Astrodienst Ephemeris Tables

from the year 1700 for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1700
geocentric

JANUARY 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 28	10♑42'55	10♉ 0	29♑59	22♑23	23♎33	10♑23	28♒45	8°R43	2♈49	10°R45	16°R17	17♍20	26♑37	1♎ 8	F 1
S 2	6 46 25	11°44'04	23°58	0♒51	23°39	24° 5	10°37	28°50	8♋41	2°50	10♌43	16♍11	17°17	26°43	1°10	S 2
S 3	6 50 21	12°45'13	8♊26	1°35	24°54	24°37	10°50	28°56	8°38	2°50	10°42	16° 3	17°14	26°50	1°11	S 3
M 4	6 54 18	13°46'22	23°20	2°11	26° 9	25° 8	11° 4	29° 2	8°35	2°51	10°41	15°53	17°11	26°57	1°13	M 4
T 5	6 58 14	14°47'30	8♋32	2°38	27°25	25°40	11°18	29° 8	8°33	2°52	10°40	15°43	17° 8	27° 3	1°14	T 5
W 6	7 2 11	15°48'38	23°51	2°55	28°40	26°11	11°32	29°14	8°30	2°53	10°39	15°35	17° 4	27°10	1°15	W 6
T 7	7 6 8	16°49'46	9♌ 7	3°R 1	29°55	26°42	11°46	29°20	8°28	2°53	10°37	15°28	17° 1	27°17	1°16	T 7
F 8	7 10 4	17°50'53	24° 8	2°56	1♒10	27°13	12° 0	29°26	8°25	2°54	10°36	15°23	16°58	27°24	1°17	F 8
S 9	7 14 1	18°52'01	8♍47	2°39	2°26	27°44	12°14	29°32	8°23	2°55	10°35	15°D21	16°55	27°30	1°18	S 9
S 10	7 17 57	19°53'08	23° 0	2°10	3°41	28°15	12°28	29°38	8°20	2°56	10°33	15°21	16°52	27°37	1°18	S 10
M11	7 21 54	20°54'15	6♎47	1°30	4°56	28°46	12°42	29°44	8°17	2°57	10°32	15°22	16°49	27°44	1°19	M11
T 12	7 25 50	21°55'22	20° 7	0°39	6°11	29°16	12°56	29°50	8°15	2°58	10°31	15°R23	16°45	27°50	1°19	T 12
W13	7 29 47	22°56'28	3♏ 6	29♑39	7°26	29°47	13°10	29°57	8°12	2°59	10°29	15°22	16°42	27°57	1°20	W13
T 14	7 33 43	23°57'34	15°45	28°31	8°42	0♏17	13°24	0♓ 3	8°10	3° 0	10°28	15°20	16°39	28° 4	1°20	T 14
F 15	7 37 40	24°58'40	28° 9	27°18	9°57	0°47	13°37	0° 9	8° 8	3° 1	10°27	15°15	16°36	28°10	1°R20	F 15
S 16	7 41 37	25°59'46	10♐22	26° 1	11°12	1°17	13°51	0°16	8° 5	3° 2	10°25	15° 8	16°33	28°17	1°20	S 16
S 17	7 45 33	27° 0'51	22°25	24°43	12°27	1°47	14° 5	0°22	8° 3	3° 3	10°24	14°59	16°29	28°24	1°20	S 17
M18	7 49 30	28° 1'56	4♑23	23°27	13°42	2°16	14°19	0°29	8° 0	3° 4	10°23	14°50	16°26	28°30	1°19	M18
T 19	7 53 26	29° 3'00	16°16	22°15	14°57	2°46	14°33	0°35	7°58	3° 6	10°21	14°40	16°23	28°37	1°19	T 19
W20	7 57 23	0♒ 4'03	28° 7	21° 8	16°13	3°15	14°46	0°42	7°55	3° 7	10°20	14°32	16°20	28°44	1°18	W20
T 21	8 1 19	1° 5'05	9♒56	20° 7	17°28	3°44	15° 0	0°49	7°53	3° 8	10°18	14°25	16°17	28°50	1°18	T 21
F 22	8 5 16	2° 6'06	21°46	19°15	18°43	4°13	15°14	0°55	7°51	3° 9	10°17	14°20	16°14	28°57	1°17	F 22
S 23	8 9 12	3° 7'07	3♓39	18°31	19°58	4°42	15°28	1° 2	7°49	3°11	10°16	14°17	16°10	29° 4	1°16	S 23
S 24	8 13 9	4° 8'06	15°38	17°56	21°13	5°11	15°41	1° 9	7°46	3°12	10°14	14°D16	16° 7	29°11	1°15	S 24
M25	8 17 6	5° 9'04	27°44	17°29	22°28	5°39	15°55	1°16	7°44	3°13	10°13	14°17	16° 4	29°17	1°14	M25
T 26	8 21 2	6°10'01	10♈ 3	17°12	23°43	6° 7	16° 8	1°23	7°42	3°15	10°11	14°19	16° 1	29°24	1°12	T 26
W27	8 24 59	7°10'57	22°38	17° 3	24°58	6°35	16°22	1°29	7°40	3°16	10°10	14°20	15°58	29°31	1°11	W27
T 28	8 28 55	8°11'52	5♉33	17°D 2	26°13	7° 3	16°35	1°36	7°37	3°18	10° 9	14°R21	15°55	29°37	1°10	T 28
F 29	8 32 52	9°12'45	18°53	17° 8	27°28	7°31	16°49	1°43	7°35	3°19	10° 7	14°21	15°51	29°44	1° 8	F 29
S 30	8 36 48	10°13'36	2♊39	17°21	28°43	7°58	17° 2	1°50	7°33	3°21	10° 6	14°19	15°48	29°51	1° 6	S 30
S 31	8 40 45	11♒14'27	16♊53	17♑41	29♒57	8♏26	17♑16	1♓57	7♋31	3♈22	10♌ 4	14♍15	15♍45	29♑57	1♎ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 3	10n57	4s 6	21s 0	0s50	22s48	1s12	7s36	1n41	23s 8	0s 3	13s24	1s34	23n33	0n22	0s15	1s29	24n31	7n15	5n25	5n 1	16s57	4s 1	3s54
S 2	22 57	14 15	4 42	20 36	0 37	22 37	1 14	7 48	1 41	23 7	0 4	13 22	1 34	23 33	0 22	0 14	1 29	24 32	7 15	5 27	5 2	16 56	4 2	3 54
S 3	22 52	16 47	5 1	20 12	0 23	22 25	1 15	7 59	1 41	23 6	0 4	13 20	1 34	23 33	0 22	0 14	1 29	24 32	7 15	5 31	5 3	16 56	4 3	3 54
M 4	22 46	18 18	5 1	19 49	0 8	22 12	1 17	8 11	1 41	23 5	0 4	13 18	1 34	23 34	0 22	0 14	1 29	24 33	7 15	5 34	5 4	16 55	4 4	3 54
T 5	22 39	18 32	4 40	19 28	0n 9	21 59	1 18	8 22	1 41	23 3	0 4	13 16	1 34	23 34	0 22	0 13	1 29	24 33	7 15	5 38	5 6	16 54	4 4	3 54
W 6	22 32	17 26	3 59	19 7	0 26	21 45	1 19	8 33	1 41	23 2	0 4	13 14	1 34	23 34	0 22	0 13	1 29	24 34	7 16	5 42	5 7	16 53	4 5	3 54
T 7	22 25	15 5	3 1	18 48	0 43	21 31	1 21	8 44	1 41	23 1	0 4	13 11	1 34	23 34	0 22	0 13	1 29	24 34	7 16	5 44	5 8	16 53	4 5	3 55
F 8	22 17	11 45	1 51	18 32	1 2	21 15	1 22	8 55	1 42	23 0	0 4	13 9	1 34	23 34	0 22	0 12	1 29	24 35	7 16	5 46	5 9	16 52	4 6	3 55
S 9	22 9	7 45	0 35	18 17	1 21	21 0	1 23	9 6	1 42	22 59	0 4	13 7	1 34	23 34	0 22	0 12	1 29	24 35	7 16	5 47	5 10	16 51	4 6	3 55
S 10	22 0	3 24	0n41	18 5	1 40	20 43	1 24	9 17	1 42	22 58	0 4	13 5	1 34	23 35	0 22	0 11	1 29	24 36	7 16	5 47	5 12	16 51	4 7	3 55
M11	21 51	0s58	1 52	17 56	1 58	20 26	1 25	9 28	1 42	22 57	0 4	13 3	1 34	23 35	0 22	0 11	1 29	24 36	7 16	5 46	5 13	16 50	4 7	3 55
T 12	21 41	5 10	2 56	17 50	2 16	20 8	1 26	9 38	1 42	22 55	0 5	13 0	1 34	23 35	0 22	0 11	1 29	24 37	7 16	5 46	5 14	16 49	4 7	3 55
W13	21 31	9 0	3 48	17 46	2 33	19 50	1 27	9 49	1 42	22 54	0 5	12 58	1 34	23 35	0 22	0 10	1 29	24 38	7 17	5 46	5 15	16 48	4 8	3 55
T 14	21 21	12 19	4 27	17 45	2 48	19 31	1 27	10 0	1 42	22 53	0 5	12 56	1 34	23 35	0 22	0 10	1 29	24 38	7 17	5 47	5 17	16 48	4 8	3 56
F 15	21 10	15 0	4 54	17 46	3 1	19 12	1 28	10 10	1 42	22 51	0 5	12 54	1 34	23 35	0 22	0 9	1 29	24 39	7 17	5 49	5 18	16 47	4 8	3 56
S 16	20 59	16 59	5 6	17 49	3 13	18 52	1 29	10 20	1 42	22 50	0 5	12 51	1 34	23 35	0 22	0 9	1 29	24 39	7 17	5 52	5 19	16 46	4 8	3 56
S 17	20 47	18 12	5 4	17 55	3 21	18 31	1 30	10 30	1 42	22 49	0 5	12 49	1 34	23 36	0 22	0 8	1 29	24 40	7 17	5 55	5 20	16 45	4 8	3 56
M18	20 35	18 35	4 50	18 1	3 28	18 10	1 30	10 40	1 43	22 47	0 5	12 47	1 34	23 36	0 22	0 8	1 29	24 40	7 17	5 59	5 22	16 45	4 8	3 56
T 19	20 23	18 9	4 22	18 9	3 31	17 49	1 31	10 50	1 43	22 46	0 5	12 44	1 34	23 36	0 22	0 7	1 29	24 41	7 17	6 3	5 23	16 44	4 8	3 56
W20	20 10	16 55	3 44	18 19	3 33	17 27	1 31	11 0	1 43	22 45	0 5	12 42	1 34	23 36	0 22	0 7	1 29	24 41	7 17	6 6	5 24	16 43	4 8	3 56
T 21	19 57	14 58	2 55	18 28	3 32	17 4	1 31	11 10	1 43	22 43	0 5	12 40	1 34	23 36	0 22	0 6	1 28	24 42	7 18	6 9	5 25	16 42	4 8	3 57
F 22	19 43	12 23	1 59	18 39	3 29	16 41	1 32	11 20	1 43	22 42	0 6	12 37	1 34	23 36	0 22	0 6	1 28	24 42	7 18	6 11	5 27	16 42	4 8	3 57
S 23	19 29	9 17	0 57	18 50	3 24	16 18	1 32	11 29	1 43	22 40	0 6	12 35	1 33	23 36	0 22	0 5	1 28	24 43	7 18	6 12	5 28	16 41	4 7	3 57
S 24	19 15	5 47	0s 7	19 1	3 18	15 54	1 32	11 39	1 43	22 39	0 6	12 32	1 33	23 37	0 22	0 5	1 28	24 43	7 18	6 12	5 29	16 40	4 7	3 57
M25	19 1	2 1	1 13	19 11	3 10	15 30	1 32	11 48	1 43	22 37	0 6	12 30	1 33	23 37	0 22	0 4	1 28	24 44	7 18	6 12	5 30	16 39	4 7	3 57
T 26	18 46	1n54	2 16	19 22	3 1	15 5	1 32	11 58	1 43	22 36	0 6	12 27	1 33	23 37	0 22	0 3	1 28	24 44	7 18	6 11	5 31	16 39	4 6	3 57
W27	18 30	5 49	3 14	19 33	2 52	14 40	1 32	12 7	1 43	22 34	0 6	12 25	1 33	23 37	0 22	0 3	1 28	24 45	7 18	6 10	5 33	16 38	4 6	3 57
T 28	18 15	9 33	4 4	19 43	2 42	14 14	1 32	12 16	1 43	22 33	0 6	12 22	1 33	23 37	0 22	0 2	1 28	24 45	7 18	6 10	5 34	16 37	4 5	3 57
F 29	17 59	12 56	4 42	19 53	2 31	13 48	1 32	12 25	1 43	22 31	0 6	12 20	1 33	23 37	0 22	0 2	1 28	24 45	7 18	6 10	5 35	16 36	4 5	3 57
S 30	17 42	15 43	5 6	20 2	2 20	13 22	1 31	12 34	1 43	22 30	0 6	12 17	1 33	23 37	0 22	0 1	1 28	24 46	7 18	6 11	5 36	16 36	4 4	3 57
S 31	17s26	17n39	5s12	20s11	2n 9	12s56	1s31	12s42	1n43	22s28	0s 6	12s15	1s33	23n37	0n22	0s 0	1s28	24n46	7n18	6n12	5n38	16s35	4s 3	3s57

Julian Day Number = 2341972.5, Delta T = 14.29 sec
Ecliptic obliquity = 23°28'32, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'09, Lahiri = 19°40'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

FEBRUARY 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 41	12♒15'15	1♋33	18♑ 7	1♓12	8♏53	17♑29	2♓ 4	7°R29	3♈24	10°R 3	14°R11	15♍42	0♒ 4	1°R 3	M 1
T 2	8 48 38	13°16'03	16°33	18°38	2°27	9°20	17°42	2°11	7♋27	3°25	10♌ 2	14♍ 6	15°39	0°11	1♎ 0	T 2
W 3	8 52 35	14°16'49	1♌46	19°14	3°42	9°46	17°56	2°18	7°25	3°27	10° 0	14° 2	15°35	0°17	0°58	W 3
T 4	8 56 31	15°17'33	17° 1	19°55	4°57	10°13	18° 9	2°25	7°23	3°29	9°59	13°59	15°32	0°24	0°56	T 4
F 5	9 0 28	16°18'17	2♍ 8	20°40	6°11	10°39	18°22	2°32	7°22	3°30	9°57	13°57	15°29	0°31	0°54	F 5
S 6	9 4 24	17°18'59	16°59	21°29	7°26	11° 5	18°35	2°40	7°20	3°32	9°56	13°D57	15°26	0°37	0°51	S 6
S 7	9 8 21	18°19'39	1♎25	22°21	8°41	11°31	18°48	2°47	7°18	3°34	9°54	13°57	15°23	0°44	0°49	S 7
M 8	9 12 17	19°20'19	15°25	23°17	9°56	11°56	19° 1	2°54	7°16	3°35	9°53	13°59	15°20	0°51	0°46	M 8
T 9	9 16 14	20°20'57	28°58	24°15	11°10	12°22	19°14	3° 1	7°14	3°37	9°52	14° 0	15°16	0°57	0°43	T 9
W10	9 20 10	21°21'35	12♏ 4	25°16	12°25	12°47	19°27	3° 8	7°13	3°39	9°50	14° 1	15°13	1° 4	0°40	W10
T 11	9 24 7	22°22'11	24°47	26°20	13°39	13°11	19°40	3°15	7°11	3°41	9°49	14°R 2	15°10	1°11	0°37	T 11
F 12	9 28 3	23°22'46	7♐11	27°26	14°54	13°36	19°53	3°23	7°10	3°43	9°48	14° 1	15° 7	1°18	0°34	F 12
S 13	9 32 0	24°23'20	19°21	28°35	16° 8	14° 0	20° 6	3°30	7° 8	3°44	9°46	13°59	15° 4	1°24	0°31	S 13
S 14	9 35 57	25°23'52	1♑21	29°45	17°23	14°24	20°18	3°37	7° 7	3°46	9°45	13°57	15° 1	1°31	0°28	S 14
M15	9 39 53	26°24'23	13°13	0♒57	18°37	14°48	20°31	3°44	7° 5	3°48	9°43	13°54	14°57	1°38	0°25	M15
T 16	9 43 50	27°24'53	25° 3	2°11	19°52	15°11	20°44	3°52	7° 4	3°50	9°42	13°51	14°54	1°44	0°21	T 16
W17	9 47 46	28°25'21	6♒52	3°27	21° 6	15°34	20°56	3°59	7° 2	3°52	9°41	13°49	14°51	1°51	0°18	W17
T 18	9 51 43	29°25'47	18°43	4°44	22°21	15°57	21° 9	4° 6	7° 1	3°54	9°39	13°47	14°48	1°58	0°14	T 18
F 19	9 55 39	0♓26'12	0♓38	6° 3	23°35	16°20	21°21	4°14	7° 0	3°56	9°38	13°46	14°45	2° 4	0°10	F 19
S 20	9 59 36	1°26'36	12°40	7°23	24°49	16°42	21°33	4°21	6°59	3°58	9°37	13°D45	14°41	2°11	0° 7	S 20
S 21	10 3 32	2°26'57	24°49	8°44	26° 4	17° 4	21°46	4°28	6°57	4° 0	9°35	13°45	14°38	2°18	0° 3	S 21
M22	10 7 29	3°27'17	7♈ 8	10° 7	27°18	17°25	21°58	4°35	6°56	4° 2	9°34	13°46	14°35	2°24	29♍59	M22
T 23	10 11 26	4°27'34	19°39	11°32	28°32	17°46	22°10	4°43	6°55	4° 4	9°33	13°47	14°32	2°31	29°55	T 23
W24	10 15 22	5°27'50	2♉24	12°57	29°46	18° 7	22°22	4°50	6°54	4° 6	9°32	13°48	14°29	2°38	29°51	W24
T 25	10 19 19	6°28'04	15°25	14°24	1♈ 0	18°27	22°34	4°57	6°53	4° 8	9°30	13°49	14°26	2°44	29°47	T 25
F 26	10 23 15	7°28'15	28°45	15°52	2°14	18°47	22°46	5° 5	6°52	4°10	9°29	13°49	14°22	2°51	29°43	F 26
S 27	10 27 12	8°28'25	12♊24	17°21	3°28	19° 7	22°58	5°12	6°51	4°12	9°28	13°R49	14°19	2°58	29°38	S 27
S 28	10 31 8	9♓28'32	26♊25	18♒51	4♈42	19♏26	23♑ 9	5♓19	6♋51	4♈14	9♌27	13♍49	14♍16	3♒ 4	29♍34	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 9	18n30	4s58	20s19	1n57	12s29	1s31	12s51	1n43	22s26	0s 7	12s12	1s33	23n38	0n22	0n 0	1s28	24n47	7n19	6n14	5n39	16s34	4s 3	3s58
T 2	16 52	18 5	4 24	20 26	1 46	12 1	1 30	13 0	1 43	22 25	0 7	12 10	1 33	23 38	0 22	0 1	1 28	24 47	7 19	6 16	5 40	16 33	4 2	3 58
W 3	16 34	16 22	3 31	20 32	1 35	11 34	1 30	13 8	1 43	22 23	0 7	12 7	1 33	23 38	0 22	0 2	1 28	24 48	7 19	6 17	5 41	16 32	4 1	3 58
T 4	16 16	13 30	2 22	20 37	1 23	11 6	1 29	13 16	1 43	22 21	0 7	12 5	1 33	23 38	0 22	0 2	1 28	24 48	7 19	6 19	5 43	16 32	4 0	3 58
F 5	15 58	9 44	1 4	20 42	1 12	10 37	1 28	13 25	1 43	22 20	0 7	12 2	1 33	23 38	0 22	0 3	1 28	24 49	7 19	6 19	5 44	16 31	3 59	3 58
S 6	15 40	5 24	0n17	20 45	1 1	10 9	1 28	13 33	1 43	22 18	0 7	12 0	1 33	23 38	0 22	0 4	1 28	24 49	7 19	6 20	5 45	16 30	3 58	3 58
S 7	15 22	0 53	1 35	20 47	0 50	9 40	1 27	13 41	1 43	22 16	0 7	11 57	1 34	23 38	0 22	0 4	1 28	24 50	7 19	6 19	5 46	16 29	3 57	3 58
M 8	15 3	3s33	2 45	20 49	0 40	9 11	1 26	13 48	1 43	22 15	0 7	11 55	1 34	23 38	0 22	0 5	1 28	24 50	7 19	6 19	5 47	16 28	3 56	3 58
T 9	14 44	7 39	3 43	20 49	0 29	8 42	1 25	13 56	1 43	22 13	0 7	11 52	1 34	23 38	0 22	0 6	1 28	24 50	7 19	6 18	5 49	16 28	3 55	3 58
W10	14 24	11 14	4 28	20 48	0 19	8 12	1 24	14 4	1 43	22 11	0 8	11 49	1 34	23 38	0 22	0 7	1 28	24 51	7 19	6 18	5 50	16 27	3 54	3 58
T 11	14 5	14 10	4 58	20 46	0 9	7 43	1 23	14 11	1 43	22 9	0 8	11 47	1 34	23 39	0 22	0 7	1 28	24 51	7 19	6 18	5 51	16 26	3 53	3 58
F 12	13 45	16 24	5 13	20 43	0s 0	7 13	1 22	14 19	1 43	22 8	0 8	11 44	1 34	23 39	0 22	0 8	1 28	24 52	7 19	6 18	5 52	16 25	3 52	3 58
S 13	13 25	17 50	5 14	20 38	0 10	6 43	1 21	14 26	1 43	22 6	0 8	11 42	1 34	23 39	0 22	0 9	1 28	24 52	7 19	6 18	5 54	16 24	3 51	3 58
S 14	13 4	18 27	5 1	20 32	0 19	6 13	1 19	14 33	1 42	22 4	0 8	11 39	1 34	23 39	0 22	0 10	1 28	24 53	7 19	6 19	5 55	16 24	3 49	3 58
M15	12 44	18 15	4 35	20 25	0 27	5 42	1 18	14 40	1 42	22 2	0 8	11 36	1 34	23 39	0 22	0 10	1 28	24 53	7 19	6 21	5 56	16 23	3 48	3 58
T 16	12 23	17 15	3 58	20 17	0 36	5 12	1 17	14 47	1 42	22 1	0 8	11 34	1 34	23 39	0 22	0 11	1 28	24 53	7 19	6 22	5 57	16 22	3 46	3 58
W17	12 2	15 31	3 10	20 8	0 44	4 41	1 15	14 54	1 42	21 59	0 8	11 31	1 34	23 39	0 22	0 12	1 28	24 54	7 19	6 23	5 59	16 21	3 45	3 58
T 18	11 41	13 7	2 14	19 57	0 52	4 10	1 14	15 1	1 42	21 57	0 8	11 29	1 34	23 39	0 22	0 13	1 28	24 54	7 19	6 23	6 0	16 20	3 44	3 58
F 19	11 20	10 8	1 12	19 45	0 59	3 39	1 12	15 7	1 42	21 55	0 9	11 26	1 34	23 39	0 22	0 14	1 28	24 54	7 19	6 24	6 1	16 19	3 42	3 58
S 20	10 59	6 43	0 6	19 31	1 6	3 8	1 10	15 14	1 41	21 53	0 9	11 23	1 34	23 39	0 22	0 14	1 28	24 55	7 19	6 24	6 2	16 19	3 40	3 57
S 21	10 37	3 0	1s 1	19 17	1 13	2 37	1 9	15 20	1 41	21 52	0 9	11 21	1 34	23 39	0 22	0 15	1 28	24 55	7 19	6 24	6 3	16 18	3 39	3 57
M22	10 15	0n54	2 6	19 1	1 20	2 6	1 7	15 26	1 41	21 50	0 9	11 18	1 34	23 39	0 22	0 16	1 28	24 55	7 19	6 24	6 5	16 17	3 37	3 57
T 23	9 53	4 49	3 6	18 43	1 26	1 35	1 5	15 33	1 41	21 48	0 9	11 15	1 34	23 39	0 22	0 17	1 27	24 56	7 19	6 23	6 6	16 16	3 36	3 57
W24	9 31	8 35	3 59	18 25	1 31	1 3	1 3	15 39	1 41	21 46	0 9	11 13	1 34	23 39	0 22	0 18	1 27	24 56	7 19	6 23	6 7	16 15	3 34	3 57
T 25	9 9	12 1	4 40	18 5	1 37	0 32	1 1	15 44	1 40	21 44	0 9	11 10	1 34	23 39	0 22	0 18	1 27	24 57	7 19	6 23	6 8	16 14	3 32	3 57
F 26	8 47	14 55	5 7	17 44	1 42	0 1	0 59	15 50	1 40	21 42	0 9	11 7	1 34	23 39	0 22	0 19	1 27	24 57	7 19	6 22	6 10	16 13	3 30	3 57
S 27	8 24	17 4	5 18	17 21	1 47	0n31	0 57	15 56	1 40	21 40	0 9	11 5	1 34	23 40	0 22	0 20	1 27	24 57	7 19	6 22	6 11	16 13	3 29	3 57
S 28	8s 2	18n16	5s10	16s57	1s51	1n 2	0s55	16s 1	1n39	21s39	0s10	11s 2	1s34	23n40	0n22	0n21	1s27	24n57	7n19	6n23	6n12	16s12	3s27	3s57

Julian Day Number = 2342003.5, Delta T = 14.26 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'13, Lahiri = 19°40'14Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

MARCH 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 5	10♓28'38	10♋45	20♒22	5♈56	19♏45	23♑21	5♓27	6°R50	4♈16	9°R26	13°R49	14♍13	3♒11	29°R30	M 1
T 2	10 39 1	11°28'41	25°23	21°55	7°10	20° 4	23°33	5°34	6♋49	4°18	9♌24	13♍48	14°10	3°18	29♍25	T 2
W 3	10 42 58	12°28'42	10♌14	23°28	8°24	20°22	23°44	5°41	6°48	4°21	9°23	13°48	14° 7	3°24	29°21	W 3
T 4	10 46 55	13°28'41	25°10	25° 3	9°38	20°40	23°55	5°48	6°48	4°23	9°22	13°D48	14° 3	3°31	29°17	T 4
F 5	10 50 51	14°28'38	10♍ 5	26°39	10°51	20°57	24° 7	5°56	6°47	4°25	9°21	13°R48	14° 0	3°38	29°12	F 5
S 6	10 54 48	15°28'33	24°49	28°16	12° 5	21°14	24°18	6° 3	6°47	4°27	9°20	13°48	13°57	3°44	29° 7	S 6
S 7	10 58 44	16°28'25	9♎17	29°54	13°19	21°31	24°29	6°10	6°46	4°29	9°19	13°48	13°54	3°51	29° 3	S 7
M 8	11 2 41	17°28'17	23°22	1♓34	14°32	21°47	24°40	6°17	6°46	4°31	9°18	13°48	13°51	3°58	28°58	M 8
T 9	11 6 37	18°28'06	7♏ 2	3°14	15°46	22° 2	24°51	6°25	6°46	4°34	9°17	13°47	13°47	4° 5	28°54	T 9
W10	11 10 34	19°27'54	20°16	4°56	16°59	22°17	25° 2	6°32	6°45	4°36	9°16	13°46	13°44	4°11	28°49	W10
T 11	11 14 30	20°27'40	3♐ 6	6°39	18°13	22°32	25°13	6°39	6°45	4°38	9°15	13°46	13°41	4°18	28°44	T 11
F 12	11 18 27	21°27'24	15°36	8°23	19°26	22°46	25°23	6°46	6°45	4°40	9°14	13°46	13°38	4°25	28°39	F 12
S 13	11 22 24	22°27'06	27°48	10° 8	20°40	23° 0	25°34	6°53	6°45	4°42	9°13	13°D46	13°35	4°31	28°35	S 13
S 14	11 26 20	23°26'47	9♑47	11°55	21°53	23°13	25°44	7° 0	6°45	4°45	9°12	13°46	13°32	4°38	28°30	S 14
M15	11 30 17	24°26'26	21°39	13°43	23° 6	23°25	25°55	7° 8	6°D45	4°47	9°11	13°47	13°28	4°45	28°25	M15
T 16	11 34 13	25°26'03	3♒28	15°32	24°20	23°37	26° 5	7°15	6°45	4°49	9°10	13°48	13°25	4°51	28°20	T 16
W17	11 38 10	26°25'39	15°18	17°22	25°33	23°49	26°15	7°22	6°45	4°51	9° 9	13°49	13°22	4°58	28°15	W17
T 18	11 42 6	27°25'12	27°12	19°14	26°46	24° 0	26°25	7°29	6°45	4°54	9° 8	13°50	13°19	5° 5	28°11	T 18
F 19	11 46 3	28°24'44	9♓14	21° 7	27°59	24°10	26°35	7°36	6°45	4°56	9° 7	13°R51	13°16	5°11	28° 6	F 19
S 20	11 49 59	29°24'13	21°27	23° 1	29°12	24°20	26°45	7°43	6°45	4°58	9° 6	13°51	13°12	5°18	28° 1	S 20
S 21	11 53 56	0♈23'41	3♈51	24°56	0♉25	24°29	26°55	7°50	6°46	5° 0	9° 5	13°50	13° 9	5°25	27°56	S 21
M22	11 57 52	1°23'06	16°28	26°53	1°38	24°38	27° 4	7°57	6°46	5° 3	9° 5	13°48	13° 6	5°31	27°51	M22
T 23	12 1 49	2°22'29	29°19	28°50	2°50	24°46	27°14	8° 3	6°46	5° 5	9° 4	13°45	13° 3	5°38	27°46	T 23
W24	12 5 46	3°21'51	12♉24	0♈49	4° 3	24°53	27°23	8°10	6°47	5° 7	9° 3	13°43	13° 0	5°45	27°42	W24
T 25	12 9 42	4°21'10	25°42	2°49	5°16	25° 0	27°32	8°17	6°47	5°10	9° 2	13°40	12°57	5°51	27°37	T 25
F 26	12 13 39	5°20'26	9♊14	4°50	6°29	25° 6	27°41	8°24	6°48	5°12	9° 2	13°37	12°53	5°58	27°32	F 26
S 27	12 17 35	6°19'41	22°59	6°52	7°41	25°11	27°50	8°31	6°48	5°14	9° 1	13°36	12°50	6° 5	27°27	S 27
S 28	12 21 32	7°18'53	6♋56	8°55	8°54	25°16	27°59	8°38	6°49	5°16	9° 0	13°D35	12°47	6°11	27°23	S 28
M29	12 25 28	8°18'02	21° 4	10°58	10° 6	25°20	28° 8	8°44	6°50	5°19	9° 0	13°35	12°44	6°18	27°18	M29
T 30	12 29 25	9°17'10	5♌22	13° 2	11°18	25°23	28°17	8°51	6°51	5°21	8°59	13°37	12°41	6°25	27°13	T 30
W31	12 33 21	10♈16'15	19♌48	15♈ 7	12♉31	25♏26	28♑25	8♓57	6♋52	5♈23	8♌59	13♍38	12♍38	6♒31	27♍ 9	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s39	18n20	4s43	16s32	1s55	1n33	0s53	16s 7	1n39	21s37	0s10	11s 0	1s34	23n40	0n22	0n22	1s27	24n58	7n19	6n23	6n13	16s11	3s25	3s56
T 2	7 16	17 12	3 58	16 6	1 59	2 5	0 50	16 12	1 39	21 35	0 10	10 57	1 34	23 40	0 22	0 23	1 27	24 58	7 19	6 23	6 15	16 10	3 23	3 56
W 3	6 53	14 53	2 56	15 38	2 2	2 36	0 48	16 17	1 38	21 33	0 10	10 54	1 35	23 40	0 22	0 24	1 27	24 58	7 19	6 23	6 16	16 9	3 21	3 56
T 4	6 30	11 33	1 42	15 9	2 5	3 7	0 46	16 22	1 38	21 31	0 10	10 52	1 35	23 40	0 22	0 24	1 27	24 59	7 19	6 23	6 17	16 8	3 19	3 56
F 5	6 7	7 29	0 21	14 38	2 7	3 38	0 43	16 27	1 38	21 29	0 10	10 49	1 35	23 40	0 22	0 25	1 27	24 59	7 19	6 23	6 18	16 7	3 17	3 56
S 6	5 44	3 0	1n 1	14 7	2 9	4 10	0 41	16 32	1 37	21 28	0 10	10 46	1 35	23 40	0 22	0 26	1 27	24 59	7 19	6 23	6 19	16 7	3 15	3 55
S 7	5 21	1s35	2 17	13 34	2 11	4 41	0 38	16 37	1 37	21 26	0 10	10 44	1 35	23 40	0 22	0 27	1 27	24 59	7 19	6 23	6 21	16 6	3 13	3 55
M 8	4 57	5 57	3 23	12 59	2 12	5 11	0 36	16 41	1 36	21 24	0 11	10 41	1 35	23 40	0 22	0 28	1 27	25 0	7 19	6 23	6 22	16 5	3 11	3 55
T 9	4 34	9 52	4 15	12 24	2 13	5 42	0 33	16 46	1 36	21 22	0 11	10 39	1 35	23 40	0 22	0 29	1 27	25 0	7 19	6 23	6 23	16 4	3 9	3 55
W10	4 11	13 9	4 51	11 47	2 13	6 13	0 31	16 50	1 35	21 20	0 11	10 36	1 35	23 40	0 22	0 30	1 27	25 0	7 19	6 23	6 24	16 3	3 7	3 55
T 11	3 47	15 42	5 12	11 8	2 13	6 43	0 28	16 54	1 35	21 18	0 11	10 33	1 35	23 40	0 22	0 31	1 27	25 0	7 19	6 24	6 26	16 2	3 5	3 54
F 12	3 24	17 26	5 17	10 29	2 12	7 14	0 25	16 59	1 34	21 17	0 11	10 31	1 35	23 40	0 22	0 31	1 27	25 1	7 18	6 24	6 27	16 1	3 3	3 54
S 13	3 0	18 19	5 8	9 48	2 11	7 44	0 23	17 3	1 33	21 15	0 11	10 28	1 35	23 40	0 22	0 32	1 27	25 1	7 18	6 24	6 28	16 0	3 0	3 54
S 14	2 36	18 22	4 46	9 6	2 10	8 14	0 20	17 6	1 33	21 13	0 11	10 26	1 35	23 40	0 22	0 33	1 27	25 1	7 18	6 24	6 29	15 59	2 58	3 53
M15	2 13	17 36	4 11	8 23	2 8	8 44	0 17	17 10	1 32	21 11	0 12	10 23	1 36	23 40	0 22	0 34	1 27	25 1	7 18	6 23	6 30	15 59	2 56	3 53
T 16	1 49	16 4	3 26	7 38	2 5	9 14	0 14	17 14	1 32	21 9	0 12	10 21	1 36	23 40	0 21	0 35	1 27	25 1	7 18	6 23	6 32	15 58	2 54	3 53
W17	1 25	13 51	2 32	6 52	2 2	9 43	0 11	17 17	1 31	21 8	0 12	10 18	1 36	23 40	0 21	0 36	1 27	25 2	7 18	6 22	6 33	15 57	2 52	3 53
T 18	1 2	11 2	1 31	6 5	1 59	10 12	0 8	17 21	1 30	21 6	0 12	10 16	1 36	23 40	0 21	0 37	1 27	25 2	7 18	6 22	6 34	15 56	2 49	3 52
F 19	0 38	7 43	0 26	5 17	1 54	10 41	0 5	17 24	1 29	21 4	0 12	10 13	1 36	23 40	0 21	0 38	1 27	25 2	7 18	6 22	6 35	15 55	2 47	3 52
S 20	0 14	4 2	0s42	4 28	1 50	11 10	0 2	17 27	1 29	21 2	0 12	10 10	1 36	23 40	0 21	0 39	1 27	25 2	7 18	6 22	6 37	15 54	2 45	3 52
S 21	0n 9	0 8	1 48	3 37	1 45	11 39	0n 1	17 30	1 28	21 1	0 12	10 8	1 36	23 40	0 21	0 39	1 27	25 2	7 18	6 22	6 38	15 53	2 43	3 51
M22	0 33	3n51	2 51	2 46	1 39	12 7	0 4	17 33	1 27	20 59	0 12	10 5	1 36	23 40	0 21	0 40	1 27	25 2	7 18	6 23	6 39	15 52	2 40	3 51
T 23	0 57	7 44	3 46	1 53	1 33	12 35	0 7	17 36	1 26	20 57	0 13	10 3	1 36	23 40	0 21	0 41	1 27	25 2	7 18	6 24	6 40	15 51	2 38	3 50
W24	1 20	11 18	4 30	1 0	1 26	13 2	0 10	17 38	1 25	20 55	0 13	10 1	1 36	23 40	0 21	0 42	1 27	25 2	7 18	6 25	6 41	15 50	2 36	3 50
T 25	1 44	14 21	5 0	0 5	1 19	13 30	0 13	17 41	1 24	20 54	0 13	9 58	1 37	23 39	0 21	0 43	1 27	25 3	7 17	6 26	6 43	15 49	2 34	3 50
F 26	2 7	16 42	5 14	0n50	1 12	13 57	0 16	17 43	1 23	20 52	0 13	9 56	1 37	23 39	0 21	0 44	1 27	25 3	7 17	6 27	6 44	15 48	2 31	3 49
S 27	2 31	18 7	5 11	1 46	1 3	14 23	0 19	17 46	1 22	20 50	0 13	9 53	1 37	23 39	0 21	0 45	1 27	25 3	7 17	6 28	6 45	15 48	2 29	3 49
S 28	2 54	18 29	4 49	2 42	0 55	14 50	0 22	17 48	1 21	20 49	0 13	9 51	1 37	23 39	0 21	0 46	1 27	25 3	7 17	6 28	6 46	15 47	2 27	3 48
M29	3 18	17 42	4 10	3 39	0 46	15 16	0 25	17 50	1 20	20 47	0 13	9 48	1 37	23 39	0 21	0 47	1 27	25 3	7 17	6 28	6 47	15 46	2 25	3 48
T 30	3 41	15 48	3 15	4 36	0 36	15 41	0 28	17 52	1 19	20 46	0 14	9 46	1 37	23 39	0 21	0 48	1 27	25 3	7 17	6 27	6 49	15 45	2 22	3 48
W31	4n 4	12n53	2s 7	5n34	0s26	16n 7	0n31	17s54	1n18	20s44	0s14	9s44	1s37	23n39	0n21	0n48	1s27	25n 3	7n17	6n27	6n50	15s44	2s20	3s47

Julian Day Number = 2342031.5, Delta T = 14.23 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'17, Lahiri = 19°40'18Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

APRIL 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 18	11♈15'17	4♍17	17♈11	13♉43	25♏28	28♑34	9♓ 4	6♋52	5♈25	8°R58	13♍39	12♍34	6♒38	27°R 4	T 1
F 2	12 41 15	12°14'17	18°46	19°15	14°55	25°29	28°42	9°11	6°53	5°28	8♌58	13°R39	12°31	6°45	26♍59	F 2
S 3	12 45 11	13°13'16	3♎ 9	21°19	16° 7	25°R29	28°50	9°17	6°54	5°30	8°57	13°38	12°28	6°51	26°55	S 3
S 4	12 49 8	14°12'12	17°21	23°21	17°19	25°29	28°58	9°24	6°55	5°32	8°57	13°35	12°25	6°58	26°50	S 4
M 5	12 53 4	15°11'06	1♏17	25°23	18°31	25°28	29° 6	9°30	6°56	5°34	8°56	13°31	12°22	7° 5	26°46	M 5
T 6	12 57 1	16° 9'58	14°53	27°24	19°43	25°27	29°13	9°36	6°58	5°37	8°56	13°26	12°18	7°11	26°42	T 6
W 7	13 0 57	17° 8'48	28° 8	29°22	20°55	25°24	29°21	9°43	6°59	5°39	8°55	13°21	12°15	7°18	26°37	W 7
T 8	13 4 54	18° 7'36	11♐ 0	1♑18	22° 7	25°21	29°28	9°49	7° 0	5°41	8°55	13°16	12°12	7°25	26°33	T 8
F 9	13 8 50	19° 6'23	23°33	3°12	23°18	25°17	29°36	9°55	7° 1	5°43	8°55	13°12	12° 9	7°31	26°29	F 9
S 10	13 12 47	20° 5'08	5♑47	5° 3	24°30	25°12	29°43	10° 1	7° 3	5°46	8°54	13° 9	12° 6	7°38	26°25	S 10
S 11	13 16 44	21° 3'51	17°49	6°51	25°41	25° 7	29°50	10° 8	7° 4	5°48	8°54	13°D 8	12° 3	7°45	26°21	S 11
M12	13 20 40	22° 2'33	29°42	8°35	26°53	25° 1	29°56	10°14	7° 6	5°50	8°54	13° 8	11°59	7°51	26°16	M12
T 13	13 24 37	23° 1'13	11♒31	10°16	28° 4	24°54	0♒ 3	10°20	7° 7	5°52	8°54	13° 9	11°56	7°58	26°13	T 13
W14	13 28 33	23°59'51	23°22	11°53	29°15	24°46	0°10	10°26	7° 9	5°54	8°53	13°11	11°53	8° 5	26° 9	W14
T 15	13 32 30	24°58'27	5♓19	13°25	0♊26	24°37	0°16	10°32	7°10	5°57	8°53	13°12	11°50	8°11	26° 5	T 15
F 16	13 36 26	25°57'01	17°27	14°53	1°38	24°28	0°22	10°37	7°12	5°59	8°53	13°R12	11°47	8°18	26° 1	F 16
S 17	13 40 23	26°55'34	29°49	16°17	2°49	24°18	0°28	10°43	7°13	6° 1	8°53	13°11	11°43	8°25	25°57	S 17
S 18	13 44 19	27°54'05	12♈28	17°36	4° 0	24° 7	0°34	10°49	7°15	6° 3	8°53	13° 7	11°40	8°31	25°54	S 18
M19	13 48 16	28°52'34	25°24	18°50	5°10	23°55	0°40	10°55	7°17	6° 5	8°53	13° 2	11°37	8°38	25°50	M19
T 20	13 52 12	29°51'02	8♉38	19°59	6°21	23°43	0°45	11° 0	7°19	6° 7	8°53	12°55	11°34	8°45	25°47	T 20
W21	13 56 9	0♉49'27	22° 8	21° 3	7°32	23°30	0°51	11° 6	7°21	6° 9	8°D53	12°47	11°31	8°51	25°43	W21
T 22	14 0 6	1°47'50	5♊51	22° 2	8°42	23°16	0°56	11°12	7°23	6°12	8°53	12°39	11°28	8°58	25°40	T 22
F 23	14 4 2	2°46'12	19°45	22°56	9°53	23° 2	1° 1	11°17	7°25	6°14	8°53	12°32	11°24	9° 5	25°37	F 23
S 24	14 7 59	3°44'32	3♋47	23°44	11° 3	22°47	1° 6	11°22	7°27	6°16	8°53	12°26	11°21	9°11	25°34	S 24
S 25	14 11 55	4°42'49	17°52	24°28	12°14	22°31	1°11	11°28	7°29	6°18	8°53	12°23	11°18	9°18	25°31	S 25
M26	14 15 52	5°41'04	2♌ 1	25° 6	13°24	22°15	1°15	11°33	7°31	6°20	8°53	12°D22	11°15	9°25	25°28	M26
T 27	14 19 48	6°39'18	16°10	25°38	14°34	21°58	1°20	11°38	7°33	6°22	8°53	12°22	11°12	9°31	25°25	T 27
W28	14 23 45	7°37'29	0♍18	26° 5	15°44	21°40	1°24	11°43	7°35	6°24	8°53	12°23	11° 9	9°38	25°22	W28
T 29	14 27 41	8°35'38	14°24	26°26	16°54	21°22	1°28	11°49	7°37	6°26	8°54	12°R23	11° 5	9°45	25°20	T 29
F 30	14 31 38	9♉33'45	28♍26	26♉43	18♊ 3	21♏ 4	1♒32	11♓54	7♋39	6♈28	8♌54	12♍22	11♍ 2	9♒51	25♍17	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n28	9n 9	0s51	6n31	0s16	16n32	0n34	17s55	1n16	20s42	0s14	9s41	1s37	23n39	0n21	0n49	1s27	25n 3	7n17	6n26	6n51	15s43	2s18	3s47
F 2	4 51	4 53	0n28	7 28	0 5	16 56	0 37	17 57	1 15	20 41	0 14	9 39	1 38	23 39	0 21	0 50	1 27	25 3	7 17	6 26	6 52	15 42	2 16	3 46
S 3	5 14	0 21	1 45	8 25	0n 6	17 20	0 41	17 58	1 14	20 39	0 14	9 37	1 38	23 39	0 21	0 51	1 27	25 3	7 17	6 27	6 54	15 41	2 13	3 46
S 4	5 37	4s 8	2 54	9 21	0 17	17 44	0 44	17 59	1 12	20 38	0 14	9 34	1 38	23 39	0 21	0 52	1 27	25 3	7 16	6 28	6 55	15 40	2 11	3 45
M 5	5 59	8 19	3 52	10 17	0 29	18 7	0 47	18 1	1 11	20 36	0 15	9 32	1 38	23 39	0 21	0 53	1 27	25 3	7 16	6 29	6 56	15 39	2 9	3 45
T 6	6 22	11 57	4 34	11 11	0 40	18 30	0 50	18 2	1 10	20 35	0 15	9 30	1 38	23 39	0 21	0 54	1 27	25 3	7 16	6 31	6 57	15 38	2 7	3 44
W 7	6 45	14 53	5 1	12 4	0 51	18 52	0 53	18 2	1 8	20 34	0 15	9 27	1 38	23 39	0 21	0 55	1 27	25 3	7 16	6 33	6 58	15 37	2 4	3 44
T 8	7 7	16 59	5 12	12 55	1 2	19 14	0 56	18 3	1 7	20 32	0 15	9 25	1 38	23 39	0 21	0 55	1 27	25 3	7 16	6 35	7 0	15 36	2 2	3 43
F 9	7 30	18 13	5 7	13 45	1 13	19 35	0 59	18 4	1 5	20 31	0 15	9 23	1 39	23 39	0 21	0 56	1 27	25 3	7 16	6 37	7 1	15 35	2 0	3 43
S 10	7 52	18 33	4 48	14 33	1 24	19 56	1 2	18 4	1 3	20 29	0 15	9 21	1 39	23 38	0 21	0 57	1 27	25 3	7 16	6 38	7 2	15 34	1 58	3 42
S 11	8 14	18 3	4 17	15 19	1 35	20 16	1 5	18 5	1 2	20 28	0 15	9 19	1 39	23 38	0 21	0 58	1 27	25 3	7 16	6 38	7 3	15 33	1 56	3 42
M12	8 36	16 45	3 35	16 2	1 45	20 36	1 8	18 5	1 0	20 27	0 16	9 16	1 39	23 38	0 21	0 59	1 27	25 3	7 15	6 38	7 5	15 32	1 54	3 41
T 13	8 58	14 44	2 44	16 43	1 54	20 55	1 11	18 5	0 58	20 26	0 16	9 14	1 39	23 38	0 21	1 0	1 27	25 3	7 15	6 38	7 6	15 31	1 52	3 40
W14	9 19	12 5	1 46	17 22	2 3	21 14	1 14	18 5	0 56	20 24	0 16	9 12	1 39	23 38	0 21	1 1	1 28	25 3	7 15	6 37	7 7	15 30	1 50	3 40
T 15	9 41	8 55	0 43	17 58	2 11	21 32	1 17	18 5	0 54	20 23	0 16	9 10	1 40	23 38	0 21	1 1	1 28	25 3	7 15	6 37	7 8	15 29	1 48	3 39
F 16	10 2	5 19	0s23	18 32	2 19	21 50	1 20	18 4	0 52	20 22	0 16	9 8	1 40	23 38	0 21	1 2	1 28	25 3	7 15	6 37	7 9	15 28	1 46	3 39
S 17	10 24	1 26	1 29	19 3	2 25	22 7	1 23	18 4	0 50	20 21	0 16	9 6	1 40	23 38	0 21	1 3	1 28	25 3	7 15	6 37	7 11	15 27	1 44	3 38
S 18	10 45	2n36	2 32	19 31	2 31	22 23	1 26	18 3	0 48	20 20	0 17	9 4	1 40	23 38	0 21	1 4	1 28	25 3	7 15	6 38	7 12	15 26	1 42	3 38
M19	11 5	6 36	3 28	19 57	2 36	22 39	1 29	18 2	0 46	20 19	0 17	9 2	1 40	23 38	0 21	1 5	1 28	25 3	7 15	6 41	7 13	15 25	1 40	3 37
T 20	11 26	10 23	4 15	20 20	2 40	22 54	1 31	18 1	0 44	20 18	0 17	9 0	1 40	23 38	0 21	1 6	1 28	25 2	7 14	6 43	7 14	15 24	1 38	3 36
W21	11 47	13 41	4 48	20 41	2 44	23 9	1 34	18 0	0 42	20 17	0 17	8 58	1 41	23 37	0 21	1 6	1 28	25 2	7 14	6 46	7 15	15 23	1 36	3 36
T 22	12 7	16 18	5 5	20 58	2 46	23 23	1 37	17 59	0 40	20 16	0 17	8 56	1 41	23 37	0 21	1 7	1 28	25 2	7 14	6 49	7 17	15 22	1 34	3 35
F 23	12 27	18 1	5 5	21 13	2 47	23 36	1 39	17 57	0 37	20 15	0 17	8 54	1 41	23 37	0 21	1 8	1 28	25 2	7 14	6 52	7 18	15 21	1 32	3 35
S 24	12 47	18 39	4 46	21 26	2 47	23 49	1 42	17 56	0 35	20 14	0 18	8 52	1 41	23 37	0 21	1 9	1 28	25 2	7 14	6 54	7 19	15 20	1 30	3 34
S 25	13 7	18 8	4 11	21 36	2 46	24 1	1 45	17 54	0 32	20 13	0 18	8 50	1 41	23 37	0 21	1 10	1 28	25 2	7 14	6 56	7 20	15 19	1 29	3 33
M26	13 26	16 30	3 19	21 43	2 44	24 13	1 47	17 52	0 30	20 12	0 18	8 48	1 42	23 37	0 21	1 10	1 28	25 2	7 14	6 56	7 21	15 18	1 27	3 33
T 27	13 45	13 51	2 16	21 48	2 41	24 24	1 50	17 51	0 28	20 11	0 18	8 47	1 42	23 37	0 21	1 11	1 28	25 1	7 14	6 56	7 23	15 17	1 25	3 32
W28	14 5	10 23	1 4	21 50	2 36	24 34	1 52	17 49	0 25	20 11	0 18	8 45	1 42	23 37	0 21	1 12	1 28	25 1	7 13	6 56	7 24	15 16	1 23	3 31
T 29	14 23	6 19	0n11	21 50	2 30	24 44	1 54	17 46	0 22	20 10	0 18	8 43	1 42	23 36	0 21	1 13	1 28	25 1	7 13	6 55	7 25	15 15	1 22	3 31
F 30	14n42	1n55	1n25	21n47	2n24	24n52	1n57	17s44	0n20	20s 9	0s19	8s41	1s42	23n36	0n21	1n13	1s28	25n 1	7n13	6n56	7n26	15s14	1s20	3s30

Julian Day Number = 2342062.5, Delta T = 14.20 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'21, Lahiri = 19°40'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

MAY 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 35	10♉31'50	12♎23	26♉53	19♊13	20°R45	1♒36	11♓58	7♋42	6♈30	8♌54	12°R19	10♍59	9♒58	25°R15	S 1
S 2	14 39 31	11°29'53	26°10	26°59	20°23	20♏26	1°39	12° 3	7°44	6°32	8°54	12♍13	10°56	10° 5	25♍12	S 2
M 3	14 43 28	12°27'55	9♏46	26°R59	21°32	20° 6	1°43	12° 8	7°46	6°34	8°55	12° 5	10°53	10°11	25°10	M 3
T 4	14 47 24	13°25'55	23° 7	26°54	22°41	19°46	1°46	12°13	7°49	6°36	8°55	11°55	10°49	10°18	25° 8	T 4
W 5	14 51 21	14°23'53	6♐11	26°45	23°51	19°25	1°49	12°18	7°51	6°37	8°55	11°44	10°46	10°25	25° 6	W 5
T 6	14 55 17	15°21'50	18°58	26°31	25° 0	19° 5	1°52	12°22	7°54	6°39	8°56	11°33	10°43	10°31	25° 4	T 6
F 7	14 59 14	16°19'46	1♑27	26°12	26° 9	18°44	1°54	12°27	7°56	6°41	8°56	11°24	10°40	10°38	25° 2	F 7
S 8	15 3 10	17°17'40	13°40	25°50	27°17	18°22	1°57	12°31	7°59	6°43	8°57	11°17	10°37	10°45	25° 1	S 8
S 9	15 7 7	18°15'33	25°41	25°24	28°26	18° 1	1°59	12°35	8° 2	6°45	8°57	11°12	10°34	10°51	24°59	S 9
M10	15 11 4	19°13'24	7♒34	24°56	29°35	17°40	2° 1	12°40	8° 4	6°47	8°58	11°10	10°30	10°58	24°57	M10
T 11	15 15 0	20°11'14	19°24	24°25	0♋43	17°18	2° 3	12°44	8° 7	6°48	8°58	11°D 9	10°27	11° 5	24°56	T 11
W12	15 18 57	21° 9'03	1♓15	23°52	1°51	16°56	2° 5	12°48	8°10	6°50	8°59	11°10	10°24	11°11	24°55	W12
T 13	15 22 53	22° 6'51	13°13	23°18	3° 0	16°35	2° 6	12°52	8°12	6°52	8°59	11°R10	10°21	11°18	24°54	T 13
F 14	15 26 50	23° 4'38	25°24	22°43	4° 8	16°13	2° 7	12°56	8°15	6°54	9° 0	11° 9	10°18	11°25	24°53	F 14
S 15	15 30 46	24° 2'24	7♈52	22° 8	5°15	15°52	2° 9	13° 0	8°18	6°55	9° 1	11° 6	10°15	11°31	24°52	S 15
S 16	15 34 43	25° 0'08	20°40	21°33	6°23	15°31	2° 9	13° 4	8°21	6°57	9° 1	11° 1	10°11	11°38	24°51	S 16
M17	15 38 39	25°57'51	3♉50	21° 0	7°31	15°10	2°10	13° 8	8°24	6°59	9° 2	10°53	10° 8	11°45	24°50	M17
T 18	15 42 36	26°55'33	17°23	20°28	8°38	14°49	2°11	13°11	8°26	7° 0	9° 3	10°43	10° 5	11°51	24°49	T 18
W19	15 46 33	27°53'14	1♊17	19°59	9°46	14°28	2°11	13°15	8°29	7° 2	9° 3	10°32	10° 2	11°58	24°49	W19
T 20	15 50 29	28°50'53	15°27	19°32	10°53	14° 8	2°R11	13°18	8°32	7° 3	9° 4	10°20	9°59	12° 5	24°49	T 20
F 21	15 54 26	29°48'32	29°47	19° 9	12° 0	13°48	2°11	13°22	8°35	7° 5	9° 5	10°10	9°55	12°11	24°48	F 21
S 22	15 58 22	0♊46'09	14♋13	18°49	13° 7	13°29	2°11	13°25	8°38	7° 7	9° 6	10° 2	9°52	12°18	24°48	S 22
S 23	16 2 19	1°43'44	28°37	18°32	14°13	13°10	2°11	13°28	8°41	7° 8	9° 7	9°56	9°49	12°25	24°D48	S 23
M24	16 6 15	2°41'18	12♌57	18°20	15°20	12°52	2°10	13°31	8°45	7° 9	9° 7	9°53	9°46	12°31	24°48	M24
T 25	16 10 12	3°38'51	27° 9	18°11	16°26	12°34	2° 9	13°34	8°48	7°11	9° 8	9°52	9°43	12°38	24°48	T 25
W26	16 14 8	4°36'22	11♍12	18°D 7	17°32	12°17	2° 9	13°37	8°51	7°12	9° 9	9°52	9°40	12°45	24°49	W26
T 27	16 18 5	5°33'51	25° 5	18° 8	18°38	12° 0	2° 7	13°40	8°54	7°14	9°10	9°52	9°36	12°51	24°49	T 27
F 28	16 22 2	6°31'20	8♎48	18°13	19°44	11°44	2° 6	13°43	8°57	7°15	9°11	9°50	9°33	12°58	24°50	F 28
S 29	16 25 58	7°28'47	22°22	18°22	20°49	11°28	2° 5	13°46	9° 0	7°16	9°12	9°45	9°30	13° 5	24°50	S 29
S 30	16 29 55	8°26'13	5♏45	18°36	21°55	11°14	2° 3	13°48	9° 4	7°18	9°13	9°38	9°27	13°11	24°51	S 30
M31	16 33 51	9♊23'37	18♏58	18♉54	23♋ 0	11♏ 0	2♒ 1	13♓51	9♋ 7	7♈19	9♌14	9♍28	9♍24	13♒18	24♍52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 0	2s33	2n33	21n41	2n16	25n 1	1n59	17s42	0n17	20s 8	0s19	8s40	1s42	23n36	0n21	1n14	1s28	25n 1	7n13	6n57	7n27	15s13	1s19	3s29
S 2	15 18	6 50	3 32	21 34	2 6	25 8	2 1	17 39	0 14	20 8	0 19	8 38	1 43	23 36	0 21	1 15	1 28	25 0	7 13	6 59	7 29	15 12	1 17	3 29
M 3	15 36	10 41	4 17	21 24	1 56	25 15	2 3	17 36	0 12	20 7	0 19	8 36	1 43	23 36	0 21	1 16	1 28	25 0	7 13	7 3	7 30	15 11	1 16	3 28
T 4	15 54	13 56	4 48	21 12	1 45	25 21	2 5	17 34	0 9	20 7	0 19	8 35	1 43	23 36	0 21	1 16	1 28	25 0	7 13	7 6	7 31	15 10	1 14	3 27
W 5	16 11	16 24	5 2	20 57	1 32	25 27	2 7	17 31	0 6	20 6	0 20	8 33	1 43	23 36	0 21	1 17	1 28	25 0	7 13	7 10	7 32	15 9	1 13	3 27
T 6	16 28	18 1	5 1	20 41	1 19	25 32	2 9	17 28	0 3	20 6	0 20	8 31	1 43	23 35	0 21	1 18	1 28	25 0	7 12	7 14	7 34	15 8	1 11	3 26
F 7	16 45	18 42	4 46	20 22	1 4	25 36	2 11	17 25	0 1	20 5	0 20	8 30	1 44	23 35	0 21	1 19	1 28	24 59	7 12	7 18	7 35	15 7	1 10	3 25
S 8	17 1	18 31	4 17	20 2	0 49	25 39	2 13	17 22	0s 2	20 5	0 20	8 28	1 44	23 35	0 21	1 19	1 28	24 59	7 12	7 21	7 36	15 6	1 9	3 25
S 9	17 18	17 28	3 38	19 40	0 33	25 42	2 14	17 18	0 5	20 5	0 20	8 27	1 44	23 35	0 21	1 20	1 28	24 59	7 12	7 22	7 37	15 5	1 8	3 24
M10	17 33	15 41	2 49	19 17	0 16	25 44	2 16	17 15	0 8	20 4	0 20	8 25	1 44	23 35	0 21	1 21	1 28	24 59	7 12	7 23	7 38	15 4	1 6	3 23
T 11	17 49	13 14	1 53	18 53	0s 1	25 46	2 17	17 12	0 11	20 4	0 21	8 24	1 45	23 35	0 21	1 21	1 28	24 58	7 12	7 24	7 40	15 3	1 5	3 23
W12	18 4	10 14	0 53	18 28	0 18	25 46	2 19	17 9	0 14	20 4	0 21	8 23	1 45	23 34	0 21	1 22	1 28	24 58	7 12	7 24	7 41	15 1	1 4	3 22
T 13	18 19	6 46	0s11	18 3	0 36	25 46	2 20	17 5	0 17	20 4	0 21	8 21	1 45	23 34	0 21	1 23	1 28	24 58	7 12	7 23	7 42	15 0	1 3	3 21
F 14	18 34	2 59	1 15	17 37	0 53	25 46	2 21	17 2	0 20	20 4	0 21	8 20	1 45	23 34	0 21	1 23	1 28	24 58	7 11	7 24	7 43	14 59	1 2	3 21
S 15	18 49	1n 2	2 17	17 11	1 11	25 44	2 22	16 58	0 23	20 4	0 21	8 19	1 45	23 34	0 21	1 24	1 28	24 57	7 11	7 25	7 44	14 58	1 1	3 20
S 16	19 3	5 6	3 13	16 46	1 28	25 42	2 23	16 55	0 26	20 4	0 22	8 17	1 46	23 34	0 21	1 24	1 29	24 57	7 11	7 27	7 46	14 57	1 0	3 19
M17	19 17	9 2	4 1	16 21	1 44	25 40	2 24	16 52	0 28	20 4	0 22	8 16	1 46	23 33	0 21	1 25	1 29	24 57	7 11	7 30	7 47	14 56	0 59	3 19
T 18	19 30	12 37	4 37	15 58	2 0	25 36	2 25	16 48	0 31	20 4	0 22	8 15	1 46	23 33	0 21	1 26	1 29	24 56	7 11	7 34	7 48	14 55	0 58	3 18
W19	19 43	15 36	4 57	15 36	2 15	25 32	2 26	16 45	0 34	20 4	0 22	8 14	1 46	23 33	0 21	1 26	1 29	24 56	7 11	7 38	7 49	14 54	0 57	3 17
T 20	19 56	17 42	5 0	15 15	2 29	25 28	2 27	16 42	0 37	20 4	0 22	8 13	1 46	23 33	0 21	1 27	1 29	24 56	7 11	7 42	7 50	14 53	0 56	3 16
F 21	20 8	18 45	4 44	14 56	2 43	25 22	2 27	16 38	0 40	20 4	0 23	8 12	1 47	23 33	0 21	1 27	1 29	24 55	7 11	7 46	7 52	14 52	0 56	3 16
S 22	20 21	18 35	4 10	14 38	2 55	25 17	2 28	16 35	0 43	20 4	0 23	8 10	1 47	23 33	0 21	1 28	1 29	24 55	7 11	7 49	7 53	14 51	0 55	3 15
S 23	20 32	17 12	3 20	14 23	3 6	25 10	2 28	16 32	0 45	20 5	0 23	8 9	1 47	23 32	0 21	1 29	1 29	24 55	7 10	7 51	7 54	14 50	0 54	3 14
M24	20 44	14 45	2 17	14 10	3 16	25 3	2 28	16 29	0 48	20 5	0 23	8 8	1 47	23 32	0 21	1 29	1 29	24 54	7 10	7 52	7 55	14 48	0 54	3 14
T 25	20 55	11 26	1 7	13 59	3 25	24 55	2 28	16 26	0 51	20 5	0 23	8 7	1 48	23 32	0 21	1 30	1 29	24 54	7 10	7 53	7 56	14 47	0 53	3 13
W26	21 6	7 29	0n 7	13 51	3 33	24 46	2 28	16 24	0 54	20 6	0 24	8 7	1 48	23 32	0 21	1 30	1 29	24 54	7 10	7 53	7 58	14 46	0 53	3 12
T 27	21 16	3 11	1 20	13 45	3 39	24 37	2 28	16 21	0 56	20 6	0 24	8 6	1 48	23 31	0 21	1 31	1 29	24 53	7 10	7 53	7 59	14 45	0 52	3 12
F 28	21 26	1s15	2 27	13 41	3 44	24 28	2 28	16 19	0 59	20 7	0 24	8 5	1 48	23 31	0 21	1 31	1 29	24 53	7 10	7 54	8 0	14 44	0 52	3 11
S 29	21 35	5 33	3 24	13 39	3 49	24 17	2 28	16 16	1 1	20 7	0 24	8 4	1 49	23 31	0 21	1 32	1 29	24 53	7 10	7 55	8 1	14 43	0 51	3 10
S 30	21 45	9 31	4 10	13 40	3 52	24 7	2 27	16 14	1 4	20 8	0 24	8 3	1 49	23 31	0 21	1 32	1 29	24 52	7 10	7 58	8 2	14 42	0 51	3 10
M31	21n54	12s58	4n42	13n43	3s54	23n55	2n26	16s12	1s 6	20s 8	0s25	8s 2	1s49	23n31	0n21	1n33	1s29	24n52	7n10	8n 2	8n 4	14s41	0s51	3s 9

Julian Day Number = 2342092.5, Delta T = 14.17 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'25, Lahiri = 19°40'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

JUNE 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 48	10♊21'01	1♐58	19♉17	24♋ 5	10°R47	1°R59	13♓53	9♋10	7♈20	9♌15	9°R16	9♍20	13♒25	24♍53	T 1
W 2	16 41 44	11°18'24	14°45	19°44	25° 9	10♏34	1♒57	13°55	9°13	7°22	9°16	9♍ 3	9°17	13°31	24°54	W 2
T 3	16 45 41	12°15'46	27°19	20°15	26°14	10°22	1°54	13°58	9°17	7°23	9°17	8°50	9°14	13°38	24°55	T 3
F 4	16 49 37	13°13'07	9♑39	20°51	27°18	10°11	1°52	14° 0	9°20	7°24	9°18	8°39	9°11	13°45	24°57	F 4
S 5	16 53 34	14°10'28	21°46	21°30	28°22	10° 1	1°49	14° 2	9°23	7°25	9°20	8°30	9° 8	13°51	24°58	S 5
S 6	16 57 31	15° 7'48	3♒44	22°14	29°26	9°51	1°46	14° 4	9°27	7°26	9°21	8°23	9° 5	13°58	25° 0	S 6
M 7	17 1 27	16° 5'07	15°35	23° 2	0♌29	9°43	1°43	14° 5	9°30	7°27	9°22	8°19	9° 1	14° 5	25° 2	M 7
T 8	17 5 24	17° 2'26	27°23	23°53	1°32	9°35	1°39	14° 7	9°34	7°28	9°23	8°17	8°58	14°11	25° 3	T 8
W 9	17 9 20	17°59'44	9♓13	24°48	2°35	9°28	1°36	14° 9	9°37	7°29	9°24	8°D17	8°55	14°18	25° 5	W 9
T 10	17 13 17	18°57'02	21°11	25°47	3°38	9°22	1°32	14°10	9°40	7°30	9°25	8°R17	8°52	14°25	25° 7	T 10
F 11	17 17 13	19°54'19	3♈22	26°50	4°40	9°16	1°28	14°12	9°44	7°31	9°27	8°16	8°49	14°31	25° 9	F 11
S 12	17 21 10	20°51'37	15°51	27°56	5°43	9°12	1°24	14°13	9°47	7°32	9°28	8°14	8°46	14°38	25°12	S 12
S 13	17 25 6	21°48'53	28°42	29° 5	6°44	9° 8	1°20	14°14	9°51	7°33	9°29	8°10	8°42	14°44	25°14	S 13
M14	17 29 3	22°46'10	11♉59	0♊18	7°46	9° 5	1°15	14°16	9°54	7°34	9°31	8° 3	8°39	14°51	25°17	M14
T 15	17 33 0	23°43'26	25°42	1°34	8°47	9° 3	1°11	14°17	9°58	7°35	9°32	7°54	8°36	14°58	25°19	T 15
W16	17 36 56	24°40'42	9♊51	2°54	9°48	9° 2	1° 6	14°18	10° 1	7°36	9°33	7°43	8°33	15° 4	25°22	W16
T 17	17 40 53	25°37'58	24°20	4°17	10°49	9°D 1	1° 1	14°19	10° 5	7°37	9°35	7°32	8°30	15°11	25°25	T 17
F 18	17 44 49	26°35'13	9♋ 4	5°44	11°49	9° 2	0°56	14°19	10° 8	7°37	9°36	7°23	8°26	15°18	25°28	F 18
S 19	17 48 46	27°32'28	23°53	7°13	12°49	9° 3	0°51	14°20	10°12	7°38	9°37	7°15	8°23	15°24	25°31	S 19
S 20	17 52 42	28°29'43	8♌40	8°46	13°48	9° 5	0°46	14°20	10°16	7°39	9°39	7°10	8°20	15°31	25°34	S 20
M21	17 56 39	29°26'56	23°19	10°22	14°48	9° 8	0°40	14°21	10°19	7°40	9°40	7° 7	8°17	15°38	25°37	M21
T 22	18 0 35	0♋24'10	7♍44	12° 1	15°46	9°11	0°35	14°21	10°23	7°40	9°42	7°D 7	8°14	15°44	25°40	T 22
W23	18 4 32	1°21'22	21°52	13°43	16°45	9°16	0°29	14°22	10°26	7°41	9°43	7° 7	8°11	15°51	25°44	W23
T 24	18 8 29	2°18'34	5♎44	15°29	17°43	9°21	0°23	14°22	10°30	7°41	9°45	7°R 7	8° 7	15°58	25°47	T 24
F 25	18 12 25	3°15'46	19°19	17°17	18°40	9°27	0°17	14°R22	10°34	7°42	9°46	7° 6	8° 4	16° 4	25°51	F 25
S 26	18 16 22	4°12'57	2♏39	19° 8	19°37	9°34	0°11	14°22	10°37	7°42	9°48	7° 3	8° 1	16°11	25°55	S 26
S 27	18 20 18	5°10'08	15°45	21° 2	20°34	9°41	0° 5	14°22	10°41	7°43	9°49	6°57	7°58	16°18	25°58	S 27
M28	18 24 15	6° 7'18	28°37	22°58	21°30	9°50	29♑58	14°21	10°44	7°43	9°51	6°49	7°55	16°24	26° 2	M28
T 29	18 28 11	7° 4'28	11♐18	24°57	22°26	9°59	29°52	14°21	10°48	7°44	9°52	6°40	7°52	16°31	26° 6	T 29
W30	18 32 8	8♋ 1'39	23♐48	26♊58	23♌21	10♏ 8	29♑45	14♓21	10♋52	7♈44	9♌54	6♍29	7♍48	16♒38	26♍11	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	15s43	4n58	13n48	3s55	23n43	2n26	16s10	1s 9	20s 9	0s25	8s 2	1s49	23n30	0n21	1n33	1s29	24n51	7n 9	8n 7	8n 5	14s40	0s51	3s 8
W 2	22 10	17 39	4 59	13 55	3 55	23 31	2 25	16 9	1 11	20 10	0 25	8 1	1 50	23 30	0 21	1 33	1 29	24 51	7 9	8 11	8 6	14 38	0 50	3 7
T 3	22 18	18 42	4 45	14 4	3 54	23 18	2 24	16 7	1 14	20 11	0 25	8 0	1 50	23 30	0 21	1 34	1 29	24 51	7 9	8 16	8 7	14 37	0 50	3 7
F 4	22 25	18 50	4 18	14 15	3 52	23 4	2 23	16 6	1 16	20 11	0 25	8 0	1 50	23 30	0 21	1 34	1 29	24 50	7 9	8 20	8 8	14 36	0 50	3 6
S 5	22 32	18 6	3 40	14 28	3 50	22 50	2 22	16 5	1 18	20 12	0 26	7 59	1 50	23 29	0 21	1 35	1 29	24 50	7 9	8 24	8 10	14 35	0 50	3 5
S 6	22 39	16 33	2 52	14 42	3 46	22 35	2 20	16 4	1 20	20 13	0 26	7 59	1 51	23 29	0 21	1 35	1 30	24 49	7 9	8 26	8 11	14 34	0 50	3 5
M 7	22 45	14 19	1 57	14 59	3 42	22 20	2 19	16 3	1 23	20 14	0 26	7 58	1 51	23 29	0 21	1 36	1 30	24 49	7 9	8 28	8 12	14 33	0 50	3 4
T 8	22 51	11 30	0 58	15 16	3 37	22 5	2 17	16 3	1 25	20 15	0 26	7 58	1 51	23 29	0 21	1 36	1 30	24 49	7 9	8 28	8 13	14 32	0 50	3 3
W 9	22 56	8 12	0s 5	15 35	3 31	21 48	2 15	16 2	1 27	20 16	0 26	7 57	1 51	23 28	0 21	1 36	1 30	24 48	7 9	8 29	8 14	14 31	0 50	3 3
T 10	23 1	4 32	1 8	15 55	3 25	21 32	2 13	16 2	1 29	20 17	0 27	7 57	1 52	23 28	0 21	1 37	1 30	24 48	7 9	8 29	8 15	14 29	0 51	3 2
F 11	23 5	0 38	2 9	16 16	3 18	21 15	2 11	16 2	1 31	20 18	0 27	7 57	1 52	23 28	0 21	1 37	1 30	24 47	7 9	8 29	8 17	14 28	0 51	3 1
S 12	23 10	3n23	3 5	16 38	3 10	20 58	2 9	16 3	1 33	20 19	0 27	7 56	1 52	23 28	0 21	1 37	1 30	24 47	7 9	8 30	8 18	14 27	0 51	3 1
S 13	23 13	7 23	3 54	17 2	3 2	20 40	2 7	16 3	1 35	20 20	0 27	7 56	1 52	23 27	0 21	1 38	1 30	24 47	7 8	8 31	8 19	14 26	0 51	3 0
M14	23 17	11 8	4 32	17 26	2 53	20 21	2 4	16 4	1 36	20 21	0 27	7 56	1 52	23 27	0 21	1 38	1 30	24 46	7 8	8 34	8 20	14 25	0 52	2 59
T 15	23 20	14 26	4 55	17 50	2 44	20 3	2 2	16 5	1 38	20 22	0 28	7 56	1 53	23 27	0 21	1 38	1 30	24 46	7 8	8 37	8 21	14 24	0 52	2 59
W16	23 22	16 59	5 2	18 15	2 34	19 44	1 59	16 6	1 40	20 24	0 28	7 56	1 53	23 27	0 21	1 38	1 30	24 45	7 8	8 41	8 23	14 22	0 53	2 58
T 17	23 24	18 32	4 49	18 41	2 24	19 24	1 56	16 8	1 42	20 25	0 28	7 56	1 53	23 26	0 21	1 39	1 30	24 45	7 8	8 45	8 24	14 21	0 53	2 57
F 18	23 26	18 53	4 18	19 7	2 13	19 5	1 53	16 10	1 43	20 26	0 28	7 55	1 54	23 26	0 21	1 39	1 30	24 44	7 8	8 49	8 25	14 20	0 54	2 57
S 19	23 27	17 56	3 28	19 32	2 2	18 45	1 50	16 11	1 45	20 28	0 28	7 55	1 54	23 26	0 21	1 39	1 30	24 44	7 8	8 52	8 26	14 19	0 54	2 56
S 20	23 28	15 47	2 25	19 58	1 51	18 24	1 46	16 14	1 46	20 29	0 29	7 55	1 54	23 26	0 21	1 39	1 30	24 43	7 8	8 54	8 27	14 18	0 55	2 55
M21	23 28	12 37	1 13	20 24	1 40	18 3	1 43	16 16	1 48	20 30	0 29	7 56	1 54	23 25	0 21	1 40	1 30	24 43	7 8	8 55	8 29	14 17	0 55	2 55
T 22	23 29	8 44	0n 3	20 49	1 28	17 42	1 39	16 18	1 49	20 32	0 29	7 56	1 55	23 25	0 21	1 40	1 30	24 43	7 8	8 55	8 30	14 15	0 56	2 54
W23	23 28	4 25	1 18	21 13	1 16	17 21	1 35	16 21	1 51	20 33	0 29	7 56	1 55	23 25	0 21	1 40	1 30	24 42	7 8	8 55	8 31	14 14	0 57	2 53
T 24	23 27	0s 2	2 26	21 37	1 4	17 0	1 31	16 24	1 52	20 35	0 29	7 56	1 55	23 25	0 21	1 40	1 30	24 42	7 8	8 55	8 32	14 13	0 58	2 53
F 25	23 26	4 24	3 25	22 0	0 52	16 38	1 27	16 27	1 54	20 36	0 29	7 56	1 55	23 24	0 21	1 40	1 31	24 41	7 8	8 55	8 33	14 12	0 59	2 52
S 26	23 25	8 28	4 12	22 22	0 40	16 16	1 22	16 31	1 55	20 37	0 30	7 56	1 56	23 24	0 21	1 41	1 31	24 41	7 8	8 56	8 35	14 11	1 0	2 51
S 27	23 22	12 3	4 44	22 42	0 28	15 53	1 18	16 34	1 56	20 39	0 30	7 57	1 56	23 24	0 21	1 41	1 31	24 40	7 8	8 58	8 36	14 10	1 0	2 51
M28	23 20	14 59	5 1	23 1	0 16	15 31	1 13	16 38	1 57	20 41	0 30	7 57	1 56	23 23	0 21	1 41	1 31	24 40	7 8	9 1	8 37	14 8	1 1	2 50
T 29	23 17	17 10	5 3	23 18	0 5	15 8	1 8	16 42	1 59	20 42	0 30	7 57	1 56	23 23	0 21	1 41	1 31	24 39	7 8	9 5	8 38	14 7	1 2	2 49
W30	23n14	18s29	4n51	23n33	0n 7	14n45	1n 3	16s46	2s 0	20s44	0s30	7s58	1s57	23n23	0n21	1n41	1s31	24n39	7n 8	9n 9	8n39	14s 6	1s 4	2s49

Julian Day Number = 2342123.5, Delta T = 14.14 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'30, Lahiri = 19°40'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

JULY 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 4	8♋58'49	6♉ 6	29♊ 1	24♌16	10♏19	29°R39	14°R20	10♋55	7♈44	9♌55	6°R19	7♍45	16♒44	26♍15	T 1
F 2	18 40 1	9°55'59	18°15	1♋ 6	25°10	10°30	29♉32	14♓19	10°59	7°45	9°57	6♍10	7°42	16°51	26°19	F 2
S 3	18 43 58	10°53'09	0♒14	3°12	26° 3	10°41	29°25	14°19	11° 3	7°45	9°59	6° 2	7°39	16°58	26°24	S 3
S 4	18 47 54	11°50'20	12° 7	5°20	26°56	10°54	29°18	14°18	11° 6	7°45	10° 0	5°57	7°36	17° 4	26°28	S 4
M 5	18 51 51	12°47'30	23°55	7°28	27°49	11° 7	29°11	14°17	11°10	7°46	10° 2	5°54	7°32	17°11	26°33	M 5
T 6	18 55 47	13°44'41	5♓42	9°37	28°41	11°20	29° 4	14°16	11°14	7°46	10° 4	5°D54	7°29	17°18	26°37	T 6
W 7	18 59 44	14°41'53	17°32	11°47	29°32	11°35	28°57	14°15	11°17	7°46	10° 5	5°54	7°26	17°24	26°42	W 7
T 8	19 3 40	15°39'04	29°30	13°56	0♍22	11°50	28°49	14°14	11°21	7°46	10° 7	5°55	7°23	17°31	26°47	T 8
F 9	19 7 37	16°36'17	11♈40	16° 6	1°12	12° 5	28°42	14°12	11°24	7°46	10° 9	5°R56	7°20	17°38	26°52	F 9
S 10	19 11 33	17°33'30	24° 7	18°14	2° 1	12°21	28°34	14°11	11°28	7°46	10°10	5°56	7°17	17°44	26°57	S 10
S 11	19 15 30	18°30'43	6♉57	20°23	2°49	12°38	28°27	14° 9	11°32	7°R46	10°12	5°54	7°13	17°51	27° 2	S 11
M12	19 19 27	19°27'57	20°13	22°30	3°37	12°55	28°19	14° 8	11°35	7°46	10°14	5°51	7°10	17°58	27° 8	M12
T 13	19 23 23	20°25'12	3♊56	24°36	4°24	13°13	28°12	14° 6	11°39	7°46	10°15	5°46	7° 7	18° 4	27°13	T 13
W14	19 27 20	21°22'28	18° 8	26°41	5°10	13°32	28° 4	14° 4	11°43	7°46	10°17	5°39	7° 4	18°11	27°18	W14
T 15	19 31 16	22°19'44	2♋44	28°44	5°55	13°51	27°56	14° 2	11°46	7°46	10°19	5°33	7° 1	18°17	27°24	T 15
F 16	19 35 13	23°17'01	17°39	0♌46	6°39	14°10	27°49	14° 1	11°50	7°46	10°21	5°27	6°58	18°24	27°29	F 16
S 17	19 39 9	24°14'18	2♌45	2°47	7°22	14°30	27°41	13°58	11°53	7°46	10°22	5°22	6°54	18°31	27°35	S 17
S 18	19 43 6	25°11'36	17°50	4°46	8° 5	14°51	27°33	13°56	11°57	7°45	10°24	5°19	6°51	18°37	27°41	S 18
M19	19 47 3	26° 8'54	2♍48	6°43	8°46	15°12	27°26	13°54	12° 0	7°45	10°26	5°D18	6°48	18°44	27°47	M19
T 20	19 50 59	27° 6'13	17°30	8°39	9°27	15°34	27°18	13°52	12° 4	7°45	10°28	5°18	6°45	18°51	27°53	T 20
W21	19 54 56	28° 3'32	1♎52	10°33	10° 6	15°56	27°10	13°49	12° 8	7°45	10°29	5°20	6°42	18°57	27°59	W21
T 22	19 58 52	29° 0'51	15°51	12°25	10°44	16°19	27° 2	13°47	12°11	7°44	10°31	5°21	6°38	19° 4	28° 5	T 22
F 23	20 2 49	29°58'11	29°28	14°16	11°21	16°42	26°54	13°44	12°15	7°44	10°33	5°R22	6°35	19°11	28°11	F 23
S 24	20 6 45	0♌55'31	12♏44	16° 4	11°57	17° 5	26°47	13°42	12°18	7°43	10°35	5°21	6°32	19°17	28°17	S 24
S 25	20 10 42	1°52'52	25°41	17°52	12°32	17°29	26°39	13°39	12°22	7°43	10°36	5°19	6°29	19°24	28°23	S 25
M26	20 14 38	2°50'13	8♐21	19°37	13° 5	17°54	26°31	13°36	12°25	7°43	10°38	5°15	6°26	19°31	28°30	M26
T 27	20 18 35	3°47'35	20°48	21°21	13°37	18°18	26°24	13°33	12°28	7°42	10°40	5°11	6°23	19°37	28°36	T 27
W28	20 22 32	4°44'58	3♑ 3	23° 3	14° 7	18°44	26°16	13°30	12°32	7°42	10°42	5° 6	6°19	19°44	28°43	W28
T 29	20 26 28	5°42'22	15° 9	24°43	14°36	19° 9	26° 8	13°27	12°35	7°41	10°44	5° 1	6°16	19°51	28°49	T 29
F 30	20 30 25	6°39'46	27° 7	26°22	15° 4	19°36	26° 1	13°24	12°39	7°40	10°45	4°56	6°13	19°57	28°56	F 30
S 31	20 34 21	7♌37'11	9♒ 0	27♌59	15♍30	20♏ 2	25♉53	13♓21	12♋42	7♈40	10♌47	4♍53	6♍10	20♒ 4	29♍ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	18s56	4n25	23n46	0n18	14n22	0n58	16s51	2s 1	20s45	0s31	7s58	1s57	23n23	0n21	1n41	1s31	24n38	7n 8	9n13	8n40	14s 5	1s 5	2s48
F 2	23 6	18 29	3 47	23 56	0 28	13 59	0 53	16 55	2 2	20 47	0 31	7 59	1 57	23 22	0 21	1 41	1 31	24 38	7 7	9 16	8 42	14 4	1 6	2 48
S 3	23 2	17 12	2 59	24 4	0 38	13 35	0 47	17 0	2 3	20 48	0 31	7 59	1 57	23 22	0 21	1 41	1 31	24 37	7 7	9 19	8 43	14 2	1 7	2 47
S 4	22 57	15 12	2 4	24 10	0 48	13 12	0 41	17 5	2 4	20 50	0 31	8 0	1 57	23 22	0 21	1 41	1 31	24 37	7 7	9 21	8 44	14 1	1 8	2 46
M 5	22 52	12 34	1 4	24 13	0 57	12 48	0 35	17 10	2 5	20 52	0 31	8 0	1 58	23 21	0 21	1 41	1 31	24 37	7 7	9 22	8 45	14 0	1 10	2 46
T 6	22 46	9 25	0 1	24 12	1 5	12 24	0 29	17 15	2 6	20 53	0 31	8 1	1 58	23 21	0 21	1 41	1 31	24 36	7 7	9 22	8 46	13 59	1 11	2 45
W 7	22 40	5 53	1s 3	24 10	1 13	12 1	0 23	17 20	2 7	20 55	0 32	8 2	1 58	23 21	0 21	1 41	1 31	24 36	7 7	9 22	8 48	13 57	1 12	2 44
T 8	22 33	2 6	2 4	24 4	1 20	11 37	0 16	17 26	2 8	20 57	0 32	8 2	1 58	23 20	0 21	1 41	1 31	24 35	7 7	9 21	8 49	13 56	1 14	2 44
F 9	22 27	1n51	3 1	23 56	1 26	11 13	0 10	17 31	2 9	20 58	0 32	8 3	1 59	23 20	0 21	1 41	1 31	24 35	7 7	9 21	8 50	13 55	1 15	2 43
S 10	22 19	5 47	3 51	23 44	1 31	10 49	0 3	17 37	2 9	21 0	0 32	8 4	1 59	23 20	0 21	1 41	1 31	24 34	7 7	9 21	8 51	13 54	1 16	2 43
S 11	22 12	9 35	4 31	23 31	1 36	10 25	0s 4	17 43	2 10	21 2	0 32	8 5	1 59	23 20	0 21	1 41	1 31	24 34	7 7	9 22	8 52	13 53	1 18	2 42
M12	22 4	13 2	4 58	23 14	1 40	10 1	0 12	17 49	2 11	21 3	0 32	8 5	1 59	23 19	0 21	1 41	1 32	24 33	7 7	9 23	8 53	13 51	1 20	2 42
T 13	21 55	15 54	5 9	22 56	1 43	9 37	0 19	17 55	2 12	21 5	0 33	8 6	2 0	23 19	0 21	1 41	1 32	24 33	7 7	9 25	8 55	13 50	1 21	2 41
W14	21 46	17 56	5 2	22 35	1 46	9 13	0 27	18 2	2 12	21 7	0 33	8 7	2 0	23 19	0 21	1 41	1 32	24 32	7 7	9 27	8 56	13 49	1 23	2 40
T 15	21 37	18 51	4 35	22 12	1 47	8 49	0 35	18 8	2 13	21 9	0 33	8 8	2 0	23 18	0 21	1 41	1 32	24 32	7 7	9 29	8 57	13 48	1 24	2 40
F 16	21 28	18 31	3 50	21 47	1 48	8 25	0 43	18 14	2 14	21 10	0 33	8 9	2 0	23 18	0 21	1 41	1 32	24 31	7 7	9 32	8 58	13 46	1 26	2 39
S 17	21 18	16 51	2 48	21 20	1 49	8 1	0 51	18 21	2 14	21 12	0 33	8 10	2 1	23 18	0 21	1 41	1 32	24 31	7 7	9 33	8 59	13 45	1 28	2 39
S 18	21 8	14 1	1 34	20 51	1 48	7 38	1 0	18 28	2 15	21 14	0 33	8 11	2 1	23 17	0 21	1 41	1 32	24 30	7 7	9 35	9 1	13 44	1 30	2 38
M19	20 57	10 17	0 14	20 21	1 47	7 14	1 8	18 35	2 15	21 15	0 33	8 12	2 1	23 17	0 21	1 40	1 32	24 30	7 7	9 35	9 2	13 43	1 31	2 38
T 20	20 46	5 58	1n 6	19 50	1 46	6 51	1 17	18 41	2 16	21 17	0 34	8 13	2 1	23 17	0 21	1 40	1 32	24 29	7 7	9 35	9 3	13 41	1 33	2 37
W21	20 35	1 24	2 20	19 17	1 44	6 28	1 26	18 48	2 16	21 19	0 34	8 14	2 1	23 16	0 21	1 40	1 32	24 29	7 8	9 34	9 4	13 40	1 35	2 36
T 22	20 23	3s 7	3 23	18 43	1 41	6 5	1 36	18 56	2 17	21 20	0 34	8 16	2 2	23 16	0 21	1 40	1 32	24 28	7 8	9 34	9 5	13 39	1 37	2 36
F 23	20 11	7 21	4 13	18 8	1 37	5 42	1 45	19 3	2 17	21 22	0 34	8 17	2 2	23 16	0 21	1 40	1 32	24 28	7 8	9 34	9 6	13 38	1 39	2 35
S 24	19 59	11 6	4 49	17 32	1 34	5 19	1 55	19 10	2 18	21 23	0 34	8 18	2 2	23 16	0 21	1 39	1 32	24 27	7 8	9 34	9 8	13 36	1 41	2 35
S 25	19 46	14 13	5 8	16 55	1 29	4 57	2 5	19 17	2 18	21 25	0 34	8 19	2 2	23 15	0 21	1 39	1 32	24 27	7 8	9 35	9 9	13 35	1 43	2 34
M26	19 33	16 36	5 12	16 18	1 25	4 35	2 15	19 25	2 19	21 27	0 34	8 21	2 3	23 15	0 21	1 39	1 32	24 27	7 8	9 36	9 10	13 34	1 45	2 34
T 27	19 20	18 9	5 1	15 40	1 19	4 13	2 25	19 32	2 19	21 28	0 35	8 22	2 3	23 15	0 21	1 39	1 32	24 26	7 8	9 38	9 11	13 33	1 47	2 33
W28	19 6	18 50	4 36	15 1	1 14	3 52	2 36	19 39	2 19	21 30	0 35	8 23	2 3	23 14	0 21	1 38	1 32	24 26	7 8	9 39	9 12	13 31	1 49	2 33
T 29	18 52	18 39	4 0	14 22	1 8	3 31	2 46	19 47	2 20	21 31	0 35	8 25	2 3	23 14	0 21	1 38	1 32	24 25	7 8	9 41	9 13	13 30	1 51	2 32
F 30	18 38	17 37	3 12	13 42	1 1	3 10	2 57	19 54	2 20	21 33	0 35	8 26	2 3	23 14	0 21	1 38	1 33	24 25	7 8	9 43	9 15	13 29	1 54	2 32
S 31	18n24	15s50	2n17	13n 3	0n55	2n50	3s 8	20s 2	2s20	21s34	0s35	8s27	2s 4	23n13	0n21	1n38	1s33	24n24	7n 8	9n44	9n16	13s28	1s56	2s31

Julian Day Number = 2342153.5, Delta T = 14.12 sec
Ecliptic obliquity = 23°28'32, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'34, Lahiri = 19°40'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

AUGUST 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 18	8♌34'37	20♒49	29♌35	15♍54	20♏29	25°R46	13°R18	12♋46	7°R39	10♌49	4°R50	6♍ 7	20♒11	29♍10	S 1
M 2	20 42 14	9°32'04	2♓36	1♍ 8	16°16	20°56	25♑39	13♓14	12°49	7♈38	10°51	4°D50	6° 4	20°17	29°16	M 2
T 3	20 46 11	10°29'32	14°25	2°40	16°37	21°24	25°31	13°11	12°52	7°38	10°53	4♍50	6° 0	20°24	29°23	T 3
W 4	20 50 7	11°27'01	26°18	4°11	16°56	21°52	25°24	13° 7	12°56	7°37	10°55	4°51	5°57	20°31	29°30	W 4
T 5	20 54 4	12°24'32	8♈18	5°40	17°14	22°20	25°17	13° 4	12°59	7°36	10°56	4°53	5°54	20°37	29°37	T 5
F 6	20 58 0	13°22'04	20°30	7° 7	17°29	22°49	25°10	13° 0	13° 2	7°35	10°58	4°54	5°51	20°44	29°44	F 6
S 7	21 1 57	14°19'37	2♉58	8°32	17°42	23°18	25° 3	12°56	13° 5	7°35	11° 0	4°55	5°48	20°50	29°52	S 7
S 8	21 5 54	15°17'12	15°45	9°56	17°53	23°48	24°56	12°53	13° 9	7°34	11° 2	4°R56	5°44	20°57	29°59	S 8
M 9	21 9 50	16°14'49	28°56	11°18	18° 3	24°17	24°49	12°49	13°12	7°33	11° 4	4°55	5°41	21° 4	0♎ 6	M 9
T 10	21 13 47	17°12'27	12♊33	12°38	18°10	24°47	24°43	12°45	13°15	7°32	11° 5	4°54	5°38	21°10	0°13	T 10
W11	21 17 43	18°10'06	26°38	13°56	18°15	25°18	24°36	12°41	13°18	7°31	11° 7	4°52	5°35	21°17	0°21	W11
T 12	21 21 40	19° 7'47	11♋ 8	15°13	18°17	25°49	24°30	12°37	13°21	7°30	11° 9	4°50	5°32	21°24	0°28	T 12
F 13	21 25 36	20° 5'30	25°59	16°27	18°R18	26°20	24°23	12°33	13°24	7°29	11°11	4°48	5°29	21°30	0°36	F 13
S 14	21 29 33	21° 3'14	11♌ 6	17°40	18°16	26°51	24°17	12°29	13°27	7°28	11°13	4°47	5°25	21°37	0°43	S 14
S 15	21 33 30	22° 0'59	26°18	18°50	18°11	27°23	24°11	12°25	13°30	7°27	11°14	4°46	5°22	21°44	0°51	S 15
M16	21 37 26	22°58'46	11♍26	19°58	18° 5	27°55	24° 5	12°21	13°33	7°26	11°16	4°D46	5°19	21°50	0°59	M16
T 17	21 41 23	23°56'34	26°21	21° 4	17°56	28°27	23°59	12°17	13°36	7°25	11°18	4°47	5°16	21°57	1° 7	T 17
W18	21 45 19	24°54'23	10♎57	22° 8	17°44	28°59	23°54	12°12	13°39	7°24	11°20	4°48	5°13	22° 4	1°14	W18
T 19	21 49 16	25°52'13	25° 8	23° 9	17°31	29°32	23°48	12° 8	13°42	7°23	11°21	4°48	5°10	22°10	1°22	T 19
F 20	21 53 12	26°50'05	8♏54	24° 7	17°15	0♐ 5	23°43	12° 4	13°45	7°22	11°23	4°49	5° 6	22°17	1°30	F 20
S 21	21 57 9	27°47'57	22°13	25° 3	16°56	0°39	23°37	11°59	13°48	7°20	11°25	4°R49	5° 3	22°24	1°38	S 21
S 22	22 1 5	28°45'52	5♐10	25°56	16°35	1°13	23°32	11°55	13°51	7°19	11°27	4°49	5° 0	22°30	1°46	S 22
M23	22 5 2	29°43'47	17°46	26°46	16°13	1°46	23°27	11°51	13°54	7°18	11°28	4°49	4°57	22°37	1°54	M23
T 24	22 8 58	0♑41'44	0♑ 6	27°32	15°48	2°21	23°23	11°46	13°56	7°17	11°30	4°49	4°54	22°43	2° 2	T 24
W25	22 12 55	1°39'42	12°12	28°16	15°21	2°55	23°18	11°42	13°59	7°16	11°32	4°48	4°50	22°50	2°10	W25
T 26	22 16 52	2°37'41	24°10	28°55	14°52	3°30	23°14	11°37	14° 2	7°14	11°34	4°48	4°47	22°57	2°18	T 26
F 27	22 20 48	3°35'42	6♒ 1	29°30	14°21	4° 5	23° 9	11°33	14° 5	7°13	11°35	4°48	4°44	23° 3	2°26	F 27
S 28	22 24 45	4°33'44	17°50	0♎ 2	13°49	4°40	23° 5	11°28	14° 7	7°12	11°37	4°D48	4°41	23°10	2°35	S 28
S 29	22 28 41	5°31'48	29°38	0°28	13°15	5°15	23° 1	11°24	14°10	7°10	11°39	4°R48	4°38	23°17	2°43	S 29
M30	22 32 38	6°29'54	11♓28	0°50	12°41	5°51	22°58	11°19	14°12	7° 9	11°40	4°48	4°35	23°23	2°51	M30
T 31	22 36 34	7♍28'01	23♓22	1♎ 7	12♍ 5	6♐27	22♑54	11♓15	14♋15	7♈ 7	11♌42	4♍48	4♍31	23♒30	2♎59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 9	13s22	1n16	12n23	0n48	2n30	3s19	20s 9	2s21	21s36	0s35	8s29	2s 4	23n13	0n21	1n37	1s33	24n24	7n 8	9n45	9n17	13s26	1s58	2s31
M 2	17 54	10 22	0 12	11 43	0 40	2 11	3 31	20 17	2 21	21 37	0 35	8 30	2 4	23 13	0 21	1 37	1 33	24 23	7 8	9 45	9 18	13 25	2 0	2 30
T 3	17 38	6 57	0s53	11 3	0 32	1 52	3 42	20 25	2 21	21 39	0 35	8 32	2 4	23 12	0 21	1 37	1 33	24 23	7 8	9 45	9 19	13 24	2 3	2 30
W 4	17 22	3 15	1 56	10 22	0 25	1 34	3 54	20 32	2 21	21 40	0 35	8 33	2 4	23 12	0 21	1 36	1 33	24 22	7 8	9 45	9 21	13 22	2 5	2 29
T 5	17 6	0n38	2 54	9 42	0 16	1 17	4 6	20 40	2 22	21 42	0 36	8 35	2 4	23 12	0 21	1 36	1 33	24 22	7 8	9 44	9 22	13 21	2 7	2 29
F 6	16 50	4 31	3 46	9 2	0 8	1 0	4 18	20 47	2 22	21 43	0 36	8 36	2 5	23 12	0 21	1 36	1 33	24 22	7 8	9 44	9 23	13 20	2 10	2 28
S 7	16 33	8 18	4 29	8 22	0s 1	0 43	4 30	20 55	2 22	21 44	0 36	8 38	2 5	23 11	0 22	1 35	1 33	24 21	7 8	9 43	9 24	13 18	2 12	2 28
S 8	16 17	11 48	4 59	7 42	0 10	0 28	4 42	21 3	2 22	21 46	0 36	8 39	2 5	23 11	0 22	1 35	1 33	24 21	7 9	9 43	9 25	13 17	2 14	2 27
M 9	15 59	14 50	5 15	7 3	0 19	0 13	4 54	21 10	2 22	21 47	0 36	8 41	2 5	23 11	0 22	1 35	1 33	24 20	7 9	9 43	9 26	13 16	2 17	2 27
T 10	15 42	17 9	5 14	6 24	0 28	0s 1	5 7	21 18	2 23	21 48	0 36	8 43	2 5	23 10	0 22	1 34	1 33	24 20	7 9	9 44	9 28	13 15	2 19	2 26
W11	15 24	18 32	4 54	5 45	0 37	0 14	5 19	21 25	2 23	21 50	0 36	8 44	2 5	23 10	0 22	1 34	1 33	24 19	7 9	9 44	9 29	13 13	2 22	2 26
T 12	15 7	18 46	4 15	5 7	0 47	0 27	5 31	21 33	2 23	21 51	0 36	8 46	2 6	23 10	0 22	1 33	1 33	24 19	7 9	9 45	9 30	13 12	2 24	2 25
F 13	14 48	17 44	3 19	4 29	0 57	0 38	5 44	21 40	2 23	21 52	0 36	8 48	2 6	23 9	0 22	1 33	1 33	24 19	7 9	9 46	9 31	13 11	2 27	2 25
S 14	14 30	15 25	2 8	3 52	1 6	0 49	5 56	21 48	2 23	21 53	0 36	8 49	2 6	23 9	0 22	1 32	1 33	24 18	7 9	9 46	9 32	13 9	2 30	2 24
S 15	14 12	12 2	0 47	3 15	1 16	0 58	6 8	21 55	2 23	21 54	0 36	8 51	2 6	23 9	0 22	1 32	1 33	24 18	7 9	9 47	9 33	13 8	2 32	2 24
M16	13 53	7 51	0n37	2 40	1 26	1 7	6 20	22 3	2 23	21 55	0 36	8 53	2 6	23 9	0 22	1 32	1 33	24 17	7 9	9 47	9 35	13 7	2 35	2 23
T 17	13 34	3 14	1 57	2 4	1 36	1 14	6 32	22 10	2 23	21 57	0 37	8 55	2 6	23 8	0 22	1 31	1 33	24 17	7 9	9 46	9 36	13 5	2 38	2 23
W18	13 14	1s28	3 8	1 30	1 46	1 21	6 44	22 17	2 23	21 58	0 37	8 56	2 6	23 8	0 22	1 31	1 33	24 17	7 10	9 46	9 37	13 4	2 40	2 22
T 19	12 55	5 57	4 5	0 57	1 56	1 26	6 55	22 24	2 23	21 59	0 37	8 58	2 7	23 8	0 22	1 30	1 33	24 16	7 10	9 46	9 38	13 3	2 43	2 22
F 20	12 35	9 58	4 46	0 24	2 6	1 30	7 6	22 32	2 23	22 0	0 37	9 0	2 7	23 8	0 22	1 30	1 34	24 16	7 10	9 46	9 39	13 1	2 46	2 22
S 21	12 15	13 21	5 10	0s 7	2 16	1 33	7 17	22 39	2 23	22 1	0 37	9 2	2 7	23 7	0 22	1 29	1 34	24 15	7 10	9 45	9 40	13 0	2 48	2 21
S 22	11 55	15 59	5 18	0 37	2 26	1 34	7 28	22 46	2 23	22 1	0 37	9 3	2 7	23 7	0 22	1 29	1 34	24 15	7 10	9 45	9 42	12 59	2 51	2 21
M23	11 35	17 46	5 10	1 6	2 36	1 35	7 37	22 53	2 23	22 2	0 37	9 5	2 7	23 7	0 22	1 28	1 34	24 15	7 10	9 46	9 43	12 57	2 54	2 20
T 24	11 15	18 41	4 47	1 33	2 45	1 34	7 47	22 59	2 23	22 3	0 37	9 7	2 7	23 6	0 22	1 28	1 34	24 14	7 10	9 46	9 44	12 56	2 57	2 20
W25	10 54	18 43	4 13	1 59	2 55	1 32	7 56	23 6	2 23	22 4	0 37	9 9	2 7	23 6	0 22	1 27	1 34	24 14	7 10	9 46	9 45	12 55	3 0	2 19
T 26	10 33	17 55	3 27	2 23	3 4	1 28	8 4	23 13	2 22	22 5	0 37	9 11	2 7	23 6	0 22	1 26	1 34	24 14	7 11	9 46	9 46	12 53	3 2	2 19
F 27	10 12	16 19	2 33	2 45	3 13	1 23	8 11	23 19	2 22	22 6	0 37	9 12	2 7	23 6	0 22	1 26	1 34	24 13	7 11	9 46	9 47	12 52	3 5	2 19
S 28	9 51	14 2	1 33	3 6	3 22	1 18	8 18	23 26	2 22	22 6	0 37	9 14	2 8	23 5	0 22	1 25	1 34	24 13	7 11	9 46	9 49	12 51	3 8	2 18
S 29	9 30	11 10	0 29	3 24	3 30	1 10	8 24	23 32	2 22	22 7	0 37	9 16	2 8	23 5	0 22	1 25	1 34	24 12	7 11	9 46	9 50	12 49	3 11	2 18
M30	9 8	7 51	0s37	3 40	3 38	1 2	8 29	23 38	2 22	22 8	0 37	9 18	2 8	23 5	0 22	1 24	1 34	24 12	7 11	9 46	9 51	12 48	3 14	2 17
T 31	8n47	4s11	1s41	3s53	3s45	0s53	8s34	23s45	2s22	22s 8	0s37	9s20	2s 8	23n 5	0n22	1n24	1s34	24n12	7n11	9n46	9n52	12s47	3s17	2s17

Julian Day Number = 2342184.5, Delta T = 14.09 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'38, Lahiri = 19°40'39Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

SEPTEMBER 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 31	8♍26'10	5♈22	1♎19	11°R29	7♐ 3	22°R51	11°R10	14♋17	7°R 6	11♌44	4°R47	4♍28	23♒37	3♎ 8	W 1
T 2	22 44 27	9°24'21	17°31	1°25	10♍52	7°39	22♑47	11♓ 5	14°20	7♈ 5	11°45	4♍47	4°25	23°43	3°16	T 2
F 3	22 48 24	10°22'34	29°51	1°R25	10°15	8°15	22°44	11° 1	14°22	7° 3	11°47	4°46	4°22	23°50	3°25	F 3
S 4	22 52 21	11°20'49	12♉25	1°19	9°37	8°52	22°41	10°56	14°24	7° 2	11°49	4°45	4°19	23°57	3°33	S 4
S 5	22 56 17	12°19'06	25°15	1° 7	9° 1	9°29	22°39	10°52	14°27	7° 0	11°50	4°45	4°15	24° 3	3°41	S 5
M 6	23 0 14	13°17'25	8♊24	0°48	8°24	10° 6	22°36	10°47	14°29	6°59	11°52	4°D44	4°12	24°10	3°50	M 6
T 7	23 4 10	14°15'47	21°55	0°22	7°48	10°43	22°34	10°43	14°31	6°57	11°53	4°44	4° 9	24°17	3°58	T 7
W 8	23 8 7	15°14'10	5♋48	29♍50	7°14	11°21	22°32	10°38	14°34	6°56	11°55	4°45	4° 6	24°23	4° 7	W 8
T 9	23 12 3	16°12'36	20° 3	29°12	6°40	11°58	22°30	10°33	14°36	6°54	11°57	4°46	4° 3	24°30	4°16	T 9
F 10	23 16 0	17°11'04	4♌39	28°27	6° 8	12°36	22°28	10°29	14°38	6°53	11°58	4°47	4° 0	24°36	4°24	F 10
S 11	23 19 56	18° 9'33	19°32	27°37	5°37	13°14	22°27	10°24	14°40	6°51	12° 0	4°47	3°56	24°43	4°33	S 11
S 12	23 23 53	19° 8'05	4♍35	26°41	5° 8	13°53	22°25	10°20	14°42	6°50	12° 1	4°R48	3°53	24°50	4°42	S 12
M13	23 27 50	20° 6'39	19°39	25°42	4°41	14°31	22°24	10°15	14°44	6°48	12° 3	4°47	3°50	24°56	4°50	M13
T 14	23 31 46	21° 5'15	4♎36	24°40	4°15	15°10	22°23	10°11	14°46	6°46	12° 4	4°46	3°47	25° 3	4°59	T 14
W15	23 35 43	22° 3'52	19°17	23°36	3°52	15°48	22°22	10° 6	14°48	6°45	12° 6	4°44	3°44	25°10	5° 8	W15
T 16	23 39 39	23° 2'32	3♏37	22°32	3°31	16°27	22°22	10° 2	14°50	6°43	12° 7	4°42	3°41	25°16	5°16	T 16
F 17	23 43 36	24° 1'13	17°31	21°29	3°12	17° 6	22°21	9°58	14°51	6°42	12° 9	4°39	3°37	25°23	5°25	F 17
S 18	23 47 32	24°59'56	0♐57	20°30	2°56	17°46	22°D21	9°53	14°53	6°40	12°10	4°37	3°34	25°30	5°34	S 18
S 19	23 51 29	25°58'40	13°58	19°35	2°42	18°25	22°21	9°49	14°55	6°38	12°11	4°36	3°31	25°36	5°43	S 19
M20	23 55 25	26°57'27	26°35	18°46	2°30	19° 5	22°21	9°45	14°57	6°37	12°13	4°D35	3°28	25°43	5°51	M20
T 21	23 59 22	27°56'15	8♑54	18° 4	2°21	19°45	22°22	9°40	14°58	6°35	12°14	4°36	3°25	25°50	6° 0	T 21
W22	0 3 18	28°55'05	20°57	17°31	2°14	20°25	22°22	9°36	15° 0	6°33	12°15	4°37	3°21	25°56	6° 9	W22
T 23	0 7 15	29°53'56	2♒51	17° 7	2°10	21° 5	22°23	9°32	15° 1	6°32	12°17	4°39	3°18	26° 3	6°18	T 23
F 24	0 11 12	0♎52'50	14°40	16°53	2°D 8	21°45	22°24	9°28	15° 3	6°30	12°18	4°40	3°15	26°10	6°27	F 24
S 25	0 15 8	1°51'45	26°27	16°D49	2° 8	22°25	22°25	9°24	15° 4	6°28	12°19	4°42	3°12	26°16	6°36	S 25
S 26	0 19 5	2°50'42	8♓17	16°55	2°11	23° 6	22°27	9°20	15° 5	6°27	12°21	4°R42	3° 9	26°23	6°44	S 26
M27	0 23 1	3°49'41	20°13	17°12	2°16	23°46	22°28	9°16	15° 7	6°25	12°22	4°41	3° 6	26°29	6°53	M27
T 28	0 26 58	4°48'42	2♈16	17°39	2°23	24°27	22°30	9°12	15° 8	6°23	12°23	4°38	3° 2	26°36	7° 2	T 28
W29	0 30 54	5°47'45	14°29	18°14	2°33	25° 8	22°32	9° 8	15° 9	6°22	12°24	4°34	2°59	26°43	7°11	W29
T 30	0 34 51	6♎46'50	26♈53	18♍59	2♍44	25♐49	22♑34	9♓ 4	15♋10	6♈20	12♌25	4♍29	2♍56	26♒49	7♎20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n25	0s20	2s42	4s 4	3s52	0s42	8s37	23s51	2s21	22s 9	0s37	9s22	2s 8	23n 4	0n22	1n23	1s34	24n11	7n11	9n46	9n53	12s45	3s20	2s17
T 2	8 3	3n34	3 36	4 12	3 58	0 31	8 39	23 56	2 21	22 10	0 37	9 23	2 8	23 4	0 22	1 22	1 34	24 11	7 12	9 46	9 54	12 44	3 23	2 16
F 3	7 41	7 22	4 21	4 17	4 3	0 18	8 41	24 2	2 21	22 10	0 37	9 25	2 8	23 4	0 22	1 22	1 34	24 11	7 12	9 47	9 55	12 42	3 26	2 16
S 4	7 19	10 55	4 54	4 18	4 7	0 5	8 42	24 8	2 21	22 11	0 37	9 27	2 8	23 4	0 22	1 21	1 34	24 11	7 12	9 47	9 57	12 41	3 29	2 15
S 5	6 57	14 2	5 13	4 16	4 10	0n 9	8 41	24 13	2 21	22 11	0 37	9 29	2 8	23 3	0 22	1 21	1 34	24 10	7 12	9 47	9 58	12 40	3 32	2 15
M 6	6 35	16 31	5 17	4 10	4 12	0 23	8 40	24 19	2 20	22 12	0 37	9 31	2 8	23 3	0 22	1 20	1 34	24 10	7 12	9 47	9 59	12 38	3 35	2 15
T 7	6 12	18 11	5 3	4 1	4 13	0 38	8 38	24 24	2 20	22 12	0 37	9 32	2 8	23 3	0 22	1 19	1 34	24 10	7 12	9 47	10 0	12 37	3 38	2 14
W 8	5 50	18 49	4 32	3 47	4 12	0 54	8 35	24 29	2 20	22 12	0 37	9 34	2 8	23 3	0 22	1 19	1 34	24 9	7 13	9 47	10 1	12 36	3 41	2 14
T 9	5 27	18 17	3 44	3 29	4 9	1 10	8 31	24 34	2 19	22 13	0 37	9 36	2 8	23 3	0 22	1 18	1 34	24 9	7 13	9 47	10 2	12 34	3 44	2 14
F 10	5 4	16 33	2 40	3 7	4 5	1 26	8 26	24 39	2 19	22 13	0 37	9 38	2 8	23 2	0 22	1 18	1 34	24 9	7 13	9 46	10 4	12 33	3 47	2 13
S 11	4 41	13 40	1 24	2 42	3 58	1 42	8 20	24 43	2 19	22 13	0 37	9 39	2 8	23 2	0 22	1 17	1 34	24 9	7 13	9 46	10 5	12 31	3 50	2 13
S 12	4 18	9 50	0 1	2 12	3 50	1 58	8 14	24 48	2 19	22 13	0 37	9 41	2 8	23 2	0 22	1 16	1 34	24 8	7 13	9 46	10 6	12 30	3 54	2 12
M13	3 55	5 21	1n21	1 39	3 40	2 15	8 7	24 52	2 18	22 14	0 37	9 43	2 8	23 2	0 22	1 16	1 34	24 8	7 14	9 46	10 7	12 29	3 57	2 12
T 14	3 32	0 35	2 38	1 4	3 28	2 31	7 59	24 56	2 18	22 14	0 37	9 45	2 8	23 2	0 22	1 15	1 34	24 8	7 14	9 47	10 8	12 27	4 0	2 12
W15	3 9	4s 8	3 42	0 26	3 14	2 47	7 51	25 0	2 17	22 14	0 38	9 46	2 8	23 1	0 22	1 14	1 34	24 8	7 14	9 47	10 9	12 26	4 3	2 11
T 16	2 46	8 29	4 31	0n14	2 59	3 2	7 42	25 4	2 17	22 14	0 38	9 48	2 8	23 1	0 22	1 14	1 34	24 7	7 14	9 48	10 11	12 24	4 6	2 11
F 17	2 23	12 15	5 2	0 54	2 42	3 18	7 33	25 7	2 17	22 14	0 38	9 50	2 8	23 1	0 22	1 13	1 34	24 7	7 14	9 49	10 12	12 23	4 9	2 11
S 18	1 59	15 14	5 15	1 34	2 24	3 33	7 23	25 10	2 16	22 14	0 38	9 51	2 8	23 1	0 22	1 12	1 34	24 7	7 15	9 50	10 13	12 22	4 13	2 10
S 19	1 36	17 21	5 12	2 14	2 4	3 47	7 13	25 14	2 16	22 14	0 38	9 53	2 8	23 1	0 23	1 12	1 34	24 7	7 15	9 50	10 14	12 20	4 16	2 10
M20	1 13	18 33	4 53	2 51	1 44	4 1	7 2	25 17	2 16	22 14	0 38	9 55	2 8	23 1	0 23	1 11	1 34	24 6	7 15	9 51	10 15	12 19	4 19	2 10
T 21	0 49	18 50	4 21	3 26	1 24	4 15	6 52	25 19	2 15	22 14	0 38	9 56	2 8	23 0	0 23	1 10	1 34	24 6	7 15	9 50	10 16	12 17	4 22	2 9
W22	0 26	18 15	3 38	3 57	1 4	4 27	6 41	25 22	2 15	22 14	0 38	9 58	2 8	23 0	0 23	1 10	1 34	24 6	7 15	9 50	10 17	12 16	4 25	2 9
T 23	0 2	16 51	2 47	4 25	0 44	4 39	6 29	25 24	2 14	22 14	0 38	9 59	2 8	23 0	0 23	1 9	1 34	24 6	7 16	9 49	10 19	12 15	4 28	2 9
F 24	0s21	14 44	1 48	4 48	0 25	4 51	6 18	25 27	2 14	22 14	0 38	10 1	2 8	23 0	0 23	1 8	1 34	24 6	7 16	9 49	10 20	12 13	4 32	2 8
S 25	0 45	12 0	0 45	5 6	0 7	5 2	6 6	25 29	2 13	22 13	0 38	10 2	2 8	23 0	0 23	1 8	1 34	24 6	7 16	9 48	10 21	12 12	4 35	2 8
S 26	1 8	8 47	0s20	5 20	0n11	5 12	5 54	25 30	2 13	22 13	0 38	10 4	2 8	23 0	0 23	1 7	1 34	24 5	7 16	9 48	10 22	12 10	4 38	2 8
M27	1 31	5 10	1 24	5 28	0 27	5 21	5 43	25 32	2 12	22 13	0 38	10 5	2 8	23 0	0 23	1 6	1 34	24 5	7 17	9 49	10 23	12 9	4 41	2 8
T 28	1 55	1 19	2 25	5 32	0 42	5 29	5 31	25 33	2 12	22 13	0 38	10 7	2 8	23 0	0 23	1 6	1 34	24 5	7 17	9 50	10 24	12 7	4 45	2 7
W29	2 18	2n38	3 21	5 30	0 55	5 37	5 19	25 34	2 11	22 12	0 38	10 8	2 8	22 59	0 23	1 5	1 35	24 5	7 17	9 51	10 25	12 6	4 48	2 7
T 30	2s42	6n32	4s 7	5n24	1n 7	5n44	5s 7	25s35	2s11	22s12	0s38	10s 9	2s 8	22n59	0n23	1n 4	1s35	24n 5	7n17	9n53	10n27	12s 5	4s51	2s 7

Julian Day Number = 2342215.5, Delta T = 14.06 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'42, Lahiri = 19°40'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

OCTOBER 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 47	7♎45'57	9♉28	19♍52	2♍58	26♐30	22♑37	9°R 1	15♋12	6°R18	12♌27	4°R23	2♍53	26♒56	7♎29	F 1
S 2	0 42 44	8°45'07	22°17	20°53	3°14	27°11	22°39	8♓57	15°13	6♈17	12°28	4♍18	2°50	27° 3	7°38	S 2
S 3	0 46 41	9°44'19	5♊18	22° 0	3°32	27°53	22°42	8°53	15°14	6°15	12°29	4°13	2°46	27° 9	7°46	S 3
M 4	0 50 37	10°43'33	18°34	23°14	3°52	28°34	22°45	8°50	15°15	6°13	12°30	4° 9	2°43	27°16	7°55	M 4
T 5	0 54 34	11°42'49	2♋ 4	24°32	4°14	29°16	22°48	8°46	15°16	6°12	12°31	4° 7	2°40	27°23	8° 4	T 5
W 6	0 58 30	12°42'08	15°51	25°56	4°37	29°58	22°51	8°43	15°16	6°10	12°32	4°D 7	2°37	27°29	8°13	W 6
T 7	1 2 27	13°41'30	29°53	27°23	5° 2	0♑40	22°55	8°39	15°17	6° 9	12°33	4° 7	2°34	27°36	8°22	T 7
F 8	1 6 23	14°40'53	14♌10	28°54	5°29	1°22	22°58	8°36	15°18	6° 7	12°34	4° 9	2°31	27°43	8°31	F 8
S 9	1 10 20	15°40'19	28°41	0♎27	5°58	2° 4	23° 2	8°33	15°19	6° 5	12°35	4°R10	2°27	27°49	8°40	S 9
S 10	1 14 16	16°39'47	13♍21	2° 3	6°28	2°46	23° 6	8°30	15°19	6° 4	12°36	4°10	2°24	27°56	8°48	S 10
M11	1 18 13	17°39'17	28° 7	3°41	7° 0	3°28	23°10	8°27	15°20	6° 2	12°37	4° 8	2°21	28° 2	8°57	M11
T 12	1 22 10	18°38'50	12♎49	5°20	7°33	4°11	23°15	8°24	15°20	6° 0	12°38	4° 3	2°18	28° 9	9° 6	T 12
W13	1 26 6	19°38'24	27°23	7° 0	8° 8	4°53	23°19	8°21	15°21	5°59	12°39	3°57	2°15	28°16	9°15	W13
T 14	1 30 3	20°38'01	11♏39	8°41	8°44	5°36	23°24	8°18	15°21	5°57	12°40	3°50	2°12	28°22	9°24	T 14
F 15	1 33 59	21°37'40	25°34	10°22	9°21	6°19	23°29	8°16	15°22	5°55	12°41	3°42	2° 8	28°29	9°32	F 15
S 16	1 37 56	22°37'20	9♐ 4	12° 4	9°59	7° 2	23°34	8°13	15°22	5°54	12°41	3°34	2° 5	28°36	9°41	S 16
S 17	1 41 52	23°37'02	22° 8	13°46	10°39	7°45	23°39	8°10	15°22	5°52	12°42	3°28	2° 2	28°42	9°50	S 17
M18	1 45 49	24°36'46	4♑48	15°29	11°20	8°28	23°45	8° 8	15°22	5°51	12°43	3°24	1°59	28°49	9°59	M18
T 19	1 49 45	25°36'32	17° 8	17°11	12° 2	9°11	23°50	8° 6	15°23	5°49	12°44	3°21	1°56	28°56	10° 7	T 19
W20	1 53 42	26°36'20	29°12	18°53	12°45	9°54	23°56	8° 3	15°23	5°48	12°44	3°D21	1°52	29° 2	10°16	W20
T 21	1 57 39	27°36'09	11♒ 5	20°35	13°29	10°38	24° 2	8° 1	15°R23	5°46	12°45	3°22	1°49	29° 9	10°25	T 21
F 22	2 1 35	28°36'00	22°54	22°16	14°14	11°21	24° 8	7°59	15°23	5°45	12°46	3°23	1°46	29°16	10°33	F 22
S 23	2 5 32	29°35'52	4♓42	23°57	15° 0	12° 5	24°14	7°57	15°23	5°43	12°46	3°R23	1°43	29°22	10°42	S 23
S 24	2 9 28	0♏35'46	16°34	25°38	15°47	12°48	24°21	7°55	15°23	5°42	12°47	3°22	1°40	29°29	10°50	S 24
M25	2 13 25	1°35'42	28°35	27°18	16°35	13°32	24°27	7°53	15°22	5°40	12°47	3°19	1°37	29°35	10°59	M25
T 26	2 17 21	2°35'40	10♈49	28°58	17°24	14°16	24°34	7°52	15°22	5°39	12°48	3°13	1°33	29°42	11° 7	T 26
W27	2 21 18	3°35'40	23°16	0♏37	18°13	14°59	24°41	7°50	15°22	5°37	12°49	3° 5	1°30	29°49	11°16	W27
T 28	2 25 14	4°35'41	5♉58	2°16	19° 4	15°43	24°48	7°49	15°22	5°36	12°49	2°55	1°27	29°55	11°24	T 28
F 29	2 29 11	5°35'45	18°54	3°55	19°55	16°27	24°55	7°47	15°21	5°34	12°49	2°44	1°24	0♓ 2	11°33	F 29
S 30	2 33 7	6°35'50	2♊ 5	5°33	20°47	17°11	25° 3	7°46	15°21	5°33	12°50	2°32	1°21	0° 9	11°41	S 30
S 31	2 37 4	7♏35'57	15♊28	7♏11	21♍40	17♑55	25♑10	7♓45	15♋20	5♈32	12♌50	2♍22	1♍18	0♓15	11♎49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 5	10n12	4s43	5n13	1n18	5n50	4s55	25s36	2s10	22s12	0s38	10s11	2s 8	22n59	0n23	1n 4	1s35	24n 5	7n17	9n55	10n28	12s 3	4s54	2s 6
S 2	3 29	13 27	5 5	4 58	1 28	5 55	4 44	25 36	2 10	22 11	0 38	10 12	2 8	22 59	0 23	1 3	1 35	24 5	7 18	9 57	10 29	12 2	4 58	2 6
S 3	3 52	16 6	5 11	4 38	1 36	6 0	4 32	25 37	2 9	22 11	0 38	10 13	2 8	22 59	0 23	1 2	1 35	24 5	7 18	9 59	10 30	12 0	5 1	2 6
M 4	4 15	17 58	5 2	4 16	1 42	6 4	4 20	25 37	2 9	22 10	0 38	10 15	2 8	22 59	0 23	1 2	1 35	24 4	7 18	10 0	10 31	11 59	5 4	2 5
T 5	4 38	18 52	4 35	3 49	1 48	6 7	4 9	25 37	2 8	22 10	0 38	10 16	2 8	22 59	0 23	1 1	1 35	24 4	7 18	10 1	10 32	11 57	5 7	2 5
W 6	5 2	18 41	3 53	3 20	1 52	6 9	3 57	25 36	2 8	22 9	0 38	10 17	2 8	22 59	0 23	1 0	1 35	24 4	7 19	10 1	10 33	11 56	5 11	2 5
T 7	5 25	17 21	2 56	2 48	1 55	6 10	3 46	25 35	2 7	22 9	0 37	10 18	2 8	22 59	0 23	1 0	1 35	24 4	7 19	10 1	10 35	11 54	5 14	2 5
F 8	5 48	14 54	1 47	2 14	1 57	6 11	3 35	25 34	2 6	22 8	0 37	10 19	2 7	22 59	0 23	0 59	1 35	24 4	7 19	10 0	10 36	11 53	5 17	2 4
S 9	6 11	11 29	0 30	1 38	1 59	6 11	3 24	25 33	2 6	22 7	0 37	10 21	2 7	22 59	0 23	0 58	1 35	24 4	7 19	10 0	10 37	11 51	5 20	2 4
S 10	6 34	7 19	0n50	1 0	1 59	6 10	3 13	25 32	2 5	22 7	0 37	10 22	2 7	22 59	0 23	0 58	1 35	24 4	7 20	10 0	10 38	11 50	5 24	2 4
M11	6 56	2 41	2 6	0 21	1 58	6 8	3 2	25 30	2 4	22 6	0 37	10 23	2 7	22 59	0 23	0 57	1 35	24 4	7 20	10 1	10 39	11 49	5 27	2 4
T 12	7 19	2s 6	3 14	0s20	1 57	6 6	2 52	25 28	2 4	22 5	0 37	10 24	2 7	22 59	0 23	0 57	1 34	24 4	7 20	10 2	10 40	11 47	5 30	2 3
W13	7 42	6 42	4 8	1 1	1 55	6 3	2 41	25 26	2 3	22 4	0 37	10 25	2 7	22 59	0 23	0 56	1 34	24 4	7 20	10 4	10 41	11 46	5 33	2 3
T 14	8 4	10 49	4 46	1 43	1 53	5 59	2 31	25 24	2 3	22 4	0 37	10 26	2 7	22 59	0 23	0 55	1 34	24 4	7 21	10 7	10 43	11 44	5 37	2 3
F 15	8 27	14 14	5 5	2 26	1 50	5 54	2 21	25 21	2 2	22 3	0 37	10 27	2 7	22 59	0 23	0 55	1 34	24 4	7 21	10 10	10 44	11 43	5 40	2 3
S 16	8 49	16 47	5 7	3 9	1 46	5 49	2 11	25 18	2 1	22 2	0 37	10 28	2 7	22 58	0 23	0 54	1 34	24 4	7 21	10 13	10 45	11 41	5 43	2 2
S 17	9 11	18 23	4 52	3 53	1 42	5 43	2 1	25 15	2 1	22 1	0 37	10 28	2 7	22 58	0 23	0 53	1 34	24 4	7 22	10 15	10 46	11 40	5 46	2 2
M18	9 33	19 0	4 23	4 36	1 37	5 36	1 52	25 12	2 0	22 0	0 37	10 29	2 6	22 58	0 23	0 53	1 34	24 4	7 22	10 17	10 47	11 38	5 49	2 2
T 19	9 55	18 41	3 43	5 20	1 33	5 29	1 42	25 8	1 59	21 59	0 37	10 30	2 6	22 59	0 23	0 52	1 34	24 4	7 22	10 17	10 48	11 37	5 53	2 2
W20	10 17	17 31	2 53	6 3	1 28	5 21	1 33	25 5	1 59	21 58	0 37	10 31	2 6	22 59	0 23	0 52	1 34	24 4	7 22	10 18	10 49	11 35	5 56	2 1
T 21	10 38	15 36	1 57	6 47	1 22	5 13	1 24	25 0	1 58	21 57	0 37	10 31	2 6	22 59	0 23	0 51	1 34	24 4	7 23	10 17	10 51	11 34	5 59	2 1
F 22	11 0	13 1	0 56	7 30	1 17	5 4	1 15	24 56	1 57	21 56	0 37	10 32	2 6	22 59	0 23	0 50	1 34	24 4	7 23	10 17	10 52	11 32	6 2	2 1
S 23	11 21	9 55	0s 7	8 13	1 11	4 54	1 6	24 52	1 56	21 55	0 37	10 33	2 6	22 59	0 23	0 50	1 34	24 4	7 23	10 17	10 53	11 31	6 5	2 1
S 24	11 42	6 23	1 10	8 55	1 5	4 43	0 58	24 47	1 56	21 54	0 37	10 33	2 6	22 59	0 24	0 49	1 34	24 4	7 23	10 17	10 54	11 29	6 9	2 0
M25	12 3	2 34	2 11	9 37	0 59	4 33	0 50	24 42	1 55	21 52	0 37	10 34	2 6	22 59	0 24	0 49	1 34	24 5	7 24	10 18	10 55	11 28	6 12	2 0
T 26	12 24	1n26	3 6	10 19	0 52	4 21	0 42	24 36	1 54	21 51	0 37	10 34	2 5	22 59	0 24	0 48	1 34	24 5	7 24	10 20	10 56	11 26	6 15	2 0
W27	12 44	5 26	3 54	11 0	0 46	4 9	0 34	24 31	1 54	21 50	0 37	10 35	2 5	22 59	0 24	0 48	1 34	24 5	7 24	10 23	10 57	11 25	6 18	2 0
T 28	13 4	9 16	4 31	11 40	0 39	3 56	0 26	24 25	1 53	21 49	0 37	10 35	2 5	22 59	0 24	0 47	1 34	24 5	7 25	10 27	10 59	11 23	6 21	2 0
F 29	13 24	12 45	4 55	12 20	0 33	3 43	0 18	24 19	1 52	21 47	0 37	10 36	2 5	22 59	0 24	0 47	1 34	24 5	7 25	10 31	11 0	11 22	6 24	1 59
S 30	13 44	15 39	5 3	12 59	0 26	3 30	0 11	24 13	1 51	21 46	0 37	10 36	2 5	22 59	0 24	0 46	1 34	24 5	7 25	10 35	11 1	11 20	6 27	1 59
S 31	14s 4	17n47	4s56	13s38	0n19	3n15	0s 4	24s 6	1s51	21s45	0s37	10s36	2s 5	22n59	0n24	0n46	1s34	24n 5	7n25	10n39	11n 2	11s19	6s30	1s59

Julian Day Number = 2342245.5, Delta T = 14.03 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'47, Lahiri = 19°40'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

NOVEMBER 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 1	8♏36'07	29♊ 1	8♏48	22♍33	18♑39	25♑18	7°R44	15°R20	5°R30	12♌51	2°R14	1♍14	0♓22	11♎58	M 1
T 2	2 44 57	9°36'18	12♋43	10°25	23°27	19°24	25°26	7♓43	15♋19	5♈29	12°51	2♍ 9	1°11	0°29	12° 6	T 2
W 3	2 48 54	10°36'32	26°34	12° 1	24°22	20° 8	25°34	7°42	15°19	5°28	12°51	2° 6	1° 8	0°35	12°14	W 3
T 4	2 52 50	11°36'47	10♌32	13°38	25°17	20°52	25°42	7°41	15°18	5°26	12°52	2°D 5	1° 5	0°42	12°23	T 4
F 5	2 56 47	12°37'05	24°37	15°13	26°13	21°37	25°50	7°40	15°17	5°25	12°52	2°R 5	1° 2	0°49	12°31	F 5
S 6	3 0 43	13°37'25	8♍48	16°49	27°10	22°21	25°58	7°40	15°16	5°24	12°52	2° 5	0°58	0°55	12°39	S 6
S 7	3 4 40	14°37'46	23° 5	18°24	28° 7	23° 6	26° 7	7°39	15°15	5°23	12°52	2° 4	0°55	1° 2	12°47	S 7
M 8	3 8 36	15°38'10	7♎24	19°58	29° 5	23°50	26°16	7°39	15°15	5°22	12°53	2° 0	0°52	1° 8	12°55	M 8
T 9	3 12 33	16°38'35	21°41	21°33	0♎ 3	24°35	26°24	7°39	15°14	5°20	12°53	1°53	0°49	1°15	13° 3	T 9
W10	3 16 30	17°39'03	5♏53	23° 7	1° 1	25°20	26°33	7°38	15°13	5°19	12°53	1°43	0°46	1°22	13°11	W10
T 11	3 20 26	18°39'32	19°52	24°41	2° 1	26° 5	26°42	7°D38	15°11	5°18	12°53	1°31	0°43	1°28	13°19	T 11
F 12	3 24 23	19°40'02	3♐35	26°14	3° 0	26°49	26°52	7°38	15°10	5°17	12°53	1°18	0°39	1°35	13°27	F 12
S 13	3 28 19	20°40'35	16°58	27°48	4° 1	27°34	27° 1	7°39	15° 9	5°16	12°53	1° 6	0°36	1°42	13°34	S 13
S 14	3 32 16	21°41'08	29°59	29°21	5° 1	28°19	27°10	7°39	15° 8	5°15	12°R53	0°55	0°33	1°48	13°42	S 14
M15	3 36 12	22°41'43	12♑39	0♐54	6° 2	29° 4	27°20	7°39	15° 7	5°14	12°53	0°47	0°30	1°55	13°50	M15
T 16	3 40 9	23°42'20	24°59	2°26	7° 3	29°49	27°30	7°40	15° 5	5°13	12°53	0°41	0°27	2° 2	13°58	T 16
W17	3 44 5	24°42'57	7♒ 4	3°59	8° 5	0♒34	27°39	7°40	15° 4	5°12	12°53	0°38	0°23	2° 8	14° 5	W17
T 18	3 48 2	25°43'36	18°57	5°31	9° 7	1°19	27°49	7°41	15° 3	5°11	12°53	0°37	0°20	2°15	14°13	T 18
F 19	3 51 59	26°44'16	0♓45	7° 3	10°10	2° 5	27°59	7°42	15° 1	5°10	12°53	0°37	0°17	2°22	14°20	F 19
S 20	3 55 55	27°44'57	12°34	8°35	11°13	2°50	28°10	7°43	15° 0	5° 9	12°53	0°37	0°14	2°28	14°28	S 20
S 21	3 59 52	28°45'39	24°28	10° 7	12°16	3°35	28°20	7°44	14°58	5° 8	12°52	0°35	0°11	2°35	14°35	S 21
M22	4 3 48	29°46'22	6♈32	11°38	13°20	4°20	28°30	7°45	14°57	5° 8	12°52	0°31	0° 8	2°42	14°42	M22
T 23	4 7 45	0♐47'07	18°52	13° 9	14°24	5° 5	28°41	7°46	14°55	5° 7	12°52	0°25	0° 4	2°48	14°49	T 23
W24	4 11 41	1°47'52	1♉29	14°40	15°28	5°51	28°51	7°47	14°53	5° 6	12°52	0°15	0° 1	2°55	14°57	W24
T 25	4 15 38	2°48'39	14°26	16°11	16°33	6°36	29° 2	7°49	14°52	5° 5	12°51	0° 4	29♌58	3° 1	15° 4	T 25
F 26	4 19 34	3°49'26	27°43	17°42	17°38	7°22	29°13	7°50	14°50	5° 5	12°51	29♌50	29°55	3° 8	15°11	F 26
S 27	4 23 31	4°50'15	11♊18	19°12	18°43	8° 7	29°24	7°52	14°48	5° 4	12°51	29°37	29°52	3°15	15°18	S 27
S 28	4 27 28	5°51'06	25° 7	20°42	19°48	8°52	29°35	7°54	14°46	5° 3	12°50	29°25	29°49	3°21	15°24	S 28
M29	4 31 24	6°51'57	9♋ 6	22°11	20°54	9°38	29°46	7°55	14°44	5° 3	12°50	29°15	29°45	3°28	15°31	M29
T 30	4 35 21	7♐52'50	23♋12	23♐41	22♎ 0	10♒23	29♑57	7♓57	14♋43	5♈ 2	12♌49	29♌ 9	29♌42	3♓35	15♎38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	14s23	18n57	4s31	14s15	0n13	3n 1	0n 3	23s59	1s50	21s43	0s37	10s37	2s 5	22n59	0n24	0n45	1s34	24n 5	7n26	10n42	11n 3	11s17	6s33	1s59	M 1
T 2	14 43	19 2	3 51	14 52	0 6	2 46	0 10	23 52	1 49	21 42	0 37	10 37	2 4	22 59	0 24	0 44	1 34	24 6	7 26	10 44	11 4	11 16	6 37	1 59	T 2
W 3	15 2	17 59	2 57	15 29	0s 1	2 30	0 17	23 45	1 48	21 40	0 37	10 37	2 4	22 59	0 24	0 44	1 34	24 6	7 26	10 45	11 5	11 14	6 40	1 58	W 3
T 4	15 20	15 50	1 52	16 4	0 7	2 14	0 23	23 37	1 47	21 39	0 37	10 37	2 4	23 0	0 24	0 44	1 34	24 6	7 26	10 45	11 6	11 13	6 43	1 58	T 4
F 5	15 39	12 43	0 40	16 39	0 14	1 58	0 30	23 29	1 47	21 37	0 37	10 37	2 4	23 0	0 24	0 43	1 34	24 6	7 27	10 45	11 8	11 11	6 46	1 58	F 5
S 6	15 57	8 50	0n36	17 13	0 21	1 41	0 36	23 21	1 46	21 36	0 37	10 37	2 4	23 0	0 24	0 43	1 34	24 6	7 27	10 45	11 9	11 10	6 49	1 58	S 6
S 7	16 15	4 25	1 49	17 46	0 27	1 24	0 42	23 13	1 45	21 34	0 37	10 37	2 4	23 0	0 24	0 42	1 34	24 7	7 27	10 45	11 10	11 8	6 52	1 58	S 7
M 8	16 33	0s15	2 56	18 18	0 34	1 6	0 48	23 5	1 44	21 32	0 37	10 37	2 4	23 0	0 24	0 42	1 34	24 7	7 28	10 47	11 11	11 6	6 55	1 57	M 8
T 9	16 50	4 54	3 51	18 50	0 40	0 48	0 53	22 56	1 43	21 31	0 37	10 37	2 3	23 0	0 24	0 41	1 34	24 7	7 28	10 49	11 12	11 5	6 58	1 57	T 9
W10	17 7	9 14	4 31	19 20	0 47	0 30	0 59	22 47	1 43	21 29	0 37	10 37	2 3	23 0	0 24	0 41	1 34	24 7	7 28	10 53	11 13	11 3	7 0	1 57	W10
T 11	17 24	13 0	4 55	19 49	0 53	0 11	1 4	22 38	1 42	21 27	0 37	10 37	2 3	23 0	0 24	0 40	1 34	24 8	7 28	10 57	11 14	11 2	7 3	1 57	T 11
F 12	17 41	15 59	5 1	20 18	0 59	0s 8	1 9	22 28	1 41	21 26	0 37	10 37	2 3	23 1	0 24	0 40	1 34	24 8	7 29	11 2	11 15	11 0	7 6	1 57	F 12
S 13	17 57	18 2	4 50	20 45	1 5	0 28	1 14	22 19	1 40	21 24	0 37	10 37	2 3	23 1	0 24	0 40	1 34	24 8	7 29	11 6	11 17	10 59	7 9	1 56	S 13
S 14	18 13	19 5	4 24	21 12	1 11	0 47	1 19	22 9	1 39	21 22	0 37	10 37	2 3	23 1	0 24	0 39	1 34	24 8	7 29	11 10	11 18	10 57	7 12	1 56	S 14
M15	18 28	19 8	3 45	21 37	1 17	1 7	1 24	21 59	1 38	21 20	0 37	10 36	2 2	23 1	0 24	0 39	1 34	24 9	7 30	11 13	11 19	10 56	7 15	1 56	M15
T 16	18 44	18 16	2 57	22 2	1 22	1 27	1 28	21 48	1 37	21 18	0 37	10 36	2 2	23 1	0 24	0 39	1 34	24 9	7 30	11 15	11 20	10 54	7 18	1 56	T 16
W17	18 59	16 35	2 1	22 25	1 28	1 48	1 32	21 38	1 37	21 16	0 37	10 36	2 2	23 1	0 24	0 38	1 34	24 9	7 30	11 16	11 21	10 53	7 20	1 56	W17
T 18	19 13	14 11	1 2	22 47	1 33	2 9	1 37	21 27	1 36	21 14	0 37	10 35	2 2	23 2	0 24	0 38	1 34	24 9	7 30	11 16	11 22	10 51	7 23	1 56	T 18
F 19	19 27	11 14	0s 1	23 8	1 38	2 29	1 41	21 16	1 35	21 12	0 37	10 35	2 2	23 2	0 24	0 38	1 34	24 10	7 31	11 16	11 23	10 49	7 26	1 55	F 19
S 20	19 41	7 49	1 3	23 28	1 43	2 51	1 44	21 5	1 34	21 10	0 37	10 34	2 2	23 2	0 24	0 37	1 34	24 10	7 31	11 16	11 24	10 48	7 29	1 55	S 20
S 21	19 55	4 5	2 3	23 46	1 48	3 12	1 48	20 54	1 33	21 8	0 37	10 34	2 1	23 2	0 24	0 37	1 34	24 10	7 31	11 17	11 26	10 46	7 31	1 55	S 21
M22	20 8	0 7	2 58	24 4	1 52	3 33	1 52	20 42	1 32	21 6	0 37	10 33	2 1	23 2	0 24	0 37	1 33	24 11	7 32	11 18	11 27	10 45	7 34	1 55	M22
T 23	20 21	3n55	3 46	24 20	1 56	3 55	1 55	20 30	1 31	21 4	0 37	10 33	2 1	23 3	0 24	0 36	1 33	24 11	7 32	11 21	11 28	10 43	7 37	1 55	T 23
W24	20 33	7 53	4 24	24 35	2 0	4 17	1 58	20 18	1 31	21 2	0 37	10 32	2 1	23 3	0 24	0 36	1 33	24 11	7 32	11 24	11 29	10 42	7 39	1 55	W24
T 25	20 45	11 35	4 49	24 49	2 4	4 39	2 1	20 6	1 30	20 59	0 37	10 31	2 1	23 3	0 24	0 36	1 33	24 12	7 32	11 28	11 30	10 40	7 42	1 55	T 25
F 26	20 57	14 48	5 0	25 1	2 7	5 1	2 4	19 53	1 29	20 57	0 37	10 31	2 1	23 3	0 24	0 36	1 33	24 12	7 33	11 33	11 31	10 38	7 45	1 54	F 26
S 27	21 8	17 19	4 54	25 12	2 10	5 23	2 7	19 41	1 28	20 55	0 37	10 30	2 1	23 3	0 24	0 35	1 33	24 12	7 33	11 37	11 32	10 37	7 47	1 54	S 27
S 28	21 19	18 52	4 31	25 21	2 13	5 46	2 9	19 28	1 27	20 53	0 37	10 29	2 0	23 4	0 24	0 35	1 33	24 13	7 33	11 42	11 33	10 35	7 50	1 54	S 28
M29	21 29	19 19	3 52	25 30	2 15	6 8	2 12	19 15	1 26	20 50	0 37	10 28	2 0	23 4	0 25	0 35	1 33	24 13	7 33	11 45	11 34	10 34	7 52	1 54	M29
T 30	21s39	18n34	2s58	25s36	2s17	6s31	2n14	19s 2	1s25	20s48	0s37	10s27	2s 0	23n 4	0n25	0n35	1s33	24n14	7n34	11n47	11n36	10s32	7s55	1s54	T 30

Julian Day Number = 2342276.5, Delta T = 14.00 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'51, Lahiri = 19°40'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1700
geocentric

DECEMBER 1700 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 17	8♐53'44	7♌20	25♐ 9	23♎ 6	11♒ 9	0♒ 9	7♓59	14°R41	5°R 2	12°R49	29°R 5	29♌39	3♓41	15♎45	W 1
T 2	4 43 14	9°54'39	21°29	26°37	24°13	11°54	0°20	8° 1	14♋39	5♈ 1	12♌49	29♌ 3	29°36	3°48	15°51	T 2
F 3	4 47 10	10°55'36	5♍35	28° 4	25°20	12°40	0°32	8° 4	14°37	5° 1	12°48	29° 3	29°33	3°55	15°58	F 3
S 4	4 51 7	11°56'34	19°39	29°31	26°27	13°25	0°43	8° 6	14°35	5° 0	12°47	29° 3	29°29	4° 1	16° 4	S 4
S 5	4 55 3	12°57'33	3♎40	0♑56	27°34	14°11	0°55	8° 8	14°33	5° 0	12°47	29° 2	29°26	4° 8	16°11	S 5
M 6	4 59 0	13°58'33	17°36	2°20	28°41	14°57	1° 7	8°11	14°30	5° 0	12°46	28°58	29°23	4°15	16°17	M 6
T 7	5 2 57	14°59'34	1♏28	3°43	29°49	15°42	1°19	8°14	14°28	4°59	12°46	28°51	29°20	4°21	16°23	T 7
W 8	5 6 53	16° 0'37	15°12	5° 5	0♏57	16°28	1°31	8°16	14°26	4°59	12°45	28°42	29°17	4°28	16°29	W 8
T 9	5 10 50	17° 1'41	28°45	6°24	2° 5	17°14	1°43	8°19	14°24	4°59	12°44	28°30	29°14	4°34	16°35	T 9
F 10	5 14 46	18° 2'45	12♐ 6	7°41	3°13	17°59	1°55	8°22	14°22	4°58	12°44	28°17	29°10	4°41	16°41	F 10
S 11	5 18 43	19° 3'50	25°12	8°56	4°22	18°45	2° 7	8°25	14°19	4°58	12°43	28° 5	29° 7	4°48	16°47	S 11
S 12	5 22 39	20° 4'56	8♑ 1	10° 8	5°31	19°31	2°19	8°28	14°17	4°58	12°42	27°54	29° 4	4°54	16°53	S 12
M13	5 26 36	21° 6'03	20°33	11°16	6°39	20°16	2°32	8°32	14°15	4°58	12°41	27°46	29° 1	5° 1	16°59	M13
T 14	5 30 32	22° 7'10	2♒49	12°21	7°48	21° 2	2°44	8°35	14°12	4°58	12°41	27°40	28°58	5° 8	17° 4	T 14
W15	5 34 29	23° 8'17	14°51	13°20	8°58	21°48	2°57	8°38	14°10	4°58	12°40	27°37	28°55	5°14	17°10	W15
T 16	5 38 26	24° 9'25	26°44	14°15	10° 7	22°33	3° 9	8°42	14° 8	4°D58	12°39	27°D36	28°51	5°21	17°15	T 16
F 17	5 42 22	25°10'32	8♓32	15° 3	11°16	23°19	3°22	8°45	14° 5	4°58	12°38	27°36	28°48	5°28	17°21	F 17
S 18	5 46 19	26°11'40	20°20	15°44	12°26	24° 5	3°35	8°49	14° 3	4°58	12°37	27°37	28°45	5°34	17°26	S 18
S 19	5 50 15	27°12'49	2♈13	16°18	13°36	24°51	3°47	8°53	14° 0	4°58	12°36	27°R37	28°42	5°41	17°31	S 19
M20	5 54 12	28°13'57	14°17	16°43	14°46	25°36	4° 0	8°57	13°58	4°58	12°35	27°35	28°39	5°48	17°36	M20
T 21	5 58 8	29°15'06	26°37	16°58	15°56	26°22	4°13	9° 1	13°55	4°58	12°34	27°32	28°35	5°54	17°41	T 21
W22	6 2 5	0♑16'14	9♉17	17°R 3	17° 6	27° 8	4°26	9° 5	13°53	4°58	12°33	27°26	28°32	6° 1	17°46	W22
T 23	6 6 1	1°17'23	22°20	16°57	18°16	27°54	4°39	9° 9	13°50	4°59	12°33	27°17	28°29	6° 8	17°51	T 23
F 24	6 9 58	2°18'32	5♊48	16°39	19°26	28°39	4°52	9°13	13°48	4°59	12°31	27° 8	28°26	6°14	17°55	F 24
S 25	6 13 55	3°19'41	19°39	16° 9	20°37	29°25	5° 6	9°17	13°45	4°59	12°30	26°58	28°23	6°21	18° 0	S 25
S 26	6 17 51	4°20'50	3♋50	15°28	21°48	0♓11	5°19	9°22	13°43	4°59	12°29	26°50	28°20	6°27	18° 4	S 26
M27	6 21 48	5°21'59	18°16	14°36	22°58	0°57	5°32	9°26	13°40	5° 0	12°28	26°43	28°16	6°34	18° 9	M27
T 28	6 25 44	6°23'08	2♌50	13°33	24° 9	1°42	5°45	9°31	13°38	5° 0	12°27	26°38	28°13	6°41	18°13	T 28
W29	6 29 41	7°24'17	17°25	12°23	25°20	2°28	5°59	9°35	13°35	5° 1	12°26	26°36	28°10	6°47	18°17	W29
T 30	6 33 37	8°25'27	1♍56	11° 6	26°31	3°14	6°12	9°40	13°33	5° 1	12°25	26°D35	28° 7	6°54	18°21	T 30
F 31	6 37 34	9♑26'37	16♍19	9♑46	27♏43	3♓59	6♒26	9♓45	13♋30	5♈ 2	12♌24	26♌36	28♌ 4	7♓ 1	18♎25	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s49	16n39	1s52	25s42	2s19	6s53	2n16	18s48	1s24	20s45	0s37	10s26	2s 0	23n 4	0n25	0n35	1s33	24n14	7n34	11n49	11n37	10s31	7s57	1s54
T 2	21 58	13 44	0 40	25 46	2 20	7 16	2 18	18 35	1 23	20 43	0 37	10 25	2 0	23 5	0 25	0 34	1 33	24 14	7 34	11 49	11 38	10 29	8 0	1 53
F 3	22 7	10 1	0n35	25 48	2 20	7 38	2 20	18 21	1 22	20 41	0 37	10 24	2 0	23 5	0 25	0 34	1 33	24 15	7 35	11 49	11 39	10 27	8 2	1 53
S 4	22 15	5 45	1 47	25 49	2 21	8 1	2 22	18 7	1 22	20 38	0 37	10 23	1 59	23 5	0 25	0 34	1 33	24 15	7 35	11 49	11 40	10 26	8 4	1 53
S 5	22 23	1 11	2 52	25 48	2 20	8 24	2 23	17 53	1 21	20 35	0 37	10 22	1 59	23 5	0 25	0 34	1 33	24 16	7 35	11 50	11 41	10 24	8 7	1 53
M 6	22 31	3s25	3 47	25 46	2 19	8 46	2 25	17 39	1 20	20 33	0 37	10 21	1 59	23 6	0 25	0 34	1 33	24 16	7 35	11 51	11 42	10 23	8 9	1 53
T 7	22 38	7 48	4 28	25 43	2 18	9 9	2 26	17 24	1 19	20 30	0 37	10 20	1 59	23 6	0 25	0 34	1 33	24 16	7 36	11 53	11 43	10 21	8 11	1 53
W 8	22 44	11 44	4 54	25 38	2 15	9 31	2 27	17 10	1 18	20 28	0 37	10 19	1 59	23 6	0 25	0 34	1 33	24 17	7 36	11 57	11 45	10 19	8 13	1 53
T 9	22 51	15 0	5 2	25 32	2 12	9 54	2 28	16 55	1 17	20 25	0 37	10 18	1 59	23 6	0 25	0 34	1 33	24 17	7 36	12 1	11 46	10 18	8 16	1 53
F 10	22 56	17 26	4 53	25 24	2 9	10 16	2 29	16 40	1 16	20 22	0 37	10 16	1 58	23 7	0 25	0 34	1 33	24 18	7 36	12 5	11 47	10 16	8 18	1 52
S 11	23 1	18 54	4 29	25 14	2 4	10 39	2 30	16 25	1 15	20 20	0 37	10 15	1 58	23 7	0 25	0 34	1 33	24 18	7 37	12 9	11 48	10 14	8 20	1 52
S 12	23 6	19 22	3 52	25 4	1 59	11 1	2 30	16 10	1 14	20 17	0 37	10 14	1 58	23 7	0 25	0 34	1 33	24 19	7 37	12 13	11 49	10 13	8 22	1 52
M13	23 11	18 52	3 4	24 52	1 53	11 23	2 31	15 54	1 13	20 14	0 37	10 13	1 58	23 7	0 25	0 34	1 33	24 19	7 37	12 16	11 50	10 11	8 24	1 52
T 14	23 14	17 29	2 8	24 39	1 45	11 45	2 31	15 39	1 12	20 11	0 37	10 11	1 58	23 8	0 25	0 34	1 33	24 20	7 37	12 18	11 51	10 10	8 26	1 52
W15	23 18	15 20	1 8	24 25	1 37	12 7	2 32	15 23	1 11	20 8	0 38	10 10	1 58	23 8	0 25	0 34	1 32	24 20	7 38	12 19	11 52	10 8	8 28	1 52
T 16	23 21	12 33	0 5	24 10	1 28	12 28	2 32	15 8	1 10	20 5	0 38	10 8	1 58	23 8	0 25	0 34	1 32	24 21	7 38	12 20	11 53	10 6	8 30	1 52
F 17	23 23	9 17	0s58	23 54	1 17	12 50	2 32	14 52	1 10	20 3	0 38	10 7	1 57	23 8	0 25	0 34	1 32	24 21	7 38	12 19	11 54	10 5	8 32	1 51
S 18	23 25	5 39	1 59	23 38	1 5	13 11	2 32	14 36	1 9	20 0	0 38	10 5	1 57	23 9	0 25	0 34	1 32	24 22	7 38	12 19	11 56	10 3	8 34	1 51
S 19	23 27	1 47	2 54	23 21	0 52	13 32	2 31	14 19	1 8	19 57	0 38	10 4	1 57	23 9	0 25	0 34	1 32	24 22	7 39	12 19	11 57	10 1	8 36	1 51
M20	23 28	2n12	3 43	23 4	0 38	13 53	2 31	14 3	1 7	19 54	0 38	10 2	1 57	23 9	0 25	0 34	1 32	24 23	7 39	12 20	11 58	10 0	8 38	1 51
T 21	23 28	6 11	4 23	22 46	0 23	14 14	2 31	13 47	1 6	19 51	0 38	10 1	1 57	23 10	0 25	0 34	1 32	24 23	7 39	12 21	11 59	9 58	8 40	1 51
W22	23 29	10 0	4 51	22 29	0 6	14 34	2 30	13 30	1 5	19 47	0 38	9 59	1 57	23 10	0 25	0 34	1 32	24 23	7 39	12 23	12 0	9 57	8 41	1 51
T 23	23 28	13 28	5 5	22 13	0n12	14 54	2 29	13 13	1 4	19 44	0 38	9 57	1 57	23 10	0 25	0 34	1 32	24 24	7 39	12 26	12 1	9 55	8 43	1 51
F 24	23 27	16 21	5 2	21 56	0 30	15 14	2 29	12 57	1 3	19 41	0 38	9 55	1 56	23 10	0 25	0 34	1 32	24 25	7 40	12 29	12 2	9 53	8 45	1 51
S 25	23 26	18 23	4 43	21 41	0 49	15 33	2 28	12 40	1 2	19 38	0 38	9 54	1 56	23 11	0 25	0 35	1 32	24 25	7 40	12 32	12 3	9 52	8 46	1 50
S 26	23 24	19 20	4 5	21 26	1 9	15 53	2 27	12 23	1 1	19 35	0 38	9 52	1 56	23 11	0 25	0 35	1 32	24 26	7 40	12 35	12 4	9 50	8 48	1 50
M27	23 22	19 4	3 11	21 12	1 29	16 12	2 26	12 6	1 0	19 32	0 38	9 50	1 56	23 11	0 25	0 35	1 32	24 26	7 40	12 38	12 6	9 48	8 49	1 50
T 28	23 19	17 32	2 5	21 0	1 48	16 30	2 25	11 48	0 59	19 28	0 38	9 48	1 56	23 12	0 25	0 35	1 32	24 27	7 40	12 39	12 7	9 47	8 51	1 50
W29	23 16	14 51	0 49	20 48	2 6	16 48	2 23	11 31	0 58	19 25	0 38	9 46	1 56	23 12	0 25	0 35	1 32	24 27	7 41	12 40	12 8	9 45	8 52	1 50
T 30	23 12	11 15	0n29	20 38	2 23	17 6	2 22	11 14	0 57	19 22	0 38	9 45	1 56	23 12	0 25	0 36	1 32	24 28	7 41	12 40	12 9	9 43	8 54	1 50
F 31	23s 8	7n 1	1n45	20s29	2n38	17s24	2n21	10s56	0s56	19s18	0s38	9s43	1s56	23n12	0n25	0n36	1s32	24n28	7n41	12n40	12n10	9s42	8s55	1s50

Julian Day Number = 2342306.5, Delta T = 13.97 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'55, Lahiri = 19°40'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

JANUARY 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 31	10♑27'47	0♎31	8°R25	28♏54	4♓45	6♒39	9♓49	13°R27	5♈ 2	12°R23	26♌37	28♌ 1	7♓ 7	18♎29	S 1
S 2	6 45 27	11°28'57	14°31	7♑ 5	0♐ 5	5°31	6°53	9°54	13♋25	5° 3	12♌22	26°R38	27°57	7°14	18°33	S 2
M 3	6 49 24	12°30'08	28°17	5°50	1°17	6°16	7° 7	9°59	13°22	5° 3	12°20	26°37	27°54	7°21	18°36	M 3
T 4	6 53 20	13°31'18	11♏51	4°41	2°28	7° 2	7°20	10° 4	13°20	5° 4	12°19	26°33	27°51	7°27	18°40	T 4
W 5	6 57 17	14°32'29	25°13	3°40	3°40	7°48	7°34	10°10	13°17	5° 5	12°18	26°28	27°48	7°34	18°43	W 5
T 6	7 1 13	15°33'40	8♐22	2°47	4°52	8°33	7°48	10°15	13°14	5° 5	12°17	26°21	27°45	7°41	18°46	T 6
F 7	7 5 10	16°34'50	21°18	2° 4	6° 4	9°19	8° 2	10°20	13°12	5° 6	12°15	26°14	27°41	7°47	18°50	F 7
S 8	7 9 6	17°36'01	4♑ 2	1°31	7°16	10° 4	8°15	10°25	13° 9	5° 7	12°14	26° 7	27°38	7°54	18°53	S 8
S 9	7 13 3	18°37'11	16°33	1° 8	8°28	10°50	8°29	10°31	13° 7	5° 8	12°13	26° 0	27°35	8° 1	18°56	S 9
M10	7 17 0	19°38'21	28°51	0°54	9°40	11°35	8°43	10°36	13° 4	5° 8	12°12	25°55	27°32	8° 7	18°58	M10
T 11	7 20 56	20°39'30	10♒59	0°D49	10°52	12°21	8°57	10°42	13° 1	5° 9	12°10	25°52	27°29	8°14	19° 1	T 11
W12	7 24 53	21°40'39	22°56	0°53	12° 4	13° 6	9°11	10°47	12°59	5°10	12° 9	25°D51	27°26	8°20	19° 4	W12
T 13	7 28 49	22°41'47	4♓47	1° 5	13°16	13°52	9°25	10°53	12°56	5°11	12° 8	25°51	27°22	8°27	19° 6	T 13
F 14	7 32 46	23°42'54	16°34	1°24	14°28	14°37	9°39	10°59	12°54	5°12	12° 6	25°53	27°19	8°34	19° 8	F 14
S 15	7 36 42	24°44'00	28°21	1°49	15°41	15°23	9°53	11° 5	12°51	5°13	12° 5	25°55	27°16	8°40	19°11	S 15
S 16	7 40 39	25°45'05	10♈13	2°21	16°53	16° 8	10° 7	11°11	12°49	5°14	12° 4	25°56	27°13	8°47	19°13	S 16
M17	7 44 35	26°46'10	22°15	2°58	18° 6	16°54	10°22	11°16	12°46	5°15	12° 2	25°R57	27°10	8°54	19°15	M17
T 18	7 48 32	27°47'14	4♉32	3°40	19°18	17°39	10°36	11°22	12°44	5°16	12° 1	25°57	27° 7	9° 0	19°17	T 18
W19	7 52 29	28°48'16	17° 8	4°26	20°31	18°24	10°50	11°28	12°41	5°17	12° 0	25°56	27° 3	9° 7	19°18	W19
T 20	7 56 25	29°49'18	0♊ 8	5°16	21°43	19°10	11° 4	11°35	12°39	5°19	11°58	25°53	27° 0	9°14	19°20	T 20
F 21	8 0 22	0♒50'18	13°35	6°10	22°56	19°55	11°18	11°41	12°36	5°20	11°57	25°50	26°57	9°20	19°22	F 21
S 22	8 4 18	1°51'18	27°29	7° 8	24° 9	20°40	11°33	11°47	12°34	5°21	11°55	25°46	26°54	9°27	19°23	S 22
S 23	8 8 15	2°52'16	11♋48	8° 8	25°21	21°26	11°47	11°53	12°31	5°22	11°54	25°43	26°51	9°34	19°24	S 23
M24	8 12 11	3°53'14	26°27	9°11	26°34	22°11	12° 1	11°59	12°29	5°23	11°53	25°40	26°47	9°40	19°25	M24
T 25	8 16 8	4°54'10	11♌22	10°17	27°47	22°56	12°15	12° 6	12°27	5°25	11°51	25°38	26°44	9°47	19°26	T 25
W26	8 20 4	5°55'06	26°22	11°25	29° 0	23°41	12°30	12°12	12°24	5°26	11°50	25°D38	26°41	9°54	19°27	W26
T 27	8 24 1	6°56'00	11♍20	12°34	0♑13	24°26	12°44	12°19	12°22	5°27	11°48	25°38	26°38	10° 0	19°28	T 27
F 28	8 27 58	7°56'54	26° 7	13°46	1°26	25°11	12°58	12°25	12°20	5°29	11°47	25°39	26°35	10° 7	19°29	F 28
S 29	8 31 54	8°57'47	10♎39	15° 0	2°39	25°56	13°13	12°32	12°17	5°30	11°45	25°41	26°32	10°14	19°29	S 29
S 30	8 35 51	9°58'39	24°51	16°15	3°52	26°42	13°27	12°38	12°15	5°32	11°44	25°42	26°28	10°20	19°30	S 30
M31	8 39 47	10♒59'30	8♏42	17♑32	5♑ 5	27♓27	13♒41	12♓45	12♋13	5♈33	11♌43	25°R42	26♌25	10♓27	19♎30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	2n26	2n53	20s22	2n51	17s41	2n19	10s39	0s56	19s15	0s38	9s41	1s55	23n13	0n25	0n36	1s32	24n29	7n41	12n40	12n11	9s40	8s57	1s50
S 2	22 59	2s11	3 50	20 16	3 2	17 58	2 17	10 21	0 55	19 12	0 38	9 39	1 55	23 13	0 25	0 36	1 32	24 29	7 41	12 39	12 12	9 38	8 58	1 50
M 3	22 53	6 38	4 33	20 11	3 10	18 14	2 16	10 3	0 54	19 8	0 38	9 37	1 55	23 13	0 25	0 37	1 32	24 30	7 42	12 40	12 13	9 37	8 59	1 49
T 4	22 47	10 40	5 0	20 8	3 16	18 30	2 14	9 46	0 53	19 5	0 38	9 35	1 55	23 13	0 25	0 37	1 32	24 30	7 42	12 41	12 14	9 35	9 0	1 49
W 5	22 41	14 5	5 10	20 7	3 19	18 45	2 12	9 28	0 52	19 1	0 38	9 33	1 55	23 14	0 25	0 37	1 31	24 31	7 42	12 43	12 15	9 33	9 2	1 49
T 6	22 34	16 45	5 3	20 7	3 20	19 0	2 10	9 10	0 51	18 58	0 38	9 31	1 55	23 14	0 25	0 38	1 31	24 31	7 42	12 45	12 17	9 32	9 3	1 49
F 7	22 27	18 31	4 41	20 9	3 19	19 15	2 8	8 52	0 50	18 54	0 38	9 29	1 55	23 14	0 25	0 38	1 31	24 32	7 42	12 48	12 18	9 30	9 4	1 49
S 8	22 19	19 20	4 5	20 12	3 16	19 29	2 6	8 34	0 49	18 51	0 38	9 26	1 55	23 14	0 25	0 38	1 31	24 32	7 43	12 50	12 19	9 28	9 5	1 49
S 9	22 11	19 11	3 18	20 17	3 11	19 43	2 4	8 15	0 48	18 47	0 38	9 24	1 55	23 15	0 25	0 39	1 31	24 33	7 43	12 52	12 20	9 27	9 6	1 49
M10	22 2	18 6	2 22	20 23	3 6	19 56	2 2	7 57	0 47	18 44	0 38	9 22	1 54	23 15	0 25	0 39	1 31	24 33	7 43	12 54	12 21	9 25	9 7	1 49
T 11	21 53	16 13	1 20	20 30	2 59	20 8	1 59	7 39	0 46	18 40	0 38	9 20	1 54	23 15	0 25	0 39	1 31	24 34	7 43	12 55	12 22	9 23	9 8	1 48
W12	21 44	13 38	0 16	20 37	2 51	20 20	1 57	7 21	0 45	18 36	0 39	9 18	1 54	23 16	0 25	0 40	1 31	24 34	7 43	12 55	12 23	9 22	9 9	1 48
T 13	21 34	10 32	0s49	20 46	2 42	20 32	1 55	7 2	0 44	18 33	0 39	9 15	1 54	23 16	0 25	0 40	1 31	24 35	7 43	12 55	12 24	9 20	9 9	1 48
F 14	21 23	7 1	1 51	20 55	2 33	20 43	1 52	6 44	0 44	18 29	0 39	9 13	1 54	23 16	0 25	0 41	1 31	24 36	7 43	12 55	12 25	9 18	9 10	1 48
S 15	21 13	3 14	2 49	21 4	2 24	20 53	1 50	6 25	0 43	18 25	0 39	9 11	1 54	23 16	0 25	0 41	1 31	24 36	7 44	12 54	12 26	9 17	9 11	1 48
S 16	21 2	0n41	3 40	21 13	2 14	21 3	1 47	6 7	0 42	18 21	0 39	9 8	1 54	23 17	0 25	0 41	1 31	24 37	7 44	12 53	12 27	9 15	9 12	1 48
M17	20 50	4 37	4 22	21 22	2 4	21 13	1 44	5 48	0 41	18 18	0 39	9 6	1 54	23 17	0 25	0 42	1 31	24 37	7 44	12 53	12 29	9 13	9 12	1 48
T 18	20 38	8 27	4 53	21 31	1 54	21 21	1 42	5 30	0 40	18 14	0 39	9 4	1 54	23 17	0 25	0 42	1 31	24 38	7 44	12 53	12 30	9 11	9 13	1 48
W19	20 26	12 0	5 11	21 40	1 44	21 29	1 39	5 11	0 39	18 10	0 39	9 1	1 54	23 17	0 25	0 43	1 31	24 38	7 44	12 54	12 31	9 10	9 13	1 47
T 20	20 13	15 6	5 14	21 48	1 34	21 37	1 36	4 53	0 38	18 6	0 39	8 59	1 54	23 18	0 25	0 43	1 31	24 39	7 44	12 55	12 32	9 8	9 14	1 47
F 21	20 0	17 30	5 0	21 56	1 24	21 44	1 33	4 34	0 37	18 2	0 39	8 57	1 54	23 18	0 25	0 44	1 31	24 39	7 44	12 56	12 33	9 6	9 14	1 47
S 22	19 47	18 59	4 28	22 3	1 14	21 50	1 30	4 15	0 36	17 58	0 39	8 54	1 53	23 18	0 25	0 44	1 31	24 40	7 45	12 57	12 34	9 5	9 15	1 47
S 23	19 33	19 19	3 39	22 10	1 4	21 56	1 28	3 57	0 35	17 55	0 39	8 52	1 53	23 18	0 25	0 45	1 31	24 40	7 45	12 58	12 35	9 3	9 15	1 47
M24	19 19	18 22	2 34	22 15	0 54	22 1	1 25	3 38	0 35	17 51	0 39	8 49	1 53	23 18	0 25	0 45	1 31	24 41	7 45	12 59	12 36	9 1	9 16	1 47
T 25	19 4	16 9	1 18	22 20	0 44	22 6	1 22	3 19	0 34	17 47	0 39	8 47	1 53	23 19	0 25	0 46	1 31	24 41	7 45	13 0	12 37	8 59	9 16	1 47
W26	18 49	12 49	0n 4	22 24	0 35	22 10	1 19	3 1	0 33	17 43	0 39	8 44	1 53	23 19	0 25	0 47	1 31	24 42	7 45	13 0	12 38	8 58	9 16	1 46
T 27	18 34	8 39	1 26	22 27	0 26	22 13	1 16	2 42	0 32	17 39	0 39	8 42	1 53	23 19	0 25	0 47	1 31	24 42	7 45	13 0	12 39	8 56	9 16	1 46
F 28	18 19	4 0	2 41	22 29	0 16	22 16	1 13	2 23	0 31	17 35	0 40	8 39	1 53	23 19	0 25	0 48	1 31	24 43	7 45	12 59	12 40	8 54	9 16	1 46
S 29	18 3	0s47	3 44	22 30	0 7	22 18	1 9	2 5	0 30	17 31	0 40	8 37	1 53	23 19	0 25	0 48	1 30	24 43	7 45	12 59	12 42	8 53	9 16	1 46
S 30	17 46	5 25	4 32	22 30	0s 1	22 19	1 6	1 46	0 29	17 27	0 40	8 34	1 53	23 20	0 25	0 49	1 30	24 44	7 45	12 58	12 43	8 51	9 16	1 46
M31	17s30	9s38	5n 3	22s29	0s10	22s19	1n 3	1s27	0s28	17s23	0s40	8s31	1s53	23n20	0n25	0n50	1s30	24n44	7n45	12n58	12n44	8s49	9s16	1s46

Julian Day Number = 2342337.5, Delta T = 13.95 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°33'59, Lahiri = 19°41'00Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

FEBRUARY 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 44	12♒ 0'20	22♏13	18♑50	6♑18	28♓11	13♒56	12♓52	12°R11	5♈35	11°R41	25°R42	26♌22	10♓33	19♎30	T 1
W 2	8 47 40	13° 1'10	5♐23	20° 9	7°31	28°56	14°10	12°58	12♋ 9	5°36	11♌40	25♌41	26°19	10°40	19°R30	W 2
T 3	8 51 37	14° 1'58	18°17	21°30	8°45	29°41	14°24	13° 5	12° 7	5°38	11°38	25°40	26°16	10°47	19°30	T 3
F 4	8 55 33	15° 2'45	0♑55	22°52	9°58	0♈26	14°39	13°12	12° 4	5°39	11°37	25°38	26°13	10°53	19°30	F 4
S 5	8 59 30	16° 3'32	13°19	24°15	11°11	1°11	14°53	13°19	12° 2	5°41	11°35	25°37	26° 9	11° 0	19°30	S 5
S 6	9 3 27	17° 4'17	25°33	25°39	12°24	1°56	15° 7	13°25	12° 0	5°43	11°34	25°36	26° 6	11° 7	19°29	S 6
M 7	9 7 23	18° 5'01	7♒37	27° 5	13°38	2°41	15°22	13°32	11°58	5°44	11°33	25°35	26° 3	11°13	19°29	M 7
T 8	9 11 20	19° 5'43	19°34	28°31	14°51	3°25	15°36	13°39	11°57	5°46	11°31	25°34	26° 0	11°20	19°28	T 8
W 9	9 15 16	20° 6'24	1♓26	29°58	16° 4	4°10	15°51	13°46	11°55	5°48	11°30	25°D34	25°57	11°27	19°28	W 9
T 10	9 19 13	21° 7'04	13°14	1♒27	17°18	4°55	16° 5	13°53	11°53	5°49	11°28	25°35	25°53	11°33	19°27	T 10
F 11	9 23 9	22° 7'42	25° 1	2°56	18°31	5°39	16°19	14° 0	11°51	5°51	11°27	25°35	25°50	11°40	19°26	F 11
S 12	9 27 6	23° 8'18	6♈50	4°26	19°44	6°24	16°33	14° 7	11°49	5°53	11°26	25°35	25°47	11°47	19°25	S 12
S 13	9 31 2	24° 8'53	18°44	5°57	20°58	7° 9	16°48	14°14	11°47	5°55	11°24	25°36	25°44	11°53	19°23	S 13
M14	9 34 59	25° 9'26	0♉47	7°30	22°11	7°53	17° 2	14°21	11°46	5°56	11°23	25°36	25°41	12° 0	19°22	M14
T 15	9 38 56	26° 9'57	13° 2	9° 3	23°25	8°38	17°16	14°29	11°44	5°58	11°21	25°R36	25°38	12° 7	19°20	T 15
W16	9 42 52	27°10'26	25°35	10°37	24°38	9°22	17°31	14°36	11°42	6° 0	11°20	25°D36	25°34	12°13	19°19	W16
T 17	9 46 49	28°10'54	8♊28	12°12	25°52	10° 7	17°45	14°43	11°41	6° 2	11°19	25°36	25°31	12°20	19°17	T 17
F 18	9 50 45	29°11'19	21°45	13°47	27° 5	10°51	17°59	14°50	11°39	6° 4	11°17	25°36	25°28	12°27	19°15	F 18
S 19	9 54 42	0♓11'43	5♋30	15°24	28°19	11°35	18°13	14°57	11°38	6° 6	11°16	25°36	25°25	12°33	19°13	S 19
S 20	9 58 38	1°12'04	19°42	17° 2	29°32	12°20	18°28	15° 5	11°36	6° 8	11°15	25°37	25°22	12°40	19°11	S 20
M21	10 2 35	2°12'24	4♌19	18°41	0♒46	13° 4	18°42	15°12	11°35	6°10	11°13	25°37	25°19	12°46	19° 9	M21
T 22	10 6 31	3°12'42	19°16	20°21	1°59	13°48	18°56	15°19	11°34	6°12	11°12	25°R38	25°15	12°53	19° 7	T 22
W23	10 10 28	4°12'58	4♍26	22° 1	3°13	14°32	19°10	15°26	11°32	6°14	11°11	25°38	25°12	13° 0	19° 5	W23
T 24	10 14 25	5°13'12	19°40	23°43	4°27	15°16	19°24	15°34	11°31	6°16	11° 9	25°37	25° 9	13° 6	19° 2	T 24
F 25	10 18 21	6°13'24	4♎48	25°26	5°40	16° 0	19°38	15°41	11°30	6°18	11° 8	25°36	25° 6	13°13	19° 0	F 25
S 26	10 22 18	7°13'35	19°41	27°10	6°54	16°44	19°52	15°48	11°29	6°20	11° 7	25°35	25° 3	13°20	18°57	S 26
S 27	10 26 14	8°13'44	4♏11	28°55	8° 7	17°28	20° 6	15°56	11°28	6°22	11° 6	25°33	24°59	13°26	18°54	S 27
M28	10 30 11	9♓13'51	18♏16	0♓41	9♒21	18♈12	20♒20	16♓ 3	11♋27	6♈24	11♌ 4	25♌32	24♌56	13♓33	18♎52	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s13	13s15	5n16	22s27	0s18	22s19	1n 0	1s 8	0s27	17s19	0s40	8s29	1s53	23n20	0n25	0n50	1s30	24n45	7n46	12n58	12n45	8s47	9s16	1s46	T 1
W 2	16 56	16 6	5 13	22 23	0 26	22 19	0 57	0 50	0 27	17 14	0 40	8 26	1 53	23 20	0 25	0 51	1 30	24 45	7 46	12 59	12 46	8 46	9 16	1 45	W 2
T 3	16 39	18 6	4 53	22 19	0 34	22 18	0 54	0 31	0 26	17 10	0 40	8 23	1 53	23 20	0 25	0 51	1 30	24 46	7 46	12 59	12 47	8 44	9 16	1 45	T 3
F 4	16 21	19 9	4 19	22 13	0 41	22 16	0 51	0 12	0 25	17 6	0 40	8 21	1 53	23 21	0 25	0 52	1 30	24 46	7 46	13 0	12 48	8 42	9 16	1 45	F 4
S 5	16 3	19 16	3 34	22 6	0 49	22 13	0 47	0n 6	0 24	17 2	0 40	8 18	1 53	23 21	0 25	0 53	1 30	24 47	7 46	13 0	12 49	8 40	9 16	1 45	S 5
S 6	15 45	18 27	2 39	21 57	0 56	22 10	0 44	0 25	0 23	16 58	0 40	8 15	1 53	23 21	0 25	0 53	1 30	24 47	7 46	13 1	12 50	8 39	9 15	1 45	S 6
M 7	15 26	16 49	1 38	21 48	1 2	22 6	0 41	0 43	0 22	16 54	0 40	8 13	1 53	23 21	0 25	0 54	1 30	24 48	7 46	13 1	12 51	8 37	9 15	1 45	M 7
T 8	15 7	14 27	0 33	21 37	1 9	22 1	0 38	1 2	0 21	16 50	0 40	8 10	1 53	23 21	0 25	0 55	1 30	24 48	7 46	13 1	12 52	8 35	9 15	1 44	T 8
W 9	14 48	11 29	0s33	21 24	1 15	21 56	0 35	1 21	0 21	16 45	0 40	8 7	1 53	23 22	0 25	0 56	1 30	24 49	7 46	13 1	12 53	8 33	9 14	1 44	W 9
T 10	14 29	8 5	1 37	21 11	1 21	21 50	0 31	1 39	0 20	16 41	0 41	8 5	1 52	23 22	0 25	0 56	1 30	24 49	7 46	13 1	12 54	8 32	9 14	1 44	T 10
F 11	14 9	4 23	2 37	20 56	1 26	21 44	0 28	1 58	0 19	16 37	0 41	8 2	1 52	23 22	0 25	0 57	1 30	24 49	7 46	13 1	12 56	8 30	9 13	1 44	F 11
S 12	13 50	0 30	3 30	20 40	1 32	21 36	0 25	2 16	0 18	16 33	0 41	7 59	1 52	23 22	0 25	0 58	1 30	24 50	7 46	13 1	12 57	8 28	9 12	1 44	S 12
S 13	13 30	3n25	4 15	20 22	1 37	21 29	0 22	2 34	0 17	16 28	0 41	7 56	1 52	23 22	0 25	0 58	1 30	24 50	7 46	13 1	12 58	8 26	9 12	1 44	S 13
M14	13 9	7 15	4 49	20 3	1 41	21 20	0 19	2 53	0 16	16 24	0 41	7 54	1 52	23 22	0 25	0 59	1 30	24 51	7 46	13 0	12 59	8 25	9 11	1 43	M14
T 15	12 49	10 50	5 11	19 43	1 45	21 11	0 16	3 11	0 16	16 20	0 41	7 51	1 52	23 22	0 25	1 0	1 30	24 51	7 46	13 0	13 0	8 23	9 10	1 43	T 15
W16	12 28	14 2	5 18	19 21	1 49	21 1	0 13	3 29	0 15	16 16	0 41	7 48	1 52	23 23	0 25	1 1	1 30	24 52	7 46	13 0	13 1	8 21	9 10	1 43	W16
T 17	12 7	16 39	5 10	18 58	1 53	20 51	0 9	3 48	0 14	16 11	0 41	7 45	1 52	23 23	0 25	1 1	1 30	24 52	7 46	13 0	13 2	8 19	9 9	1 43	T 17
F 18	11 46	18 28	4 46	18 34	1 56	20 40	0 6	4 6	0 13	16 7	0 41	7 42	1 52	23 23	0 25	1 2	1 30	24 52	7 46	13 0	13 3	8 18	9 8	1 43	F 18
S 19	11 25	19 18	4 4	18 8	1 59	20 29	0 3	4 24	0 12	16 3	0 41	7 40	1 52	23 23	0 25	1 3	1 30	24 53	7 46	13 0	13 4	8 16	9 7	1 42	S 19
S 20	11 4	18 57	3 7	17 41	2 2	20 17	0 0	4 42	0 12	15 59	0 42	7 37	1 52	23 23	0 25	1 4	1 30	24 53	7 46	13 0	13 5	8 14	9 6	1 42	S 20
M21	10 42	17 20	1 56	17 13	2 4	20 4	0s 3	5 0	0 11	15 54	0 42	7 34	1 52	23 23	0 25	1 5	1 30	24 53	7 46	13 0	13 6	8 12	9 5	1 42	M21
T 22	10 21	14 30	0 35	16 43	2 5	19 50	0 6	5 18	0 10	15 50	0 42	7 31	1 52	23 23	0 25	1 5	1 30	24 54	7 46	13 0	13 7	8 10	9 4	1 42	T 22
W23	9 59	10 39	0n49	16 11	2 7	19 37	0 9	5 36	0 9	15 46	0 42	7 28	1 52	23 23	0 25	1 6	1 30	24 54	7 46	13 0	13 8	8 9	9 3	1 42	W23
T 24	9 37	6 5	2 10	15 39	2 8	19 22	0 12	5 54	0 8	15 41	0 42	7 26	1 52	23 23	0 25	1 7	1 30	24 55	7 46	13 0	13 9	8 7	9 2	1 41	T 24
F 25	9 15	1 10	3 21	15 5	2 8	19 7	0 15	6 11	0 8	15 37	0 42	7 23	1 52	23 24	0 25	1 8	1 30	24 55	7 46	13 0	13 11	8 5	9 1	1 41	F 25
S 26	8 52	3s44	4 17	14 29	2 8	18 52	0 17	6 29	0 7	15 33	0 42	7 20	1 52	23 24	0 25	1 9	1 30	24 55	7 46	13 1	13 12	8 3	8 59	1 41	S 26
S 27	8 30	8 18	4 56	13 52	2 8	18 35	0 20	6 47	0 6	15 28	0 42	7 17	1 52	23 24	0 25	1 9	1 30	24 56	7 46	13 1	13 13	8 2	8 58	1 41	S 27
M28	8s 7	12s15	5n15	13s14	2s 7	18s19	0s23	7n 4	0s 5	15s24	0s42	7s14	1s52	23n24	0n25	1n10	1s30	24n56	7n46	13n 2	13n14	8s 0	8s57	1s41	M28

Julian Day Number = 2342368.5, Delta T = 13.92 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'03, Lahiri = 19°41'04Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

MARCH 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 7	10♓13'58	1♐54	2♓28	10♒35	18♈56	20♒34	16♓10	11°R26	6♈26	11°R 3	25°R31	24♌53	13♓40	18°R49	T 1
W 2	10 38 4	11°14'02	15° 6	4°16	11°48	19°40	20°48	16°18	11♋25	6°28	11♌ 2	25°D31	24°50	13°46	18♎46	W 2
T 3	10 42 0	12°14'05	27°55	6° 5	13° 2	20°24	21° 2	16°25	11°24	6°30	11° 1	25♌32	24°47	13°53	18°43	T 3
F 4	10 45 57	13°14'06	10♑25	7°55	14°16	21° 8	21°16	16°32	11°23	6°32	11° 0	25°33	24°44	14° 0	18°39	F 4
S 5	10 49 53	14°14'06	22°38	9°47	15°30	21°51	21°30	16°40	11°22	6°34	10°58	25°34	24°40	14° 6	18°36	S 5
S 6	10 53 50	15°14'04	4♒41	11°39	16°43	22°35	21°44	16°47	11°21	6°36	10°57	25°36	24°37	14°13	18°33	S 6
M 7	10 57 47	16°14'00	16°35	13°33	17°57	23°19	21°57	16°55	11°21	6°38	10°56	25°37	24°34	14°20	18°29	M 7
T 8	11 1 43	17°13'54	28°25	15°27	19°11	24° 2	22°11	17° 2	11°20	6°41	10°55	25°R37	24°31	14°26	18°26	T 8
W 9	11 5 40	18°13'47	10♓12	17°23	20°24	24°46	22°25	17° 9	11°19	6°43	10°54	25°36	24°28	14°33	18°22	W 9
T 10	11 9 36	19°13'37	22° 0	19°19	21°38	25°30	22°38	17°17	11°19	6°45	10°53	25°34	24°24	14°40	18°18	T 10
F 11	11 13 33	20°13'25	3♈50	21°17	22°52	26°13	22°52	17°24	11°18	6°47	10°52	25°31	24°21	14°46	18°15	F 11
S 12	11 17 29	21°13'12	15°44	23°15	24° 6	26°56	23° 5	17°32	11°18	6°49	10°51	25°27	24°18	14°53	18°11	S 12
S 13	11 21 26	22°12'56	27°45	25°14	25°19	27°40	23°19	17°39	11°17	6°52	10°50	25°22	24°15	15° 0	18° 7	S 13
M14	11 25 22	23°12'38	9♉54	27°14	26°33	28°23	23°32	17°46	11°17	6°54	10°49	25°17	24°12	15° 6	18° 3	M14
T 15	11 29 19	24°12'18	22°14	29°14	27°47	29° 7	23°46	17°54	11°17	6°56	10°48	25°13	24° 9	15°13	17°59	T 15
W16	11 33 16	25°11'55	4♊48	1♈14	29° 1	29°50	23°59	18° 1	11°17	6°58	10°47	25°10	24° 5	15°19	17°55	W16
T 17	11 37 12	26°11'31	17°38	3°15	0♓14	0♉33	24°12	18° 8	11°16	7° 0	10°46	25° 9	24° 2	15°26	17°51	T 17
F 18	11 41 9	27°11'04	0♋49	5°15	1°28	1°16	24°26	18°16	11°16	7° 3	10°45	25°D 8	23°59	15°33	17°47	F 18
S 19	11 45 5	28°10'34	14°22	7°14	2°42	1°59	24°39	18°23	11°16	7° 5	10°44	25° 9	23°56	15°39	17°42	S 19
S 20	11 49 2	29°10'03	28°20	9°13	3°56	2°42	24°52	18°30	11°D16	7° 7	10°43	25°11	23°53	15°46	17°38	S 20
M21	11 52 58	0♈ 9'29	12♌42	11°11	5° 9	3°26	25° 5	18°38	11°16	7° 9	10°42	25°12	23°50	15°53	17°34	M21
T 22	11 56 55	1° 8'53	27°27	13° 8	6°23	4° 9	25°18	18°45	11°16	7°12	10°41	25°R12	23°46	15°59	17°29	T 22
W23	12 0 51	2° 8'14	12♍29	15° 2	7°37	4°51	25°31	18°52	11°17	7°14	10°41	25°11	23°43	16° 6	17°25	W23
T 24	12 4 48	3° 7'33	27°41	16°54	8°51	5°34	25°44	18°59	11°17	7°16	10°40	25° 9	23°40	16°13	17°20	T 24
F 25	12 8 45	4° 6'50	12♎53	18°44	10° 4	6°17	25°57	19° 7	11°17	7°19	10°39	25° 4	23°37	16°19	17°16	F 25
S 26	12 12 41	5° 6'05	27°55	20°30	11°18	7° 0	26° 9	19°14	11°17	7°21	10°38	24°58	23°34	16°26	17°11	S 26
S 27	12 16 38	6° 5'18	12♏37	22°13	12°32	7°43	26°22	19°21	11°18	7°23	10°38	24°52	23°30	16°33	17° 6	S 27
M28	12 20 34	7° 4'30	26°54	23°52	13°46	8°26	26°35	19°28	11°18	7°25	10°37	24°46	23°27	16°39	17° 2	M28
T 29	12 24 31	8° 3'39	10♐42	25°27	14°59	9° 8	26°47	19°35	11°19	7°28	10°36	24°41	23°24	16°46	16°57	T 29
W30	12 28 27	9° 2'47	24° 2	26°57	16°13	9°51	27° 0	19°43	11°19	7°30	10°36	24°38	23°21	16°53	16°53	W30
T 31	12 32 24	10♈ 1'53	6♑54	28♈22	17♓27	10♉33	27♒12	19♓50	11♋20	7♈32	10♌35	24°D37	23♌18	16♓59	16♎48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s45	15s25	5n15	12s34	2s 6	18s 2	0s26	7n21	0s 5	15s20	0s42	7s11	1s52	23n24	0n25	1n11	1s30	24n56	7n46	13n 2	13n15	7s58	8s56	1s40
W 2	7 22	17 41	4 59	11 53	2 4	17 44	0 29	7 39	0 4	15 15	0 43	7 9	1 52	23 24	0 25	1 12	1 30	24 57	7 46	13 2	13 16	7 56	8 54	1 40
T 3	6 59	19 0	4 28	11 11	2 2	17 26	0 31	7 56	0 3	15 11	0 43	7 6	1 52	23 24	0 25	1 13	1 30	24 57	7 46	13 2	13 17	7 54	8 53	1 40
F 4	6 36	19 20	3 45	10 27	1 59	17 7	0 34	8 13	0 2	15 7	0 43	7 3	1 53	23 24	0 25	1 14	1 30	24 57	7 46	13 1	13 18	7 53	8 51	1 40
S 5	6 13	18 44	2 53	9 42	1 56	16 48	0 37	8 30	0 2	15 2	0 43	7 0	1 53	23 24	0 25	1 15	1 30	24 57	7 46	13 1	13 19	7 51	8 50	1 39
S 6	5 50	17 17	1 53	8 56	1 52	16 28	0 39	8 47	0 1	14 58	0 43	6 57	1 53	23 24	0 25	1 15	1 30	24 58	7 46	13 0	13 20	7 49	8 48	1 39
M 7	5 26	15 6	0 50	8 9	1 48	16 8	0 42	9 4	0 0	14 54	0 43	6 54	1 53	23 24	0 25	1 16	1 30	24 58	7 46	13 0	13 21	7 47	8 47	1 39
T 8	5 3	12 17	0s15	7 20	1 43	15 47	0 44	9 21	0n 1	14 49	0 43	6 51	1 53	23 24	0 25	1 17	1 29	24 58	7 46	13 0	13 22	7 45	8 45	1 39
W 9	4 40	8 59	1 20	6 30	1 38	15 26	0 46	9 38	0 1	14 45	0 43	6 49	1 53	23 24	0 25	1 18	1 29	24 59	7 46	13 0	13 23	7 44	8 44	1 38
T 10	4 16	5 20	2 20	5 39	1 32	15 5	0 49	9 54	0 2	14 41	0 44	6 46	1 53	23 24	0 25	1 19	1 29	24 59	7 46	13 1	13 24	7 42	8 42	1 38
F 11	3 53	1 28	3 15	4 46	1 26	14 43	0 51	10 11	0 3	14 36	0 44	6 43	1 53	23 24	0 25	1 20	1 29	24 59	7 46	13 2	13 25	7 40	8 40	1 38
S 12	3 29	2n29	4 2	3 53	1 19	14 21	0 53	10 27	0 4	14 32	0 44	6 40	1 53	23 24	0 25	1 21	1 29	24 59	7 46	13 3	13 26	7 38	8 38	1 37
S 13	3 6	6 21	4 38	2 59	1 11	13 58	0 56	10 44	0 4	14 28	0 44	6 37	1 53	23 24	0 25	1 21	1 29	24 59	7 45	13 5	13 28	7 36	8 37	1 37
M14	2 42	10 1	5 2	2 4	1 3	13 35	0 58	11 0	0 5	14 23	0 44	6 34	1 53	23 24	0 25	1 22	1 29	25 0	7 45	13 7	13 29	7 34	8 35	1 37
T 15	2 18	13 19	5 13	1 8	0 54	13 12	1 0	11 16	0 6	14 19	0 44	6 32	1 53	23 24	0 25	1 23	1 29	25 0	7 45	13 8	13 30	7 33	8 33	1 37
W16	1 55	16 4	5 9	0 12	0 45	12 48	1 2	11 32	0 6	14 15	0 44	6 29	1 53	23 24	0 25	1 24	1 29	25 0	7 45	13 9	13 31	7 31	8 31	1 36
T 17	1 31	18 6	4 50	0n45	0 35	12 24	1 4	11 48	0 7	14 10	0 45	6 26	1 53	23 24	0 25	1 25	1 29	25 0	7 45	13 10	13 32	7 29	8 29	1 36
F 18	1 7	19 14	4 15	1 42	0 25	11 59	1 6	12 3	0 8	14 6	0 45	6 23	1 53	23 24	0 25	1 26	1 29	25 0	7 45	13 10	13 33	7 27	8 28	1 36
S 19	0 44	19 18	3 25	2 39	0 15	11 35	1 7	12 19	0 9	14 2	0 45	6 20	1 53	23 24	0 25	1 27	1 29	25 1	7 45	13 9	13 34	7 25	8 26	1 35
S 20	0 20	18 13	2 22	3 36	0 4	11 10	1 9	12 35	0 9	13 58	0 45	6 17	1 53	23 24	0 25	1 28	1 29	25 1	7 45	13 9	13 35	7 24	8 24	1 35
M21	0n 4	15 56	1 8	4 33	0n 8	10 44	1 11	12 50	0 10	13 53	0 45	6 15	1 53	23 24	0 25	1 29	1 29	25 1	7 45	13 8	13 36	7 22	8 22	1 35
T 22	0 27	12 34	0n12	5 29	0 19	10 18	1 13	13 5	0 11	13 49	0 45	6 12	1 53	23 24	0 25	1 29	1 29	25 1	7 45	13 8	13 37	7 20	8 20	1 34
W23	0 51	8 19	1 33	6 25	0 31	9 52	1 14	13 20	0 11	13 45	0 45	6 9	1 54	23 24	0 25	1 30	1 29	25 1	7 45	13 9	13 38	7 18	8 18	1 34
T 24	1 15	3 29	2 48	7 19	0 43	9 26	1 16	13 35	0 12	13 41	0 46	6 6	1 54	23 24	0 25	1 31	1 29	25 1	7 44	13 10	13 39	7 16	8 16	1 34
F 25	1 38	1s33	3 51	8 12	0 55	9 0	1 17	13 50	0 13	13 36	0 46	6 4	1 54	23 24	0 25	1 32	1 29	25 2	7 44	13 11	13 40	7 14	8 14	1 33
S 26	2 2	6 26	4 37	9 3	1 7	8 33	1 19	14 5	0 13	13 32	0 46	6 1	1 54	23 24	0 25	1 33	1 29	25 2	7 44	13 13	13 41	7 12	8 12	1 33
S 27	2 25	10 50	5 3	9 53	1 19	8 6	1 20	14 19	0 14	13 28	0 46	5 58	1 54	23 24	0 25	1 34	1 29	25 2	7 44	13 15	13 42	7 11	8 9	1 33
M28	2 49	14 28	5 10	10 41	1 31	7 39	1 21	14 34	0 15	13 24	0 46	5 55	1 54	23 24	0 25	1 35	1 29	25 2	7 44	13 17	13 43	7 9	8 7	1 32
T 29	3 12	17 10	4 58	11 26	1 42	7 11	1 22	14 48	0 15	13 20	0 46	5 53	1 54	23 24	0 25	1 36	1 29	25 2	7 44	13 19	13 44	7 7	8 5	1 32
W30	3 35	18 50	4 31	12 9	1 53	6 44	1 23	15 2	0 16	13 16	0 47	5 50	1 54	23 24	0 25	1 37	1 29	25 2	7 44	13 20	13 45	7 5	8 3	1 32
T 31	3n59	19s28	3n50	12n50	2n 4	6s16	1s25	15n16	0n17	13s12	0s47	5s47	1s54	23n24	0n25	1n38	1s29	25n 2	7n44	13n20	13n46	7s 3	8s 1	1s31

Julian Day Number = 2342396.5, Delta T = 13.89 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'07, Lahiri = 19°41'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

APRIL 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 20	11♈ 0'57	19♉24	29♈42	18♓41	11♉16	27♒24	19♓57	11♋20	7♈34	10°R34	24♌37	23♌15	17♓ 6	16°R43	F 1
S 2	12 40 17	12° 0'00	1♒35	0♉56	19°54	11°59	27°37	20° 4	11°21	7°37	10♌34	24°38	23°11	17°13	16♎38	S 2
S 3	12 44 13	12°59'00	13°33	2° 5	21° 8	12°41	27°49	20°11	11°22	7°39	10°33	24°40	23° 8	17°19	16°34	S 3
M 4	12 48 10	13°57'59	25°23	3° 8	22°22	13°23	28° 1	20°18	11°23	7°41	10°33	24°R40	23° 5	17°26	16°29	M 4
T 5	12 52 7	14°56'56	7♓10	4° 5	23°36	14° 6	28°13	20°25	11°23	7°43	10°32	24°39	23° 2	17°33	16°24	T 5
W 6	12 56 3	15°55'51	18°57	4°56	24°49	14°48	28°25	20°32	11°24	7°46	10°32	24°36	22°59	17°39	16°19	W 6
T 7	13 0 0	16°54'44	0♈47	5°40	26° 3	15°30	28°37	20°39	11°25	7°48	10°31	24°31	22°55	17°46	16°14	T 7
F 8	13 3 56	17°53'35	12°42	6°19	27°17	16°13	28°48	20°45	11°26	7°50	10°31	24°23	22°52	17°53	16°10	F 8
S 9	13 7 53	18°52'24	24°45	6°50	28°31	16°55	29° 0	20°52	11°27	7°52	10°31	24°14	22°49	17°59	16° 5	S 9
S 10	13 11 49	19°51'11	6♉57	7°16	29°44	17°37	29°12	20°59	11°28	7°55	10°30	24° 3	22°46	18° 6	16° 0	S 10
M11	13 15 46	20°49'56	19°19	7°34	0♈58	18°19	29°23	21° 6	11°30	7°57	10°30	23°53	22°43	18°13	15°55	M11
T 12	13 19 42	21°48'39	1♊51	7°47	2°12	19° 1	29°35	21°13	11°31	7°59	10°30	23°43	22°40	18°19	15°51	T 12
W13	13 23 39	22°47'20	14°35	7°53	3°25	19°43	29°46	21°19	11°32	8° 1	10°29	23°35	22°36	18°26	15°46	W13
T 14	13 27 36	23°45'59	27°32	7°R53	4°39	20°25	29°57	21°26	11°33	8° 4	10°29	23°30	22°33	18°33	15°41	T 14
F 15	13 31 32	24°44'35	10♋45	7°47	5°53	21° 7	0♓ 8	21°33	11°35	8° 6	10°29	23°27	22°30	18°39	15°37	F 15
S 16	13 35 29	25°43'09	24°14	7°36	7° 7	21°49	0°19	21°39	11°36	8° 8	10°29	23°D26	22°27	18°46	15°32	S 16
S 17	13 39 25	26°41'41	8♌ 2	7°19	8°20	22°31	0°30	21°46	11°38	8°10	10°28	23°26	22°24	18°52	15°27	S 17
M18	13 43 22	27°40'11	22° 9	6°57	9°34	23°13	0°41	21°52	11°39	8°12	10°28	23°R27	22°21	18°59	15°23	M18
T 19	13 47 18	28°38'39	6♍35	6°31	10°48	23°54	0°52	21°59	11°41	8°14	10°28	23°26	22°17	19° 6	15°18	T 19
W20	13 51 15	29°37'04	21°18	6° 1	12° 1	24°36	1° 3	22° 5	11°42	8°17	10°28	23°23	22°14	19°12	15°14	W20
T 21	13 55 11	0♉35'27	6♎13	5°28	13°15	25°18	1°13	22°11	11°44	8°19	10°28	23°18	22°11	19°19	15° 9	T 21
F 22	13 59 8	1°33'48	21°11	4°52	14°29	25°59	1°24	22°18	11°46	8°21	10°28	23°10	22° 8	19°26	15° 5	F 22
S 23	14 3 5	2°32'07	6♏ 4	4°14	15°42	26°41	1°34	22°24	11°47	8°23	10°D28	23° 1	22° 5	19°32	15° 0	S 23
S 24	14 7 1	3°30'25	20°43	3°35	16°56	27°23	1°44	22°30	11°49	8°25	10°28	22°50	22° 1	19°39	14°56	S 24
M25	14 10 58	4°28'41	5♐ 1	2°55	18°10	28° 4	1°54	22°36	11°51	8°27	10°28	22°40	21°58	19°46	14°52	M25
T 26	14 14 54	5°26'55	18°53	2°16	19°23	28°46	2° 4	22°42	11°53	8°29	10°28	22°31	21°55	19°52	14°47	T 26
W27	14 18 51	6°25'08	2♑17	1°37	20°37	29°27	2°14	22°48	11°55	8°31	10°28	22°25	21°52	19°59	14°43	W27
T 28	14 22 47	7°23'19	15°13	1° 0	21°51	0♊ 8	2°24	22°54	11°57	8°33	10°28	22°20	21°49	20° 6	14°39	T 28
F 29	14 26 44	8°21'29	27°46	0°25	23° 4	0°50	2°34	23° 0	11°59	8°35	10°29	22°18	21°46	20°12	14°35	F 29
S 30	14 30 40	9♉19'37	9♒59	29♈53	24♈18	1♊31	2♓43	23♓ 6	12♋ 1	8♈37	10♌29	22°D18	21♌42	20♓19	14♎31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n22	19s 7	2n59	13n28	2n14	5s48	1s26	15n30	0n17	13s 8	0s47	5s44	1s54	23n24	0n25	1n38	1s29	25n 2	7n44	13n20	13n48	7s 1	7s59	1s31
S 2	4 45	17 52	2 2	14 3	2 23	5 20	1 26	15 44	0 18	13 3	0 47	5 42	1 55	23 24	0 25	1 39	1 29	25 2	7 44	13 20	13 49	7 0	7 57	1 31
S 3	5 8	15 49	1 0	14 35	2 31	4 51	1 27	15 58	0 18	12 59	0 47	5 39	1 55	23 24	0 25	1 40	1 29	25 2	7 43	13 19	13 50	6 58	7 54	1 30
M 4	5 31	13 8	0s 4	15 4	2 39	4 23	1 28	16 11	0 19	12 55	0 47	5 36	1 55	23 24	0 25	1 41	1 29	25 2	7 43	13 19	13 51	6 56	7 52	1 30
T 5	5 54	9 56	1 7	15 30	2 46	3 54	1 29	16 24	0 20	12 51	0 48	5 34	1 55	23 24	0 25	1 42	1 29	25 2	7 43	13 19	13 52	6 54	7 50	1 30
W 6	6 17	6 20	2 7	15 53	2 52	3 26	1 29	16 38	0 20	12 47	0 48	5 31	1 55	23 24	0 24	1 43	1 29	25 2	7 43	13 20	13 53	6 52	7 48	1 29
T 7	6 39	2 28	3 2	16 13	2 57	2 57	1 30	16 51	0 21	12 43	0 48	5 29	1 55	23 23	0 24	1 44	1 30	25 2	7 43	13 22	13 54	6 50	7 46	1 29
F 8	7 2	1n31	3 49	16 29	3 0	2 28	1 31	17 3	0 21	12 39	0 48	5 26	1 55	23 23	0 24	1 45	1 30	25 2	7 43	13 25	13 55	6 48	7 43	1 28
S 9	7 24	5 28	4 26	16 42	3 3	1 59	1 31	17 16	0 22	12 36	0 48	5 23	1 55	23 23	0 24	1 45	1 30	25 2	7 43	13 28	13 56	6 46	7 41	1 28
S 10	7 47	9 16	4 52	16 52	3 4	1 30	1 31	17 29	0 23	12 32	0 48	5 21	1 55	23 23	0 24	1 46	1 30	25 2	7 43	13 31	13 57	6 45	7 39	1 28
M11	8 9	12 42	5 4	16 58	3 4	1 1	1 32	17 41	0 23	12 28	0 49	5 18	1 56	23 23	0 24	1 47	1 30	25 2	7 42	13 35	13 58	6 43	7 37	1 27
T 12	8 31	15 38	5 2	17 1	3 3	0 32	1 32	17 53	0 24	12 24	0 49	5 16	1 56	23 23	0 24	1 48	1 30	25 2	7 42	13 38	13 59	6 41	7 35	1 27
W13	8 53	17 52	4 45	17 0	3 1	0 3	1 32	18 5	0 24	12 20	0 49	5 13	1 56	23 23	0 24	1 49	1 30	25 2	7 42	13 41	14 0	6 39	7 32	1 26
T 14	9 14	19 14	4 13	16 57	2 57	0n27	1 32	18 17	0 25	12 16	0 49	5 11	1 56	23 23	0 24	1 50	1 30	25 2	7 42	13 43	14 1	6 37	7 30	1 26
F 15	9 36	19 36	3 28	16 50	2 51	0 56	1 32	18 29	0 26	12 13	0 49	5 8	1 56	23 23	0 24	1 51	1 30	25 2	7 42	13 44	14 2	6 35	7 28	1 26
S 16	9 57	18 51	2 29	16 39	2 44	1 25	1 32	18 40	0 26	12 9	0 50	5 6	1 56	23 22	0 24	1 51	1 30	25 2	7 42	13 44	14 3	6 33	7 26	1 25
S 17	10 19	16 59	1 21	16 26	2 36	1 54	1 32	18 52	0 27	12 5	0 50	5 3	1 56	23 22	0 24	1 52	1 30	25 2	7 42	13 44	14 4	6 31	7 24	1 25
M18	10 40	14 2	0 7	16 10	2 27	2 23	1 32	19 3	0 27	12 1	0 50	5 1	1 57	23 22	0 24	1 53	1 30	25 2	7 41	13 44	14 5	6 29	7 22	1 24
T 19	11 1	10 11	1n10	15 51	2 16	2 52	1 32	19 14	0 28	11 58	0 50	4 58	1 57	23 22	0 24	1 54	1 30	25 2	7 41	13 44	14 6	6 28	7 19	1 24
W20	11 21	5 38	2 23	15 29	2 3	3 22	1 31	19 25	0 28	11 54	0 50	4 56	1 57	23 22	0 24	1 55	1 30	25 2	7 41	13 45	14 7	6 26	7 17	1 23
T 21	11 42	0 42	3 27	15 6	1 50	3 51	1 31	19 35	0 29	11 51	0 51	4 54	1 57	23 22	0 24	1 56	1 30	25 1	7 41	13 46	14 8	6 24	7 15	1 23
F 22	12 2	4s18	4 17	14 40	1 36	4 20	1 30	19 46	0 30	11 47	0 51	4 51	1 57	23 21	0 24	1 56	1 30	25 1	7 41	13 49	14 9	6 22	7 13	1 23
S 23	12 22	9 0	4 50	14 13	1 21	4 48	1 30	19 56	0 30	11 44	0 51	4 49	1 57	23 21	0 24	1 57	1 30	25 1	7 41	13 52	14 10	6 20	7 11	1 22
S 24	12 42	13 6	5 2	13 45	1 5	5 17	1 29	20 6	0 31	11 40	0 51	4 47	1 57	23 21	0 24	1 58	1 30	25 1	7 41	13 56	14 11	6 18	7 9	1 22
M25	13 2	16 19	4 56	13 16	0 48	5 46	1 29	20 16	0 31	11 37	0 51	4 44	1 58	23 21	0 24	1 59	1 30	25 1	7 40	13 59	14 12	6 16	7 7	1 21
T 26	13 22	18 30	4 31	12 46	0 31	6 15	1 28	20 26	0 32	11 33	0 52	4 42	1 58	23 21	0 24	2 0	1 30	25 1	7 40	14 2	14 13	6 14	7 5	1 21
W27	13 41	19 34	3 53	12 17	0 14	6 43	1 27	20 35	0 32	11 30	0 52	4 40	1 58	23 21	0 24	2 0	1 30	25 1	7 40	14 4	14 14	6 12	7 3	1 20
T 28	14 0	19 34	3 4	11 47	0s 3	7 11	1 26	20 45	0 33	11 27	0 52	4 38	1 58	23 20	0 24	2 1	1 30	25 0	7 40	14 5	14 15	6 10	7 1	1 20
F 29	14 19	18 34	2 6	11 19	0 20	7 39	1 25	20 54	0 33	11 23	0 52	4 35	1 58	23 20	0 24	2 2	1 30	25 0	7 40	14 6	14 16	6 9	6 59	1 19
S 30	14n37	16s44	1n 5	10n52	0s37	8n 7	1s25	21n 3	0n34	11s20	0s52	4s33	1s59	23n20	0n24	2n 3	1s30	25n 0	7n40	14n 6	14n18	6s 7	6s57	1s19

Julian Day Number = 2342427.5, Delta T = 13.86 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'12, Lahiri = 19°41'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

MAY 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 37	10♉17'44	21♒58	29°R24	25♈32	2♊12	2♓53	23♓12	12♋ 3	8♈39	10♌29	22°R18	21♌39	20♓26	14°R27	S 1
M 2	14 38 34	11°15'49	3♓49	28♈59	26°45	2°53	3° 2	23°18	12° 5	8°41	10°29	22♌18	21°36	20°32	14♎23	M 2
T 3	14 42 30	12°13'53	15°36	28°38	27°59	3°35	3°11	23°24	12° 7	8°43	10°29	22°16	21°33	20°39	14°19	T 3
W 4	14 46 27	13°11'55	27°25	28°20	29°12	4°16	3°20	23°29	12° 9	8°45	10°30	22°11	21°30	20°46	14°15	W 4
T 5	14 50 23	14° 9'56	9♈19	28° 8	0♉26	4°57	3°29	23°35	12°12	8°47	10°30	22° 4	21°27	20°52	14°12	T 5
F 6	14 54 20	15° 7'55	21°22	27°59	1°40	5°38	3°38	23°40	12°14	8°49	10°30	21°54	21°23	20°59	14° 8	F 6
S 7	14 58 16	16° 5'53	3♉35	27°D56	2°53	6°19	3°47	23°46	12°16	8°51	10°31	21°42	21°20	21° 6	14° 5	S 7
S 8	15 2 13	17° 3'50	16° 1	27°57	4° 7	7° 0	3°55	23°51	12°19	8°53	10°31	21°29	21°17	21°12	14° 1	S 8
M 9	15 6 9	18° 1'45	28°39	28° 2	5°21	7°41	4° 4	23°57	12°21	8°55	10°32	21°16	21°14	21°19	13°58	M 9
T 10	15 10 6	18°59'38	11♊29	28°12	6°34	8°22	4°12	24° 2	12°24	8°57	10°32	21° 4	21°11	21°26	13°54	T 10
W11	15 14 3	19°57'30	24°31	28°27	7°48	9° 3	4°20	24° 7	12°26	8°59	10°33	20°53	21° 7	21°32	13°51	W11
T 12	15 17 59	20°55'20	7♋45	28°46	9° 2	9°43	4°28	24°12	12°29	9° 0	10°33	20°46	21° 4	21°39	13°48	T 12
F 13	15 21 56	21°53'09	21°10	29°10	10°15	10°24	4°36	24°17	12°31	9° 2	10°34	20°42	21° 1	21°46	13°45	F 13
S 14	15 25 52	22°50'56	4♌46	29°38	11°29	11° 5	4°44	24°22	12°34	9° 4	10°34	20°40	20°58	21°52	13°42	S 14
S 15	15 29 49	23°48'41	18°34	0♉10	12°42	11°46	4°51	24°27	12°37	9° 6	10°35	20°39	20°55	21°59	13°39	S 15
M16	15 33 45	24°46'24	2♍34	0°46	13°56	12°26	4°59	24°32	12°39	9° 7	10°35	20°39	20°52	22° 6	13°36	M16
T 17	15 37 42	25°44'06	16°47	1°26	15°10	13° 7	5° 6	24°37	12°42	9° 9	10°36	20°38	20°48	22°12	13°34	T 17
W18	15 41 38	26°41'46	1♎11	2° 9	16°23	13°48	5°13	24°42	12°45	9°11	10°37	20°35	20°45	22°19	13°31	W18
T 19	15 45 35	27°39'24	15°42	2°57	17°37	14°28	5°20	24°46	12°47	9°12	10°37	20°29	20°42	22°26	13°29	T 19
F 20	15 49 31	28°37'01	0♏16	3°47	18°50	15° 9	5°27	24°51	12°50	9°14	10°38	20°21	20°39	22°32	13°26	F 20
S 21	15 53 28	29°34'37	14°48	4°42	20° 4	15°49	5°33	24°55	12°53	9°16	10°39	20°11	20°36	22°39	13°24	S 21
S 22	15 57 25	0♊32'11	29° 8	5°39	21°18	16°30	5°40	25° 0	12°56	9°17	10°40	20° 0	20°32	22°46	13°22	S 22
M23	16 1 21	1°29'44	13♐13	6°40	22°31	17°10	5°46	25° 4	12°59	9°19	10°40	19°48	20°29	22°52	13°20	M23
T 24	16 5 18	2°27'17	26°56	7°44	23°45	17°50	5°53	25° 8	13° 2	9°20	10°41	19°39	20°26	22°59	13°18	T 24
W25	16 9 14	3°24'48	10♑15	8°51	24°58	18°31	5°59	25°13	13° 5	9°22	10°42	19°31	20°23	23° 6	13°16	W25
T 26	16 13 11	4°22'18	23°11	10° 1	26°12	19°11	6° 5	25°17	13° 8	9°23	10°43	19°26	20°20	23°12	13°14	T 26
F 27	16 17 7	5°19'47	5♒44	11°14	27°26	19°51	6°10	25°21	13°11	9°25	10°44	19°24	20°17	23°19	13°12	F 27
S 28	16 21 4	6°17'15	17°59	12°30	28°39	20°31	6°16	25°25	13°14	9°26	10°45	19°D23	20°13	23°26	13°11	S 28
S 29	16 25 1	7°14'43	0♓ 0	13°49	29°53	21°12	6°21	25°29	13°17	9°28	10°46	19°23	20°10	23°32	13° 9	S 29
M30	16 28 57	8°12'10	11°53	15°10	1♊ 6	21°52	6°27	25°32	13°20	9°29	10°47	19°R23	20° 7	23°39	13° 8	M30
T 31	16 32 54	9♊ 9'36	23♓42	16♉35	2♊20	22♊32	6♓32	25♓36	13♋23	9♈31	10♌48	19♌22	20♌ 4	23♓46	13♎ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n56	14s11	0n 2	10n27	0s54	8n35	1s24	21n12	0n34	11s17	0s53	4s31	1s59	23n20	0n24	2n 4	1s30	25n 0	7n40	14n 6	14n19	6s 5	6s55	1s19
M 2	15 14	11 4	1s 1	10 3	1 10	9 3	1 22	21 20	0 35	11 14	0 53	4 29	1 59	23 20	0 24	2 4	1 30	25 0	7 39	14 6	14 20	6 3	6 53	1 18
T 3	15 32	7 32	2 0	9 41	1 25	9 30	1 21	21 29	0 35	11 11	0 53	4 27	1 59	23 19	0 24	2 5	1 30	24 59	7 39	14 7	14 21	6 1	6 51	1 18
W 4	15 49	3 42	2 55	9 21	1 40	9 58	1 20	21 37	0 36	11 8	0 53	4 25	1 59	23 19	0 24	2 6	1 30	24 59	7 39	14 8	14 22	5 59	6 49	1 17
T 5	16 7	0n18	3 42	9 4	1 53	10 25	1 19	21 45	0 36	11 5	0 54	4 23	1 59	23 19	0 24	2 7	1 30	24 59	7 39	14 10	14 23	5 57	6 47	1 17
F 6	16 24	4 20	4 19	8 49	2 6	10 51	1 18	21 53	0 37	11 2	0 54	4 21	2 0	23 19	0 24	2 7	1 30	24 59	7 39	14 14	14 24	5 55	6 45	1 16
S 7	16 41	8 15	4 46	8 36	2 18	11 18	1 16	22 0	0 37	10 59	0 54	4 19	2 0	23 19	0 24	2 8	1 30	24 58	7 39	14 17	14 25	5 53	6 43	1 16
S 8	16 57	11 53	4 59	8 26	2 29	11 44	1 15	22 8	0 38	10 56	0 54	4 17	2 0	23 18	0 24	2 9	1 30	24 58	7 39	14 22	14 26	5 51	6 42	1 15
M 9	17 14	15 3	4 58	8 19	2 39	12 10	1 13	22 15	0 38	10 53	0 55	4 15	2 0	23 18	0 24	2 9	1 30	24 58	7 39	14 26	14 27	5 49	6 40	1 15
T 10	17 30	17 33	4 42	8 14	2 49	12 36	1 12	22 22	0 39	10 50	0 55	4 13	2 0	23 18	0 24	2 10	1 30	24 58	7 38	14 30	14 28	5 47	6 38	1 14
W11	17 45	19 11	4 11	8 11	2 57	13 1	1 10	22 29	0 39	10 47	0 55	4 11	2 1	23 18	0 24	2 11	1 30	24 57	7 38	14 33	14 29	5 45	6 37	1 14
T 12	18 1	19 49	3 26	8 11	3 4	13 26	1 9	22 36	0 40	10 45	0 55	4 9	2 1	23 17	0 24	2 11	1 30	24 57	7 38	14 36	14 30	5 44	6 35	1 13
F 13	18 16	19 21	2 29	8 14	3 10	13 51	1 7	22 42	0 40	10 42	0 55	4 7	2 1	23 17	0 24	2 12	1 30	24 57	7 38	14 37	14 31	5 42	6 33	1 13
S 14	18 31	17 46	1 23	8 19	3 16	14 16	1 5	22 48	0 41	10 39	0 56	4 6	2 1	23 17	0 24	2 13	1 30	24 57	7 38	14 38	14 32	5 40	6 32	1 13
S 15	18 45	15 7	0 11	8 26	3 20	14 40	1 4	22 55	0 41	10 37	0 56	4 4	2 1	23 17	0 24	2 13	1 31	24 56	7 38	14 38	14 33	5 38	6 30	1 12
M16	18 59	11 33	1n 3	8 35	3 23	15 4	1 2	23 0	0 41	10 34	0 56	4 2	2 2	23 16	0 24	2 14	1 31	24 56	7 38	14 38	14 34	5 36	6 29	1 12
T 17	19 13	7 16	2 14	8 46	3 26	15 27	1 0	23 6	0 42	10 32	0 56	4 0	2 2	23 16	0 24	2 15	1 31	24 56	7 37	14 38	14 35	5 34	6 27	1 11
W18	19 27	2 32	3 17	8 59	3 28	15 50	0 58	23 11	0 42	10 30	0 57	3 59	2 2	23 16	0 24	2 15	1 31	24 55	7 37	14 39	14 36	5 32	6 26	1 11
T 19	19 40	2s23	4 8	9 14	3 29	16 13	0 56	23 17	0 43	10 27	0 57	3 57	2 2	23 16	0 24	2 16	1 31	24 55	7 37	14 41	14 37	5 30	6 24	1 10
F 20	19 53	7 10	4 43	9 31	3 29	16 35	0 54	23 22	0 43	10 25	0 57	3 55	2 3	23 15	0 24	2 17	1 31	24 55	7 37	14 44	14 38	5 28	6 23	1 10
S 21	20 5	11 31	5 0	9 50	3 28	16 57	0 52	23 27	0 44	10 23	0 57	3 54	2 3	23 15	0 24	2 17	1 31	24 54	7 37	14 47	14 39	5 26	6 22	1 9
S 22	20 18	15 10	4 57	10 10	3 27	17 18	0 50	23 31	0 44	10 21	0 58	3 52	2 3	23 15	0 24	2 18	1 31	24 54	7 37	14 50	14 40	5 24	6 20	1 9
M23	20 30	17 51	4 37	10 32	3 25	17 39	0 48	23 36	0 44	10 18	0 58	3 51	2 3	23 14	0 24	2 18	1 31	24 54	7 37	14 54	14 41	5 22	6 19	1 8
T 24	20 41	19 26	4 0	10 55	3 22	17 59	0 46	23 40	0 45	10 16	0 58	3 49	2 3	23 14	0 24	2 19	1 31	24 53	7 37	14 57	14 42	5 20	6 18	1 8
W25	20 52	19 54	3 12	11 20	3 19	18 19	0 44	23 44	0 45	10 14	0 59	3 48	2 4	23 14	0 24	2 19	1 31	24 53	7 36	14 59	14 43	5 18	6 17	1 7
T 26	21 3	19 16	2 14	11 46	3 15	18 39	0 42	23 48	0 46	10 12	0 59	3 46	2 4	23 13	0 24	2 20	1 31	24 53	7 36	15 1	14 44	5 16	6 15	1 7
F 27	21 13	17 42	1 12	12 13	3 10	18 58	0 40	23 51	0 46	10 11	0 59	3 45	2 4	23 13	0 24	2 20	1 31	24 52	7 36	15 2	14 45	5 14	6 14	1 6
S 28	21 23	15 21	0 7	12 41	3 5	19 17	0 38	23 55	0 47	10 9	0 59	3 44	2 4	23 13	0 24	2 21	1 31	24 52	7 36	15 2	14 46	5 12	6 13	1 6
S 29	21 33	12 22	0s56	13 10	2 59	19 35	0 36	23 58	0 47	10 7	1 0	3 42	2 5	23 13	0 24	2 22	1 31	24 51	7 36	15 2	14 47	5 10	6 12	1 5
M30	21 43	8 55	1 57	13 40	2 52	19 52	0 33	24 1	0 47	10 5	1 0	3 41	2 5	23 12	0 24	2 22	1 31	24 51	7 36	15 2	14 48	5 8	6 11	1 5
T 31	21n51	5s 8	2s52	14n11	2s45	20n 9	0s31	24n 4	0n48	10s 4	1s 0	3s40	2s 5	23n12	0n24	2n23	1s31	24n51	7n36	15n 2	14n49	5s 6	6s10	1s 4

Julian Day Number = 2342457.5, Delta T = 13.84 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'16, Lahiri = 19°41'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

JUNE 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 36 50	10♊ 7'01	5♈33	18♉ 2	3♊34	23♊12	6♓37	25♓40	13♋26	9♈32	10♌49	19°R19	20♌ 1	23♓52	13°R 6	W 1
T 2	16 40 47	11° 4'26	17°31	19°31	4°47	23°52	6°41	25°43	13°30	9°33	10°50	19♌14	19°58	23°59	13♎ 5	T 2
F 3	16 44 43	12° 1'50	29°40	21° 4	6° 1	24°32	6°46	25°47	13°33	9°34	10°51	19° 6	19°54	24° 6	13° 4	F 3
S 4	16 48 40	12°59'13	12♉ 2	22°39	7°14	25°12	6°50	25°50	13°36	9°36	10°52	18°57	19°51	24°12	13° 3	S 4
S 5	16 52 36	13°56'36	24°41	24°17	8°28	25°52	6°55	25°53	13°39	9°37	10°53	18°46	19°48	24°19	13° 2	S 5
M 6	16 56 33	14°53'58	7♊35	25°58	9°42	26°32	6°59	25°56	13°43	9°38	10°54	18°35	19°45	24°26	13° 1	M 6
T 7	17 0 30	15°51'20	20°45	27°41	10°55	27°12	7° 3	26° 0	13°46	9°39	10°55	18°24	19°42	24°32	13° 1	T 7
W 8	17 4 26	16°48'40	4♋ 9	29°27	12° 9	27°52	7° 6	26° 3	13°49	9°40	10°56	18°16	19°38	24°39	13° 1	W 8
T 9	17 8 23	17°46'00	17°46	1♊15	13°23	28°32	7°10	26° 5	13°53	9°42	10°58	18°10	19°35	24°46	13° 0	T 9
F 10	17 12 19	18°43'19	1♌32	3° 6	14°36	29°11	7°13	26° 8	13°56	9°43	10°59	18° 7	19°32	24°52	13° 0	F 10
S 11	17 16 16	19°40'37	15°26	4°59	15°50	29°51	7°16	26°11	13°59	9°44	11° 0	18°D 6	19°29	24°59	13°D 0	S 11
S 12	17 20 12	20°37'55	29°26	6°55	17° 4	0♋31	7°19	26°14	14° 3	9°45	11° 1	18° 6	19°26	25° 6	13° 0	S 12
M13	17 24 9	21°35'11	13♍31	8°53	18°17	1°11	7°22	26°16	14° 6	9°46	11° 2	18° 7	19°23	25°12	13° 0	M13
T 14	17 28 5	22°32'26	27°40	10°54	19°31	1°50	7°25	26°19	14°10	9°47	11° 4	18°R 7	19°19	25°19	13° 1	T 14
W15	17 32 2	23°29'41	11♎52	12°56	20°45	2°30	7°27	26°21	14°13	9°48	11° 5	18° 5	19°16	25°26	13° 1	W15
T 16	17 35 59	24°26'55	26° 4	15° 0	21°58	3°10	7°29	26°23	14°17	9°49	11° 6	18° 2	19°13	25°32	13° 2	T 16
F 17	17 39 55	25°24'08	10♏15	17° 6	23°12	3°49	7°31	26°26	14°20	9°49	11° 8	17°56	19°10	25°39	13° 2	F 17
S 18	17 43 52	26°21'21	24°19	19°14	24°26	4°29	7°33	26°28	14°24	9°50	11° 9	17°49	19° 7	25°46	13° 3	S 18
S 19	17 47 48	27°18'33	8♐14	21°23	25°39	5° 8	7°35	26°30	14°27	9°51	11°10	17°41	19° 4	25°52	13° 4	S 19
M20	17 51 45	28°15'44	21°55	23°33	26°53	5°48	7°36	26°31	14°31	9°52	11°12	17°33	19° 0	25°59	13° 5	M20
T 21	17 55 41	29°12'56	5♑19	25°43	28° 7	6°27	7°37	26°33	14°34	9°53	11°13	17°26	18°57	26° 6	13° 6	T 21
W22	17 59 38	0♋10'07	18°25	27°54	29°20	7° 7	7°38	26°35	14°38	9°53	11°15	17°21	18°54	26°13	13° 7	W22
T 23	18 3 34	1° 7'17	1♒11	0♋ 5	0♋34	7°46	7°39	26°37	14°41	9°54	11°16	17°17	18°51	26°19	13° 9	T 23
F 24	18 7 31	2° 4'28	13°39	2°16	1°48	8°25	7°40	26°38	14°45	9°55	11°18	17°D16	18°48	26°26	13°10	F 24
S 25	18 11 28	3° 1'39	25°52	4°27	3° 1	9° 5	7°41	26°39	14°49	9°55	11°19	17°16	18°44	26°33	13°12	S 25
S 26	18 15 24	3°58'50	7♓53	6°37	4°15	9°44	7°41	26°41	14°52	9°56	11°21	17°18	18°41	26°39	13°13	S 26
M27	18 19 21	4°56'00	19°46	8°47	5°29	10°23	7°R41	26°42	14°56	9°56	11°22	17°19	18°38	26°46	13°15	M27
T 28	18 23 17	5°53'11	1♈37	10°55	6°43	11° 3	7°41	26°43	14°59	9°57	11°24	17°R20	18°35	26°53	13°17	T 28
W29	18 27 14	6°50'22	13°29	13° 2	7°56	11°42	7°41	26°44	15° 3	9°57	11°25	17°20	18°32	26°59	13°19	W29
T 30	18 31 10	7♋47'34	25♈29	15♋ 7	9♋10	12♋21	7♓40	26♓45	15♋ 7	9♈58	11♌27	17♌18	18♌29	27♓ 6	13♎21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n 0	1s 9	3s40	14n42	2s37	20n26	0s29	24n 6	0n48	10s 2	1s 0	3s39	2s 5	23n12	0n24	2n23	1s31	24n50	7n36	15n 3	14n50	5s 4	6s10	1s 4	W 1
T 2	22 8	2n54	4 18	15 15	2 29	20 42	0 26	24 8	0 49	10 1	1 1	3 37	2 6	23 11	0 24	2 23	1 31	24 50	7 35	15 5	14 51	5 2	6 9	1 3	T 2
F 3	22 16	6 54	4 46	15 47	2 21	20 57	0 24	24 11	0 49	9 59	1 1	3 36	2 6	23 11	0 24	2 24	1 31	24 50	7 35	15 7	14 52	5 0	6 8	1 3	F 3
S 4	22 23	10 42	5 1	16 20	2 12	21 12	0 22	24 13	0 49	9 58	1 1	3 35	2 6	23 11	0 24	2 24	1 31	24 49	7 35	15 10	14 53	4 58	6 7	1 3	S 4
S 5	22 31	14 5	5 1	16 54	2 2	21 26	0 20	24 14	0 50	9 56	1 2	3 34	2 6	23 10	0 24	2 25	1 32	24 49	7 35	15 13	14 54	4 56	6 6	1 2	S 5
M 6	22 37	16 53	4 47	17 27	1 53	21 39	0 17	24 16	0 50	9 55	1 2	3 33	2 7	23 10	0 24	2 25	1 32	24 48	7 35	15 17	14 55	4 54	6 6	1 2	M 6
T 7	22 43	18 53	4 17	18 0	1 43	21 52	0 15	24 17	0 50	9 54	1 2	3 32	2 7	23 10	0 24	2 26	1 32	24 48	7 35	15 20	14 56	4 53	6 5	1 1	T 7
W 8	22 49	19 53	3 32	18 34	1 32	22 5	0 12	24 18	0 51	9 53	1 2	3 31	2 7	23 9	0 24	2 26	1 32	24 47	7 35	15 23	14 57	4 51	6 5	1 1	W 8
T 9	22 55	19 44	2 35	19 7	1 21	22 16	0 10	24 19	0 51	9 52	1 3	3 30	2 7	23 9	0 24	2 26	1 32	24 47	7 35	15 24	14 58	4 49	6 4	1 0	T 9
F 10	23 0	18 26	1 27	19 39	1 10	22 28	0 8	24 20	0 51	9 51	1 3	3 29	2 8	23 9	0 24	2 27	1 32	24 47	7 35	15 25	14 59	4 47	6 4	1 0	F 10
S 11	23 4	16 0	0 14	20 11	0 59	22 38	0 5	24 20	0 52	9 50	1 3	3 28	2 8	23 8	0 24	2 27	1 32	24 46	7 35	15 26	15 0	4 45	6 3	0 59	S 11
S 12	23 9	12 38	1n 0	20 42	0 48	22 48	0 3	24 21	0 52	9 49	1 4	3 28	2 8	23 8	0 24	2 28	1 32	24 46	7 34	15 26	15 1	4 43	6 3	0 59	S 12
M13	23 13	8 31	2 12	21 12	0 37	22 57	0 1	24 21	0 53	9 48	1 4	3 27	2 8	23 7	0 24	2 28	1 32	24 45	7 34	15 26	15 2	4 41	6 2	0 58	M13
T 14	23 16	3 55	3 16	21 41	0 26	23 6	0n 2	24 21	0 53	9 48	1 4	3 26	2 9	23 7	0 24	2 28	1 32	24 45	7 34	15 25	15 3	4 39	6 2	0 58	T 14
W15	23 19	0s54	4 8	22 9	0 14	23 13	0 4	24 20	0 53	9 47	1 4	3 25	2 9	23 7	0 24	2 29	1 32	24 44	7 34	15 26	15 4	4 37	6 2	0 57	W15
T 16	23 22	5 40	4 44	22 35	0 3	23 21	0 7	24 20	0 54	9 47	1 5	3 25	2 9	23 6	0 24	2 29	1 32	24 44	7 34	15 27	15 5	4 35	6 2	0 57	T 16
F 17	23 24	10 6	5 4	22 59	0n 8	23 27	0 9	24 19	0 54	9 46	1 5	3 24	2 9	23 6	0 24	2 29	1 32	24 43	7 34	15 29	15 6	4 33	6 1	0 56	F 17
S 18	23 26	13 57	5 5	23 21	0 18	23 33	0 11	24 18	0 54	9 46	1 5	3 24	2 10	23 6	0 24	2 29	1 32	24 43	7 34	15 31	15 7	4 31	6 1	0 56	S 18
S 19	23 27	16 59	4 47	23 40	0 29	23 38	0 14	24 17	0 55	9 45	1 6	3 23	2 10	23 5	0 24	2 30	1 32	24 42	7 34	15 33	15 8	4 29	6 1	0 55	S 19
M20	23 28	19 1	4 14	23 58	0 39	23 42	0 16	24 16	0 55	9 45	1 6	3 22	2 10	23 5	0 24	2 30	1 32	24 42	7 34	15 36	15 9	4 27	6 1	0 55	M20
T 21	23 28	19 56	3 27	24 13	0 48	23 46	0 18	24 14	0 55	9 45	1 6	3 22	2 10	23 4	0 24	2 30	1 32	24 42	7 34	15 38	15 10	4 25	6 1	0 55	T 21
W22	23 29	19 44	2 29	24 25	0 57	23 49	0 21	24 13	0 56	9 45	1 7	3 22	2 11	23 4	0 24	2 30	1 32	24 41	7 34	15 40	15 11	4 23	6 1	0 54	W22
T 23	23 28	18 32	1 26	24 34	1 6	23 51	0 23	24 11	0 56	9 45	1 7	3 21	2 11	23 4	0 24	2 31	1 32	24 41	7 34	15 41	15 12	4 21	6 1	0 54	T 23
F 24	23 28	16 26	0 20	24 41	1 13	23 53	0 25	24 8	0 56	9 45	1 7	3 21	2 11	23 3	0 24	2 31	1 33	24 40	7 34	15 41	15 13	4 18	6 1	0 53	F 24
S 25	23 26	13 39	0s47	24 45	1 20	23 54	0 28	24 6	0 56	9 45	1 7	3 21	2 12	23 3	0 24	2 31	1 33	24 40	7 34	15 41	15 14	4 16	6 2	0 53	S 25
S 26	23 25	10 19	1 50	24 45	1 27	23 54	0 30	24 4	0 57	9 45	1 8	3 20	2 12	23 3	0 24	2 31	1 33	24 39	7 33	15 41	15 15	4 14	6 2	0 52	S 26
M27	23 23	6 37	2 47	24 44	1 33	23 54	0 32	24 1	0 57	9 45	1 8	3 20	2 12	23 2	0 24	2 31	1 33	24 39	7 33	15 40	15 16	4 12	6 2	0 52	M27
T 28	23 21	2 41	3 37	24 39	1 38	23 52	0 34	23 58	0 57	9 45	1 8	3 20	2 12	23 2	0 24	2 31	1 33	24 38	7 33	15 40	15 17	4 10	6 2	0 51	T 28
W29	23 18	1n22	4 19	24 32	1 42	23 51	0 36	23 55	0 58	9 46	1 9	3 20	2 13	23 1	0 24	2 32	1 33	24 38	7 33	15 40	15 18	4 8	6 3	0 51	W29
T 30	23n15	5n23	4s49	24n22	1n45	23n48	0n38	23n52	0n58	9s46	1s 9	3s20	2s13	23n 1	0n24	2n32	1s33	24n37	7n33	15n40	15n19	4s 6	6s 3	0s51	T 30

Julian Day Number = 2342488.5, Delta T = 13.81 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'20, Lahiri = 19°41'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

JULY 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 7	8♋44'45	7♉41	17♋11	10♋24	13♋ 0	7°R40	26♓46	15♋10	9♈58	11♌28	17°R15	18♌25	27♓13	13♎23	F 1
S 2	18 39 3	9°41'57	20° 9	19°14	11°38	13°40	7♓39	26°46	15°14	9°59	11°30	17♌10	18°22	27°19	13°26	S 2
S 3	18 43 0	10°39'09	2♊55	21°14	12°51	14°19	7°38	26°47	15°17	9°59	11°32	17° 5	18°19	27°26	13°28	S 3
M 4	18 46 57	11°36'22	16° 1	23°13	14° 5	14°58	7°36	26°48	15°21	9°59	11°33	16°59	18°16	27°33	13°31	M 4
T 5	18 50 53	12°33'35	29°27	25°10	15°19	15°37	7°35	26°48	15°25	10° 0	11°35	16°54	18°13	27°39	13°33	T 5
W 6	18 54 50	13°30'48	13♋11	27° 6	16°33	16°16	7°33	26°48	15°28	10° 0	11°36	16°49	18°10	27°46	13°36	W 6
T 7	18 58 46	14°28'01	27°11	28°59	17°47	16°55	7°31	26°49	15°32	10° 0	11°38	16°46	18° 6	27°53	13°39	T 7
F 8	19 2 43	15°25'15	11♌23	0♌51	19° 0	17°34	7°29	26°R49	15°36	10° 0	11°40	16°D45	18° 3	27°59	13°42	F 8
S 9	19 6 39	16°22'28	25°42	2°40	20°14	18°13	7°27	26°49	15°39	10° 1	11°41	16°45	18° 0	28° 6	13°45	S 9
S 10	19 10 36	17°19'42	10♍ 3	4°28	21°28	18°52	7°25	26°48	15°43	10° 1	11°43	16°46	17°57	28°13	13°48	S 10
M11	19 14 32	18°16'55	24°24	6°14	22°42	19°31	7°22	26°48	15°47	10° 1	11°45	16°48	17°54	28°19	13°51	M11
T 12	19 18 29	19°14'09	8♎41	7°57	23°56	20°10	7°19	26°48	15°50	10° 1	11°46	16°49	17°50	28°26	13°55	T 12
W13	19 22 26	20°11'22	22°51	9°39	25°10	20°49	7°17	26°48	15°54	10° 1	11°48	16°R49	17°47	28°33	13°58	W13
T 14	19 26 22	21° 8'36	6♏54	11°19	26°24	21°28	7°13	26°47	15°58	10°R 1	11°50	16°48	17°44	28°39	14° 2	T 14
F 15	19 30 19	22° 5'50	20°47	12°57	27°37	22° 7	7°10	26°46	16° 1	10° 1	11°52	16°46	17°41	28°46	14° 5	F 15
S 16	19 34 15	23° 3'05	4♐28	14°34	28°51	22°46	7° 7	26°46	16° 5	10° 1	11°53	16°44	17°38	28°53	14° 9	S 16
S 17	19 38 12	24° 0'19	17°57	16° 8	0♌ 5	23°24	7° 3	26°45	16° 9	10° 1	11°55	16°40	17°35	28°59	14°13	S 17
M18	19 42 8	24°57'34	1♑12	17°40	1°19	24° 3	6°59	26°44	16°12	10° 1	11°57	16°37	17°31	29° 6	14°17	M18
T 19	19 46 5	25°54'50	14°13	19°11	2°33	24°42	6°55	26°43	16°16	10° 0	11°59	16°34	17°28	29°13	14°21	T 19
W20	19 50 1	26°52'06	27° 0	20°39	3°47	25°21	6°51	26°42	16°19	10° 0	12° 0	16°33	17°25	29°19	14°25	W20
T 21	19 53 58	27°49'22	9♒32	22° 6	5° 1	25°59	6°46	26°41	16°23	10° 0	12° 2	16°32	17°22	29°26	14°29	T 21
F 22	19 57 55	28°46'40	21°50	23°31	6°15	26°38	6°42	26°39	16°27	10° 0	12° 4	16°D31	17°19	29°33	14°34	F 22
S 23	20 1 51	29°43'58	3♓57	24°53	7°28	27°17	6°37	26°38	16°30	10° 0	12° 6	16°32	17°16	29°40	14°38	S 23
S 24	20 5 48	0♌41'17	15°55	26°14	8°42	27°56	6°32	26°37	16°34	9°59	12° 8	16°33	17°12	29°46	14°43	S 24
M25	20 9 44	1°38'37	27°47	27°32	9°56	28°34	6°27	26°35	16°37	9°59	12° 9	16°35	17° 9	29°53	14°47	M25
T 26	20 13 41	2°35'58	9♈38	28°48	11°10	29°13	6°22	26°33	16°41	9°58	12°11	16°36	17° 6	29°59	14°52	T 26
W27	20 17 37	3°33'20	21°30	0♍ 3	12°24	29°51	6°17	26°32	16°44	9°58	12°13	16°37	17° 3	0♈ 6	14°57	W27
T 28	20 21 34	4°30'43	3♉30	1°15	13°38	0♌30	6°11	26°30	16°48	9°58	12°15	16°R37	17° 0	0°13	15° 2	T 28
F 29	20 25 30	5°28'07	15°41	2°24	14°52	1° 9	6° 5	26°28	16°51	9°57	12°17	16°37	16°56	0°20	15° 7	F 29
S 30	20 29 27	6°25'32	28° 8	3°31	16° 6	1°47	6° 0	26°26	16°55	9°57	12°18	16°36	16°53	0°26	15°12	S 30
S 31	20 33 24	7♌22'59	10♊55	4♍36	17♌20	2♌26	5♓54	26♓23	16♋58	9♈56	12♌20	16♌35	16♌50	0♈33	15♎17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n11	9n15	5s 7	24n 9	1n48	23n45	0n41	23n48	0n58	9s47	1s 9	3s20	2s13	23n 1	0n24	2n32	1s33	24n37	7n33	15n41	15n20	4s 4	6s 4	0s50	F 1
S 2	23 7	12 49	5 10	23 55	1 50	23 40	0 43	23 45	0 59	9 47	1 10	3 19	2 13	23 0	0 24	2 32	1 33	24 36	7 33	15 43	15 21	4 2	6 4	0 50	S 2
S 3	23 3	15 53	4 59	23 38	1 51	23 36	0 45	23 41	0 59	9 48	1 10	3 19	2 14	23 0	0 24	2 32	1 33	24 36	7 33	15 44	15 22	4 0	6 5	0 49	S 3
M 4	22 58	18 14	4 32	23 19	1 52	23 30	0 47	23 37	0 59	9 49	1 10	3 20	2 14	22 59	0 24	2 32	1 33	24 35	7 33	15 46	15 23	3 58	6 5	0 49	M 4
T 5	22 53	19 39	3 50	22 58	1 52	23 24	0 49	23 33	0 59	9 50	1 10	3 20	2 14	22 59	0 24	2 32	1 33	24 35	7 33	15 48	15 24	3 56	6 6	0 48	T 5
W 6	22 47	19 57	2 53	22 35	1 51	23 17	0 51	23 28	1 0	9 50	1 11	3 20	2 15	22 58	0 24	2 32	1 33	24 34	7 33	15 49	15 25	3 54	6 7	0 48	W 6
T 7	22 41	19 2	1 45	22 11	1 50	23 10	0 53	23 24	1 0	9 51	1 11	3 20	2 15	22 58	0 24	2 32	1 33	24 34	7 33	15 50	15 26	3 52	6 7	0 47	T 7
F 8	22 35	16 55	0 29	21 45	1 48	23 1	0 54	23 19	1 0	9 52	1 11	3 20	2 15	22 58	0 24	2 32	1 33	24 33	7 33	15 50	15 27	3 50	6 8	0 47	F 8
S 9	22 28	13 44	0n49	21 18	1 45	22 53	0 56	23 14	1 0	9 54	1 12	3 20	2 15	22 57	0 24	2 32	1 33	24 33	7 33	15 50	15 28	3 48	6 9	0 47	S 9
S 10	22 21	9 44	2 4	20 49	1 42	22 43	0 58	23 9	1 1	9 55	1 12	3 21	2 16	22 57	0 24	2 32	1 33	24 32	7 33	15 50	15 29	3 46	6 10	0 46	S 10
M11	22 14	5 10	3 12	20 20	1 38	22 33	1 0	23 4	1 1	9 56	1 12	3 21	2 16	22 56	0 24	2 32	1 34	24 32	7 33	15 50	15 30	3 44	6 11	0 46	M11
T 12	22 6	0 20	4 7	19 49	1 34	22 22	1 2	22 58	1 1	9 57	1 12	3 21	2 16	22 56	0 24	2 32	1 34	24 31	7 33	15 49	15 31	3 42	6 11	0 45	T 12
W13	21 57	4s27	4 47	19 17	1 29	22 10	1 3	22 52	1 1	9 59	1 13	3 22	2 16	22 56	0 24	2 32	1 34	24 31	7 33	15 49	15 31	3 40	6 12	0 45	W13
T 14	21 49	8 58	5 9	18 45	1 24	21 58	1 5	22 47	1 2	10 0	1 13	3 22	2 17	22 55	0 24	2 32	1 34	24 30	7 33	15 49	15 32	3 38	6 13	0 44	T 14
F 15	21 40	12 56	5 13	18 12	1 18	21 45	1 6	22 41	1 2	10 2	1 13	3 23	2 17	22 55	0 24	2 32	1 34	24 30	7 33	15 50	15 33	3 36	6 14	0 44	F 15
S 16	21 30	16 10	4 59	17 38	1 12	21 32	1 8	22 34	1 2	10 3	1 14	3 23	2 17	22 54	0 24	2 32	1 34	24 29	7 33	15 51	15 34	3 34	6 16	0 44	S 16
S 17	21 20	18 28	4 29	17 3	1 5	21 18	1 9	22 28	1 2	10 5	1 14	3 24	2 18	22 54	0 24	2 32	1 34	24 29	7 33	15 52	15 35	3 32	6 17	0 43	S 17
M18	21 10	19 44	3 44	16 29	0 58	21 3	1 11	22 22	1 3	10 6	1 14	3 24	2 18	22 53	0 24	2 32	1 34	24 28	7 33	15 53	15 36	3 30	6 18	0 43	M18
T 19	21 0	19 55	2 49	15 53	0 50	20 48	1 12	22 15	1 3	10 8	1 14	3 25	2 18	22 53	0 24	2 32	1 34	24 28	7 33	15 54	15 37	3 28	6 19	0 42	T 19
W20	20 49	19 4	1 46	15 18	0 42	20 32	1 13	22 8	1 3	10 10	1 15	3 26	2 18	22 53	0 24	2 32	1 34	24 27	7 33	15 54	15 38	3 26	6 20	0 42	W20
T 21	20 38	17 17	0 39	14 42	0 34	20 15	1 15	22 1	1 3	10 12	1 15	3 26	2 19	22 52	0 24	2 31	1 34	24 27	7 33	15 54	15 39	3 23	6 22	0 42	T 21
F 22	20 26	14 43	0s29	14 6	0 26	19 58	1 16	21 54	1 4	10 14	1 15	3 27	2 19	22 52	0 24	2 31	1 34	24 26	7 33	15 54	15 40	3 21	6 23	0 41	F 22
S 23	20 14	11 33	1 35	13 30	0 17	19 40	1 17	21 47	1 4	10 16	1 15	3 28	2 19	22 51	0 24	2 31	1 34	24 26	7 33	15 54	15 41	3 19	6 24	0 41	S 23
S 24	20 2	7 57	2 36	12 55	0 7	19 22	1 18	21 39	1 4	10 18	1 16	3 29	2 19	22 51	0 24	2 31	1 34	24 25	7 33	15 54	15 42	3 17	6 26	0 40	S 24
M25	19 49	4 4	3 29	12 19	0s 2	19 3	1 19	21 32	1 4	10 20	1 16	3 30	2 20	22 50	0 24	2 31	1 34	24 25	7 33	15 54	15 43	3 15	6 27	0 40	M25
T 26	19 37	0 4	4 13	11 43	0 12	18 44	1 20	21 24	1 4	10 22	1 16	3 31	2 20	22 50	0 24	2 31	1 34	24 24	7 33	15 53	15 44	3 13	6 28	0 40	T 26
W27	19 23	3n57	4 47	11 8	0 22	18 24	1 21	21 16	1 5	10 24	1 16	3 32	2 20	22 50	0 24	2 30	1 34	24 24	7 33	15 53	15 45	3 11	6 30	0 39	W27
T 28	19 10	7 52	5 9	10 33	0 32	18 4	1 22	21 8	1 5	10 27	1 17	3 33	2 20	22 49	0 24	2 30	1 34	24 23	7 33	15 53	15 46	3 9	6 32	0 39	T 28
F 29	18 56	11 30	5 17	9 58	0 43	17 43	1 23	21 0	1 5	10 29	1 17	3 34	2 21	22 49	0 24	2 30	1 35	24 23	7 33	15 53	15 47	3 7	6 33	0 38	F 29
S 30	18 42	14 44	5 10	9 24	0 53	17 22	1 23	20 51	1 5	10 31	1 17	3 35	2 21	22 48	0 24	2 30	1 35	24 22	7 33	15 53	15 48	3 5	6 35	0 38	S 30
S 31	18n27	17n21	4s49	8n51	1s 4	17n 0	1n24	20n43	1n 5	10s34	1s17	3s36	2s21	22n48	0n24	2n29	1s35	24n22	7n33	15n53	15n49	3s 3	6s36	0s38	S 31

Julian Day Number = 2342518.5, Delta T = 13.78 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'24, Lahiri = 19°41'25Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

AUGUST 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 20	8♌20'27	24♊ 5	5♍38	18♌34	3♌ 4	5°R48	26°R21	17♋ 2	9°R56	12♌22	16°R34	16♌47	0♈40	15♎22	M 1
T 2	20 41 17	9°17'56	7♋39	6°37	19°48	3°43	5♓41	26♓19	17° 5	9♈55	12°24	16♌33	16°44	0°46	15°28	T 2
W 3	20 45 13	10°15'27	21°35	7°34	21° 2	4°21	5°35	26°17	17° 9	9°54	12°26	16°33	16°41	0°53	15°33	W 3
T 4	20 49 10	11°12'58	5♌53	8°28	22°16	5° 0	5°29	26°14	17°12	9°54	12°28	16°32	16°37	1° 0	15°39	T 4
F 5	20 53 6	12°10'31	20°27	9°18	23°30	5°38	5°22	26°11	17°16	9°53	12°29	16°D32	16°34	1° 6	15°44	F 5
S 6	20 57 3	13° 8'05	5♍11	10° 5	24°44	6°17	5°15	26° 9	17°19	9°52	12°31	16°32	16°31	1°13	15°50	S 6
S 7	21 0 59	14° 5'39	19°59	10°49	25°58	6°55	5° 9	26° 6	17°22	9°52	12°33	16°33	16°28	1°20	15°56	S 7
M 8	21 4 56	15° 3'15	4♎42	11°30	27°12	7°34	5° 2	26° 3	17°26	9°51	12°35	16°33	16°25	1°26	16° 1	M 8
T 9	21 8 53	16° 0'51	19°16	12° 6	28°26	8°12	4°55	26° 0	17°29	9°50	12°37	16°33	16°22	1°33	16° 7	T 9
W10	21 12 49	16°58'29	3♏36	12°38	29°40	8°51	4°48	25°57	17°32	9°49	12°38	16°R33	16°18	1°40	16°13	W10
T 11	21 16 46	17°56'07	17°38	13° 7	0♍54	9°29	4°40	25°54	17°36	9°48	12°40	16°D33	16°15	1°46	16°19	T 11
F 12	21 20 42	18°53'47	1♐23	13°30	2° 8	10° 7	4°33	25°51	17°39	9°47	12°42	16°33	16°12	1°53	16°26	F 12
S 13	21 24 39	19°51'27	14°50	13°49	3°22	10°46	4°26	25°48	17°42	9°46	12°44	16°33	16° 9	2° 0	16°32	S 13
S 14	21 28 35	20°49'09	28° 0	14° 3	4°36	11°24	4°18	25°44	17°45	9°46	12°46	16°33	16° 6	2° 7	16°38	S 14
M15	21 32 32	21°46'52	10♑53	14°12	5°50	12° 2	4°11	25°41	17°48	9°45	12°48	16°34	16° 2	2°13	16°44	M15
T 16	21 36 28	22°44'36	23°33	14°R16	7° 4	12°41	4° 3	25°38	17°52	9°44	12°49	16°34	15°59	2°20	16°51	T 16
W17	21 40 25	23°42'21	6♒ 1	14°14	8°18	13°19	3°56	25°34	17°55	9°43	12°51	16°35	15°56	2°27	16°57	W17
T 18	21 44 22	24°40'07	18°17	14° 7	9°32	13°57	3°48	25°31	17°58	9°41	12°53	16°R35	15°53	2°33	17° 4	T 18
F 19	21 48 18	25°37'55	0♓24	13°53	10°46	14°36	3°40	25°27	18° 1	9°40	12°55	16°35	15°50	2°40	17°10	F 19
S 20	21 52 15	26°35'44	12°24	13°34	12° 0	15°14	3°32	25°23	18° 4	9°39	12°57	16°34	15°47	2°47	17°17	S 20
S 21	21 56 11	27°33'35	24°18	13° 9	13°14	15°52	3°24	25°19	18° 7	9°38	12°58	16°33	15°43	2°53	17°24	S 21
M22	22 0 8	28°31'28	6♈ 8	12°38	14°28	16°30	3°17	25°16	18°10	9°37	13° 0	16°31	15°40	3° 0	17°31	M22
T 23	22 4 4	29°29'22	17°58	12° 1	15°42	17° 8	3° 9	25°12	18°13	9°36	13° 2	16°29	15°37	3° 7	17°38	T 23
W24	22 8 1	0♍27'18	29°51	11°20	16°56	17°47	3° 1	25° 8	18°16	9°35	13° 4	16°27	15°34	3°13	17°44	W24
T 25	22 11 57	1°25'16	11♉50	10°33	18°10	18°25	2°53	25° 4	18°19	9°34	13° 5	16°26	15°31	3°20	17°51	T 25
F 26	22 15 54	2°23'15	24° 0	9°43	19°24	19° 3	2°45	25° 0	18°22	9°32	13° 7	16°25	15°27	3°27	17°59	F 26
S 27	22 19 51	3°21'17	6♊24	8°49	20°38	19°41	2°37	24°56	18°25	9°31	13° 9	16°D25	15°24	3°33	18° 6	S 27
S 28	22 23 47	4°19'21	19° 7	7°53	21°52	20°19	2°29	24°51	18°27	9°30	13°11	16°25	15°21	3°40	18°13	S 28
M29	22 27 44	5°17'26	2♋12	6°56	23° 6	20°58	2°21	24°47	18°30	9°28	13°12	16°26	15°18	3°47	18°20	M29
T 30	22 31 40	6°15'34	15°43	5°59	24°20	21°36	2°13	24°43	18°33	9°27	13°14	16°28	15°15	3°54	18°27	T 30
W31	22 35 37	7♍13'43	29♋41	5♍ 3	25♍34	22♌14	2♓ 5	24♓39	18♋36	9♈26	13♌16	16♌29	15♌12	4♈ 0	18♎35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n12	19n 9	4s12	8n18	1s15	16n38	1n25	20n34	1n 6	10s36	1s18	3s37	2s21	22n47	0n24	2n29	1s35	24n21	7n33	15n54	15n50	3s 1	6s38	0s37
T 2	17 57	19 56	3 19	7 46	1 26	16 15	1 25	20 25	1 6	10 39	1 18	3 38	2 22	22 47	0 24	2 29	1 35	24 21	7 33	15 54	15 51	2 59	6 40	0 37
W 3	17 42	19 32	2 14	7 14	1 38	15 52	1 26	20 16	1 6	10 41	1 18	3 39	2 22	22 47	0 24	2 29	1 35	24 20	7 34	15 54	15 52	2 57	6 41	0 36
T 4	17 26	17 53	0 59	6 44	1 49	15 28	1 26	20 7	1 6	10 44	1 18	3 40	2 22	22 46	0 24	2 28	1 35	24 20	7 34	15 54	15 53	2 55	6 43	0 36
F 5	17 10	15 2	0n22	6 14	2 0	15 4	1 27	19 58	1 6	10 46	1 18	3 41	2 22	22 46	0 24	2 28	1 35	24 19	7 34	15 54	15 54	2 52	6 45	0 36
S 6	16 54	11 12	1 42	5 46	2 12	14 40	1 27	19 48	1 7	10 49	1 19	3 43	2 22	22 45	0 24	2 28	1 35	24 19	7 34	15 54	15 55	2 50	6 47	0 35
S 7	16 38	6 40	2 55	5 19	2 23	14 15	1 27	19 39	1 7	10 52	1 19	3 44	2 23	22 45	0 24	2 27	1 35	24 19	7 34	15 54	15 56	2 48	6 49	0 35
M 8	16 21	1 45	3 57	4 53	2 35	13 50	1 27	19 29	1 7	10 54	1 19	3 45	2 23	22 45	0 24	2 27	1 35	24 18	7 34	15 54	15 57	2 46	6 51	0 34
T 9	16 4	3s12	4 42	4 29	2 46	13 24	1 27	19 19	1 7	10 57	1 19	3 47	2 23	22 44	0 24	2 27	1 35	24 18	7 34	15 54	15 57	2 44	6 53	0 34
W10	15 46	7 53	5 9	4 6	2 57	12 58	1 27	19 10	1 7	11 0	1 19	3 48	2 23	22 44	0 24	2 26	1 35	24 17	7 34	15 54	15 58	2 42	6 55	0 34
T 11	15 29	12 2	5 17	3 45	3 8	12 32	1 27	18 59	1 8	11 3	1 20	3 50	2 24	22 43	0 24	2 26	1 35	24 17	7 34	15 54	15 59	2 40	6 57	0 33
F 12	15 11	15 27	5 7	3 26	3 19	12 5	1 27	18 49	1 8	11 6	1 20	3 51	2 24	22 43	0 25	2 25	1 35	24 16	7 34	15 54	16 0	2 38	6 59	0 33
S 13	14 53	17 59	4 40	3 9	3 29	11 38	1 27	18 39	1 8	11 8	1 20	3 52	2 24	22 43	0 25	2 25	1 35	24 16	7 34	15 54	16 1	2 36	7 1	0 33
S 14	14 35	19 29	3 58	2 55	3 39	11 11	1 27	18 29	1 8	11 11	1 20	3 54	2 24	22 42	0 25	2 25	1 35	24 15	7 34	15 54	16 2	2 34	7 3	0 32
M15	14 16	19 57	3 5	2 42	3 49	10 44	1 26	18 18	1 8	11 14	1 20	3 55	2 24	22 42	0 25	2 24	1 35	24 15	7 35	15 54	16 3	2 32	7 5	0 32
T 16	13 57	19 23	2 4	2 33	3 58	10 16	1 26	18 7	1 8	11 17	1 20	3 57	2 25	22 41	0 25	2 24	1 35	24 14	7 35	15 54	16 4	2 29	7 7	0 32
W17	13 38	17 51	0 58	2 26	4 6	9 48	1 26	17 57	1 8	11 20	1 21	3 59	2 25	22 41	0 25	2 23	1 36	24 14	7 35	15 53	16 5	2 27	7 9	0 31
T 18	13 19	15 31	0s 9	2 22	4 13	9 19	1 25	17 46	1 9	11 23	1 21	4 0	2 25	22 41	0 25	2 23	1 36	24 14	7 35	15 53	16 6	2 25	7 11	0 31
F 19	13 0	12 32	1 16	2 21	4 20	8 51	1 25	17 35	1 9	11 26	1 21	4 2	2 25	22 40	0 25	2 22	1 36	24 13	7 35	15 54	16 7	2 23	7 13	0 30
S 20	12 40	9 3	2 18	2 23	4 25	8 22	1 24	17 23	1 9	11 29	1 21	4 3	2 25	22 40	0 25	2 22	1 36	24 13	7 35	15 54	16 8	2 21	7 16	0 30
S 21	12 20	5 14	3 14	2 29	4 29	7 53	1 23	17 12	1 9	11 32	1 21	4 5	2 25	22 39	0 25	2 21	1 36	24 12	7 35	15 54	16 9	2 19	7 18	0 30
M22	12 0	1 15	4 1	2 38	4 32	7 24	1 22	17 1	1 9	11 35	1 21	4 7	2 26	22 39	0 25	2 21	1 36	24 12	7 35	15 55	16 10	2 17	7 20	0 29
T 23	11 40	2n47	4 38	2 51	4 34	6 54	1 22	16 49	1 9	11 38	1 21	4 9	2 26	22 39	0 25	2 20	1 36	24 12	7 35	15 55	16 11	2 15	7 23	0 29
W24	11 20	6 42	5 3	3 7	4 33	6 24	1 21	16 38	1 9	11 41	1 21	4 10	2 26	22 38	0 25	2 20	1 36	24 11	7 36	15 56	16 12	2 13	7 25	0 29
T 25	10 59	10 25	5 15	3 26	4 31	5 55	1 20	16 26	1 10	11 44	1 22	4 12	2 26	22 38	0 25	2 19	1 36	24 11	7 36	15 56	16 13	2 10	7 27	0 28
F 26	10 38	13 44	5 13	3 48	4 28	5 25	1 19	16 14	1 10	11 47	1 22	4 14	2 26	22 37	0 25	2 19	1 36	24 10	7 36	15 56	16 14	2 8	7 30	0 28
S 27	10 17	16 32	4 57	4 14	4 22	4 54	1 18	16 2	1 10	11 50	1 22	4 15	2 26	22 37	0 25	2 18	1 36	24 10	7 36	15 56	16 15	2 6	7 32	0 28
S 28	9 56	18 36	4 26	4 41	4 14	4 24	1 16	15 50	1 10	11 53	1 22	4 17	2 27	22 37	0 25	2 18	1 36	24 10	7 36	15 56	16 15	2 4	7 34	0 27
M29	9 35	19 47	3 41	5 11	4 5	3 54	1 15	15 38	1 10	11 55	1 22	4 19	2 27	22 36	0 25	2 17	1 36	24 9	7 36	15 56	16 16	2 2	7 37	0 27
T 30	9 14	19 52	2 42	5 43	3 53	3 23	1 14	15 26	1 10	11 58	1 22	4 21	2 27	22 36	0 25	2 17	1 36	24 9	7 36	15 56	16 17	2 0	7 39	0 27
W31	8n52	18n46	1s31	6n16	3s40	2n53	1n12	15n14	1n10	12s 1	1s22	4s23	2s27	22n36	0n25	2n16	1s36	24n 9	7n37	15n55	16n18	1s58	7s42	0s26

Julian Day Number = 2342549.5, Delta T = 13.75 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'28, Lahiri = 19°41'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

SEPTEMBER 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 33	8♍11'55	14♌ 4	4°R 9	26♍48	22♌52	1°R58	24°R34	18♋38	9°R24	13♌17	16°R30	15♌ 8	4♈ 7	18♎42	T 1
F 2	22 43 30	9°10'08	28°50	3♍19	28° 2	23°30	1♓50	24♓30	18°41	9♈23	13°19	16♌29	15° 5	4°14	18°50	F 2
S 3	22 47 26	10° 8'23	13♍51	2°34	29°16	24° 8	1°42	24°26	18°44	9°22	13°21	16°28	15° 2	4°20	18°57	S 3
S 4	22 51 23	11° 6'39	28°59	1°55	0♎29	24°46	1°34	24°21	18°46	9°20	13°23	16°25	14°59	4°27	19° 5	S 4
M 5	22 55 20	12° 4'58	14♎ 5	1°23	1°43	25°24	1°27	24°17	18°49	9°19	13°24	16°22	14°56	4°34	19°12	M 5
T 6	22 59 16	13° 3'18	28°59	0°58	2°57	26° 2	1°19	24°12	18°51	9°17	13°26	16°18	14°53	4°40	19°20	T 6
W 7	23 3 13	14° 1'39	13♏35	0°42	4°11	26°40	1°11	24° 8	18°54	9°16	13°27	16°15	14°49	4°47	19°28	W 7
T 8	23 7 9	15° 0'03	27°47	0°D35	5°25	27°18	1° 4	24° 3	18°56	9°14	13°29	16°13	14°46	4°54	19°35	T 8
F 9	23 11 6	15°58'28	11♐34	0°37	6°39	27°57	0°57	23°59	18°58	9°13	13°31	16°D12	14°43	5° 0	19°43	F 9
S 10	23 15 2	16°56'54	24°56	0°48	7°53	28°35	0°49	23°54	19° 1	9°11	13°32	16°12	14°40	5° 7	19°51	S 10
S 11	23 18 59	17°55'22	7♑56	1° 8	9° 7	29°13	0°42	23°49	19° 3	9°10	13°34	16°13	14°37	5°14	19°59	S 11
M12	23 22 55	18°53'52	20°37	1°38	10°21	29°51	0°35	23°45	19° 5	9° 8	13°35	16°15	14°33	5°21	20° 7	M12
T 13	23 26 52	19°52'23	3♒ 2	2°16	11°35	0♍29	0°28	23°40	19° 7	9° 7	13°37	16°16	14°30	5°27	20°15	T 13
W14	23 30 48	20°50'56	15°15	3° 3	12°49	1° 7	0°21	23°36	19°10	9° 5	13°38	16°R17	14°27	5°34	20°23	W14
T 15	23 34 45	21°49'31	27°18	3°58	14° 3	1°45	0°14	23°31	19°12	9° 4	13°40	16°16	14°24	5°41	20°31	T 15
F 16	23 38 42	22°48'08	9♓16	5° 0	15°17	2°23	0° 7	23°26	19°14	9° 2	13°41	16°14	14°21	5°47	20°39	F 16
S 17	23 42 38	23°46'46	21° 9	6° 9	16°30	3° 0	0° 1	23°22	19°16	9° 1	13°43	16°10	14°18	5°54	20°47	S 17
S 18	23 46 35	24°45'27	3♈ 0	7°25	17°44	3°38	29♒54	23°17	19°18	8°59	13°44	16° 4	14°14	6° 1	20°55	S 18
M19	23 50 31	25°44'09	14°51	8°46	18°58	4°16	29°48	23°12	19°20	8°57	13°46	15°57	14°11	6° 7	21° 3	M19
T 20	23 54 28	26°42'54	26°43	10°12	20°12	4°54	29°41	23° 8	19°22	8°56	13°47	15°49	14° 8	6°14	21°12	T 20
W21	23 58 24	27°41'40	8♉38	11°42	21°26	5°32	29°35	23° 3	19°23	8°54	13°49	15°42	14° 5	6°21	21°20	W21
T 22	0 2 21	28°40'29	20°40	13°16	22°40	6°10	29°29	22°59	19°25	8°52	13°50	15°35	14° 2	6°27	21°28	T 22
F 23	0 6 17	29°39'20	2♊50	14°54	23°53	6°48	29°23	22°54	19°27	8°51	13°51	15°30	13°59	6°34	21°36	F 23
S 24	0 10 14	0♎38'14	15°13	16°34	25° 7	7°26	29°18	22°49	19°29	8°49	13°53	15°26	13°55	6°41	21°45	S 24
S 25	0 14 11	1°37'09	27°52	18°16	26°21	8° 4	29°12	22°45	19°30	8°48	13°54	15°D25	13°52	6°48	21°53	S 25
M26	0 18 7	2°36'08	10♋50	19°59	27°35	8°42	29° 7	22°40	19°32	8°46	13°55	15°25	13°49	6°54	22° 1	M26
T 27	0 22 4	3°35'08	24°13	21°44	28°49	9°20	29° 2	22°36	19°34	8°44	13°57	15°26	13°46	7° 1	22°10	T 27
W28	0 26 0	4°34'11	8♌ 1	23°30	0♏ 2	9°58	28°56	22°31	19°35	8°43	13°58	15°27	13°43	7° 8	22°18	W28
T 29	0 29 57	5°33'16	22°18	25°17	1°16	10°35	28°52	22°27	19°37	8°41	13°59	15°R27	13°39	7°14	22°27	T 29
F 30	0 33 53	6♎32'23	6♍59	27♍ 4	2♏30	11♍13	28♒47	22♓22	19♋38	8♈39	14♌ 0	15♌26	13♌36	7♈21	22♎35	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n31	16n25	0s13	6n49	3s25	2n22	1n11	15n 2	1n10	12s 4	1s22	4s25	2s27	22n35	0n25	2n16	1s36	24n 8	7n37	15n55	16n19	1s56	7s44	0s26
F 2	8 9	12 57	1n 7	7 22	3 9	1 51	1 10	14 49	1 11	12 7	1 22	4 26	2 27	22 35	0 25	2 15	1 36	24 8	7 37	15 55	16 20	1 54	7 47	0 26
S 3	7 47	8 35	2 25	7 55	2 51	1 20	1 8	14 36	1 11	12 10	1 22	4 28	2 27	22 35	0 25	2 14	1 36	24 8	7 37	15 56	16 21	1 51	7 49	0 25
S 4	7 25	3 39	3 33	8 26	2 33	0 49	1 6	14 24	1 11	12 13	1 22	4 30	2 27	22 34	0 25	2 14	1 36	24 7	7 37	15 56	16 22	1 49	7 52	0 25
M 5	7 2	1s29	4 26	8 55	2 14	0 18	1 5	14 11	1 11	12 15	1 22	4 32	2 28	22 34	0 25	2 13	1 36	24 7	7 37	15 57	16 23	1 47	7 54	0 25
T 6	6 40	6 28	5 0	9 21	1 55	0s13	1 3	13 58	1 11	12 18	1 22	4 34	2 28	22 34	0 25	2 13	1 36	24 7	7 38	15 58	16 24	1 45	7 57	0 24
W 7	6 18	10 57	5 13	9 45	1 35	0 44	1 1	13 45	1 11	12 21	1 22	4 36	2 28	22 33	0 25	2 12	1 36	24 6	7 38	15 59	16 25	1 43	8 0	0 24
T 8	5 55	14 42	5 7	10 6	1 16	1 15	0 59	13 32	1 11	12 24	1 22	4 38	2 28	22 33	0 25	2 12	1 36	24 6	7 38	16 0	16 26	1 41	8 2	0 24
F 9	5 32	17 31	4 44	10 23	0 57	1 46	0 58	13 19	1 11	12 26	1 22	4 39	2 28	22 33	0 25	2 11	1 36	24 6	7 38	16 0	16 27	1 39	8 5	0 23
S 10	5 10	19 18	4 5	10 36	0 39	2 17	0 56	13 6	1 11	12 29	1 22	4 41	2 28	22 32	0 25	2 10	1 36	24 5	7 38	16 0	16 28	1 37	8 8	0 23
S 11	4 47	20 0	3 15	10 46	0 21	2 48	0 54	12 53	1 11	12 31	1 22	4 43	2 28	22 32	0 25	2 10	1 36	24 5	7 39	16 0	16 29	1 34	8 10	0 23
M12	4 24	19 39	2 16	10 51	0 4	3 19	0 52	12 40	1 12	12 34	1 22	4 45	2 28	22 32	0 25	2 9	1 36	24 5	7 39	16 0	16 29	1 32	8 13	0 22
T 13	4 1	18 21	1 12	10 52	0n12	3 50	0 50	12 26	1 12	12 36	1 22	4 47	2 28	22 32	0 25	2 8	1 36	24 4	7 39	15 59	16 30	1 30	8 16	0 22
W14	3 38	16 12	0 6	10 49	0 26	4 20	0 47	12 13	1 12	12 39	1 22	4 49	2 28	22 31	0 25	2 8	1 36	24 4	7 39	15 59	16 31	1 28	8 18	0 22
T 15	3 15	13 22	1s 0	10 42	0 40	4 51	0 45	11 59	1 12	12 41	1 22	4 51	2 28	22 31	0 25	2 7	1 37	24 4	7 39	15 59	16 32	1 26	8 21	0 21
F 16	2 52	10 0	2 2	10 30	0 53	5 22	0 43	11 46	1 12	12 44	1 22	4 53	2 28	22 31	0 25	2 6	1 37	24 4	7 40	16 0	16 33	1 24	8 24	0 21
S 17	2 28	6 15	2 58	10 15	1 4	5 52	0 41	11 32	1 12	12 46	1 22	4 55	2 28	22 31	0 25	2 6	1 37	24 3	7 40	16 1	16 34	1 22	8 27	0 21
S 18	2 5	2 16	3 47	9 57	1 14	6 23	0 38	11 18	1 12	12 48	1 22	4 56	2 28	22 30	0 25	2 5	1 37	24 3	7 40	16 3	16 35	1 19	8 29	0 20
M19	1 42	1n47	4 25	9 34	1 23	6 53	0 36	11 5	1 12	12 50	1 22	4 58	2 28	22 30	0 25	2 5	1 37	24 3	7 40	16 5	16 36	1 17	8 32	0 20
T 20	1 18	5 46	4 52	9 9	1 30	7 23	0 34	10 51	1 12	12 52	1 22	5 0	2 28	22 30	0 25	2 4	1 37	24 3	7 40	16 7	16 37	1 15	8 35	0 20
W21	0 55	9 34	5 7	8 40	1 37	7 53	0 31	10 37	1 12	12 55	1 22	5 2	2 28	22 30	0 25	2 3	1 37	24 3	7 41	16 9	16 38	1 13	8 38	0 19
T 22	0 32	13 0	5 8	8 9	1 42	8 23	0 29	10 23	1 12	12 57	1 22	5 4	2 29	22 29	0 26	2 3	1 37	24 2	7 41	16 11	16 39	1 11	8 41	0 19
F 23	0 8	15 56	4 55	7 35	1 46	8 53	0 26	10 9	1 12	12 59	1 22	5 6	2 29	22 29	0 26	2 2	1 37	24 2	7 41	16 13	16 40	1 9	8 43	0 19
S 24	0s15	18 12	4 28	6 59	1 49	9 22	0 24	9 55	1 12	13 1	1 22	5 8	2 29	22 29	0 26	2 1	1 37	24 2	7 41	16 14	16 40	1 7	8 46	0 18
S 25	0 39	19 39	3 48	6 22	1 52	9 51	0 21	9 41	1 12	13 2	1 21	5 9	2 29	22 29	0 26	2 1	1 37	24 2	7 41	16 14	16 41	1 4	8 49	0 18
M26	1 2	20 7	2 56	5 42	1 53	10 21	0 18	9 27	1 13	13 4	1 21	5 11	2 29	22 28	0 26	2 0	1 37	24 2	7 42	16 14	16 42	1 2	8 52	0 18
T 27	1 26	19 28	1 52	5 1	1 54	10 49	0 16	9 12	1 13	13 6	1 21	5 13	2 28	22 28	0 26	1 59	1 37	24 1	7 42	16 14	16 43	1 0	8 55	0 17
W28	1 49	17 39	0 40	4 19	1 53	11 18	0 13	8 58	1 13	13 8	1 21	5 15	2 28	22 28	0 26	1 59	1 37	24 1	7 42	16 14	16 44	0 58	8 58	0 17
T 29	2 13	14 41	0n37	3 36	1 52	11 46	0 10	8 44	1 13	13 9	1 21	5 16	2 28	22 28	0 26	1 58	1 37	24 1	7 42	16 14	16 45	0 56	9 1	0 17
F 30	2s36	10n43	1n53	2n52	1n51	12s14	0n 8	8n29	1n13	13s11	1s21	5s18	2s28	22n28	0n26	1n57	1s37	24n 1	7n43	16n14	16n46	0s54	9s 3	0s16

Julian Day Number = 2342580.5, Delta T = 13.73 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'33, Lahiri = 19°41'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

OCTOBER 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 50	7♎31'32	22♍ 2	28♍51	3♏44	11♍51	28°R42	22°R18	19♋39	8°R38	14♌ 2	15°R21	13♌33	7♈28	22♎44	S 1
S 2	0 41 46	8°30'44	7♎18	0♎38	4°57	12°29	28♒38	22♓13	19°41	8♈36	14° 3	15♌15	13°30	7°34	22°52	S 2
M 3	0 45 43	9°29'57	22°36	2°25	6°11	13° 7	28°34	22° 9	19°42	8°34	14° 4	15° 7	13°27	7°41	23° 1	M 3
T 4	0 49 40	10°29'13	7♏45	4°12	7°25	13°45	28°29	22° 5	19°43	8°32	14° 5	14°59	13°24	7°48	23° 9	T 4
W 5	0 53 36	11°28'31	22°35	5°59	8°39	14°23	28°26	22° 1	19°44	8°31	14° 6	14°51	13°20	7°54	23°18	W 5
T 6	0 57 33	12°27'50	7♐ 0	7°45	9°52	15° 0	28°22	21°56	19°46	8°29	14° 7	14°44	13°17	8° 1	23°27	T 6
F 7	1 1 29	13°27'12	20°55	9°30	11° 6	15°38	28°18	21°52	19°47	8°27	14° 9	14°39	13°14	8° 8	23°35	F 7
S 8	1 5 26	14°26'35	4♑22	11°15	12°20	16°16	28°15	21°48	19°48	8°26	14°10	14°37	13°11	8°15	23°44	S 8
S 9	1 9 22	15°25'59	17°21	12°59	13°33	16°54	28°12	21°44	19°49	8°24	14°11	14°D37	13° 8	8°21	23°52	S 9
M10	1 13 19	16°25'26	29°58	14°43	14°47	17°32	28° 9	21°40	19°49	8°23	14°12	14°37	13° 4	8°28	24° 1	M10
T 11	1 17 15	17°24'54	12♒16	16°26	16° 1	18° 9	28° 6	21°36	19°50	8°21	14°13	14°R38	13° 1	8°35	24°10	T 11
W12	1 21 12	18°24'25	24°22	18° 8	17°14	18°47	28° 4	21°32	19°51	8°19	14°14	14°37	12°58	8°41	24°18	W12
T 13	1 25 9	19°23'56	6♓18	19°50	18°28	19°25	28° 1	21°28	19°52	8°18	14°15	14°35	12°55	8°48	24°27	T 13
F 14	1 29 5	20°23'30	18°10	21°31	19°41	20° 3	27°59	21°25	19°53	8°16	14°15	14°30	12°52	8°55	24°36	F 14
S 15	1 33 2	21°23'06	29°59	23°11	20°55	20°40	27°57	21°21	19°53	8°14	14°16	14°22	12°49	9° 1	24°44	S 15
S 16	1 36 58	22°22'43	11♈51	24°51	22° 8	21°18	27°56	21°17	19°54	8°13	14°17	14°12	12°45	9° 8	24°53	S 16
M17	1 40 55	23°22'23	23°44	26°30	23°22	21°56	27°54	21°14	19°54	8°11	14°18	13°59	12°42	9°15	25° 2	M17
T 18	1 44 51	24°22'04	5♉41	28° 9	24°36	22°34	27°53	21°10	19°55	8°10	14°19	13°46	12°39	9°22	25°10	T 18
W19	1 48 48	25°21'48	17°44	29°47	25°49	23°11	27°51	21° 7	19°55	8° 8	14°20	13°33	12°36	9°28	25°19	W19
T 20	1 52 44	26°21'34	29°54	1♏24	27° 2	23°49	27°51	21° 3	19°56	8° 6	14°20	13°21	12°33	9°35	25°28	T 20
F 21	1 56 41	27°21'21	12♊11	3° 1	28°16	24°27	27°50	21° 0	19°56	8° 5	14°21	13°11	12°30	9°42	25°36	F 21
S 22	2 0 37	28°21'12	24°39	4°37	29°29	25° 5	27°49	20°57	19°56	8° 3	14°22	13° 4	12°26	9°48	25°45	S 22
S 23	2 4 34	29°21'04	7♋20	6°13	0♐43	25°42	27°49	20°54	19°56	8° 2	14°23	13° 0	12°23	9°55	25°54	S 23
M24	2 8 31	0♏20'58	20°16	7°48	1°56	26°20	27°D49	20°51	19°57	8° 0	14°23	12°58	12°20	10° 2	26° 3	M24
T 25	2 12 27	1°20'55	3♌32	9°22	3°10	26°58	27°49	20°48	19°57	7°59	14°24	12°D57	12°17	10° 8	26°11	T 25
W26	2 16 24	2°20'54	17°10	10°57	4°23	27°35	27°49	20°45	19°R57	7°57	14°24	12°R57	12°14	10°15	26°20	W26
T 27	2 20 20	3°20'55	1♍12	12°30	5°36	28°13	27°50	20°42	19°57	7°56	14°25	12°57	12°10	10°22	26°28	T 27
F 28	2 24 17	4°20'58	15°39	14° 4	6°50	28°51	27°50	20°39	19°57	7°54	14°26	12°54	12° 7	10°29	26°37	F 28
S 29	2 28 13	5°21'04	0♎28	15°36	8° 3	29°28	27°51	20°37	19°56	7°53	14°26	12°48	12° 4	10°35	26°46	S 29
S 30	2 32 10	6°21'11	15°33	17° 9	9°16	0♎ 6	27°52	20°34	19°56	7°51	14°27	12°39	12° 1	10°42	26°54	S 30
M31	2 36 6	7♏21'20	0♏45	18♏41	10♐30	0♎44	27♒54	20♓32	19♋56	7♈50	14♌27	12♌28	11♌58	10♈49	27♎ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s59	5n58	3n 4	2n 7	1n48	12s42	0n 5	8n15	1n13	13s12	1s21	5s20	2s28	22n28	0n26	1n57	1s37	24n 1	7n43	16n15	16n47	0s51	9s 6	0s16
S 2	3 23	0 48	4 2	1 22	1 46	13 10	0 2	8 0	1 13	13 14	1 21	5 22	2 28	22 27	0 26	1 56	1 37	24 1	7 43	16 17	16 48	0 49	9 9	0 16
M 3	3 46	4s26	4 43	0 36	1 42	13 37	0s 1	7 46	1 13	13 15	1 21	5 23	2 28	22 27	0 26	1 55	1 37	24 1	7 43	16 20	16 49	0 47	9 12	0 16
T 4	4 9	9 20	5 3	0s10	1 39	14 4	0 3	7 31	1 13	13 16	1 20	5 25	2 28	22 27	0 26	1 55	1 37	24 0	7 44	16 22	16 50	0 45	9 15	0 15
W 5	4 33	13 34	5 3	0 56	1 35	14 30	0 6	7 17	1 13	13 18	1 20	5 27	2 28	22 27	0 26	1 54	1 37	24 0	7 44	16 24	16 51	0 43	9 18	0 15
T 6	4 56	16 52	4 43	1 42	1 30	14 56	0 9	7 2	1 13	13 19	1 20	5 28	2 28	22 27	0 26	1 53	1 37	24 0	7 44	16 26	16 51	0 41	9 21	0 15
F 7	5 19	19 4	4 7	2 28	1 25	15 22	0 12	6 47	1 13	13 20	1 20	5 30	2 28	22 27	0 26	1 53	1 37	24 0	7 44	16 28	16 52	0 38	9 24	0 14
S 8	5 42	20 6	3 18	3 14	1 20	15 48	0 15	6 33	1 13	13 21	1 20	5 31	2 28	22 27	0 26	1 52	1 37	24 0	7 45	16 28	16 53	0 36	9 27	0 14
S 9	6 5	20 2	2 20	3 59	1 15	16 13	0 18	6 18	1 13	13 22	1 20	5 33	2 28	22 26	0 26	1 51	1 37	24 0	7 45	16 29	16 54	0 34	9 29	0 14
M10	6 28	18 55	1 18	4 45	1 9	16 38	0 21	6 3	1 13	13 23	1 20	5 34	2 28	22 26	0 26	1 51	1 37	24 0	7 45	16 28	16 55	0 32	9 32	0 13
T 11	6 51	16 57	0 13	5 30	1 3	17 2	0 23	5 49	1 13	13 24	1 19	5 36	2 28	22 26	0 26	1 50	1 37	24 0	7 45	16 28	16 56	0 30	9 35	0 13
W12	7 14	14 14	0s52	6 14	0 57	17 26	0 26	5 34	1 13	13 24	1 19	5 37	2 28	22 26	0 26	1 49	1 37	24 0	7 46	16 28	16 57	0 28	9 38	0 13
T 13	7 36	10 58	1 53	6 59	0 51	17 49	0 29	5 19	1 13	13 25	1 19	5 39	2 28	22 26	0 26	1 49	1 37	24 0	7 46	16 29	16 58	0 25	9 41	0 12
F 14	7 59	7 16	2 49	7 43	0 45	18 12	0 32	5 4	1 13	13 26	1 19	5 40	2 28	22 26	0 26	1 48	1 37	24 0	7 46	16 30	16 59	0 23	9 44	0 12
S 15	8 21	3 19	3 37	8 26	0 38	18 35	0 35	4 49	1 13	13 26	1 19	5 42	2 27	22 26	0 26	1 47	1 37	24 0	7 46	16 33	17 0	0 21	9 47	0 12
S 16	8 43	0n46	4 15	9 9	0 32	18 57	0 38	4 34	1 13	13 27	1 19	5 43	2 27	22 26	0 26	1 47	1 37	24 0	7 47	16 36	17 0	0 19	9 50	0 12
M17	9 6	4 51	4 43	9 51	0 25	19 18	0 41	4 19	1 13	13 27	1 19	5 44	2 27	22 26	0 26	1 46	1 37	24 0	7 47	16 39	17 1	0 17	9 53	0 11
T 18	9 28	8 45	4 58	10 33	0 19	19 39	0 44	4 4	1 13	13 27	1 18	5 45	2 27	22 26	0 26	1 46	1 37	24 0	7 47	16 43	17 2	0 15	9 56	0 11
W19	9 50	12 20	5 0	11 14	0 12	20 0	0 47	3 49	1 13	13 28	1 18	5 47	2 27	22 26	0 26	1 45	1 37	24 0	7 48	16 47	17 3	0 12	9 59	0 11
T 20	10 11	15 27	4 49	11 54	0 5	20 20	0 49	3 34	1 13	13 28	1 18	5 48	2 27	22 26	0 26	1 44	1 37	24 0	7 48	16 50	17 4	0 10	10 1	0 10
F 21	10 33	17 56	4 24	12 34	0s 2	20 39	0 52	3 19	1 13	13 28	1 18	5 49	2 27	22 26	0 26	1 44	1 37	24 0	7 48	16 53	17 5	0 8	10 4	0 10
S 22	10 54	19 36	3 46	13 13	0 8	20 58	0 55	3 4	1 13	13 28	1 18	5 50	2 27	22 26	0 26	1 43	1 37	24 0	7 48	16 55	17 6	0 6	10 7	0 10
S 23	11 16	20 20	2 57	13 51	0 15	21 16	0 58	2 49	1 13	13 28	1 18	5 51	2 26	22 26	0 26	1 43	1 37	24 0	7 49	16 56	17 7	0 4	10 10	0 9
M24	11 37	20 1	1 57	14 29	0 22	21 34	1 1	2 34	1 13	13 28	1 17	5 52	2 26	22 26	0 27	1 42	1 37	24 0	7 49	16 57	17 8	0 1	10 13	0 9
T 25	11 58	18 35	0 50	15 5	0 29	21 51	1 3	2 19	1 13	13 27	1 17	5 54	2 26	22 26	0 27	1 41	1 37	24 0	7 49	16 57	17 9	0n 1	10 16	0 9
W26	12 18	16 4	0n22	15 41	0 35	22 8	1 6	2 4	1 13	13 27	1 17	5 55	2 26	22 26	0 27	1 41	1 37	24 0	7 50	16 57	17 9	0 3	10 19	0 9
T 27	12 39	12 33	1 35	16 17	0 42	22 24	1 9	1 49	1 13	13 27	1 17	5 55	2 26	22 26	0 27	1 40	1 37	24 0	7 50	16 57	17 10	0 5	10 22	0 8
F 28	12 59	8 11	2 44	16 51	0 48	22 39	1 11	1 34	1 13	13 26	1 17	5 56	2 26	22 26	0 27	1 40	1 37	24 1	7 50	16 58	17 11	0 7	10 24	0 8
S 29	13 20	3 13	3 43	17 25	0 55	22 54	1 14	1 19	1 13	13 26	1 16	5 57	2 26	22 26	0 27	1 39	1 37	24 1	7 50	17 0	17 12	0 9	10 27	0 8
S 30	13 40	2s 1	4 28	17 57	1 1	23 8	1 17	1 4	1 13	13 25	1 16	5 58	2 25	22 26	0 27	1 39	1 36	24 1	7 51	17 2	17 13	0 12	10 30	0 7
M31	13s59	7s 9	4n54	18s29	1s 7	23s22	1s19	0n49	1n13	13s25	1s16	5s59	2s25	22n26	0n27	1n38	1s36	24n 1	7n51	17n 5	17n14	0n14	10s33	0s 7

Julian Day Number = 2342610.5, Delta T = 13.70 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'37, Lahiri = 19°41'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

NOVEMBER 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 3	8♏21'32	15♏53	20♏12	11♐43	1♎21	27♒55	20°R29	19°R56	7°R49	14♌28	12°R17	11♌55	10♈55	27♎12	T 1
W 2	2 44 0	9°21'45	0♐47	21°44	12°56	1°59	27°57	20♓27	19♋55	7♈47	14°28	12♌ 5	11°51	11° 2	27°20	W 2
T 3	2 47 56	10°22'00	15°19	23°14	14°10	2°37	27°59	20°25	19°55	7°46	14°28	11°55	11°48	11° 9	27°29	T 3
F 4	2 51 53	11°22'16	29°22	24°45	15°23	3°14	28° 1	20°23	19°55	7°45	14°29	11°48	11°45	11°15	27°37	F 4
S 5	2 55 49	12°22'34	12♑55	26°15	16°36	3°52	28° 3	20°21	19°54	7°43	14°29	11°44	11°42	11°22	27°46	S 5
S 6	2 59 46	13°22'54	26° 0	27°44	17°49	4°29	28° 6	20°19	19°54	7°42	14°29	11°42	11°39	11°29	27°54	S 6
M 7	3 3 42	14°23'15	8♒40	29°13	19° 2	5° 7	28° 8	20°17	19°53	7°41	14°30	11°41	11°36	11°36	28° 3	M 7
T 8	3 7 39	15°23'37	20°59	0♐42	20°15	5°45	28°11	20°16	19°52	7°39	14°30	11°41	11°32	11°42	28°11	T 8
W 9	3 11 35	16°24'01	3♓ 4	2°10	21°28	6°22	28°14	20°14	19°52	7°38	14°30	11°40	11°29	11°49	28°20	W 9
T 10	3 15 32	17°24'26	14°58	3°38	22°41	7° 0	28°17	20°13	19°51	7°37	14°30	11°38	11°26	11°56	28°28	T 10
F 11	3 19 29	18°24'52	26°48	5° 5	23°54	7°37	28°21	20°11	19°50	7°36	14°30	11°32	11°23	12° 2	28°36	F 11
S 12	3 23 25	19°25'20	8♈38	6°32	25° 7	8°15	28°25	20°10	19°49	7°35	14°30	11°24	11°20	12° 9	28°45	S 12
S 13	3 27 22	20°25'49	20°31	7°58	26°20	8°52	28°29	20° 9	19°48	7°34	14°31	11°13	11°16	12°16	28°53	S 13
M14	3 31 18	21°26'20	2♉29	9°23	27°33	9°30	28°33	20° 8	19°47	7°32	14°31	11° 0	11°13	12°23	29° 1	M14
T 15	3 35 15	22°26'52	14°34	10°48	28°46	10° 7	28°37	20° 7	19°46	7°31	14°31	10°46	11°10	12°29	29°10	T 15
W16	3 39 11	23°27'26	26°48	12°11	29°59	10°45	28°41	20° 6	19°45	7°30	14°R31	10°32	11° 7	12°36	29°18	W16
T 17	3 43 8	24°28'01	9♊10	13°34	1♑12	11°22	28°46	20° 5	19°44	7°29	14°31	10°19	11° 4	12°43	29°26	T 17
F 18	3 47 4	25°28'38	21°42	14°56	2°25	12° 0	28°51	20° 5	19°43	7°28	14°31	10° 8	11° 1	12°49	29°34	F 18
S 19	3 51 1	26°29'16	4♋24	16°17	3°37	12°37	28°56	20° 4	19°42	7°27	14°31	10° 1	10°57	12°56	29°42	S 19
S 20	3 54 58	27°29'56	17°17	17°36	4°50	13°15	29° 1	20° 4	19°40	7°26	14°30	9°56	10°54	13° 3	29°50	S 20
M21	3 58 54	28°30'38	0♌22	18°54	6° 3	13°52	29° 6	20° 3	19°39	7°25	14°30	9°54	10°51	13° 9	29°58	M21
T 22	4 2 51	29°31'21	13°41	20°10	7°15	14°30	29°12	20° 3	19°38	7°25	14°30	9°D54	10°48	13°16	0♏ 6	T 22
W23	4 6 47	0♐32'06	27°16	21°24	8°28	15° 7	29°17	20° 3	19°36	7°24	14°30	9°R54	10°45	13°23	0°14	W23
T 24	4 10 44	1°32'52	11♍ 9	22°36	9°40	15°45	29°23	20°D 3	19°35	7°23	14°30	9°54	10°41	13°30	0°22	T 24
F 25	4 14 40	2°33'40	25°20	23°46	10°53	16°22	29°29	20° 3	19°33	7°22	14°30	9°51	10°38	13°36	0°30	F 25
S 26	4 18 37	3°34'29	9♎48	24°52	12° 5	16°59	29°35	20° 3	19°32	7°21	14°29	9°47	10°35	13°43	0°38	S 26
S 27	4 22 33	4°35'20	24°30	25°55	13°18	17°37	29°42	20° 4	19°30	7°21	14°29	9°40	10°32	13°50	0°46	S 27
M28	4 26 30	5°36'12	9♏20	26°55	14°30	18°14	29°48	20° 4	19°29	7°20	14°29	9°31	10°29	13°56	0°53	M28
T 29	4 30 27	6°37'06	24° 9	27°50	15°42	18°52	29°55	20° 4	19°27	7°19	14°28	9°20	10°26	14° 3	1° 1	T 29
W30	4 34 23	7♐38'01	8♐50	28♐39	16♑55	19♎29	0♓ 2	20♓ 5	19♋25	7♈19	14♌28	9♌10	10♌22	14♈10	1♏ 9	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s19	11s50	5n 0	19s 0	1s14	23s35	1s22	0n34	1n13	13s24	1s16	6s 0	2s25	22n26	0n27	1n38	1s36	24n 1	7n51	17n 9	17n15	0n16	10s36	0s 7
W 2	14 38	15 42	4 45	19 30	1 20	23 47	1 24	0 19	1 12	13 23	1 16	6 1	2 25	22 26	0 27	1 37	1 36	24 1	7 52	17 12	17 16	0 18	10 38	0 6
T 3	14 57	18 30	4 11	19 59	1 25	23 58	1 27	0 4	1 12	13 23	1 16	6 1	2 25	22 26	0 27	1 37	1 36	24 1	7 52	17 14	17 17	0 20	10 41	0 6
F 4	15 16	20 5	3 24	20 27	1 31	24 9	1 29	0s11	1 12	13 22	1 15	6 2	2 25	22 26	0 27	1 36	1 36	24 2	7 52	17 17	17 17	0 23	10 44	0 6
S 5	15 34	20 26	2 26	20 55	1 37	24 19	1 31	0 26	1 12	13 21	1 15	6 2	2 24	22 27	0 27	1 36	1 36	24 2	7 53	17 18	17 18	0 25	10 47	0 6
S 6	15 53	19 38	1 22	21 21	1 42	24 28	1 34	0 41	1 12	13 20	1 15	6 3	2 24	22 27	0 27	1 35	1 36	24 2	7 53	17 18	17 19	0 27	10 50	0 5
M 7	16 11	17 52	0 16	21 46	1 47	24 37	1 36	0 56	1 12	13 19	1 15	6 4	2 24	22 27	0 27	1 35	1 36	24 2	7 53	17 18	17 20	0 29	10 52	0 5
T 8	16 29	15 18	0s49	22 10	1 52	24 45	1 38	1 11	1 12	13 17	1 15	6 4	2 24	22 27	0 27	1 34	1 36	24 2	7 53	17 18	17 21	0 31	10 55	0 5
W 9	16 46	12 7	1 51	22 32	1 57	24 52	1 40	1 26	1 12	13 16	1 14	6 5	2 24	22 27	0 27	1 34	1 36	24 3	7 54	17 19	17 22	0 34	10 58	0 4
T 10	17 3	8 29	2 46	22 54	2 2	24 59	1 43	1 41	1 12	13 15	1 14	6 5	2 24	22 27	0 27	1 33	1 36	24 3	7 54	17 19	17 23	0 36	11 1	0 4
F 11	17 20	4 33	3 34	23 15	2 6	25 5	1 45	1 56	1 12	13 13	1 14	6 5	2 23	22 27	0 27	1 33	1 36	24 3	7 54	17 21	17 24	0 38	11 3	0 4
S 12	17 37	0 27	4 13	23 34	2 10	25 10	1 47	2 11	1 12	13 12	1 14	6 6	2 23	22 27	0 27	1 32	1 36	24 3	7 55	17 23	17 24	0 40	11 6	0 3
S 13	17 53	3n41	4 41	23 52	2 14	25 14	1 48	2 25	1 12	13 10	1 14	6 6	2 23	22 28	0 27	1 32	1 36	24 4	7 55	17 26	17 25	0 42	11 9	0 3
M14	18 9	7 42	4 57	24 9	2 17	25 18	1 50	2 40	1 12	13 9	1 14	6 6	2 23	22 28	0 27	1 32	1 36	24 4	7 55	17 30	17 26	0 45	11 11	0 3
T 15	18 25	11 28	4 59	24 25	2 20	25 20	1 52	2 55	1 11	13 7	1 13	6 6	2 23	22 28	0 27	1 31	1 36	24 4	7 55	17 34	17 27	0 47	11 14	0 3
W16	18 40	14 48	4 48	24 39	2 23	25 22	1 54	3 10	1 11	13 5	1 13	6 7	2 22	22 28	0 27	1 31	1 36	24 4	7 56	17 37	17 28	0 49	11 17	0 2
T 17	18 55	17 31	4 23	24 52	2 25	25 24	1 56	3 25	1 11	13 4	1 13	6 7	2 22	22 28	0 27	1 30	1 36	24 5	7 56	17 41	17 29	0 51	11 19	0 2
F 18	19 10	19 28	3 46	25 3	2 27	25 24	1 57	3 39	1 11	13 2	1 13	6 7	2 22	22 29	0 27	1 30	1 36	24 5	7 56	17 44	17 30	0 53	11 22	0 2
S 19	19 24	20 28	2 56	25 14	2 28	25 24	1 59	3 54	1 11	13 0	1 13	6 7	2 22	22 29	0 27	1 30	1 36	24 5	7 57	17 46	17 31	0 56	11 24	0 1
S 20	19 38	20 26	1 57	25 22	2 29	25 23	2 0	4 9	1 11	12 58	1 12	6 7	2 22	22 29	0 27	1 29	1 36	24 6	7 57	17 47	17 31	0 58	11 27	0 1
M21	19 52	19 17	0 50	25 30	2 30	25 22	2 2	4 24	1 11	12 56	1 12	6 7	2 21	22 29	0 27	1 29	1 36	24 6	7 57	17 48	17 32	1 0	11 29	0 1
T 22	20 5	17 4	0n20	25 36	2 30	25 19	2 3	4 38	1 11	12 54	1 12	6 7	2 21	22 29	0 27	1 29	1 36	24 6	7 58	17 48	17 33	1 2	11 32	0 0
W23	20 18	13 52	1 31	25 40	2 29	25 16	2 4	4 53	1 11	12 52	1 12	6 6	2 21	22 30	0 27	1 28	1 36	24 7	7 58	17 48	17 34	1 5	11 35	0 0
T 24	20 30	9 50	2 38	25 43	2 27	25 12	2 5	5 7	1 10	12 49	1 12	6 6	2 21	22 30	0 27	1 28	1 36	24 7	7 58	17 48	17 35	1 7	11 37	0n 0
F 25	20 42	5 10	3 37	25 45	2 25	25 8	2 6	5 22	1 10	12 47	1 12	6 6	2 21	22 30	0 28	1 28	1 36	24 7	7 58	17 48	17 36	1 9	11 39	0 0
S 26	20 54	0 9	4 23	25 45	2 22	25 2	2 7	5 36	1 10	12 45	1 11	6 6	2 20	22 30	0 28	1 28	1 36	24 8	7 59	17 50	17 37	1 11	11 42	0 1
S 27	21 5	4s58	4 53	25 43	2 18	24 56	2 8	5 51	1 10	12 42	1 11	6 5	2 20	22 31	0 28	1 27	1 36	24 8	7 59	17 52	17 37	1 13	11 44	0 1
M28	21 16	9 50	5 3	25 40	2 14	24 49	2 9	6 5	1 10	12 40	1 11	6 5	2 20	22 31	0 28	1 27	1 36	24 8	7 59	17 54	17 38	1 16	11 47	0 1
T 29	21 27	14 6	4 53	25 36	2 8	24 42	2 10	6 19	1 10	12 37	1 11	6 5	2 20	22 31	0 28	1 27	1 35	24 9	8 0	17 57	17 39	1 18	11 49	0 2
W30	21s37	17s28	4n24	25s30	2s 1	24s33	2s10	6s34	1n10	12s35	1s11	6s 4	2s20	22n31	0n28	1n27	1s35	24n 9	8n 0	17n59	17n40	1n20	11s52	0n 2

Julian Day Number = 2342641.5, Delta T = 13.67 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'41, Lahiri = 19°41'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1701
geocentric

DECEMBER 1701 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 20	8♐38'57	23♐13	29♐24	18♑ 7	20♎ 6	0♓ 9	20♓ 6	19°R23	7°R18	14°R27	9°R 1	10♌19	14♈17	1♏16	T 1
F 2	4 42 16	9°39'54	7♑14	0♑ 1	19°19	20°44	0°16	20° 7	19♋22	7♈17	14♌27	8♌55	10°16	14°23	1°24	F 2
S 3	4 46 13	10°40'52	20°49	0°32	20°31	21°21	0°24	20° 8	19°20	7°17	14°27	8°51	10°13	14°30	1°31	S 3
S 4	4 50 9	11°41'50	3♒57	0°54	21°43	21°58	0°31	20° 9	19°18	7°16	14°26	8°D49	10°10	14°37	1°39	S 4
M 5	4 54 6	12°42'50	16°41	1° 7	22°55	22°35	0°39	20°10	19°16	7°16	14°26	8°49	10° 7	14°43	1°46	M 5
T 6	4 58 2	13°43'50	29° 5	1°R11	24° 7	23°13	0°47	20°11	19°14	7°15	14°25	8°50	10° 3	14°50	1°53	T 6
W 7	5 1 59	14°44'50	11♓12	1° 4	25°19	23°50	0°55	20°13	19°12	7°15	14°24	8°R51	10° 0	14°57	2° 1	W 7
T 8	5 5 56	15°45'51	23° 9	0°45	26°31	24°27	1° 3	20°14	19°10	7°15	14°24	8°51	9°57	15° 4	2° 8	T 8
F 9	5 9 52	16°46'53	5♈ 0	0°16	27°42	25° 4	1°11	20°16	19° 8	7°14	14°23	8°49	9°54	15°10	2°15	F 9
S 10	5 13 49	17°47'55	16°51	29♐35	28°54	25°42	1°19	20°17	19° 6	7°14	14°23	8°44	9°51	15°17	2°22	S 10
S 11	5 17 45	18°48'57	28°46	28°42	0♒ 5	26°19	1°28	20°19	19° 4	7°14	14°22	8°38	9°47	15°24	2°29	S 11
M12	5 21 42	19°50'00	10♉48	27°40	1°17	26°56	1°37	20°21	19° 2	7°13	14°21	8°30	9°44	15°30	2°36	M12
T 13	5 25 38	20°51'04	23° 1	26°29	2°28	27°33	1°46	20°23	18°59	7°13	14°20	8°21	9°41	15°37	2°43	T 13
W14	5 29 35	21°52'08	5♊25	25°11	3°39	28°10	1°55	20°25	18°57	7°13	14°20	8°11	9°38	15°44	2°49	W14
T 15	5 33 31	22°53'13	18° 3	23°50	4°51	28°47	2° 4	20°28	18°55	7°13	14°19	8° 3	9°35	15°50	2°56	T 15
F 16	5 37 28	23°54'18	0♋53	22°27	6° 2	29°24	2°13	20°30	18°53	7°13	14°18	7°56	9°32	15°57	3° 3	F 16
S 17	5 41 25	24°55'24	13°56	21° 5	7°13	0♏ 1	2°22	20°32	18°50	7°13	14°17	7°51	9°28	16° 4	3° 9	S 17
S 18	5 45 21	25°56'31	27°11	19°48	8°23	0°39	2°32	20°35	18°48	7°13	14°16	7°49	9°25	16°11	3°16	S 18
M19	5 49 18	26°57'38	10♌36	18°37	9°34	1°16	2°41	20°37	18°46	7°D13	14°16	7°D48	9°22	16°17	3°22	M19
T 20	5 53 14	27°58'45	24°12	17°35	10°45	1°53	2°51	20°40	18°43	7°13	14°15	7°49	9°19	16°24	3°29	T 20
W21	5 57 11	28°59'54	7♍58	16°42	11°55	2°30	3° 1	20°43	18°41	7°13	14°14	7°51	9°16	16°31	3°35	W21
T 22	6 1 7	0♑ 1'02	21°54	15°59	13° 6	3° 7	3°11	20°46	18°39	7°13	14°13	7°52	9°13	16°37	3°41	T 22
F 23	6 5 4	1° 2'12	6♎ 0	15°27	14°16	3°44	3°21	20°49	18°36	7°13	14°12	7°R52	9° 9	16°44	3°47	F 23
S 24	6 9 0	2° 3'22	20°13	15° 6	15°26	4°21	3°32	20°52	18°34	7°13	14°11	7°51	9° 6	16°51	3°53	S 24
S 25	6 12 57	3° 4'32	4♏32	14°55	16°36	4°57	3°42	20°55	18°31	7°13	14°10	7°48	9° 3	16°58	3°59	S 25
M26	6 16 54	4° 5'43	18°54	14°D53	17°46	5°34	3°52	20°59	18°29	7°14	14° 9	7°43	9° 0	17° 4	4° 5	M26
T 27	6 20 50	5° 6'55	3♐14	15° 1	18°56	6°11	4° 3	21° 2	18°26	7°14	14° 8	7°38	8°57	17°11	4°11	T 27
W28	6 24 47	6° 8'06	17°27	15°17	20° 6	6°48	4°14	21° 5	18°24	7°14	14° 7	7°33	8°53	17°18	4°17	W28
T 29	6 28 43	7° 9'18	1♑28	15°41	21°16	7°25	4°25	21° 9	18°21	7°14	14° 6	7°28	8°50	17°24	4°22	T 29
F 30	6 32 40	8°10'30	15°12	16°11	22°25	8° 2	4°36	21°13	18°19	7°15	14° 5	7°25	8°47	17°31	4°28	F 30
S 31	6 36 36	9♑11'42	28♑36	16♐48	23♒34	8♏39	4♓47	21♓17	18♋16	7♈15	14♌ 4	7♌23	8♌44	17♈38	4♏33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s47	19s40	3n38	25s22	1s54	24s25	2s11	6s48	1n 9	12s32	1s11	6s 4	2s19	22n32	0n28	1n26	1s35	24n10	8n 0	18n 2	17n41	1n22	11s54	0n 2
F 2	21 56	20 37	2 40	25 13	1 45	24 15	2 11	7 2	1 9	12 29	1 10	6 3	2 19	22 32	0 28	1 26	1 35	24 10	8 0	18 3	17 42	1 25	11 56	0 3
S 3	22 5	20 18	1 35	25 3	1 34	24 4	2 12	7 16	1 9	12 27	1 10	6 3	2 19	22 32	0 28	1 26	1 35	24 10	8 1	18 4	17 43	1 27	11 59	0 3
S 4	22 13	18 52	0 26	24 51	1 23	23 53	2 12	7 30	1 9	12 24	1 10	6 2	2 19	22 33	0 28	1 26	1 35	24 11	8 1	18 5	17 43	1 29	12 1	0 3
M 5	22 21	16 32	0s42	24 38	1 10	23 42	2 12	7 44	1 9	12 21	1 10	6 1	2 18	22 33	0 28	1 26	1 35	24 11	8 1	18 5	17 44	1 31	12 3	0 4
T 6	22 29	13 28	1 47	24 24	0 55	23 29	2 12	7 58	1 9	12 18	1 10	6 1	2 18	22 33	0 28	1 26	1 35	24 12	8 2	18 5	17 45	1 33	12 5	0 4
W 7	22 36	9 55	2 45	24 8	0 40	23 16	2 12	8 12	1 8	12 15	1 10	6 0	2 18	22 33	0 28	1 26	1 35	24 12	8 2	18 4	17 46	1 36	12 7	0 4
T 8	22 43	6 1	3 35	23 51	0 23	23 3	2 12	8 26	1 8	12 12	1 9	5 59	2 18	22 34	0 28	1 25	1 35	24 12	8 2	18 4	17 47	1 38	12 10	0 4
F 9	22 49	1 55	4 16	23 33	0 4	22 48	2 12	8 40	1 8	12 9	1 9	5 58	2 18	22 34	0 28	1 25	1 35	24 13	8 2	18 5	17 48	1 40	12 12	0 5
S 10	22 55	2n15	4 45	23 14	0n15	22 33	2 11	8 54	1 8	12 6	1 9	5 57	2 17	22 34	0 28	1 25	1 35	24 13	8 3	18 6	17 49	1 42	12 14	0 5
S 11	23 0	6 20	5 2	22 54	0 35	22 18	2 11	9 7	1 8	12 3	1 9	5 57	2 17	22 35	0 28	1 25	1 35	24 14	8 3	18 8	17 49	1 45	12 16	0 5
M12	23 5	10 14	5 7	22 32	0 55	22 1	2 10	9 21	1 7	11 59	1 9	5 56	2 17	22 35	0 28	1 25	1 35	24 14	8 3	18 10	17 50	1 47	12 18	0 6
T 13	23 10	13 46	4 57	22 11	1 15	21 45	2 10	9 34	1 7	11 56	1 9	5 55	2 17	22 35	0 28	1 25	1 35	24 15	8 3	18 12	17 51	1 49	12 20	0 6
W14	23 14	16 45	4 33	21 49	1 34	21 27	2 9	9 48	1 7	11 53	1 8	5 54	2 17	22 36	0 28	1 25	1 35	24 15	8 4	18 15	17 52	1 51	12 22	0 6
T 15	23 17	19 1	3 56	21 27	1 53	21 9	2 8	10 1	1 7	11 49	1 8	5 53	2 16	22 36	0 28	1 25	1 35	24 16	8 4	18 17	17 53	1 54	12 24	0 7
F 16	23 20	20 22	3 6	21 6	2 9	20 51	2 7	10 15	1 7	11 46	1 8	5 51	2 16	22 36	0 28	1 25	1 35	24 16	8 4	18 19	17 54	1 56	12 26	0 7
S 17	23 23	20 40	2 6	20 47	2 24	20 32	2 6	10 28	1 6	11 42	1 8	5 50	2 16	22 37	0 28	1 25	1 35	24 17	8 4	18 20	17 55	1 58	12 28	0 7
S 18	23 25	19 49	0 57	20 29	2 37	20 12	2 5	10 41	1 6	11 39	1 8	5 49	2 16	22 37	0 28	1 25	1 35	24 17	8 5	18 21	17 55	2 0	12 30	0 8
M19	23 26	17 51	0n15	20 13	2 47	19 52	2 3	10 54	1 6	11 35	1 8	5 48	2 16	22 37	0 28	1 25	1 35	24 18	8 5	18 21	17 56	2 3	12 32	0 8
T 20	23 28	14 51	1 28	20 0	2 55	19 31	2 2	11 7	1 6	11 31	1 8	5 47	2 15	22 38	0 28	1 25	1 35	24 18	8 5	18 21	17 57	2 5	12 34	0 8
W21	23 28	11 1	2 37	19 49	3 0	19 10	2 0	11 20	1 5	11 28	1 8	5 45	2 15	22 38	0 28	1 25	1 34	24 19	8 5	18 20	17 58	2 7	12 36	0 9
T 22	23 29	6 32	3 37	19 42	3 3	18 49	1 59	11 33	1 5	11 24	1 7	5 44	2 15	22 38	0 28	1 25	1 34	24 19	8 6	18 20	17 59	2 9	12 37	0 9
F 23	23 28	1 40	4 25	19 37	3 5	18 26	1 57	11 46	1 5	11 20	1 7	5 43	2 15	22 39	0 28	1 25	1 34	24 20	8 6	18 20	18 0	2 11	12 39	0 9
S 24	23 28	3s20	4 57	19 36	3 4	18 4	1 55	11 58	1 5	11 16	1 7	5 41	2 15	22 39	0 28	1 26	1 34	24 20	8 6	18 20	18 0	2 14	12 41	0 10
S 25	23 26	8 10	5 11	19 37	3 2	17 41	1 53	12 11	1 4	11 12	1 7	5 40	2 14	22 40	0 28	1 26	1 34	24 21	8 6	18 21	18 1	2 16	12 43	0 10
M26	23 25	12 34	5 6	19 40	2 58	17 17	1 51	12 24	1 4	11 8	1 7	5 38	2 14	22 40	0 28	1 26	1 34	24 21	8 7	18 22	18 2	2 18	12 44	0 10
T 27	23 23	16 14	4 41	19 46	2 53	16 54	1 49	12 36	1 4	11 4	1 7	5 37	2 14	22 40	0 28	1 26	1 34	24 22	8 7	18 23	18 3	2 20	12 46	0 11
W28	23 20	18 55	4 0	19 53	2 47	16 29	1 47	12 48	1 3	11 0	1 7	5 35	2 14	22 41	0 28	1 26	1 34	24 22	8 7	18 25	18 4	2 23	12 48	0 11
T 29	23 17	20 24	3 4	20 2	2 41	16 5	1 44	13 1	1 3	10 56	1 6	5 34	2 14	22 41	0 28	1 26	1 34	24 23	8 7	18 26	18 5	2 25	12 49	0 11
F 30	23 13	20 39	1 59	20 13	2 34	15 40	1 41	13 13	1 3	10 52	1 6	5 32	2 13	22 41	0 28	1 26	1 34	24 23	8 7	18 27	18 5	2 27	12 51	0 12
S 31	23s 9	19s41	0n48	20s24	2n26	15s14	1s39	13s25	1n 3	10s48	1s 6	5s30	2s13	22n42	0n28	1n27	1s34	24n24	8n 8	18n27	18n 6	2n29	12s52	0n12

Julian Day Number = 2342671.5, Delta T = 13.65 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'45, Lahiri = 19°41'46Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1702
geocentric

JANUARY 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 33	10♉12'54	11♒40	17♐30	24♒43	9♏15	4♓58	21♓20	18°R13	7♈16	14°R 2	7°D23	8♌41	17♈45	4♏39	S 1
M 2	6 44 30	11°14'05	24°23	18°17	25°52	9°52	5° 9	21°24	18♋11	7°16	14♌ 1	7♌24	8°38	17°51	4°44	M 2
T 3	6 48 26	12°15'17	6♓48	19° 9	27° 1	10°29	5°20	21°28	18° 8	7°17	14° 0	7°26	8°34	17°58	4°49	T 3
W 4	6 52 23	13°16'27	18°58	20° 5	28°10	11° 5	5°32	21°33	18° 6	7°17	13°59	7°28	8°31	18° 5	4°54	W 4
T 5	6 56 19	14°17'37	0♈58	21° 4	29°18	11°42	5°43	21°37	18° 3	7°18	13°58	7°29	8°28	18°11	4°59	T 5
F 6	7 0 16	15°18'47	12°51	22° 6	0♓27	12°19	5°55	21°41	18° 1	7°18	13°56	7°R30	8°25	18°18	5° 4	F 6
S 7	7 4 12	16°19'56	24°43	23°11	1°35	12°55	6° 7	21°45	17°58	7°19	13°55	7°29	8°22	18°25	5° 9	S 7
S 8	7 8 9	17°21'05	6♉38	24°18	2°43	13°32	6°19	21°50	17°55	7°20	13°54	7°28	8°19	18°32	5°14	S 8
M 9	7 12 5	18°22'13	18°42	25°28	3°50	14° 8	6°31	21°54	17°53	7°20	13°53	7°26	8°15	18°38	5°18	M 9
T 10	7 16 2	19°23'20	0♊57	26°40	4°58	14°45	6°43	21°59	17°50	7°21	13°51	7°23	8°12	18°45	5°23	T 10
W11	7 19 59	20°24'27	13°28	27°54	6° 5	15°21	6°55	22° 4	17°47	7°22	13°50	7°21	8° 9	18°52	5°27	W11
T 12	7 23 55	21°25'33	26°16	29° 9	7°12	15°58	7° 7	22° 9	17°45	7°23	13°49	7°18	8° 6	18°58	5°32	T 12
F 13	7 27 52	22°26'39	9♋22	0♉26	8°19	16°34	7°19	22°13	17°42	7°24	13°48	7°16	8° 3	19° 5	5°36	F 13
S 14	7 31 48	23°27'44	22°46	1°44	9°26	17°10	7°32	22°18	17°40	7°25	13°46	7°15	7°59	19°12	5°40	S 14
S 15	7 35 45	24°28'48	6♌26	3° 4	10°32	17°47	7°44	22°23	17°37	7°25	13°45	7°D15	7°56	19°19	5°44	S 15
M16	7 39 41	25°29'52	20°20	4°25	11°38	18°23	7°57	22°29	17°34	7°26	13°44	7°15	7°53	19°25	5°48	M16
T 17	7 43 38	26°30'55	4♍23	5°46	12°44	18°59	8° 9	22°34	17°32	7°27	13°42	7°16	7°50	19°32	5°52	T 17
W18	7 47 34	27°31'58	18°34	7° 9	13°50	19°36	8°22	22°39	17°29	7°28	13°41	7°16	7°47	19°39	5°56	W18
T 19	7 51 31	28°33'00	2♎48	8°33	14°55	20°12	8°35	22°44	17°27	7°29	13°39	7°17	7°44	19°46	5°59	T 19
F 20	7 55 28	29°34'02	17° 2	9°58	16° 0	20°48	8°47	22°50	17°24	7°31	13°38	7°18	7°40	19°52	6° 3	F 20
S 21	7 59 24	0♒35'03	1♏14	11°24	17° 5	21°24	9° 0	22°55	17°22	7°32	13°37	7°R18	7°37	19°59	6° 6	S 21
S 22	8 3 21	1°36'04	15°22	12°50	18° 9	22° 0	9°13	23° 1	17°19	7°33	13°35	7°18	7°34	20° 6	6° 9	S 22
M23	8 7 17	2°37'04	29°24	14°17	19°14	22°36	9°26	23° 6	17°17	7°34	13°34	7°17	7°31	20°12	6°13	M23
T 24	8 11 14	3°38'04	13♐17	15°46	20°17	23°12	9°39	23°12	17°14	7°35	13°32	7°17	7°28	20°19	6°16	T 24
W25	8 15 10	4°39'03	27° 0	17°14	21°21	23°48	9°53	23°18	17°12	7°36	13°31	7°17	7°25	20°26	6°19	W25
T 26	8 19 7	5°40'01	10♑31	18°44	22°24	24°24	10° 6	23°23	17° 9	7°38	13°30	7°16	7°21	20°33	6°21	T 26
F 27	8 23 3	6°40'58	23°50	20°15	23°27	25° 0	10°19	23°29	17° 7	7°39	13°28	7°16	7°18	20°39	6°24	F 27
S 28	8 27 0	7°41'55	6♒54	21°46	24°30	25°36	10°32	23°35	17° 4	7°40	13°27	7°16	7°15	20°46	6°27	S 28
S 29	8 30 57	8°42'50	19°43	23°18	25°32	26°11	10°46	23°41	17° 2	7°42	13°25	7°16	7°12	20°53	6°29	S 29
M30	8 34 53	9°43'44	2♓17	24°50	26°34	26°47	10°59	23°47	17° 0	7°43	13°24	7°16	7° 9	20°59	6°32	M30
T 31	8 38 50	10♒44'37	14♓38	26♑24	27♓35	27♏23	11♓13	23♓53	16♋57	7♈44	13♌23	7♌16	7♌ 5	21♈ 6	6♏34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 5	17s41	0s23	20s36	2n18	14s48	1s36	13s37	1n 2	10s44	1s 6	5s29	2s13	22n42	0n28	1n27	1s34	24n24	8n 8	18n27	18n 7	2n32	12s54	0n12
M 2	23 0	14 52	1 32	20 49	2 9	14 22	1 33	13 49	1 2	10 40	1 6	5 27	2 13	22 42	0 28	1 27	1 34	24 25	8 8	18 27	18 8	2 34	12 55	0 13
T 3	22 55	11 25	2 35	21 2	2 1	13 56	1 30	14 1	1 2	10 35	1 6	5 25	2 13	22 43	0 28	1 27	1 34	24 26	8 8	18 27	18 9	2 36	12 57	0 13
W 4	22 49	7 34	3 29	21 15	1 52	13 29	1 27	14 12	1 1	10 31	1 6	5 23	2 13	22 43	0 28	1 28	1 34	24 26	8 8	18 26	18 10	2 38	12 58	0 13
T 5	22 43	3 29	4 13	21 28	1 43	13 2	1 24	14 24	1 1	10 27	1 6	5 21	2 12	22 43	0 28	1 28	1 34	24 27	8 9	18 26	18 10	2 41	12 59	0 14
F 6	22 36	0n41	4 47	21 41	1 34	12 35	1 20	14 36	1 1	10 22	1 6	5 20	2 12	22 44	0 28	1 28	1 34	24 27	8 9	18 26	18 11	2 43	13 1	0 14
S 7	22 29	4 49	5 7	21 54	1 25	12 7	1 17	14 47	1 0	10 18	1 6	5 18	2 12	22 44	0 28	1 29	1 34	24 28	8 9	18 26	18 12	2 45	13 2	0 14
S 8	22 21	8 47	5 15	22 6	1 15	11 40	1 13	14 58	1 0	10 13	1 5	5 16	2 12	22 45	0 28	1 29	1 34	24 28	8 9	18 26	18 13	2 47	13 3	0 15
M 9	22 13	12 27	5 9	22 18	1 6	11 12	1 9	15 10	0 59	10 9	1 5	5 14	2 12	22 45	0 28	1 29	1 34	24 29	8 9	18 26	18 14	2 50	13 4	0 15
T 10	22 4	15 40	4 49	22 29	0 57	10 43	1 6	15 21	0 59	10 4	1 5	5 12	2 12	22 45	0 28	1 30	1 33	24 29	8 10	18 27	18 15	2 52	13 6	0 15
W11	21 55	18 14	4 15	22 39	0 49	10 15	1 2	15 32	0 59	10 0	1 5	5 10	2 11	22 46	0 28	1 30	1 33	24 30	8 10	18 28	18 15	2 54	13 7	0 16
T 12	21 46	19 58	3 28	22 49	0 40	9 46	0 57	15 43	0 58	9 55	1 5	5 8	2 11	22 46	0 28	1 30	1 33	24 30	8 10	18 28	18 16	2 56	13 8	0 16
F 13	21 36	20 41	2 28	22 58	0 31	9 17	0 53	15 53	0 58	9 50	1 5	5 6	2 11	22 46	0 28	1 31	1 33	24 31	8 10	18 29	18 17	2 59	13 9	0 17
S 14	21 26	20 15	1 19	23 5	0 22	8 48	0 49	16 4	0 58	9 46	1 5	5 4	2 11	22 47	0 28	1 31	1 33	24 32	8 10	18 29	18 18	3 1	13 10	0 17
S 15	21 15	18 37	0 4	23 12	0 14	8 19	0 44	16 15	0 57	9 41	1 5	5 1	2 11	22 47	0 28	1 31	1 33	24 32	8 10	18 29	18 19	3 3	13 11	0 17
M16	21 4	15 52	1n12	23 18	0 6	7 49	0 40	16 25	0 57	9 36	1 5	4 59	2 11	22 47	0 28	1 32	1 33	24 33	8 11	18 29	18 20	3 5	13 12	0 18
T 17	20 53	12 10	2 25	23 23	0s 2	7 20	0 35	16 35	0 56	9 31	1 5	4 57	2 10	22 48	0 28	1 32	1 33	24 33	8 11	18 29	18 20	3 8	13 13	0 18
W18	20 41	7 44	3 29	23 27	0 10	6 50	0 30	16 46	0 56	9 27	1 5	4 55	2 10	22 48	0 28	1 33	1 33	24 34	8 11	18 29	18 21	3 10	13 14	0 18
T 19	20 29	2 53	4 22	23 30	0 18	6 21	0 26	16 56	0 55	9 22	1 4	4 53	2 10	22 48	0 28	1 33	1 33	24 34	8 11	18 29	18 22	3 12	13 15	0 19
F 20	20 16	2s 7	4 58	23 31	0 25	5 51	0 21	17 6	0 55	9 17	1 4	4 50	2 10	22 49	0 28	1 34	1 33	24 35	8 11	18 29	18 23	3 15	13 15	0 19
S 21	20 3	7 0	5 15	23 32	0 33	5 21	0 15	17 16	0 54	9 12	1 4	4 48	2 10	22 49	0 28	1 34	1 33	24 35	8 11	18 29	18 24	3 17	13 16	0 19
S 22	19 50	11 28	5 14	23 31	0 40	4 51	0 10	17 26	0 54	9 7	1 4	4 46	2 10	22 49	0 28	1 35	1 33	24 36	8 11	18 29	18 24	3 19	13 17	0 20
M23	19 36	15 16	4 54	23 29	0 47	4 21	0 5	17 35	0 54	9 2	1 4	4 43	2 10	22 50	0 28	1 35	1 33	24 36	8 12	18 29	18 25	3 21	13 18	0 20
T 24	19 22	18 11	4 17	23 25	0 53	3 51	0n 0	17 45	0 53	8 57	1 4	4 41	2 9	22 50	0 28	1 36	1 33	24 37	8 12	18 29	18 26	3 24	13 18	0 21
W25	19 8	20 1	3 25	23 21	1 0	3 21	0 6	17 54	0 53	8 52	1 4	4 39	2 9	22 50	0 28	1 36	1 33	24 38	8 12	18 29	18 27	3 26	13 19	0 21
T 26	18 53	20 41	2 23	23 15	1 6	2 50	0 12	18 4	0 52	8 47	1 4	4 36	2 9	22 51	0 28	1 37	1 33	24 38	8 12	18 29	18 28	3 28	13 20	0 21
F 27	18 38	20 9	1 14	23 8	1 12	2 20	0 17	18 13	0 52	8 42	1 4	4 34	2 9	22 51	0 28	1 37	1 33	24 39	8 12	18 29	18 28	3 30	13 20	0 22
S 28	18 22	18 33	0 2	22 59	1 17	1 50	0 23	18 22	0 51	8 37	1 4	4 31	2 9	22 51	0 28	1 38	1 33	24 39	8 12	18 29	18 29	3 33	13 21	0 22
S 29	18 7	16 1	1s 8	22 49	1 23	1 20	0 29	18 31	0 50	8 31	1 4	4 29	2 9	22 52	0 28	1 38	1 33	24 40	8 12	18 29	18 30	3 35	13 21	0 22
M30	17 50	12 46	2 14	22 38	1 28	0 50	0 35	18 40	0 50	8 26	1 4	4 26	2 9	22 52	0 28	1 39	1 33	24 40	8 12	18 29	18 31	3 37	13 21	0 23
T 31	17s34	9s 1	3s13	22s25	1s33	0s20	0n41	18s48	0n49	8s21	1s 4	4s24	2s 9	22n52	0n28	1n40	1s33	24n41	8n12	18n29	18n32	3n39	13s22	0n23

Julian Day Number = 2342702.5, Delta T = 13.62 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'49, Lahiri = 19°41'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

FEBRUARY 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 42 46	11♒45'28	26♓46	27♑58	28♓36	27♏58	11♓26	23♓59	16°R55	7♈46	13°R21	7°R15	7♌ 2	21♈13	6♏36	W 1
T 2	8 46 43	12°46'18	8♈46	29°32	29°36	28°34	11°40	24° 5	16♋53	7°47	13♌20	7♌15	6°59	21°20	6°38	T 2
F 3	8 50 39	13°47'07	20°39	1♒ 8	0♈37	29°10	11°54	24°12	16°51	7°49	13°18	7°14	6°56	21°26	6°40	F 3
S 4	8 54 36	14°47'54	2♉31	2°44	1°36	29°45	12° 7	24°18	16°48	7°50	13°17	7°13	6°53	21°33	6°42	S 4
S 5	8 58 32	15°48'39	14°26	4°22	2°35	0♐20	12°21	24°24	16°46	7°52	13°15	7°D13	6°50	21°40	6°43	S 5
M 6	9 2 29	16°49'23	26°28	5°59	3°34	0°56	12°35	24°31	16°44	7°53	13°14	7°13	6°46	21°46	6°45	M 6
T 7	9 6 26	17°50'06	8♊41	7°38	4°32	1°31	12°49	24°37	16°42	7°55	13°12	7°14	6°43	21°53	6°47	T 7
W 8	9 10 22	18°50'47	21°12	9°18	5°30	2° 6	13° 3	24°44	16°40	7°57	13°11	7°15	6°40	22° 0	6°48	W 8
T 9	9 14 19	19°51'26	4♋ 2	10°58	6°27	2°42	13°17	24°50	16°38	7°58	13°10	7°16	6°37	22° 7	6°49	T 9
F 10	9 18 15	20°52'03	17°15	12°39	7°24	3°17	13°31	24°57	16°36	8° 0	13° 8	7°17	6°34	22°13	6°50	F 10
S 11	9 22 12	21°52'39	0♌51	14°21	8°20	3°52	13°45	25° 3	16°34	8° 2	13° 7	7°R18	6°31	22°20	6°51	S 11
S 12	9 26 8	22°53'14	14°50	16° 4	9°15	4°27	13°59	25°10	16°32	8° 3	13° 5	7°18	6°27	22°27	6°52	S 12
M13	9 30 5	23°53'46	29° 8	17°48	10°10	5° 2	14°13	25°17	16°30	8° 5	13° 4	7°17	6°24	22°33	6°53	M13
T 14	9 34 1	24°54'18	13♍41	19°33	11° 4	5°37	14°27	25°24	16°28	8° 7	13° 2	7°15	6°21	22°40	6°53	T 14
W15	9 37 58	25°54'47	28°22	21°19	11°57	6°11	14°41	25°30	16°26	8° 9	13° 1	7°13	6°18	22°47	6°54	W15
T 16	9 41 55	26°55'15	13♎ 4	23° 5	12°50	6°46	14°55	25°37	16°24	8°10	13° 0	7°10	6°15	22°54	6°54	T 16
F 17	9 45 51	27°55'42	27°40	24°53	13°42	7°21	15° 9	25°44	16°22	8°12	12°58	7° 8	6°11	23° 0	6°55	F 17
S 18	9 49 48	28°56'08	12♏ 5	26°41	14°33	7°56	15°24	25°51	16°21	8°14	12°57	7° 6	6° 8	23° 7	6°55	S 18
S 19	9 53 44	29°56'32	26°16	28°31	15°23	8°30	15°38	25°58	16°19	8°16	12°56	7°D 5	6° 5	23°14	6°R55	S 19
M20	9 57 41	0♓56'55	10♐10	0♓21	16°13	9° 5	15°52	26° 5	16°17	8°18	12°54	7° 5	6° 2	23°20	6°55	M20
T 21	10 1 37	1°57'17	23°48	2°12	17° 2	9°39	16° 7	26°12	16°16	8°20	12°53	7° 6	5°59	23°27	6°55	T 21
W22	10 5 34	2°57'37	7♑10	4° 4	17°50	10°13	16°21	26°19	16°14	8°22	12°52	7° 8	5°56	23°34	6°54	W22
T 23	10 9 30	3°57'56	20°17	5°57	18°37	10°48	16°35	26°26	16°13	8°23	12°50	7° 9	5°52	23°41	6°54	T 23
F 24	10 13 27	4°58'13	3♒11	7°50	19°23	11°22	16°50	26°33	16°11	8°25	12°49	7°R10	5°49	23°47	6°53	F 24
S 25	10 17 24	5°58'28	15°53	9°45	20° 8	11°56	17° 4	26°40	16°10	8°27	12°48	7°10	5°46	23°54	6°53	S 25
S 26	10 21 20	6°58'42	28°23	11°39	20°52	12°30	17°19	26°48	16° 8	8°29	12°46	7° 8	5°43	24° 1	6°52	S 26
M27	10 25 17	7°58'54	10♓43	13°35	21°35	13° 4	17°33	26°55	16° 7	8°31	12°45	7° 5	5°40	24° 8	6°51	M27
T 28	10 29 13	8♓59'04	22♓55	15♓30	22♈17	13♐38	17♓48	27♓ 2	16♋ 6	8♈33	12♌44	7♌ 0	5♌36	24♈14	6♏50	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s17	4s59	4s 1	22s11	1s37	0n10	0n48	18s57	0n49	8s16	1s 4	4s21	2s 8	22n52	0n28	1n40	1s33	24n41	8n12	18n29	18n33	3n42	13s22	0n24	W 1
T 2	17 0	0 47	4 39	21 56	1 41	0 40	0 54	19 5	0 48	8 11	1 4	4 19	2 8	22 53	0 28	1 41	1 32	24 42	8 13	18 29	18 33	3 44	13 23	0 24	T 2
F 3	16 43	3n23	5 4	21 39	1 45	1 10	1 1	19 14	0 48	8 5	1 4	4 16	2 8	22 53	0 28	1 41	1 32	24 42	8 13	18 30	18 34	3 46	13 23	0 24	F 3
S 4	16 25	7 25	5 16	21 21	1 49	1 40	1 7	19 22	0 47	8 0	1 3	4 14	2 8	22 53	0 28	1 42	1 32	24 43	8 13	18 30	18 35	3 49	13 23	0 25	S 4
S 5	16 7	11 11	5 14	21 1	1 52	2 10	1 14	19 30	0 46	7 55	1 3	4 11	2 8	22 54	0 28	1 43	1 32	24 43	8 13	18 30	18 36	3 51	13 23	0 25	S 5
M 6	15 49	14 32	4 59	20 40	1 55	2 39	1 20	19 38	0 46	7 49	1 3	4 8	2 8	22 54	0 28	1 43	1 32	24 44	8 13	18 30	18 37	3 53	13 23	0 25	M 6
T 7	15 31	17 20	4 31	20 17	1 58	3 8	1 27	19 46	0 45	7 44	1 3	4 6	2 8	22 54	0 28	1 44	1 32	24 44	8 13	18 30	18 37	3 55	13 23	0 26	T 7
W 8	15 12	19 23	3 48	19 53	2 0	3 38	1 34	19 53	0 45	7 39	1 3	4 3	2 8	22 54	0 28	1 45	1 32	24 45	8 13	18 29	18 38	3 58	13 24	0 26	W 8
T 9	14 53	20 31	2 54	19 28	2 2	4 7	1 41	20 1	0 44	7 33	1 3	4 0	2 8	22 55	0 28	1 45	1 32	24 45	8 13	18 29	18 39	4 0	13 24	0 27	T 9
F 10	14 34	20 34	1 49	19 1	2 4	4 36	1 48	20 8	0 43	7 28	1 3	3 58	2 8	22 55	0 28	1 46	1 32	24 46	8 13	18 29	18 40	4 2	13 24	0 27	F 10
S 11	14 14	19 25	0 36	18 32	2 5	5 5	1 56	20 16	0 43	7 22	1 3	3 55	2 7	22 55	0 28	1 47	1 32	24 46	8 13	18 29	18 40	4 4	13 24	0 27	S 11
S 12	13 55	17 4	0n42	18 2	2 5	5 33	2 3	20 23	0 42	7 17	1 3	3 52	2 7	22 55	0 28	1 47	1 32	24 47	8 13	18 29	18 41	4 7	13 23	0 28	S 12
M13	13 35	13 38	1 58	17 31	2 6	6 1	2 10	20 30	0 41	7 12	1 3	3 50	2 7	22 56	0 28	1 48	1 32	24 47	8 13	18 29	18 42	4 9	13 23	0 28	M13
T 14	13 14	9 19	3 8	16 58	2 6	6 29	2 18	20 37	0 40	7 6	1 3	3 47	2 7	22 56	0 28	1 49	1 32	24 47	8 13	18 29	18 43	4 11	13 23	0 29	T 14
W15	12 54	4 24	4 6	16 24	2 5	6 57	2 25	20 43	0 40	7 1	1 3	3 44	2 7	22 56	0 28	1 50	1 32	24 48	8 13	18 30	18 44	4 13	13 23	0 29	W15
T 16	12 33	0s45	4 48	15 48	2 4	7 25	2 33	20 50	0 39	6 55	1 3	3 41	2 7	22 56	0 28	1 50	1 32	24 48	8 13	18 31	18 44	4 16	13 23	0 29	T 16
F 17	12 13	5 49	5 11	15 10	2 3	7 52	2 40	20 57	0 38	6 50	1 3	3 38	2 7	22 56	0 28	1 51	1 32	24 49	8 13	18 31	18 45	4 18	13 22	0 30	F 17
S 18	11 52	10 30	5 14	14 32	2 1	8 19	2 48	21 3	0 37	6 44	1 3	3 36	2 7	22 57	0 28	1 52	1 32	24 49	8 13	18 32	18 46	4 20	13 22	0 30	S 18
S 19	11 31	14 31	4 58	13 51	1 58	8 46	2 56	21 9	0 37	6 38	1 3	3 33	2 7	22 57	0 28	1 52	1 32	24 50	8 13	18 32	18 47	4 23	13 22	0 31	S 19
M20	11 9	17 39	4 24	13 10	1 55	9 12	3 3	21 15	0 36	6 33	1 3	3 30	2 7	22 57	0 28	1 53	1 32	24 50	8 13	18 32	18 48	4 25	13 21	0 31	M20
T 21	10 48	19 44	3 36	12 27	1 52	9 39	3 11	21 21	0 35	6 27	1 3	3 27	2 7	22 57	0 28	1 54	1 32	24 50	8 13	18 32	18 48	4 27	13 21	0 31	T 21
W22	10 26	20 40	2 37	11 42	1 48	10 4	3 19	21 27	0 34	6 22	1 3	3 24	2 7	22 57	0 28	1 55	1 32	24 51	8 13	18 31	18 49	4 29	13 20	0 32	W22
T 23	10 4	20 26	1 31	10 56	1 43	10 30	3 27	21 33	0 33	6 16	1 3	3 21	2 7	22 58	0 28	1 56	1 32	24 51	8 13	18 31	18 50	4 32	13 20	0 32	T 23
F 24	9 42	19 7	0 22	10 9	1 38	10 55	3 35	21 38	0 33	6 10	1 3	3 18	2 7	22 58	0 28	1 56	1 32	24 52	8 13	18 30	18 51	4 34	13 19	0 33	F 24
S 25	9 20	16 52	0s48	9 21	1 32	11 19	3 43	21 44	0 32	6 5	1 3	3 16	2 7	22 58	0 28	1 57	1 32	24 52	8 13	18 31	18 52	4 36	13 19	0 33	S 25
S 26	8 58	13 50	1 54	8 31	1 26	11 44	3 51	21 49	0 31	5 59	1 3	3 13	2 7	22 58	0 28	1 58	1 32	24 52	8 13	18 31	18 52	4 39	13 18	0 33	S 26
M27	8 35	10 14	2 53	7 41	1 19	12 8	3 59	21 54	0 30	5 54	1 3	3 10	2 6	22 58	0 28	1 59	1 32	24 53	8 13	18 32	18 53	4 41	13 17	0 34	M27
T 28	8s13	6s15	3s44	6s49	1s11	12n31	4n 8	21s59	0n29	5s48	1s 3	3s 7	2s 6	22n58	0n28	2n 0	1s32	24n53	8n13	18n33	18n54	4n43	13s17	0n34	T 28

Julian Day Number = 2342733.5, Delta T = 13.59 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'54, Lahiri = 19°41'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

MARCH 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 33 10	9♓59'12	4♈58	17♓26	22♈58	14♐12	18♓ 2	27♓ 9	16°R 4	8♈35	12°R42	6°R54	5♌33	24♈21	6°R49	W 1
T 2	10 37 6	10°59'18	16°55	19°22	23°38	14°45	18°17	27°16	16♋ 3	8°38	12♌41	6♌48	5°30	24°28	6♏48	T 2
F 3	10 41 3	11°59'22	28°48	21°17	24°16	15°19	18°31	27°24	16° 2	8°40	12°40	6°41	5°27	24°34	6°47	F 3
S 4	10 44 59	12°59'24	10♉39	23°13	24°54	15°52	18°46	27°31	16° 1	8°42	12°39	6°36	5°24	24°41	6°45	S 4
S 5	10 48 56	13°59'24	22°32	25° 7	25°30	16°26	19° 0	27°38	16° 0	8°44	12°38	6°32	5°21	24°48	6°44	S 5
M 6	10 52 52	14°59'22	4♊32	27° 0	26° 4	16°59	19°15	27°46	15°59	8°46	12°36	6°30	5°17	24°55	6°42	M 6
T 7	10 56 49	15°59'17	16°42	28°51	26°37	17°32	19°29	27°53	15°58	8°48	12°35	6°D29	5°14	25° 1	6°40	T 7
W 8	11 0 46	16°59'11	29° 7	0♈41	27° 9	18° 5	19°44	28° 0	15°57	8°50	12°34	6°30	5°11	25° 8	6°38	W 8
T 9	11 4 42	17°59'02	11♋53	2°28	27°39	18°38	19°58	28° 8	15°56	8°52	12°33	6°31	5° 8	25°15	6°36	T 9
F 10	11 8 39	18°58'51	25° 3	4°12	28° 7	19°11	20°13	28°15	15°55	8°54	12°32	6°32	5° 5	25°21	6°34	F 10
S 11	11 12 35	19°58'37	8♌39	5°53	28°34	19°44	20°27	28°23	15°55	8°57	12°31	6°R33	5° 2	25°28	6°32	S 11
S 12	11 16 32	20°58'22	22°44	7°30	28°59	20°16	20°42	28°30	15°54	8°59	12°30	6°32	4°58	25°35	6°30	S 12
M13	11 20 28	21°58'04	7♍15	9° 3	29°22	20°49	20°56	28°37	15°53	9° 1	12°29	6°29	4°55	25°42	6°27	M13
T 14	11 24 25	22°57'44	22° 6	10°30	29°44	21°21	21°11	28°45	15°53	9° 3	12°27	6°23	4°52	25°48	6°25	T 14
W15	11 28 21	23°57'22	7♎11	11°53	0♉ 3	21°54	21°25	28°52	15°52	9° 5	12°26	6°17	4°49	25°55	6°22	W15
T 16	11 32 18	24°56'59	22°19	13°10	0°21	22°26	21°40	29° 0	15°52	9° 8	12°25	6° 9	4°46	26° 2	6°20	T 16
F 17	11 36 15	25°56'33	7♏20	14°20	0°36	22°58	21°55	29° 7	15°51	9°10	12°24	6° 2	4°42	26° 9	6°17	F 17
S 18	11 40 11	26°56'05	22° 6	15°25	0°50	23°30	22° 9	29°15	15°51	9°12	12°24	5°56	4°39	26°15	6°14	S 18
S 19	11 44 8	27°55'36	6♐30	16°22	1° 1	24° 2	22°24	29°22	15°51	9°14	12°23	5°52	4°36	26°22	6°11	S 19
M20	11 48 4	28°55'05	20°31	17°12	1°10	24°34	22°38	29°30	15°50	9°16	12°22	5°50	4°33	26°29	6° 8	M20
T 21	11 52 1	29°54'33	4♑ 7	17°55	1°17	25° 5	22°53	29°37	15°50	9°19	12°21	5°D49	4°30	26°35	6° 5	T 21
W22	11 55 57	0♈53'58	17°20	18°31	1°21	25°36	23° 7	29°45	15°50	9°21	12°20	5°50	4°27	26°42	6° 2	W22
T 23	11 59 54	1°53'22	0♒15	18°59	1°R23	26° 8	23°21	29°52	15°50	9°23	12°19	5°R51	4°23	26°49	5°59	T 23
F 24	12 3 50	2°52'44	12°53	19°19	1°23	26°39	23°36	29°59	15°50	9°25	12°18	5°51	4°20	26°56	5°55	F 24
S 25	12 7 47	3°52'04	25°18	19°32	1°20	27°10	23°50	0♈ 7	15°D50	9°28	12°17	5°49	4°17	27° 2	5°52	S 25
S 26	12 11 44	4°51'22	7♓32	19°R37	1°15	27°41	24° 5	0°14	15°50	9°30	12°17	5°44	4°14	27° 9	5°49	S 26
M27	12 15 40	5°50'38	19°40	19°35	1° 8	28°11	24°19	0°22	15°50	9°32	12°16	5°37	4°11	27°16	5°45	M27
T 28	12 19 37	6°49'52	1♈41	19°26	0°58	28°42	24°34	0°29	15°50	9°34	12°15	5°28	4° 8	27°22	5°41	T 28
W29	12 23 33	7°49'05	13°38	19°10	0°45	29°12	24°48	0°37	15°50	9°37	12°14	5°16	4° 4	27°29	5°38	W29
T 30	12 27 30	8°48'15	25°31	18°48	0°30	29°42	25° 2	0°44	15°51	9°39	12°14	5° 4	4° 1	27°36	5°34	T 30
F 31	12 31 26	9♈47'23	7♉23	18♈20	0♉13	0♑12	25♓17	0♈52	15♋51	9♈41	12♌13	4♌51	3♌58	27♈43	5♏30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s50	2s 4	4s24	5s57	1s 3	12n54	4n16	22s 4	0n28	5s42	1s 3	3s 4	2s 6	22n58	0n28	2n 0	1s32	24n53	8n13	18n35	18n55	4n45	13s16	0n35
T 2	7 27	2n 9	4 52	5 3	0 55	13 16	4 24	22 9	0 27	5 37	1 3	3 1	2 6	22 59	0 28	2 1	1 32	24 54	8 13	18 36	18 55	4 48	13 15	0 35
F 3	7 5	6 16	5 8	4 9	0 45	13 38	4 32	22 14	0 26	5 31	1 3	2 58	2 6	22 59	0 28	2 2	1 32	24 54	8 13	18 38	18 56	4 50	13 14	0 35
S 4	6 42	10 8	5 10	3 14	0 35	14 0	4 40	22 18	0 25	5 25	1 3	2 55	2 6	22 59	0 28	2 3	1 32	24 54	8 13	18 39	18 57	4 52	13 13	0 36
S 5	6 19	13 37	4 59	2 20	0 25	14 21	4 49	22 23	0 24	5 20	1 3	2 52	2 6	22 59	0 28	2 4	1 32	24 55	8 13	18 40	18 58	4 54	13 13	0 36
M 6	5 55	16 35	4 35	1 24	0 14	14 41	4 57	22 27	0 23	5 14	1 3	2 49	2 6	22 59	0 28	2 5	1 32	24 55	8 13	18 41	18 59	4 57	13 12	0 37
T 7	5 32	18 52	3 58	0 30	0 2	15 1	5 5	22 31	0 22	5 8	1 3	2 46	2 6	22 59	0 28	2 5	1 32	24 55	8 13	18 41	18 59	4 59	13 11	0 37
W 8	5 9	20 19	3 9	0n25	0n10	15 20	5 13	22 35	0 21	5 2	1 3	2 43	2 6	22 59	0 28	2 6	1 32	24 56	8 13	18 41	19 0	5 1	13 10	0 38
T 9	4 45	20 47	2 10	1 19	0 22	15 39	5 21	22 39	0 20	4 57	1 3	2 40	2 6	22 59	0 28	2 7	1 32	24 56	8 13	18 40	19 1	5 4	13 9	0 38
F 10	4 22	20 8	1 2	2 12	0 34	15 56	5 29	22 43	0 19	4 51	1 3	2 38	2 6	22 59	0 28	2 8	1 32	24 56	8 13	18 40	19 2	5 6	13 8	0 38
S 11	3 59	18 19	0n11	3 4	0 47	16 14	5 37	22 47	0 18	4 45	1 3	2 35	2 6	22 59	0 28	2 9	1 32	24 56	8 13	18 40	19 2	5 8	13 6	0 39
S 12	3 35	15 19	1 26	3 54	1 0	16 30	5 45	22 50	0 17	4 40	1 3	2 32	2 6	23 0	0 28	2 10	1 32	24 57	8 13	18 40	19 3	5 10	13 5	0 39
M13	3 11	11 18	2 38	4 43	1 13	16 46	5 53	22 54	0 16	4 34	1 3	2 29	2 6	23 0	0 28	2 11	1 32	24 57	8 13	18 41	19 4	5 13	13 4	0 40
T 14	2 48	6 31	3 41	5 29	1 26	17 1	6 1	22 57	0 14	4 28	1 3	2 26	2 6	23 0	0 28	2 12	1 31	24 57	8 12	18 42	19 5	5 15	13 3	0 40
W15	2 24	1 16	4 29	6 13	1 39	17 15	6 8	23 0	0 13	4 22	1 3	2 23	2 6	23 0	0 28	2 12	1 31	24 57	8 12	18 44	19 5	5 17	13 2	0 40
T 16	2 1	4s 5	4 58	6 55	1 52	17 28	6 16	23 4	0 12	4 17	1 3	2 20	2 6	23 0	0 28	2 13	1 31	24 57	8 12	18 46	19 6	5 20	13 0	0 41
F 17	1 37	9 8	5 7	7 34	2 4	17 40	6 23	23 7	0 11	4 11	1 3	2 17	2 6	23 0	0 28	2 14	1 31	24 58	8 12	18 48	19 7	5 22	12 59	0 41
S 18	1 13	13 34	4 55	8 10	2 16	17 51	6 30	23 9	0 10	4 5	1 3	2 14	2 6	23 0	0 28	2 15	1 31	24 58	8 12	18 49	19 8	5 24	12 58	0 42
S 19	0 50	17 5	4 25	8 42	2 27	18 2	6 37	23 12	0 8	4 0	1 3	2 11	2 6	23 0	0 28	2 16	1 31	24 58	8 12	18 50	19 9	5 26	12 57	0 42
M20	0 26	19 30	3 39	9 11	2 37	18 11	6 43	23 15	0 7	3 54	1 3	2 8	2 6	23 0	0 28	2 17	1 31	24 58	8 12	18 51	19 9	5 29	12 55	0 43
T 21	0 2	20 43	2 42	9 36	2 47	18 19	6 49	23 17	0 6	3 48	1 3	2 5	2 6	23 0	0 28	2 18	1 31	24 58	8 12	18 51	19 10	5 31	12 54	0 43
W22	0n21	20 44	1 38	9 58	2 55	18 27	6 56	23 20	0 4	3 43	1 4	2 2	2 6	23 0	0 28	2 19	1 31	24 59	8 12	18 51	19 11	5 33	12 52	0 43
T 23	0 45	19 38	0 30	10 16	3 3	18 33	7 1	23 22	0 3	3 37	1 4	1 59	2 6	23 0	0 28	2 19	1 31	24 59	8 12	18 50	19 12	5 36	12 51	0 44
F 24	1 9	17 35	0s38	10 30	3 9	18 38	7 7	23 24	0 2	3 31	1 4	1 56	2 6	23 0	0 28	2 20	1 31	24 59	8 12	18 50	19 12	5 38	12 49	0 44
S 25	1 32	14 43	1 42	10 39	3 15	18 41	7 11	23 27	0 0	3 25	1 4	1 53	2 6	23 0	0 28	2 21	1 31	24 59	8 11	18 51	19 13	5 40	12 48	0 45
S 26	1 56	11 14	2 41	10 45	3 18	18 44	7 16	23 29	0s 1	3 20	1 4	1 50	2 6	23 0	0 28	2 22	1 31	24 59	8 11	18 52	19 14	5 42	12 46	0 45
M27	2 19	7 20	3 32	10 46	3 21	18 45	7 20	23 31	0 3	3 14	1 4	1 47	2 7	23 0	0 28	2 23	1 31	24 59	8 11	18 54	19 15	5 45	12 45	0 45
T 28	2 43	3 11	4 12	10 44	3 22	18 44	7 24	23 32	0 4	3 8	1 4	1 44	2 7	23 0	0 28	2 24	1 31	24 59	8 11	18 56	19 15	5 47	12 43	0 46
W29	3 6	1n 4	4 41	10 37	3 21	18 43	7 27	23 34	0 6	3 3	1 4	1 42	2 7	23 0	0 28	2 25	1 31	24 59	8 11	18 59	19 16	5 49	12 41	0 46
T 30	3 30	5 15	4 58	10 26	3 19	18 40	7 29	23 36	0 7	2 57	1 4	1 39	2 7	23 0	0 28	2 26	1 31	25 0	8 11	19 2	19 17	5 52	12 40	0 47
F 31	3n53	9n14	5s 2	10n12	3n15	18n35	7n31	23s37	0s 9	2s52	1s 4	1s36	2s 7	23n 0	0n28	2n27	1s31	25n 0	8n11	19n 5	19n18	5n54	12s38	0n47

Julian Day Number = 2342761.5, Delta T = 13.57 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°34'57, Lahiri = 19°41'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

APRIL 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 23	10♈46'28	19♉15	17°R47	29°R53	0♏42	25♓31	0♈59	15♋51	9♈44	12°R12	4°R40	3♌55	27♈49	5°R26	S 1
S 2	12 39 19	11°45'32	1♊ 9	17♈10	29♈31	1°12	25°45	1° 6	15°52	9°46	12♌12	4♌31	3°52	27°56	5♏22	S 2
M 3	12 43 16	12°44'33	13° 9	16°29	29° 6	1°41	25°59	1°14	15°52	9°48	12°11	4°25	3°48	28° 3	5°18	M 3
T 4	12 47 12	13°43'33	25°17	15°45	28°40	2°10	26°14	1°21	15°53	9°50	12°11	4°21	3°45	28°10	5°14	T 4
W 5	12 51 9	14°42'29	7♋40	15° 0	28°11	2°39	26°28	1°28	15°53	9°53	12°10	4°19	3°42	28°16	5°10	W 5
T 6	12 55 6	15°41'24	20°20	14°14	27°41	3° 8	26°42	1°36	15°54	9°55	12°10	4°D19	3°39	28°23	5° 6	T 6
F 7	12 59 2	16°40'16	3♌23	13°27	27° 9	3°37	26°56	1°43	15°55	9°57	12° 9	4°R19	3°36	28°30	5° 1	F 7
S 8	13 2 59	17°39'06	16°53	12°42	26°36	4° 5	27°10	1°50	15°55	9°59	12° 9	4°19	3°33	28°36	4°57	S 8
S 9	13 6 55	18°37'54	0♍52	11°58	26° 1	4°33	27°24	1°58	15°56	10° 2	12° 8	4°16	3°29	28°43	4°53	S 9
M10	13 10 52	19°36'39	15°20	11°16	25°25	5° 1	27°38	2° 5	15°57	10° 4	12° 8	4°12	3°26	28°50	4°48	M10
T 11	13 14 48	20°35'22	0♎14	10°38	24°48	5°29	27°52	2°12	15°58	10° 6	12° 7	4° 4	3°23	28°57	4°44	T 11
W12	13 18 45	21°34'03	15°26	10° 3	24°10	5°57	28° 6	2°19	15°59	10° 8	12° 7	3°54	3°20	29° 3	4°39	W12
T 13	13 22 41	22°32'42	0♏47	9°33	23°33	6°24	28°20	2°27	16° 0	10°11	12° 7	3°44	3°17	29°10	4°35	T 13
F 14	13 26 38	23°31'19	16° 4	9° 6	22°55	6°51	28°34	2°34	16° 1	10°13	12° 6	3°33	3°13	29°17	4°30	F 14
S 15	13 30 35	24°29'54	1♐ 7	8°45	22°17	7°18	28°48	2°41	16° 2	10°15	12° 6	3°24	3°10	29°23	4°26	S 15
S 16	13 34 31	25°28'28	15°47	8°28	21°39	7°45	29° 1	2°48	16° 3	10°17	12° 6	3°17	3° 7	29°30	4°21	S 16
M17	13 38 28	26°27'00	29°59	8°17	21° 2	8°11	29°15	2°55	16° 5	10°20	12° 6	3°13	3° 4	29°37	4°17	M17
T 18	13 42 24	27°25'30	13♑42	8°10	20°26	8°37	29°29	3° 2	16° 6	10°22	12° 5	3°11	3° 1	29°44	4°12	T 18
W19	13 46 21	28°23'59	26°58	8°D 9	19°52	9° 3	29°43	3° 9	16° 7	10°24	12° 5	3°11	2°58	29°50	4° 8	W19
T 20	13 50 17	29°22'26	9♒51	8°13	19°18	9°28	29°56	3°16	16° 9	10°26	12° 5	3°11	2°54	29°57	4° 3	T 20
F 21	13 54 14	0♉20'52	22°23	8°21	18°46	9°54	0♈10	3°23	16°10	10°28	12° 5	3°10	2°51	0♉ 4	3°58	F 21
S 22	13 58 10	1°19'15	4♓40	8°35	18°16	10°19	0°23	3°30	16°11	10°30	12° 5	3° 7	2°48	0°11	3°54	S 22
S 23	14 2 7	2°17'37	16°47	8°53	17°47	10°43	0°37	3°37	16°13	10°33	12° 5	3° 1	2°45	0°17	3°49	S 23
M24	14 6 4	3°15'58	28°46	9°15	17°21	11° 8	0°50	3°44	16°14	10°35	12° 5	2°53	2°42	0°24	3°44	M24
T 25	14 10 0	4°14'17	10♈40	9°42	16°56	11°32	1° 3	3°51	16°16	10°37	12°D 5	2°42	2°39	0°31	3°40	T 25
W26	14 13 57	5°12'34	22°33	10°14	16°34	11°55	1°17	3°57	16°18	10°39	12° 5	2°29	2°35	0°37	3°35	W26
T 27	14 17 53	6°10'49	4♉24	10°49	16°14	12°19	1°30	4° 4	16°19	10°41	12° 5	2°14	2°32	0°44	3°30	T 27
F 28	14 21 50	7° 9'03	16°17	11°28	15°56	12°42	1°43	4°11	16°21	10°43	12° 5	2° 0	2°29	0°51	3°26	F 28
S 29	14 25 46	8° 7'15	28°12	12°11	15°41	13° 4	1°56	4°17	16°23	10°45	12° 5	1°47	2°26	0°58	3°21	S 29
S 30	14 29 43	9♉ 5'25	10♊11	12♈58	15♈28	13♏27	2♈ 9	4♈24	16♋25	10♈47	12♌ 5	1♌36	2♌23	1♉ 4	3♏16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n16	12n52	4s53	9n54	3n 9	18n29	7n32	23s39	0s10	2s46	1s 4	1s33	2s 7	23n 0	0n28	2n27	1s31	25n 0	8n11	19n 8	19n18	5n56	12s36	0n47
S 2	4 39	16 0	4 31	9 33	3 2	18 22	7 33	23 40	0 12	2 40	1 4	1 30	2 7	22 59	0 28	2 28	1 31	25 0	8 10	19 10	19 19	5 58	12 35	0 48
M 3	5 2	18 30	3 57	9 9	2 53	18 13	7 32	23 42	0 14	2 35	1 4	1 27	2 7	22 59	0 28	2 29	1 31	25 0	8 10	19 11	19 20	6 1	12 33	0 48
T 4	5 25	20 12	3 12	8 43	2 43	18 2	7 32	23 43	0 15	2 29	1 4	1 24	2 7	22 59	0 28	2 30	1 31	25 0	8 10	19 12	19 21	6 3	12 31	0 49
W 5	5 48	20 59	2 17	8 14	2 31	17 50	7 30	23 44	0 17	2 24	1 4	1 21	2 7	22 59	0 28	2 31	1 31	25 0	8 10	19 13	19 21	6 5	12 30	0 49
T 6	6 11	20 43	1 14	7 44	2 18	17 37	7 27	23 45	0 19	2 18	1 4	1 18	2 7	22 59	0 28	2 32	1 31	25 0	8 10	19 13	19 22	6 8	12 28	0 50
F 7	6 34	19 21	0 5	7 13	2 4	17 22	7 24	23 46	0 21	2 12	1 5	1 16	2 7	22 59	0 28	2 33	1 31	25 0	8 10	19 13	19 23	6 10	12 26	0 50
S 8	6 56	16 51	1n 6	6 42	1 49	17 6	7 20	23 47	0 22	2 7	1 5	1 13	2 7	22 59	0 28	2 34	1 32	25 0	8 10	19 13	19 24	6 12	12 24	0 50
S 9	7 19	13 18	2 16	6 10	1 33	16 48	7 15	23 48	0 24	2 1	1 5	1 10	2 7	22 59	0 28	2 35	1 32	25 0	8 10	19 13	19 24	6 14	12 22	0 51
M10	7 41	8 51	3 19	5 39	1 17	16 29	7 9	23 49	0 26	1 56	1 5	1 7	2 7	22 59	0 28	2 35	1 32	25 0	8 9	19 14	19 25	6 17	12 20	0 51
T 11	8 3	3 44	4 10	5 9	1 1	16 9	7 2	23 50	0 28	1 50	1 5	1 4	2 8	22 59	0 28	2 36	1 32	25 0	8 9	19 16	19 26	6 19	12 19	0 51
W12	8 25	1s42	4 45	4 40	0 44	15 48	6 55	23 51	0 30	1 45	1 5	1 2	2 8	22 58	0 28	2 37	1 32	25 0	8 9	19 18	19 27	6 21	12 17	0 52
T 13	8 47	7 4	5 0	4 13	0 28	15 26	6 47	23 51	0 32	1 40	1 5	0 59	2 8	22 58	0 27	2 38	1 32	25 0	8 9	19 21	19 27	6 23	12 15	0 52
F 14	9 9	11 59	4 54	3 47	0 11	15 4	6 37	23 52	0 34	1 34	1 5	0 56	2 8	22 58	0 27	2 39	1 32	25 0	8 9	19 23	19 28	6 26	12 13	0 53
S 15	9 31	16 4	4 27	3 24	0s 5	14 40	6 28	23 52	0 36	1 29	1 5	0 53	2 8	22 58	0 27	2 40	1 32	25 0	8 9	19 26	19 29	6 28	12 11	0 53
S 16	9 52	19 2	3 43	3 3	0 21	14 16	6 17	23 53	0 38	1 23	1 5	0 51	2 8	22 58	0 27	2 41	1 32	25 0	8 9	19 27	19 29	6 30	12 9	0 53
M17	10 13	20 43	2 46	2 44	0 36	13 52	6 6	23 53	0 40	1 18	1 5	0 48	2 8	22 58	0 27	2 41	1 32	25 0	8 8	19 28	19 30	6 33	12 7	0 54
T 18	10 34	21 6	1 41	2 28	0 51	13 28	5 54	23 54	0 42	1 13	1 6	0 45	2 8	22 57	0 27	2 42	1 32	24 59	8 8	19 29	19 31	6 35	12 5	0 54
W19	10 55	20 16	0 33	2 15	1 5	13 3	5 42	23 54	0 45	1 7	1 6	0 42	2 8	22 57	0 27	2 43	1 32	24 59	8 8	19 29	19 32	6 37	12 3	0 55
T 20	11 16	18 23	0s35	2 4	1 18	12 38	5 29	23 55	0 47	1 2	1 6	0 40	2 8	22 57	0 27	2 44	1 32	24 59	8 8	19 29	19 32	6 39	12 2	0 55
F 21	11 37	15 39	1 40	1 56	1 31	12 14	5 16	23 55	0 49	0 57	1 6	0 37	2 9	22 57	0 27	2 45	1 32	24 59	8 8	19 29	19 33	6 42	12 0	0 55
S 22	11 57	12 16	2 38	1 50	1 42	11 50	5 3	23 56	0 51	0 51	1 6	0 34	2 9	22 57	0 27	2 46	1 32	24 59	8 8	19 30	19 34	6 44	11 58	0 56
S 23	12 17	8 25	3 28	1 47	1 53	11 26	4 49	23 56	0 54	0 46	1 6	0 32	2 9	22 57	0 27	2 46	1 32	24 59	8 7	19 31	19 35	6 46	11 56	0 56
M24	12 37	4 18	4 9	1 47	2 4	11 3	4 35	23 56	0 56	0 41	1 6	0 29	2 9	22 56	0 27	2 47	1 32	24 59	8 7	19 33	19 35	6 49	11 54	0 56
T 25	12 57	0 2	4 38	1 49	2 13	10 41	4 21	23 57	0 58	0 36	1 6	0 27	2 9	22 56	0 27	2 48	1 32	24 59	8 7	19 35	19 36	6 51	11 52	0 57
W26	13 17	4n13	4 55	1 53	2 22	10 19	4 7	23 57	1 1	0 30	1 6	0 24	2 9	22 56	0 27	2 49	1 32	24 58	8 7	19 38	19 37	6 53	11 50	0 57
T 27	13 36	8 19	4 59	2 0	2 30	9 58	3 52	23 57	1 3	0 25	1 7	0 21	2 9	22 56	0 27	2 50	1 32	24 58	8 7	19 41	19 37	6 55	11 48	0 58
F 28	13 55	12 6	4 50	2 8	2 37	9 38	3 38	23 58	1 6	0 20	1 7	0 19	2 9	22 55	0 27	2 50	1 32	24 58	8 7	19 45	19 38	6 58	11 46	0 58
S 29	14 14	15 25	4 29	2 19	2 43	9 19	3 24	23 58	1 9	0 15	1 7	0 16	2 10	22 55	0 27	2 51	1 32	24 58	8 7	19 48	19 39	7 0	11 44	0 58
S 30	14n33	18n 8	3s55	2n32	2s48	9n 1	3n10	23s59	1s11	0s10	1s 7	0s14	2s10	22n55	0n27	2n52	1s32	24n58	8n 6	19n50	19n40	7n 2	11s42	0n59

Julian Day Number = 2342792.5, Delta T = 13.54 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'02, Lahiri = 19°42'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

MAY 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 33 39	10♉ 3'33	22♊16	13♈47	15°R18	13♑48	2♈22	4♈31	16♋27	10♈49	12♌ 5	1°R29	2♌19	1♉11	3°R12	M 1
T 2	14 37 36	11° 1'40	4♋29	14°41	15♈10	14°10	2°35	4°37	16°29	10°51	12° 6	1♌23	2°16	1°18	3♏ 7	T 2
W 3	14 41 33	11°59'44	16°54	15°37	15° 4	14°31	2°48	4°44	16°31	10°53	12° 6	1°21	2°13	1°24	3° 3	W 3
T 4	14 45 29	12°57'47	29°34	16°36	15° 1	14°52	3° 1	4°50	16°33	10°55	12° 6	1°D20	2°10	1°31	2°58	T 4
F 5	14 49 26	13°55'47	12♌34	17°39	15°D 0	15°12	3°13	4°56	16°35	10°57	12° 6	1°R20	2° 7	1°38	2°53	F 5
S 6	14 53 22	14°53'46	25°57	18°44	15° 1	15°32	3°26	5° 3	16°37	10°59	12° 7	1°20	2° 4	1°45	2°49	S 6
S 7	14 57 19	15°51'43	9♍47	19°52	15° 5	15°52	3°39	5° 9	16°39	11° 1	12° 7	1°18	2° 0	1°51	2°44	S 7
M 8	15 1 15	16°49'38	24° 4	21° 3	15°11	16°11	3°51	5°15	16°41	11° 3	12° 7	1°14	1°57	1°58	2°40	M 8
T 9	15 5 12	17°47'31	8♎47	22°16	15°19	16°29	4° 3	5°22	16°43	11° 5	12° 8	1° 7	1°54	2° 5	2°36	T 9
W10	15 9 8	18°45'22	23°51	23°32	15°30	16°48	4°16	5°28	16°46	11° 7	12° 8	0°59	1°51	2°12	2°31	W10
T 11	15 13 5	19°43'12	9♏ 6	24°50	15°42	17° 6	4°28	5°34	16°48	11° 9	12° 9	0°49	1°48	2°18	2°27	T 11
F 12	15 17 2	20°41'00	24°22	26°11	15°57	17°23	4°40	5°40	16°50	11°11	12° 9	0°39	1°45	2°25	2°23	F 12
S 13	15 20 58	21°38'47	9♐28	27°34	16°13	17°40	4°52	5°46	16°53	11°13	12°10	0°30	1°41	2°32	2°19	S 13
S 14	15 24 55	22°36'33	24°15	28°59	16°32	17°56	5° 4	5°52	16°55	11°14	12°10	0°23	1°38	2°38	2°14	S 14
M15	15 28 51	23°34'17	8♑36	0♉27	16°52	18°12	5°16	5°58	16°58	11°16	12°11	0°19	1°35	2°45	2°10	M15
T 16	15 32 48	24°32'00	22°27	1°57	17°14	18°27	5°28	6° 3	17° 0	11°18	12°11	0°18	1°32	2°52	2° 6	T 16
W17	15 36 44	25°29'43	5♒50	3°29	17°38	18°42	5°40	6° 9	17° 3	11°20	12°12	0°D17	1°29	2°59	2° 2	W17
T 18	15 40 41	26°27'23	18°47	5° 4	18° 3	18°56	5°52	6°15	17° 5	11°21	12°12	0°18	1°25	3° 5	1°58	T 18
F 19	15 44 37	27°25'03	1♓22	6°41	18°30	19°10	6° 3	6°20	17° 8	11°23	12°13	0°R18	1°22	3°12	1°54	F 19
S 20	15 48 34	28°22'42	13°39	8°20	18°59	19°23	6°15	6°26	17°11	11°25	12°14	0°17	1°19	3°19	1°50	S 20
S 21	15 52 31	29°20'20	25°43	10° 2	19°29	19°36	6°26	6°32	17°13	11°27	12°14	0°14	1°16	3°26	1°47	S 21
M22	15 56 27	0♊17'57	7♈40	11°45	20° 0	19°48	6°38	6°37	17°16	11°28	12°15	0° 8	1°13	3°32	1°43	M22
T 23	16 0 24	1°15'33	19°32	13°31	20°33	19°59	6°49	6°42	17°19	11°30	12°16	29♋59	1°10	3°39	1°39	T 23
W24	16 4 20	2°13'08	1♉23	15°20	21° 8	20°10	7° 0	6°48	17°22	11°31	12°17	29°50	1° 6	3°46	1°36	W24
T 25	16 8 17	3°10'41	13°16	17°10	21°43	20°20	7°11	6°53	17°25	11°33	12°17	29°40	1° 3	3°52	1°32	T 25
F 26	16 12 13	4° 8'14	25°12	19° 3	22°20	20°29	7°22	6°58	17°27	11°35	12°18	29°29	1° 0	3°59	1°29	F 26
S 27	16 16 10	5° 5'46	7♊13	20°58	22°58	20°38	7°33	7° 3	17°30	11°36	12°19	29°19	0°57	4° 6	1°26	S 27
S 28	16 20 6	6° 3'17	19°20	22°55	23°37	20°46	7°44	7° 8	17°33	11°38	12°20	29°11	0°54	4°13	1°22	S 28
M29	16 24 3	7° 0'47	1♋36	24°54	24°17	20°54	7°54	7°13	17°36	11°39	12°21	29° 6	0°50	4°19	1°19	M29
T 30	16 28 0	7°58'15	14° 0	26°55	24°58	21° 1	8° 5	7°18	17°39	11°41	12°22	29° 2	0°47	4°26	1°16	T 30
W31	16 31 56	8♊55'43	26♋36	28♉58	25♈40	21♑ 7	8♈15	7♈23	17♋42	11♈42	12♌23	29°D 1	0♌44	4♉33	1♏13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n51	20n 5	3s11	2n47	2s53	8n44	2n56	23s59	1s14	0s 5	1s 7	0s11	2s10	22n55	0n27	2n53	1s32	24n58	8n 6	19n52	19n40	7n 5	11s40	0n59
T 2	15 10	21 7	2 17	3 4	2 57	8 28	2 42	24 0	1 17	0n 0	1 7	0 9	2 10	22 54	0 27	2 54	1 32	24 57	8 6	19 53	19 41	7 7	11 39	0 59
W 3	15 28	21 9	1 16	3 23	3 0	8 13	2 28	24 0	1 19	0 5	1 7	0 7	2 10	22 54	0 27	2 54	1 32	24 57	8 6	19 53	19 42	7 9	11 37	1 0
T 4	15 45	20 7	0 9	3 43	3 3	7 59	2 15	24 0	1 22	0 10	1 8	0 4	2 10	22 54	0 27	2 55	1 32	24 57	8 6	19 54	19 42	7 11	11 35	1 0
F 5	16 3	18 0	0n59	4 5	3 5	7 47	2 1	24 1	1 25	0 15	1 8	0 2	2 10	22 54	0 27	2 56	1 32	24 57	8 6	19 54	19 43	7 14	11 33	1 0
S 6	16 20	14 52	2 6	4 29	3 6	7 35	1 48	24 2	1 28	0 20	1 8	0n 1	2 11	22 53	0 27	2 57	1 32	24 56	8 5	19 54	19 44	7 16	11 31	1 1
S 7	16 37	10 49	3 9	4 54	3 7	7 25	1 36	24 2	1 31	0 25	1 8	0 3	2 11	22 53	0 27	2 57	1 32	24 56	8 5	19 54	19 45	7 18	11 29	1 1
M 8	16 53	6 3	4 1	5 21	3 6	7 16	1 23	24 3	1 34	0 30	1 8	0 5	2 11	22 53	0 27	2 58	1 32	24 56	8 5	19 55	19 45	7 21	11 27	1 1
T 9	17 10	0 47	4 39	5 48	3 6	7 8	1 11	24 4	1 37	0 34	1 8	0 8	2 11	22 53	0 27	2 59	1 32	24 56	8 5	19 56	19 46	7 23	11 26	1 2
W10	17 26	4s38	4 59	6 18	3 4	7 1	0 59	24 4	1 40	0 39	1 8	0 10	2 11	22 52	0 27	2 59	1 32	24 55	8 5	19 58	19 47	7 25	11 24	1 2
T 11	17 42	9 50	4 59	6 48	3 2	6 55	0 48	24 5	1 43	0 44	1 9	0 12	2 11	22 52	0 27	3 0	1 32	24 55	8 5	20 0	19 47	7 27	11 22	1 2
F 12	17 57	14 25	4 37	7 20	3 0	6 51	0 36	24 6	1 46	0 49	1 9	0 14	2 12	22 52	0 27	3 1	1 32	24 55	8 5	20 3	19 48	7 30	11 20	1 3
S 13	18 12	18 2	3 55	7 53	2 56	6 47	0 25	24 7	1 50	0 53	1 9	0 17	2 12	22 51	0 27	3 1	1 32	24 55	8 4	20 4	19 49	7 32	11 18	1 3
S 14	18 27	20 22	2 59	8 27	2 52	6 44	0 15	24 8	1 53	0 58	1 9	0 19	2 12	22 51	0 27	3 2	1 32	24 54	8 4	20 6	19 50	7 34	11 17	1 3
M15	18 42	21 19	1 53	9 1	2 48	6 42	0 5	24 10	1 56	1 2	1 9	0 21	2 12	22 51	0 27	3 3	1 32	24 54	8 4	20 7	19 50	7 37	11 15	1 4
T 16	18 56	20 55	0 42	9 37	2 43	6 42	0s 5	24 11	2 0	1 7	1 9	0 23	2 12	22 50	0 27	3 3	1 32	24 54	8 4	20 7	19 51	7 39	11 13	1 4
W17	19 10	19 19	0s30	10 14	2 37	6 42	0 15	24 12	2 3	1 11	1 9	0 25	2 13	22 50	0 27	3 4	1 33	24 53	8 4	20 7	19 52	7 41	11 12	1 4
T 18	19 24	16 45	1 37	10 51	2 31	6 43	0 24	24 14	2 7	1 16	1 10	0 27	2 13	22 50	0 27	3 5	1 33	24 53	8 4	20 7	19 52	7 43	11 10	1 5
F 19	19 37	13 28	2 38	11 29	2 25	6 45	0 33	24 15	2 10	1 20	1 10	0 29	2 13	22 49	0 27	3 5	1 33	24 53	8 4	20 7	19 53	7 46	11 8	1 5
S 20	19 50	9 40	3 30	12 8	2 18	6 48	0 42	24 17	2 14	1 25	1 10	0 31	2 13	22 49	0 27	3 6	1 33	24 52	8 3	20 7	19 54	7 48	11 7	1 5
S 21	20 2	5 33	4 11	12 47	2 10	6 52	0 50	24 19	2 18	1 29	1 10	0 33	2 13	22 49	0 27	3 7	1 33	24 52	8 3	20 8	19 55	7 50	11 5	1 5
M22	20 15	1 16	4 41	13 27	2 2	6 56	0 58	24 21	2 21	1 34	1 10	0 35	2 14	22 48	0 27	3 7	1 33	24 52	8 3	20 9	19 55	7 53	11 4	1 6
T 23	20 27	3n 2	4 59	14 7	1 54	7 1	1 6	24 23	2 25	1 38	1 11	0 37	2 14	22 48	0 27	3 8	1 33	24 51	8 3	20 11	19 56	7 55	11 2	1 6
W24	20 38	7 13	5 4	14 47	1 45	7 7	1 13	24 25	2 29	1 42	1 11	0 39	2 14	22 48	0 27	3 8	1 33	24 51	8 3	20 13	19 57	7 57	11 1	1 6
T 25	20 49	11 8	4 56	15 27	1 36	7 14	1 20	24 27	2 33	1 46	1 11	0 41	2 14	22 47	0 27	3 9	1 33	24 51	8 3	20 15	19 57	7 59	10 59	1 7
F 26	21 0	14 39	4 35	16 8	1 26	7 21	1 27	24 30	2 37	1 50	1 11	0 43	2 14	22 47	0 27	3 10	1 33	24 50	8 3	20 17	19 58	8 2	10 58	1 7
S 27	21 11	17 35	4 1	16 48	1 16	7 29	1 34	24 32	2 41	1 55	1 11	0 45	2 15	22 46	0 27	3 10	1 33	24 50	8 2	20 19	19 59	8 4	10 56	1 7
S 28	21 21	19 47	3 16	17 28	1 6	7 38	1 40	24 35	2 45	1 59	1 11	0 46	2 15	22 46	0 27	3 11	1 33	24 49	8 2	20 21	19 59	8 6	10 55	1 7
M29	21 31	21 6	2 22	18 7	0 56	7 47	1 46	24 38	2 49	2 3	1 12	0 48	2 15	22 46	0 27	3 11	1 33	24 49	8 2	20 22	20 0	8 8	10 54	1 8
T 30	21 40	21 25	1 20	18 46	0 45	7 57	1 52	24 41	2 53	2 7	1 12	0 50	2 15	22 45	0 27	3 12	1 33	24 49	8 2	20 23	20 1	8 11	10 52	1 8
W31	21n49	20n39	0s13	19n24	0s34	8n 7	1s57	24s44	2s57	2n11	1s12	0n52	2s15	22n45	0n27	3n12	1s33	24n48	8n 2	20n23	20n 1	8n13	10s51	1n 8

Julian Day Number = 2342822.5, Delta T = 13.52 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'06, Lahiri = 19°42'06Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1702
geocentric

JUNE 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 35 53	9♊53'09	9♌25	1♊ 2	26♈23	21♑12	8♈26	7♈28	17♋45	11♈43	12♌24	29♋ 1	0♌41	4♉39	1°R10	T 1
F 2	16 39 49	10°50'34	22°31	3° 9	27° 7	21°17	8°36	7°32	17°48	11°45	12°25	29° 3	0°38	4°46	1♏ 7	F 2
S 3	16 43 46	11°47'58	5♍55	5°17	27°52	21°21	8°46	7°37	17°51	11°46	12°26	29°R 4	0°35	4°53	1° 4	S 3
S 4	16 47 42	12°45'21	19°40	7°26	28°38	21°24	8°56	7°41	17°55	11°47	12°27	29° 3	0°31	5° 0	1° 2	S 4
M 5	16 51 39	13°42'42	3♎47	9°36	29°24	21°27	9° 6	7°46	17°58	11°49	12°28	29° 2	0°28	5° 6	0°59	M 5
T 6	16 55 35	14°40'03	18°14	11°47	0♉11	21°29	9°16	7°50	18° 1	11°50	12°29	28°58	0°25	5°13	0°57	T 6
W 7	16 59 32	15°37'22	2♏59	13°59	0°59	21°30	9°26	7°55	18° 4	11°51	12°30	28°53	0°22	5°20	0°54	W 7
T 8	17 3 29	16°34'40	17°55	16°11	1°48	21°R31	9°35	7°59	18° 7	11°52	12°31	28°47	0°19	5°27	0°52	T 8
F 9	17 7 25	17°31'58	2♐55	18°23	2°38	21°30	9°44	8° 3	18°11	11°54	12°32	28°41	0°16	5°33	0°50	F 9
S 10	17 11 22	18°29'15	17°48	20°35	3°28	21°29	9°54	8° 7	18°14	11°55	12°34	28°36	0°12	5°40	0°48	S 10
S 11	17 15 18	19°26'31	2♑27	22°46	4°19	21°27	10° 3	8°11	18°17	11°56	12°35	28°32	0° 9	5°47	0°46	S 11
M12	17 19 15	20°23'47	16°45	24°56	5°10	21°25	10°12	8°15	18°20	11°57	12°36	28°30	0° 6	5°53	0°44	M12
T 13	17 23 11	21°21'02	0♒38	27° 6	6° 2	21°22	10°21	8°19	18°24	11°58	12°37	28°D29	0° 3	6° 0	0°42	T 13
W14	17 27 8	22°18'17	14° 4	29°14	6°55	21°18	10°30	8°22	18°27	11°59	12°39	28°30	29♋59	6° 7	0°40	W14
T 15	17 31 4	23°15'32	27° 6	1♋21	7°48	21°13	10°38	8°26	18°31	12° 0	12°40	28°31	29°56	6°14	0°39	T 15
F 16	17 35 1	24°12'46	9♓44	3°26	8°42	21° 7	10°47	8°29	18°34	12° 1	12°41	28°33	29°53	6°20	0°37	F 16
S 17	17 38 58	25°10'00	22° 5	5°30	9°37	21° 1	10°55	8°33	18°37	12° 2	12°42	28°R34	29°50	6°27	0°36	S 17
S 18	17 42 54	26° 7'14	4♈12	7°31	10°32	20°54	11° 4	8°36	18°41	12° 3	12°44	28°34	29°47	6°34	0°34	S 18
M19	17 46 51	27° 4'28	16° 9	9°31	11°27	20°46	11°12	8°40	18°44	12° 4	12°45	28°32	29°44	6°41	0°33	M19
T 20	17 50 47	28° 1'41	28° 2	11°29	12°23	20°38	11°20	8°43	18°48	12° 5	12°47	28°29	29°41	6°47	0°32	T 20
W21	17 54 44	28°58'55	9♉54	13°25	13°19	20°28	11°28	8°46	18°51	12° 6	12°48	28°25	29°37	6°54	0°31	W21
T 22	17 58 40	29°56'09	21°49	15°19	14°16	20°19	11°35	8°49	18°55	12° 6	12°49	28°20	29°34	7° 1	0°30	T 22
F 23	18 2 37	0♋53'22	3♊50	17°10	15°13	20° 8	11°43	8°52	18°58	12° 7	12°51	28°15	29°31	7° 7	0°30	F 23
S 24	18 6 33	1°50'35	15°59	19° 0	16°11	19°57	11°50	8°55	19° 2	12° 8	12°52	28°11	29°28	7°14	0°29	S 24
S 25	18 10 30	2°47'48	28°18	20°47	17° 9	19°45	11°58	8°57	19° 5	12° 9	12°54	28° 8	29°25	7°21	0°28	S 25
M26	18 14 27	3°45'02	10♋48	22°32	18° 7	19°33	12° 5	9° 0	19° 9	12° 9	12°55	28° 6	29°22	7°28	0°28	M26
T 27	18 18 23	4°42'14	23°29	24°15	19° 6	19°20	12°12	9° 3	19°12	12°10	12°57	28°D 5	29°18	7°34	0°27	T 27
W28	18 22 20	5°39'27	6♌23	25°56	20° 5	19° 6	12°19	9° 5	19°16	12°10	12°58	28° 5	29°15	7°41	0°27	W28
T 29	18 26 16	6°36'40	19°31	27°35	21° 4	18°52	12°25	9° 7	19°20	12°11	13° 0	28° 6	29°12	7°48	0°27	T 29
F 30	18 30 13	7♋33'52	2♍52	29♋11	22♉ 4	18♑37	12♈32	9♈10	19♋23	12♈12	13♌ 1	28♋ 7	29♋ 9	7♉54	0°D27	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n58	18n49	0n56	20n 1	0s23	8n17	2s 3	24s47	3s 1	2n15	1s12	0n53	2s16	22n44	0n27	3n13	1s33	24n48	8n 2	20n23	20n 2	8n15	10s50	1n 8
F 2	22 6	15 58	2 3	20 37	0 13	8 29	2 8	24 51	3 6	2 18	1 12	0 55	2 16	22 44	0 27	3 13	1 33	24 47	8 2	20 23	20 3	8 18	10 48	1 9
S 3	22 14	12 14	3 6	21 11	0 2	8 40	2 12	24 54	3 10	2 22	1 13	0 57	2 16	22 44	0 27	3 14	1 33	24 47	8 1	20 23	20 4	8 20	10 47	1 9
S 4	22 22	7 46	3 59	21 44	0n 9	8 52	2 17	24 58	3 14	2 26	1 13	0 58	2 16	22 43	0 27	3 14	1 33	24 47	8 1	20 23	20 4	8 22	10 46	1 9
M 5	22 29	2 46	4 39	22 15	0 19	9 5	2 21	25 2	3 19	2 30	1 13	1 0	2 17	22 43	0 27	3 15	1 33	24 46	8 1	20 23	20 5	8 24	10 45	1 10
T 6	22 36	2s29	5 3	22 43	0 30	9 17	2 25	25 6	3 23	2 33	1 13	1 1	2 17	22 42	0 27	3 15	1 33	24 46	8 1	20 24	20 6	8 27	10 44	1 10
W 7	22 42	7 42	5 8	23 10	0 40	9 30	2 29	25 10	3 27	2 37	1 13	1 3	2 17	22 42	0 27	3 16	1 34	24 45	8 1	20 25	20 6	8 29	10 43	1 10
T 8	22 48	12 31	4 52	23 34	0 49	9 44	2 33	25 14	3 32	2 40	1 14	1 4	2 17	22 41	0 27	3 16	1 34	24 45	8 1	20 26	20 7	8 31	10 42	1 10
F 9	22 53	16 35	4 16	23 56	0 58	9 58	2 36	25 19	3 36	2 44	1 14	1 5	2 18	22 41	0 27	3 16	1 34	24 44	8 1	20 27	20 8	8 33	10 41	1 11
S 10	22 59	19 33	3 23	24 15	1 7	10 12	2 39	25 23	3 41	2 47	1 14	1 7	2 18	22 41	0 27	3 17	1 34	24 44	8 1	20 28	20 8	8 36	10 40	1 11
S 11	23 3	21 11	2 17	24 31	1 15	10 26	2 42	25 28	3 45	2 51	1 14	1 8	2 18	22 40	0 27	3 17	1 34	24 44	8 1	20 29	20 9	8 38	10 39	1 11
M12	23 8	21 23	1 3	24 45	1 22	10 41	2 45	25 33	3 50	2 54	1 15	1 9	2 18	22 40	0 27	3 18	1 34	24 43	8 0	20 30	20 10	8 40	10 38	1 11
T 13	23 12	20 14	0s12	24 55	1 29	10 55	2 47	25 38	3 54	2 57	1 15	1 11	2 18	22 39	0 27	3 18	1 34	24 43	8 0	20 30	20 10	8 43	10 37	1 11
W14	23 15	17 58	1 24	25 3	1 35	11 10	2 50	25 43	3 59	3 1	1 15	1 12	2 19	22 39	0 27	3 18	1 34	24 42	8 0	20 30	20 11	8 45	10 36	1 12
T 15	23 18	14 50	2 30	25 8	1 40	11 25	2 52	25 48	4 3	3 4	1 15	1 13	2 19	22 38	0 27	3 19	1 34	24 42	8 0	20 29	20 12	8 47	10 36	1 12
F 16	23 21	11 6	3 26	25 11	1 45	11 41	2 54	25 54	4 8	3 7	1 15	1 14	2 19	22 38	0 27	3 19	1 34	24 41	8 0	20 29	20 12	8 49	10 35	1 12
S 17	23 23	6 59	4 11	25 10	1 49	11 56	2 56	25 59	4 12	3 10	1 16	1 15	2 20	22 37	0 27	3 19	1 34	24 41	8 0	20 29	20 13	8 52	10 34	1 12
S 18	23 25	2 41	4 45	25 7	1 52	12 12	2 57	26 5	4 17	3 13	1 16	1 17	2 20	22 37	0 27	3 20	1 34	24 40	8 0	20 29	20 14	8 54	10 33	1 13
M19	23 27	1n40	5 5	25 2	1 54	12 27	2 59	26 10	4 21	3 16	1 16	1 18	2 20	22 36	0 27	3 20	1 34	24 40	8 0	20 29	20 14	8 56	10 33	1 13
T 20	23 28	5 56	5 12	24 54	1 56	12 43	3 0	26 16	4 26	3 19	1 16	1 19	2 20	22 36	0 27	3 20	1 34	24 39	8 0	20 30	20 15	8 58	10 32	1 13
W21	23 28	9 58	5 6	24 44	1 57	12 59	3 1	26 22	4 30	3 22	1 17	1 20	2 21	22 35	0 27	3 20	1 34	24 39	8 0	20 31	20 16	9 1	10 32	1 13
T 22	23 29	13 38	4 47	24 32	1 57	13 15	3 2	26 28	4 35	3 25	1 17	1 21	2 21	22 35	0 27	3 21	1 34	24 38	8 0	20 32	20 16	9 3	10 31	1 13
F 23	23 28	16 47	4 14	24 18	1 56	13 30	3 3	26 34	4 39	3 27	1 17	1 21	2 21	22 34	0 27	3 21	1 34	24 38	7 59	20 33	20 17	9 5	10 31	1 14
S 24	23 28	19 15	3 31	24 2	1 55	13 46	3 4	26 39	4 43	3 30	1 17	1 22	2 21	22 34	0 27	3 21	1 34	24 37	7 59	20 33	20 18	9 8	10 30	1 14
S 25	23 27	20 52	2 36	23 44	1 53	14 2	3 4	26 45	4 47	3 33	1 18	1 23	2 22	22 33	0 27	3 21	1 34	24 37	7 59	20 34	20 18	9 10	10 30	1 14
M26	23 25	21 29	1 34	23 25	1 51	14 18	3 5	26 51	4 51	3 35	1 18	1 24	2 22	22 33	0 27	3 22	1 35	24 36	7 59	20 35	20 19	9 12	10 30	1 14
T 27	23 24	21 1	0 25	23 4	1 48	14 34	3 5	26 57	4 56	3 38	1 18	1 25	2 22	22 32	0 27	3 22	1 35	24 36	7 59	20 35	20 20	9 14	10 29	1 15
W28	23 21	19 26	0n46	22 42	1 44	14 49	3 5	27 3	5 0	3 40	1 18	1 25	2 22	22 32	0 27	3 22	1 35	24 35	7 59	20 35	20 20	9 17	10 29	1 15
T 29	23 19	16 49	1 55	22 18	1 40	15 5	3 5	27 9	5 3	3 43	1 19	1 26	2 23	22 31	0 27	3 22	1 35	24 35	7 59	20 35	20 21	9 19	10 29	1 15
F 30	23n16	13n16	3n 0	21n54	1n35	15n21	3s 4	27s15	5s 7	3n45	1s19	1n27	2s23	22n31	0n27	3n22	1s35	24n34	7n59	20n34	20n22	9n21	10s29	1n15

Julian Day Number = 2342853.5, Delta T = 13.49 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'10, Lahiri = 19°42'11Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

JULY 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 9	8♋31'04	16♍27	0♌45	23♉ 4	18°R22	12♈38	9♈12	19♋27	12♈12	13♌ 3	28♋ 8	29♋ 6	8♉ 1	0♏27	S 1
S 2	18 38 6	9°28'15	0♎17	2°17	24° 5	18♊ 7	12°44	9°14	19°30	12°13	13° 4	28° 9	29° 2	8° 8	0°27	S 2
M 3	18 42 2	10°25'27	14°20	3°47	25° 6	17°51	12°50	9°16	19°34	12°13	13° 6	28°R 9	28°59	8°15	0°28	M 3
T 4	18 45 59	11°22'38	28°36	5°15	26° 7	17°35	12°56	9°18	19°38	12°13	13° 8	28° 9	28°56	8°21	0°28	T 4
W 5	18 49 56	12°19'49	13♏ 3	6°40	27° 8	17°19	13° 2	9°20	19°41	12°14	13° 9	28° 7	28°53	8°28	0°29	W 5
T 6	18 53 52	13°17'00	27°35	8° 3	28°10	17° 2	13° 8	9°21	19°45	12°14	13°11	28° 6	28°50	8°35	0°29	T 6
F 7	18 57 49	14°14'11	12♐ 8	9°24	29°11	16°46	13°13	9°23	19°49	12°15	13°12	28° 4	28°47	8°42	0°30	F 7
S 8	19 1 45	15°11'22	26°37	10°42	0♊14	16°29	13°18	9°24	19°52	12°15	13°14	28° 3	28°43	8°48	0°31	S 8
S 9	19 5 42	16° 8'33	10♑55	11°58	1°16	16°12	13°23	9°26	19°56	12°15	13°16	28° 2	28°40	8°55	0°32	S 9
M10	19 9 38	17° 5'44	24°58	13°12	2°19	15°54	13°28	9°27	20° 0	12°15	13°17	28°D 1	28°37	9° 2	0°33	M10
T 11	19 13 35	18° 2'56	8♒41	14°23	3°22	15°37	13°33	9°28	20° 3	12°15	13°19	28° 1	28°34	9° 8	0°34	T 11
W12	19 17 32	19° 0'08	22° 3	15°31	4°25	15°20	13°37	9°29	20° 7	12°16	13°21	28° 2	28°31	9°15	0°35	W12
T 13	19 21 28	19°57'21	5♓ 4	16°37	5°28	15° 3	13°42	9°30	20°11	12°16	13°23	28° 3	28°28	9°22	0°37	T 13
F 14	19 25 25	20°54'34	17°44	17°40	6°32	14°46	13°46	9°31	20°14	12°16	13°24	28° 3	28°24	9°29	0°38	F 14
S 15	19 29 21	21°51'48	0♈ 7	18°40	7°36	14°29	13°50	9°32	20°18	12°16	13°26	28° 4	28°21	9°35	0°40	S 15
S 16	19 33 18	22°49'02	12°16	19°37	8°40	14°12	13°54	9°33	20°22	12°R16	13°28	28° 4	28°18	9°42	0°42	S 16
M17	19 37 14	23°46'18	24°15	20°31	9°45	13°56	13°57	9°33	20°25	12°16	13°29	28°R 4	28°15	9°49	0°43	M17
T 18	19 41 11	24°43'34	6♉ 9	21°22	10°49	13°40	14° 1	9°34	20°29	12°16	13°31	28° 4	28°12	9°55	0°45	T 18
W19	19 45 7	25°40'51	18° 2	22° 9	11°54	13°24	14° 4	9°34	20°33	12°16	13°33	28° 4	28° 8	10° 2	0°47	W19
T 20	19 49 4	26°38'09	29°59	22°53	12°59	13° 9	14° 7	9°34	20°36	12°16	13°35	28° 4	28° 5	10° 9	0°49	T 20
F 21	19 53 1	27°35'28	12♊ 4	23°33	14° 4	12°53	14°10	9°34	20°40	12°16	13°37	28°D 4	28° 2	10°16	0°52	F 21
S 22	19 56 57	28°32'47	24°20	24°10	15° 9	12°39	14°13	9°R34	20°44	12°15	13°38	28° 4	27°59	10°22	0°54	S 22
S 23	20 0 54	29°30'08	6♋49	24°42	16°15	12°25	14°15	9°34	20°47	12°15	13°40	28° 4	27°56	10°29	0°56	S 23
M24	20 4 50	0♌27'29	19°34	25°11	17°21	12°11	14°18	9°34	20°51	12°15	13°42	28° 4	27°53	10°36	0°59	M24
T 25	20 8 47	1°24'51	2♌35	25°35	18°27	11°58	14°20	9°34	20°54	12°15	13°44	28°R 4	27°49	10°43	1° 2	T 25
W26	20 12 43	2°22'14	15°52	25°54	19°33	11°46	14°22	9°34	20°58	12°14	13°46	28° 4	27°46	10°49	1° 4	W26
T 27	20 16 40	3°19'38	29°24	26° 9	20°39	11°34	14°23	9°33	21° 2	12°14	13°47	28° 3	27°43	10°56	1° 7	T 27
F 28	20 20 36	4°17'02	13♍ 9	26°19	21°45	11°23	14°25	9°33	21° 5	12°14	13°49	28° 3	27°40	11° 3	1°10	F 28
S 29	20 24 33	5°14'27	27° 5	26°R24	22°52	11°12	14°26	9°32	21° 9	12°13	13°51	28° 2	27°37	11° 9	1°13	S 29
S 30	20 28 30	6°11'53	11♎10	26°24	23°59	11° 2	14°27	9°31	21°12	12°13	13°53	28° 1	27°34	11°16	1°16	S 30
M31	20 32 26	7♌ 9'19	25♎20	26♌19	25♊ 5	10♑53	14♈28	9♈30	21♋16	12♈12	13♌55	28♋ 1	27♋30	11♉23	1♏20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n12	8n58	3n56	21n28	1n29	15n36	3s 4	27s21	5s11	3n47	1s19	1n27	2s23	22n30	0n27	3n22	1s35	24n34	7n59	20n34	20n22	9n23	10s28	1n15
S 2	23 8	4 9	4 39	21 2	1 23	15 51	3 4	27 27	5 15	3 49	1 19	1 28	2 24	22 30	0 27	3 23	1 35	24 33	7 59	20 34	20 23	9 26	10 28	1 15
M 3	23 4	0s57	5 6	20 34	1 17	16 6	3 3	27 32	5 18	3 51	1 20	1 28	2 24	22 29	0 27	3 23	1 35	24 33	7 59	20 34	20 24	9 28	10 28	1 16
T 4	22 59	6 5	5 15	20 6	1 9	16 21	3 2	27 38	5 21	3 53	1 20	1 29	2 24	22 29	0 27	3 23	1 35	24 32	7 59	20 34	20 24	9 30	10 28	1 16
W 5	22 54	10 56	5 5	19 38	1 2	16 36	3 1	27 43	5 25	3 55	1 20	1 29	2 24	22 28	0 27	3 23	1 35	24 32	7 59	20 34	20 25	9 32	10 28	1 16
T 6	22 49	15 11	4 35	19 9	0 54	16 51	3 0	27 48	5 28	3 57	1 20	1 30	2 25	22 28	0 27	3 23	1 35	24 31	7 59	20 34	20 26	9 35	10 28	1 16
F 7	22 43	18 32	3 47	18 39	0 45	17 5	2 59	27 54	5 31	3 59	1 21	1 30	2 25	22 27	0 27	3 23	1 35	24 31	7 59	20 35	20 26	9 37	10 28	1 16
S 8	22 37	20 41	2 45	18 10	0 36	17 20	2 58	27 59	5 34	4 1	1 21	1 30	2 25	22 27	0 27	3 23	1 35	24 30	7 59	20 35	20 27	9 39	10 28	1 17
S 9	22 30	21 29	1 33	17 40	0 27	17 34	2 57	28 3	5 36	4 3	1 21	1 31	2 25	22 26	0 27	3 23	1 35	24 30	7 59	20 35	20 28	9 41	10 29	1 17
M10	22 23	20 54	0 17	17 9	0 17	17 47	2 55	28 8	5 39	4 4	1 22	1 31	2 26	22 26	0 27	3 23	1 35	24 29	7 59	20 35	20 28	9 44	10 29	1 17
T 11	22 15	19 4	0s59	16 39	0 7	18 1	2 54	28 13	5 41	4 6	1 22	1 31	2 26	22 25	0 27	3 23	1 35	24 29	7 59	20 35	20 29	9 46	10 29	1 17
W12	22 8	16 13	2 9	16 9	0s 4	18 14	2 52	28 17	5 44	4 7	1 22	1 31	2 26	22 25	0 27	3 23	1 35	24 28	7 59	20 35	20 29	9 48	10 29	1 17
T 13	21 59	12 38	3 11	15 39	0 15	18 27	2 51	28 21	5 46	4 9	1 22	1 32	2 27	22 24	0 27	3 23	1 36	24 27	7 59	20 35	20 30	9 50	10 30	1 18
F 14	21 51	8 34	4 2	15 9	0 26	18 40	2 49	28 25	5 48	4 10	1 23	1 32	2 27	22 24	0 27	3 23	1 36	24 27	7 59	20 35	20 31	9 53	10 30	1 18
S 15	21 42	4 14	4 40	14 40	0 37	18 52	2 47	28 29	5 50	4 11	1 23	1 32	2 27	22 23	0 27	3 23	1 36	24 26	7 58	20 35	20 31	9 55	10 30	1 18
S 16	21 33	0n10	5 5	14 11	0 49	19 4	2 45	28 32	5 51	4 13	1 23	1 32	2 27	22 22	0 27	3 23	1 36	24 26	7 58	20 35	20 32	9 57	10 31	1 18
M17	21 23	4 31	5 16	13 42	1 1	19 16	2 43	28 35	5 53	4 14	1 24	1 32	2 28	22 22	0 27	3 23	1 36	24 25	7 58	20 35	20 33	9 59	10 31	1 18
T 18	21 13	8 39	5 14	13 14	1 14	19 27	2 41	28 39	5 54	4 15	1 24	1 32	2 28	22 21	0 27	3 23	1 36	24 25	7 58	20 35	20 33	10 2	10 32	1 18
W19	21 2	12 28	4 58	12 47	1 26	19 38	2 38	28 41	5 55	4 16	1 24	1 31	2 28	22 21	0 27	3 23	1 36	24 24	7 58	20 35	20 34	10 4	10 32	1 19
T 20	20 52	15 48	4 29	12 21	1 39	19 49	2 36	28 44	5 56	4 17	1 24	1 31	2 29	22 20	0 27	3 23	1 36	24 24	7 58	20 35	20 35	10 6	10 33	1 19
F 21	20 41	18 30	3 48	11 56	1 52	19 59	2 33	28 46	5 57	4 18	1 25	1 31	2 29	22 20	0 27	3 23	1 36	24 23	7 58	20 35	20 35	10 8	10 34	1 19
S 22	20 29	20 25	2 56	11 32	2 5	20 9	2 31	28 48	5 58	4 18	1 25	1 31	2 29	22 19	0 27	3 23	1 36	24 23	7 59	20 35	20 36	10 11	10 34	1 19
S 23	20 17	21 23	1 55	11 9	2 18	20 18	2 28	28 50	5 58	4 19	1 25	1 31	2 29	22 19	0 27	3 22	1 36	24 22	7 59	20 35	20 36	10 13	10 35	1 19
M24	20 5	21 16	0 47	10 47	2 31	20 27	2 26	28 52	5 58	4 20	1 25	1 30	2 30	22 18	0 27	3 22	1 36	24 22	7 59	20 35	20 37	10 15	10 36	1 19
T 25	19 53	20 1	0n25	10 27	2 44	20 36	2 23	28 53	5 58	4 20	1 26	1 30	2 30	22 18	0 27	3 22	1 36	24 21	7 59	20 35	20 38	10 17	10 36	1 20
W26	19 40	17 39	1 37	10 8	2 57	20 44	2 20	28 54	5 58	4 21	1 26	1 30	2 30	22 17	0 27	3 22	1 36	24 21	7 59	20 35	20 38	10 20	10 37	1 20
T 27	19 27	14 17	2 45	9 51	3 9	20 52	2 18	28 55	5 58	4 21	1 26	1 29	2 31	22 16	0 27	3 22	1 36	24 20	7 59	20 35	20 39	10 22	10 38	1 20
F 28	19 13	10 5	3 45	9 36	3 22	20 59	2 15	28 56	5 58	4 22	1 27	1 29	2 31	22 16	0 27	3 22	1 36	24 20	7 59	20 35	20 40	10 24	10 39	1 20
S 29	18 59	5 19	4 32	9 23	3 34	21 6	2 12	28 56	5 57	4 22	1 27	1 28	2 31	22 15	0 27	3 21	1 36	24 19	7 59	20 35	20 40	10 26	10 40	1 20
S 30	18 45	0 13	5 3	9 12	3 46	21 12	2 9	28 57	5 57	4 22	1 27	1 28	2 31	22 15	0 27	3 21	1 37	24 19	7 59	20 35	20 41	10 29	10 41	1 20
M31	18n31	4s55	5n16	9n 3	3s57	21n18	2s 6	28s57	5s56	4n22	1s27	1n27	2s32	22n14	0n27	3n21	1s37	24n18	7n59	20n35	20n42	10n31	10s42	1n21

Julian Day Number = 2342883.5, Delta T = 13.46 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'14, Lahiri = 19°42'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

AUGUST 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 23	8♌ 6'46	9♏34	26°R 8	26♊12	10°R45	14♈29	9°R29	21♋20	12°R12	13♌56	28°D 1	27♋27	11♉30	1♏23	T 1
W 2	20 40 19	9° 4'14	23°49	25♌53	27°20	10♑38	14°30	9♈28	21°23	12♈11	13°58	28♋ 1	27°24	11°36	1°27	W 2
T 3	20 44 16	10° 1'42	8♐ 1	25°32	28°27	10°31	14°30	9°27	21°27	12°11	14° 0	28° 2	27°21	11°43	1°30	T 3
F 4	20 48 12	10°59'12	22° 9	25° 5	29°34	10°25	14°R30	9°26	21°30	12°10	14° 2	28° 3	27°18	11°50	1°34	F 4
S 5	20 52 9	11°56'42	6♑10	24°34	0♋42	10°20	14°30	9°25	21°34	12°10	14° 4	28° 4	27°14	11°56	1°38	S 5
S 6	20 56 5	12°54'13	20° 1	23°59	1°50	10°16	14°30	9°23	21°37	12° 9	14° 6	28° 4	27°11	12° 3	1°41	S 6
M 7	21 0 2	13°51'45	3♒40	23°19	2°58	10°12	14°30	9°22	21°41	12° 8	14° 8	28°R 4	27° 8	12°10	1°45	M 7
T 8	21 3 59	14°49'18	17° 5	22°36	4° 6	10°10	14°29	9°20	21°44	12° 8	14° 9	28° 4	27° 5	12°17	1°49	T 8
W 9	21 7 55	15°46'52	0♓14	21°50	5°14	10° 8	14°28	9°18	21°47	12° 7	14°11	28° 2	27° 2	12°23	1°53	W 9
T 10	21 11 52	16°44'28	13° 6	21° 1	6°22	10° 7	14°27	9°16	21°51	12° 6	14°13	28° 0	26°59	12°30	1°58	T 10
F 11	21 15 48	17°42'05	25°42	20°11	7°31	10°D 6	14°26	9°14	21°54	12° 5	14°15	27°57	26°55	12°37	2° 2	F 11
S 12	21 19 45	18°39'43	8♈ 3	19°20	8°39	10° 7	14°24	9°12	21°58	12° 5	14°17	27°54	26°52	12°43	2° 6	S 12
S 13	21 23 41	19°37'23	20°11	18°30	9°48	10° 9	14°23	9°10	22° 1	12° 4	14°19	27°51	26°49	12°50	2°11	S 13
M14	21 27 38	20°35'04	2♉11	17°42	10°57	10°11	14°21	9° 8	22° 4	12° 3	14°20	27°49	26°46	12°57	2°15	M14
T 15	21 31 34	21°32'47	14° 4	16°56	12° 6	10°14	14°19	9° 6	22° 8	12° 2	14°22	27°47	26°43	13° 4	2°20	T 15
W16	21 35 31	22°30'32	25°57	16°13	13°15	10°18	14°17	9° 3	22°11	12° 1	14°24	27°D47	26°40	13°10	2°25	W16
T 17	21 39 27	23°28'18	7♊54	15°35	14°24	10°23	14°14	9° 1	22°14	12° 0	14°26	27°48	26°36	13°17	2°30	T 17
F 18	21 43 24	24°26'06	20° 0	15° 2	15°33	10°28	14°12	8°58	22°17	11°59	14°28	27°49	26°33	13°24	2°34	F 18
S 19	21 47 21	25°23'56	2♋18	14°35	16°43	10°34	14° 9	8°56	22°21	11°58	14°30	27°51	26°30	13°30	2°39	S 19
S 20	21 51 17	26°21'48	14°53	14°14	17°53	10°41	14° 6	8°53	22°24	11°57	14°31	27°53	26°27	13°37	2°45	S 20
M21	21 55 14	27°19'41	27°49	14° 1	19° 2	10°49	14° 3	8°50	22°27	11°56	14°33	27°R53	26°24	13°44	2°50	M21
T 22	21 59 10	28°17'35	11♌ 6	13°D55	20°12	10°58	14° 0	8°47	22°30	11°55	14°35	27°52	26°20	13°51	2°55	T 22
W23	22 3 7	29°15'32	24°44	13°57	21°22	11° 8	13°56	8°44	22°33	11°54	14°37	27°50	26°17	13°57	3° 0	W23
T 24	22 7 3	0♍13'30	8♍41	14° 7	22°32	11°18	13°52	8°41	22°36	11°53	14°39	27°47	26°14	14° 4	3° 6	T 24
F 25	22 11 0	1°11'29	22°55	14°25	23°42	11°29	13°48	8°38	22°40	11°52	14°40	27°42	26°11	14°11	3°11	F 25
S 26	22 14 56	2° 9'30	7♎18	14°51	24°52	11°41	13°44	8°35	22°43	11°50	14°42	27°37	26° 8	14°18	3°17	S 26
S 27	22 18 53	3° 7'32	21°47	15°26	26° 3	11°53	13°40	8°31	22°46	11°49	14°44	27°32	26° 5	14°24	3°22	S 27
M28	22 22 50	4° 5'36	6♏15	16° 8	27°13	12° 6	13°36	8°28	22°49	11°48	14°46	27°28	26° 1	14°31	3°28	M28
T 29	22 26 46	5° 3'41	20°36	16°58	28°24	12°20	13°31	8°25	22°51	11°47	14°47	27°26	25°58	14°38	3°34	T 29
W30	22 30 43	6° 1'48	4♐49	17°56	29°34	12°35	13°26	8°21	22°54	11°45	14°49	27°D25	25°55	14°44	3°40	W30
T 31	22 34 39	6♍59'56	18♐51	19♌ 0	0♌45	12♑50	13♈21	8♈17	22♋57	11♈44	14♌51	27♋25	25♋52	14♉51	3♏46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n16	9s48	5n10	8n57	4s 7	21n23	2s 3	28s57	5s55	4n22	1s28	1n26	2s32	22n14	0n27	3n21	1s37	24n18	7n59	20n36	20n42	10n33	10s43	1n21
W 2	18 1	14 9	4 45	8 53	4 17	21 28	1 59	28 56	5 54	4 22	1 28	1 26	2 32	22 13	0 27	3 20	1 37	24 17	7 59	20 35	20 43	10 35	10 44	1 21
T 3	17 46	17 41	4 3	8 52	4 25	21 32	1 56	28 56	5 53	4 22	1 28	1 25	2 32	22 13	0 27	3 20	1 37	24 17	7 59	20 35	20 43	10 38	10 45	1 21
F 4	17 30	20 9	3 6	8 53	4 33	21 36	1 53	28 55	5 52	4 22	1 29	1 24	2 33	22 12	0 27	3 20	1 37	24 16	7 59	20 35	20 44	10 40	10 46	1 21
S 5	17 14	21 22	1 58	8 58	4 39	21 39	1 50	28 54	5 51	4 22	1 29	1 23	2 33	22 12	0 27	3 20	1 37	24 16	7 59	20 35	20 45	10 42	10 47	1 21
S 6	16 58	21 15	0 44	9 5	4 44	21 41	1 46	28 53	5 49	4 21	1 29	1 23	2 33	22 11	0 27	3 19	1 37	24 15	7 59	20 35	20 45	10 44	10 48	1 22
M 7	16 42	19 52	0s31	9 14	4 47	21 44	1 43	28 52	5 48	4 21	1 29	1 22	2 33	22 11	0 27	3 19	1 37	24 15	7 59	20 35	20 46	10 46	10 49	1 22
T 8	16 25	17 23	1 43	9 26	4 49	21 45	1 40	28 50	5 46	4 20	1 30	1 21	2 34	22 10	0 27	3 19	1 37	24 14	7 59	20 35	20 46	10 49	10 51	1 22
W 9	16 8	14 2	2 48	9 41	4 49	21 46	1 36	28 49	5 44	4 20	1 30	1 20	2 34	22 9	0 27	3 18	1 37	24 14	7 59	20 35	20 47	10 51	10 52	1 22
T 10	15 51	10 5	3 43	9 58	4 48	21 47	1 33	28 47	5 43	4 19	1 30	1 19	2 34	22 9	0 27	3 18	1 37	24 13	7 59	20 36	20 48	10 53	10 53	1 22
F 11	15 33	5 47	4 26	10 17	4 44	21 46	1 29	28 45	5 41	4 18	1 31	1 18	2 34	22 8	0 27	3 18	1 37	24 13	7 59	20 36	20 48	10 55	10 55	1 22
S 12	15 15	1 20	4 56	10 38	4 38	21 46	1 26	28 43	5 39	4 18	1 31	1 17	2 35	22 8	0 27	3 17	1 37	24 12	8 0	20 37	20 49	10 58	10 56	1 23
S 13	14 57	3n 5	5 12	11 0	4 31	21 45	1 23	28 41	5 37	4 17	1 31	1 16	2 35	22 7	0 27	3 17	1 37	24 12	8 0	20 37	20 50	11 0	10 57	1 23
M14	14 39	7 20	5 13	11 24	4 22	21 43	1 19	28 39	5 35	4 16	1 31	1 15	2 35	22 7	0 27	3 17	1 37	24 11	8 0	20 38	20 50	11 2	10 59	1 23
T 15	14 21	11 17	5 2	11 48	4 11	21 40	1 15	28 36	5 33	4 15	1 32	1 14	2 35	22 6	0 27	3 16	1 37	24 11	8 0	20 38	20 51	11 4	11 0	1 23
W16	14 2	14 47	4 37	12 12	3 58	21 37	1 12	28 34	5 30	4 14	1 32	1 13	2 36	22 6	0 27	3 16	1 37	24 10	8 0	20 38	20 51	11 7	11 2	1 23
T 17	13 43	17 42	4 1	12 37	3 44	21 34	1 8	28 31	5 28	4 12	1 32	1 11	2 36	22 5	0 27	3 15	1 37	24 10	8 0	20 38	20 52	11 9	11 3	1 23
F 18	13 24	19 53	3 13	13 1	3 29	21 30	1 5	28 28	5 26	4 11	1 32	1 10	2 36	22 5	0 27	3 15	1 38	24 9	8 0	20 38	20 53	11 11	11 5	1 23
S 19	13 4	21 12	2 16	13 24	3 13	21 25	1 1	28 25	5 23	4 10	1 33	1 9	2 36	22 4	0 27	3 15	1 38	24 9	8 0	20 37	20 53	11 13	11 6	1 24
S 20	12 45	21 28	1 11	13 46	2 56	21 20	0 58	28 22	5 21	4 9	1 33	1 8	2 37	22 4	0 27	3 14	1 38	24 9	8 0	20 37	20 54	11 15	11 8	1 24
M21	12 25	20 38	0 0	14 7	2 39	21 14	0 54	28 19	5 18	4 7	1 33	1 6	2 37	22 3	0 27	3 14	1 38	24 8	8 0	20 37	20 54	11 18	11 9	1 24
T 22	12 5	18 37	1n12	14 26	2 20	21 7	0 51	28 16	5 16	4 6	1 33	1 5	2 37	22 3	0 27	3 13	1 38	24 8	8 1	20 37	20 55	11 20	11 11	1 24
W23	11 45	15 31	2 21	14 43	2 2	21 0	0 47	28 13	5 13	4 4	1 34	1 4	2 37	22 2	0 27	3 13	1 38	24 7	8 1	20 38	20 56	11 22	11 13	1 24
T 24	11 25	11 29	3 24	14 58	1 44	20 53	0 43	28 9	5 11	4 2	1 34	1 2	2 38	22 2	0 28	3 12	1 38	24 7	8 1	20 38	20 56	11 24	11 14	1 24
F 25	11 4	6 44	4 16	15 10	1 26	20 44	0 40	28 6	5 8	4 1	1 34	1 1	2 38	22 1	0 28	3 12	1 38	24 6	8 1	20 39	20 57	11 26	11 16	1 25
S 26	10 43	1 34	4 52	15 19	1 8	20 35	0 36	28 2	5 5	3 59	1 34	0 59	2 38	22 1	0 28	3 11	1 38	24 6	8 1	20 40	20 57	11 29	11 18	1 25
S 27	10 22	3s43	5 9	15 26	0 50	20 26	0 33	27 58	5 3	3 57	1 35	0 58	2 38	22 0	0 28	3 11	1 38	24 6	8 1	20 41	20 58	11 31	11 20	1 25
M28	10 1	8 47	5 7	15 29	0 34	20 16	0 29	27 54	5 0	3 55	1 35	0 56	2 38	22 0	0 28	3 10	1 38	24 5	8 1	20 42	20 59	11 33	11 21	1 25
T 29	9 40	13 20	4 46	15 30	0 17	20 6	0 26	27 50	4 57	3 53	1 35	0 55	2 39	21 59	0 28	3 10	1 38	24 5	8 2	20 42	20 59	11 35	11 23	1 25
W30	9 19	17 5	4 7	15 27	0 2	19 54	0 22	27 46	4 54	3 51	1 35	0 53	2 39	21 59	0 28	3 9	1 38	24 4	8 2	20 43	21 0	11 38	11 25	1 25
T 31	8n57	19s47	3n14	15n21	0n12	19n43	0s19	27s42	4s52	3n49	1s36	0n52	2s39	21n59	0n28	3n 9	1s38	24n 4	8n 2	20n43	21n 0	11n40	11s27	1n26

Julian Day Number = 2342914.5, Delta T = 13.44 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'19, Lahiri = 19°42'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

SEPTEMBER 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 38 36	7♍58'05	2♉41	20♌11	1♌56	13♉ 6	13°R16	8°R14	23♋ 0	11°R43	14♌53	27♋27	25♋49	14♉58	3♏52	F 1
S 2	22 42 32	8°56'16	16°19	21°28	3° 7	13°23	13♈11	8♈10	23° 3	11♈41	14°54	27°28	25°45	15° 5	3°58	S 2
S 3	22 46 29	9°54'29	29°45	22°51	4°18	13°40	13° 5	8° 6	23° 6	11°40	14°56	27°R28	25°42	15°11	4° 4	S 3
M 4	22 50 25	10°52'43	13♒ 0	24°19	5°29	13°58	13° 0	8° 2	23° 8	11°39	14°58	27°27	25°39	15°18	4°10	M 4
T 5	22 54 22	11°50'58	26° 2	25°52	6°40	14°16	12°54	7°59	23°11	11°37	15° 0	27°24	25°36	15°25	4°16	T 5
W 6	22 58 19	12°49'15	8♓52	27°29	7°51	14°35	12°48	7°55	23°14	11°36	15° 1	27°19	25°33	15°31	4°23	W 6
T 7	23 2 15	13°47'34	21°31	29° 9	9° 3	14°55	12°42	7°51	23°17	11°35	15° 3	27°11	25°30	15°38	4°29	T 7
F 8	23 6 12	14°45'55	3♈57	0♍52	10°14	15°15	12°36	7°46	23°19	11°33	15° 5	27° 3	25°26	15°45	4°35	F 8
S 9	23 10 8	15°44'18	16°12	2°38	11°26	15°36	12°30	7°42	23°22	11°32	15° 6	26°54	25°23	15°52	4°42	S 9
S 10	23 14 5	16°42'43	28°16	4°25	12°37	15°57	12°23	7°38	23°24	11°30	15° 8	26°45	25°20	15°58	4°49	S 10
M11	23 18 1	17°41'10	10♉13	6°15	13°49	16°19	12°17	7°34	23°27	11°29	15° 9	26°38	25°17	16° 5	4°55	M11
T 12	23 21 58	18°39'39	22° 5	8° 5	15° 1	16°42	12°10	7°30	23°29	11°27	15°11	26°32	25°14	16°12	5° 2	T 12
W13	23 25 54	19°38'10	3♊56	9°57	16°13	17° 5	12° 3	7°25	23°32	11°26	15°13	26°29	25°11	16°18	5° 9	W13
T 14	23 29 51	20°36'44	15°51	11°49	17°25	17°28	11°56	7°21	23°34	11°24	15°14	26°D27	25° 7	16°25	5°15	T 14
F 15	23 33 48	21°35'20	27°54	13°41	18°37	17°52	11°49	7°16	23°36	11°23	15°16	26°27	25° 4	16°32	5°22	F 15
S 16	23 37 44	22°33'57	10♋11	15°33	19°49	18°16	11°42	7°12	23°39	11°21	15°17	26°28	25° 1	16°39	5°29	S 16
S 17	23 41 41	23°32'38	22°46	17°25	21° 1	18°41	11°35	7° 8	23°41	11°20	15°19	26°R29	24°58	16°45	5°36	S 17
M18	23 45 37	24°31'20	5♌44	19°17	22°14	19° 6	11°27	7° 3	23°43	11°18	15°20	26°28	24°55	16°52	5°43	M18
T 19	23 49 34	25°30'04	19° 8	21° 8	23°26	19°32	11°20	6°59	23°45	11°16	15°22	26°26	24°51	16°59	5°50	T 19
W20	23 53 30	26°28'51	2♍58	22°59	24°39	19°58	11°12	6°54	23°47	11°15	15°23	26°22	24°48	17° 5	5°57	W20
T 21	23 57 27	27°27'40	17°14	24°49	25°51	20°25	11° 5	6°49	23°50	11°13	15°25	26°15	24°45	17°12	6° 5	T 21
F 22	0 1 23	28°26'31	1♎51	26°39	27° 4	20°52	10°57	6°45	23°52	11°12	15°26	26° 6	24°42	17°19	6°12	F 22
S 23	0 5 20	29°25'23	16°42	28°28	28°17	21°20	10°49	6°40	23°54	11°10	15°28	25°56	24°39	17°25	6°19	S 23
S 24	0 9 16	0♎24'18	1♏37	0♎16	29°29	21°48	10°41	6°35	23°55	11° 8	15°29	25°46	24°36	17°32	6°27	S 24
M25	0 13 13	1°23'15	16°28	2° 3	0♍42	22°16	10°34	6°31	23°57	11° 7	15°30	25°38	24°32	17°39	6°34	M25
T 26	0 17 10	2°22'13	1♐ 7	3°49	1°55	22°45	10°26	6°26	23°59	11° 5	15°32	25°32	24°29	17°46	6°41	T 26
W27	0 21 6	3°21'13	15°30	5°34	3° 8	23°14	10°18	6°21	24° 1	11° 3	15°33	25°29	24°26	17°52	6°49	W27
T 28	0 25 3	4°20'15	29°33	7°19	4°21	23°43	10°10	6°17	24° 3	11° 2	15°34	25°D28	24°23	17°59	6°56	T 28
F 29	0 28 59	5°19'19	13♑16	9° 2	5°34	24°13	10° 2	6°12	24° 5	11° 0	15°36	25°28	24°20	18° 6	7° 4	F 29
S 30	0 32 56	6♎18'25	26♑41	10♎45	6♍48	24♑43	9♈54	6♈ 7	24♋ 6	10♈58	15♌37	25°R28	24♋17	18♉12	7♏12	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n36	21s17	2n10	15n11	0n26	19n31	0s16	27s37	4s49	3n47	1s36	0n50	2s39	21n58	0n28	3n 8	1s38	24n 4	8n 2	20n42	21n 1	11n42	11s29	1n26
S 2	8 14	21 29	1 0	14 59	0 39	19 18	0 12	27 33	4 46	3 44	1 36	0 48	2 39	21 58	0 28	3 7	1 38	24 3	8 2	20 42	21 2	11 44	11 31	1 26
S 3	7 52	20 26	0s12	14 43	0 50	19 4	0 9	27 28	4 43	3 42	1 36	0 47	2 39	21 57	0 28	3 7	1 38	24 3	8 2	20 42	21 2	11 46	11 33	1 26
M 4	7 30	18 16	1 23	14 23	1 1	18 51	0 5	27 23	4 40	3 40	1 36	0 45	2 40	21 57	0 28	3 6	1 38	24 3	8 3	20 42	21 3	11 49	11 34	1 26
T 5	7 8	15 11	2 28	14 1	1 10	18 36	0 2	27 19	4 38	3 37	1 37	0 43	2 40	21 56	0 28	3 6	1 38	24 2	8 3	20 43	21 3	11 51	11 36	1 26
W 6	6 45	11 25	3 24	13 36	1 19	18 21	0n 1	27 14	4 35	3 35	1 37	0 42	2 40	21 56	0 28	3 5	1 38	24 2	8 3	20 44	21 4	11 53	11 38	1 27
T 7	6 23	7 12	4 10	13 8	1 26	18 6	0 5	27 9	4 32	3 32	1 37	0 40	2 40	21 55	0 28	3 5	1 38	24 2	8 3	20 45	21 5	11 55	11 40	1 27
F 8	6 1	2 45	4 42	12 37	1 32	17 50	0 8	27 4	4 29	3 30	1 37	0 38	2 40	21 55	0 28	3 4	1 38	24 1	8 3	20 47	21 5	11 57	11 42	1 27
S 9	5 38	1n45	5 1	12 4	1 37	17 33	0 11	26 58	4 26	3 27	1 37	0 36	2 40	21 55	0 28	3 3	1 38	24 1	8 3	20 49	21 6	12 0	11 44	1 27
S 10	5 15	6 6	5 6	11 29	1 42	17 16	0 14	26 53	4 24	3 24	1 37	0 35	2 40	21 54	0 28	3 3	1 38	24 1	8 4	20 50	21 6	12 2	11 46	1 27
M11	4 52	10 11	4 58	10 51	1 45	16 59	0 17	26 47	4 21	3 22	1 38	0 33	2 41	21 54	0 28	3 2	1 38	24 0	8 4	20 52	21 7	12 4	11 48	1 28
T 12	4 30	13 51	4 37	10 12	1 47	16 41	0 20	26 42	4 18	3 19	1 38	0 31	2 41	21 53	0 28	3 2	1 38	24 0	8 4	20 53	21 7	12 6	11 50	1 28
W13	4 7	16 59	4 4	9 32	1 49	16 22	0 23	26 36	4 15	3 16	1 38	0 29	2 41	21 53	0 28	3 1	1 38	24 0	8 4	20 53	21 8	12 8	11 53	1 28
T 14	3 44	19 24	3 20	8 50	1 50	16 3	0 26	26 30	4 12	3 13	1 38	0 27	2 41	21 53	0 28	3 0	1 39	23 59	8 4	20 54	21 9	12 10	11 55	1 28
F 15	3 20	21 1	2 27	8 7	1 50	15 44	0 29	26 24	4 9	3 10	1 38	0 26	2 41	21 52	0 28	3 0	1 39	23 59	8 5	20 54	21 9	12 13	11 57	1 28
S 16	2 57	21 39	1 26	7 23	1 49	15 24	0 32	26 18	4 7	3 8	1 38	0 24	2 41	21 52	0 28	2 59	1 39	23 59	8 5	20 54	21 10	12 15	11 59	1 28
S 17	2 34	21 14	0 20	6 38	1 48	15 4	0 35	26 12	4 4	3 5	1 38	0 22	2 41	21 52	0 28	2 59	1 39	23 59	8 5	20 53	21 10	12 17	12 1	1 29
M18	2 11	19 40	0n49	5 52	1 46	14 43	0 38	26 5	4 1	3 2	1 38	0 20	2 41	21 51	0 28	2 58	1 39	23 58	8 5	20 54	21 11	12 19	12 3	1 29
T 19	1 47	16 59	1 58	5 6	1 43	14 22	0 41	25 59	3 58	2 59	1 39	0 18	2 41	21 51	0 28	2 57	1 39	23 58	8 5	20 54	21 11	12 21	12 5	1 29
W20	1 24	13 15	3 2	4 19	1 40	14 0	0 43	25 52	3 55	2 56	1 39	0 16	2 42	21 51	0 28	2 57	1 39	23 58	8 6	20 55	21 12	12 24	12 8	1 29
T 21	1 1	8 40	3 56	3 32	1 37	13 38	0 46	25 45	3 53	2 53	1 39	0 14	2 42	21 50	0 28	2 56	1 39	23 58	8 6	20 56	21 13	12 26	12 10	1 29
F 22	0 37	3 29	4 37	2 45	1 33	13 16	0 48	25 38	3 50	2 49	1 39	0 12	2 42	21 50	0 28	2 55	1 39	23 57	8 6	20 58	21 13	12 28	12 12	1 30
S 23	0 14	1s58	4 59	1 58	1 29	12 53	0 51	25 31	3 47	2 46	1 39	0 11	2 42	21 50	0 28	2 55	1 39	23 57	8 6	21 0	21 14	12 30	12 14	1 30
S 24	0s10	7 20	5 1	1 11	1 24	12 30	0 53	25 24	3 44	2 43	1 39	0 9	2 42	21 49	0 28	2 54	1 39	23 57	8 7	21 1	21 14	12 32	12 16	1 30
M25	0 33	12 15	4 43	0 24	1 19	12 7	0 56	25 17	3 42	2 40	1 39	0 7	2 42	21 49	0 28	2 53	1 39	23 57	8 7	21 3	21 15	12 34	12 19	1 30
T 26	0 57	16 23	4 7	0s23	1 14	11 43	0 58	25 9	3 39	2 37	1 39	0 5	2 42	21 49	0 28	2 53	1 39	23 56	8 7	21 4	21 15	12 37	12 21	1 30
W27	1 20	19 27	3 16	1 10	1 8	11 18	1 0	25 1	3 36	2 34	1 39	0 3	2 42	21 48	0 28	2 52	1 39	23 56	8 7	21 5	21 16	12 39	12 23	1 31
T 28	1 44	21 15	2 13	1 57	1 3	10 54	1 3	24 54	3 33	2 31	1 39	0 1	2 42	21 48	0 28	2 51	1 39	23 56	8 7	21 5	21 17	12 41	12 25	1 31
F 29	2 7	21 45	1 4	2 43	0 57	10 29	1 5	24 46	3 31	2 27	1 39	0s 1	2 42	21 48	0 29	2 51	1 39	23 56	8 8	21 5	21 17	12 43	12 28	1 31
S 30	2s30	20s57	0s 7	3s29	0n51	10n 4	1n 7	24s38	3s28	2n24	1s39	0s 3	2s42	21n48	0n29	2n50	1s39	23n56	8n 8	21n 5	21n18	12n45	12s30	1n31

Julian Day Number = 2342945.5, Delta T = 13.41 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'23, Lahiri = 19°42'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

OCTOBER 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 36 52	7♎17'32	9♒50	12♎27	8♍ 1	25♑14	9°R46	6°R 3	24♋ 8	10°R57	15♌38	25°R27	24♋13	18♉19	7♏19	S 1
M 2	0 40 49	8°16'41	22°45	14° 8	9°14	25°45	9♈37	5♈58	24° 9	10♈55	15°40	25♋24	24°10	18°26	7°27	M 2
T 3	0 44 45	9°15'51	5♓28	15°48	10°28	26°16	9°29	5°53	24°11	10°53	15°41	25°19	24° 7	18°33	7°35	T 3
W 4	0 48 42	10°15'04	18° 0	17°28	11°41	26°47	9°21	5°48	24°12	10°52	15°42	25°10	24° 4	18°39	7°42	W 4
T 5	0 52 39	11°14'19	0♈23	19° 7	12°55	27°19	9°13	5°44	24°14	10°50	15°43	24°59	24° 1	18°46	7°50	T 5
F 6	0 56 35	12°13'35	12°37	20°44	14° 8	27°51	9° 5	5°39	24°15	10°48	15°44	24°46	23°57	18°53	7°58	F 6
S 7	1 0 32	13°12'54	24°43	22°22	15°22	28°24	8°57	5°34	24°17	10°47	15°45	24°32	23°54	18°59	8° 6	S 7
S 8	1 4 28	14°12'15	6♉42	23°58	16°35	28°56	8°49	5°30	24°18	10°45	15°47	24°18	23°51	19° 6	8°14	S 8
M 9	1 8 25	15°11'38	18°36	25°34	17°49	29°29	8°41	5°25	24°19	10°43	15°48	24° 6	23°48	19°13	8°21	M 9
T 10	1 12 21	16°11'03	0♊26	27° 9	19° 3	0♒ 2	8°33	5°21	24°20	10°42	15°49	23°56	23°45	19°20	8°29	T 10
W11	1 16 18	17°10'30	12°16	28°43	20°17	0°36	8°25	5°16	24°21	10°40	15°50	23°49	23°42	19°26	8°37	W11
T 12	1 20 14	18°10'00	24° 9	0♏17	21°31	1° 9	8°17	5°12	24°22	10°38	15°51	23°45	23°38	19°33	8°45	T 12
F 13	1 24 11	19° 9'32	6♋ 9	1°50	22°45	1°43	8°10	5° 7	24°23	10°37	15°52	23°43	23°35	19°40	8°53	F 13
S 14	1 28 8	20° 9'06	18°22	3°22	23°59	2°18	8° 2	5° 3	24°24	10°35	15°53	23°43	23°32	19°46	9° 1	S 14
S 15	1 32 4	21° 8'43	0♌53	4°54	25°13	2°52	7°54	4°58	24°25	10°33	15°54	23°43	23°29	19°53	9° 9	S 15
M16	1 36 1	22° 8'22	13°46	6°25	26°27	3°27	7°47	4°54	24°26	10°32	15°55	23°42	23°26	20° 0	9°18	M16
T 17	1 39 57	23° 8'03	27° 7	7°56	27°41	4° 2	7°39	4°49	24°27	10°30	15°56	23°39	23°22	20° 7	9°26	T 17
W18	1 43 54	24° 7'47	10♍58	9°26	28°55	4°37	7°32	4°45	24°28	10°29	15°56	23°33	23°19	20°13	9°34	W18
T 19	1 47 50	25° 7'32	25°19	10°55	0♎10	5°12	7°24	4°41	24°28	10°27	15°57	23°25	23°16	20°20	9°42	T 19
F 20	1 51 47	26° 7'20	10♎ 5	12°24	1°24	5°47	7°17	4°37	24°29	10°25	15°58	23°15	23°13	20°27	9°50	F 20
S 21	1 55 43	27° 7'10	25°11	13°52	2°38	6°23	7°10	4°32	24°30	10°24	15°59	23° 3	23°10	20°33	9°58	S 21
S 22	1 59 40	28° 7'01	10♏25	15°19	3°53	6°59	7° 3	4°28	24°30	10°22	16° 0	22°52	23° 7	20°40	10° 7	S 22
M23	2 3 37	29° 6'55	25°37	16°46	5° 7	7°35	6°56	4°24	24°31	10°21	16° 0	22°42	23° 3	20°47	10°15	M23
T 24	2 7 33	0♏ 6'51	10♐37	18°12	6°22	8°12	6°49	4°20	24°31	10°19	16° 1	22°35	23° 0	20°53	10°23	T 24
W25	2 11 30	1° 6'48	25°16	19°37	7°36	8°48	6°42	4°16	24°31	10°17	16° 2	22°30	22°57	21° 0	10°31	W25
T 26	2 15 26	2° 6'47	9♑31	21° 2	8°51	9°25	6°36	4°12	24°32	10°16	16° 2	22°28	22°54	21° 7	10°39	T 26
F 27	2 19 23	3° 6'48	23°20	22°26	10° 5	10° 2	6°29	4° 9	24°32	10°14	16° 3	22°D27	22°51	21°14	10°48	F 27
S 28	2 23 19	4° 6'50	6♒44	23°49	11°20	10°39	6°23	4° 5	24°32	10°13	16° 4	22°R27	22°48	21°20	10°56	S 28
S 29	2 27 16	5° 6'54	19°47	25°11	12°35	11°16	6°17	4° 1	24°32	10°11	16° 4	22°27	22°44	21°27	11° 4	S 29
M30	2 31 12	6° 6'59	2♓32	26°32	13°49	11°53	6°11	3°58	24°32	10°10	16° 5	22°24	22°41	21°34	11°13	M30
T 31	2 35 9	7♏ 7'06	15♓ 3	27♏52	15♎ 4	12♒31	6♈ 5	3♈54	24°R32	10♈ 9	16♌ 5	22♋19	22♋38	21♉40	11♏21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s54	19s 1	1s15	4s15	0n44	9n38	1n 9	24s29	3s25	2n21	1s39	0s 5	2s42	21n47	0n29	2n49	1s39	23n56	8n 8	21n 5	21n18	12n47	12s32	1n31
M 2	3 17	16 9	2 19	5 0	0 38	9 13	1 11	24 21	3 23	2 18	1 39	0 6	2 42	21 47	0 29	2 49	1 39	23 55	8 8	21 5	21 19	12 50	12 35	1 32
T 3	3 41	12 32	3 15	5 45	0 31	8 47	1 13	24 12	3 20	2 15	1 39	0 8	2 42	21 47	0 29	2 48	1 39	23 55	8 9	21 7	21 19	12 52	12 37	1 32
W 4	4 4	8 26	4 0	6 29	0 25	8 20	1 14	24 4	3 18	2 12	1 39	0 10	2 42	21 47	0 29	2 47	1 39	23 55	8 9	21 8	21 20	12 54	12 39	1 32
T 5	4 27	4 2	4 33	7 13	0 18	7 54	1 16	23 55	3 15	2 8	1 39	0 12	2 42	21 46	0 29	2 47	1 39	23 55	8 9	21 10	21 20	12 56	12 41	1 32
F 6	4 50	0n29	4 53	7 56	0 11	7 27	1 18	23 46	3 12	2 5	1 39	0 14	2 42	21 46	0 29	2 46	1 39	23 55	8 9	21 12	21 21	12 58	12 44	1 32
S 7	5 14	4 56	5 0	8 39	0 4	7 0	1 19	23 37	3 10	2 2	1 39	0 16	2 42	21 46	0 29	2 45	1 39	23 55	8 10	21 15	21 22	13 0	12 46	1 33
S 8	5 37	9 9	4 53	9 21	0s 3	6 33	1 21	23 27	3 7	1 59	1 39	0 17	2 42	21 46	0 29	2 45	1 39	23 55	8 10	21 17	21 22	13 3	12 48	1 33
M 9	6 0	13 0	4 34	10 3	0 9	6 5	1 22	23 18	3 5	1 56	1 39	0 19	2 42	21 46	0 29	2 44	1 39	23 55	8 10	21 19	21 23	13 5	12 51	1 33
T 10	6 23	16 20	4 2	10 44	0 16	5 37	1 24	23 8	3 2	1 53	1 39	0 21	2 42	21 45	0 29	2 43	1 39	23 55	8 11	21 21	21 23	13 7	12 53	1 33
W11	6 45	18 59	3 20	11 24	0 23	5 10	1 25	22 59	3 0	1 50	1 39	0 23	2 42	21 45	0 29	2 43	1 39	23 55	8 11	21 22	21 24	13 9	12 55	1 33
T 12	7 8	20 51	2 29	12 4	0 30	4 41	1 26	22 49	2 57	1 47	1 39	0 25	2 42	21 45	0 29	2 42	1 39	23 54	8 11	21 23	21 24	13 11	12 58	1 34
F 13	7 31	21 49	1 31	12 43	0 37	4 13	1 27	22 39	2 55	1 44	1 39	0 26	2 42	21 45	0 29	2 42	1 39	23 54	8 11	21 23	21 25	13 13	13 0	1 34
S 14	7 53	21 45	0 28	13 21	0 44	3 45	1 28	22 28	2 52	1 41	1 39	0 28	2 42	21 45	0 29	2 41	1 39	23 54	8 12	21 24	21 25	13 15	13 2	1 34
S 15	8 16	20 37	0n38	13 58	0 51	3 16	1 29	22 18	2 50	1 38	1 38	0 30	2 42	21 45	0 29	2 40	1 39	23 54	8 12	21 24	21 26	13 18	13 5	1 34
M16	8 38	18 23	1 44	14 35	0 57	2 48	1 30	22 8	2 47	1 35	1 38	0 31	2 42	21 45	0 29	2 40	1 39	23 54	8 12	21 24	21 26	13 20	13 7	1 35
T 17	9 0	15 6	2 47	15 11	1 4	2 19	1 31	21 57	2 45	1 32	1 38	0 33	2 42	21 44	0 29	2 39	1 39	23 54	8 13	21 24	21 27	13 22	13 9	1 35
W18	9 22	10 53	3 42	15 46	1 11	1 50	1 32	21 46	2 42	1 29	1 38	0 35	2 41	21 44	0 29	2 38	1 39	23 54	8 13	21 25	21 28	13 24	13 12	1 35
T 19	9 44	5 55	4 25	16 21	1 17	1 21	1 33	21 35	2 40	1 27	1 38	0 36	2 41	21 44	0 29	2 38	1 39	23 54	8 13	21 27	21 28	13 26	13 14	1 35
F 20	10 6	0 29	4 52	16 54	1 24	0 52	1 33	21 24	2 38	1 24	1 38	0 38	2 41	21 44	0 29	2 37	1 39	23 54	8 13	21 28	21 29	13 28	13 17	1 35
S 21	10 28	5s 6	5 0	17 27	1 30	0 23	1 34	21 13	2 35	1 21	1 38	0 39	2 41	21 44	0 29	2 36	1 39	23 54	8 14	21 30	21 29	13 30	13 19	1 36
S 22	10 49	10 26	4 46	17 59	1 36	0s 6	1 34	21 1	2 33	1 18	1 38	0 41	2 41	21 44	0 29	2 36	1 39	23 54	8 14	21 32	21 30	13 33	13 21	1 36
M23	11 11	15 6	4 13	18 30	1 42	0 35	1 35	20 50	2 31	1 16	1 37	0 43	2 41	21 44	0 29	2 35	1 39	23 54	8 14	21 34	21 30	13 35	13 24	1 36
T 24	11 32	18 45	3 22	19 0	1 48	1 4	1 35	20 38	2 28	1 13	1 37	0 44	2 41	21 44	0 29	2 35	1 39	23 55	8 15	21 35	21 31	13 37	13 26	1 36
W25	11 53	21 5	2 18	19 29	1 53	1 34	1 35	20 26	2 26	1 11	1 37	0 45	2 41	21 44	0 29	2 34	1 39	23 55	8 15	21 36	21 31	13 39	13 28	1 37
T 26	12 14	22 0	1 8	19 57	1 59	2 3	1 36	20 14	2 24	1 8	1 37	0 47	2 41	21 44	0 29	2 34	1 39	23 55	8 15	21 36	21 32	13 41	13 31	1 37
F 27	12 34	21 32	0s 5	20 24	2 4	2 32	1 36	20 2	2 21	1 6	1 37	0 48	2 40	21 44	0 29	2 33	1 39	23 55	8 15	21 36	21 32	13 43	13 33	1 37
S 28	12 55	19 49	1 15	20 50	2 9	3 1	1 36	19 49	2 19	1 4	1 37	0 50	2 40	21 44	0 29	2 32	1 39	23 55	8 16	21 36	21 33	13 45	13 35	1 37
S 29	13 15	17 6	2 19	21 15	2 14	3 30	1 36	19 37	2 17	1 1	1 36	0 51	2 40	21 44	0 30	2 32	1 39	23 55	8 16	21 36	21 33	13 47	13 38	1 38
M30	13 35	13 37	3 15	21 39	2 18	4 0	1 36	19 24	2 15	0 59	1 36	0 52	2 40	21 44	0 30	2 31	1 39	23 55	8 16	21 37	21 34	13 50	13 40	1 38
T 31	13s55	9s36	4s 0	22s 2	2s22	4s29	1n35	19s12	2s12	0n57	1s36	0s54	2s40	21n44	0n30	2n31	1s39	23n55	8n17	21n38	21n34	13n52	13s42	1n38

Julian Day Number = 2342975.5, Delta T = 13.38 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'27, Lahiri = 19°42'27Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1702
geocentric

NOVEMBER 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 6	8♏ 7'14	27♓22	29♏11	16♎19	13♒ 9	5°R59	3°R51	24°R32	10°R 7	16♌ 6	22°R10	22♋35	21♉47	11♏29	W 1
T 2	2 43 2	9° 7'25	9♈32	0♐29	17°33	13°46	5♈54	3♈47	24♋32	10♈ 6	16° 6	21♋59	22°32	21°54	11°37	T 2
F 3	2 46 59	10° 7'36	21°35	1°45	18°48	14°24	5°48	3°44	24°32	10° 4	16° 7	21°47	22°28	22° 1	11°46	F 3
S 4	2 50 55	11° 7'50	3♉33	3° 0	20° 3	15° 3	5°43	3°41	24°32	10° 3	16° 7	21°33	22°25	22° 7	11°54	S 4
S 5	2 54 52	12° 8'05	15°28	4°13	21°18	15°41	5°38	3°37	24°32	10° 2	16° 8	21°20	22°22	22°14	12° 2	S 5
M 6	2 58 48	13° 8'22	27°19	5°24	22°33	16°19	5°33	3°34	24°32	10° 0	16° 8	21° 8	22°19	22°21	12°11	M 6
T 7	3 2 45	14° 8'41	9♊ 9	6°33	23°48	16°58	5°28	3°31	24°31	9°59	16° 8	20°58	22°16	22°27	12°19	T 7
W 8	3 6 41	15° 9'01	21° 1	7°40	25° 3	17°36	5°24	3°28	24°31	9°58	16° 9	20°51	22°13	22°34	12°27	W 8
T 9	3 10 38	16° 9'24	2♋55	8°44	26°18	18°15	5°20	3°26	24°30	9°56	16° 9	20°47	22° 9	22°41	12°35	T 9
F 10	3 14 35	17° 9'48	14°57	9°45	27°33	18°54	5°15	3°23	24°30	9°55	16° 9	20°45	22° 6	22°47	12°44	F 10
S 11	3 18 31	18°10'15	27°10	10°43	28°48	19°33	5°11	3°20	24°29	9°54	16° 9	20°D45	22° 3	22°54	12°52	S 11
S 12	3 22 28	19°10'43	9♌38	11°37	0♏ 3	20°12	5° 8	3°18	24°29	9°53	16°10	20°46	22° 0	23° 1	13° 0	S 12
M13	3 26 24	20°11'13	22°27	12°27	1°18	20°51	5° 4	3°15	24°28	9°51	16°10	20°R46	21°57	23° 8	13° 9	M13
T 14	3 30 21	21°11'44	5♍40	13°12	2°33	21°30	5° 1	3°13	24°27	9°50	16°10	20°45	21°54	23°14	13°17	T 14
W15	3 34 17	22°12'18	19°22	13°51	3°48	22°10	4°57	3°11	24°26	9°49	16°10	20°42	21°50	23°21	13°25	W15
T 16	3 38 14	23°12'53	3♎33	14°24	5° 3	22°49	4°54	3° 8	24°26	9°48	16°10	20°36	21°47	23°28	13°33	T 16
F 17	3 42 10	24°13'30	18°12	14°51	6°19	23°29	4°52	3° 6	24°25	9°47	16°10	20°29	21°44	23°34	13°41	F 17
S 18	3 46 7	25°14'09	3♏14	15° 9	7°34	24° 8	4°49	3° 4	24°24	9°46	16°R10	20°20	21°41	23°41	13°50	S 18
S 19	3 50 4	26°14'49	18°31	15°20	8°49	24°48	4°47	3° 2	24°23	9°45	16°10	20°11	21°38	23°48	13°58	S 19
M20	3 54 0	27°15'31	3♐50	15°R21	10° 4	25°28	4°44	3° 1	24°22	9°44	16°10	20° 4	21°34	23°54	14° 6	M20
T 21	3 57 57	28°16'15	19° 2	15°13	11°20	26° 8	4°42	2°59	24°21	9°43	16°10	19°58	21°31	24° 1	14°14	T 21
W22	4 1 53	29°16'59	3♑55	14°54	12°35	26°48	4°41	2°57	24°20	9°42	16°10	19°55	21°28	24° 8	14°22	W22
T 23	4 5 50	0♐17'45	18°24	14°24	13°50	27°28	4°39	2°56	24°18	9°41	16°10	19°D54	21°25	24°15	14°30	T 23
F 24	4 9 46	1°18'32	2♒26	13°43	15° 5	28° 8	4°38	2°55	24°17	9°40	16° 9	19°54	21°22	24°21	14°38	F 24
S 25	4 13 43	2°19'19	15°59	12°52	16°21	28°48	4°36	2°53	24°16	9°39	16° 9	19°55	21°19	24°28	14°46	S 25
S 26	4 17 39	3°20'08	29° 7	11°51	17°36	29°29	4°35	2°52	24°15	9°38	16° 9	19°R56	21°15	24°35	14°54	S 26
M27	4 21 36	4°20'57	11♓53	10°41	18°51	0♓ 9	4°35	2°51	24°13	9°37	16° 9	19°56	21°12	24°41	15° 2	M27
T 28	4 25 33	5°21'48	24°20	9°24	20° 7	0°50	4°34	2°50	24°12	9°37	16° 9	19°54	21° 9	24°48	15°10	T 28
W29	4 29 29	6°22'39	6♈33	8° 3	21°22	1°30	4°34	2°49	24°10	9°36	16° 8	19°50	21° 6	24°55	15°18	W29
T 30	4 33 26	7♐23'31	18♈36	6♐41	22♏37	2♓11	4°D34	2♈49	24♋ 9	9♈35	16♌ 8	19♋44	21♋ 3	25♉ 1	15♏26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s14	5s14	4s34	22s23	2s26	4s58	1n35	18s59	2s10	0n55	1s36	0s55	2s40	21n44	0n30	2n30	1s39	23n55	8n17	21n39	21n35	13n54	13s44	1n38
T 2	14 34	0 43	4 54	22 43	2 30	5 27	1 35	18 46	2 8	0 53	1 35	0 56	2 40	21 44	0 30	2 30	1 39	23 55	8 17	21 41	21 35	13 56	13 47	1 39
F 3	14 53	3n46	5 1	23 2	2 33	5 55	1 34	18 33	2 6	0 51	1 35	0 57	2 39	21 44	0 30	2 29	1 39	23 56	8 18	21 43	21 36	13 58	13 49	1 39
S 4	15 11	8 6	4 55	23 20	2 35	6 24	1 34	18 19	2 4	0 49	1 35	0 58	2 39	21 44	0 30	2 29	1 38	23 56	8 18	21 45	21 37	14 0	13 51	1 39
S 5	15 30	12 6	4 35	23 36	2 38	6 53	1 33	18 6	2 2	0 47	1 35	0 59	2 39	21 44	0 30	2 28	1 38	23 56	8 18	21 47	21 37	14 2	13 54	1 40
M 6	15 48	15 38	4 4	23 51	2 40	7 21	1 33	17 52	2 0	0 46	1 35	1 0	2 39	21 44	0 30	2 28	1 38	23 56	8 18	21 49	21 38	14 4	13 56	1 40
T 7	16 7	18 32	3 22	24 5	2 41	7 49	1 32	17 39	1 57	0 44	1 34	1 1	2 39	21 44	0 30	2 27	1 38	23 56	8 19	21 50	21 38	14 6	13 58	1 40
W 8	16 24	20 39	2 31	24 17	2 41	8 18	1 31	17 25	1 55	0 43	1 34	1 2	2 39	21 45	0 30	2 27	1 38	23 57	8 19	21 51	21 39	14 9	14 0	1 40
T 9	16 42	21 53	1 34	24 27	2 42	8 46	1 31	17 11	1 53	0 41	1 34	1 3	2 38	21 45	0 30	2 26	1 38	23 57	8 19	21 52	21 39	14 11	14 3	1 41
F 10	16 59	22 7	0 31	24 36	2 41	9 13	1 30	16 57	1 51	0 40	1 34	1 4	2 38	21 45	0 30	2 26	1 38	23 57	8 20	21 52	21 40	14 13	14 5	1 41
S 11	17 16	21 19	0n34	24 43	2 40	9 41	1 29	16 42	1 49	0 38	1 33	1 5	2 38	21 45	0 30	2 25	1 38	23 57	8 20	21 52	21 40	14 15	14 7	1 41
S 12	17 33	19 28	1 39	24 49	2 37	10 8	1 28	16 28	1 47	0 37	1 33	1 6	2 38	21 45	0 30	2 25	1 38	23 57	8 20	21 52	21 41	14 17	14 9	1 42
M13	17 49	16 35	2 41	24 52	2 34	10 35	1 27	16 14	1 45	0 36	1 33	1 7	2 38	21 45	0 30	2 24	1 38	23 58	8 21	21 52	21 41	14 19	14 11	1 42
T 14	18 5	12 48	3 36	24 54	2 30	11 2	1 26	15 59	1 43	0 35	1 33	1 8	2 37	21 45	0 30	2 24	1 38	23 58	8 21	21 52	21 42	14 21	14 14	1 42
W15	18 21	8 13	4 21	24 54	2 25	11 29	1 24	15 44	1 41	0 34	1 32	1 8	2 37	21 46	0 30	2 23	1 38	23 58	8 21	21 53	21 42	14 23	14 16	1 42
T 16	18 36	3 3	4 52	24 52	2 19	11 55	1 23	15 30	1 39	0 33	1 32	1 9	2 37	21 46	0 30	2 23	1 38	23 58	8 22	21 54	21 43	14 25	14 18	1 43
F 17	18 51	2s27	5 5	24 48	2 12	12 21	1 22	15 15	1 37	0 32	1 32	1 10	2 37	21 46	0 30	2 23	1 38	23 59	8 22	21 55	21 43	14 27	14 20	1 43
S 18	19 6	7 57	4 58	24 41	2 3	12 47	1 20	15 0	1 35	0 31	1 31	1 10	2 37	21 46	0 30	2 22	1 38	23 59	8 22	21 56	21 44	14 29	14 22	1 43
S 19	19 21	13 3	4 29	24 32	1 53	13 13	1 19	14 45	1 33	0 30	1 31	1 11	2 36	21 46	0 30	2 22	1 38	23 59	8 23	21 57	21 44	14 32	14 24	1 44
M20	19 35	17 19	3 41	24 21	1 42	13 38	1 18	14 29	1 32	0 30	1 31	1 11	2 36	21 46	0 30	2 22	1 38	24 0	8 23	21 59	21 45	14 34	14 26	1 44
T 21	19 48	20 24	2 38	24 7	1 29	14 3	1 16	14 14	1 30	0 29	1 31	1 12	2 36	21 47	0 30	2 21	1 38	24 0	8 23	21 59	21 45	14 36	14 29	1 44
W22	20 2	22 0	1 25	23 51	1 14	14 27	1 14	13 59	1 28	0 29	1 30	1 12	2 36	21 47	0 30	2 21	1 38	24 0	8 23	22 0	21 46	14 38	14 31	1 45
T 23	20 15	22 5	0 8	23 31	0 58	14 52	1 13	13 43	1 26	0 28	1 30	1 13	2 35	21 47	0 30	2 20	1 38	24 1	8 24	22 0	21 46	14 40	14 33	1 45
F 24	20 27	20 44	1s 7	23 9	0 40	15 15	1 11	13 27	1 24	0 28	1 30	1 13	2 35	21 47	0 30	2 20	1 38	24 1	8 24	22 0	21 47	14 42	14 35	1 45
S 25	20 39	18 14	2 16	22 44	0 22	15 39	1 9	13 12	1 22	0 28	1 29	1 13	2 35	21 48	0 30	2 20	1 38	24 1	8 24	22 0	21 47	14 44	14 37	1 46
S 26	20 51	14 51	3 16	22 17	0 2	16 2	1 8	12 56	1 21	0 28	1 29	1 13	2 35	21 48	0 30	2 20	1 38	24 2	8 25	22 0	21 48	14 46	14 39	1 46
M27	21 3	10 52	4 4	21 47	0n18	16 24	1 6	12 40	1 19	0 28	1 29	1 14	2 35	21 48	0 30	2 19	1 38	24 2	8 25	22 0	21 48	14 48	14 41	1 46
T 28	21 14	6 31	4 39	21 16	0 39	16 46	1 4	12 24	1 17	0 28	1 29	1 14	2 34	21 49	0 31	2 19	1 38	24 2	8 25	22 0	21 49	14 50	14 43	1 46
W29	21 24	2 0	5 1	20 43	0 59	17 8	1 2	12 8	1 15	0 28	1 28	1 14	2 34	21 49	0 31	2 19	1 38	24 3	8 26	22 1	21 49	14 52	14 45	1 47
T 30	21s35	2n32	5s 9	20s10	1n18	17s29	1n 0	11s52	1s14	0n28	1s28	1s14	2s34	21n49	0n31	2n19	1s38	24n 3	8n26	22n 1	21n50	14n54	14s47	1n47

Julian Day Number = 2343006.5, Delta T = 13.36 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'31, Lahiri = 19°42'32Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1702
geocentric

DECEMBER 1702 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 37 22	8♐24'24	0♉33	5°R19	23♏53	2♓51	4♈34	2°R48	24°R 7	9°R34	16°R 8	19°R37	21♋ 0	25♉ 8	15♏34	F 1
S 2	4 41 19	9°25'18	12°26	4♐ 1	25° 8	3°32	4°34	2♈47	24♋ 6	9♈34	16♎ 7	19♋29	20°56	25°15	15°42	S 2
S 3	4 45 15	10°26'13	24°17	2°49	26°24	4°13	4°35	2°47	24° 4	9°33	16° 7	19°21	20°53	25°22	15°50	S 3
M 4	4 49 12	11°27'09	6♊ 8	1°45	27°39	4°53	4°35	2°47	24° 2	9°33	16° 6	19°14	20°50	25°28	15°58	M 4
T 5	4 53 8	12°28'05	18° 2	0°51	28°54	5°34	4°36	2°46	24° 1	9°32	16° 6	19° 8	20°47	25°35	16° 5	T 5
W 6	4 57 5	13°29'03	29°59	0° 8	0♐10	6°15	4°37	2°D46	23°59	9°32	16° 5	19° 4	20°44	25°42	16°13	W 6
T 7	5 1 2	14°30'02	12♋ 2	29♏37	1°25	6°56	4°39	2°46	23°57	9°31	16° 5	19° 3	20°40	25°48	16°21	T 7
F 8	5 4 58	15°31'01	24°12	29°16	2°41	7°37	4°40	2°47	23°55	9°31	16° 4	19°D 2	20°37	25°55	16°28	F 8
S 9	5 8 55	16°32'02	6♌33	29°D 7	3°56	8°18	4°42	2°47	23°53	9°30	16° 4	19° 4	20°34	26° 2	16°36	S 9
S 10	5 12 51	17°33'04	19° 7	29° 8	5°11	8°59	4°44	2°47	23°51	9°30	16° 3	19° 5	20°31	26° 8	16°43	S 10
M11	5 16 48	18°34'06	1♍57	29°18	6°27	9°40	4°46	2°48	23°50	9°29	16° 2	19° 7	20°28	26°15	16°51	M11
T 12	5 20 44	19°35'10	15° 8	29°38	7°42	10°21	4°48	2°48	23°48	9°29	16° 2	19°R 8	20°25	26°22	16°58	T 12
W13	5 24 41	20°36'14	28°41	0♐ 6	8°58	11° 3	4°51	2°49	23°45	9°29	16° 1	19° 8	20°21	26°29	17° 6	W13
T 14	5 28 37	21°37'19	12♎39	0°40	10°13	11°44	4°54	2°50	23°43	9°28	16° 0	19° 6	20°18	26°35	17°13	T 14
F 15	5 32 34	22°38'26	27° 1	1°22	11°29	12°25	4°57	2°51	23°41	9°28	16° 0	19° 4	20°15	26°42	17°20	F 15
S 16	5 36 31	23°39'33	11♏44	2° 9	12°44	13° 6	5° 0	2°52	23°39	9°28	15°59	19° 0	20°12	26°49	17°28	S 16
S 17	5 40 27	24°40'41	26°43	3° 1	14° 0	13°48	5° 3	2°53	23°37	9°28	15°58	18°56	20° 9	26°55	17°35	S 17
M18	5 44 24	25°41'49	11♐50	3°58	15°15	14°29	5° 7	2°54	23°35	9°28	15°57	18°53	20° 6	27° 2	17°42	M18
T 19	5 48 20	26°42'59	26°55	4°58	16°31	15°10	5°10	2°55	23°33	9°28	15°56	18°51	20° 2	27° 9	17°49	T 19
W20	5 52 17	27°44'08	11♑49	6° 2	17°46	15°52	5°14	2°57	23°30	9°28	15°56	18°D50	19°59	27°15	17°56	W20
T 21	5 56 13	28°45'18	26°24	7° 9	19° 2	16°33	5°18	2°58	23°28	9°D28	15°55	18°50	19°56	27°22	18° 3	T 21
F 22	6 0 10	29°46'28	10♒34	8°19	20°17	17°15	5°23	3° 0	23°26	9°28	15°54	18°51	19°53	27°29	18°10	F 22
S 23	6 4 6	0♑47'38	24°18	9°31	21°33	17°56	5°27	3° 2	23°23	9°28	15°53	18°52	19°50	27°36	18°17	S 23
S 24	6 8 3	1°48'49	7♓35	10°45	22°48	18°37	5°32	3° 3	23°21	9°28	15°52	18°54	19°46	27°42	18°24	S 24
M25	6 12 0	2°49'59	20°27	12° 1	24° 4	19°19	5°37	3° 5	23°19	9°28	15°51	18°55	19°43	27°49	18°31	M25
T 26	6 15 56	3°51'08	2♈59	13°19	25°19	20° 1	5°42	3° 7	23°16	9°28	15°50	18°R55	19°40	27°56	18°37	T 26
W27	6 19 53	4°52'18	15°13	14°38	26°35	20°42	5°47	3°10	23°14	9°28	15°49	18°55	19°37	28° 2	18°44	W27
T 28	6 23 49	5°53'28	27°16	15°58	27°50	21°24	5°53	3°12	23°11	9°28	15°48	18°54	19°34	28° 9	18°50	T 28
F 29	6 27 46	6°54'37	9♉10	17°20	29° 6	22° 5	5°58	3°14	23° 9	9°29	15°47	18°52	19°31	28°16	18°57	F 29
S 30	6 31 42	7°55'47	21° 0	18°43	0♑21	22°47	6° 4	3°17	23° 6	9°29	15°46	18°51	19°27	28°22	19° 3	S 30
S 31	6 35 39	8♑56'56	2♊51	20♐ 6	1♑36	23♓28	6♈10	3♈19	23♋ 4	9♈29	15♎45	18♋49	19♋24	28♉29	19♏10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s45	6n57	5s 3	19s38	1n36	17s50	0n58	11s35	1s12	0n29	1s28	1s14	2s34	21n49	0n31	2n18	1s38	24n 4	8n26	22n 2	21n50	14n56	14s49	1n48	F 1
S 2	21 54	11 4	4 45	19 8	1 53	18 10	0 56	11 19	1 10	0 29	1 27	1 14	2 33	21 50	0 31	2 18	1 37	24 4	8 26	22 4	21 51	14 58	14 51	1 48	S 2
S 3	22 3	14 46	4 14	18 40	2 7	18 30	0 54	11 2	1 8	0 29	1 27	1 14	2 33	21 50	0 31	2 18	1 37	24 4	8 27	22 5	21 51	15 1	14 53	1 48	S 3
M 4	22 11	17 53	3 32	18 16	2 20	18 49	0 52	10 46	1 7	0 30	1 27	1 14	2 33	21 50	0 31	2 18	1 37	24 5	8 27	22 6	21 52	15 3	14 54	1 49	M 4
T 5	22 20	20 16	2 41	17 55	2 30	19 8	0 50	10 29	1 5	0 31	1 26	1 14	2 33	21 51	0 31	2 18	1 37	24 5	8 27	22 7	21 52	15 5	14 56	1 49	T 5
W 6	22 27	21 46	1 42	17 39	2 38	19 26	0 48	10 13	1 3	0 31	1 26	1 13	2 32	21 51	0 31	2 17	1 37	24 6	8 28	22 7	21 53	15 7	14 58	1 49	W 6
T 7	22 34	22 18	0 38	17 26	2 43	19 44	0 45	9 56	1 2	0 32	1 26	1 13	2 32	21 51	0 31	2 17	1 37	24 6	8 28	22 7	21 53	15 9	15 0	1 50	T 7
F 8	22 41	21 46	0n28	17 18	2 47	20 1	0 43	9 39	1 0	0 33	1 25	1 13	2 32	21 52	0 31	2 17	1 37	24 7	8 28	22 7	21 54	15 11	15 2	1 50	F 8
S 9	22 48	20 11	1 34	17 15	2 49	20 18	0 41	9 22	0 58	0 34	1 25	1 13	2 32	21 52	0 31	2 17	1 37	24 7	8 29	22 7	21 54	15 13	15 4	1 50	S 9
S 10	22 54	17 36	2 37	17 15	2 49	20 34	0 39	9 6	0 57	0 35	1 25	1 12	2 31	21 52	0 31	2 17	1 37	24 7	8 29	22 7	21 54	15 15	15 5	1 51	S 10
M11	22 59	14 7	3 34	17 18	2 48	20 49	0 36	8 49	0 55	0 36	1 25	1 12	2 31	21 53	0 31	2 17	1 37	24 8	8 29	22 7	21 55	15 17	15 7	1 51	M11
T 12	23 4	9 52	4 21	17 25	2 45	21 4	0 34	8 32	0 54	0 37	1 24	1 11	2 31	21 53	0 31	2 17	1 37	24 8	8 29	22 7	21 55	15 19	15 9	1 51	T 12
W13	23 9	5 1	4 54	17 34	2 41	21 18	0 32	8 14	0 52	0 39	1 24	1 11	2 31	21 54	0 31	2 17	1 37	24 9	8 30	22 7	21 56	15 21	15 11	1 52	W13
T 14	23 13	0s13	5 12	17 46	2 37	21 32	0 29	7 57	0 51	0 40	1 24	1 10	2 30	21 54	0 31	2 16	1 37	24 9	8 30	22 7	21 56	15 23	15 12	1 52	T 14
F 15	23 16	5 35	5 11	18 0	2 31	21 45	0 27	7 40	0 49	0 41	1 23	1 10	2 30	21 54	0 31	2 16	1 37	24 10	8 30	22 7	21 57	15 25	15 14	1 53	F 15
S 16	23 19	10 47	4 50	18 15	2 26	21 57	0 25	7 23	0 48	0 43	1 23	1 9	2 30	21 55	0 31	2 16	1 37	24 10	8 30	22 8	21 57	15 27	15 16	1 53	S 16
S 17	23 22	15 25	4 9	18 31	2 19	22 9	0 22	7 6	0 46	0 45	1 23	1 8	2 30	21 55	0 31	2 16	1 37	24 11	8 31	22 8	21 58	15 29	15 17	1 53	S 17
M18	23 24	19 6	3 10	18 49	2 12	22 20	0 20	6 48	0 45	0 46	1 22	1 8	2 29	21 55	0 31	2 16	1 37	24 11	8 31	22 9	21 58	15 31	15 19	1 54	M18
T 19	23 26	21 29	1 58	19 7	2 5	22 30	0 17	6 31	0 43	0 48	1 22	1 7	2 29	21 56	0 31	2 16	1 37	24 12	8 31	22 9	21 59	15 33	15 21	1 54	T 19
W20	23 27	22 19	0 39	19 25	1 57	22 40	0 15	6 14	0 42	0 50	1 22	1 6	2 29	21 56	0 31	2 16	1 37	24 12	8 32	22 9	21 59	15 35	15 22	1 55	W20
T 21	23 28	21 35	0s42	19 44	1 49	22 49	0 13	5 56	0 40	0 52	1 22	1 5	2 29	21 57	0 31	2 16	1 37	24 13	8 32	22 9	22 0	15 37	15 24	1 55	T 21
F 22	23 29	19 30	1 57	20 3	1 41	22 57	0 10	5 39	0 39	0 54	1 21	1 4	2 28	21 57	0 31	2 16	1 37	24 13	8 32	22 9	22 0	15 39	15 25	1 55	F 22
S 23	23 28	16 20	3 4	20 22	1 33	23 5	0 8	5 21	0 37	0 56	1 21	1 4	2 28	21 58	0 31	2 17	1 36	24 14	8 32	22 9	22 1	15 41	15 27	1 56	S 23
S 24	23 28	12 25	3 58	20 41	1 25	23 12	0 5	5 4	0 36	0 58	1 21	1 3	2 28	21 58	0 31	2 17	1 36	24 14	8 33	22 9	22 1	15 43	15 28	1 56	S 24
M25	23 27	8 3	4 38	21 0	1 17	23 18	0 3	4 46	0 35	1 0	1 20	1 2	2 28	21 58	0 31	2 17	1 36	24 15	8 33	22 8	22 2	15 45	15 30	1 57	M25
T 26	23 25	3 28	5 4	21 18	1 9	23 23	0 0	4 28	0 33	1 2	1 20	1 1	2 27	21 59	0 31	2 17	1 36	24 16	8 33	22 8	22 2	15 47	15 31	1 57	T 26
W27	23 23	1n 9	5 16	21 35	1 1	23 28	0s 2	4 11	0 32	1 5	1 20	0 59	2 27	21 59	0 31	2 17	1 36	24 16	8 33	22 8	22 2	15 49	15 32	1 57	W27
T 28	23 21	5 38	5 13	21 52	0 52	23 32	0 4	3 53	0 31	1 7	1 20	0 58	2 27	22 0	0 31	2 17	1 36	24 17	8 34	22 9	22 3	15 51	15 34	1 58	T 28
F 29	23 18	9 53	4 57	22 8	0 44	23 35	0 7	3 36	0 29	1 10	1 19	0 57	2 27	22 0	0 31	2 17	1 36	24 17	8 34	22 9	22 3	15 53	15 35	1 58	F 29
S 30	23 14	13 43	4 28	22 24	0 36	23 38	0 9	3 18	0 28	1 12	1 19	0 56	2 26	22 1	0 31	2 17	1 36	24 18	8 34	22 9	22 4	15 55	15 37	1 59	S 30
S 31	23s10	17n 2	3s48	22s39	0n28	23s40	0s12	3s 0	0s27	1n15	1s19	0s55	2s26	22n 1	0n31	2n18	1s36	24n18	8n34	22n 9	22n 4	15n57	15s38	1n59	S 31

Julian Day Number = 2343036.5, Delta T = 13.33 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'35, Lahiri = 19°42'36Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

JANUARY 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 39 35	9♑58'05	14♊44	21♐31	2♑52	24♓10	6♈16	3♈22	23°R 1	9♈30	15°R44	18°R48	19♋21	28♉36	19♏16	M 1
T 2	6 43 32	10°59'14	26°43	22°56	4° 7	24°52	6°22	3°25	22♋59	9°30	15♌43	18♋47	19°18	28°42	19°22	T 2
W 3	6 47 29	12° 0'22	8♋49	24°22	5°23	25°33	6°29	3°28	22°56	9°30	15°41	18°46	19°15	28°49	19°28	W 3
T 4	6 51 25	13° 1'31	21° 5	25°49	6°38	26°15	6°35	3°31	22°54	9°31	15°40	18°D46	19°12	28°56	19°34	T 4
F 5	6 55 22	14° 2'39	3♌31	27°16	7°54	26°56	6°42	3°34	22°51	9°31	15°39	18°46	19° 8	29° 3	19°41	F 5
S 6	6 59 18	15° 3'47	16° 9	28°44	9° 9	27°38	6°49	3°37	22°49	9°32	15°38	18°47	19° 5	29° 9	19°46	S 6
S 7	7 3 15	16° 4'55	28°59	0♑13	10°25	28°20	6°56	3°40	22°46	9°32	15°37	18°47	19° 2	29°16	19°52	S 7
M 8	7 7 11	17° 6'03	12♍ 4	1°42	11°40	29° 1	7° 4	3°44	22°43	9°33	15°35	18°47	18°59	29°23	19°58	M 8
T 9	7 11 8	18° 7'11	25°23	3°12	12°56	29°43	7°11	3°47	22°41	9°34	15°34	18°47	18°56	29°29	20° 4	T 9
W10	7 15 5	19° 8'18	8♎58	4°42	14°11	0♈25	7°19	3°51	22°38	9°34	15°33	18°R47	18°52	29°36	20° 9	W10
T 11	7 19 1	20° 9'25	22°49	6°13	15°27	1° 6	7°26	3°54	22°36	9°35	15°32	18°D47	18°49	29°43	20°15	T 11
F 12	7 22 58	21°10'33	6♏57	7°44	16°42	1°48	7°34	3°58	22°33	9°36	15°30	18°47	18°46	29°49	20°20	F 12
S 13	7 26 54	22°11'40	21°19	9°16	17°57	2°29	7°42	4° 2	22°30	9°37	15°29	18°48	18°43	29°56	20°26	S 13
S 14	7 30 51	23°12'47	5♐52	10°48	19°13	3°11	7°51	4° 6	22°28	9°37	15°28	18°48	18°40	0♊ 3	20°31	S 14
M15	7 34 47	24°13'54	20°32	12°21	20°28	3°53	7°59	4°10	22°25	9°38	15°27	18°48	18°37	0° 9	20°36	M15
T 16	7 38 44	25°15'00	5♑13	13°55	21°44	4°34	8° 8	4°14	22°23	9°39	15°25	18°49	18°33	0°16	20°42	T 16
W17	7 42 40	26°16'06	19°49	15°29	22°59	5°16	8°16	4°18	22°20	9°40	15°24	18°R49	18°30	0°23	20°47	W17
T 18	7 46 37	27°17'11	4♒12	17° 4	24°15	5°57	8°25	4°23	22°17	9°41	15°22	18°49	18°27	0°30	20°52	T 18
F 19	7 50 34	28°18'15	18°19	18°39	25°30	6°39	8°34	4°27	22°15	9°42	15°21	18°48	18°24	0°36	20°56	F 19
S 20	7 54 30	29°19'19	2♓ 4	20°15	26°45	7°21	8°43	4°31	22°12	9°43	15°20	18°47	18°21	0°43	21° 1	S 20
S 21	7 58 27	0♒20'21	15°25	21°51	28° 1	8° 2	8°52	4°36	22°10	9°44	15°18	18°45	18°18	0°50	21° 6	S 21
M22	8 2 23	1°21'22	28°23	23°28	29°16	8°44	9° 2	4°41	22° 7	9°45	15°17	18°44	18°14	0°56	21°11	M22
T 23	8 6 20	2°22'22	11♈ 0	25° 6	0♒32	9°26	9°11	4°45	22° 4	9°46	15°16	18°42	18°11	1° 3	21°15	T 23
W24	8 10 16	3°23'22	23°19	26°44	1°47	10° 7	9°21	4°50	22° 2	9°47	15°14	18°41	18° 8	1°10	21°20	W24
T 25	8 14 13	4°24'19	5♉23	28°23	3° 2	10°49	9°30	4°55	21°59	9°48	15°13	18°D41	18° 5	1°16	21°24	T 25
F 26	8 18 9	5°25'16	17°18	0♒ 2	4°18	11°30	9°40	5° 0	21°57	9°50	15°11	18°41	18° 2	1°23	21°28	F 26
S 27	8 22 6	6°26'12	29° 8	1°43	5°33	12°12	9°50	5° 5	21°54	9°51	15°10	18°42	17°58	1°30	21°32	S 27
S 28	8 26 3	7°27'06	10♊59	3°23	6°48	12°53	10° 0	5°10	21°52	9°52	15° 8	18°44	17°55	1°36	21°36	S 28
M29	8 29 59	8°27'59	22°54	5° 5	8° 4	13°35	10°10	5°15	21°49	9°53	15° 7	18°46	17°52	1°43	21°40	M29
T 30	8 33 56	9°28'51	4♋58	6°48	9°19	14°16	10°21	5°20	21°47	9°55	15° 6	18°47	17°49	1°50	21°44	T 30
W31	8 37 52	10♒29'41	17♋13	8♒31	10♒34	14♈58	10♈31	5♈26	21♋44	9♈56	15♌ 4	18°R48	17♋46	1♊56	21♏48	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 6	19n39	2s58	22s52	0n20	23s41	0s14	2s43	0s25	1n18	1s18	0s53	2s26	22n 1	0n31	2n18	1s36	24n19	8n34	22n 9	22n 5	15n59	15s39	2n 0
T 2	23 1	21 27	1 59	23 5	0 12	23 41	0 16	2 25	0 24	1 20	1 18	0 52	2 26	22 2	0 31	2 18	1 36	24 19	8 35	22 10	22 5	16 1	15 40	2 0
W 3	22 56	22 16	0 55	23 17	0 5	23 41	0 19	2 7	0 23	1 23	1 18	0 51	2 25	22 2	0 31	2 18	1 36	24 20	8 35	22 10	22 6	16 3	15 42	2 0
T 4	22 50	22 2	0n13	23 28	0s 3	23 40	0 21	1 49	0 22	1 26	1 18	0 49	2 25	22 3	0 31	2 18	1 36	24 20	8 35	22 10	22 6	16 5	15 43	2 1
F 5	22 44	20 43	1 21	23 37	0 10	23 38	0 23	1 32	0 20	1 29	1 17	0 48	2 25	22 3	0 31	2 19	1 36	24 21	8 35	22 10	22 7	16 7	15 44	2 1
S 6	22 37	18 21	2 26	23 46	0 18	23 35	0 26	1 14	0 19	1 32	1 17	0 46	2 25	22 4	0 31	2 19	1 36	24 22	8 36	22 10	22 7	16 9	15 45	2 2
S 7	22 30	15 3	3 25	23 53	0 25	23 32	0 28	0 56	0 18	1 35	1 17	0 45	2 24	22 4	0 31	2 19	1 36	24 22	8 36	22 10	22 7	16 11	15 46	2 2
M 8	22 23	10 58	4 15	24 0	0 32	23 28	0 30	0 39	0 17	1 38	1 17	0 43	2 24	22 4	0 31	2 19	1 36	24 23	8 36	22 9	22 8	16 13	15 47	2 3
T 9	22 15	6 18	4 52	24 5	0 38	23 23	0 32	0 21	0 15	1 41	1 16	0 42	2 24	22 5	0 31	2 20	1 36	24 23	8 36	22 9	22 8	16 15	15 48	2 3
W10	22 6	1 14	5 13	24 9	0 45	23 18	0 35	0 3	0 14	1 45	1 16	0 40	2 24	22 5	0 31	2 20	1 36	24 24	8 36	22 9	22 9	16 17	15 50	2 4
T 11	21 58	3s59	5 17	24 11	0 51	23 12	0 37	0n14	0 13	1 48	1 16	0 38	2 24	22 6	0 31	2 20	1 36	24 24	8 36	22 9	22 9	16 19	15 51	2 4
F 12	21 48	9 6	5 2	24 13	0 58	23 5	0 39	0 32	0 12	1 51	1 16	0 37	2 23	22 6	0 31	2 21	1 35	24 25	8 37	22 9	22 10	16 21	15 52	2 5
S 13	21 39	13 48	4 28	24 13	1 4	22 57	0 41	0 50	0 11	1 55	1 15	0 35	2 23	22 7	0 31	2 21	1 35	24 26	8 37	22 9	22 10	16 23	15 53	2 5
S 14	21 29	17 46	3 37	24 11	1 9	22 49	0 43	1 7	0 10	1 58	1 15	0 33	2 23	22 7	0 31	2 21	1 35	24 26	8 37	22 9	22 10	16 25	15 53	2 5
M15	21 18	20 38	2 31	24 9	1 15	22 40	0 45	1 25	0 9	2 2	1 15	0 31	2 23	22 8	0 31	2 22	1 35	24 27	8 37	22 9	22 11	16 27	15 54	2 6
T 16	21 7	22 8	1 15	24 5	1 20	22 30	0 47	1 42	0 7	2 5	1 15	0 30	2 22	22 8	0 31	2 22	1 35	24 27	8 37	22 9	22 11	16 29	15 55	2 6
W17	20 56	22 6	0s 6	23 59	1 25	22 19	0 49	2 0	0 6	2 9	1 14	0 28	2 22	22 8	0 31	2 23	1 35	24 28	8 38	22 9	22 12	16 31	15 56	2 7
T 18	20 44	20 36	1 24	23 52	1 30	22 8	0 51	2 17	0 5	2 13	1 14	0 26	2 22	22 9	0 31	2 23	1 35	24 28	8 38	22 9	22 12	16 33	15 57	2 7
F 19	20 32	17 51	2 36	23 44	1 34	21 57	0 53	2 35	0 4	2 16	1 14	0 24	2 22	22 9	0 31	2 23	1 35	24 29	8 38	22 9	22 13	16 35	15 58	2 8
S 20	20 19	14 8	3 37	23 35	1 39	21 44	0 55	2 52	0 3	2 20	1 14	0 22	2 22	22 10	0 31	2 24	1 35	24 30	8 38	22 10	22 13	16 36	15 59	2 8
S 21	20 7	9 49	4 25	23 23	1 43	21 31	0 57	3 10	0 2	2 24	1 13	0 20	2 21	22 10	0 31	2 24	1 35	24 30	8 38	22 10	22 14	16 38	15 59	2 9
M22	19 53	5 11	4 57	23 11	1 46	21 17	0 58	3 27	0 1	2 28	1 13	0 18	2 21	22 11	0 31	2 25	1 35	24 31	8 38	22 10	22 14	16 40	16 0	2 9
T 23	19 40	0 27	5 14	22 57	1 50	21 3	1 0	3 44	0 0	2 32	1 13	0 16	2 21	22 11	0 32	2 25	1 35	24 31	8 38	22 10	22 14	16 42	16 1	2 10
W24	19 26	4n11	5 16	22 41	1 53	20 48	1 2	4 2	0n 1	2 36	1 13	0 14	2 21	22 11	0 32	2 26	1 35	24 32	8 39	22 10	22 15	16 44	16 1	2 10
T 25	19 11	8 34	5 3	22 24	1 56	20 32	1 4	4 19	0 2	2 40	1 12	0 12	2 21	22 12	0 32	2 26	1 35	24 32	8 39	22 10	22 15	16 46	16 2	2 11
F 26	18 57	12 34	4 38	22 6	1 58	20 16	1 5	4 36	0 3	2 44	1 12	0 10	2 20	22 12	0 32	2 27	1 35	24 33	8 39	22 10	22 16	16 48	16 3	2 11
S 27	18 42	16 4	4 1	21 46	2 0	19 59	1 7	4 53	0 4	2 48	1 12	0 7	2 20	22 13	0 32	2 27	1 35	24 33	8 39	22 10	22 16	16 50	16 3	2 12
S 28	18 26	18 55	3 14	21 24	2 2	19 42	1 8	5 10	0 5	2 52	1 12	0 5	2 20	22 13	0 32	2 28	1 35	24 34	8 39	22 10	22 17	16 52	16 4	2 12
M29	18 11	20 59	2 18	21 1	2 3	19 24	1 10	5 27	0 6	2 56	1 12	0 3	2 20	22 13	0 32	2 28	1 35	24 35	8 39	22 10	22 17	16 54	16 4	2 13
T 30	17 54	22 7	1 16	20 36	2 4	19 6	1 11	5 44	0 7	3 1	1 11	0 1	2 20	22 14	0 32	2 29	1 35	24 35	8 39	22 10	22 17	16 56	16 5	2 13
W31	17s38	22n13	0s 9	20s10	2s 4	18s46	1s12	6n 1	0n 8	3n 5	1s11	0n 2	2s19	22n14	0n32	2n29	1s35	24n36	8n39	22n 9	22n18	16n58	16s 5	2n14

Julian Day Number = 2343067.5, Delta T = 13.31 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'40, Lahiri = 19°42'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

FEBRUARY 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 49	11♒30'30	29♋42	10♒14	11♒49	15♈39	10♈42	5♈31	21°R42	9♈57	15°R 3	18°R47	17♋43	2♊ 3	21♏51	T 1
F 2	8 45 45	12°31'18	12♌26	11°59	13° 5	16°21	10°52	5°37	21♋40	9°59	15♌ 1	18♋45	17°39	2°10	21°55	F 2
S 3	8 49 42	13°32'05	25°26	13°44	14°20	17° 2	11° 3	5°42	21°37	10° 0	15° 0	18°43	17°36	2°17	21°58	S 3
S 4	8 53 38	14°32'50	8♍42	15°30	15°35	17°44	11°14	5°48	21°35	10° 2	14°58	18°39	17°33	2°23	22° 2	S 4
M 5	8 57 35	15°33'34	22°10	17°17	16°50	18°25	11°25	5°53	21°33	10° 3	14°57	18°34	17°30	2°30	22° 5	M 5
T 6	9 1 32	16°34'17	5♎51	19° 5	18° 6	19° 6	11°36	5°59	21°30	10° 5	14°56	18°30	17°27	2°37	22° 8	T 6
W 7	9 5 28	17°34'59	19°42	20°53	19°21	19°48	11°47	6° 5	21°28	10° 6	14°54	18°27	17°23	2°43	22°11	W 7
T 8	9 9 25	18°35'40	3♏40	22°41	20°36	20°29	11°59	6°11	21°26	10° 8	14°53	18°24	17°20	2°50	22°14	T 8
F 9	9 13 21	19°36'20	17°45	24°31	21°51	21°10	12°10	6°17	21°23	10° 9	14°51	18°D24	17°17	2°57	22°17	F 9
S 10	9 17 18	20°36'59	1♐55	26°21	23° 6	21°52	12°21	6°23	21°21	10°11	14°50	18°24	17°14	3° 3	22°20	S 10
S 11	9 21 14	21°37'37	16° 7	28°11	24°22	22°33	12°33	6°29	21°19	10°12	14°48	18°25	17°11	3°10	22°22	S 11
M12	9 25 11	22°38'13	0♑21	0♓ 2	25°37	23°14	12°45	6°35	21°17	10°14	14°47	18°27	17° 8	3°17	22°25	M12
T 13	9 29 7	23°38'49	14°33	1°52	26°52	23°55	12°56	6°41	21°15	10°16	14°45	18°R28	17° 4	3°23	22°27	T 13
W14	9 33 4	24°39'23	28°40	3°43	28° 7	24°37	13° 8	6°47	21°13	10°17	14°44	18°27	17° 1	3°30	22°29	W14
T 15	9 37 1	25°39'55	12♒39	5°34	29°22	25°18	13°20	6°53	21°11	10°19	14°43	18°25	16°58	3°37	22°32	T 15
F 16	9 40 57	26°40'26	26°27	7°24	0♓37	25°59	13°32	7° 0	21° 9	10°21	14°41	18°21	16°55	3°43	22°34	F 16
S 17	9 44 54	27°40'55	9♓59	9°14	1°52	26°40	13°44	7° 6	21° 7	10°23	14°40	18°15	16°52	3°50	22°36	S 17
S 18	9 48 50	28°41'23	23°14	11° 3	3° 8	27°21	13°57	7°13	21° 5	10°24	14°38	18° 8	16°49	3°57	22°37	S 18
M19	9 52 47	29°41'49	6♈10	12°50	4°23	28° 3	14° 9	7°19	21° 3	10°26	14°37	18° 1	16°45	4° 3	22°39	M19
T 20	9 56 43	0♓42'13	18°46	14°36	5°38	28°44	14°21	7°26	21° 1	10°28	14°36	17°54	16°42	4°10	22°41	T 20
W21	10 0 40	1°42'35	1♉ 6	16°20	6°53	29°25	14°34	7°32	20°59	10°30	14°34	17°48	16°39	4°17	22°42	W21
T 22	10 4 36	2°42'55	13°12	18° 1	8° 8	0♉ 6	14°46	7°39	20°58	10°32	14°33	17°43	16°36	4°23	22°44	T 22
F 23	10 8 33	3°43'14	25° 8	19°39	9°23	0°47	14°59	7°45	20°56	10°34	14°31	17°41	16°33	4°30	22°45	F 23
S 24	10 12 30	4°43'30	6♊58	21°14	10°38	1°28	15°11	7°52	20°54	10°36	14°30	17°D41	16°29	4°37	22°46	S 24
S 25	10 16 26	5°43'44	18°48	22°44	11°53	2° 9	15°24	7°59	20°53	10°37	14°29	17°42	16°26	4°44	22°47	S 25
M26	10 20 23	6°43'56	0♋44	24° 9	13° 8	2°50	15°37	8° 6	20°51	10°39	14°27	17°43	16°23	4°50	22°48	M26
T 27	10 24 19	7°44'07	12°49	25°29	14°22	3°31	15°50	8°13	20°49	10°41	14°26	17°R44	16°20	4°57	22°49	T 27
W28	10 28 16	8♓44'15	25♋ 9	26♓44	15♓37	4♉12	16♈ 3	8♈20	20♋48	10♈43	14♌25	17♋44	16♋17	5♊ 4	22♏50	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s21	21n13	1n 0	19s42	2s 5	18s27	1s14	6n18	0n 9	3n 9	1s11	0n 4	2s19	22n15	0n32	2n30	1s35	24n36	8n39	22n 9	22n18	17n 0	16s 6	2n14	T 1
F 2	17 4	19 7	2 7	19 13	2 4	18 7	1 15	6 35	0 10	3 14	1 11	0 6	2 19	22 15	0 32	2 31	1 35	24 37	8 39	22 10	22 19	17 1	16 6	2 15	F 2
S 3	16 47	16 1	3 8	18 42	2 3	17 46	1 16	6 52	0 11	3 18	1 11	0 9	2 19	22 15	0 32	2 31	1 34	24 37	8 40	22 10	22 19	17 3	16 6	2 16	S 3
S 4	16 30	12 2	4 1	18 9	2 2	17 25	1 17	7 9	0 11	3 22	1 10	0 11	2 19	22 16	0 31	2 32	1 34	24 38	8 40	22 11	22 19	17 5	16 7	2 16	S 4
M 5	16 12	7 24	4 41	17 35	2 0	17 3	1 18	7 25	0 12	3 27	1 10	0 13	2 19	22 16	0 31	2 32	1 34	24 38	8 40	22 11	22 20	17 7	16 7	2 17	M 5
T 6	15 54	2 21	5 6	17 0	1 58	16 41	1 19	7 42	0 13	3 31	1 10	0 16	2 18	22 16	0 31	2 33	1 34	24 39	8 40	22 12	22 20	17 9	16 7	2 17	T 6
W 7	15 35	2s53	5 13	16 23	1 56	16 19	1 20	7 58	0 14	3 36	1 10	0 18	2 18	22 17	0 31	2 34	1 34	24 39	8 40	22 12	22 21	17 11	16 8	2 18	W 7
T 8	15 17	8 1	5 2	15 44	1 52	15 55	1 21	8 15	0 15	3 41	1 10	0 21	2 18	22 17	0 31	2 34	1 34	24 40	8 40	22 13	22 21	17 13	16 8	2 18	T 8
F 9	14 58	12 47	4 33	15 4	1 48	15 32	1 22	8 31	0 16	3 45	1 9	0 23	2 18	22 18	0 31	2 35	1 34	24 40	8 40	22 13	22 21	17 15	16 8	2 19	F 9
S 10	14 39	16 52	3 47	14 23	1 44	15 8	1 22	8 47	0 17	3 50	1 9	0 26	2 18	22 18	0 31	2 36	1 34	24 41	8 40	22 13	22 22	17 17	16 8	2 19	S 10
S 11	14 19	19 58	2 48	13 40	1 39	14 44	1 23	9 3	0 18	3 54	1 9	0 28	2 18	22 18	0 31	2 36	1 34	24 41	8 40	22 12	22 22	17 19	16 8	2 20	S 11
M12	13 59	21 51	1 37	12 56	1 33	14 19	1 24	9 20	0 18	3 59	1 9	0 31	2 18	22 18	0 31	2 37	1 34	24 42	8 40	22 12	22 23	17 20	16 8	2 20	M12
T 13	13 40	22 20	0 21	12 11	1 27	13 54	1 24	9 36	0 19	4 4	1 9	0 33	2 17	22 19	0 31	2 38	1 34	24 42	8 40	22 12	22 23	17 22	16 8	2 21	T 13
W14	13 19	21 22	0s55	11 24	1 20	13 28	1 25	9 52	0 20	4 9	1 8	0 36	2 17	22 19	0 31	2 38	1 34	24 43	8 40	22 12	22 23	17 24	16 8	2 22	W14
T 15	12 59	19 5	2 8	10 36	1 12	13 3	1 25	10 7	0 21	4 13	1 8	0 38	2 17	22 19	0 31	2 39	1 34	24 43	8 40	22 12	22 24	17 26	16 8	2 22	T 15
F 16	12 39	15 43	3 12	9 48	1 4	12 36	1 26	10 23	0 22	4 18	1 8	0 41	2 17	22 20	0 31	2 40	1 34	24 44	8 40	22 13	22 24	17 28	16 8	2 23	F 16
S 17	12 18	11 35	4 4	8 58	0 55	12 10	1 26	10 39	0 22	4 23	1 8	0 44	2 17	22 20	0 31	2 40	1 34	24 44	8 40	22 14	22 25	17 30	16 8	2 23	S 17
S 18	11 57	6 59	4 41	8 8	0 46	11 43	1 26	10 54	0 23	4 28	1 8	0 46	2 17	22 20	0 31	2 41	1 34	24 44	8 40	22 15	22 25	17 32	16 8	2 24	S 18
M19	11 36	2 11	5 3	7 18	0 35	11 16	1 26	11 10	0 24	4 33	1 8	0 49	2 17	22 21	0 31	2 42	1 34	24 45	8 40	22 16	22 25	17 33	16 8	2 24	M19
T 20	11 14	2n36	5 9	6 27	0 25	10 48	1 27	11 25	0 25	4 38	1 7	0 52	2 16	22 21	0 31	2 43	1 34	24 45	8 40	22 17	22 26	17 35	16 8	2 25	T 20
W21	10 53	7 10	5 1	5 36	0 13	10 20	1 27	11 41	0 25	4 43	1 7	0 54	2 16	22 21	0 31	2 43	1 34	24 46	8 40	22 18	22 26	17 37	16 8	2 25	W21
T 22	10 31	11 23	4 39	4 46	0 1	9 52	1 27	11 56	0 26	4 48	1 7	0 57	2 16	22 21	0 31	2 44	1 34	24 46	8 40	22 18	22 27	17 39	16 8	2 26	T 22
F 23	10 10	15 6	4 6	3 55	0n12	9 24	1 27	12 11	0 27	4 53	1 7	1 0	2 16	22 22	0 31	2 45	1 34	24 47	8 40	22 18	22 27	17 41	16 8	2 27	F 23
S 24	9 48	18 11	3 22	3 6	0 25	8 56	1 26	12 26	0 28	4 58	1 7	1 3	2 16	22 22	0 31	2 46	1 34	24 47	8 40	22 18	22 27	17 43	16 7	2 27	S 24
S 25	9 26	20 31	2 30	2 18	0 38	8 27	1 26	12 41	0 28	5 3	1 7	1 5	2 16	22 22	0 31	2 47	1 34	24 47	8 40	22 18	22 28	17 45	16 7	2 28	S 25
M26	9 3	21 58	1 31	1 32	0 52	7 58	1 26	12 56	0 29	5 8	1 7	1 8	2 16	22 22	0 31	2 47	1 34	24 48	8 40	22 18	22 28	17 46	16 7	2 28	M26
T 27	8 41	22 25	0 27	0 47	1 6	7 29	1 26	13 10	0 30	5 13	1 6	1 11	2 16	22 23	0 31	2 48	1 34	24 48	8 40	22 18	22 29	17 48	16 6	2 29	T 27
W28	8s18	21n47	0n40	0s 4	1n20	6s59	1s25	13n25	0n30	5n18	1s 6	1n14	2s16	22n23	0n31	2n49	1s34	24n49	8n40	22n18	22n29	17n50	16s 6	2n29	W28

Julian Day Number = 2343098.5, Delta T = 13.28 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'44, Lahiri = 19°42'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

MARCH 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 32 12	9♓44'21	7♌48	27♓51	16♓52	4♉53	16♈16	8♈26	20°R46	10♈45	14°R24	17°R42	16♋14	5♊10	22♏50	T 1
F 2	10 36 9	10°44'25	20°47	28°52	18° 7	5°34	16°29	8°33	20♋45	10°47	14♌22	17♋37	16°10	5°17	22°51	F 2
S 3	10 40 5	11°44'27	4♍ 7	29°45	19°22	6°14	16°42	8°40	20°44	10°49	14°21	17°31	16° 7	5°24	22°51	S 3
S 4	10 44 2	12°44'27	17°47	0♈29	20°37	6°55	16°55	8°47	20°42	10°51	14°20	17°22	16° 4	5°30	22°52	S 4
M 5	10 47 58	13°44'26	1♎44	1° 6	21°51	7°36	17° 8	8°54	20°41	10°54	14°18	17°13	16° 1	5°37	22°52	M 5
T 6	10 51 55	14°44'22	15°53	1°34	23° 6	8°17	17°22	9° 2	20°40	10°56	14°17	17° 3	15°58	5°44	22°R52	T 6
W 7	10 55 52	15°44'17	0♏ 9	1°53	24°21	8°57	17°35	9° 9	20°39	10°58	14°16	16°55	15°55	5°50	22°52	W 7
T 8	10 59 48	16°44'10	14°28	2° 3	25°36	9°38	17°48	9°16	20°37	11° 0	14°15	16°49	15°51	5°57	22°52	T 8
F 9	11 3 45	17°44'01	28°44	2°R 5	26°50	10°19	18° 2	9°23	20°36	11° 2	14°14	16°45	15°48	6° 4	22°51	F 9
S 10	11 7 41	18°43'51	12♐56	1°58	28° 5	11° 0	18°15	9°30	20°35	11° 4	14°13	16°D43	15°45	6°10	22°51	S 10
S 11	11 11 38	19°43'39	27° 1	1°42	29°20	11°40	18°29	9°37	20°34	11° 6	14°11	16°43	15°42	6°17	22°51	S 11
M12	11 15 34	20°43'25	10♑59	1°19	0♈34	12°21	18°42	9°45	20°33	11° 8	14°10	16°R44	15°39	6°24	22°50	M12
T 13	11 19 31	21°43'10	24°48	0°49	1°49	13° 1	18°56	9°52	20°32	11°10	14° 9	16°44	15°35	6°30	22°49	T 13
W14	11 23 27	22°42'53	8♒30	0°12	3° 4	13°42	19°10	9°59	20°32	11°13	14° 8	16°42	15°32	6°37	22°48	W14
T 15	11 27 24	23°42'34	22° 3	29♓29	4°18	14°22	19°23	10° 7	20°31	11°15	14° 7	16°37	15°29	6°44	22°48	T 15
F 16	11 31 21	24°42'14	5♓25	28°42	5°33	15° 3	19°37	10°14	20°30	11°17	14° 6	16°30	15°26	6°50	22°47	F 16
S 17	11 35 17	25°41'51	18°36	27°52	6°47	15°43	19°51	10°21	20°29	11°19	14° 5	16°20	15°23	6°57	22°45	S 17
S 18	11 39 14	26°41'26	1♈34	26°59	8° 2	16°24	20° 5	10°29	20°29	11°21	14° 4	16° 8	15°20	7° 4	22°44	S 18
M19	11 43 10	27°40'59	14°18	26° 5	9°16	17° 4	20°19	10°36	20°28	11°24	14° 3	15°55	15°16	7°10	22°43	M19
T 20	11 47 7	28°40'30	26°47	25°11	10°31	17°45	20°33	10°44	20°28	11°26	14° 2	15°42	15°13	7°17	22°41	T 20
W21	11 51 3	29°39'59	9♉ 2	24°18	11°45	18°25	20°47	10°51	20°27	11°28	14° 1	15°31	15°10	7°24	22°40	W21
T 22	11 55 0	0♈39'26	21° 6	23°27	13° 0	19° 6	21° 1	10°59	20°27	11°30	14° 0	15°23	15° 7	7°30	22°38	T 22
F 23	11 58 56	1°38'51	3♊ 0	22°39	14°14	19°46	21°15	11° 6	20°26	11°33	13°59	15°17	15° 4	7°37	22°36	F 23
S 24	12 2 53	2°38'13	14°49	21°55	15°28	20°26	21°29	11°14	20°26	11°35	13°58	15°13	15° 0	7°44	22°35	S 24
S 25	12 6 50	3°37'33	26°38	21°15	16°43	21° 6	21°43	11°21	20°26	11°37	13°57	15°12	14°57	7°50	22°33	S 25
M26	12 10 46	4°36'51	8♋32	20°41	17°57	21°47	21°57	11°29	20°26	11°39	13°57	15°12	14°54	7°57	22°31	M26
T 27	12 14 43	5°36'06	20°37	20°11	19°11	22°27	22°11	11°36	20°25	11°42	13°56	15°12	14°51	8° 4	22°28	T 27
W28	12 18 39	6°35'19	2♌57	19°47	20°25	23° 7	22°25	11°44	20°25	11°44	13°55	15°11	14°48	8°10	22°26	W28
T 29	12 22 36	7°34'30	15°38	19°28	21°40	23°47	22°40	11°51	20°D25	11°46	13°54	15° 8	14°45	8°17	22°24	T 29
F 30	12 26 32	8°33'38	28°44	19°16	22°54	24°27	22°54	11°59	20°25	11°48	13°54	15° 2	14°41	8°24	22°21	F 30
S 31	12 30 29	9♈32'45	12♍15	19♓ 8	24♈ 8	25♉ 8	23♈ 8	12♈ 6	20♋25	11♈51	13♌53	14♋54	14♋38	8♊30	22♏19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s56	20n 3	1n46	0n36	1n35	6s30	1s25	13n39	0n31	5n23	1s 6	1n17	2s15	22n23	0n31	2n50	1s34	24n49	8n40	22n18	22n29	17n52	16s 6	2n30
F 2	7 33	17 14	2 48	1 13	1 49	6 0	1 24	13 54	0 32	5 28	1 6	1 19	2 15	22 23	0 31	2 51	1 34	24 49	8 40	22 19	22 30	17 54	16 5	2 30
S 3	7 10	13 28	3 42	1 46	2 3	5 30	1 24	14 8	0 32	5 34	1 6	1 22	2 15	22 23	0 31	2 51	1 34	24 50	8 40	22 20	22 30	17 56	16 5	2 31
S 4	6 47	8 55	4 26	2 17	2 16	5 0	1 23	14 22	0 33	5 39	1 6	1 25	2 15	22 24	0 31	2 52	1 34	24 50	8 40	22 21	22 31	17 57	16 4	2 32
M 5	6 24	3 48	4 54	2 43	2 29	4 30	1 22	14 36	0 34	5 44	1 6	1 28	2 15	22 24	0 31	2 53	1 34	24 50	8 40	22 22	22 31	17 59	16 4	2 32
T 6	6 1	1s34	5 5	3 6	2 42	3 59	1 22	14 50	0 34	5 49	1 5	1 31	2 15	22 24	0 31	2 54	1 34	24 51	8 40	22 23	22 31	18 1	16 3	2 33
W 7	5 38	6 55	4 57	3 24	2 53	3 29	1 21	15 3	0 35	5 54	1 5	1 34	2 15	22 24	0 31	2 55	1 34	24 51	8 40	22 24	22 32	18 3	16 3	2 33
T 8	5 15	11 54	4 30	3 37	3 3	2 59	1 20	15 17	0 35	6 0	1 5	1 37	2 15	22 24	0 31	2 55	1 34	24 51	8 40	22 25	22 32	18 5	16 2	2 34
F 9	4 51	16 13	3 47	3 46	3 13	2 28	1 19	15 30	0 36	6 5	1 5	1 40	2 15	22 24	0 31	2 56	1 33	24 52	8 40	22 26	22 32	18 6	16 1	2 34
S 10	4 28	19 34	2 50	3 51	3 20	1 57	1 18	15 44	0 37	6 10	1 5	1 42	2 15	22 25	0 31	2 57	1 33	24 52	8 40	22 26	22 33	18 8	16 1	2 35
S 11	4 4	21 43	1 43	3 50	3 27	1 27	1 17	15 57	0 37	6 15	1 5	1 45	2 15	22 25	0 31	2 58	1 33	24 52	8 40	22 26	22 33	18 10	16 0	2 36
M12	3 41	22 31	0 31	3 45	3 31	0 56	1 16	16 10	0 38	6 21	1 5	1 48	2 15	22 25	0 31	2 59	1 33	24 52	8 40	22 26	22 34	18 12	15 59	2 36
T 13	3 17	21 54	0s43	3 36	3 34	0 25	1 15	16 23	0 38	6 26	1 5	1 51	2 15	22 25	0 31	3 0	1 33	24 53	8 40	22 26	22 34	18 14	15 59	2 37
W14	2 54	19 59	1 53	3 22	3 36	0n 6	1 13	16 36	0 39	6 31	1 4	1 54	2 14	22 25	0 31	3 1	1 33	24 53	8 40	22 26	22 34	18 15	15 58	2 37
T 15	2 30	16 58	2 56	3 5	3 35	0 37	1 12	16 48	0 40	6 37	1 4	1 57	2 14	22 25	0 31	3 1	1 33	24 53	8 39	22 27	22 35	18 17	15 57	2 38
F 16	2 6	13 5	3 48	2 43	3 32	1 8	1 11	17 1	0 40	6 42	1 4	2 0	2 14	22 25	0 31	3 2	1 33	24 53	8 39	22 27	22 35	18 19	15 56	2 38
S 17	1 43	8 37	4 27	2 19	3 27	1 38	1 9	17 13	0 41	6 47	1 4	2 3	2 14	22 25	0 31	3 3	1 33	24 54	8 39	22 29	22 35	18 21	15 56	2 39
S 18	1 19	3 50	4 52	1 52	3 21	2 9	1 8	17 26	0 41	6 52	1 4	2 6	2 14	22 25	0 31	3 4	1 33	24 54	8 39	22 30	22 36	18 23	15 55	2 40
M19	0 55	1n 1	5 1	1 23	3 13	2 40	1 6	17 38	0 42	6 58	1 4	2 9	2 14	22 26	0 31	3 5	1 33	24 54	8 39	22 32	22 36	18 24	15 54	2 40
T 20	0 32	5 44	4 56	0 53	3 3	3 11	1 5	17 50	0 42	7 3	1 4	2 12	2 14	22 26	0 31	3 6	1 33	24 54	8 39	22 33	22 36	18 26	15 53	2 41
W21	0 8	10 9	4 37	0 22	2 52	3 41	1 3	18 1	0 43	7 8	1 4	2 15	2 14	22 26	0 31	3 7	1 33	24 54	8 39	22 34	22 37	18 28	15 52	2 41
T 22	0n16	14 6	4 6	0s10	2 39	4 12	1 1	18 13	0 43	7 14	1 4	2 18	2 14	22 26	0 31	3 8	1 33	24 55	8 39	22 35	22 37	18 30	15 51	2 42
F 23	0 39	17 27	3 24	0 41	2 26	4 42	1 0	18 25	0 44	7 19	1 4	2 21	2 14	22 26	0 31	3 8	1 33	24 55	8 39	22 36	22 38	18 31	15 50	2 42
S 24	1 3	20 4	2 34	1 12	2 11	5 13	0 58	18 36	0 44	7 24	1 3	2 24	2 14	22 26	0 31	3 9	1 33	24 55	8 39	22 36	22 38	18 33	15 49	2 43
S 25	1 27	21 49	1 37	1 41	1 56	5 43	0 56	18 47	0 45	7 30	1 3	2 26	2 14	22 26	0 31	3 10	1 33	24 55	8 38	22 37	22 38	18 35	15 48	2 43
M26	1 50	22 37	0 35	2 9	1 41	6 13	0 54	18 58	0 45	7 35	1 3	2 29	2 14	22 26	0 31	3 11	1 33	24 55	8 38	22 37	22 39	18 37	15 47	2 44
T 27	2 14	22 22	0n29	2 35	1 25	6 43	0 52	19 9	0 46	7 41	1 3	2 32	2 14	22 26	0 31	3 12	1 33	24 55	8 38	22 37	22 39	18 38	15 46	2 44
W28	2 37	21 2	1 33	2 59	1 10	7 13	0 50	19 20	0 46	7 46	1 3	2 35	2 14	22 26	0 31	3 13	1 33	24 55	8 38	22 37	22 39	18 40	15 45	2 45
T 29	3 1	18 37	2 34	3 21	0 54	7 43	0 48	19 30	0 47	7 51	1 3	2 38	2 14	22 26	0 31	3 14	1 33	24 56	8 38	22 37	22 40	18 42	15 44	2 46
F 30	3 24	15 11	3 29	3 40	0 38	8 12	0 46	19 41	0 47	7 57	1 3	2 41	2 14	22 26	0 31	3 15	1 33	24 56	8 38	22 38	22 40	18 44	15 43	2 46
S 31	3n47	10n53	4n14	3s57	0n23	8n42	0s44	19n51	0n48	8n 2	1s 3	2n44	2s14	22n26	0n31	3n15	1s33	24n56	8n38	22n39	22n40	18n45	15s42	2n47

Julian Day Number = 2343126.5, Delta T = 13.26 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'48, Lahiri = 19°42'48Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1703
geocentric

APRIL 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 34 25	10♈31'48	26♍12	19°D 7	25♈22	25♉48	23♈22	12♈14	20♋26	11♈53	13°R52	14°R44	14♋35	8♊37	22°R16	S 1
M 2	12 38 22	11°30'50	10♎31	19♓11	26°36	26°28	23°37	12°21	20°26	11°55	13♌51	14♋32	14°32	8°44	22♏14	M 2
T 3	12 42 18	12°29'50	25° 6	19°20	27°50	27° 8	23°51	12°29	20°26	11°57	13°51	14°20	14°29	8°50	22°11	T 3
W 4	12 46 15	13°28'48	9♏49	19°34	29° 4	27°48	24° 5	12°37	20°26	12° 0	13°50	14°10	14°26	8°57	22° 8	W 4
T 5	12 50 12	14°27'44	24°34	19°54	0♉18	28°28	24°19	12°44	20°27	12° 2	13°50	14° 2	14°22	9° 4	22° 5	T 5
F 6	12 54 8	15°26'38	9♐11	20°18	1°32	29° 8	24°34	12°52	20°27	12° 4	13°49	13°56	14°19	9°10	22° 2	F 6
S 7	12 58 5	16°25'30	23°37	20°46	2°46	29°48	24°48	12°59	20°27	12° 6	13°49	13°53	14°16	9°17	21°59	S 7
S 8	13 2 1	17°24'21	7♑49	21°19	4° 0	0♊27	25° 3	13° 7	20°28	12° 9	13°48	13°52	14°13	9°24	21°56	S 8
M 9	13 5 58	18°23'10	21°44	21°56	5°14	1° 7	25°17	13°14	20°28	12°11	13°48	13°52	14°10	9°31	21°53	M 9
T 10	13 9 54	19°21'58	5♒25	22°37	6°28	1°47	25°31	13°22	20°29	12°13	13°47	13°52	14° 6	9°37	21°49	T 10
W11	13 13 51	20°20'43	18°51	23°21	7°42	2°27	25°46	13°29	20°30	12°16	13°47	13°50	14° 3	9°44	21°46	W11
T 12	13 17 48	21°19'27	2♓ 4	24° 9	8°56	3° 7	26° 0	13°37	20°30	12°18	13°46	13°45	14° 0	9°51	21°42	T 12
F 13	13 21 44	22°18'09	15° 5	25° 0	10° 9	3°47	26°15	13°44	20°31	12°20	13°46	13°37	13°57	9°57	21°39	F 13
S 14	13 25 41	23°16'49	27°54	25°54	11°23	4°26	26°29	13°52	20°32	12°22	13°45	13°26	13°54	10° 4	21°35	S 14
S 15	13 29 37	24°15'28	10♈33	26°52	12°37	5° 6	26°43	13°59	20°33	12°24	13°45	13°14	13°51	10°11	21°32	S 15
M16	13 33 34	25°14'04	23° 0	27°52	13°51	5°46	26°58	14° 7	20°34	12°27	13°45	13° 0	13°47	10°17	21°28	M16
T 17	13 37 30	26°12'39	5♉17	28°55	15° 4	6°25	27°12	14°14	20°35	12°29	13°45	12°47	13°44	10°24	21°24	T 17
W18	13 41 27	27°11'12	17°23	0♈ 1	16°18	7° 5	27°27	14°22	20°36	12°31	13°44	12°35	13°41	10°31	21°20	W18
T 19	13 45 23	28° 9'42	29°21	1° 9	17°32	7°45	27°41	14°29	20°37	12°33	13°44	12°26	13°38	10°37	21°16	T 19
F 20	13 49 20	29° 8'11	11♊12	2°20	18°45	8°24	27°55	14°37	20°38	12°36	13°44	12°19	13°35	10°44	21°12	F 20
S 21	13 53 16	0♉ 6'38	23° 0	3°33	19°59	9° 4	28°10	14°44	20°39	12°38	13°44	12°15	13°32	10°51	21° 8	S 21
S 22	13 57 13	1° 5'03	4♋48	4°49	21°12	9°43	28°24	14°51	20°40	12°40	13°44	12°13	13°28	10°57	21° 4	S 22
M23	14 1 10	2° 3'25	16°40	6° 6	22°26	10°23	28°39	14°59	20°42	12°42	13°43	12°D13	13°25	11° 4	21° 0	M23
T 24	14 5 6	3° 1'46	28°43	7°26	23°39	11° 2	28°53	15° 6	20°43	12°44	13°43	12°R14	13°22	11°11	20°56	T 24
W25	14 9 3	4° 0'04	11♌ 2	8°48	24°52	11°42	29° 8	15°13	20°44	12°46	13°43	12°13	13°19	11°17	20°52	W25
T 26	14 12 59	4°58'20	23°41	10°12	26° 6	12°21	29°22	15°21	20°46	12°49	13°D43	12°12	13°16	11°24	20°48	T 26
F 27	14 16 56	5°56'34	6♍45	11°38	27°19	13° 1	29°36	15°28	20°47	12°51	13°43	12° 8	13°12	11°31	20°43	F 27
S 28	14 20 52	6°54'46	20°17	13° 6	28°32	13°40	29°51	15°35	20°49	12°53	13°43	12° 2	13° 9	11°37	20°39	S 28
S 29	14 24 49	7°52'57	4♎19	14°36	29°46	14°19	0♉ 5	15°42	20°50	12°55	13°43	11°54	13° 6	11°44	20°35	S 29
M30	14 28 45	8♉51'05	18♎47	16♈ 8	0♊59	14♊59	0♉19	15♈49	20♋52	12♈57	13♌44	11♋45	13♋ 3	11♊51	20♏30	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n11	5n52	4n45	4s11	0n 8	9n11	0s42	20n 1	0n48	8n 7	1s 3	2n47	2s14	22n26	0n31	3n16	1s33	24n56	8n38	22n40	22n41	18n47	15s40	2n47
M 2	4 34	0 26	5 0	4 23	0s 6	9 40	0 40	20 11	0 49	8 13	1 3	2 50	2 14	22 26	0 31	3 17	1 33	24 56	8 37	22 41	22 41	18 49	15 39	2 48
T 3	4 57	5s 9	4 55	4 32	0 20	10 8	0 37	20 21	0 49	8 18	1 3	2 53	2 14	22 26	0 31	3 18	1 33	24 56	8 37	22 42	22 41	18 51	15 38	2 48
W 4	5 20	10 29	4 31	4 39	0 33	10 37	0 35	20 30	0 49	8 23	1 3	2 56	2 14	22 26	0 31	3 19	1 33	24 56	8 37	22 43	22 42	18 52	15 37	2 49
T 5	5 43	15 14	3 49	4 43	0 46	11 5	0 33	20 40	0 50	8 29	1 3	2 59	2 14	22 25	0 31	3 20	1 33	24 56	8 37	22 44	22 42	18 54	15 36	2 49
F 6	6 5	19 2	2 52	4 45	0 58	11 33	0 31	20 49	0 50	8 34	1 2	3 2	2 14	22 25	0 31	3 21	1 33	24 56	8 37	22 45	22 42	18 56	15 34	2 50
S 7	6 28	21 35	1 45	4 44	1 10	12 1	0 28	20 58	0 51	8 39	1 2	3 5	2 14	22 25	0 31	3 22	1 33	24 56	8 37	22 45	22 43	18 57	15 33	2 50
S 8	6 51	22 43	0 32	4 41	1 21	12 28	0 26	21 7	0 51	8 44	1 2	3 8	2 14	22 25	0 31	3 23	1 33	24 56	8 37	22 45	22 43	18 59	15 32	2 51
M 9	7 13	22 24	0s42	4 36	1 31	12 55	0 23	21 15	0 52	8 50	1 2	3 10	2 14	22 25	0 31	3 23	1 33	24 56	8 36	22 45	22 43	19 1	15 30	2 51
T 10	7 35	20 45	1 51	4 29	1 41	13 22	0 21	21 24	0 52	8 55	1 2	3 13	2 14	22 25	0 31	3 24	1 33	24 56	8 36	22 45	22 44	19 3	15 29	2 52
W11	7 58	17 57	2 54	4 19	1 50	13 48	0 19	21 32	0 52	9 0	1 2	3 16	2 14	22 25	0 31	3 25	1 33	24 56	8 36	22 45	22 44	19 4	15 28	2 52
T 12	8 20	14 16	3 45	4 8	1 58	14 15	0 16	21 41	0 53	9 6	1 2	3 19	2 14	22 25	0 30	3 26	1 33	24 56	8 36	22 46	22 44	19 6	15 26	2 53
F 13	8 42	9 57	4 25	3 55	2 6	14 40	0 14	21 49	0 53	9 11	1 2	3 22	2 14	22 25	0 30	3 27	1 33	24 56	8 36	22 47	22 45	19 8	15 25	2 53
S 14	9 4	5 16	4 50	3 40	2 13	15 6	0 11	21 56	0 54	9 16	1 2	3 25	2 14	22 24	0 30	3 28	1 33	24 56	8 36	22 48	22 45	19 9	15 24	2 54
S 15	9 25	0 25	5 0	3 22	2 19	15 31	0 9	22 4	0 54	9 21	1 2	3 28	2 14	22 24	0 30	3 29	1 33	24 56	8 36	22 49	22 45	19 11	15 22	2 54
M16	9 47	4n22	4 56	3 4	2 25	15 55	0 6	22 11	0 54	9 27	1 2	3 31	2 14	22 24	0 30	3 29	1 33	24 56	8 35	22 50	22 46	19 13	15 21	2 55
T 17	10 8	8 56	4 38	2 43	2 30	16 20	0 3	22 19	0 55	9 32	1 2	3 33	2 14	22 24	0 30	3 30	1 33	24 56	8 35	22 52	22 46	19 14	15 19	2 55
W18	10 29	13 5	4 8	2 21	2 34	16 44	0 1	22 26	0 55	9 37	1 2	3 36	2 14	22 24	0 30	3 31	1 33	24 56	8 35	22 53	22 46	19 16	15 18	2 56
T 19	10 50	16 41	3 27	1 58	2 38	17 7	0n 2	22 33	0 55	9 42	1 2	3 39	2 15	22 24	0 30	3 32	1 34	24 56	8 35	22 54	22 47	19 18	15 16	2 56
F 20	11 11	19 34	2 37	1 32	2 41	17 30	0 4	22 39	0 56	9 47	1 2	3 42	2 15	22 23	0 30	3 33	1 34	24 56	8 35	22 54	22 47	19 19	15 15	2 56
S 21	11 32	21 37	1 40	1 6	2 44	17 53	0 7	22 46	0 56	9 53	1 2	3 45	2 15	22 23	0 30	3 34	1 34	24 56	8 35	22 55	22 47	19 21	15 14	2 57
S 22	11 52	22 44	0 39	0 38	2 46	18 15	0 10	22 52	0 56	9 58	1 2	3 47	2 15	22 23	0 30	3 35	1 34	24 55	8 34	22 55	22 48	19 23	15 12	2 57
M23	12 12	22 50	0n24	0 8	2 48	18 36	0 12	22 58	0 57	10 3	1 2	3 50	2 15	22 23	0 30	3 35	1 34	24 55	8 34	22 55	22 48	19 24	15 11	2 58
T 24	12 32	21 52	1 27	0n23	2 48	18 57	0 15	23 4	0 57	10 8	1 2	3 53	2 15	22 23	0 30	3 36	1 34	24 55	8 34	22 55	22 48	19 26	15 9	2 58
W25	12 52	19 51	2 27	0 55	2 49	19 18	0 18	23 10	0 57	10 13	1 2	3 56	2 15	22 22	0 30	3 37	1 34	24 55	8 34	22 55	22 49	19 28	15 8	2 59
T 26	13 12	16 49	3 22	1 28	2 48	19 38	0 20	23 16	0 58	10 18	1 2	3 58	2 15	22 22	0 30	3 38	1 34	24 55	8 34	22 55	22 49	19 29	15 6	2 59
F 27	13 31	12 53	4 8	2 2	2 48	19 58	0 23	23 21	0 58	10 23	1 2	4 1	2 15	22 22	0 30	3 39	1 34	24 55	8 34	22 55	22 49	19 31	15 5	2 59
S 28	13 51	8 11	4 43	2 38	2 46	20 17	0 25	23 26	0 58	10 28	1 2	4 4	2 15	22 22	0 30	3 39	1 34	24 55	8 33	22 56	22 50	19 33	15 3	3 0
S 29	14 10	2 53	5 1	3 14	2 44	20 35	0 28	23 31	0 59	10 34	1 2	4 7	2 15	22 21	0 30	3 40	1 34	24 54	8 33	22 57	22 50	19 34	15 2	3 0
M30	14n28	2s43	5n 2	3n52	2s42	20n53	0n31	23n36	0n59	10n39	1s 1	4n 9	2s15	22n21	0n30	3n41	1s34	24n54	8n33	22n57	22n50	19n36	15s 0	3n 1

Julian Day Number = 2343157.5, Delta T = 13.23 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'52, Lahiri = 19°42'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

MAY 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 32 42	9♉49'11	3♏36	17♈42	2♊12	15♊38	0♉34	15♈57	20♋54	12♈59	13♌44	11°R35	13♋ 0	11♊57	20°R26	T 1
W 2	14 36 39	10°47'16	18°38	19°18	3°25	16°17	0°48	16° 4	20°55	13° 1	13°44	11♋27	12°57	12° 4	20♏21	W 2
T 3	14 40 35	11°45'19	3♐43	20°56	4°38	16°57	1° 2	16°11	20°57	13° 3	13°44	11°20	12°53	12°11	20°17	T 3
F 4	14 44 32	12°43'21	18°43	22°36	5°52	17°36	1°16	16°18	20°59	13° 5	13°44	11°16	12°50	12°17	20°13	F 4
S 5	14 48 28	13°41'21	3♑28	24°17	7° 5	18°15	1°31	16°25	21° 1	13° 7	13°44	11°14	12°47	12°24	20° 8	S 5
S 6	14 52 25	14°39'20	17°55	26° 1	8°18	18°54	1°45	16°32	21° 3	13° 9	13°45	11°D14	12°44	12°31	20° 4	S 6
M 7	14 56 21	15°37'17	2♒ 0	27°47	9°31	19°34	1°59	16°39	21° 5	13°11	13°45	11°15	12°41	12°37	19°59	M 7
T 8	15 0 18	16°35'14	15°43	29°34	10°44	20°13	2°13	16°46	21° 7	13°13	13°45	11°R15	12°37	12°44	19°55	T 8
W 9	15 4 14	17°33'09	29° 5	1♉24	11°56	20°52	2°27	16°53	21° 9	13°15	13°46	11°14	12°34	12°51	19°50	W 9
T 10	15 8 11	18°31'02	12♓ 9	3°15	13° 9	21°31	2°42	16°59	21°11	13°17	13°46	11°12	12°31	12°57	19°46	T 10
F 11	15 12 8	19°28'55	24°57	5° 9	14°22	22°10	2°56	17° 6	21°13	13°19	13°46	11° 7	12°28	13° 4	19°41	F 11
S 12	15 16 4	20°26'46	7♈31	7° 4	15°35	22°49	3°10	17°13	21°15	13°21	13°47	11° 0	12°25	13°11	19°36	S 12
S 13	15 20 1	21°24'35	19°54	9° 1	16°48	23°28	3°24	17°20	21°17	13°23	13°47	10°52	12°22	13°17	19°32	S 13
M14	15 23 57	22°22'24	2♉ 7	11° 0	18° 0	24° 7	3°38	17°26	21°19	13°25	13°48	10°43	12°18	13°24	19°27	M14
T 15	15 27 54	23°20'11	14°11	13° 1	19°13	24°46	3°52	17°33	21°22	13°27	13°48	10°34	12°15	13°30	19°23	T 15
W16	15 31 50	24°17'57	26° 8	15° 4	20°26	25°25	4° 6	17°40	21°24	13°28	13°49	10°26	12°12	13°37	19°18	W16
T 17	15 35 47	25°15'42	8♊ 0	17° 8	21°38	26° 4	4°20	17°46	21°26	13°30	13°49	10°20	12° 9	13°44	19°14	T 17
F 18	15 39 43	26°13'25	19°48	19°14	22°51	26°43	4°33	17°53	21°29	13°32	13°50	10°16	12° 6	13°50	19° 9	F 18
S 19	15 43 40	27°11'07	1♋35	21°22	24° 4	27°22	4°47	17°59	21°31	13°34	13°50	10°13	12° 3	13°57	19° 5	S 19
S 20	15 47 37	28° 8'47	13°24	23°30	25°16	28° 1	5° 1	18° 6	21°34	13°36	13°51	10°D13	11°59	14° 4	19° 1	S 20
M21	15 51 33	29° 6'26	25°18	25°40	26°29	28°40	5°15	18°12	21°36	13°37	13°52	10°14	11°56	14°10	18°56	M21
T 22	15 55 30	0♊ 4'03	7♌22	27°51	27°41	29°19	5°29	18°18	21°39	13°39	13°52	10°16	11°53	14°17	18°52	T 22
W23	15 59 26	1° 1'39	19°41	0♊ 2	28°53	29°58	5°42	18°25	21°41	13°41	13°53	10°17	11°50	14°24	18°47	W23
T 24	16 3 23	1°59'14	2♍18	2°14	0♋ 6	0♋36	5°56	18°31	21°44	13°42	13°54	10°R17	11°47	14°30	18°43	T 24
F 25	16 7 19	2°56'47	15°18	4°26	1°18	1°15	6° 9	18°37	21°47	13°44	13°55	10°17	11°43	14°37	18°39	F 25
S 26	16 11 16	3°54'18	28°45	6°38	2°30	1°54	6°23	18°43	21°49	13°46	13°55	10°14	11°40	14°44	18°35	S 26
S 27	16 15 12	4°51'49	12♎41	8°49	3°43	2°33	6°37	18°49	21°52	13°47	13°56	10°11	11°37	14°50	18°30	S 27
M28	16 19 9	5°49'17	27° 5	11° 0	4°55	3°12	6°50	18°55	21°55	13°49	13°57	10° 6	11°34	14°57	18°26	M28
T 29	16 23 6	6°46'45	11♏53	13°10	6° 7	3°50	7° 3	19° 1	21°58	13°50	13°58	10° 1	11°31	15° 4	18°22	T 29
W30	16 27 2	7°44'12	26°58	15°18	7°19	4°29	7°17	19° 7	22° 1	13°52	13°59	9°57	11°28	15°10	18°18	W30
T 31	16 30 59	8♊41'37	12♐12	17♊26	8♋31	5♋ 8	7♉30	19♈13	22♋ 4	13♈53	14♌ 0	9♋54	11♋24	15♊17	18♏14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14n47	8s19	4n42	4n31	2s38	21n11	0n33	23n41	0n59	10n44	1s 1	4n12	2s15	22n21	0n30	3n42	1s34	24n54	8n33	22n58	22n50	19n37	14s59	3n 1	T 1
W 2	15 5	13 30	4 3	5 11	2 35	21 28	0 36	23 45	0 59	10 49	1 1	4 15	2 16	22 21	0 30	3 43	1 34	24 54	8 33	22 59	22 51	19 39	14 57	3 1	W 2
T 3	15 23	17 53	3 7	5 51	2 31	21 44	0 38	23 50	1 0	10 54	1 1	4 17	2 16	22 20	0 30	3 43	1 34	24 54	8 33	23 0	22 51	19 41	14 56	3 2	T 3
F 4	15 41	21 3	1 58	6 33	2 26	21 59	0 41	23 54	1 0	10 59	1 1	4 20	2 16	22 20	0 30	3 44	1 34	24 53	8 32	23 0	22 51	19 42	14 54	3 2	F 4
S 5	15 58	22 44	0 41	7 15	2 21	22 15	0 44	23 57	1 0	11 3	1 1	4 22	2 16	22 20	0 30	3 45	1 34	24 53	8 32	23 0	22 52	19 44	14 53	3 2	S 5
S 6	16 16	22 52	0s36	7 58	2 15	22 29	0 46	24 1	1 0	11 8	1 1	4 25	2 16	22 19	0 30	3 46	1 34	24 53	8 32	23 0	22 52	19 45	14 51	3 3	S 6
M 7	16 33	21 31	1 49	8 42	2 9	22 43	0 49	24 5	1 1	11 13	1 1	4 28	2 16	22 19	0 30	3 46	1 34	24 53	8 32	23 0	22 52	19 47	14 49	3 3	M 7
T 8	16 49	18 55	2 54	9 26	2 2	22 56	0 51	24 8	1 1	11 18	1 1	4 30	2 16	22 19	0 30	3 47	1 34	24 52	8 32	23 0	22 53	19 49	14 48	3 3	T 8
W 9	17 6	15 22	3 48	10 11	1 55	23 9	0 54	24 11	1 1	11 23	1 1	4 33	2 16	22 18	0 30	3 48	1 34	24 52	8 32	23 0	22 53	19 50	14 46	3 4	W 9
T 10	17 22	11 9	4 29	10 56	1 47	23 20	0 56	24 14	1 2	11 28	1 1	4 35	2 16	22 18	0 30	3 49	1 34	24 52	8 31	23 0	22 53	19 52	14 45	3 4	T 10
F 11	17 38	6 31	4 55	11 42	1 39	23 32	0 58	24 16	1 2	11 33	1 1	4 38	2 17	22 18	0 30	3 49	1 34	24 52	8 31	23 1	22 54	19 53	14 43	3 4	F 11
S 12	17 53	1 42	5 6	12 28	1 30	23 42	1 1	24 19	1 2	11 37	1 1	4 40	2 17	22 17	0 30	3 50	1 34	24 51	8 31	23 1	22 54	19 55	14 42	3 5	S 12
S 13	18 9	3n 7	5 3	13 14	1 21	23 52	1 3	24 21	1 2	11 42	1 1	4 42	2 17	22 17	0 30	3 51	1 34	24 51	8 31	23 2	22 54	19 57	14 40	3 5	S 13
M14	18 24	7 45	4 46	14 1	1 12	24 1	1 6	24 23	1 2	11 47	1 1	4 45	2 17	22 17	0 30	3 51	1 34	24 51	8 31	23 3	22 54	19 58	14 39	3 5	M14
T 15	18 38	12 2	4 16	14 47	1 3	24 10	1 8	24 25	1 3	11 52	1 1	4 47	2 17	22 16	0 30	3 52	1 34	24 50	8 31	23 3	22 55	20 0	14 37	3 6	T 15
W16	18 53	15 50	3 35	15 32	0 53	24 18	1 10	24 27	1 3	11 56	1 1	4 50	2 17	22 16	0 30	3 53	1 34	24 50	8 30	23 4	22 55	20 1	14 36	3 6	W16
T 17	19 7	18 57	2 45	16 18	0 43	24 25	1 12	24 28	1 3	12 1	1 1	4 52	2 17	22 15	0 30	3 53	1 34	24 50	8 30	23 4	22 55	20 3	14 35	3 6	T 17
F 18	19 20	21 17	1 48	17 3	0 32	24 31	1 14	24 30	1 3	12 6	1 1	4 54	2 18	22 15	0 30	3 54	1 34	24 49	8 30	23 5	22 56	20 4	14 33	3 6	F 18
S 19	19 34	22 41	0 47	17 47	0 22	24 37	1 17	24 31	1 4	12 10	1 2	4 57	2 18	22 15	0 30	3 55	1 34	24 49	8 30	23 5	22 56	20 6	14 32	3 7	S 19
S 20	19 47	23 5	0n17	18 30	0 11	24 42	1 19	24 31	1 4	12 15	1 2	4 59	2 18	22 14	0 30	3 55	1 34	24 49	8 30	23 5	22 56	20 8	14 30	3 7	S 20
M21	19 59	22 26	1 21	19 12	0 1	24 46	1 21	24 32	1 4	12 19	1 2	5 1	2 18	22 14	0 30	3 56	1 34	24 48	8 30	23 5	22 56	20 9	14 29	3 7	M21
T 22	20 12	20 45	2 22	19 53	0n10	24 50	1 23	24 33	1 4	12 24	1 2	5 4	2 18	22 13	0 30	3 57	1 35	24 48	8 29	23 5	22 57	20 11	14 27	3 7	T 22
W23	20 24	18 4	3 18	20 31	0 21	24 53	1 25	24 33	1 4	12 29	1 2	5 6	2 18	22 13	0 30	3 57	1 35	24 48	8 29	23 5	22 57	20 12	14 26	3 8	W23
T 24	20 36	14 30	4 6	21 9	0 31	24 55	1 27	24 33	1 5	12 33	1 2	5 8	2 18	22 13	0 30	3 58	1 35	24 47	8 29	23 5	22 57	20 14	14 25	3 8	T 24
F 25	20 47	10 9	4 43	21 44	0 41	24 57	1 28	24 33	1 5	12 37	1 2	5 10	2 19	22 12	0 30	3 58	1 35	24 47	8 29	23 5	22 58	20 15	14 23	3 8	F 25
S 26	20 58	5 10	5 6	22 17	0 50	24 57	1 30	24 33	1 5	12 42	1 2	5 12	2 19	22 12	0 30	3 59	1 35	24 47	8 29	23 5	22 58	20 17	14 22	3 8	S 26
S 27	21 8	0s14	5 12	22 47	1 0	24 57	1 32	24 32	1 5	12 46	1 2	5 14	2 19	22 11	0 30	4 0	1 35	24 46	8 29	23 5	22 58	20 18	14 21	3 8	S 27
M28	21 19	5 48	4 58	23 16	1 9	24 57	1 34	24 32	1 5	12 51	1 2	5 17	2 19	22 11	0 30	4 0	1 35	24 46	8 28	23 6	22 58	20 20	14 19	3 9	M28
T 29	21 29	11 13	4 25	23 41	1 17	24 55	1 35	24 31	1 5	12 55	1 2	5 19	2 19	22 10	0 30	4 1	1 35	24 45	8 28	23 6	22 59	20 21	14 18	3 9	T 29
W30	21 38	16 3	3 33	24 4	1 25	24 53	1 37	24 30	1 6	12 59	1 2	5 21	2 19	22 10	0 30	4 1	1 35	24 45	8 28	23 6	22 59	20 23	14 17	3 9	W30
T 31	21n47	19s53	2n26	24n24	1n32	24n50	1n38	24n28	1n 6	13n 4	1s 2	5n23	2s20	22n 9	0n30	4n 2	1s35	24n44	8n28	23n 6	22n59	20n24	14s15	3n 9	T 31

Julian Day Number = 2343187.5, Delta T = 13.21 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°35'56, Lahiri = 19°42'56Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

JUNE 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 34 55	9♊39'02	27♐23	19♊31	9♋43	5♋46	7♉43	19♈18	22♋ 6	13♈55	14♘ 1	9°R52	11♋21	15♊24	18°R10	F 1
S 2	16 38 52	10°36'26	12♑24	21°35	10°55	6°25	7°56	19°24	22° 9	13°56	14° 2	9°D51	11°18	15°30	18♏ 6	S 2
S 3	16 42 48	11°33'49	27° 6	23°37	12° 7	7° 4	8°10	19°30	22°12	13°58	14° 3	9♋52	11°15	15°37	18° 2	S 3
M 4	16 46 45	12°31'11	11♒24	25°37	13°19	7°42	8°23	19°35	22°15	13°59	14° 4	9°54	11°12	15°44	17°58	M 4
T 5	16 50 41	13°28'33	25°17	27°35	14°30	8°21	8°36	19°41	22°18	14° 0	14° 5	9°55	11° 9	15°50	17°54	T 5
W 6	16 54 38	14°25'54	8♓44	29°30	15°42	9° 0	8°49	19°46	22°21	14° 2	14° 6	9°R56	11° 5	15°57	17°51	W 6
T 7	16 58 35	15°23'15	21°49	1♋23	16°54	9°38	9° 2	19°51	22°25	14° 3	14° 7	9°56	11° 2	16° 4	17°47	T 7
F 8	17 2 31	16°20'35	4♈33	3°14	18° 5	10°17	9°15	19°57	22°28	14° 4	14° 8	9°55	10°59	16°10	17°44	F 8
S 9	17 6 28	17°17'55	17° 0	5° 2	19°17	10°55	9°27	20° 2	22°31	14° 6	14° 9	9°53	10°56	16°17	17°40	S 9
S 10	17 10 24	18°15'14	29°13	6°48	20°28	11°34	9°40	20° 7	22°34	14° 7	14°10	9°50	10°53	16°24	17°37	S 10
M11	17 14 21	19°12'33	11♉16	8°32	21°40	12°12	9°53	20°12	22°37	14° 8	14°11	9°46	10°49	16°30	17°33	M11
T 12	17 18 17	20° 9'52	23°12	10°13	22°51	12°51	10° 5	20°17	22°40	14° 9	14°13	9°43	10°46	16°37	17°30	T 12
W13	17 22 14	21° 7'10	5♊ 3	11°51	24° 3	13°29	10°18	20°22	22°44	14°10	14°14	9°40	10°43	16°44	17°27	W13
T 14	17 26 10	22° 4'27	16°51	13°27	25°14	14° 8	10°30	20°27	22°47	14°11	14°15	9°38	10°40	16°50	17°23	T 14
F 15	17 30 7	23° 1'44	28°38	15° 0	26°25	14°46	10°43	20°32	22°50	14°13	14°16	9°37	10°37	16°57	17°20	F 15
S 16	17 34 4	23°59'01	10♋28	16°31	27°37	15°25	10°55	20°37	22°53	14°14	14°18	9°D37	10°34	17° 4	17°17	S 16
S 17	17 38 0	24°56'17	22°22	18° 0	28°48	16° 3	11° 7	20°41	22°57	14°15	14°19	9°37	10°30	17°10	17°14	S 17
M18	17 41 57	25°53'32	4♌23	19°25	29°59	16°42	11°19	20°46	23° 0	14°16	14°20	9°38	10°27	17°17	17°11	M18
T 19	17 45 53	26°50'47	16°33	20°48	1♌10	17°20	11°32	20°50	23° 4	14°17	14°22	9°39	10°24	17°24	17° 9	T 19
W20	17 49 50	27°48'01	28°57	22° 9	2°21	17°59	11°44	20°55	23° 7	14°18	14°23	9°40	10°21	17°30	17° 6	W20
T 21	17 53 46	28°45'15	11♍37	23°26	3°32	18°37	11°55	20°59	23°10	14°18	14°24	9°41	10°18	17°37	17° 3	T 21
F 22	17 57 43	29°42'28	24°36	24°41	4°43	19°15	12° 7	21° 3	23°14	14°19	14°26	9°R42	10°15	17°44	17° 1	F 22
S 23	18 1 40	0♋39'40	7♎59	25°54	5°54	19°54	12°19	21° 8	23°17	14°20	14°27	9°42	10°11	17°50	16°58	S 23
S 24	18 5 36	1°36'52	21°46	27° 3	7° 4	20°32	12°31	21°12	23°21	14°21	14°28	9°41	10° 8	17°57	16°56	S 24
M25	18 9 33	2°34'03	5♏58	28° 9	8°15	21°10	12°42	21°16	23°24	14°22	14°30	9°41	10° 5	18° 4	16°54	M25
T 26	18 13 29	3°31'14	20°33	29°12	9°26	21°49	12°54	21°20	23°28	14°23	14°31	9°40	10° 2	18°10	16°51	T 26
W27	18 17 26	4°28'25	5♐27	0♌13	10°36	22°27	13° 5	21°23	23°31	14°23	14°33	9°39	9°59	18°17	16°49	W27
T 28	18 21 22	5°25'35	20°33	1° 9	11°47	23° 5	13°17	21°27	23°35	14°24	14°34	9°39	9°55	18°24	16°47	T 28
F 29	18 25 19	6°22'45	5♑42	2° 3	12°57	23°44	13°28	21°31	23°38	14°25	14°36	9°D39	9°52	18°30	16°45	F 29
S 30	18 29 15	7♋19'56	20♑45	2♌53	14♌ 7	24♋22	13♉39	21♈34	23♋42	14♈25	14♌37	9♋39	9♋49	18♊37	16♏44	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n56	22s19	1n 8	24n42	1n38	24n47	1n40	24n27	1n 6	13n 8	1s 2	5n25	2s20	22n 9	0n30	4n 2	1s35	24n44	8n28	23n 7	22n59	20n26	14s14	3n 9
S 2	22 4	23 8	0s14	24 56	1 44	24 42	1 41	24 25	1 6	13 12	1 2	5 27	2 20	22 8	0 30	4 3	1 35	24 44	8 28	23 7	23 0	20 27	14 13	3 9
S 3	22 12	22 18	1 33	25 8	1 49	24 37	1 42	24 23	1 6	13 16	1 2	5 29	2 20	22 8	0 30	4 3	1 35	24 43	8 28	23 7	23 0	20 29	14 12	3 10
M 4	22 20	20 1	2 45	25 18	1 53	24 32	1 44	24 21	1 6	13 20	1 2	5 31	2 20	22 7	0 30	4 4	1 35	24 43	8 27	23 6	23 0	20 30	14 11	3 10
T 5	22 27	16 38	3 44	25 24	1 57	24 25	1 45	24 19	1 6	13 25	1 2	5 32	2 21	22 7	0 30	4 4	1 35	24 42	8 27	23 6	23 1	20 32	14 9	3 10
W 6	22 34	12 28	4 29	25 28	2 0	24 18	1 46	24 17	1 7	13 29	1 2	5 34	2 21	22 6	0 30	4 5	1 35	24 42	8 27	23 6	23 1	20 33	14 8	3 10
T 7	22 40	7 50	4 59	25 30	2 2	24 10	1 47	24 14	1 7	13 33	1 2	5 36	2 21	22 6	0 30	4 5	1 35	24 41	8 27	23 6	23 1	20 35	14 7	3 10
F 8	22 47	2 59	5 13	25 29	2 3	24 2	1 48	24 11	1 7	13 37	1 2	5 38	2 21	22 5	0 30	4 6	1 35	24 41	8 27	23 6	23 1	20 36	14 6	3 10
S 9	22 52	1n53	5 12	25 26	2 4	23 53	1 49	24 8	1 7	13 41	1 2	5 40	2 21	22 5	0 30	4 6	1 35	24 41	8 27	23 7	23 2	20 38	14 5	3 10
S 10	22 57	6 35	4 57	25 21	2 3	23 43	1 50	24 5	1 7	13 45	1 2	5 41	2 22	22 4	0 30	4 7	1 35	24 40	8 27	23 7	23 2	20 39	14 4	3 10
M11	23 2	10 58	4 29	25 14	2 3	23 33	1 50	24 2	1 7	13 49	1 2	5 43	2 22	22 4	0 30	4 7	1 35	24 40	8 27	23 7	23 2	20 41	14 3	3 11
T 12	23 7	14 54	3 49	25 6	2 1	23 22	1 51	23 58	1 7	13 53	1 2	5 45	2 22	22 3	0 30	4 7	1 36	24 39	8 26	23 7	23 2	20 42	14 2	3 11
W13	23 11	18 14	3 0	24 55	1 58	23 10	1 51	23 55	1 8	13 56	1 3	5 47	2 22	22 3	0 30	4 8	1 36	24 39	8 26	23 7	23 3	20 44	14 1	3 11
T 14	23 14	20 48	2 3	24 43	1 55	22 57	1 52	23 51	1 8	14 0	1 3	5 48	2 22	22 2	0 30	4 8	1 36	24 38	8 26	23 8	23 3	20 45	14 0	3 11
F 15	23 18	22 28	1 0	24 29	1 52	22 44	1 52	23 47	1 8	14 4	1 3	5 50	2 23	22 2	0 30	4 8	1 36	24 38	8 26	23 8	23 3	20 47	13 59	3 11
S 16	23 20	23 9	0n 5	24 14	1 47	22 31	1 53	23 42	1 8	14 8	1 3	5 51	2 23	22 1	0 30	4 9	1 36	24 37	8 26	23 8	23 3	20 48	13 58	3 11
S 17	23 23	22 46	1 10	23 57	1 42	22 17	1 53	23 38	1 8	14 12	1 3	5 53	2 23	22 0	0 30	4 9	1 36	24 37	8 26	23 8	23 4	20 49	13 57	3 11
M18	23 25	21 21	2 13	23 39	1 36	22 2	1 53	23 33	1 8	14 15	1 3	5 54	2 23	22 0	0 30	4 10	1 36	24 36	8 26	23 8	23 4	20 51	13 56	3 11
T 19	23 26	18 56	3 11	23 21	1 30	21 46	1 53	23 29	1 8	14 19	1 3	5 56	2 24	21 59	0 30	4 10	1 36	24 36	8 26	23 8	23 4	20 52	13 55	3 11
W20	23 28	15 37	4 1	23 1	1 23	21 30	1 53	23 24	1 8	14 23	1 3	5 57	2 24	21 59	0 30	4 10	1 36	24 35	8 26	23 7	23 4	20 54	13 55	3 11
T 21	23 28	11 32	4 40	22 41	1 15	21 14	1 53	23 19	1 8	14 26	1 3	5 59	2 24	21 58	0 30	4 10	1 36	24 35	8 25	23 7	23 5	20 55	13 54	3 11
F 22	23 29	6 50	5 7	22 19	1 7	20 57	1 53	23 13	1 8	14 30	1 3	6 0	2 24	21 58	0 30	4 11	1 36	24 34	8 25	23 7	23 5	20 57	13 53	3 11
S 23	23 29	1 41	5 17	21 57	0 58	20 39	1 53	23 8	1 8	14 33	1 3	6 1	2 24	21 57	0 30	4 11	1 36	24 34	8 25	23 7	23 5	20 58	13 52	3 11
S 24	23 28	3s42	5 10	21 35	0 49	20 21	1 52	23 2	1 9	14 37	1 3	6 3	2 25	21 56	0 30	4 11	1 36	24 33	8 25	23 7	23 5	20 59	13 52	3 11
M25	23 27	9 3	4 45	21 12	0 39	20 2	1 52	22 56	1 9	14 40	1 3	6 4	2 25	21 56	0 30	4 12	1 36	24 33	8 25	23 7	23 6	21 1	13 51	3 11
T 26	23 26	14 3	4 0	20 49	0 29	19 43	1 51	22 50	1 9	14 44	1 3	6 5	2 25	21 55	0 30	4 12	1 36	24 32	8 25	23 7	23 6	21 2	13 50	3 11
W27	23 24	18 19	2 59	20 26	0 18	19 23	1 51	22 44	1 9	14 47	1 4	6 6	2 25	21 55	0 30	4 12	1 36	24 32	8 25	23 8	23 6	21 4	13 50	3 11
T 28	23 22	21 24	1 44	20 2	0 6	19 3	1 50	22 38	1 9	14 50	1 4	6 8	2 26	21 54	0 30	4 12	1 36	24 31	8 25	23 8	23 6	21 5	13 49	3 11
F 29	23 19	22 59	0 22	19 39	0s 6	18 42	1 49	22 31	1 9	14 54	1 4	6 9	2 26	21 53	0 30	4 12	1 36	24 30	8 25	23 8	23 7	21 6	13 49	3 11
S 30	23n16	22s53	1s 1	19n15	0s18	18n21	1n48	22n25	1n 9	14n57	1s 4	6n10	2s26	21n53	0n30	4n13	1s37	24n30	8n25	23n 8	23n 7	21n 8	13s48	3n11

Julian Day Number = 2343218.5, Delta T = 13.18 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'00, Lahiri = 19°43'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

JULY 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 33 12	8♋17'06	5♒33	3♌40	15♌17	25♋ 0	13♉50	21♈38	23♋45	14♈26	14♌39	9♋39	9♋46	18♊43	16°R42	S 1
M 2	18 37 9	9°14'16	20° 1	4°23	16°28	25°39	14° 1	21°41	23°49	14°26	14°40	9°R39	9°43	18°50	16♏40	M 2
T 3	18 41 5	10°11'27	4♓ 3	5° 2	17°38	26°17	14°12	21°45	23°53	14°27	14°42	9°39	9°40	18°57	16°39	T 3
W 4	18 45 2	11° 8'37	17°39	5°38	18°48	26°55	14°23	21°48	23°56	14°27	14°44	9°39	9°36	19° 3	16°37	W 4
T 5	18 48 58	12° 5'49	0♈48	6° 9	19°58	27°33	14°33	21°51	24° 0	14°28	14°45	9°39	9°33	19°10	16°36	T 5
F 6	18 52 55	13° 3'00	13°35	6°36	21° 7	28°12	14°44	21°54	24° 3	14°28	14°47	9°D39	9°30	19°17	16°35	F 6
S 7	18 56 51	14° 0'12	26° 1	6°59	22°17	28°50	14°54	21°57	24° 7	14°29	14°49	9°39	9°27	19°23	16°34	S 7
S 8	19 0 48	14°57'25	8♉11	7°18	23°27	29°28	15° 5	22° 0	24°11	14°29	14°50	9°39	9°24	19°30	16°33	S 8
M 9	19 4 44	15°54'38	20°10	7°32	24°36	0♌ 6	15°15	22° 3	24°14	14°29	14°52	9°40	9°21	19°37	16°32	M 9
T 10	19 8 41	16°51'51	2♊ 1	7°41	25°46	0°44	15°25	22° 5	24°18	14°30	14°53	9°40	9°17	19°43	16°31	T 10
W11	19 12 38	17°49'05	13°49	7°R45	26°55	1°23	15°35	22° 8	24°22	14°30	14°55	9°41	9°14	19°50	16°30	W11
T 12	19 16 34	18°46'20	25°37	7°45	28° 5	2° 1	15°45	22°10	24°25	14°30	14°57	9°42	9°11	19°57	16°30	T 12
F 13	19 20 31	19°43'35	7♋27	7°40	29°14	2°39	15°55	22°13	24°29	14°30	14°59	9°R42	9° 8	20° 3	16°29	F 13
S 14	19 24 27	20°40'51	19°23	7°30	0♍23	3°17	16° 5	22°15	24°33	14°31	15° 0	9°42	9° 5	20°10	16°29	S 14
S 15	19 28 24	21°38'06	1♌26	7°15	1°32	3°56	16°14	22°17	24°36	14°31	15° 2	9°41	9° 1	20°17	16°28	S 15
M16	19 32 20	22°35'23	13°39	6°56	2°41	4°34	16°24	22°19	24°40	14°31	15° 4	9°40	8°58	20°23	16°28	M16
T 17	19 36 17	23°32'40	26° 2	6°32	3°50	5°12	16°33	22°21	24°44	14°31	15° 5	9°38	8°55	20°30	16°28	T 17
W18	19 40 13	24°29'57	8♍39	6° 4	4°59	5°50	16°42	22°23	24°47	14°31	15° 7	9°36	8°52	20°37	16°D28	W18
T 19	19 44 10	25°27'14	21°29	5°32	6° 7	6°28	16°52	22°25	24°51	14°R31	15° 9	9°34	8°49	20°43	16°28	T 19
F 20	19 48 7	26°24'32	4♎35	4°57	7°16	7° 6	17° 1	22°27	24°55	14°31	15°11	9°32	8°46	20°50	16°28	F 20
S 21	19 52 3	27°21'50	17°59	4°18	8°24	7°45	17° 9	22°28	24°58	14°31	15°13	9°31	8°42	20°57	16°28	S 21
S 22	19 56 0	28°19'08	1♏41	3°38	9°33	8°23	17°18	22°30	25° 2	14°31	15°14	9°D31	8°39	21° 3	16°29	S 22
M23	19 59 56	29°16'27	15°42	2°55	10°41	9° 1	17°27	22°31	25° 6	14°31	15°16	9°32	8°36	21°10	16°29	M23
T 24	20 3 53	0♌13'46	0♐ 1	2°12	11°49	9°39	17°35	22°33	25° 9	14°31	15°18	9°33	8°33	21°17	16°30	T 24
W25	20 7 49	1°11'06	14°36	1°28	12°57	10°17	17°43	22°34	25°13	14°30	15°20	9°34	8°30	21°23	16°31	W25
T 26	20 11 46	2° 8'27	29°22	0°45	14° 5	10°55	17°52	22°35	25°17	14°30	15°22	9°35	8°27	21°30	16°32	T 26
F 27	20 15 42	3° 5'48	14♑14	0° 3	15°12	11°34	18° 0	22°36	25°20	14°30	15°23	9°R35	8°23	21°36	16°32	F 27
S 28	20 19 39	4° 3'09	29° 5	29♋23	16°20	12°12	18° 8	22°37	25°24	14°30	15°25	9°34	8°20	21°43	16°34	S 28
S 29	20 23 36	5° 0'32	13♒47	28°46	17°28	12°50	18°15	22°38	25°28	14°29	15°27	9°32	8°17	21°50	16°35	S 29
M30	20 27 32	5°57'55	28°13	28°12	18°35	13°28	18°23	22°38	25°31	14°29	15°29	9°29	8°14	21°56	16°36	M30
T 31	20 31 29	6♌55'20	12♓17	27♋43	19♍42	14♌ 6	18♉31	22♈39	25♋35	14♈29	15♌31	9♋25	8♋11	22♊ 3	16♏37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n13	21s10	2s19	18n52	0s31	17n59	1n47	22n18	1n 9	15n 0	1s 4	6n11	2s26	21n52	0n30	4n13	1s37	24n29	8n25	23n 8	23n 7	21n 9	13s48	3n11
M 2	23 9	18 5	3 26	18 29	0 44	17 37	1 46	22 11	1 9	15 3	1 4	6 12	2 27	21 52	0 30	4 13	1 37	24 29	8 25	23 8	23 7	21 11	13 47	3 11
T 3	23 5	14 3	4 19	18 7	0 57	17 14	1 45	22 4	1 9	15 6	1 4	6 13	2 27	21 51	0 30	4 13	1 37	24 28	8 25	23 8	23 7	21 12	13 47	3 11
W 4	23 1	9 24	4 55	17 45	1 11	16 51	1 44	21 56	1 9	15 9	1 4	6 14	2 27	21 50	0 30	4 13	1 37	24 28	8 24	23 8	23 8	21 13	13 46	3 11
T 5	22 56	4 29	5 14	17 23	1 25	16 28	1 42	21 49	1 9	15 12	1 4	6 15	2 27	21 50	0 30	4 13	1 37	24 27	8 24	23 8	23 8	21 15	13 46	3 11
F 6	22 50	0n30	5 17	17 3	1 40	16 4	1 41	21 41	1 9	15 15	1 4	6 16	2 28	21 49	0 30	4 13	1 37	24 27	8 24	23 8	23 8	21 16	13 46	3 11
S 7	22 44	5 19	5 5	16 43	1 54	15 40	1 39	21 33	1 9	15 18	1 5	6 17	2 28	21 48	0 30	4 14	1 37	24 26	8 24	23 8	23 8	21 17	13 45	3 11
S 8	22 38	9 51	4 39	16 24	2 9	15 15	1 37	21 25	1 9	15 21	1 5	6 17	2 28	21 48	0 30	4 14	1 37	24 26	8 24	23 8	23 9	21 19	13 45	3 11
M 9	22 32	13 56	4 2	16 6	2 24	14 51	1 36	21 17	1 9	15 24	1 5	6 18	2 28	21 47	0 30	4 14	1 37	24 25	8 24	23 7	23 9	21 20	13 45	3 11
T 10	22 25	17 25	3 14	15 50	2 38	14 25	1 34	21 9	1 9	15 27	1 5	6 19	2 29	21 46	0 30	4 14	1 37	24 25	8 24	23 7	23 9	21 21	13 45	3 11
W11	22 17	20 12	2 19	15 35	2 53	14 0	1 32	21 1	1 9	15 30	1 5	6 20	2 29	21 46	0 30	4 14	1 37	24 24	8 24	23 7	23 9	21 23	13 45	3 11
T 12	22 10	22 7	1 17	15 21	3 7	13 34	1 30	20 52	1 9	15 33	1 5	6 20	2 29	21 45	0 30	4 14	1 37	24 23	8 24	23 7	23 10	21 24	13 44	3 11
F 13	22 1	23 4	0 12	15 9	3 21	13 8	1 28	20 44	1 9	15 35	1 5	6 21	2 30	21 45	0 30	4 14	1 37	24 23	8 24	23 7	23 10	21 25	13 44	3 11
S 14	21 53	22 57	0n53	14 58	3 35	12 41	1 25	20 35	1 9	15 38	1 5	6 22	2 30	21 44	0 30	4 14	1 37	24 22	8 24	23 7	23 10	21 27	13 44	3 11
S 15	21 44	21 47	1 58	14 49	3 48	12 14	1 23	20 26	1 9	15 41	1 5	6 22	2 30	21 43	0 30	4 14	1 37	24 22	8 24	23 7	23 10	21 28	13 44	3 11
M16	21 35	19 35	2 57	14 42	4 0	11 47	1 21	20 17	1 9	15 43	1 6	6 23	2 30	21 43	0 30	4 14	1 37	24 21	8 24	23 7	23 10	21 29	13 44	3 11
T 17	21 25	16 27	3 49	14 37	4 11	11 20	1 18	20 7	1 9	15 46	1 6	6 23	2 31	21 42	0 30	4 14	1 38	24 21	8 24	23 8	23 11	21 31	13 44	3 11
W18	21 15	12 32	4 31	14 33	4 22	10 52	1 15	19 58	1 9	15 48	1 6	6 24	2 31	21 41	0 30	4 14	1 38	24 20	8 24	23 8	23 11	21 32	13 44	3 11
T 19	21 5	7 59	5 0	14 32	4 31	10 24	1 13	19 48	1 10	15 51	1 6	6 24	2 31	21 41	0 30	4 14	1 38	24 20	8 24	23 8	23 11	21 33	13 44	3 11
F 20	20 54	2 59	5 15	14 33	4 39	9 56	1 10	19 39	1 10	15 53	1 6	6 24	2 31	21 40	0 30	4 14	1 38	24 19	8 24	23 8	23 11	21 35	13 44	3 11
S 21	20 43	2s15	5 13	14 35	4 46	9 28	1 7	19 29	1 9	15 56	1 6	6 25	2 32	21 39	0 30	4 14	1 38	24 18	8 24	23 8	23 11	21 36	13 45	3 11
S 22	20 32	7 30	4 53	14 39	4 51	8 59	1 4	19 19	1 9	15 58	1 6	6 25	2 32	21 39	0 30	4 14	1 38	24 18	8 24	23 8	23 12	21 37	13 45	3 11
M23	20 20	12 30	4 15	14 46	4 54	8 31	1 1	19 9	1 9	16 0	1 6	6 25	2 32	21 38	0 30	4 13	1 38	24 17	8 24	23 8	23 12	21 38	13 45	3 11
T 24	20 8	16 54	3 21	14 53	4 56	8 2	0 58	18 59	1 9	16 2	1 7	6 25	2 33	21 37	0 30	4 13	1 38	24 17	8 24	23 8	23 12	21 40	13 45	3 10
W25	19 56	20 22	2 14	15 3	4 56	7 33	0 54	18 48	1 9	16 5	1 7	6 26	2 33	21 37	0 30	4 13	1 38	24 16	8 24	23 8	23 12	21 41	13 45	3 10
T 26	19 43	22 32	0 56	15 14	4 54	7 4	0 51	18 38	1 9	16 7	1 7	6 26	2 33	21 36	0 30	4 13	1 38	24 16	8 24	23 8	23 12	21 42	13 46	3 10
F 27	19 30	23 8	0s26	15 26	4 51	6 34	0 48	18 27	1 9	16 9	1 7	6 26	2 33	21 35	0 30	4 13	1 38	24 15	8 24	23 8	23 13	21 43	13 46	3 10
S 28	19 16	22 5	1 45	15 39	4 46	6 5	0 44	18 17	1 9	16 11	1 7	6 26	2 34	21 35	0 30	4 13	1 38	24 15	8 24	23 8	23 13	21 45	13 46	3 10
S 29	19 3	19 33	2 57	15 53	4 39	5 35	0 40	18 6	1 9	16 13	1 7	6 26	2 34	21 34	0 30	4 13	1 38	24 14	8 24	23 8	23 13	21 46	13 47	3 10
M30	18 49	15 48	3 56	16 8	4 30	5 5	0 37	17 55	1 9	16 15	1 7	6 26	2 34	21 33	0 30	4 12	1 38	24 14	8 24	23 8	23 13	21 47	13 47	3 10
T 31	18n34	11s16	4s39	16n24	4s20	4n35	0n33	17n44	1n 9	16n17	1s 7	6n26	2s34	21n33	0n30	4n12	1s38	24n13	8n24	23n 9	23n13	21n49	13s48	3n10

Julian Day Number = 2343248.5, Delta T = 13.16 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'04, Lahiri = 19°43'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

AUGUST 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 35 25	7♌52'45	25♓57	27°R19	20♍49	14♌44	18♉38	22♈39	25♋39	14°R28	15♌33	9°R21	8♋ 7	22♊10	16♏39	W 1
T 2	20 39 22	8°50'12	9♈10	27♋ 0	21°56	15°22	18°45	22°40	25°42	14♈28	15°34	9♋18	8° 4	22°16	16°40	T 2
F 3	20 43 18	9°47'40	22° 0	26°47	23° 3	16° 0	18°52	22°40	25°46	14°27	15°36	9°15	8° 1	22°23	16°42	F 3
S 4	20 47 15	10°45'09	4♉28	26°40	24° 9	16°39	18°59	22°40	25°49	14°27	15°38	9°14	7°58	22°30	16°44	S 4
S 5	20 51 11	11°42'40	16°39	26°D39	25°16	17°17	19° 6	22°R40	25°53	14°26	15°40	9°D14	7°55	22°36	16°45	S 5
M 6	20 55 8	12°40'12	28°37	26°45	26°22	17°55	19°12	22°40	25°56	14°26	15°42	9°15	7°52	22°43	16°47	M 6
T 7	20 59 5	13°37'45	10♊27	26°59	27°28	18°33	19°19	22°40	26° 0	14°25	15°44	9°16	7°48	22°50	16°49	T 7
W 8	21 3 1	14°35'20	22°15	27°19	28°34	19°11	19°25	22°40	26° 4	14°24	15°46	9°18	7°45	22°56	16°52	W 8
T 9	21 6 58	15°32'57	4♋ 4	27°46	29°40	19°49	19°31	22°39	26° 7	14°24	15°47	9°R19	7°42	23° 3	16°54	T 9
F 10	21 10 54	16°30'34	16° 0	28°20	0♎45	20°27	19°37	22°39	26°11	14°23	15°49	9°19	7°39	23°10	16°56	F 10
S 11	21 14 51	17°28'13	28° 3	29° 1	1°51	21° 6	19°43	22°38	26°14	14°22	15°51	9°17	7°36	23°16	16°59	S 11
S 12	21 18 47	18°25'53	10♌19	29°49	2°56	21°44	19°49	22°38	26°18	14°22	15°53	9°14	7°33	23°23	17° 1	S 12
M13	21 22 44	19°23'35	22°47	0♌44	4° 1	22°22	19°54	22°37	26°21	14°21	15°55	9° 8	7°29	23°30	17° 4	M13
T 14	21 26 40	20°21'18	5♍29	1°45	5° 6	23° 0	20° 0	22°36	26°25	14°20	15°57	9° 2	7°26	23°36	17° 6	T 14
W15	21 30 37	21°19'02	18°25	2°52	6°11	23°38	20° 5	22°35	26°28	14°19	15°59	8°55	7°23	23°43	17° 9	W15
T 16	21 34 34	22°16'47	1♎35	4° 6	7°15	24°16	20°10	22°34	26°31	14°18	16° 0	8°48	7°20	23°49	17°12	T 16
F 17	21 38 30	23°14'34	14°57	5°25	8°20	24°55	20°14	22°33	26°35	14°18	16° 2	8°41	7°17	23°56	17°15	F 17
S 18	21 42 27	24°12'22	28°31	6°50	9°24	25°33	20°19	22°31	26°38	14°17	16° 4	8°37	7°13	24° 3	17°18	S 18
S 19	21 46 23	25°10'11	12♏17	8°19	10°28	26°11	20°23	22°30	26°41	14°16	16° 6	8°34	7°10	24° 9	17°22	S 19
M20	21 50 20	26° 8'01	26°14	9°54	11°31	26°49	20°28	22°29	26°45	14°15	16° 8	8°D33	7° 7	24°16	17°25	M20
T 21	21 54 16	27° 5'52	10♐21	11°32	12°35	27°27	20°32	22°27	26°48	14°14	16°10	8°34	7° 4	24°23	17°28	T 21
W22	21 58 13	28° 3'45	24°38	13°14	13°38	28° 5	20°36	22°25	26°51	14°13	16°12	8°35	7° 1	24°29	17°32	W22
T 23	22 2 9	29° 1'38	9♑ 2	15° 0	14°41	28°44	20°39	22°24	26°55	14°12	16°13	8°R36	6°58	24°36	17°35	T 23
F 24	22 6 6	29°59'34	23°30	16°48	15°43	29°22	20°43	22°22	26°58	14°11	16°15	8°35	6°54	24°43	17°39	F 24
S 25	22 10 3	0♍57'30	7♒57	18°39	16°46	29°59	20°46	22°20	27° 1	14° 9	16°17	8°32	6°51	24°49	17°43	S 25
S 26	22 13 59	1°55'28	22°20	20°32	17°48	0♍38	20°49	22°18	27° 4	14° 8	16°19	8°26	6°48	24°56	17°47	S 26
M27	22 17 56	2°53'27	6♓31	22°26	18°50	1°16	20°52	22°15	27° 7	14° 7	16°21	8°19	6°45	25° 3	17°51	M27
T 28	22 21 52	3°51'28	20°26	24°22	19°51	1°55	20°55	22°13	27°11	14° 6	16°22	8°10	6°42	25° 9	17°55	T 28
W29	22 25 49	4°49'31	4♈ 0	26°18	20°53	2°33	20°58	22°11	27°14	14° 5	16°24	8° 1	6°38	25°16	17°59	W29
T 30	22 29 45	5°47'36	17°12	28°15	21°53	3°11	21° 0	22° 8	27°17	14° 4	16°26	7°52	6°35	25°23	18° 3	T 30
F 31	22 33 42	6♍45'42	0♉ 1	0♍12	22♎54	3♍49	21♉ 2	22♈ 6	27♋20	14♈ 2	16♌28	7♋45	6♋32	25♊29	18♏ 7	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n20	6s17	5s 5	16n40	4s 9	4n 5	0n29	17n33	1n 9	16n19	1s 8	6n26	2s35	21n32	0n30	4n12	1s38	24n13	8n24	23n 9	23n14	21n50	13s48	3n10
T 2	18 5	1 10	5 13	16 56	3 56	3 35	0 25	17 21	1 9	16 21	1 8	6 26	2 35	21 31	0 30	4 12	1 38	24 12	8 24	23 9	23 14	21 51	13 49	3 10
F 3	17 49	3n51	5 6	17 12	3 42	3 5	0 21	17 10	1 9	16 22	1 8	6 26	2 35	21 31	0 30	4 12	1 39	24 11	8 24	23 9	23 14	21 52	13 49	3 10
S 4	17 34	8 34	4 44	17 27	3 28	2 35	0 17	16 58	1 9	16 24	1 8	6 25	2 36	21 30	0 30	4 11	1 39	24 11	8 24	23 9	23 14	21 53	13 50	3 10
S 5	17 18	12 51	4 9	17 42	3 13	2 5	0 13	16 47	1 9	16 26	1 8	6 25	2 36	21 29	0 30	4 11	1 39	24 10	8 24	23 9	23 14	21 55	13 50	3 10
M 6	17 2	16 33	3 24	17 57	2 57	1 34	0 8	16 35	1 9	16 28	1 8	6 25	2 36	21 29	0 30	4 11	1 39	24 10	8 24	23 9	23 15	21 56	13 51	3 10
T 7	16 46	19 33	2 31	18 10	2 40	1 4	0 4	16 23	1 9	16 29	1 8	6 25	2 36	21 28	0 30	4 11	1 39	24 9	8 24	23 9	23 15	21 57	13 52	3 9
W 8	16 29	21 43	1 32	18 23	2 24	0 34	0s 1	16 11	1 9	16 31	1 9	6 24	2 37	21 28	0 30	4 10	1 39	24 9	8 25	23 9	23 15	21 58	13 52	3 9
T 9	16 12	22 56	0 29	18 34	2 7	0 3	0 5	15 59	1 9	16 32	1 9	6 24	2 37	21 27	0 30	4 10	1 39	24 8	8 25	23 9	23 15	22 0	13 53	3 9
F 10	15 55	23 7	0n36	18 44	1 50	0s27	0 10	15 47	1 9	16 34	1 9	6 23	2 37	21 26	0 30	4 10	1 39	24 8	8 25	23 9	23 15	22 1	13 54	3 9
S 11	15 37	22 13	1 40	18 52	1 33	0 57	0 14	15 35	1 9	16 35	1 9	6 23	2 37	21 26	0 30	4 9	1 39	24 7	8 25	23 9	23 16	22 2	13 54	3 9
S 12	15 20	20 16	2 41	18 58	1 17	1 28	0 19	15 22	1 9	16 36	1 9	6 23	2 38	21 25	0 30	4 9	1 39	24 7	8 25	23 9	23 16	22 3	13 55	3 9
M13	15 2	17 19	3 34	19 3	1 0	1 58	0 24	15 10	1 9	16 38	1 9	6 22	2 38	21 24	0 30	4 9	1 39	24 6	8 25	23 10	23 16	22 4	13 56	3 9
T 14	14 44	13 31	4 18	19 5	0 45	2 28	0 29	14 57	1 9	16 39	1 10	6 21	2 38	21 24	0 30	4 8	1 39	24 6	8 25	23 10	23 16	22 5	13 57	3 9
W15	14 25	9 1	4 50	19 5	0 29	2 59	0 34	14 44	1 8	16 40	1 10	6 21	2 39	21 23	0 30	4 8	1 39	24 5	8 25	23 11	23 16	22 7	13 58	3 9
T 16	14 6	4 3	5 6	19 2	0 14	3 29	0 39	14 32	1 8	16 41	1 10	6 20	2 39	21 22	0 30	4 7	1 39	24 5	8 25	23 11	23 16	22 8	13 59	3 9
F 17	13 48	1s11	5 7	18 57	0 0	3 59	0 44	14 19	1 8	16 43	1 10	6 19	2 39	21 22	0 30	4 7	1 39	24 4	8 25	23 12	23 17	22 9	14 0	3 9
S 18	13 28	6 26	4 51	18 49	0n13	4 29	0 49	14 6	1 8	16 44	1 10	6 19	2 39	21 21	0 30	4 7	1 39	24 4	8 25	23 12	23 17	22 10	14 1	3 9
S 19	13 9	11 28	4 17	18 38	0 26	4 59	0 55	13 53	1 8	16 45	1 10	6 18	2 40	21 21	0 30	4 6	1 39	24 3	8 26	23 12	23 17	22 11	14 1	3 9
M20	12 50	15 58	3 28	18 24	0 38	5 29	1 0	13 40	1 8	16 46	1 10	6 17	2 40	21 20	0 30	4 6	1 39	24 3	8 26	23 12	23 17	22 12	14 2	3 8
T 21	12 30	19 37	2 26	18 8	0 49	5 59	1 5	13 26	1 8	16 47	1 11	6 16	2 40	21 19	0 30	4 5	1 39	24 3	8 26	23 12	23 17	22 14	14 3	3 8
W22	12 10	22 8	1 15	17 48	0 59	6 28	1 11	13 13	1 8	16 47	1 11	6 16	2 40	21 19	0 30	4 5	1 40	24 2	8 26	23 12	23 17	22 15	14 5	3 8
T 23	11 50	23 13	0s 2	17 26	1 8	6 58	1 16	13 0	1 8	16 48	1 11	6 15	2 41	21 18	0 30	4 5	1 40	24 2	8 26	23 12	23 18	22 16	14 6	3 8
F 24	11 30	22 44	1 19	17 1	1 16	7 27	1 22	12 46	1 8	16 49	1 11	6 14	2 41	21 17	0 30	4 4	1 40	24 1	8 26	23 12	23 18	22 17	14 7	3 8
S 25	11 9	20 44	2 31	16 34	1 23	7 56	1 27	12 33	1 8	16 50	1 11	6 13	2 41	21 17	0 30	4 4	1 40	24 1	8 26	23 12	23 18	22 18	14 8	3 8
S 26	10 48	17 26	3 33	16 4	1 29	8 25	1 33	12 19	1 8	16 50	1 11	6 12	2 41	21 16	0 30	4 3	1 40	24 0	8 26	23 13	23 18	22 19	14 9	3 8
M27	10 28	13 10	4 20	15 32	1 34	8 54	1 38	12 5	1 7	16 51	1 12	6 11	2 42	21 16	0 30	4 3	1 40	24 0	8 26	23 13	23 18	22 20	14 10	3 8
T 28	10 7	8 15	4 51	14 58	1 38	9 23	1 44	11 52	1 7	16 52	1 12	6 10	2 42	21 15	0 30	4 2	1 40	23 59	8 27	23 14	23 18	22 21	14 11	3 8
W29	9 45	3 4	5 5	14 22	1 42	9 51	1 50	11 38	1 7	16 52	1 12	6 9	2 42	21 14	0 30	4 2	1 40	23 59	8 27	23 14	23 19	22 23	14 12	3 8
T 30	9 24	2n 7	5 1	13 44	1 44	10 20	1 56	11 24	1 7	16 53	1 12	6 8	2 42	21 14	0 30	4 1	1 40	23 59	8 27	23 15	23 19	22 24	14 14	3 8
F 31	9n 3	7n 5	4s43	13n 4	1n46	10s48	2s 1	11n10	1n 7	16n53	1s12	6n 6	2s42	21n13	0n30	4n 1	1s40	23n58	8n27	23n15	23n19	22n25	14s15	3n 8

Julian Day Number = 2343279.5, Delta T = 13.13 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'09, Lahiri = 19°43'09Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1703
geocentric

SEPTEMBER 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 37 38	7♍43'50	12♉30	2♍ 9	23♎54	4♍27	21♉ 4	22°R 3	27♋23	14°R 1	16♌30	7°R39	6♋29	25♊36	18♏11	S 1
S 2	22 41 35	8°42'01	24°41	4° 6	24°54	5° 6	21° 6	22♈ 1	27°26	14♈ 0	16°31	7♋36	6°26	25°42	18°16	S 2
M 3	22 45 32	9°40'13	6♊40	6° 2	25°54	5°44	21° 8	21°58	27°29	13°59	16°33	7°D35	6°23	25°49	18°20	M 3
T 4	22 49 28	10°38'28	18°30	7°58	26°53	6°22	21° 9	21°55	27°32	13°57	16°35	7°35	6°19	25°56	18°25	T 4
W 5	22 53 25	11°36'44	0♋18	9°53	27°52	7° 0	21°11	21°52	27°35	13°56	16°37	7°36	6°16	26° 2	18°30	W 5
T 6	22 57 21	12°35'03	12° 9	11°47	28°51	7°39	21°12	21°49	27°37	13°55	16°38	7°R36	6°13	26° 9	18°34	T 6
F 7	23 1 18	13°33'24	24° 8	13°41	29°49	8°17	21°12	21°46	27°40	13°53	16°40	7°35	6°10	26°16	18°39	F 7
S 8	23 5 14	14°31'47	6♌19	15°33	0♏46	8°55	21°13	21°43	27°43	13°52	16°42	7°31	6° 7	26°22	18°44	S 8
S 9	23 9 11	15°30'11	18°46	17°25	1°44	9°34	21°13	21°39	27°46	13°50	16°43	7°25	6° 4	26°29	18°49	S 9
M10	23 13 7	16°28'38	1♍30	19°15	2°41	10°12	21°14	21°36	27°49	13°49	16°45	7°16	6° 0	26°36	18°54	M10
T 11	23 17 4	17°27'06	14°31	21° 5	3°37	10°50	21°R14	21°32	27°51	13°48	16°47	7° 5	5°57	26°42	18°59	T 11
W12	23 21 0	18°25'37	27°50	22°53	4°33	11°29	21°14	21°29	27°54	13°46	16°48	6°54	5°54	26°49	19° 5	W12
T 13	23 24 57	19°24'09	11♎24	24°40	5°28	12° 7	21°13	21°25	27°57	13°45	16°50	6°42	5°51	26°56	19°10	T 13
F 14	23 28 54	20°22'43	25°11	26°27	6°23	12°45	21°13	21°22	27°59	13°43	16°52	6°32	5°48	27° 2	19°15	F 14
S 15	23 32 50	21°21'19	9♏ 6	28°12	7°18	13°24	21°12	21°18	28° 2	13°42	16°53	6°24	5°44	27° 9	19°21	S 15
S 16	23 36 47	22°19'57	23° 6	29°56	8°12	14° 2	21°11	21°14	28° 4	13°40	16°55	6°18	5°41	27°16	19°26	S 16
M17	23 40 43	23°18'36	7♐10	1♎39	9° 5	14°40	21°10	21°10	28° 7	13°39	16°56	6°15	5°38	27°22	19°32	M17
T 18	23 44 40	24°17'17	21°16	3°21	9°58	15°19	21° 8	21° 6	28° 9	13°37	16°58	6°D15	5°35	27°29	19°38	T 18
W19	23 48 36	25°16'00	5♑23	5° 2	10°50	15°57	21° 7	21° 2	28°12	13°35	16°59	6°R15	5°32	27°35	19°43	W19
T 20	23 52 33	26°14'45	19°30	6°42	11°42	16°36	21° 5	20°58	28°14	13°34	17° 1	6°14	5°29	27°42	19°49	T 20
F 21	23 56 29	27°13'31	3♒35	8°22	12°32	17°14	21° 3	20°54	28°16	13°32	17° 2	6°12	5°25	27°49	19°55	F 21
S 22	0 0 26	28°12'19	17°37	10° 0	13°23	17°52	21° 1	20°50	28°18	13°31	17° 4	6° 7	5°22	27°55	20° 1	S 22
S 23	0 4 23	29°11'08	1♓34	11°37	14°12	18°31	20°58	20°46	28°21	13°29	17° 5	6° 0	5°19	28° 2	20° 7	S 23
M24	0 8 19	0♎10'00	15°21	13°14	15° 1	19° 9	20°56	20°42	28°23	13°27	17° 7	5°50	5°16	28° 9	20°13	M24
T 25	0 12 16	1° 8'53	28°56	14°49	15°49	19°48	20°53	20°37	28°25	13°26	17° 8	5°37	5°13	28°15	20°19	T 25
W26	0 16 12	2° 7'49	12♈15	16°24	16°36	20°26	20°50	20°33	28°27	13°24	17°10	5°24	5°10	28°22	20°25	W26
T 27	0 20 9	3° 6'46	25°17	17°57	17°22	21° 5	20°47	20°28	28°29	13°23	17°11	5°12	5° 6	28°29	20°31	T 27
F 28	0 24 5	4° 5'46	7♉59	19°30	18° 8	21°43	20°44	20°24	28°31	13°21	17°12	5° 1	5° 3	28°35	20°38	F 28
S 29	0 28 2	5° 4'47	20°24	21° 2	18°52	22°22	20°40	20°20	28°33	13°19	17°14	4°53	5° 0	28°42	20°44	S 29
S 30	0 31 58	6♎ 3'52	2♊34	22♎34	19♏36	23♍ 0	20♉36	20♈15	28♋35	13♈18	17♌15	4♋47	4♋57	28♊49	20♏50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n41	11n37	4s11	12n23	1n47	11s16	2s 7	10n56	1n 7	16n53	1s12	6n 5	2s43	21n13	0n30	4n 0	1s40	23n58	8n27	23n15	23n19	22n26	14s16	3n 8
S 2	8 19	15 36	3 29	11 41	1 47	11 43	2 13	10 42	1 7	16 54	1 13	6 4	2 43	21 12	0 30	4 0	1 40	23 57	8 27	23 16	23 19	22 27	14 17	3 8
M 3	7 57	18 52	2 38	10 58	1 47	12 11	2 19	10 27	1 7	16 54	1 13	6 3	2 43	21 12	0 30	3 59	1 40	23 57	8 28	23 16	23 19	22 28	14 19	3 8
T 4	7 35	21 19	1 40	10 14	1 46	12 38	2 25	10 13	1 6	16 54	1 13	6 1	2 43	21 11	0 30	3 59	1 40	23 57	8 28	23 16	23 20	22 29	14 20	3 8
W 5	7 13	22 50	0 39	9 29	1 44	13 5	2 31	9 59	1 6	16 54	1 13	6 0	2 44	21 11	0 30	3 58	1 40	23 56	8 28	23 16	23 20	22 30	14 21	3 7
T 6	6 51	23 19	0n24	8 43	1 42	13 31	2 37	9 44	1 6	16 55	1 13	5 59	2 44	21 10	0 30	3 57	1 40	23 56	8 28	23 16	23 20	22 31	14 23	3 7
F 7	6 29	22 45	1 27	7 57	1 39	13 58	2 43	9 30	1 6	16 55	1 13	5 58	2 44	21 9	0 30	3 57	1 40	23 55	8 28	23 16	23 20	22 32	14 24	3 7
S 8	6 6	21 5	2 27	7 10	1 36	14 24	2 49	9 15	1 6	16 55	1 13	5 56	2 44	21 9	0 30	3 56	1 40	23 55	8 28	23 16	23 20	22 33	14 25	3 7
S 9	5 43	18 24	3 21	6 24	1 32	14 50	2 55	9 1	1 6	16 55	1 14	5 55	2 44	21 8	0 31	3 56	1 40	23 55	8 29	23 16	23 20	22 34	14 27	3 7
M10	5 21	14 47	4 6	5 37	1 28	15 15	3 1	8 46	1 6	16 55	1 14	5 53	2 45	21 8	0 31	3 55	1 40	23 54	8 29	23 17	23 20	22 35	14 28	3 7
T 11	4 58	10 23	4 39	4 49	1 24	15 40	3 7	8 31	1 6	16 54	1 14	5 52	2 45	21 7	0 31	3 55	1 40	23 54	8 29	23 17	23 21	22 36	14 30	3 7
W12	4 35	5 25	4 58	4 2	1 19	16 5	3 13	8 17	1 5	16 54	1 14	5 50	2 45	21 7	0 31	3 54	1 40	23 54	8 29	23 18	23 21	22 38	14 31	3 7
T 13	4 12	0 6	5 1	3 15	1 14	16 29	3 19	8 2	1 5	16 54	1 14	5 49	2 45	21 6	0 31	3 53	1 40	23 53	8 29	23 18	23 21	22 39	14 32	3 7
F 14	3 49	5s19	4 46	2 28	1 8	16 54	3 25	7 47	1 5	16 54	1 14	5 47	2 45	21 6	0 31	3 53	1 40	23 53	8 30	23 19	23 21	22 40	14 34	3 7
S 15	3 26	10 32	4 15	1 40	1 3	17 17	3 31	7 32	1 5	16 53	1 15	5 46	2 45	21 5	0 31	3 52	1 40	23 53	8 30	23 19	23 21	22 41	14 35	3 7
S 16	3 3	15 14	3 27	0 54	0 57	17 41	3 37	7 17	1 5	16 53	1 15	5 44	2 46	21 5	0 31	3 52	1 40	23 52	8 30	23 20	23 21	22 42	14 37	3 7
M17	2 40	19 7	2 28	0 7	0 51	18 4	3 43	7 2	1 5	16 52	1 15	5 43	2 46	21 4	0 31	3 51	1 40	23 52	8 30	23 20	23 21	22 43	14 38	3 7
T 18	2 16	21 53	1 18	0s40	0 44	18 27	3 49	6 47	1 4	16 52	1 15	5 41	2 46	21 4	0 31	3 50	1 40	23 52	8 30	23 20	23 22	22 44	14 40	3 7
W19	1 53	23 18	0 5	1 26	0 38	18 49	3 55	6 32	1 4	16 51	1 15	5 39	2 46	21 4	0 31	3 50	1 41	23 52	8 31	23 20	23 22	22 45	14 41	3 7
T 20	1 30	23 12	1s10	2 11	0 31	19 11	4 1	6 17	1 4	16 51	1 15	5 38	2 46	21 3	0 31	3 49	1 41	23 51	8 31	23 20	23 22	22 46	14 43	3 7
F 21	1 6	21 38	2 19	2 57	0 24	19 32	4 7	6 2	1 4	16 50	1 15	5 36	2 46	21 3	0 31	3 48	1 41	23 51	8 31	23 20	23 22	22 47	14 45	3 7
S 22	0 43	18 45	3 20	3 42	0 18	19 53	4 12	5 47	1 4	16 49	1 16	5 34	2 46	21 2	0 31	3 48	1 41	23 51	8 31	23 20	23 22	22 48	14 46	3 7
S 23	0 19	14 48	4 9	4 26	0 11	20 14	4 18	5 31	1 4	16 49	1 16	5 33	2 47	21 2	0 31	3 47	1 41	23 51	8 32	23 20	23 22	22 49	14 48	3 7
M24	0s 4	10 6	4 42	5 10	0 4	20 34	4 24	5 16	1 3	16 48	1 16	5 31	2 47	21 1	0 31	3 46	1 41	23 50	8 32	23 21	23 22	22 50	14 49	3 7
T 25	0 27	4 59	4 58	5 54	0s 3	20 54	4 30	5 1	1 3	16 47	1 16	5 29	2 47	21 1	0 31	3 46	1 41	23 50	8 32	23 21	23 22	22 50	14 51	3 7
W26	0 51	0n16	4 58	6 37	0 11	21 13	4 35	4 46	1 3	16 46	1 16	5 28	2 47	21 1	0 31	3 45	1 41	23 50	8 32	23 22	23 23	22 51	14 53	3 7
T 27	1 14	5 25	4 42	7 20	0 18	21 32	4 41	4 30	1 3	16 45	1 16	5 26	2 47	21 0	0 31	3 45	1 41	23 50	8 32	23 23	23 23	22 52	14 54	3 7
F 28	1 38	10 12	4 13	8 2	0 25	21 50	4 46	4 15	1 3	16 44	1 16	5 24	2 47	21 0	0 31	3 44	1 41	23 49	8 33	23 23	23 23	22 53	14 56	3 7
S 29	2 1	14 29	3 32	8 43	0 32	22 8	4 51	3 59	1 2	16 43	1 16	5 22	2 47	20 59	0 31	3 43	1 41	23 49	8 33	23 23	23 23	22 54	14 57	3 7
S 30	2s25	18n 4	2s42	9s24	0s40	22s25	4s57	3n44	1n 2	16n42	1s16	5n21	2s47	20n59	0n31	3n43	1s41	23n49	8n33	23n23	23n23	22n55	14s59	3n 7

Julian Day Number = 2343310.5, Delta T = 13.11 sec
Ecliptic obliquity = 23°28'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'13, Lahiri = 19°43'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

OCTOBER 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 35 55	7♎ 2'58	14♊31	24♎ 4	20♏18	23♍39	20°R32	20°R10	28♋37	13°R16	17♌16	4°R44	4♋54	28♊55	20♏57	M 1
T 2	0 39 52	8° 2'07	26°21	25°33	21° 0	24°17	20♉28	20♈ 6	28°39	13♈14	17°18	4♋43	4°50	29° 2	21° 3	T 2
W 3	0 43 48	9° 1'18	8♋ 9	27° 2	21°41	24°56	20°24	20° 1	28°40	13°13	17°19	4°43	4°47	29° 8	21°10	W 3
T 4	0 47 45	10° 0'31	20° 0	28°30	22°20	25°34	20°20	19°57	28°42	13°11	17°20	4°43	4°44	29°15	21°16	T 4
F 5	0 51 41	10°59'47	2♌ 0	29°57	22°59	26°13	20°15	19°52	28°44	13° 9	17°22	4°41	4°41	29°22	21°23	F 5
S 6	0 55 38	11°59'05	14°14	1♏23	23°36	26°52	20°10	19°47	28°45	13° 8	17°23	4°38	4°38	29°28	21°30	S 6
S 7	0 59 34	12°58'25	26°46	2°48	24°12	27°30	20° 5	19°43	28°47	13° 6	17°24	4°32	4°35	29°35	21°36	S 7
M 8	1 3 31	13°57'48	9♍40	4°13	24°46	28° 9	20° 0	19°38	28°49	13° 4	17°25	4°23	4°31	29°42	21°43	M 8
T 9	1 7 27	14°57'13	22°56	5°36	25°20	28°48	19°55	19°33	28°50	13° 3	17°26	4°12	4°28	29°48	21°50	T 9
W10	1 11 24	15°56'39	6♎35	6°58	25°52	29°26	19°49	19°28	28°51	13° 1	17°27	4° 0	4°25	29°55	21°57	W10
T 11	1 15 21	16°56'08	20°32	8°20	26°23	0♎ 5	19°43	19°24	28°53	12°59	17°29	3°48	4°22	0♋ 2	22° 4	T 11
F 12	1 19 17	17°55'39	4♏45	9°40	26°52	0°44	19°38	19°19	28°54	12°58	17°30	3°37	4°19	0° 8	22°11	F 12
S 13	1 23 14	18°55'12	19° 6	10°59	27°19	1°22	19°32	19°14	28°55	12°56	17°31	3°28	4°15	0°15	22°18	S 13
S 14	1 27 10	19°54'47	3♐31	12°17	27°45	2° 1	19°26	19° 9	28°57	12°54	17°32	3°23	4°12	0°22	22°25	S 14
M15	1 31 7	20°54'24	17°54	13°34	28° 9	2°40	19°19	19° 5	28°58	12°53	17°33	3°20	4° 9	0°28	22°32	M15
T 16	1 35 3	21°54'03	2♑11	14°50	28°32	3°19	19°13	19° 0	28°59	12°51	17°34	3°D19	4° 6	0°35	22°39	T 16
W17	1 39 0	22°53'43	16°21	16° 3	28°53	3°57	19° 6	18°55	29° 0	12°49	17°35	3°R19	4° 3	0°42	22°46	W17
T 18	1 42 56	23°53'25	0♒22	17°16	29°11	4°36	19° 0	18°50	29° 1	12°48	17°36	3°19	4° 0	0°48	22°54	T 18
F 19	1 46 53	24°53'09	14°14	18°26	29°28	5°15	18°53	18°46	29° 2	12°46	17°37	3°18	3°56	0°55	23° 1	F 19
S 20	1 50 50	25°52'54	27°57	19°35	29°43	5°54	18°46	18°41	29° 3	12°44	17°37	3°14	3°53	1° 1	23° 8	S 20
S 21	1 54 46	26°52'41	11♓30	20°41	29°56	6°32	18°39	18°36	29° 4	12°43	17°38	3° 7	3°50	1° 8	23°15	S 21
M22	1 58 43	27°52'30	24°52	21°46	0♐ 7	7°11	18°32	18°31	29° 5	12°41	17°39	2°58	3°47	1°15	23°23	M22
T 23	2 2 39	28°52'20	8♈ 3	22°47	0°15	7°50	18°25	18°27	29° 5	12°40	17°40	2°47	3°44	1°21	23°30	T 23
W24	2 6 36	29°52'12	21° 1	23°46	0°21	8°29	18°17	18°22	29° 6	12°38	17°41	2°36	3°41	1°28	23°38	W24
T 25	2 10 32	0♏52'07	3♉45	24°42	0°25	9° 8	18°10	18°18	29° 7	12°36	17°41	2°25	3°37	1°35	23°45	T 25
F 26	2 14 29	1°52'03	16°15	25°34	0°R27	9°47	18° 2	18°13	29° 7	12°35	17°42	2°15	3°34	1°41	23°52	F 26
S 27	2 18 25	2°52'01	28°31	26°23	0°26	10°26	17°55	18° 8	29° 8	12°33	17°43	2° 7	3°31	1°48	24° 0	S 27
S 28	2 22 22	3°52'01	10♊35	27° 7	0°23	11° 5	17°47	18° 4	29° 8	12°32	17°43	2° 3	3°28	1°55	24° 8	S 28
M29	2 26 18	4°52'04	22°29	27°46	0°18	11°43	17°39	17°59	29° 9	12°30	17°44	2° 0	3°25	2° 1	24°15	M29
T 30	2 30 15	5°52'08	4♋18	28°20	0°10	12°22	17°32	17°55	29° 9	12°29	17°45	1°D59	3°21	2° 8	24°23	T 30
W31	2 34 12	6♏52'15	16♋ 4	28♏49	29♏59	13♎ 1	17♉24	17♈51	29♋ 9	12♈27	17♌45	2♋ 0	3♋18	2♋15	24♏30	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	2s48	20n50	1s45	10s 4	0s47	22s42	5s 2	3n29	1n 2	16n41	1s17	5n19	2s47	20n59	0n31	3n42	1s41	23n49	8n33	23n24	23n23	22n56	15s 1	3n 7	
T 2	3 12	22 41	0 44	10 44	0 54	22 58	5 7	3 13	1 2	16 40	1 17	5 17	2 47	20 58	0 31	3 41	1 41	23 49	8 34	23 24	23 23	22 57	15 2	3 7	
W 3	3 35	23 32	0n18	11 23	1 1	23 14	5 12	2 58	1 2	16 39	1 17	5 15	2 47	20 58	0 31	3 41	1 41	23 49	8 34	23 24	23 23	22 58	15 4	3 7	
T 4	3 58	23 18	1 20	12 1	1 8	23 29	5 17	2 42	1 1	16 37	1 17	5 13	2 48	20 58	0 31	3 40	1 41	23 48	8 34	23 24	23 24	22 59	15 6	3 7	
F 5	4 21	22 0	2 19	12 39	1 15	23 44	5 22	2 27	1 1	16 36	1 17	5 12	2 48	20 57	0 31	3 39	1 41	23 48	8 35	23 24	23 24	23 0	15 7	3 7	
S 6	4 45	19 40	3 13	13 15	1 22	23 58	5 26	2 11	1 1	16 35	1 17	5 10	2 48	20 57	0 31	3 39	1 41	23 48	8 35	23 24	23 24	23 1	15 9	3 7	
S 7	5 8	16 21	3 59	13 51	1 29	24 11	5 31	1 55	1 1	16 33	1 17	5 8	2 48	20 57	0 31	3 38	1 41	23 48	8 35	23 24	23 24	23 2	15 11	3 7	
M 8	5 31	12 11	4 34	14 27	1 36	24 24	5 35	1 40	1 1	16 32	1 17	5 6	2 48	20 57	0 31	3 37	1 41	23 48	8 35	23 24	23 24	23 3	15 12	3 7	
T 9	5 54	7 20	4 55	15 1	1 42	24 36	5 39	1 24	1 0	16 30	1 17	5 4	2 48	20 56	0 31	3 37	1 41	23 48	8 36	23 25	23 24	23 3	15 14	3 7	
W10	6 17	1 59	5 1	15 35	1 49	24 48	5 43	1 9	1 0	16 29	1 17	5 3	2 48	20 56	0 31	3 36	1 41	23 48	8 36	23 25	23 24	23 4	15 16	3 7	
T 11	6 40	3s35	4 49	16 7	1 55	24 59	5 47	0 53	1 0	16 27	1 17	5 1	2 48	20 56	0 32	3 35	1 41	23 48	8 36	23 25	23 24	23 5	15 18	3 7	
F 12	7 3	9 4	4 18	16 39	2 1	25 9	5 50	0 37	1 0	16 26	1 18	4 59	2 48	20 56	0 32	3 35	1 41	23 48	8 36	23 26	23 24	23 6	15 19	3 8	
S 13	7 25	14 8	3 32	17 10	2 7	25 19	5 53	0 22	0 59	16 24	1 18	4 57	2 48	20 55	0 32	3 34	1 41	23 47	8 37	23 26	23 25	23 7	15 21	3 8	
S 14	7 48	18 25	2 31	17 40	2 13	25 28	5 56	0 6	0 59	16 22	1 18	4 55	2 48	20 55	0 32	3 33	1 41	23 47	8 37	23 26	23 25	23 8	15 23	3 8	
M15	8 10	21 35	1 21	18 8	2 19	25 37	5 59	0s10	0 59	16 20	1 18	4 54	2 48	20 55	0 32	3 33	1 41	23 47	8 37	23 26	23 25	23 9	15 24	3 8	
T 16	8 33	23 22	0 6	18 36	2 24	25 44	6 2	0 25	0 59	16 19	1 18	4 52	2 48	20 55	0 32	3 32	1 41	23 47	8 38	23 26	23 25	23 10	15 26	3 8	
W17	8 55	23 37	1s 9	19 3	2 29	25 51	6 4	0 41	0 58	16 17	1 18	4 50	2 48	20 55	0 32	3 32	1 41	23 47	8 38	23 26	23 25	23 10	15 28	3 8	
T 18	9 17	22 22	2 19	19 28	2 34	25 57	6 6	0 56	0 58	16 15	1 18	4 48	2 48	20 54	0 32	3 31	1 41	23 47	8 38	23 26	23 25	23 11	15 30	3 8	
F 19	9 39	19 46	3 20	19 52	2 38	26 3	6 8	1 12	0 58	16 13	1 18	4 47	2 48	20 54	0 32	3 30	1 41	23 47	8 38	23 26	23 25	23 12	15 31	3 8	
S 20	10 1	16 5	4 8	20 15	2 42	26 7	6 9	1 28	0 58	16 11	1 18	4 45	2 48	20 54	0 32	3 30	1 41	23 47	8 39	23 26	23 25	23 13	15 33	3 8	
S 21	10 23	11 37	4 42	20 37	2 46	26 11	6 10	1 43	0 57	16 9	1 18	4 43	2 48	20 54	0 32	3 29	1 41	23 47	8 39	23 26	23 25	23 14	15 35	3 8	
M22	10 44	6 38	5 0	20 57	2 49	26 14	6 10	1 59	0 57	16 7	1 18	4 41	2 48	20 54	0 32	3 28	1 41	23 47	8 39	23 27	23 25	23 15	15 36	3 8	
T 23	11 5	1 26	5 2	21 16	2 52	26 16	6 10	2 15	0 57	16 5	1 18	4 40	2 47	20 54	0 32	3 28	1 41	23 47	8 40	23 27	23 26	23 15	15 38	3 8	
W24	11 27	3n46	4 48	21 33	2 54	26 17	6 10	2 30	0 57	16 3	1 18	4 38	2 47	20 54	0 32	3 27	1 41	23 47	8 40	23 27	23 26	23 16	15 40	3 9	
T 25	11 48	8 43	4 20	21 49	2 55	26 17	6 9	2 46	0 56	16 1	1 18	4 36	2 47	20 53	0 32	3 27	1 41	23 47	8 40	23 27	23 26	23 17	15 42	3 9	
F 26	12 9	13 13	3 39	22 2	2 56	26 16	6 8	3 1	0 56	15 59	1 18	4 35	2 47	20 53	0 32	3 26	1 41	23 48	8 41	23 28	23 26	23 18	15 43	3 9	
S 27	12 29	17 6	2 49	22 14	2 57	26 14	6 6	3 17	0 56	15 57	1 18	4 33	2 47	20 53	0 32	3 25	1 41	23 48	8 41	23 28	23 26	23 19	15 45	3 9	
S 28	12 50	20 13	1 52	22 24	2 56	26 11	6 4	3 32	0 55	15 55	1 18	4 31	2 47	20 53	0 32	3 25	1 41	23 48	8 41	23 28	23 26	23 19	15 47	3 9	
M29	13 10	22 25	0 51	22 32	2 55	26 7	6 1	3 48	0 55	15 53	1 18	4 30	2 47	20 53	0 32	3 24	1 41	23 48	8 42	23 28	23 26	23 20	15 48	3 9	
T 30	13 30	23 37	0n12	22 37	2 52	26 2	5 57	4 3	0 55	15 51	1 18	4 28	2 47	20 53	0 32	3 24	1 41	23 48	8 42	23 28	23 26	23 21	15 50	3 9	
W31	13s50	23n45	1n15	22s41	2s49	25s55	5s53	4s19	0n55	15n49	1s18	4n27	2s47	20n53	0n32	3n23	1s41	23n48	8n42	23n28	23n26	23n22	15s52	3n 9	

Julian Day Number = 2343340.5, Delta T = 13.08 sec
Ecliptic obliquity = 23°28'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'17, Lahiri = 19°43'18Greg. Calendar

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NOVEMBER 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 38 8	7♏52'23	27♋54	29♏10	29°R46	13♎40	17°R16	17°R46	29♋10	12°R26	17♌46	2♋ 1	3♋15	2♋21	24♏38	T 1
F 2	2 42 5	8°52'34	9♌53	29°25	29♏31	14°19	17♉ 8	17♈42	29°10	12♈24	17°46	2°R 2	3°12	2°28	24°45	F 2
S 3	2 46 1	9°52'47	22° 5	29°R31	29°14	14°58	17° 0	17°38	29°10	12°23	17°47	2° 1	3° 9	2°34	24°53	S 3
S 4	2 49 58	10°53'02	4♍36	29°30	28°54	15°37	16°52	17°34	29°10	12°21	17°47	1°58	3° 6	2°41	25° 1	S 4
M 5	2 53 54	11°53'18	17°31	29°19	28°32	16°16	16°43	17°29	29°R10	12°20	17°48	1°53	3° 2	2°48	25° 8	M 5
T 6	2 57 51	12°53'37	0♎51	28°58	28° 7	16°56	16°35	17°25	29°10	12°19	17°48	1°46	2°59	2°54	25°16	T 6
W 7	3 1 47	13°53'58	14°38	28°28	27°41	17°35	16°27	17°21	29°10	12°17	17°49	1°38	2°56	3° 1	25°24	W 7
T 8	3 5 44	14°54'20	28°50	27°47	27°13	18°14	16°19	17°17	29°10	12°16	17°49	1°30	2°53	3° 8	25°32	T 8
F 9	3 9 41	15°54'45	13♏22	26°57	26°43	18°53	16°11	17°14	29°10	12°15	17°49	1°23	2°50	3°14	25°39	F 9
S 10	3 13 37	16°55'11	28° 7	25°57	26°12	19°32	16° 3	17°10	29° 9	12°13	17°50	1°17	2°47	3°21	25°47	S 10
S 11	3 17 34	17°55'39	12♐58	24°49	25°39	20°11	15°54	17° 6	29° 9	12°12	17°50	1°14	2°43	3°28	25°55	S 11
M12	3 21 30	18°56'08	27°46	23°35	25° 5	20°50	15°46	17° 2	29° 9	12°11	17°50	1°D13	2°40	3°34	26° 3	M12
T 13	3 25 27	19°56'39	12♑25	22°16	24°30	21°30	15°38	16°59	29° 8	12° 9	17°50	1°13	2°37	3°41	26°10	T 13
W14	3 29 23	20°57'11	26°51	20°55	23°55	22° 9	15°30	16°55	29° 8	12° 8	17°51	1°14	2°34	3°48	26°18	W14
T 15	3 33 20	21°57'44	11♒ 0	19°35	23°18	22°48	15°22	16°52	29° 7	12° 7	17°51	1°16	2°31	3°54	26°26	T 15
F 16	3 37 17	22°58'18	24°52	18°18	22°42	23°27	15°14	16°48	29° 7	12° 6	17°51	1°R16	2°27	4° 1	26°34	F 16
S 17	3 41 13	23°58'54	8♓27	17° 6	22° 6	24° 6	15° 6	16°45	29° 6	12° 5	17°51	1°15	2°24	4° 7	26°42	S 17
S 18	3 45 10	24°59'31	21°45	16° 2	21°29	24°46	14°58	16°42	29° 6	12° 4	17°51	1°12	2°21	4°14	26°49	S 18
M19	3 49 6	26° 0'08	4♈48	15° 8	20°54	25°25	14°50	16°39	29° 5	12° 2	17°51	1° 8	2°18	4°21	26°57	M19
T 20	3 53 3	27° 0'47	17°38	14°25	20°19	26° 4	14°42	16°36	29° 4	12° 1	17°R51	1° 2	2°15	4°27	27° 5	T 20
W21	3 56 59	28° 1'28	0♉15	13°53	19°45	26°44	14°34	16°33	29° 3	12° 0	17°51	0°56	2°12	4°34	27°13	W21
T 22	4 0 56	29° 2'09	12°40	13°33	19°12	27°23	14°27	16°30	29° 2	11°59	17°51	0°50	2° 8	4°41	27°21	T 22
F 23	4 4 52	0♗ 2'52	24°55	13°D24	18°41	28° 2	14°19	16°27	29° 1	11°58	17°51	0°45	2° 5	4°47	27°28	F 23
S 24	4 8 49	1° 3'36	7♊ 0	13°27	18°11	28°42	14°12	16°24	29° 0	11°57	17°51	0°42	2° 2	4°54	27°36	S 24
S 25	4 12 45	2° 4'22	18°57	13°39	17°43	29°21	14° 4	16°22	28°59	11°56	17°51	0°40	1°59	5° 1	27°44	S 25
M26	4 16 42	3° 5'09	0♋47	14° 2	17°17	0♏ 0	13°57	16°19	28°58	11°55	17°51	0°D39	1°56	5° 7	27°52	M26
T 27	4 20 39	4° 5'57	12°34	14°32	16°53	0°40	13°50	16°17	28°57	11°55	17°50	0°39	1°53	5°14	27°59	T 27
W28	4 24 35	5° 6'46	24°21	15°11	16°32	1°19	13°43	16°14	28°56	11°54	17°50	0°41	1°49	5°21	28° 7	W28
T 29	4 28 32	6° 7'37	6♌11	15°56	16°12	1°59	13°36	16°12	28°55	11°53	17°50	0°43	1°46	5°27	28°15	T 29
F 30	4 32 28	7♗ 8'30	18♌ 9	16♏47	15♏55	2♏38	13♉29	16♈10	28♋53	11♈52	17♌50	0♋44	1♋43	5♋34	28♏23	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s 9	22n49	2n15	22s41	2s45	25s48	5s48	4s34	0n54	15n46	1s18	4n25	2s47	20n53	0n32	3n23	1s41	23n48	8n42	23n28	23n26	23n23	15s54	3n10
F 2	14 29	20 51	3 10	22 39	2 39	25 39	5 43	4 50	0 54	15 44	1 18	4 23	2 47	20 53	0 32	3 22	1 41	23 48	8 43	23 28	23 26	23 23	15 55	3 10
S 3	14 48	17 54	3 57	22 33	2 32	25 29	5 37	5 5	0 54	15 42	1 18	4 22	2 46	20 53	0 32	3 21	1 41	23 48	8 43	23 28	23 26	23 24	15 57	3 10
S 4	15 7	14 5	4 34	22 25	2 24	25 18	5 30	5 20	0 53	15 40	1 17	4 21	2 46	20 53	0 32	3 21	1 40	23 49	8 43	23 28	23 26	23 25	15 59	3 10
M 5	15 26	9 31	4 58	22 12	2 14	25 6	5 23	5 36	0 53	15 37	1 17	4 19	2 46	20 53	0 32	3 20	1 40	23 49	8 44	23 28	23 27	23 26	16 0	3 10
T 6	15 44	4 22	5 8	21 57	2 2	24 53	5 14	5 51	0 53	15 35	1 17	4 18	2 46	20 53	0 32	3 20	1 40	23 49	8 44	23 28	23 27	23 26	16 2	3 10
W 7	16 2	1s10	5 0	21 37	1 49	24 38	5 5	6 6	0 52	15 33	1 17	4 16	2 46	20 53	0 33	3 19	1 40	23 49	8 44	23 28	23 27	23 27	16 4	3 10
T 8	16 20	6 48	4 34	21 13	1 34	24 22	4 56	6 21	0 52	15 31	1 17	4 15	2 46	20 53	0 33	3 19	1 40	23 49	8 45	23 28	23 27	23 28	16 5	3 11
F 9	16 38	12 13	3 50	20 46	1 17	24 5	4 46	6 37	0 52	15 28	1 17	4 14	2 46	20 53	0 33	3 18	1 40	23 49	8 45	23 28	23 27	23 28	16 7	3 11
S 10	16 55	17 1	2 50	20 14	0 59	23 47	4 35	6 52	0 51	15 26	1 17	4 12	2 45	20 53	0 33	3 18	1 40	23 50	8 45	23 28	23 27	23 29	16 9	3 11
S 11	17 12	20 47	1 37	19 39	0 40	23 28	4 23	7 7	0 51	15 24	1 17	4 11	2 45	20 54	0 33	3 17	1 40	23 50	8 46	23 28	23 27	23 30	16 10	3 11
M12	17 29	23 9	0 19	19 2	0 20	23 8	4 11	7 22	0 51	15 22	1 17	4 10	2 45	20 54	0 33	3 17	1 40	23 50	8 46	23 28	23 27	23 31	16 12	3 11
T 13	17 45	23 54	1s 1	18 22	0n 0	22 47	3 58	7 37	0 50	15 20	1 17	4 9	2 45	20 54	0 33	3 16	1 40	23 50	8 46	23 28	23 27	23 31	16 13	3 11
W14	18 1	23 2	2 15	17 41	0 21	22 25	3 45	7 52	0 50	15 17	1 16	4 7	2 45	20 54	0 33	3 16	1 40	23 51	8 47	23 28	23 27	23 32	16 15	3 12
T 15	18 17	20 42	3 20	17 0	0 41	22 2	3 31	8 7	0 50	15 15	1 16	4 6	2 45	20 54	0 33	3 16	1 40	23 51	8 47	23 28	23 27	23 33	16 17	3 12
F 16	18 33	17 12	4 11	16 20	1 0	21 39	3 17	8 22	0 49	15 13	1 16	4 5	2 44	20 54	0 33	3 15	1 40	23 51	8 47	23 28	23 27	23 33	16 18	3 12
S 17	18 48	12 51	4 47	15 43	1 18	21 16	3 3	8 36	0 49	15 11	1 16	4 4	2 44	20 54	0 33	3 15	1 40	23 51	8 48	23 28	23 27	23 34	16 20	3 12
S 18	19 3	7 59	5 7	15 9	1 35	20 52	2 48	8 51	0 49	15 9	1 16	4 3	2 44	20 55	0 33	3 14	1 40	23 52	8 48	23 28	23 27	23 35	16 21	3 13
M19	19 17	2 51	5 11	14 40	1 49	20 27	2 33	9 6	0 48	15 6	1 16	4 2	2 44	20 55	0 33	3 14	1 40	23 52	8 48	23 28	23 27	23 35	16 23	3 13
T 20	19 31	2n20	4 59	14 15	2 1	20 3	2 17	9 20	0 48	15 4	1 16	4 1	2 44	20 55	0 33	3 14	1 40	23 52	8 49	23 28	23 28	23 36	16 24	3 13
W21	19 45	7 20	4 32	13 56	2 12	19 39	2 2	9 35	0 48	15 2	1 15	4 0	2 43	20 55	0 33	3 13	1 40	23 53	8 49	23 28	23 28	23 37	16 26	3 13
T 22	19 59	11 58	3 53	13 42	2 20	19 15	1 46	9 49	0 47	15 0	1 15	3 59	2 43	20 55	0 33	3 13	1 40	23 53	8 49	23 28	23 28	23 37	16 27	3 13
F 23	20 12	16 3	3 3	13 34	2 26	18 51	1 30	10 4	0 47	14 58	1 15	3 58	2 43	20 56	0 33	3 12	1 40	23 53	8 50	23 29	23 28	23 38	16 29	3 14
S 24	20 24	19 26	2 6	13 30	2 30	18 28	1 15	10 18	0 46	14 56	1 15	3 57	2 43	20 56	0 33	3 12	1 40	23 54	8 50	23 29	23 28	23 39	16 30	3 14
S 25	20 37	21 57	1 4	13 32	2 33	18 6	1 0	10 33	0 46	14 54	1 15	3 57	2 42	20 56	0 33	3 12	1 40	23 54	8 50	23 29	23 28	23 39	16 32	3 14
M26	20 48	23 29	0n 1	13 37	2 34	17 44	0 44	10 47	0 46	14 52	1 14	3 56	2 42	20 56	0 33	3 11	1 40	23 54	8 51	23 29	23 28	23 40	16 33	3 14
T 27	21 0	23 58	1 5	13 46	2 34	17 23	0 29	11 1	0 45	14 50	1 14	3 55	2 42	20 57	0 33	3 11	1 40	23 55	8 51	23 29	23 28	23 41	16 35	3 15
W28	21 11	23 22	2 7	13 59	2 33	17 2	0 14	11 15	0 45	14 48	1 14	3 55	2 42	20 57	0 33	3 11	1 40	23 55	8 51	23 29	23 28	23 41	16 36	3 15
T 29	21 22	21 43	3 4	14 14	2 30	16 43	0 0	11 29	0 44	14 46	1 14	3 54	2 41	20 57	0 33	3 11	1 40	23 55	8 52	23 29	23 28	23 42	16 38	3 15
F 30	21s32	19n 6	3n53	14s32	2n27	16s24	0n14	11s43	0n44	14n44	1s14	3n53	2s41	20n57	0n33	3n10	1s40	23n56	8n52	23n29	23n28	23n42	16s39	3n15

Julian Day Number = 2343371.5, Delta T = 13.06 sec
Ecliptic obliquity = 23°28'40, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'21, Lahiri = 19°43'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1703
geocentric

DECEMBER 1703 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 36 25	8♐ 9'23	0♍19	17♏44	15°R41	3♏18	13°R22	16°R 8	28°R52	11°R51	17°R49	0♋46	1♋40	5♋41	28♏30	S 1
S 2	4 40 21	9°10'18	12°47	18°45	15♏29	3°57	13♉15	16♈ 6	28♋51	11♈51	17♎49	0°R46	1°37	5°47	28°38	S 2
M 3	4 44 18	10°11'14	25°36	19°51	15°19	4°37	13° 9	16° 4	28°49	11°50	17°49	0°45	1°33	5°54	28°46	M 3
T 4	4 48 15	11°12'12	8♎50	20°59	15°12	5°16	13° 2	16° 3	28°48	11°49	17°48	0°43	1°30	6° 0	28°53	T 4
W 5	4 52 11	12°13'10	22°32	22°11	15° 8	5°56	12°56	16° 1	28°46	11°49	17°48	0°41	1°27	6° 7	29° 1	W 5
T 6	4 56 8	13°14'10	6♏42	23°26	15°D 6	6°36	12°50	16° 0	28°45	11°48	17°47	0°38	1°24	6°14	29° 9	T 6
F 7	5 0 4	14°15'11	21°17	24°43	15° 6	7°15	12°44	15°58	28°43	11°47	17°47	0°36	1°21	6°20	29°16	F 7
S 8	5 4 1	15°16'13	6♑12	26° 1	15° 9	7°55	12°38	15°57	28°42	11°47	17°46	0°34	1°18	6°27	29°24	S 8
S 9	5 7 57	16°17'16	21°19	27°22	15°14	8°34	12°33	15°56	28°40	11°46	17°46	0°33	1°14	6°34	29°31	S 9
M10	5 11 54	17°18'20	6♒28	28°44	15°21	9°14	12°27	15°55	28°38	11°46	17°45	0°D33	1°11	6°40	29°39	M10
T 11	5 15 50	18°19'24	21°30	0♑ 7	15°31	9°54	12°22	15°54	28°36	11°45	17°45	0°34	1° 8	6°47	29°47	T 11
W12	5 19 47	19°20'29	6♓18	1°31	15°43	10°33	12°17	15°53	28°35	11°45	17°44	0°35	1° 5	6°54	29°54	W12
T 13	5 23 44	20°21'35	20°45	2°57	15°57	11°13	12°12	15°52	28°33	11°45	17°43	0°36	1° 2	7° 0	0♑ 1	T 13
F 14	5 27 40	21°22'40	4♈49	4°23	16°13	11°53	12° 7	15°51	28°31	11°44	17°43	0°37	0°59	7° 7	0° 9	F 14
S 15	5 31 37	22°23'46	18°29	5°50	16°32	12°33	12° 3	15°51	28°29	11°44	17°42	0°R37	0°55	7°14	0°16	S 15
S 16	5 35 33	23°24'52	1♉45	7°17	16°52	13°12	11°59	15°50	28°27	11°44	17°41	0°37	0°52	7°20	0°24	S 16
M17	5 39 30	24°25'59	14°40	8°45	17°14	13°52	11°54	15°50	28°25	11°43	17°41	0°36	0°49	7°27	0°31	M17
T 18	5 43 26	25°27'05	27°18	10°14	17°38	14°32	11°50	15°50	28°23	11°43	17°40	0°36	0°46	7°34	0°38	T 18
W19	5 47 23	26°28'12	9♉40	11°43	18° 4	15°12	11°47	15°D50	28°21	11°43	17°39	0°35	0°43	7°40	0°46	W19
T 20	5 51 19	27°29'19	21°51	13°13	18°31	15°51	11°43	15°50	28°19	11°43	17°38	0°35	0°39	7°47	0°53	T 20
F 21	5 55 16	28°30'27	3♊52	14°43	19° 0	16°31	11°39	15°50	28°16	11°43	17°37	0°34	0°36	7°53	1° 0	F 21
S 22	5 59 13	29°31'34	15°47	16°13	19°31	17°11	11°36	15°50	28°14	11°43	17°37	0°34	0°33	8° 0	1° 7	S 22
S 23	6 3 9	0♋32'42	27°37	17°44	20° 3	17°51	11°33	15°51	28°12	11°43	17°36	0°34	0°30	8° 7	1°14	S 23
M24	6 7 6	1°33'51	9♋25	19°15	20°37	18°31	11°30	15°51	28°10	11°D43	17°35	0°34	0°27	8°13	1°21	M24
T 25	6 11 2	2°34'59	21°13	20°46	21°12	19°11	11°28	15°52	28° 8	11°43	17°34	0°34	0°24	8°20	1°28	T 25
W26	6 14 59	3°36'08	3♌ 3	22°18	21°49	19°51	11°25	15°52	28° 5	11°43	17°33	0°34	0°20	8°27	1°35	W26
T 27	6 18 55	4°37'17	14°58	23°50	22°27	20°31	11°23	15°53	28° 3	11°43	17°32	0°33	0°17	8°33	1°42	T 27
F 28	6 22 52	5°38'26	27° 0	25°22	23° 6	21°11	11°21	15°54	28° 1	11°43	17°31	0°33	0°14	8°40	1°49	F 28
S 29	6 26 48	6°39'36	9♍12	26°54	23°46	21°51	11°19	15°55	27°58	11°43	17°30	0°32	0°11	8°47	1°56	S 29
S 30	6 30 45	7°40'46	21°39	28°27	24°28	22°31	11°18	15°56	27°56	11°43	17°29	0°31	0° 8	8°53	2° 3	S 30
M31	6 34 42	8♋41'56	4♎24	0♋ 1	25♏11	23♏11	11♉16	15♈57	27♋54	11♈44	17♎28	0°D31	0♋ 4	9♋ 0	2♑10	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s42	15n37	4n33	14s51	2n23	16s 7	0n28	11s57	0n44	14n43	1s13	3n53	2s41	20n58	0n33	3n10	1s40	23n56	8n52	23n29	23n28	23n43	16s41	3n16	S 1
S 2	21 52	11 24	5 1	15 13	2 18	15 51	0 41	12 11	0 43	14 41	1 13	3 52	2 41	20 58	0 33	3 10	1 39	23 57	8 52	23 29	23 28	23 44	16 42	3 16	S 2
M 3	22 1	6 34	5 15	15 35	2 13	15 36	0 54	12 25	0 43	14 39	1 13	3 52	2 41	20 58	0 33	3 10	1 39	23 57	8 53	23 29	23 28	23 44	16 43	3 16	M 3
T 4	22 9	1 17	5 13	15 59	2 7	15 22	1 7	12 38	0 42	14 37	1 13	3 51	2 40	20 59	0 33	3 9	1 39	23 57	8 53	23 29	23 28	23 45	16 45	3 17	T 4
W 5	22 18	4s14	4 54	16 24	2 1	15 9	1 19	12 52	0 42	14 36	1 13	3 51	2 40	20 59	0 33	3 9	1 39	23 58	8 53	23 29	23 28	23 45	16 46	3 17	W 5
T 6	22 25	9 45	4 16	16 49	1 55	14 57	1 30	13 5	0 41	14 34	1 12	3 51	2 40	20 59	0 34	3 9	1 39	23 58	8 54	23 29	23 28	23 46	16 47	3 17	T 6
F 7	22 33	14 53	3 21	17 14	1 48	14 47	1 41	13 19	0 41	14 33	1 12	3 50	2 39	21 0	0 34	3 9	1 39	23 59	8 54	23 29	23 28	23 46	16 49	3 17	F 7
S 8	22 40	19 14	2 11	17 40	1 41	14 37	1 52	13 32	0 41	14 31	1 12	3 50	2 39	21 0	0 34	3 9	1 39	23 59	8 54	23 29	23 28	23 47	16 50	3 18	S 8
S 9	22 46	22 21	0 51	18 5	1 33	14 29	2 2	13 45	0 40	14 30	1 12	3 50	2 39	21 1	0 34	3 8	1 39	24 0	8 55	23 29	23 28	23 48	16 51	3 18	S 9
M10	22 52	23 52	0s33	18 30	1 26	14 22	2 12	13 58	0 40	14 28	1 11	3 50	2 39	21 1	0 34	3 8	1 39	24 0	8 55	23 29	23 28	23 48	16 53	3 18	M10
T 11	22 58	23 38	1 54	18 56	1 19	14 16	2 21	14 11	0 39	14 27	1 11	3 50	2 38	21 1	0 34	3 8	1 39	24 1	8 55	23 29	23 28	23 49	16 54	3 19	T 11
W12	23 3	21 44	3 6	19 20	1 11	14 11	2 30	14 24	0 39	14 26	1 11	3 49	2 38	21 2	0 34	3 8	1 39	24 1	8 56	23 29	23 28	23 49	16 55	3 19	W12
T 13	23 8	18 27	4 4	19 45	1 4	14 7	2 38	14 37	0 38	14 24	1 10	3 49	2 38	21 2	0 34	3 8	1 39	24 1	8 56	23 29	23 28	23 50	16 56	3 19	T 13
F 14	23 12	14 12	4 46	20 8	0 56	14 4	2 46	14 49	0 38	14 23	1 10	3 49	2 38	21 3	0 34	3 8	1 39	24 2	8 56	23 29	23 28	23 50	16 58	3 20	F 14
S 15	23 16	9 20	5 11	20 31	0 48	14 2	2 53	15 2	0 37	14 22	1 10	3 50	2 37	21 3	0 34	3 8	1 39	24 2	8 56	23 29	23 28	23 51	16 59	3 20	S 15
S 16	23 19	4 10	5 18	20 54	0 41	14 1	3 0	15 15	0 37	14 21	1 10	3 50	2 37	21 3	0 34	3 8	1 39	24 3	8 57	23 29	23 28	23 51	17 0	3 20	S 16
M17	23 22	1n 3	5 8	21 15	0 33	14 1	3 7	15 27	0 36	14 20	1 9	3 50	2 37	21 4	0 34	3 8	1 39	24 3	8 57	23 29	23 29	23 52	17 1	3 21	M17
T 18	23 24	6 6	4 44	21 36	0 26	14 2	3 13	15 39	0 36	14 19	1 9	3 50	2 36	21 4	0 34	3 8	1 39	24 4	8 57	23 29	23 29	23 52	17 2	3 21	T 18
W19	23 26	10 50	4 7	21 56	0 18	14 3	3 19	15 51	0 35	14 18	1 9	3 50	2 36	21 5	0 34	3 8	1 39	24 4	8 58	23 29	23 29	23 53	17 3	3 21	W19
T 20	23 27	15 3	3 19	22 15	0 11	14 5	3 24	16 3	0 35	14 17	1 9	3 50	2 36	21 5	0 34	3 8	1 39	24 5	8 58	23 29	23 29	23 53	17 5	3 22	T 20
F 21	23 28	18 37	2 23	22 33	0 3	14 8	3 29	16 15	0 34	14 16	1 8	3 51	2 36	21 6	0 34	3 8	1 39	24 6	8 58	23 29	23 29	23 54	17 6	3 22	F 21
S 22	23 29	21 22	1 21	22 49	0s 4	14 12	3 34	16 27	0 34	14 16	1 8	3 51	2 35	21 6	0 34	3 8	1 39	24 6	8 58	23 29	23 29	23 54	17 7	3 22	S 22
S 23	23 29	23 11	0 16	23 5	0 11	14 16	3 38	16 39	0 33	14 15	1 8	3 51	2 35	21 7	0 34	3 8	1 38	24 7	8 59	23 29	23 29	23 55	17 8	3 23	S 23
M24	23 28	23 57	0n49	23 20	0 18	14 21	3 42	16 50	0 33	14 14	1 7	3 52	2 35	21 7	0 34	3 8	1 38	24 7	8 59	23 29	23 29	23 55	17 9	3 23	M24
T 25	23 27	23 39	1 52	23 34	0 25	14 27	3 46	17 2	0 32	14 14	1 7	3 52	2 35	21 7	0 34	3 8	1 38	24 8	8 59	23 29	23 29	23 56	17 10	3 24	T 25
W26	23 26	22 17	2 51	23 46	0 31	14 33	3 49	17 13	0 32	14 13	1 7	3 53	2 34	21 8	0 34	3 8	1 38	24 8	8 59	23 29	23 29	23 56	17 11	3 24	W26
T 27	23 24	19 55	3 43	23 58	0 38	14 40	3 52	17 24	0 31	14 13	1 7	3 53	2 34	21 8	0 34	3 8	1 38	24 9	9 0	23 29	23 29	23 56	17 12	3 24	T 27
F 28	23 21	16 41	4 25	24 8	0 44	14 47	3 55	17 35	0 31	14 13	1 6	3 54	2 34	21 9	0 34	3 8	1 38	24 9	9 0	23 29	23 29	23 57	17 13	3 25	F 28
S 29	23 19	12 42	4 56	24 17	0 50	14 55	3 58	17 46	0 30	14 12	1 6	3 55	2 33	21 9	0 34	3 8	1 38	24 10	9 0	23 29	23 29	23 57	17 14	3 25	S 29
S 30	23 15	8 7	5 14	24 25	0 56	15 3	4 0	17 57	0 29	14 12	1 6	3 55	2 33	21 10	0 34	3 8	1 38	24 10	9 0	23 29	23 29	23 58	17 15	3 26	S 30
M31	23s11	3n 6	5n17	24s31	1s 2	15s11	4n 2	18s 8	0n29	14n12	1s 5	3n56	2s33	21n10	0n34	3n 8	1s38	24n11	9n 1	23n29	23n29	23n58	17s16	3n26	M31

Julian Day Number = 2343401.5, Delta T = 13.03 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'25, Lahiri = 19°43'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

JANUARY 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 38 38	9♑43'06	17♎30	1♑34	25♏55	23♏51	11°R15	15♈59	27°R51	11♈44	17°R27	0♋31	0♋ 1	9♋ 7	2♐16	T 1
W 2	6 42 35	10°44'16	1♏ 1	3° 9	26°40	24°31	11♉14	16° 0	27♋49	11°44	17♌26	0°32	29♊58	9°13	2°23	W 2
T 3	6 46 31	11°45'27	14°57	4°43	27°25	25°11	11°13	16° 2	27°46	11°44	17°25	0°32	29°55	9°20	2°30	T 3
F 4	6 50 28	12°46'38	29°20	6°18	28°12	25°51	11°13	16° 3	27°44	11°45	17°23	0°34	29°52	9°26	2°36	F 4
S 5	6 54 24	13°47'49	14♐ 6	7°53	29° 0	26°31	11°12	16° 5	27°41	11°45	17°22	0°34	29°49	9°33	2°43	S 5
S 6	6 58 21	14°49'00	29° 9	9°29	29°49	27°11	11°D12	16° 7	27°39	11°46	17°21	0°R35	29°45	9°40	2°49	S 6
M 7	7 2 18	15°50'11	14♑22	11° 5	0♐38	27°51	11°12	16° 9	27°36	11°46	17°20	0°34	29°42	9°46	2°56	M 7
T 8	7 6 14	16°51'22	29°36	12°41	1°28	28°31	11°13	16°11	27°34	11°47	17°19	0°33	29°39	9°53	3° 2	T 8
W 9	7 10 11	17°52'32	14♒39	14°18	2°19	29°11	11°13	16°13	27°31	11°47	17°18	0°31	29°36	10° 0	3° 8	W 9
T 10	7 14 7	18°53'42	29°23	15°55	3°11	29°52	11°14	16°16	27°28	11°48	17°16	0°29	29°33	10° 6	3°14	T 10
F 11	7 18 4	19°54'51	13♓43	17°33	4° 4	0♐32	11°15	16°18	27°26	11°48	17°15	0°26	29°30	10°13	3°21	F 11
S 12	7 22 0	20°55'59	27°35	19°12	4°57	1°12	11°16	16°21	27°23	11°49	17°14	0°24	29°26	10°20	3°27	S 12
S 13	7 25 57	21°57'06	10♈59	20°51	5°51	1°52	11°17	16°23	27°21	11°50	17°13	0°23	29°23	10°26	3°33	S 13
M14	7 29 53	22°58'12	23°57	22°30	6°45	2°32	11°19	16°26	27°18	11°50	17°11	0°D22	29°20	10°33	3°39	M14
T 15	7 33 50	23°59'18	6♉32	24°10	7°40	3°13	11°20	16°29	27°15	11°51	17°10	0°23	29°17	10°40	3°45	T 15
W16	7 37 47	25° 0'23	18°49	25°51	8°36	3°53	11°22	16°32	27°13	11°52	17° 9	0°24	29°14	10°46	3°50	W16
T 17	7 41 43	26° 1'27	0♊52	27°32	9°32	4°33	11°24	16°35	27°10	11°53	17° 7	0°26	29°10	10°53	3°56	T 17
F 18	7 45 40	27° 2'30	12°46	29°13	10°29	5°13	11°27	16°38	27° 8	11°54	17° 6	0°28	29° 7	11° 0	4° 2	F 18
S 19	7 49 36	28° 3'33	24°35	0♒55	11°26	5°54	11°29	16°41	27° 5	11°55	17° 5	0°R29	29° 4	11° 6	4° 7	S 19
S 20	7 53 33	29° 4'34	6♋22	2°38	12°24	6°34	11°32	16°44	27° 2	11°56	17° 3	0°29	29° 1	11°13	4°13	S 20
M21	7 57 29	0♒ 5'34	18°10	4°21	13°23	7°14	11°35	16°48	27° 0	11°56	17° 2	0°27	28°58	11°20	4°18	M21
T 22	8 1 26	1° 6'34	0♌ 1	6° 5	14°21	7°55	11°38	16°51	26°57	11°57	17° 0	0°24	28°55	11°26	4°24	T 22
W23	8 5 22	2° 7'33	11°58	7°49	15°21	8°35	11°41	16°55	26°54	11°58	16°59	0°20	28°51	11°33	4°29	W23
T 24	8 9 19	3° 8'31	24° 2	9°34	16°20	9°15	11°45	16°59	26°52	12° 0	16°58	0°14	28°48	11°39	4°34	T 24
F 25	8 13 16	4° 9'28	6♍15	11°18	17°21	9°56	11°48	17° 2	26°49	12° 1	16°56	0° 8	28°45	11°46	4°40	F 25
S 26	8 17 12	5°10'24	18°38	13° 4	18°21	10°36	11°52	17° 6	26°47	12° 2	16°55	0° 1	28°42	11°53	4°45	S 26
S 27	8 21 9	6°11'19	1♎12	14°49	19°22	11°16	11°56	17°10	26°44	12° 3	16°53	29♊56	28°39	11°59	4°50	S 27
M28	8 25 5	7°12'14	14° 1	16°35	20°23	11°57	12° 1	17°14	26°42	12° 4	16°52	29°52	28°36	12° 6	4°55	M28
T 29	8 29 2	8°13'08	27° 6	18°21	21°25	12°37	12° 5	17°18	26°39	12° 5	16°51	29°49	28°32	12°13	5° 0	T 29
W30	8 32 58	9°14'01	10♏29	20° 6	22°27	13°18	12°10	17°23	26°36	12° 6	16°49	29°D49	28°29	12°19	5° 4	W30
T 31	8 36 55	10♒14'53	24♏13	21♒51	23♐30	13♐58	12♉14	17♈27	26♋34	12♈ 8	16♌48	29♊49	28♊26	12♋26	5♐ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 7	2s12	5n 4	24s36	1s 8	15s20	4n 3	18s18	0n28	14n12	1s 5	3n57	2s33	21n11	0n34	3n 9	1s38	24n12	9n 1	23n29	23n29	23n59	17s17	3n26
W 2	23 3	7 34	4 34	24 40	1 13	15 29	4 4	18 29	0 28	14 12	1 5	3 58	2 32	21 11	0 34	3 9	1 38	24 12	9 1	23 29	23 29	23 59	17 17	3 27
T 3	22 57	12 44	3 47	24 42	1 19	15 38	4 6	18 39	0 27	14 12	1 4	3 59	2 32	21 12	0 34	3 9	1 38	24 13	9 1	23 29	23 29	23 59	17 18	3 27
F 4	22 52	17 21	2 45	24 43	1 24	15 47	4 6	18 49	0 27	14 12	1 4	3 59	2 32	21 12	0 34	3 9	1 38	24 13	9 2	23 29	23 29	24 0	17 19	3 28
S 5	22 46	21 2	1 30	24 43	1 28	15 57	4 7	18 59	0 26	14 12	1 4	4 0	2 31	21 13	0 34	3 9	1 38	24 14	9 2	23 29	23 29	24 0	17 20	3 28
S 6	22 39	23 21	0 8	24 41	1 33	16 7	4 7	19 9	0 25	14 12	1 4	4 1	2 31	21 13	0 34	3 10	1 38	24 14	9 2	23 29	23 29	24 1	17 21	3 29
M 7	22 32	23 57	1s16	24 38	1 37	16 17	4 7	19 19	0 25	14 13	1 3	4 2	2 31	21 14	0 34	3 10	1 38	24 15	9 2	23 29	23 29	24 1	17 21	3 29
T 8	22 25	22 47	2 34	24 33	1 41	16 27	4 7	19 28	0 24	14 13	1 3	4 3	2 31	21 15	0 34	3 10	1 38	24 16	9 2	23 29	23 29	24 1	17 22	3 30
W 9	22 17	19 59	3 41	24 27	1 45	16 37	4 7	19 38	0 24	14 14	1 3	4 5	2 30	21 15	0 34	3 10	1 38	24 16	9 3	23 29	23 29	24 2	17 23	3 30
T 10	22 9	15 56	4 31	24 19	1 49	16 47	4 7	19 47	0 23	14 14	1 2	4 6	2 30	21 16	0 34	3 11	1 38	24 17	9 3	23 29	23 29	24 2	17 24	3 30
F 11	22 0	11 4	5 3	24 10	1 52	16 58	4 6	19 56	0 22	14 15	1 2	4 7	2 30	21 16	0 34	3 11	1 37	24 17	9 3	23 29	23 29	24 2	17 24	3 31
S 12	21 51	5 47	5 16	24 0	1 55	17 8	4 5	20 5	0 22	14 15	1 2	4 8	2 30	21 17	0 34	3 11	1 37	24 18	9 3	23 29	23 29	24 3	17 25	3 31
S 13	21 41	0 25	5 11	23 47	1 57	17 18	4 4	20 14	0 21	14 16	1 1	4 9	2 29	21 17	0 34	3 11	1 37	24 19	9 3	23 29	23 29	24 3	17 26	3 32
M14	21 31	4n49	4 50	23 34	1 59	17 29	4 3	20 22	0 20	14 17	1 1	4 11	2 29	21 18	0 34	3 12	1 37	24 19	9 4	23 29	23 29	24 3	17 26	3 32
T 15	21 21	9 42	4 15	23 18	2 1	17 39	4 2	20 31	0 20	14 17	1 1	4 12	2 29	21 18	0 34	3 12	1 37	24 20	9 4	23 29	23 29	24 4	17 27	3 33
W16	21 10	14 5	3 30	23 1	2 3	17 49	4 0	20 39	0 19	14 18	1 1	4 13	2 28	21 19	0 34	3 12	1 37	24 20	9 4	23 29	23 29	24 4	17 28	3 33
T 17	20 59	17 49	2 36	22 43	2 4	17 59	3 59	20 47	0 18	14 19	1 0	4 15	2 28	21 19	0 34	3 13	1 37	24 21	9 4	23 29	23 29	24 4	17 28	3 34
F 18	20 47	20 47	1 36	22 23	2 5	18 9	3 57	20 55	0 18	14 20	1 0	4 16	2 28	21 20	0 34	3 13	1 37	24 21	9 4	23 29	23 28	24 5	17 29	3 34
S 19	20 35	22 50	0 32	22 1	2 5	18 19	3 55	21 3	0 17	14 21	1 0	4 18	2 28	21 20	0 34	3 14	1 37	24 22	9 5	23 29	23 28	24 5	17 29	3 35
S 20	20 23	23 52	0n32	21 38	2 5	18 28	3 53	21 10	0 16	14 22	0 59	4 19	2 27	21 21	0 34	3 14	1 37	24 23	9 5	23 29	23 28	24 5	17 30	3 35
M21	20 10	23 49	1 36	21 13	2 4	18 38	3 50	21 18	0 16	14 24	0 59	4 21	2 27	21 21	0 34	3 14	1 37	24 23	9 5	23 29	23 28	24 6	17 30	3 36
T 22	19 57	22 42	2 35	20 46	2 3	18 47	3 48	21 25	0 15	14 25	0 59	4 22	2 27	21 22	0 34	3 15	1 37	24 24	9 5	23 29	23 28	24 6	17 31	3 36
W23	19 43	20 33	3 28	20 18	2 2	18 56	3 46	21 32	0 14	14 26	0 59	4 24	2 27	21 22	0 34	3 15	1 37	24 24	9 5	23 29	23 28	24 6	17 31	3 37
T 24	19 29	17 29	4 12	19 49	2 0	19 5	3 43	21 39	0 13	14 27	0 58	4 26	2 26	21 23	0 34	3 16	1 37	24 25	9 5	23 29	23 28	24 7	17 31	3 37
F 25	19 15	13 39	4 45	19 17	1 57	19 13	3 40	21 46	0 13	14 29	0 58	4 27	2 26	21 23	0 34	3 16	1 37	24 26	9 5	23 29	23 28	24 7	17 32	3 38
S 26	19 0	9 11	5 5	18 45	1 54	19 21	3 37	21 52	0 12	14 30	0 58	4 29	2 26	21 24	0 34	3 17	1 37	24 26	9 6	23 29	23 28	24 7	17 32	3 38
S 27	18 45	4 17	5 11	18 10	1 50	19 29	3 35	21 59	0 11	14 32	0 57	4 31	2 26	21 24	0 34	3 17	1 37	24 27	9 6	23 29	23 28	24 7	17 33	3 39
M28	18 30	0s54	5 2	17 34	1 46	19 37	3 31	22 5	0 11	14 33	0 57	4 32	2 25	21 25	0 34	3 18	1 37	24 27	9 6	23 29	23 28	24 8	17 33	3 40
T 29	18 14	6 9	4 37	16 57	1 41	19 44	3 28	22 11	0 10	14 35	0 57	4 34	2 25	21 25	0 34	3 18	1 37	24 28	9 6	23 29	23 28	24 8	17 33	3 40
W30	17 58	11 15	3 56	16 19	1 35	19 51	3 25	22 17	0 9	14 37	0 57	4 36	2 25	21 26	0 34	3 19	1 37	24 28	9 6	23 29	23 28	24 8	17 34	3 41
T 31	17s42	15s55	3n 2	15s39	1s29	19s58	3n22	22s23	0n 8	14n38	0s56	4n38	2s25	21n26	0n34	3n19	1s37	24n29	9n 6	23n29	23n28	24n 8	17s34	3n41

Julian Day Number = 2343432.5, Delta T = 13.01 sec
Ecliptic obliquity = 23°28'40, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'30, Lahiri = 19°43'30Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1704
geocentric

FEBRUARY 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 40 51	11♒15'44	8♐18	23♒36	24♐32	14♐39	12♉19	17♈31	26°R31	12♈ 9	16°R46	29♊51	28♊23	12♋33	5♐14	F 1
S 2	8 44 48	12°16'35	22°44	25°20	25°35	15°19	12°25	17°36	26♋29	12°10	16♎45	29°R52	28°20	12°39	5°18	S 2
S 3	8 48 45	13°17'25	7♑29	27° 3	26°39	16° 0	12°30	17°40	26°26	12°12	16°43	29°52	28°16	12°46	5°23	S 3
M 4	8 52 41	14°18'14	22°27	28°44	27°42	16°40	12°35	17°45	26°24	12°13	16°42	29°50	28°13	12°53	5°27	M 4
T 5	8 56 38	15°19'01	7♒31	0♓23	28°46	17°21	12°41	17°50	26°22	12°14	16°40	29°46	28°10	12°59	5°31	T 5
W 6	9 0 34	16°19'47	22°32	2° 1	29°51	18° 1	12°47	17°55	26°19	12°16	16°39	29°40	28° 7	13° 6	5°36	W 6
T 7	9 4 31	17°20'32	7♓20	3°35	0♑55	18°42	12°53	18° 0	26°17	12°17	16°38	29°32	28° 4	13°13	5°40	T 7
F 8	9 8 27	18°21'15	21°48	5° 6	2° 0	19°22	12°59	18° 5	26°14	12°19	16°36	29°24	28° 1	13°19	5°44	F 8
S 9	9 12 24	19°21'57	5♈49	6°34	3° 5	20° 3	13° 6	18°10	26°12	12°20	16°35	29°16	27°57	13°26	5°48	S 9
S 10	9 16 20	20°22'37	19°21	7°57	4°10	20°44	13°12	18°15	26°10	12°22	16°33	29°10	27°54	13°33	5°51	S 10
M11	9 20 17	21°23'15	2♉26	9°14	5°15	21°24	13°19	18°20	26° 7	12°23	16°32	29° 6	27°51	13°39	5°55	M11
T 12	9 24 14	22°23'52	15° 5	10°26	6°21	22° 5	13°26	18°25	26° 5	12°25	16°30	29° 4	27°48	13°46	5°59	T 12
W13	9 28 10	23°24'27	27°24	11°31	7°27	22°45	13°33	18°31	26° 3	12°27	16°29	29°D 4	27°45	13°52	6° 2	W13
T 14	9 32 7	24°25'00	9♊26	12°28	8°33	23°26	13°40	18°36	26° 1	12°28	16°27	29° 5	27°42	13°59	6° 6	T 14
F 15	9 36 3	25°25'31	21°19	13°18	9°39	24° 7	13°47	18°42	25°58	12°30	16°26	29° 6	27°38	14° 6	6° 9	F 15
S 16	9 40 0	26°26'01	3♋ 5	13°59	10°45	24°47	13°55	18°47	25°56	12°32	16°25	29°R 6	27°35	14°12	6°12	S 16
S 17	9 43 56	27°26'29	14°52	14°31	11°52	25°28	14° 2	18°53	25°54	12°33	16°23	29° 4	27°32	14°19	6°16	S 17
M18	9 47 53	28°26'55	26°42	14°53	12°59	26° 8	14°10	18°59	25°52	12°35	16°22	29° 1	27°29	14°26	6°19	M18
T 19	9 51 49	29°27'19	8♌39	15° 6	14° 6	26°49	14°18	19° 4	25°50	12°37	16°20	28°54	27°26	14°32	6°22	T 19
W20	9 55 46	0♓27'41	20°45	15°R 8	15°13	27°30	14°26	19°10	25°48	12°39	16°19	28°45	27°22	14°39	6°25	W20
T 21	9 59 43	1°28'02	3♍ 2	15° 1	16°20	28°10	14°34	19°16	25°46	12°40	16°17	28°34	27°19	14°46	6°27	T 21
F 22	10 3 39	2°28'21	15°31	14°44	17°28	28°51	14°43	19°22	25°44	12°42	16°16	28°22	27°16	14°52	6°30	F 22
S 23	10 7 36	3°28'38	28°11	14°17	18°35	29°32	14°51	19°28	25°42	12°44	16°15	28°10	27°13	14°59	6°33	S 23
S 24	10 11 32	4°28'53	11♎ 2	13°42	19°43	0♑13	15° 0	19°34	25°40	12°46	16°13	27°59	27°10	15° 6	6°35	S 24
M25	10 15 29	5°29'07	24° 6	12°59	20°51	0°53	15° 8	19°40	25°38	12°48	16°12	27°51	27° 7	15°12	6°37	M25
T 26	10 19 25	6°29'20	7♏21	12°10	21°59	1°34	15°17	19°47	25°37	12°50	16°11	27°45	27° 3	15°19	6°40	T 26
W27	10 23 22	7°29'31	20°49	11°15	23° 7	2°15	15°26	19°53	25°35	12°52	16° 9	27°41	27° 0	15°26	6°42	W27
T 28	10 27 18	8°29'40	4♐30	10°17	24°16	2°56	15°35	19°59	25°33	12°54	16° 8	27°D40	26°57	15°32	6°44	T 28
F 29	10 31 15	9♓29'48	18♐25	9♓16	25♑24	3♑36	15♉45	20♈ 6	25♋31	12♈55	16♎ 7	27♊40	26♊54	15♋39	6♐46	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s26	19s50	1n55	14s58	1s22	20s 4	3n18	22s28	0n 7	14n40	0s56	4n40	2s24	21n27	0n34	3n20	1s36	24n30	9n 6	23n29	23n28	24n 8	17s34	3n42
S 2	17 9	22 38	0 39	14 16	1 14	20 10	3 15	22 33	0 7	14 42	0 56	4 42	2 24	21 27	0 34	3 20	1 36	24 30	9 6	23 29	23 28	24 9	17 34	3 42
S 3	16 51	23 57	0s41	13 33	1 6	20 15	3 11	22 39	0 6	14 44	0 56	4 44	2 24	21 28	0 34	3 21	1 36	24 31	9 6	23 29	23 28	24 9	17 35	3 43
M 4	16 34	23 34	1 59	12 49	0 57	20 20	3 8	22 44	0 5	14 46	0 55	4 46	2 24	21 28	0 34	3 21	1 36	24 31	9 7	23 29	23 28	24 9	17 35	3 44
T 5	16 16	21 28	3 9	12 5	0 47	20 25	3 4	22 48	0 4	14 48	0 55	4 48	2 24	21 29	0 34	3 22	1 36	24 32	9 7	23 29	23 28	24 9	17 35	3 44
W 6	15 58	17 54	4 6	11 20	0 36	20 29	3 0	22 53	0 3	14 50	0 55	4 50	2 23	21 29	0 34	3 23	1 36	24 32	9 7	23 29	23 28	24 10	17 35	3 45
T 7	15 40	13 14	4 45	10 35	0 24	20 32	2 56	22 57	0 3	14 52	0 54	4 52	2 23	21 30	0 34	3 23	1 36	24 33	9 7	23 29	23 28	24 10	17 35	3 45
F 8	15 21	7 56	5 5	9 51	0 12	20 36	2 52	23 1	0 2	14 54	0 54	4 54	2 23	21 30	0 34	3 24	1 36	24 33	9 7	23 29	23 28	24 10	17 35	3 46
S 9	15 2	2 22	5 6	9 6	0n 1	20 38	2 48	23 5	0 1	14 56	0 54	4 56	2 23	21 30	0 34	3 25	1 36	24 34	9 7	23 29	23 28	24 10	17 35	3 46
S 10	14 43	3n 8	4 49	8 23	0 14	20 41	2 44	23 9	0 0	14 58	0 54	4 58	2 22	21 31	0 34	3 25	1 36	24 34	9 7	23 29	23 28	24 10	17 35	3 47
M11	14 24	8 18	4 18	7 41	0 28	20 42	2 40	23 13	0s 1	15 1	0 53	5 0	2 22	21 31	0 34	3 26	1 36	24 35	9 7	23 28	23 28	24 10	17 36	3 48
T 12	14 4	12 58	3 34	7 0	0 43	20 44	2 36	23 16	0 2	15 3	0 53	5 3	2 22	21 32	0 34	3 26	1 36	24 35	9 7	23 28	23 28	24 11	17 36	3 48
W13	13 44	16 59	2 42	6 22	0 58	20 44	2 32	23 19	0 2	15 5	0 53	5 5	2 22	21 32	0 34	3 27	1 36	24 36	9 7	23 28	23 28	24 11	17 36	3 49
T 14	13 24	20 11	1 44	5 45	1 14	20 45	2 28	23 22	0 3	15 8	0 53	5 7	2 22	21 33	0 34	3 28	1 36	24 36	9 7	23 28	23 27	24 11	17 36	3 49
F 15	13 4	22 30	0 42	5 12	1 29	20 44	2 23	23 25	0 4	15 10	0 52	5 9	2 21	21 33	0 34	3 28	1 36	24 37	9 7	23 28	23 27	24 11	17 36	3 50
S 16	12 44	23 48	0n21	4 42	1 45	20 44	2 19	23 28	0 5	15 13	0 52	5 12	2 21	21 33	0 34	3 29	1 36	24 37	9 7	23 28	23 27	24 11	17 35	3 51
S 17	12 23	24 2	1 24	4 15	2 0	20 42	2 15	23 30	0 6	15 15	0 52	5 14	2 21	21 34	0 34	3 30	1 36	24 38	9 7	23 28	23 27	24 11	17 35	3 51
M18	12 2	23 11	2 22	3 53	2 16	20 41	2 11	23 32	0 7	15 18	0 52	5 16	2 21	21 34	0 34	3 31	1 36	24 38	9 7	23 28	23 27	24 11	17 35	3 52
T 19	11 41	21 16	3 15	3 34	2 30	20 38	2 6	23 34	0 8	15 20	0 51	5 19	2 21	21 35	0 34	3 31	1 36	24 39	9 7	23 28	23 27	24 12	17 35	3 53
W20	11 20	18 23	4 0	3 20	2 44	20 35	2 2	23 36	0 9	15 23	0 51	5 21	2 20	21 35	0 34	3 32	1 36	24 39	9 7	23 28	23 27	24 12	17 35	3 53
T 21	10 58	14 39	4 34	3 11	2 57	20 32	1 57	23 38	0 10	15 25	0 51	5 24	2 20	21 35	0 34	3 33	1 36	24 40	9 7	23 28	23 27	24 12	17 35	3 54
F 22	10 37	10 15	4 55	3 7	3 9	20 28	1 53	23 39	0 11	15 28	0 51	5 26	2 20	21 36	0 34	3 33	1 36	24 40	9 7	23 28	23 27	24 12	17 35	3 54
S 23	10 15	5 21	5 3	3 8	3 19	20 24	1 49	23 40	0 12	15 31	0 50	5 28	2 20	21 36	0 34	3 34	1 36	24 40	9 7	23 28	23 27	24 12	17 35	3 55
S 24	9 53	0 9	4 55	3 13	3 28	20 18	1 44	23 41	0 13	15 34	0 50	5 31	2 20	21 36	0 34	3 35	1 36	24 41	9 7	23 28	23 27	24 12	17 34	3 56
M25	9 31	5s 9	4 32	3 23	3 35	20 13	1 40	23 42	0 14	15 36	0 50	5 33	2 20	21 37	0 34	3 36	1 36	24 41	9 7	23 28	23 27	24 12	17 34	3 56
T 26	9 9	10 18	3 54	3 37	3 40	20 7	1 35	23 43	0 15	15 39	0 50	5 36	2 19	21 37	0 34	3 36	1 36	24 42	9 7	23 28	23 27	24 12	17 34	3 57
W27	8 46	15 3	3 3	3 55	3 43	20 0	1 31	23 43	0 16	15 42	0 50	5 38	2 19	21 37	0 34	3 37	1 36	24 42	9 7	23 27	23 27	24 12	17 34	3 58
T 28	8 24	19 7	2 0	4 17	3 43	19 53	1 26	23 43	0 17	15 45	0 49	5 41	2 19	21 38	0 34	3 38	1 35	24 43	9 7	23 27	23 27	24 12	17 33	3 58
F 29	8s 1	22s 9	0n49	4s41	3n42	19s45	1n22	23s43	0s18	15n48	0s49	5n43	2s19	21n38	0n34	3n39	1s35	24n43	9n 7	23n27	23n26	24n12	17s33	3n59

Julian Day Number = 2343463.5, Delta T = 12.99 sec
Ecliptic obliquity = 23°28'40, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'34, Lahiri = 19°43'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

MARCH 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 12	10♓29'55	2♑34	8°R14	26♑33	4♑17	15♉54	20♈12	25°R30	12♈57	16°R 5	27°R40	26♊51	15♋46	6♐48	S 1
S 2	10 39 8	11°30'00	16°57	7♓13	27°42	4°58	16° 3	20°19	25♋28	12°59	16♎ 4	27♊39	26°48	15°52	6°50	S 2
M 3	10 43 5	12°30'03	1♒32	6°13	28°50	5°39	16°13	20°25	25°27	13° 1	16° 3	27°35	26°44	15°59	6°51	M 3
T 4	10 47 1	13°30'05	16°12	5°17	29°59	6°19	16°23	20°32	25°25	13° 3	16° 1	27°29	26°41	16° 5	6°53	T 4
W 5	10 50 58	14°30'04	0♓53	4°24	1♒ 8	7° 0	16°33	20°38	25°24	13° 5	16° 0	27°20	26°38	16°12	6°54	W 5
T 6	10 54 54	15°30'02	15°26	3°37	2°18	7°41	16°43	20°45	25°22	13° 8	15°59	27° 8	26°35	16°19	6°56	T 6
F 7	10 58 51	16°29'58	29°45	2°55	3°27	8°22	16°53	20°52	25°21	13°10	15°58	26°56	26°32	16°25	6°57	F 7
S 8	11 2 47	17°29'52	13♈42	2°19	4°36	9° 3	17° 3	20°58	25°19	13°12	15°56	26°45	26°28	16°32	6°58	S 8
S 9	11 6 44	18°29'44	27°14	1°49	5°46	9°43	17°13	21° 5	25°18	13°14	15°55	26°35	26°25	16°39	6°59	S 9
M10	11 10 40	19°29'33	10♉21	1°26	6°55	10°24	17°24	21°12	25°17	13°16	15°54	26°27	26°22	16°45	7° 0	M10
T 11	11 14 37	20°29'21	23° 4	1° 9	8° 5	11° 5	17°34	21°19	25°16	13°18	15°53	26°22	26°19	16°52	7° 1	T 11
W12	11 18 34	21°29'06	5♊25	0°59	9°15	11°46	17°45	21°26	25°15	13°20	15°52	26°20	26°16	16°59	7° 2	W12
T 13	11 22 30	22°28'49	17°30	0°D54	10°24	12°27	17°56	21°33	25°14	13°22	15°51	26°19	26°13	17° 5	7° 2	T 13
F 14	11 26 27	23°28'30	29°24	0°56	11°34	13° 7	18° 6	21°40	25°13	13°24	15°50	26°19	26° 9	17°12	7° 3	F 14
S 15	11 30 23	24°28'08	11♋12	1° 4	12°44	13°48	18°17	21°47	25°12	13°27	15°48	26°18	26° 6	17°19	7° 3	S 15
S 16	11 34 20	25°27'45	23° 0	1°17	13°54	14°29	18°28	21°54	25°11	13°29	15°47	26°16	26° 3	17°25	7° 3	S 16
M17	11 38 16	26°27'18	4♌53	1°36	15° 4	15°10	18°40	22° 1	25°10	13°31	15°46	26°12	26° 0	17°32	7° 4	M17
T 18	11 42 13	27°26'50	16°55	1°59	16°14	15°50	18°51	22° 8	25° 9	13°33	15°45	26° 5	25°57	17°39	7°R 4	T 18
W19	11 46 9	28°26'20	29°10	2°27	17°25	16°31	19° 2	22°16	25° 8	13°35	15°44	25°55	25°53	17°45	7° 4	W19
T 20	11 50 6	29°25'47	11♍39	3° 0	18°35	17°12	19°13	22°23	25° 7	13°38	15°43	25°43	25°50	17°52	7° 4	T 20
F 21	11 54 3	0♈25'12	24°24	3°37	19°45	17°53	19°25	22°30	25° 7	13°40	15°42	25°30	25°47	17°59	7° 3	F 21
S 22	11 57 59	1°24'35	7♎24	4°18	20°56	18°34	19°36	22°37	25° 6	13°42	15°41	25°16	25°44	18° 5	7° 3	S 22
S 23	12 1 56	2°23'56	20°38	5° 2	22° 6	19°14	19°48	22°45	25° 6	13°44	15°40	25° 4	25°41	18°12	7° 3	S 23
M24	12 5 52	3°23'15	4♏ 4	5°50	23°17	19°55	20° 0	22°52	25° 5	13°46	15°40	24°54	25°38	18°19	7° 2	M24
T 25	12 9 49	4°22'32	17°40	6°42	24°28	20°36	20°12	22°59	25° 5	13°49	15°39	24°47	25°34	18°25	7° 1	T 25
W26	12 13 45	5°21'47	1♐24	7°36	25°38	21°17	20°23	23° 7	25° 4	13°51	15°38	24°43	25°31	18°32	7° 1	W26
T 27	12 17 42	6°21'01	15°16	8°34	26°49	21°58	20°35	23°14	25° 4	13°53	15°37	24°42	25°28	18°39	7° 0	T 27
F 28	12 21 38	7°20'13	29°14	9°34	28° 0	22°38	20°47	23°22	25° 3	13°55	15°36	24°D41	25°25	18°45	6°59	F 28
S 29	12 25 35	8°19'23	13♑19	10°37	29°11	23°19	21° 0	23°29	25° 3	13°58	15°35	24°R41	25°22	18°52	6°58	S 29
S 30	12 29 32	9°18'31	27°29	11°43	0♓22	24° 0	21°12	23°37	25° 3	14° 0	15°35	24°40	25°19	18°59	6°57	S 30
M31	12 33 28	10♈17'38	11♒43	12♓51	1♓33	24♑41	21♉24	23♈44	25♋ 3	14♈ 2	15♎34	24♊37	25♊15	19♋ 5	6♐56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s39	23s53	0s26	5s 7	3n38	19s37	1n18	23s43	0s19	15n51	0s49	5n46	2s19	21n38	0n34	3n40	1s35	24n43	9n 7	23n27	23n26	24n12	17s33	3n59
S 2	7 16	24 4	1 40	5 35	3 32	19 28	1 13	23 43	0 20	15 54	0 49	5 49	2 19	21 38	0 34	3 40	1 35	24 44	9 7	23 27	23 26	24 12	17 32	4 0
M 3	6 53	22 36	2 49	6 4	3 25	19 18	1 9	23 42	0 21	15 57	0 48	5 51	2 18	21 39	0 34	3 41	1 35	24 44	9 7	23 27	23 26	24 12	17 32	4 1
T 4	6 30	19 37	3 47	6 33	3 16	19 8	1 4	23 41	0 22	16 0	0 48	5 54	2 18	21 39	0 34	3 42	1 35	24 44	9 7	23 27	23 26	24 12	17 32	4 1
W 5	6 7	15 23	4 30	7 2	3 5	18 58	1 0	23 40	0 23	16 3	0 48	5 56	2 18	21 39	0 34	3 43	1 35	24 45	9 7	23 27	23 26	24 12	17 31	4 2
T 6	5 43	10 16	4 55	7 30	2 54	18 47	0 56	23 39	0 24	16 6	0 48	5 59	2 18	21 39	0 34	3 44	1 35	24 45	9 7	23 27	23 26	24 12	17 31	4 3
F 7	5 20	4 42	5 1	7 57	2 41	18 35	0 51	23 38	0 25	16 9	0 48	6 2	2 18	21 40	0 34	3 44	1 35	24 45	9 7	23 27	23 26	24 13	17 30	4 3
S 8	4 57	0n59	4 48	8 22	2 27	18 23	0 47	23 36	0 26	16 12	0 47	6 4	2 18	21 40	0 34	3 45	1 35	24 46	9 7	23 26	23 26	24 13	17 30	4 4
S 9	4 33	6 28	4 19	8 46	2 13	18 10	0 43	23 34	0 27	16 15	0 47	6 7	2 18	21 40	0 34	3 46	1 35	24 46	9 7	23 26	23 26	24 13	17 29	4 5
M10	4 10	11 30	3 38	9 8	1 59	17 57	0 39	23 32	0 28	16 18	0 47	6 10	2 17	21 40	0 34	3 47	1 35	24 46	9 7	23 26	23 26	24 12	17 29	4 5
T 11	3 46	15 53	2 46	9 28	1 44	17 43	0 34	23 30	0 29	16 21	0 47	6 12	2 17	21 41	0 34	3 48	1 35	24 47	9 7	23 26	23 26	24 12	17 28	4 6
W12	3 23	19 28	1 48	9 45	1 30	17 29	0 30	23 28	0 30	16 24	0 47	6 15	2 17	21 41	0 34	3 49	1 35	24 47	9 7	23 26	23 26	24 12	17 28	4 7
T 13	2 59	22 7	0 47	10 0	1 15	17 14	0 26	23 25	0 32	16 28	0 46	6 18	2 17	21 41	0 34	3 49	1 35	24 47	9 7	23 26	23 25	24 12	17 27	4 7
F 14	2 36	23 45	0n16	10 13	1 0	16 59	0 22	23 22	0 33	16 31	0 46	6 20	2 17	21 41	0 34	3 50	1 35	24 47	9 6	23 26	23 25	24 12	17 27	4 8
S 15	2 12	24 18	1 18	10 24	0 46	16 44	0 18	23 19	0 34	16 34	0 46	6 23	2 17	21 41	0 34	3 51	1 35	24 48	9 6	23 26	23 25	24 12	17 26	4 9
S 16	1 48	23 45	2 16	10 32	0 32	16 28	0 14	23 16	0 35	16 37	0 46	6 26	2 17	21 41	0 34	3 52	1 35	24 48	9 6	23 26	23 25	24 12	17 26	4 9
M17	1 25	22 8	3 9	10 38	0 19	16 11	0 10	23 13	0 36	16 40	0 46	6 29	2 17	21 42	0 34	3 53	1 35	24 48	9 6	23 25	23 25	24 12	17 25	4 10
T 18	1 1	19 30	3 54	10 42	0 6	15 54	0 6	23 9	0 37	16 44	0 45	6 31	2 17	21 42	0 34	3 54	1 35	24 48	9 6	23 25	23 25	24 12	17 24	4 11
W19	0 37	15 58	4 29	10 43	0s 7	15 36	0 2	23 6	0 39	16 47	0 45	6 34	2 16	21 42	0 34	3 55	1 35	24 49	9 6	23 25	23 25	24 12	17 24	4 11
T 20	0 14	11 41	4 51	10 43	0 19	15 18	0s 2	23 2	0 40	16 50	0 45	6 37	2 16	21 42	0 34	3 55	1 35	24 49	9 6	23 25	23 25	24 12	17 23	4 12
F 21	0n10	6 49	5 0	10 41	0 31	15 0	0 5	22 57	0 41	16 53	0 45	6 40	2 16	21 42	0 34	3 56	1 35	24 49	9 6	23 24	23 25	24 12	17 22	4 13
S 22	0 34	1 33	4 54	10 36	0 42	14 41	0 9	22 53	0 42	16 57	0 45	6 43	2 16	21 42	0 34	3 57	1 35	24 49	9 6	23 24	23 25	24 12	17 22	4 13
S 23	0 57	3s53	4 31	10 30	0 53	14 22	0 13	22 49	0 43	17 0	0 45	6 45	2 16	21 42	0 34	3 58	1 35	24 49	9 6	23 23	23 24	24 12	17 21	4 14
M24	1 21	9 13	3 54	10 21	1 3	14 2	0 16	22 44	0 45	17 3	0 44	6 48	2 16	21 42	0 34	3 59	1 35	24 50	9 5	23 23	23 24	24 12	17 20	4 14
T 25	1 45	14 12	3 2	10 11	1 13	13 42	0 20	22 39	0 46	17 7	0 44	6 51	2 16	21 42	0 34	4 0	1 35	24 50	9 5	23 23	23 24	24 12	17 19	4 15
W26	2 8	18 31	2 0	9 59	1 22	13 22	0 23	22 34	0 47	17 10	0 44	6 54	2 16	21 42	0 34	4 1	1 35	24 50	9 5	23 22	23 24	24 11	17 19	4 16
T 27	2 32	21 50	0 50	9 46	1 30	13 1	0 27	22 29	0 48	17 13	0 44	6 56	2 16	21 42	0 34	4 2	1 35	24 50	9 5	23 22	23 24	24 11	17 18	4 16
F 28	2 55	23 53	0s24	9 31	1 38	12 40	0 30	22 23	0 50	17 17	0 44	6 59	2 16	21 42	0 34	4 2	1 35	24 50	9 5	23 22	23 24	24 11	17 17	4 17
S 29	3 18	24 25	1 37	9 14	1 46	12 18	0 34	22 18	0 51	17 20	0 44	7 2	2 16	21 42	0 34	4 3	1 35	24 50	9 5	23 22	23 24	24 11	17 16	4 18
S 30	3 42	23 23	2 44	8 55	1 53	11 56	0 37	22 12	0 52	17 23	0 43	7 5	2 16	21 42	0 34	4 4	1 35	24 50	9 5	23 22	23 24	24 11	17 16	4 18
M31	4n 5	20s51	3s42	8s35	1s59	11s34	0s40	22s 6	0s54	17n27	0s43	7n 8	2s15	21n42	0n34	4n 5	1s35	24n50	9n 5	23n22	23n24	24n11	17s15	4n19

Julian Day Number = 2343492.5, Delta T = 12.96 sec
Ecliptic obliquity = 23°28'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'38, Lahiri = 19°43'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

APRIL 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 25	11♈16'42	25♒59	14♓ 1	2♓44	25♑21	21♉36	23♈52	25°R 3	14♈ 4	15°R33	24°R31	25♊12	19♋12	6°R54	T 1
W 2	12 41 21	12°15'45	10♓12	15°13	3°55	26° 2	21°49	23°59	25°D 3	14° 7	15♌32	24♊23	25° 9	19°18	6♐53	W 2
T 3	12 45 18	13°14'46	24°19	16°28	5° 6	26°43	22° 1	24° 7	25♋ 3	14° 9	15°32	24°12	25° 6	19°25	6°51	T 3
F 4	12 49 14	14°13'45	8♈15	17°44	6°17	27°23	22°14	24°14	25° 3	14°11	15°31	24° 1	25° 3	19°32	6°50	F 4
S 5	12 53 11	15°12'42	21°55	19° 3	7°28	28° 4	22°26	24°22	25° 3	14°14	15°30	23°50	24°59	19°38	6°48	S 5
S 6	12 57 7	16°11'37	5♉15	20°24	8°40	28°45	22°39	24°29	25° 3	14°16	15°30	23°40	24°56	19°45	6°46	S 6
M 7	13 1 4	17°10'30	18°14	21°46	9°51	29°25	22°52	24°37	25° 3	14°18	15°29	23°33	24°53	19°52	6°44	M 7
T 8	13 5 1	18° 9'21	0♊53	23°10	11° 2	0♒ 6	23° 4	24°45	25° 4	14°20	15°29	23°28	24°50	19°58	6°42	T 8
W 9	13 8 57	19° 8'10	13°14	24°36	12°14	0°47	23°17	24°52	25° 4	14°23	15°28	23°25	24°47	20° 5	6°40	W 9
T 10	13 12 54	20° 6'56	25°19	26° 4	13°25	1°27	23°30	25° 0	25° 4	14°25	15°28	23°D25	24°44	20°12	6°38	T 10
F 11	13 16 50	21° 5'40	7♋14	27°34	14°36	2° 8	23°43	25° 7	25° 5	14°27	15°27	23°25	24°40	20°18	6°36	F 11
S 12	13 20 47	22° 4'22	19° 4	29° 5	15°48	2°48	23°56	25°15	25° 5	14°29	15°27	23°R26	24°37	20°25	6°33	S 12
S 13	13 24 43	23° 3'02	0♌53	0♈38	16°59	3°29	24° 9	25°23	25° 6	14°32	15°26	23°26	24°34	20°32	6°31	S 13
M14	13 28 40	24° 1'40	12°48	2°13	18°11	4° 9	24°22	25°30	25° 6	14°34	15°26	23°24	24°31	20°38	6°28	M14
T 15	13 32 36	25° 0'15	24°53	3°49	19°22	4°50	24°35	25°38	25° 7	14°36	15°26	23°20	24°28	20°45	6°26	T 15
W16	13 36 33	25°58'48	7♍13	5°27	20°34	5°30	24°49	25°46	25° 8	14°38	15°25	23°13	24°25	20°52	6°23	W16
T 17	13 40 29	26°57'19	19°50	7° 7	21°46	6°11	25° 2	25°53	25° 9	14°41	15°25	23° 5	24°21	20°58	6°20	T 17
F 18	13 44 26	27°55'48	2♎46	8°48	22°57	6°51	25°15	26° 1	25° 9	14°43	15°25	22°56	24°18	21° 5	6°18	F 18
S 19	13 48 23	28°54'14	16° 2	10°31	24° 9	7°32	25°28	26° 8	25°10	14°45	15°25	22°46	24°15	21°12	6°15	S 19
S 20	13 52 19	29°52'39	29°37	12°16	25°21	8°12	25°42	26°16	25°11	14°47	15°24	22°38	24°12	21°18	6°12	S 20
M21	13 56 16	0♉51'02	13♏27	14° 2	26°32	8°52	25°55	26°24	25°12	14°49	15°24	22°31	24° 9	21°25	6° 9	M21
T 22	14 0 12	1°49'24	27°29	15°50	27°44	9°33	26° 9	26°31	25°13	14°52	15°24	22°26	24° 5	21°32	6° 6	T 22
W23	14 4 9	2°47'43	11♐38	17°40	28°56	10°13	26°22	26°39	25°14	14°54	15°24	22°24	24° 2	21°38	6° 2	W23
T 24	14 8 5	3°46'01	25°52	19°32	0♈ 8	10°53	26°36	26°47	25°15	14°56	15°24	22°D23	23°59	21°45	5°59	T 24
F 25	14 12 2	4°44'18	10♑ 6	21°25	1°20	11°33	26°49	26°54	25°17	14°58	15°24	22°24	23°56	21°52	5°56	F 25
S 26	14 15 58	5°42'33	24°19	23°20	2°32	12°14	27° 3	27° 2	25°18	15° 0	15°24	22°25	23°53	21°58	5°52	S 26
S 27	14 19 55	6°40'46	8♒29	25°17	3°43	12°54	27°16	27° 9	25°19	15° 2	15°D24	22°R25	23°50	22° 5	5°49	S 27
M28	14 23 52	7°38'58	22°33	27°15	4°55	13°34	27°30	27°17	25°21	15° 5	15°24	22°24	23°46	22°12	5°45	M28
T 29	14 27 48	8°37'09	6♓32	29°15	6° 7	14°14	27°44	27°24	25°22	15° 7	15°24	22°22	23°43	22°18	5°42	T 29
W30	14 31 45	9♉35'18	20♓22	1♉17	7♈19	14♒54	27♉57	27♈32	25♋23	15♈ 9	15♌24	22♊17	23♊40	22♋25	5♐38	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n28	17s 2	4s26	8s13	2s 5	11s11	0s43	22s 0	0s55	17n30	0s43	7n11	2s15	21n42	0n34	4n 6	1s35	24n51	9n 4	23n22	23n23	24n11	17s14	4n20
W 2	4 51	12 16	4 53	7 50	2 10	10 48	0 46	21 54	0 56	17 34	0 43	7 13	2 15	21 42	0 34	4 7	1 35	24 51	9 4	23 22	23 23	24 10	17 13	4 20
T 3	5 14	6 52	5 2	7 25	2 15	10 25	0 49	21 47	0 58	17 37	0 43	7 16	2 15	21 42	0 34	4 8	1 35	24 51	9 4	23 21	23 23	24 10	17 12	4 21
F 4	5 37	1 12	4 53	6 59	2 19	10 2	0 52	21 41	0 59	17 40	0 43	7 19	2 15	21 42	0 33	4 9	1 35	24 51	9 4	23 21	23 23	24 10	17 11	4 21
S 5	6 0	4n25	4 27	6 32	2 23	9 38	0 55	21 34	1 0	17 44	0 42	7 22	2 15	21 42	0 33	4 9	1 35	24 51	9 4	23 20	23 23	24 10	17 10	4 22
S 6	6 23	9 44	3 47	6 3	2 26	9 14	0 58	21 27	1 2	17 47	0 42	7 25	2 15	21 42	0 33	4 10	1 35	24 51	9 4	23 20	23 23	24 10	17 10	4 23
M 7	6 45	14 28	2 56	5 33	2 29	8 49	1 0	21 20	1 3	17 50	0 42	7 27	2 15	21 42	0 33	4 11	1 35	24 51	9 3	23 19	23 23	24 10	17 9	4 23
T 8	7 8	18 27	1 57	5 2	2 31	8 25	1 3	21 13	1 4	17 54	0 42	7 30	2 15	21 42	0 33	4 12	1 35	24 51	9 3	23 19	23 23	24 9	17 8	4 24
W 9	7 30	21 32	0 54	4 29	2 33	8 0	1 6	21 5	1 6	17 57	0 42	7 33	2 15	21 42	0 33	4 13	1 35	24 51	9 3	23 19	23 22	24 9	17 7	4 24
T 10	7 53	23 34	0n10	3 55	2 34	7 34	1 8	20 58	1 7	18 0	0 42	7 36	2 15	21 42	0 33	4 14	1 35	24 51	9 3	23 19	23 22	24 9	17 6	4 25
F 11	8 15	24 30	1 13	3 20	2 35	7 9	1 10	20 50	1 9	18 4	0 41	7 39	2 15	21 42	0 33	4 15	1 35	24 51	9 3	23 19	23 22	24 9	17 5	4 26
S 12	8 37	24 19	2 13	2 44	2 35	6 44	1 13	20 42	1 10	18 7	0 41	7 41	2 15	21 42	0 33	4 16	1 35	24 51	9 3	23 19	23 22	24 9	17 4	4 26
S 13	8 58	23 1	3 7	2 7	2 34	6 18	1 15	20 34	1 12	18 10	0 41	7 44	2 15	21 42	0 33	4 16	1 35	24 51	9 3	23 19	23 22	24 8	17 3	4 27
M14	9 20	20 43	3 53	1 28	2 33	5 52	1 17	20 26	1 13	18 14	0 41	7 47	2 15	21 41	0 33	4 17	1 35	24 51	9 2	23 19	23 22	24 8	17 2	4 27
T 15	9 42	17 28	4 29	0 48	2 32	5 26	1 19	20 18	1 15	18 17	0 41	7 50	2 15	21 41	0 33	4 18	1 35	24 51	9 2	23 19	23 22	24 8	17 1	4 28
W16	10 3	13 25	4 54	0 8	2 30	4 59	1 21	20 9	1 16	18 20	0 41	7 53	2 15	21 41	0 33	4 19	1 35	24 51	9 2	23 18	23 22	24 8	17 0	4 29
T 17	10 24	8 42	5 5	0n34	2 27	4 33	1 23	20 1	1 17	18 24	0 41	7 55	2 15	21 41	0 33	4 20	1 35	24 51	9 2	23 18	23 21	24 7	16 59	4 29
F 18	10 45	3 30	5 1	1 17	2 24	4 6	1 25	19 52	1 19	18 27	0 41	7 58	2 15	21 41	0 33	4 21	1 35	24 51	9 2	23 17	23 21	24 7	16 58	4 30
S 19	11 6	2s 0	4 41	2 1	2 21	3 39	1 27	19 43	1 20	18 30	0 40	8 1	2 15	21 41	0 33	4 22	1 35	24 50	9 1	23 17	23 21	24 7	16 57	4 30
S 20	11 27	7 32	4 5	2 45	2 17	3 12	1 28	19 34	1 22	18 34	0 40	8 4	2 15	21 40	0 33	4 22	1 35	24 50	9 1	23 16	23 21	24 6	16 56	4 31
M21	11 47	12 49	3 14	3 31	2 12	2 45	1 30	19 25	1 24	18 37	0 40	8 6	2 15	21 40	0 33	4 23	1 35	24 50	9 1	23 16	23 21	24 6	16 55	4 31
T 22	12 8	17 31	2 10	4 17	2 7	2 18	1 31	19 15	1 25	18 40	0 40	8 9	2 15	21 40	0 33	4 24	1 35	24 50	9 1	23 16	23 21	24 6	16 54	4 32
W23	12 28	21 16	0 58	5 4	2 2	1 51	1 33	19 6	1 27	18 44	0 40	8 12	2 15	21 40	0 33	4 25	1 35	24 50	9 1	23 16	23 21	24 6	16 53	4 32
T 24	12 48	23 44	0s19	5 52	1 55	1 23	1 34	18 57	1 28	18 47	0 40	8 15	2 15	21 40	0 33	4 26	1 35	24 50	9 1	23 16	23 20	24 5	16 52	4 33
F 25	13 7	24 40	1 34	6 41	1 49	0 56	1 35	18 47	1 30	18 50	0 40	8 17	2 15	21 39	0 33	4 26	1 35	24 50	9 0	23 16	23 20	24 5	16 51	4 33
S 26	13 27	23 58	2 44	7 30	1 42	0 28	1 37	18 37	1 31	18 53	0 40	8 20	2 15	21 39	0 33	4 27	1 35	24 50	9 0	23 16	23 20	24 5	16 50	4 34
S 27	13 46	21 45	3 43	8 20	1 34	0 1	1 38	18 27	1 33	18 57	0 39	8 23	2 15	21 39	0 33	4 28	1 35	24 49	9 0	23 16	23 20	24 4	16 49	4 34
M28	14 5	18 14	4 28	9 10	1 26	0n27	1 39	18 17	1 35	19 0	0 39	8 25	2 15	21 39	0 33	4 29	1 35	24 49	9 0	23 16	23 20	24 4	16 47	4 35
T 29	14 24	13 44	4 57	10 1	1 18	0 55	1 40	18 7	1 36	19 3	0 39	8 28	2 15	21 38	0 33	4 30	1 35	24 49	9 0	23 15	23 20	24 4	16 46	4 35
W30	14n42	8s33	5s 9	10n52	1s 9	1n22	1s40	17s57	1s38	19n 6	0s39	8n31	2s15	21n38	0n33	4n30	1s35	24n49	9n 0	23n15	23n20	24n 3	16s45	4n36

Julian Day Number = 2343523.5, Delta T = 12.94 sec
Ecliptic obliquity = 23°28'41, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'42, Lahiri = 19°43'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

MAY 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 41	10♉33'25	4♈ 3	3♉20	8♈31	15♒34	28♉11	27♈39	25♋25	15♈11	15♌24	22°R11	23♊37	22♋32	5°R34	T 1
F 2	14 39 38	11°31'31	17°32	5°25	9°43	16°14	28°25	27°47	25°26	15°13	15°24	22♊ 4	23°34	22°38	5♐31	F 2
S 3	14 43 34	12°29'36	0♉47	7°31	10°55	16°54	28°39	27°54	25°28	15°15	15°24	21°57	23°30	22°45	5°27	S 3
S 4	14 47 31	13°27'39	13°46	9°38	12° 8	17°33	28°52	28° 2	25°30	15°17	15°24	21°52	23°27	22°52	5°23	S 4
M 5	14 51 27	14°25'40	26°30	11°47	13°20	18°13	29° 6	28° 9	25°31	15°19	15°25	21°47	23°24	22°58	5°19	M 5
T 6	14 55 24	15°23'40	8♊58	13°56	14°32	18°53	29°20	28°17	25°33	15°21	15°25	21°45	23°21	23° 5	5°15	T 6
W 7	14 59 21	16°21'38	21°12	16° 6	15°44	19°33	29°34	28°24	25°35	15°23	15°25	21°D44	23°18	23°12	5°11	W 7
T 8	15 3 17	17°19'34	3♋15	18°17	16°56	20°12	29°48	28°32	25°37	15°25	15°25	21°45	23°15	23°18	5° 7	T 8
F 9	15 7 14	18°17'29	15° 9	20°28	18° 8	20°52	0♊ 2	28°39	25°38	15°27	15°26	21°46	23°11	23°25	5° 3	F 9
S 10	15 11 10	19°15'22	26°58	22°39	19°20	21°31	0°16	28°46	25°40	15°29	15°26	21°48	23° 8	23°32	4°59	S 10
S 11	15 15 7	20°13'13	8♌48	24°49	20°32	22°11	0°30	28°54	25°42	15°31	15°26	21°49	23° 5	23°38	4°55	S 11
M12	15 19 3	21°11'02	20°44	26°59	21°45	22°50	0°44	29° 1	25°44	15°33	15°27	21°R50	23° 2	23°45	4°51	M12
T 13	15 23 0	22° 8'50	2♍49	29° 9	22°57	23°29	0°58	29° 8	25°46	15°35	15°27	21°49	22°59	23°52	4°47	T 13
W14	15 26 56	23° 6'36	15° 9	1♊17	24° 9	24° 8	1°12	29°15	25°48	15°37	15°28	21°47	22°56	23°58	4°42	W14
T 15	15 30 53	24° 4'20	27°48	3°23	25°21	24°47	1°26	29°23	25°51	15°39	15°28	21°44	22°52	24° 5	4°38	T 15
F 16	15 34 50	25° 2'03	10♎49	5°28	26°34	25°26	1°40	29°30	25°53	15°41	15°29	21°41	22°49	24°12	4°34	F 16
S 17	15 38 46	25°59'44	24°13	7°32	27°46	26° 5	1°54	29°37	25°55	15°42	15°29	21°37	22°46	24°18	4°30	S 17
S 18	15 42 43	26°57'23	8♏ 0	9°33	28°58	26°44	2° 8	29°44	25°57	15°44	15°30	21°33	22°43	24°25	4°25	S 18
M19	15 46 39	27°55'02	22° 8	11°32	0♉11	27°23	2°22	29°51	25°59	15°46	15°30	21°31	22°40	24°32	4°21	M19
T 20	15 50 36	28°52'39	6♐32	13°28	1°23	28° 2	2°36	29°58	26° 2	15°48	15°31	21°29	22°36	24°38	4°17	T 20
W21	15 54 32	29°50'15	21° 7	15°23	2°35	28°41	2°50	0♉ 5	26° 4	15°50	15°32	21°D28	22°33	24°45	4°12	W21
T 22	15 58 29	0♊47'49	5♑46	17°14	3°48	29°19	3° 4	0°12	26° 7	15°51	15°32	21°29	22°30	24°52	4° 8	T 22
F 23	16 2 25	1°45'23	20°25	19° 3	5° 0	29°58	3°18	0°19	26° 9	15°53	15°33	21°30	22°27	24°58	4° 4	F 23
S 24	16 6 22	2°42'56	4♒56	20°49	6°12	0♓36	3°32	0°26	26°12	15°55	15°34	21°31	22°24	25° 5	3°59	S 24
S 25	16 10 19	3°40'28	19°17	22°32	7°25	1°14	3°46	0°33	26°14	15°56	15°34	21°32	22°21	25°12	3°55	S 25
M26	16 14 15	4°37'59	3♓24	24°12	8°37	1°53	4° 0	0°40	26°17	15°58	15°35	21°R32	22°17	25°18	3°51	M26
T 27	16 18 12	5°35'29	17°16	25°50	9°50	2°31	4°14	0°46	26°19	16° 0	15°36	21°32	22°14	25°25	3°46	T 27
W28	16 22 8	6°32'59	0♈53	27°24	11° 2	3° 9	4°28	0°53	26°22	16° 1	15°37	21°31	22°11	25°32	3°42	W28
T 29	16 26 5	7°30'28	14°14	28°56	12°15	3°47	4°42	1° 0	26°25	16° 3	15°38	21°30	22° 8	25°38	3°38	T 29
F 30	16 30 1	8°27'56	27°20	0♋24	13°27	4°24	4°56	1° 6	26°27	16° 5	15°39	21°28	22° 5	25°45	3°33	F 30
S 31	16 33 58	9♊25'23	10♉12	1♋50	14♉40	5♓ 2	5♊10	1♉13	26♋30	16♈ 6	15♌39	21♊26	22♊ 2	25♋52	3♐29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 1	3s 1	5s 3	11n42	1s 0	1n50	1s41	17s47	1s39	19n 9	0s39	8n33	2s15	21n38	0n33	4n31	1s35	24n49	8n59	23n15	23n19	24n 3	16s44	4n36
F 2	15 19	2n35	4 39	12 33	0 50	2 18	1 42	17 36	1 41	19 13	0 39	8 36	2 15	21 37	0 33	4 32	1 36	24 48	8 59	23 14	23 19	24 3	16 43	4 37
S 3	15 37	7 59	4 2	13 24	0 41	2 45	1 43	17 26	1 43	19 16	0 39	8 39	2 15	21 37	0 33	4 33	1 36	24 48	8 59	23 14	23 19	24 2	16 42	4 37
S 4	15 54	12 57	3 12	14 14	0 30	3 13	1 43	17 15	1 44	19 19	0 39	8 41	2 15	21 37	0 33	4 34	1 36	24 48	8 59	23 14	23 19	24 2	16 41	4 37
M 5	16 12	17 15	2 13	15 4	0 20	3 41	1 44	17 4	1 46	19 22	0 38	8 44	2 15	21 36	0 33	4 34	1 36	24 48	8 59	23 13	23 19	24 2	16 40	4 38
T 6	16 29	20 42	1 9	15 54	0 10	4 8	1 44	16 54	1 48	19 25	0 38	8 46	2 15	21 36	0 33	4 35	1 36	24 48	8 58	23 13	23 19	24 1	16 39	4 38
W 7	16 45	23 8	0 3	16 42	0n 1	4 36	1 44	16 43	1 49	19 28	0 38	8 49	2 15	21 36	0 33	4 36	1 36	24 47	8 58	23 13	23 18	24 1	16 38	4 39
T 8	17 2	24 29	1n 3	17 29	0 11	5 3	1 44	16 32	1 51	19 31	0 38	8 51	2 15	21 35	0 33	4 37	1 36	24 47	8 58	23 13	23 18	24 0	16 37	4 39
F 9	17 18	24 41	2 5	18 15	0 22	5 31	1 45	16 21	1 53	19 34	0 38	8 54	2 15	21 35	0 33	4 37	1 36	24 47	8 58	23 13	23 18	24 0	16 35	4 40
S 10	17 34	23 45	3 1	18 59	0 32	5 58	1 45	16 10	1 54	19 37	0 38	8 57	2 16	21 35	0 33	4 38	1 36	24 46	8 58	23 13	23 18	24 0	16 34	4 40
S 11	17 50	21 47	3 50	19 41	0 43	6 25	1 45	15 58	1 56	19 40	0 38	8 59	2 16	21 34	0 33	4 39	1 36	24 46	8 58	23 14	23 18	23 59	16 33	4 40
M12	18 5	18 51	4 29	20 22	0 52	6 52	1 44	15 47	1 58	19 43	0 38	9 2	2 16	21 34	0 33	4 39	1 36	24 46	8 57	23 14	23 18	23 59	16 32	4 41
T 13	18 20	15 6	4 57	21 1	1 2	7 19	1 44	15 36	2 0	19 46	0 38	9 4	2 16	21 34	0 33	4 40	1 36	24 46	8 57	23 14	23 17	23 58	16 31	4 41
W14	18 35	10 39	5 11	21 37	1 11	7 46	1 44	15 24	2 1	19 49	0 38	9 7	2 16	21 33	0 33	4 41	1 36	24 45	8 57	23 13	23 17	23 58	16 30	4 41
T 15	18 49	5 39	5 12	22 11	1 20	8 13	1 44	15 13	2 3	19 52	0 37	9 9	2 16	21 33	0 33	4 42	1 36	24 45	8 57	23 13	23 17	23 58	16 29	4 42
F 16	19 3	0 16	4 56	22 42	1 28	8 39	1 43	15 1	2 5	19 55	0 37	9 11	2 16	21 32	0 33	4 42	1 36	24 45	8 57	23 13	23 17	23 57	16 28	4 42
S 17	19 17	5s18	4 25	23 11	1 36	9 6	1 43	14 50	2 7	19 58	0 37	9 14	2 16	21 32	0 33	4 43	1 36	24 44	8 56	23 13	23 17	23 57	16 27	4 42
S 18	19 31	10 47	3 37	23 37	1 43	9 32	1 42	14 38	2 9	20 1	0 37	9 16	2 16	21 31	0 33	4 44	1 36	24 44	8 56	23 13	23 17	23 56	16 26	4 43
M19	19 44	15 50	2 35	24 0	1 49	9 58	1 42	14 26	2 10	20 4	0 37	9 19	2 16	21 31	0 33	4 44	1 36	24 44	8 56	23 12	23 16	23 56	16 25	4 43
T 20	19 56	20 6	1 21	24 21	1 55	10 24	1 41	14 15	2 12	20 7	0 37	9 21	2 16	21 31	0 32	4 45	1 36	24 43	8 56	23 12	23 16	23 55	16 24	4 43
W21	20 9	23 9	0 2	24 39	2 0	10 49	1 40	14 3	2 14	20 9	0 37	9 23	2 16	21 30	0 32	4 46	1 36	24 43	8 56	23 12	23 16	23 55	16 23	4 44
T 22	20 21	24 39	1s18	24 55	2 4	11 15	1 39	13 51	2 16	20 12	0 37	9 26	2 17	21 30	0 32	4 46	1 36	24 42	8 56	23 12	23 16	23 54	16 21	4 44
F 23	20 33	24 27	2 33	25 8	2 7	11 40	1 38	13 39	2 18	20 15	0 37	9 28	2 17	21 29	0 32	4 47	1 36	24 42	8 55	23 12	23 16	23 54	16 20	4 44
S 24	20 44	22 35	3 37	25 19	2 10	12 5	1 37	13 27	2 20	20 18	0 37	9 30	2 17	21 29	0 32	4 47	1 36	24 42	8 55	23 12	23 16	23 53	16 19	4 44
S 25	20 55	19 18	4 27	25 27	2 11	12 29	1 36	13 15	2 21	20 20	0 37	9 33	2 17	21 28	0 32	4 48	1 36	24 41	8 55	23 12	23 15	23 53	16 18	4 45
M26	21 6	14 56	5 0	25 33	2 12	12 54	1 35	13 3	2 23	20 23	0 36	9 35	2 17	21 28	0 32	4 49	1 36	24 41	8 55	23 12	23 15	23 52	16 17	4 45
T 27	21 16	9 52	5 15	25 37	2 12	13 18	1 34	12 51	2 25	20 26	0 36	9 37	2 17	21 27	0 32	4 49	1 36	24 41	8 55	23 12	23 15	23 52	16 16	4 45
W28	21 26	4 25	5 12	25 39	2 12	13 41	1 33	12 39	2 27	20 28	0 36	9 39	2 17	21 27	0 32	4 50	1 36	24 40	8 55	23 12	23 15	23 51	16 15	4 45
T 29	21 36	1n 8	4 52	25 39	2 10	14 5	1 32	12 27	2 29	20 31	0 36	9 42	2 17	21 26	0 32	4 50	1 36	24 40	8 54	23 12	23 15	23 51	16 14	4 45
F 30	21 45	6 33	4 16	25 37	2 8	14 28	1 30	12 15	2 31	20 34	0 36	9 44	2 17	21 26	0 32	4 51	1 37	24 39	8 54	23 12	23 14	23 50	16 13	4 46
S 31	21n54	11n36	3s29	25n33	2n 5	14n51	1s29	12s 3	2s33	20n36	0s36	9n46	2s18	21n25	0n32	4n51	1s37	24n39	8n54	23n12	23n14	23n50	16s12	4n46

Julian Day Number = 2343553.5, Delta T = 12.91 sec
Ecliptic obliquity = 23°28'41, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'46, Lahiri = 19°43'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

JUNE 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 54	10♊22'49	22♉51	3♋12	15♉53	5♓39	5♊24	1♉19	26♋33	16♈ 8	15♌40	21°R25	21♊58	25♋58	3°R25	S 1
M 2	16 41 51	11°20'15	5♊16	4°32	17° 5	6°17	5°38	1°26	26°36	16° 9	15°41	21♊24	21°55	26° 5	3♐20	M 2
T 3	16 45 48	12°17'40	17°31	5°48	18°18	6°54	5°52	1°32	26°39	16°11	15°42	21°D23	21°52	26°12	3°16	T 3
W 4	16 49 44	13°15'04	29°35	7° 1	19°30	7°31	6° 6	1°39	26°41	16°12	15°43	21°24	21°49	26°18	3°12	W 4
T 5	16 53 41	14°12'27	11♋32	8°11	20°43	8° 8	6°20	1°45	26°44	16°13	15°44	21°24	21°46	26°25	3° 8	T 5
F 6	16 57 37	15° 9'49	23°23	9°17	21°56	8°45	6°34	1°51	26°47	16°15	15°45	21°25	21°42	26°32	3° 3	F 6
S 7	17 1 34	16° 7'10	5♌12	10°20	23° 8	9°22	6°48	1°58	26°50	16°16	15°46	21°25	21°39	26°38	2°59	S 7
S 8	17 5 30	17° 4'30	17° 2	11°20	24°21	9°58	7° 2	2° 4	26°53	16°17	15°48	21°26	21°36	26°45	2°55	S 8
M 9	17 9 27	18° 1'50	28°57	12°16	25°34	10°35	7°16	2°10	26°56	16°19	15°49	21°26	21°33	26°52	2°51	M 9
T 10	17 13 24	18°59'08	11♍ 1	13° 8	26°46	11°11	7°29	2°16	26°59	16°20	15°50	21°26	21°30	26°58	2°47	T 10
W11	17 17 20	19°56'25	23°20	13°57	27°59	11°47	7°43	2°22	27° 2	16°21	15°51	21°R26	21°27	27° 5	2°43	W11
T 12	17 21 17	20°53'42	5♎56	14°42	29°12	12°23	7°57	2°28	27° 6	16°22	15°52	21°26	21°23	27°12	2°39	T 12
F 13	17 25 13	21°50'58	18°55	15°23	0♊25	12°58	8°11	2°34	27° 9	16°24	15°53	21°D26	21°20	27°18	2°35	F 13
S 14	17 29 10	22°48'12	2♏18	16° 0	1°37	13°34	8°25	2°40	27°12	16°25	15°55	21°26	21°17	27°25	2°31	S 14
S 15	17 33 6	23°45'27	16° 7	16°33	2°50	14° 9	8°38	2°45	27°15	16°26	15°56	21°27	21°14	27°32	2°27	S 15
M16	17 37 3	24°42'40	0♐21	17° 2	4° 3	14°44	8°52	2°51	27°18	16°27	15°57	21°27	21°11	27°38	2°23	M16
T 17	17 40 59	25°39'53	14°57	17°26	5°16	15°19	9° 6	2°57	27°22	16°28	15°58	21°R27	21° 8	27°45	2°19	T 17
W18	17 44 56	26°37'06	29°50	17°46	6°29	15°54	9°20	3° 2	27°25	16°29	16° 0	21°27	21° 4	27°52	2°16	W18
T 19	17 48 53	27°34'18	14♑51	18° 2	7°41	16°29	9°33	3° 8	27°28	16°30	16° 1	21°27	21° 1	27°58	2°12	T 19
F 20	17 52 49	28°31'30	29°52	18°13	8°54	17° 3	9°47	3°13	27°32	16°31	16° 2	21°26	20°58	28° 5	2° 8	F 20
S 21	17 56 46	29°28'42	14♒46	18°19	10° 7	17°37	10° 0	3°19	27°35	16°32	16° 4	21°25	20°55	28°12	2° 5	S 21
S 22	18 0 42	0♋25'54	29°24	18°R21	11°20	18°11	10°14	3°24	27°38	16°33	16° 5	21°24	20°52	28°18	2° 1	S 22
M23	18 4 39	1°23'05	13♓42	18°18	12°33	18°45	10°27	3°29	27°42	16°34	16° 7	21°24	20°48	28°25	1°58	M23
T 24	18 8 35	2°20'17	27°38	18°11	13°46	19°19	10°41	3°34	27°45	16°35	16° 8	21°D23	20°45	28°32	1°55	T 24
W25	18 12 32	3°17'29	11♈11	17°59	14°59	19°52	10°54	3°39	27°48	16°36	16° 9	21°23	20°42	28°38	1°51	W25
T 26	18 16 28	4°14'41	24°23	17°43	16°12	20°25	11° 8	3°44	27°52	16°36	16°11	21°24	20°39	28°45	1°48	T 26
F 27	18 20 25	5°11'53	7♉15	17°23	17°25	20°58	11°21	3°49	27°55	16°37	16°12	21°25	20°36	28°52	1°45	F 27
S 28	18 24 22	6° 9'05	19°51	16°59	18°38	21°30	11°35	3°54	27°59	16°38	16°14	21°26	20°33	28°58	1°42	S 28
S 29	18 28 18	7° 6'17	2♊12	16°32	19°51	22° 3	11°48	3°59	28° 2	16°39	16°15	21°27	20°29	29° 5	1°39	S 29
M30	18 32 15	8♋ 3'30	14♊23	16♋ 1	21♊ 5	22♓35	12♊ 1	4♉ 4	28♋ 6	16♈39	16♌17	21♊28	20♊26	29♋12	1♐36	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	16n 4	2s32	25n28	2n 1	15n13	1s27	11s51	2s35	20n39	0s36	9n48	2s18	21n24	0n32	4n52	1s37	24n38	8n54	23n12	23n14	23n49	16s11	4n46
M 2	22 11	19 46	1 28	25 21	1 57	15 35	1 26	11 39	2 37	20 41	0 36	9 50	2 18	21 24	0 32	4 53	1 37	24 38	8 54	23 12	23 14	23 49	16 10	4 46
T 3	22 18	22 32	0 22	25 12	1 52	15 57	1 24	11 27	2 38	20 44	0 36	9 52	2 18	21 23	0 32	4 53	1 37	24 37	8 54	23 12	23 14	23 48	16 10	4 46
W 4	22 26	24 14	0n45	25 3	1 45	16 19	1 23	11 14	2 40	20 46	0 36	9 54	2 18	21 23	0 32	4 54	1 37	24 37	8 53	23 12	23 13	23 47	16 9	4 46
T 5	22 33	24 48	1 49	24 52	1 39	16 39	1 21	11 2	2 42	20 49	0 36	9 56	2 18	21 22	0 32	4 54	1 37	24 37	8 53	23 12	23 13	23 47	16 8	4 46
F 6	22 39	24 13	2 48	24 40	1 31	17 0	1 19	10 50	2 44	20 51	0 36	9 58	2 18	21 22	0 32	4 55	1 37	24 36	8 53	23 12	23 13	23 46	16 7	4 47
S 7	22 45	22 33	3 40	24 27	1 23	17 20	1 18	10 38	2 46	20 54	0 35	10 0	2 19	21 21	0 32	4 55	1 37	24 36	8 53	23 12	23 13	23 46	16 6	4 47
S 8	22 51	19 55	4 22	24 13	1 14	17 40	1 16	10 26	2 48	20 56	0 35	10 2	2 19	21 20	0 32	4 55	1 37	24 35	8 53	23 12	23 13	23 45	16 5	4 47
M 9	22 56	16 26	4 53	23 58	1 4	17 59	1 14	10 14	2 50	20 59	0 35	10 4	2 19	21 20	0 32	4 56	1 37	24 35	8 53	23 12	23 12	23 44	16 4	4 47
T 10	23 1	12 15	5 12	23 43	0 54	18 18	1 12	10 2	2 52	21 1	0 35	10 6	2 19	21 19	0 32	4 56	1 37	24 34	8 53	23 12	23 12	23 44	16 3	4 47
W11	23 6	7 30	5 17	23 27	0 43	18 36	1 10	9 50	2 54	21 3	0 35	10 8	2 19	21 19	0 32	4 57	1 37	24 34	8 52	23 12	23 12	23 43	16 2	4 47
T 12	23 10	2 21	5 7	23 11	0 31	18 54	1 8	9 38	2 56	21 6	0 35	10 10	2 19	21 18	0 32	4 57	1 37	24 33	8 52	23 12	23 12	23 43	16 2	4 47
F 13	23 14	3s 4	4 42	22 54	0 18	19 12	1 6	9 26	2 58	21 8	0 35	10 12	2 19	21 17	0 32	4 58	1 37	24 33	8 52	23 12	23 12	23 42	16 1	4 47
S 14	23 17	8 31	4 0	22 36	0 6	19 29	1 4	9 15	3 0	21 10	0 35	10 14	2 20	21 17	0 32	4 58	1 37	24 32	8 52	23 12	23 11	23 41	16 0	4 47
S 15	23 20	13 45	3 4	22 19	0s 8	19 45	1 2	9 3	3 2	21 12	0 35	10 16	2 20	21 16	0 32	4 58	1 37	24 32	8 52	23 12	23 11	23 41	15 59	4 47
M16	23 22	18 23	1 55	22 2	0 22	20 1	1 0	8 51	3 4	21 14	0 35	10 17	2 20	21 15	0 32	4 59	1 37	24 31	8 52	23 12	23 11	23 40	15 59	4 47
T 17	23 24	22 2	0 36	21 44	0 37	20 16	0 57	8 39	3 6	21 17	0 35	10 19	2 20	21 15	0 32	4 59	1 37	24 31	8 52	23 12	23 11	23 39	15 58	4 47
W18	23 26	24 15	0s46	21 27	0 52	20 31	0 55	8 27	3 8	21 19	0 35	10 21	2 20	21 14	0 32	4 59	1 38	24 30	8 52	23 12	23 11	23 39	15 57	4 47
T 19	23 27	24 44	2 6	21 9	1 7	20 45	0 53	8 16	3 10	21 21	0 35	10 22	2 20	21 14	0 32	5 0	1 38	24 30	8 51	23 12	23 10	23 38	15 56	4 47
F 20	23 28	23 26	3 17	20 52	1 23	20 59	0 51	8 4	3 12	21 23	0 35	10 24	2 21	21 13	0 32	5 0	1 38	24 29	8 51	23 12	23 10	23 37	15 56	4 47
S 21	23 29	20 29	4 15	20 36	1 39	21 12	0 48	7 53	3 14	21 25	0 35	10 26	2 21	21 12	0 32	5 0	1 38	24 29	8 51	23 12	23 10	23 37	15 55	4 47
S 22	23 29	16 17	4 54	20 20	1 55	21 25	0 46	7 41	3 16	21 27	0 35	10 27	2 21	21 12	0 32	5 1	1 38	24 28	8 51	23 12	23 10	23 36	15 54	4 47
M23	23 28	11 15	5 14	20 4	2 11	21 37	0 44	7 30	3 18	21 29	0 34	10 29	2 21	21 11	0 32	5 1	1 38	24 28	8 51	23 12	23 10	23 35	15 54	4 47
T 24	23 27	5 45	5 15	19 49	2 27	21 48	0 41	7 19	3 20	21 31	0 34	10 31	2 21	21 10	0 32	5 1	1 38	24 27	8 51	23 12	23 9	23 35	15 53	4 47
W25	23 26	0 8	4 58	19 35	2 43	21 59	0 39	7 7	3 23	21 33	0 34	10 32	2 22	21 9	0 32	5 2	1 38	24 26	8 51	23 12	23 9	23 34	15 53	4 47
T 26	23 25	5n20	4 26	19 21	2 58	22 9	0 37	6 56	3 25	21 35	0 34	10 34	2 22	21 9	0 32	5 2	1 38	24 26	8 51	23 12	23 9	23 33	15 52	4 47
F 27	23 23	10 28	3 41	19 9	3 13	22 19	0 34	6 45	3 27	21 37	0 34	10 35	2 22	21 8	0 32	5 2	1 38	24 25	8 51	23 12	23 9	23 33	15 51	4 47
S 28	23 20	15 3	2 46	18 58	3 28	22 28	0 32	6 34	3 29	21 39	0 34	10 37	2 22	21 7	0 32	5 2	1 38	24 25	8 51	23 12	23 8	23 32	15 51	4 47
S 29	23 17	18 56	1 45	18 47	3 42	22 36	0 29	6 23	3 31	21 40	0 34	10 38	2 22	21 7	0 32	5 3	1 38	24 24	8 50	23 12	23 8	23 31	15 50	4 47
M30	23n14	21n55	0s39	18n38	3s55	22n44	0s27	6s12	3s33	21n42	0s34	10n39	2s23	21n 6	0n32	5n 3	1s38	24n24	8n50	23n12	23n 8	23n30	15s50	4n47

Julian Day Number = 2343584.5, Delta T = 12.89 sec
Ecliptic obliquity = 23°28'41, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'51, Lahiri = 19°43'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

JULY 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 11	9♋ 0'43	26♊24	15°R28	22♊18	23♓ 6	12♊14	4♉ 9	28♋ 9	16♈40	16♌18	21°R28	20♊23	29♋18	1°R33	T 1
W 2	18 40 8	9°57'55	8♋20	14♋53	23°31	23°38	12°27	4°13	28°13	16°41	16°20	21♊27	20°20	29°25	1♐30	W 2
T 3	18 44 4	10°55'08	20°11	14°17	24°44	24° 9	12°41	4°18	28°16	16°41	16°22	21°25	20°17	29°32	1°27	T 3
F 4	18 48 1	11°52'21	2♌ 0	13°39	25°57	24°40	12°54	4°22	28°20	16°42	16°23	21°23	20°14	29°39	1°25	F 4
S 5	18 51 57	12°49'34	13°50	13° 1	27°10	25°10	13° 7	4°26	28°24	16°42	16°25	21°19	20°10	29°45	1°22	S 5
S 6	18 55 54	13°46'47	25°41	12°23	28°24	25°40	13°20	4°31	28°27	16°43	16°26	21°16	20° 7	29°52	1°20	S 6
M 7	18 59 51	14°44'00	7♍39	11°47	29°37	26°10	13°33	4°35	28°31	16°43	16°28	21°12	20° 4	29°59	1°17	M 7
T 8	19 3 47	15°41'13	19°44	11°11	0♎50	26°40	13°45	4°39	28°34	16°44	16°30	21° 9	20° 1	0♌ 5	1°15	T 8
W 9	19 7 44	16°38'26	2♏ 2	10°39	2° 4	27° 9	13°58	4°43	28°38	16°44	16°31	21° 8	19°58	0°12	1°12	W 9
T 10	19 11 40	17°35'38	14°35	10° 9	3°17	27°38	14°11	4°47	28°42	16°44	16°33	21°D 7	19°54	0°19	1°10	T 10
F 11	19 15 37	18°32'51	27°29	9°42	4°30	28° 6	14°24	4°51	28°45	16°45	16°35	21° 7	19°51	0°25	1° 8	F 11
S 12	19 19 33	19°30'05	10♏45	9°19	5°44	28°34	14°36	4°54	28°49	16°45	16°36	21° 8	19°48	0°32	1° 6	S 12
S 13	19 23 30	20°27'18	24°28	9° 1	6°57	29° 2	14°49	4°58	28°53	16°45	16°38	21° 9	19°45	0°39	1° 4	S 13
M14	19 27 26	21°24'31	8♐37	8°47	8°10	29°29	15° 1	5° 2	28°56	16°45	16°40	21°11	19°42	0°45	1° 2	M14
T 15	19 31 23	22°21'45	23°12	8°39	9°24	29°56	15°14	5° 5	29° 0	16°46	16°41	21°R11	19°39	0°52	1° 1	T 15
W16	19 35 20	23°18'59	8♑ 8	8°D36	10°37	0♈23	15°26	5° 8	29° 4	16°46	16°43	21°10	19°35	0°59	0°59	W16
T 17	19 39 16	24°16'14	23°18	8°38	11°51	0°49	15°39	5°12	29° 7	16°46	16°45	21° 8	19°32	1° 5	0°57	T 17
F 18	19 43 13	25°13'29	8♒34	8°46	13° 4	1°15	15°51	5°15	29°11	16°46	16°47	21° 4	19°29	1°12	0°56	F 18
S 19	19 47 9	26°10'44	23°43	8°59	14°18	1°40	16° 3	5°18	29°15	16°46	16°49	20°59	19°26	1°19	0°55	S 19
S 20	19 51 6	27° 8'01	8♓38	9°19	15°31	2° 5	16°15	5°21	29°18	16°R46	16°50	20°54	19°23	1°25	0°53	S 20
M21	19 55 2	28° 5'18	23°10	9°44	16°45	2°29	16°27	5°24	29°22	16°46	16°52	20°50	19°20	1°32	0°52	M21
T 22	19 58 59	29° 2'36	7♈16	10°16	17°59	2°53	16°39	5°27	29°26	16°46	16°54	20°46	19°16	1°39	0°51	T 22
W23	20 2 55	29°59'55	20°53	10°53	19°12	3°16	16°51	5°30	29°29	16°46	16°56	20°45	19°13	1°45	0°50	W23
T 24	20 6 52	0♌57'15	4♉ 3	11°36	20°26	3°39	17° 3	5°32	29°33	16°46	16°58	20°D44	19°10	1°52	0°49	T 24
F 25	20 10 49	1°54'36	16°50	12°25	21°40	4° 2	17°15	5°35	29°37	16°46	16°59	20°45	19° 7	1°59	0°48	F 25
S 26	20 14 45	2°51'58	29°18	13°20	22°53	4°24	17°27	5°37	29°40	16°46	17° 1	20°46	19° 4	2° 5	0°48	S 26
S 27	20 18 42	3°49'22	11♊30	14°20	24° 7	4°45	17°38	5°40	29°44	16°45	17° 3	20°48	19° 0	2°12	0°47	S 27
M28	20 22 38	4°46'46	23°31	15°26	25°21	5° 6	17°50	5°42	29°48	16°45	17° 5	20°R48	18°57	2°19	0°46	M28
T 29	20 26 35	5°44'11	5♋25	16°38	26°35	5°26	18° 1	5°44	29°52	16°45	17° 7	20°47	18°54	2°26	0°46	T 29
W30	20 30 31	6°41'38	17°15	17°54	27°49	5°45	18°13	5°46	29°55	16°45	17° 9	20°44	18°51	2°32	0°46	W30
T 31	20 34 28	7♌39'06	29♋ 3	19♋16	29♋ 2	6♈ 5	18♊24	5♉48	29♋59	16♈44	17♌10	20♊38	18♊48	2♌39	0♐45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	23n53	0n27	18n30	4s 7	22n51	0s24	6s 2	3s35	21n44	0s34	10n41	2s23	21n 5	0n32	5n 3	1s38	24n23	8n50	23n12	23n 8	23n30	15s49	4n47
W 2	23 6	24 45	1 32	18 23	4 17	22 57	0 22	5 51	3 37	21 46	0 34	10 42	2 23	21 5	0 32	5 3	1 38	24 23	8 50	23 12	23 7	23 29	15 49	4 47
T 3	23 2	24 28	2 32	18 17	4 27	23 3	0 19	5 41	3 39	21 48	0 34	10 43	2 23	21 4	0 32	5 3	1 38	24 22	8 50	23 12	23 7	23 28	15 48	4 46
F 4	22 57	23 5	3 25	18 13	4 35	23 8	0 17	5 30	3 41	21 49	0 34	10 45	2 23	21 3	0 32	5 3	1 38	24 21	8 50	23 12	23 7	23 27	15 48	4 46
S 5	22 52	20 41	4 10	18 10	4 41	23 13	0 14	5 20	3 43	21 51	0 34	10 46	2 24	21 2	0 32	5 4	1 39	24 21	8 50	23 12	23 7	23 27	15 48	4 46
S 6	22 46	17 25	4 44	18 9	4 46	23 16	0 12	5 10	3 45	21 53	0 34	10 47	2 24	21 2	0 32	5 4	1 39	24 20	8 50	23 11	23 7	23 26	15 47	4 46
M 7	22 40	13 26	5 5	18 9	4 50	23 19	0 9	5 0	3 47	21 54	0 34	10 48	2 24	21 1	0 32	5 4	1 39	24 20	8 50	23 11	23 6	23 25	15 47	4 46
T 8	22 33	8 53	5 14	18 10	4 51	23 22	0 7	4 50	3 50	21 56	0 34	10 50	2 24	21 0	0 32	5 4	1 39	24 19	8 50	23 11	23 6	23 24	15 47	4 46
W 9	22 26	3 54	5 8	18 12	4 52	23 23	0 4	4 41	3 52	21 57	0 34	10 51	2 25	20 59	0 32	5 4	1 39	24 19	8 50	23 11	23 6	23 23	15 46	4 46
T 10	22 19	1s20	4 48	18 16	4 50	23 24	0 2	4 31	3 54	21 59	0 34	10 52	2 25	20 59	0 32	5 4	1 39	24 18	8 50	23 11	23 6	23 23	15 46	4 45
F 11	22 11	6 39	4 13	18 21	4 47	23 25	0n 1	4 22	3 56	22 0	0 34	10 53	2 25	20 58	0 32	5 4	1 39	24 17	8 50	23 11	23 5	23 22	15 46	4 45
S 12	22 3	11 51	3 24	18 27	4 42	23 24	0 3	4 12	3 58	22 2	0 34	10 54	2 25	20 57	0 32	5 4	1 39	24 17	8 50	23 11	23 5	23 21	15 46	4 45
S 13	21 55	16 38	2 21	18 35	4 36	23 23	0 6	4 3	4 0	22 3	0 34	10 55	2 25	20 56	0 32	5 4	1 39	24 16	8 50	23 11	23 5	23 20	15 45	4 45
M14	21 46	20 39	1 8	18 43	4 29	23 22	0 8	3 54	4 2	22 5	0 33	10 56	2 26	20 56	0 32	5 4	1 39	24 16	8 50	23 11	23 5	23 19	15 45	4 45
T 15	21 37	23 29	0s11	18 52	4 20	23 19	0 11	3 45	4 4	22 6	0 33	10 57	2 26	20 55	0 32	5 4	1 39	24 15	8 50	23 11	23 4	23 19	15 45	4 45
W16	21 28	24 45	1 31	19 2	4 10	23 16	0 13	3 37	4 6	22 8	0 33	10 58	2 26	20 54	0 32	5 4	1 39	24 15	8 49	23 11	23 4	23 18	15 45	4 44
T 17	21 18	24 12	2 47	19 13	4 0	23 12	0 15	3 28	4 8	22 9	0 33	10 58	2 26	20 53	0 32	5 4	1 39	24 14	8 49	23 11	23 4	23 17	15 45	4 44
F 18	21 8	21 51	3 50	19 24	3 48	23 8	0 18	3 20	4 10	22 10	0 33	10 59	2 27	20 53	0 32	5 4	1 39	24 13	8 49	23 11	23 4	23 16	15 45	4 44
S 19	20 57	17 59	4 37	19 35	3 35	23 3	0 20	3 12	4 12	22 12	0 33	11 0	2 27	20 52	0 32	5 4	1 39	24 13	8 49	23 10	23 3	23 15	15 45	4 44
S 20	20 46	13 2	5 4	19 47	3 22	22 57	0 23	3 4	4 14	22 13	0 33	11 1	2 27	20 51	0 32	5 4	1 39	24 12	8 49	23 10	23 3	23 14	15 45	4 44
M21	20 35	7 28	5 11	19 59	3 8	22 50	0 25	2 56	4 16	22 14	0 33	11 2	2 27	20 50	0 32	5 4	1 39	24 12	8 49	23 10	23 3	23 13	15 44	4 43
T 22	20 23	1 41	4 58	20 11	2 54	22 43	0 27	2 48	4 18	22 15	0 33	11 2	2 28	20 50	0 32	5 4	1 40	24 11	8 49	23 9	23 3	23 13	15 44	4 43
W23	20 11	4n 0	4 29	20 23	2 40	22 35	0 29	2 41	4 20	22 17	0 33	11 3	2 28	20 49	0 32	5 4	1 40	24 11	8 49	23 9	23 2	23 12	15 45	4 43
T 24	19 59	9 20	3 47	20 34	2 25	22 27	0 32	2 34	4 23	22 18	0 33	11 4	2 28	20 48	0 32	5 4	1 40	24 10	8 49	23 9	23 2	23 11	15 45	4 43
F 25	19 46	14 7	2 54	20 45	2 9	22 17	0 34	2 26	4 24	22 19	0 33	11 4	2 28	20 47	0 32	5 4	1 40	24 9	8 49	23 9	23 2	23 10	15 45	4 42
S 26	19 33	18 10	1 54	20 55	1 54	22 8	0 36	2 20	4 26	22 20	0 33	11 5	2 29	20 47	0 32	5 4	1 40	24 9	8 49	23 9	23 2	23 9	15 45	4 42
S 27	19 20	21 22	0 50	21 4	1 39	21 57	0 38	2 13	4 28	22 21	0 33	11 5	2 29	20 46	0 32	5 4	1 40	24 8	8 49	23 9	23 1	23 8	15 45	4 42
M28	19 6	23 34	0n15	21 12	1 24	21 46	0 40	2 7	4 30	22 22	0 33	11 6	2 29	20 45	0 32	5 3	1 40	24 8	8 49	23 10	23 1	23 7	15 45	4 42
T 29	18 52	24 40	1 18	21 18	1 9	21 34	0 42	2 0	4 32	22 23	0 33	11 6	2 29	20 44	0 32	5 3	1 40	24 7	8 49	23 9	23 1	23 6	15 45	4 42
W30	18 38	24 39	2 18	21 23	0 54	21 22	0 44	1 54	4 34	22 24	0 33	11 7	2 30	20 43	0 32	5 3	1 40	24 7	8 49	23 9	23 1	23 5	15 45	4 41
T 31	18n23	23n30	3n12	21n26	0s39	21n 9	0n47	1s49	4s36	22n25	0s33	11n 7	2s30	20n43	0n32	5n 3	1s40	24n 6	8n50	23n 9	23n 0	23n 4	15s45	4n41

Julian Day Number = 2343614.5, Delta T = 12.87 sec
Ecliptic obliquity = 23°28'41, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'55, Lahiri = 19°43'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

AUGUST 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 25	8♌36'34	10♌53	20♋43	0♌16	6♈23	18♊35	5♉50	0♌ 3	16°R44	17♌12	20°R31	18♊45	2♌46	0°R45	F 1
S 2	20 42 21	9°34'04	22°45	22°14	1°30	6°41	18°46	5°52	0° 6	16♈44	17°14	20♊22	18°41	2°52	0°D45	S 2
S 3	20 46 18	10°31'34	4♍42	23°50	2°44	6°58	18°57	5°53	0°10	16°43	17°16	20°13	18°38	2°59	0♐45	S 3
M 4	20 50 14	11°29'05	16°45	25°29	3°58	7°14	19° 8	5°55	0°13	16°43	17°18	20° 3	18°35	3° 6	0°45	M 4
T 5	20 54 11	12°26'38	28°57	27°13	5°12	7°30	19°19	5°56	0°17	16°42	17°20	19°55	18°32	3°12	0°46	T 5
W 6	20 58 7	13°24'11	11♎18	29° 0	6°26	7°45	19°30	5°58	0°21	16°42	17°22	19°49	18°29	3°19	0°46	W 6
T 7	21 2 4	14°21'45	23°53	0♌50	7°40	8° 0	19°41	5°59	0°24	16°41	17°23	19°45	18°26	3°26	0°46	T 7
F 8	21 6 0	15°19'20	6♏45	2°43	8°54	8°14	19°51	6° 0	0°28	16°40	17°25	19°43	18°22	3°32	0°47	F 8
S 9	21 9 57	16°16'56	19°56	4°38	10° 8	8°27	20° 2	6° 1	0°32	16°40	17°27	19°D42	18°19	3°39	0°48	S 9
S 10	21 13 53	17°14'33	3♐29	6°35	11°22	8°39	20°12	6° 2	0°35	16°39	17°29	19°43	18°16	3°46	0°48	S 10
M11	21 17 50	18°12'11	17°28	8°34	12°36	8°51	20°22	6° 3	0°39	16°39	17°31	19°R44	18°13	3°52	0°49	M11
T 12	21 21 47	19° 9'50	1♑51	10°34	13°50	9° 2	20°32	6° 3	0°42	16°38	17°33	19°43	18°10	3°59	0°50	T 12
W13	21 25 43	20° 7'30	16°37	12°35	15° 4	9°12	20°42	6° 4	0°46	16°37	17°35	19°40	18° 6	4° 6	0°51	W13
T 14	21 29 40	21° 5'11	1♒41	14°36	16°19	9°22	20°52	6° 4	0°49	16°36	17°37	19°36	18° 3	4°12	0°52	T 14
F 15	21 33 36	22° 2'54	16°55	16°37	17°33	9°30	21° 2	6° 5	0°53	16°36	17°39	19°28	18° 0	4°19	0°54	F 15
S 16	21 37 33	23° 0'37	2♓ 8	18°39	18°47	9°38	21°12	6° 5	0°56	16°35	17°40	19°19	17°57	4°26	0°55	S 16
S 17	21 41 29	23°58'22	17° 9	20°40	20° 1	9°45	21°22	6° 5	1° 0	16°34	17°42	19°10	17°54	4°33	0°56	S 17
M18	21 45 26	24°56'09	1♈49	22°40	21°15	9°52	21°31	6°R 5	1° 3	16°33	17°44	19° 1	17°51	4°39	0°58	M18
T 19	21 49 23	25°53'57	16° 3	24°40	22°30	9°57	21°41	6° 5	1° 7	16°32	17°46	18°54	17°47	4°46	1° 0	T 19
W20	21 53 19	26°51'47	29°47	26°39	23°44	10° 2	21°50	6° 5	1°10	16°31	17°48	18°48	17°44	4°53	1° 1	W20
T 21	21 57 16	27°49'39	13♉ 1	28°37	24°58	10° 6	21°59	6° 5	1°14	16°30	17°50	18°46	17°41	4°59	1° 3	T 21
F 22	22 1 12	28°47'32	25°50	0♍35	26°12	10° 9	22° 8	6° 5	1°17	16°29	17°52	18°D45	17°38	5° 6	1° 5	F 22
S 23	22 5 9	29°45'28	8♊16	2°31	27°27	10°11	22°17	6° 4	1°20	16°28	17°53	18°45	17°35	5°13	1° 7	S 23
S 24	22 9 5	0♍43'25	20°25	4°26	28°41	10°12	22°26	6° 4	1°24	16°27	17°55	18°R45	17°32	5°19	1° 9	S 24
M25	22 13 2	1°41'24	2♋23	6°19	29°56	10°R13	22°34	6° 3	1°27	16°26	17°57	18°44	17°28	5°26	1°11	M25
T 26	22 16 58	2°39'25	14°14	8°12	1♍10	10°12	22°43	6° 2	1°30	16°25	17°59	18°41	17°25	5°33	1°13	T 26
W27	22 20 55	3°37'28	26° 2	10° 3	2°24	10°11	22°51	6° 1	1°34	16°24	18° 1	18°36	17°22	5°39	1°16	W27
T 28	22 24 52	4°35'33	7♌51	11°53	3°39	10° 9	23° 0	6° 0	1°37	16°23	18° 3	18°28	17°19	5°46	1°18	T 28
F 29	22 28 48	5°33'39	19°44	13°42	4°53	10° 6	23° 8	5°59	1°40	16°22	18° 4	18°17	17°16	5°53	1°21	F 29
S 30	22 32 45	6°31'47	1♍43	15°30	6° 8	10° 2	23°16	5°58	1°43	16°21	18° 6	18° 5	17°12	5°59	1°24	S 30
S 31	22 36 41	7♍29'57	13♍48	17♍16	7♍22	9♈57	23♊24	5♉57	1♌46	16♈19	18♌ 8	17♊51	17♊ 9	6♌ 6	1♐26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 8	21n19	3n57	21n28	0s25	20n55	0n48	1s43	4s38	22n26	0s33	11n 8	2s30	20n42	0n32	5n 3	1s40	24n 5	8n50	23n 8	23n 0	23n 3	15s46	4n41
S 2	17 53	18 14	4 32	21 27	0 12	20 41	0 50	1 38	4 40	22 27	0 33	11 8	2 30	20 41	0 32	5 2	1 40	24 5	8 50	23 8	23 0	23 3	15 46	4 41
S 3	17 38	14 22	4 55	21 24	0n 1	20 26	0 52	1 33	4 42	22 28	0 33	11 8	2 31	20 40	0 32	5 2	1 40	24 4	8 50	23 7	22 59	23 2	15 46	4 40
M 4	17 22	9 55	5 6	21 18	0 14	20 10	0 54	1 28	4 44	22 29	0 33	11 8	2 31	20 40	0 32	5 2	1 40	24 4	8 50	23 6	22 59	23 1	15 46	4 40
T 5	17 6	5 2	5 2	21 10	0 26	19 54	0 56	1 23	4 45	22 30	0 33	11 9	2 31	20 39	0 32	5 2	1 40	24 3	8 50	23 6	22 59	23 0	15 47	4 40
W 6	16 50	0s 6	4 45	21 0	0 37	19 38	0 58	1 19	4 47	22 31	0 33	11 9	2 31	20 38	0 32	5 2	1 40	24 3	8 50	23 5	22 59	22 59	15 47	4 40
T 7	16 33	5 21	4 14	20 46	0 47	19 20	0 59	1 15	4 49	22 32	0 33	11 9	2 32	20 37	0 32	5 1	1 40	24 2	8 50	23 5	22 58	22 58	15 47	4 39
F 8	16 16	10 30	3 29	20 30	0 57	19 3	1 1	1 11	4 50	22 33	0 33	11 9	2 32	20 37	0 32	5 1	1 41	24 2	8 50	23 5	22 58	22 57	15 48	4 39
S 9	15 59	15 18	2 33	20 12	1 6	18 44	1 3	1 7	4 52	22 34	0 33	11 9	2 32	20 36	0 32	5 1	1 41	24 1	8 50	23 5	22 58	22 56	15 48	4 39
S 10	15 42	19 29	1 26	19 50	1 13	18 26	1 4	1 4	4 54	22 34	0 33	11 9	2 32	20 35	0 32	5 0	1 41	24 1	8 50	23 5	22 58	22 55	15 49	4 38
M11	15 24	22 41	0 12	19 27	1 20	18 6	1 6	1 1	4 55	22 35	0 33	11 9	2 33	20 34	0 32	5 0	1 41	24 0	8 50	23 5	22 57	22 54	15 49	4 38
T 12	15 6	24 32	1s 4	19 0	1 27	17 46	1 7	0 58	4 57	22 36	0 33	11 9	2 33	20 34	0 32	5 0	1 41	24 0	8 50	23 5	22 57	22 53	15 49	4 38
W13	14 48	24 44	2 19	18 32	1 32	17 26	1 9	0 55	4 58	22 37	0 33	11 9	2 33	20 33	0 32	5 0	1 41	23 59	8 50	23 5	22 57	22 52	15 50	4 38
T 14	14 30	23 8	3 24	18 1	1 36	17 5	1 10	0 53	5 0	22 37	0 33	11 9	2 33	20 32	0 32	4 59	1 41	23 58	8 50	23 4	22 56	22 51	15 50	4 37
F 15	14 11	19 51	4 16	17 28	1 40	16 44	1 11	0 51	5 1	22 38	0 33	11 9	2 34	20 31	0 32	4 59	1 41	23 58	8 50	23 4	22 56	22 50	15 51	4 37
S 16	13 52	15 14	4 50	16 53	1 42	16 22	1 13	0 49	5 2	22 39	0 33	11 9	2 34	20 31	0 32	4 58	1 41	23 57	8 51	23 3	22 56	22 49	15 51	4 37
S 17	13 33	9 44	5 3	16 17	1 44	16 0	1 14	0 47	5 4	22 39	0 33	11 9	2 34	20 30	0 32	4 58	1 41	23 57	8 51	23 2	22 56	22 48	15 52	4 37
M18	13 14	3 48	4 56	15 39	1 46	15 37	1 15	0 46	5 5	22 40	0 33	11 9	2 34	20 29	0 32	4 58	1 41	23 56	8 51	23 1	22 55	22 46	15 53	4 36
T 19	12 54	2n10	4 30	14 59	1 46	15 14	1 16	0 45	5 6	22 41	0 33	11 8	2 35	20 28	0 32	4 57	1 41	23 56	8 51	23 1	22 55	22 45	15 53	4 36
W20	12 35	7 50	3 50	14 18	1 46	14 51	1 17	0 44	5 7	22 41	0 33	11 8	2 35	20 28	0 32	4 57	1 41	23 55	8 51	23 0	22 55	22 44	15 54	4 36
T 21	12 15	12 57	2 58	13 37	1 45	14 27	1 18	0 43	5 8	22 42	0 32	11 8	2 35	20 27	0 32	4 57	1 41	23 55	8 51	23 0	22 54	22 43	15 54	4 36
F 22	11 55	17 19	1 59	12 54	1 44	14 2	1 19	0 43	5 9	22 42	0 32	11 7	2 35	20 26	0 33	4 56	1 41	23 54	8 51	23 0	22 54	22 42	15 55	4 35
S 23	11 35	20 48	0 55	12 10	1 41	13 38	1 20	0 43	5 10	22 43	0 32	11 7	2 36	20 25	0 33	4 56	1 41	23 54	8 51	23 0	22 54	22 41	15 56	4 35
S 24	11 14	23 17	0n 9	11 26	1 39	13 12	1 20	0 43	5 11	22 43	0 32	11 7	2 36	20 25	0 33	4 55	1 41	23 54	8 51	23 0	22 54	22 40	15 56	4 35
M25	10 53	24 39	1 12	10 41	1 36	12 47	1 21	0 44	5 12	22 44	0 32	11 6	2 36	20 24	0 33	4 55	1 41	23 53	8 52	23 0	22 53	22 39	15 57	4 34
T 26	10 33	24 53	2 11	9 56	1 32	12 21	1 22	0 44	5 12	22 44	0 32	11 6	2 36	20 23	0 33	4 54	1 41	23 53	8 52	23 0	22 53	22 38	15 58	4 34
W27	10 12	23 59	3 4	9 10	1 28	11 55	1 22	0 45	5 13	22 45	0 32	11 5	2 37	20 23	0 33	4 54	1 41	23 52	8 52	22 59	22 53	22 37	15 58	4 34
T 28	9 51	22 1	3 49	8 25	1 24	11 28	1 23	0 47	5 13	22 45	0 32	11 5	2 37	20 22	0 33	4 53	1 42	23 52	8 52	22 59	22 52	22 36	15 59	4 34
F 29	9 29	19 6	4 24	7 38	1 19	11 2	1 23	0 48	5 13	22 46	0 32	11 4	2 37	20 21	0 33	4 53	1 42	23 51	8 52	22 58	22 52	22 35	16 0	4 33
S 30	9 8	15 22	4 48	6 52	1 14	10 34	1 24	0 50	5 14	22 46	0 32	11 3	2 37	20 20	0 33	4 52	1 42	23 51	8 52	22 57	22 52	22 33	16 1	4 33
S 31	8n46	10n59	4n59	6n 6	1n 9	10n 7	1n24	0s52	5s14	22n47	0s32	11n 3	2s38	20n20	0n33	4n52	1s42	23n50	8n52	22n55	22n51	22n32	16s 2	4n33

Julian Day Number = 2343645.5, Delta T = 12.84 sec
Ecliptic obliquity = 23°28'41, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°36'59, Lahiri = 19°43'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

SEPTEMBER 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 40 38	8♍28'08	26♍ 3	19♍ 1	8♍37	9°R51	23♊32	5°R56	1♌50	16°R18	18♌10	17°R37	17♊ 6	6♌13	1♐29	M 1
T 2	22 44 34	9°26'22	8♎26	20°45	9°51	9♈45	23°39	5♉54	1°53	16♈17	18°12	17♊25	17° 3	6°20	1°32	T 2
W 3	22 48 31	10°24'36	20°59	22°28	11° 6	9°37	23°47	5°52	1°56	16°16	18°13	17°15	17° 0	6°26	1°35	W 3
T 4	22 52 27	11°22'53	3♏43	24°10	12°20	9°29	23°54	5°51	1°59	16°14	18°15	17° 8	16°57	6°33	1°38	T 4
F 5	22 56 24	12°21'11	16°40	25°50	13°35	9°20	24° 1	5°49	2° 2	16°13	18°17	17° 4	16°53	6°40	1°41	F 5
S 6	23 0 20	13°19'30	29°52	27°29	14°50	9°11	24° 8	5°47	2° 5	16°12	18°19	17° 2	16°50	6°46	1°45	S 6
S 7	23 4 17	14°17'51	13♐22	29° 8	16° 4	9° 0	24°15	5°45	2° 8	16°10	18°20	17° 2	16°47	6°53	1°48	S 7
M 8	23 8 14	15°16'14	27°11	0♑45	17°19	8°49	24°22	5°43	2°11	16° 9	18°22	17° 2	16°44	7° 0	1°51	M 8
T 9	23 12 10	16°14'38	11♑20	2°21	18°33	8°37	24°28	5°41	2°14	16° 8	18°24	17° 1	16°41	7° 6	1°55	T 9
W10	23 16 7	17°13'04	25°50	3°55	19°48	8°25	24°35	5°38	2°17	16° 6	18°26	16°57	16°37	7°13	1°59	W10
T 11	23 20 3	18°11'32	10♒36	5°29	21° 3	8°12	24°41	5°36	2°19	16° 5	18°27	16°52	16°34	7°20	2° 2	T 11
F 12	23 24 0	19°10'01	25°33	7° 2	22°17	7°58	24°47	5°34	2°22	16° 3	18°29	16°43	16°31	7°26	2° 6	F 12
S 13	23 27 56	20° 8'32	10♓32	8°34	23°32	7°44	24°53	5°31	2°25	16° 2	18°31	16°32	16°28	7°33	2°10	S 13
S 14	23 31 53	21° 7'04	25°24	10° 4	24°47	7°29	24°59	5°28	2°28	16° 0	18°32	16°21	16°25	7°40	2°14	S 14
M15	23 35 49	22° 5'39	10♈ 0	11°34	26° 1	7°14	25° 4	5°26	2°30	15°59	18°34	16°10	16°22	7°47	2°18	M15
T 16	23 39 46	23° 4'16	24°14	13° 2	27°16	6°58	25°10	5°23	2°33	15°57	18°35	16° 1	16°18	7°53	2°22	T 16
W17	23 43 43	24° 2'54	8♉ 0	14°29	28°31	6°41	25°15	5°20	2°36	15°56	18°37	15°54	16°15	8° 0	2°26	W17
T 18	23 47 39	25° 1'36	21°18	15°56	29°45	6°25	25°20	5°17	2°38	15°54	18°39	15°49	16°12	8° 7	2°30	T 18
F 19	23 51 36	26° 0'19	4♊ 9	17°21	1♎ 0	6° 8	25°25	5°14	2°41	15°53	18°40	15°47	16° 9	8°13	2°35	F 19
S 20	23 55 32	26°59'05	16°38	18°45	2°15	5°50	25°30	5°11	2°43	15°51	18°42	15°D47	16° 6	8°20	2°39	S 20
S 21	23 59 29	27°57'52	28°49	20° 8	3°30	5°33	25°35	5° 7	2°46	15°50	18°43	15°R47	16° 3	8°27	2°44	S 21
M22	0 3 25	28°56'43	10♋47	21°30	4°44	5°15	25°39	5° 4	2°48	15°48	18°45	15°47	15°59	8°33	2°48	M22
T 23	0 7 22	29°55'35	22°39	22°50	5°59	4°57	25°43	5° 1	2°51	15°47	18°46	15°44	15°56	8°40	2°53	T 23
W24	0 11 18	0♎54'30	4♌28	24° 9	7°14	4°39	25°47	4°57	2°53	15°45	18°48	15°40	15°53	8°47	2°58	W24
T 25	0 15 15	1°53'27	16°19	25°27	8°29	4°21	25°51	4°54	2°55	15°43	18°49	15°33	15°50	8°53	3° 2	T 25
F 26	0 19 12	2°52'26	28°17	26°44	9°44	4° 3	25°55	4°50	2°58	15°42	18°51	15°23	15°47	9° 0	3° 7	F 26
S 27	0 23 8	3°51'27	10♍23	27°59	10°58	3°45	25°59	4°46	3° 0	15°40	18°52	15°11	15°43	9° 7	3°12	S 27
S 28	0 27 5	4°50'30	22°39	29°13	12°13	3°26	26° 2	4°42	3° 2	15°39	18°54	14°58	15°40	9°14	3°17	S 28
M29	0 31 1	5°49'36	5♎ 7	0♏25	13°28	3° 9	26° 5	4°39	3° 4	15°37	18°55	14°46	15°37	9°20	3°22	M29
T 30	0 34 58	6♎48'43	17♎47	1♏35	14♎43	2♈51	26♊ 8	4♉35	3♌ 6	15♈35	18♌56	14♊34	15♊34	9♌27	3♐27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n24	6n 7	4n57	5n19	1n 3	9n39	1n24	0s54	5s14	22n47	0s32	11n 2	2s38	20n19	0n33	4n51	1s42	23n50	8n53	22n54	22n51	22n31	16s 2	4n33
T 2	8 3	0 57	4 40	4 33	0 57	9 11	1 25	0 57	5 14	22 47	0 32	11 1	2 38	20 18	0 33	4 51	1 42	23 50	8 53	22 53	22 51	22 30	16 3	4 32
W 3	7 41	4s20	4 10	3 47	0 51	8 43	1 25	0 59	5 13	22 48	0 32	11 1	2 38	20 18	0 33	4 50	1 42	23 49	8 53	22 52	22 50	22 29	16 4	4 32
T 4	7 18	9 31	3 27	3 0	0 45	8 15	1 25	1 2	5 13	22 48	0 32	11 0	2 39	20 17	0 33	4 50	1 42	23 49	8 53	22 51	22 50	22 28	16 5	4 32
F 5	6 56	14 24	2 33	2 15	0 38	7 46	1 25	1 5	5 13	22 48	0 32	10 59	2 39	20 16	0 33	4 49	1 42	23 48	8 53	22 51	22 50	22 27	16 6	4 32
S 6	6 34	18 42	1 29	1 29	0 31	7 17	1 25	1 8	5 12	22 49	0 32	10 58	2 39	20 16	0 33	4 49	1 42	23 48	8 53	22 51	22 50	22 25	16 7	4 31
S 7	6 11	22 7	0 19	0 43	0 24	6 48	1 25	1 12	5 11	22 49	0 32	10 57	2 39	20 15	0 33	4 48	1 42	23 48	8 54	22 51	22 49	22 24	16 8	4 31
M 8	5 49	24 20	0s53	0s 2	0 17	6 19	1 24	1 15	5 11	22 49	0 32	10 57	2 39	20 14	0 33	4 48	1 42	23 47	8 54	22 51	22 49	22 23	16 8	4 31
T 9	5 26	25 4	2 5	0 47	0 10	5 49	1 24	1 19	5 10	22 50	0 32	10 56	2 40	20 14	0 33	4 47	1 42	23 47	8 54	22 51	22 49	22 22	16 9	4 31
W10	5 3	24 7	3 9	1 31	0 3	5 20	1 24	1 23	5 8	22 50	0 32	10 55	2 40	20 13	0 33	4 47	1 42	23 46	8 54	22 50	22 48	22 21	16 10	4 30
T 11	4 41	21 30	4 3	2 15	0s 5	4 50	1 23	1 27	5 7	22 50	0 32	10 54	2 40	20 13	0 33	4 46	1 42	23 46	8 54	22 50	22 48	22 19	16 11	4 30
F 12	4 18	17 25	4 40	2 59	0 12	4 20	1 23	1 31	5 6	22 50	0 32	10 53	2 40	20 12	0 33	4 45	1 42	23 46	8 54	22 49	22 48	22 18	16 12	4 30
S 13	3 55	12 14	4 59	3 42	0 20	3 50	1 23	1 35	5 4	22 51	0 32	10 52	2 40	20 11	0 33	4 45	1 42	23 45	8 55	22 48	22 47	22 17	16 13	4 30
S 14	3 32	6 22	4 57	4 25	0 27	3 20	1 22	1 39	5 2	22 51	0 32	10 51	2 41	20 11	0 33	4 44	1 42	23 45	8 55	22 47	22 47	22 16	16 14	4 30
M15	3 8	0 15	4 35	5 7	0 35	2 50	1 21	1 44	5 1	22 51	0 32	10 49	2 41	20 10	0 33	4 44	1 42	23 45	8 55	22 46	22 47	22 15	16 15	4 29
T 16	2 45	5n44	3 57	5 49	0 43	2 19	1 21	1 48	4 58	22 51	0 32	10 48	2 41	20 10	0 33	4 43	1 42	23 44	8 55	22 45	22 46	22 13	16 16	4 29
W17	2 22	11 16	3 6	6 30	0 50	1 49	1 20	1 53	4 56	22 51	0 32	10 47	2 41	20 9	0 33	4 42	1 42	23 44	8 56	22 44	22 46	22 12	16 17	4 29
T 18	1 59	16 5	2 6	7 10	0 58	1 18	1 19	1 57	4 54	22 52	0 32	10 46	2 41	20 8	0 33	4 42	1 42	23 44	8 56	22 43	22 46	22 11	16 18	4 29
F 19	1 35	20 1	1 1	7 50	1 6	0 48	1 18	2 1	4 52	22 52	0 32	10 45	2 42	20 8	0 33	4 41	1 42	23 43	8 56	22 43	22 45	22 10	16 19	4 28
S 20	1 12	22 53	0n 5	8 29	1 13	0 17	1 17	2 6	4 49	22 52	0 32	10 44	2 42	20 7	0 33	4 41	1 42	23 43	8 56	22 43	22 45	22 8	16 20	4 28
S 21	0 49	24 37	1 9	9 8	1 21	0s14	1 16	2 10	4 46	22 52	0 32	10 42	2 42	20 7	0 33	4 40	1 42	23 43	8 56	22 43	22 45	22 7	16 21	4 28
M22	0 25	25 10	2 8	9 46	1 28	0 44	1 15	2 15	4 43	22 52	0 32	10 41	2 42	20 6	0 33	4 39	1 42	23 43	8 57	22 43	22 44	22 6	16 22	4 28
T 23	0 2	24 34	3 2	10 23	1 36	1 15	1 14	2 19	4 40	22 52	0 32	10 40	2 42	20 6	0 33	4 39	1 42	23 42	8 57	22 43	22 44	22 5	16 24	4 28
W24	0s22	22 52	3 48	10 59	1 43	1 46	1 13	2 23	4 37	22 53	0 32	10 39	2 42	20 5	0 33	4 38	1 42	23 42	8 57	22 42	22 44	22 3	16 25	4 27
T 25	0 45	20 10	4 24	11 35	1 51	2 16	1 12	2 28	4 34	22 53	0 32	10 37	2 43	20 5	0 33	4 37	1 42	23 42	8 57	22 42	22 43	22 2	16 26	4 27
F 26	1 9	16 36	4 48	12 9	1 58	2 47	1 10	2 32	4 31	22 53	0 32	10 36	2 43	20 4	0 33	4 37	1 42	23 42	8 58	22 41	22 43	22 1	16 27	4 27
S 27	1 32	12 19	5 0	12 43	2 5	3 17	1 9	2 36	4 27	22 53	0 32	10 34	2 43	20 4	0 33	4 36	1 42	23 41	8 58	22 39	22 43	21 59	16 28	4 27
S 28	1 56	7 29	4 59	13 16	2 12	3 48	1 8	2 40	4 23	22 53	0 32	10 33	2 43	20 3	0 34	4 35	1 42	23 41	8 58	22 38	22 42	21 58	16 29	4 27
M29	2 19	2 17	4 43	13 48	2 18	4 19	1 6	2 43	4 20	22 53	0 32	10 32	2 43	20 3	0 34	4 35	1 42	23 41	8 58	22 36	22 42	21 57	16 30	4 26
T 30	2s43	3s 5	4n13	14s18	2s25	4s49	1n 5	2s47	4s16	22n53	0s32	10n30	2s43	20n 2	0n34	4n34	1s42	23n41	8n59	22n35	22n42	21n55	16s31	4n26

Julian Day Number = 2343676.5, Delta T = 12.82 sec
Ecliptic obliquity = 23°28'42, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'03, Lahiri = 19°44'04Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1704
geocentric

OCTOBER 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 54	7♎47'53	0♏38	2♏44	15♎58	2°R33	26♊11	4°R31	3♌ 8	15°R34	18♌58	14°R25	15♊31	9♌34	3♐32	W 1
T 2	0 42 51	8°47'04	13°40	3°50	17°13	2♈16	26°14	4♉27	3°10	15♈32	18°59	14♊18	15°28	9°40	3°38	T 2
F 3	0 46 47	9°46'18	26°53	4°54	18°27	1°59	26°16	4°23	3°12	15°30	19° 0	14°15	15°24	9°47	3°43	F 3
S 4	0 50 44	10°45'33	10♐18	5°56	19°42	1°43	26°18	4°18	3°14	15°29	19° 2	14°D13	15°21	9°54	3°48	S 4
S 5	0 54 40	11°44'51	23°54	6°56	20°57	1°27	26°20	4°14	3°16	15°27	19° 3	14°14	15°18	10° 0	3°54	S 5
M 6	0 58 37	12°44'10	7♑43	7°53	22°12	1°11	26°22	4°10	3°18	15°25	19° 4	14°R14	15°15	10° 7	3°59	M 6
T 7	1 2 34	13°43'30	21°45	8°46	23°27	0°56	26°24	4° 6	3°20	15°24	19° 5	14°14	15°12	10°14	4° 5	T 7
W 8	1 6 30	14°42'53	6♒ 0	9°37	24°42	0°42	26°25	4° 1	3°21	15°22	19° 7	14°12	15° 9	10°21	4°11	W 8
T 9	1 10 27	15°42'17	20°25	10°23	25°57	0°28	26°26	3°57	3°23	15°20	19° 8	14° 8	15° 5	10°27	4°16	T 9
F 10	1 14 23	16°41'43	4♓57	11° 6	27°11	0°15	26°27	3°52	3°25	15°19	19° 9	14° 1	15° 2	10°34	4°22	F 10
S 11	1 18 20	17°41'11	19°31	11°45	28°26	0° 2	26°28	3°48	3°26	15°17	19°10	13°53	14°59	10°41	4°28	S 11
S 12	1 22 16	18°40'40	4♈ 0	12°18	29°41	29♓50	26°29	3°43	3°28	15°15	19°11	13°44	14°56	10°47	4°34	S 12
M13	1 26 13	19°40'12	18°18	12°47	0♏56	29°39	26°29	3°39	3°29	15°14	19°12	13°35	14°53	10°54	4°40	M13
T 14	1 30 9	20°39'45	2♉17	13° 9	2°11	29°28	26°29	3°34	3°31	15°12	19°13	13°28	14°49	11° 1	4°46	T 14
W15	1 34 6	21°39'21	15°55	13°25	3°26	29°18	26°R30	3°29	3°32	15°10	19°14	13°22	14°46	11° 7	4°52	W15
T 16	1 38 3	22°38'59	29°10	13°35	4°41	29° 9	26°29	3°25	3°34	15° 9	19°15	13°19	14°43	11°14	4°58	T 16
F 17	1 41 59	23°38'39	12♊ 1	13°R37	5°55	29° 0	26°29	3°20	3°35	15° 7	19°16	13°D18	14°40	11°21	5° 4	F 17
S 18	1 45 56	24°38'22	24°32	13°31	7°10	28°53	26°28	3°15	3°36	15° 5	19°17	13°19	14°37	11°27	5°10	S 18
S 19	1 49 52	25°38'06	6♋45	13°17	8°25	28°46	26°28	3°11	3°37	15° 4	19°18	13°20	14°34	11°34	5°16	S 19
M20	1 53 49	26°37'53	18°46	12°54	9°40	28°39	26°27	3° 6	3°38	15° 2	19°19	13°21	14°30	11°41	5°22	M20
T 21	1 57 45	27°37'42	0♌39	12°22	10°55	28°34	26°26	3° 1	3°39	15° 0	19°20	13°R21	14°27	11°48	5°29	T 21
W22	2 1 42	28°37'34	12°29	11°40	12°10	28°29	26°24	2°56	3°40	14°59	19°21	13°20	14°24	11°54	5°35	W22
T 23	2 5 38	29°37'27	24°23	10°50	13°25	28°26	26°23	2°51	3°41	14°57	19°22	13°17	14°21	12° 1	5°42	T 23
F 24	2 9 35	0♏37'23	6♍23	9°52	14°40	28°23	26°21	2°47	3°42	14°55	19°23	13°12	14°18	12° 8	5°48	F 24
S 25	2 13 32	1°37'21	18°34	8°47	15°54	28°20	26°19	2°42	3°43	14°54	19°23	13° 6	14°14	12°14	5°54	S 25
S 26	2 17 28	2°37'20	0♎59	7°35	17° 9	28°19	26°17	2°37	3°44	14°52	19°24	12°58	14°11	12°21	6° 1	S 26
M27	2 21 25	3°37'22	13°39	6°19	18°24	28°D18	26°14	2°32	3°45	14°51	19°25	12°51	14° 8	12°28	6° 8	M27
T 28	2 25 21	4°37'26	26°36	5° 2	19°39	28°19	26°12	2°27	3°45	14°49	19°26	12°44	14° 5	12°35	6°14	T 28
W29	2 29 18	5°37'32	9♏47	3°44	20°54	28°20	26° 9	2°22	3°46	14°48	19°26	12°39	14° 2	12°41	6°21	W29
T 30	2 33 14	6°37'40	23°13	2°30	22° 9	28°21	26° 6	2°18	3°47	14°46	19°27	12°35	13°59	12°48	6°27	T 30
F 31	2 37 11	7♏37'50	6♐51	1♏20	23♏24	28♓24	26♊ 3	2♉13	3♌47	14♈45	19♌28	12°D34	13♊55	12♌55	6♐34	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 6	8s26	3n30	14s48	2s31	5s19	1n 3	2s50	4s12	22n53	0s32	10n29	2s43	20n 2	0n34	4n34	1s42	23n41	8n59	22n34	22n41	21n54	16s32	4n26
T 2	3 29	13 30	2 35	15 17	2 37	5 49	1 1	2 53	4 8	22 54	0 32	10 27	2 44	20 2	0 34	4 33	1 42	23 40	8 59	22 33	22 41	21 53	16 33	4 26
F 3	3 53	18 1	1 31	15 44	2 43	6 19	1 0	2 56	4 4	22 54	0 32	10 26	2 44	20 1	0 34	4 32	1 43	23 40	8 59	22 33	22 41	21 51	16 35	4 26
S 4	4 16	21 41	0 21	16 10	2 48	6 49	0 58	2 59	4 0	22 54	0 32	10 24	2 44	20 1	0 34	4 32	1 43	23 40	9 0	22 33	22 40	21 50	16 36	4 26
S 5	4 39	24 12	0s51	16 35	2 53	7 19	0 56	3 1	3 55	22 54	0 32	10 23	2 44	20 0	0 34	4 31	1 43	23 40	9 0	22 33	22 40	21 49	16 37	4 26
M 6	5 2	25 17	2 2	16 58	2 58	7 49	0 54	3 3	3 51	22 54	0 32	10 21	2 44	20 0	0 34	4 30	1 43	23 40	9 0	22 33	22 40	21 47	16 38	4 25
T 7	5 25	24 47	3 6	17 19	3 2	8 18	0 53	3 5	3 47	22 54	0 32	10 20	2 44	20 0	0 34	4 30	1 43	23 40	9 1	22 33	22 39	21 46	16 39	4 25
W 8	5 48	22 41	4 0	17 39	3 6	8 48	0 51	3 7	3 42	22 54	0 32	10 18	2 44	19 59	0 34	4 29	1 43	23 39	9 1	22 32	22 39	21 45	16 40	4 25
T 9	6 11	19 7	4 39	17 57	3 9	9 17	0 49	3 9	3 38	22 54	0 32	10 17	2 44	19 59	0 34	4 28	1 43	23 39	9 1	22 32	22 39	21 43	16 42	4 25
F 10	6 34	14 23	5 1	18 13	3 12	9 46	0 47	3 10	3 33	22 54	0 32	10 15	2 44	19 58	0 34	4 28	1 43	23 39	9 1	22 31	22 38	21 42	16 43	4 25
S 11	6 57	8 48	5 3	18 27	3 14	10 14	0 45	3 11	3 29	22 54	0 32	10 14	2 44	19 58	0 34	4 27	1 43	23 39	9 2	22 30	22 38	21 41	16 44	4 25
S 12	7 20	2 47	4 46	18 38	3 15	10 43	0 43	3 11	3 24	22 54	0 32	10 12	2 44	19 58	0 34	4 26	1 43	23 39	9 2	22 29	22 38	21 39	16 45	4 25
M13	7 42	3n18	4 11	18 48	3 15	11 11	0 41	3 12	3 20	22 54	0 32	10 10	2 44	19 57	0 34	4 26	1 43	23 39	9 2	22 28	22 37	21 38	16 46	4 24
T 14	8 5	9 8	3 22	18 54	3 14	11 39	0 39	3 12	3 15	22 54	0 32	10 9	2 45	19 57	0 34	4 25	1 43	23 39	9 3	22 27	22 37	21 36	16 47	4 24
W15	8 27	14 22	2 22	18 57	3 13	12 7	0 36	3 11	3 10	22 54	0 32	10 7	2 45	19 57	0 34	4 24	1 43	23 39	9 3	22 27	22 36	21 35	16 48	4 24
T 16	8 50	18 47	1 15	18 58	3 10	12 34	0 34	3 11	3 6	22 54	0 32	10 6	2 45	19 57	0 34	4 24	1 43	23 39	9 3	22 26	22 36	21 34	16 50	4 24
F 17	9 12	22 9	0 7	18 54	3 6	13 1	0 32	3 10	3 1	22 54	0 32	10 4	2 45	19 56	0 34	4 23	1 43	23 39	9 3	22 26	22 36	21 32	16 51	4 24
S 18	9 34	24 22	1n 0	18 47	3 1	13 28	0 30	3 9	2 56	22 54	0 32	10 2	2 45	19 56	0 34	4 23	1 43	23 39	9 4	22 26	22 35	21 31	16 52	4 24
S 19	9 56	25 21	2 3	18 37	2 54	13 54	0 27	3 7	2 52	22 54	0 32	10 1	2 45	19 56	0 34	4 22	1 43	23 39	9 4	22 26	22 35	21 29	16 53	4 24
M20	10 17	25 8	3 0	18 21	2 45	14 20	0 25	3 6	2 47	22 54	0 32	9 59	2 45	19 56	0 34	4 21	1 43	23 39	9 4	22 26	22 35	21 28	16 54	4 24
T 21	10 39	23 45	3 48	18 2	2 35	14 46	0 23	3 4	2 43	22 54	0 31	9 57	2 45	19 55	0 34	4 21	1 43	23 39	9 5	22 26	22 34	21 26	16 55	4 24
W22	11 0	21 20	4 26	17 38	2 23	15 11	0 20	3 1	2 38	22 54	0 31	9 56	2 45	19 55	0 34	4 20	1 43	23 39	9 5	22 26	22 34	21 25	16 57	4 24
T 23	11 21	18 1	4 53	17 9	2 9	15 36	0 18	2 59	2 34	22 54	0 31	9 54	2 45	19 55	0 34	4 19	1 42	23 39	9 5	22 26	22 34	21 23	16 58	4 24
F 24	11 43	13 56	5 7	16 36	1 54	16 1	0 16	2 56	2 29	22 54	0 31	9 53	2 45	19 55	0 34	4 19	1 42	23 39	9 6	22 25	22 33	21 22	16 59	4 24
S 25	12 3	9 15	5 8	15 59	1 37	16 25	0 13	2 53	2 25	22 54	0 31	9 51	2 45	19 55	0 34	4 18	1 42	23 39	9 6	22 24	22 33	21 21	17 0	4 23
S 26	12 24	4 6	4 54	15 18	1 18	16 49	0 11	2 49	2 20	22 54	0 31	9 49	2 45	19 55	0 35	4 18	1 42	23 39	9 6	22 24	22 32	21 19	17 1	4 23
M27	12 45	1s19	4 26	14 34	0 59	17 12	0 8	2 45	2 16	22 54	0 31	9 48	2 45	19 54	0 35	4 17	1 42	23 39	9 7	22 23	22 32	21 18	17 2	4 23
T 28	13 5	6 48	3 44	13 49	0 38	17 35	0 6	2 41	2 12	22 54	0 31	9 46	2 45	19 54	0 35	4 16	1 42	23 39	9 7	22 22	22 32	21 16	17 4	4 23
W29	13 25	12 6	2 49	13 4	0 18	17 58	0 3	2 37	2 8	22 54	0 31	9 44	2 45	19 54	0 35	4 16	1 42	23 39	9 7	22 21	22 31	21 15	17 5	4 23
T 30	13 45	16 56	1 43	12 19	0n 3	18 19	0 1	2 32	2 3	22 54	0 31	9 43	2 45	19 54	0 35	4 15	1 42	23 39	9 8	22 21	22 31	21 13	17 6	4 23
F 31	14s 5	20s59	0n31	11s36	0n23	18s41	0s 2	2s28	1s59	22n54	0s31	9n41	2s44	19n54	0n35	4n15	1s42	23n39	9n 8	22n20	22n31	21n12	17s 7	4n23

Julian Day Number = 2343706.5, Delta T = 12.80 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'07, Lahiri = 19°44'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

NOVEMBER 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 7	8♏38'01	20♐38	0°R18	24♏39	28♓27	26°R 0	2°R 8	3♌48	14°R43	19♌28	12♊34	13♊52	13♌ 1	6♐41	S 1
S 2	2 45 4	9°38'14	4♑34	29♎25	25°54	28°31	25♊56	2♉ 3	3°48	14♈42	19°29	12°35	13°49	13° 8	6°48	S 2
M 3	2 49 1	10°38'29	18°36	28°43	27° 9	28°36	25°52	1°59	3°48	14°40	19°29	12°37	13°46	13°15	6°55	M 3
T 4	2 52 57	11°38'45	2♒43	28°11	28°23	28°42	25°48	1°54	3°49	14°39	19°30	12°38	13°43	13°21	7° 1	T 4
W 5	2 56 54	12°39'02	16°53	27°51	29°38	28°48	25°44	1°49	3°49	14°37	19°30	12°R38	13°40	13°28	7° 8	W 5
T 6	3 0 50	13°39'21	1♓ 4	27°D43	0♐53	28°56	25°40	1°44	3°49	14°36	19°31	12°37	13°36	13°35	7°15	T 6
F 7	3 4 47	14°39'41	15°15	27°46	2° 8	29° 4	25°36	1°40	3°49	14°34	19°31	12°35	13°33	13°42	7°22	F 7
S 8	3 8 43	15°40'03	29°22	28° 0	3°23	29°12	25°31	1°35	3°49	14°33	19°32	12°31	13°30	13°48	7°29	S 8
S 9	3 12 40	16°40'26	13♈21	28°24	4°38	29°21	25°26	1°31	3°R49	14°32	19°32	12°27	13°27	13°55	7°36	S 9
M10	3 16 36	17°40'50	27°11	28°57	5°53	29°31	25°21	1°26	3°49	14°30	19°32	12°23	13°24	14° 2	7°43	M10
T 11	3 20 33	18°41'16	10♉46	29°38	7° 7	29°42	25°16	1°22	3°49	14°29	19°33	12°20	13°20	14° 8	7°50	T 11
W12	3 24 30	19°41'44	24° 5	0♏27	8°22	29°53	25°11	1°17	3°49	14°28	19°33	12°18	13°17	14°15	7°57	W12
T 13	3 28 26	20°42'13	7♊ 7	1°22	9°37	0♈ 5	25° 5	1°13	3°49	14°26	19°33	12°D17	13°14	14°22	8° 4	T 13
F 14	3 32 23	21°42'44	19°51	2°23	10°52	0°18	25° 0	1° 8	3°49	14°25	19°33	12°17	13°11	14°28	8°11	F 14
S 15	3 36 19	22°43'17	2♋18	3°28	12° 7	0°31	24°54	1° 4	3°49	14°24	19°34	12°18	13° 8	14°35	8°18	S 15
S 16	3 40 16	23°43'52	14°31	4°38	13°22	0°45	24°48	1° 0	3°48	14°23	19°34	12°19	13° 5	14°42	8°26	S 16
M17	3 44 12	24°44'28	26°32	5°52	14°37	0°59	24°42	0°56	3°48	14°21	19°34	12°21	13° 1	14°49	8°33	M17
T 18	3 48 9	25°45'05	8♌26	7° 8	15°51	1°14	24°36	0°51	3°47	14°20	19°34	12°22	12°58	14°55	8°40	T 18
W19	3 52 5	26°45'45	20°18	8°28	17° 6	1°30	24°29	0°47	3°47	14°19	19°34	12°23	12°55	15° 2	8°47	W19
T 20	3 56 2	27°46'26	2♍11	9°49	18°21	1°46	24°23	0°43	3°46	14°18	19°34	12°R23	12°52	15° 9	8°54	T 20
F 21	3 59 59	28°47'09	14°11	11°13	19°36	2° 2	24°16	0°39	3°46	14°17	19°R34	12°23	12°49	15°15	9° 1	F 21
S 22	4 3 55	29°47'53	26°23	12°38	20°51	2°19	24° 9	0°35	3°45	14°16	19°34	12°21	12°46	15°22	9° 9	S 22
S 23	4 7 52	0♐48'39	8♎50	14° 4	22° 5	2°37	24° 2	0°32	3°44	14°15	19°34	12°20	12°42	15°29	9°16	S 23
M24	4 11 48	1°49'26	21°36	15°32	23°20	2°55	23°55	0°28	3°43	14°14	19°34	12°18	12°39	15°36	9°23	M24
T 25	4 15 45	2°50'15	4♏42	17° 1	24°35	3°14	23°48	0°24	3°43	14°13	19°34	12°17	12°36	15°42	9°30	T 25
W26	4 19 41	3°51'05	18° 9	18°30	25°50	3°33	23°41	0°20	3°42	14°12	19°34	12°16	12°33	15°49	9°38	W26
T 27	4 23 38	4°51'57	1♑56	20° 0	27° 5	3°53	23°34	0°17	3°41	14°11	19°34	12°15	12°30	15°56	9°45	T 27
F 28	4 27 34	5°52'50	16° 0	21°31	28°19	4°13	23°26	0°13	3°40	14°10	19°33	12°D15	12°26	16° 2	9°52	F 28
S 29	4 31 31	6°53'44	0♑16	23° 2	29°34	4°33	23°19	0°10	3°39	14° 9	19°33	12°15	12°23	16° 9	9°59	S 29
S 30	4 35 28	7♑54'39	14♑41	24♏33	0♑49	4♈54	23♊11	0♉ 7	3♌38	14♈ 8	19♌33	12♊16	12♊20	16♌16	10♐ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s24	23s53	0s44	10s56	0n42	19s 2	0s 4	2s23	1s55	22n54	0s31	9n40	2s44	19n54	0n35	4n14	1s42	23n39	9n 8	22n20	22n30	21n10	17s 8	4n23
S 2	14 43	25 21	1 57	10 21	1 0	19 22	0 7	2 17	1 51	22 54	0 31	9 38	2 44	19 54	0 35	4 14	1 42	23 40	9 9	22 21	22 30	21 9	17 9	4 23
M 3	15 2	25 14	3 4	9 51	1 16	19 42	0 9	2 12	1 47	22 54	0 31	9 37	2 44	19 54	0 35	4 13	1 42	23 40	9 9	22 21	22 29	21 7	17 10	4 23
T 4	15 21	23 29	4 0	9 26	1 30	20 2	0 12	2 6	1 43	22 54	0 31	9 35	2 44	19 54	0 35	4 13	1 42	23 40	9 9	22 21	22 29	21 5	17 11	4 23
W 5	15 40	20 17	4 42	9 8	1 43	20 21	0 14	2 0	1 39	22 54	0 31	9 33	2 44	19 54	0 35	4 12	1 42	23 40	9 10	22 21	22 29	21 4	17 13	4 23
T 6	15 58	15 53	5 7	8 55	1 54	20 39	0 17	1 53	1 36	22 54	0 31	9 32	2 44	19 54	0 35	4 11	1 42	23 40	9 10	22 21	22 28	21 2	17 14	4 23
F 7	16 16	10 37	5 13	8 48	2 2	20 57	0 20	1 47	1 32	22 54	0 31	9 30	2 44	19 54	0 35	4 11	1 42	23 40	9 10	22 20	22 28	21 1	17 15	4 23
S 8	16 33	4 50	5 0	8 46	2 9	21 14	0 22	1 40	1 28	22 54	0 31	9 29	2 44	19 54	0 35	4 10	1 42	23 41	9 11	22 20	22 27	20 59	17 16	4 23
S 9	16 51	1n 9	4 29	8 50	2 15	21 30	0 25	1 33	1 25	22 53	0 31	9 27	2 44	19 54	0 35	4 10	1 42	23 41	9 11	22 20	22 27	20 58	17 17	4 23
M10	17 8	7 1	3 43	8 58	2 18	21 46	0 27	1 26	1 21	22 53	0 31	9 26	2 44	19 54	0 35	4 9	1 42	23 41	9 11	22 19	22 27	20 56	17 18	4 23
T 11	17 25	12 28	2 45	9 10	2 21	22 1	0 30	1 18	1 17	22 53	0 30	9 25	2 43	19 54	0 35	4 9	1 42	23 41	9 12	22 19	22 26	20 55	17 19	4 23
W12	17 41	17 14	1 38	9 26	2 22	22 16	0 32	1 10	1 14	22 53	0 30	9 23	2 43	19 54	0 35	4 8	1 42	23 41	9 12	22 18	22 26	20 53	17 20	4 23
T 13	17 57	21 4	0 28	9 45	2 21	22 30	0 35	1 3	1 11	22 53	0 30	9 22	2 43	19 54	0 35	4 8	1 42	23 42	9 12	22 18	22 25	20 51	17 21	4 23
F 14	18 13	23 47	0n42	10 7	2 20	22 43	0 37	0 55	1 7	22 53	0 30	9 20	2 43	19 54	0 35	4 8	1 42	23 42	9 13	22 18	22 25	20 50	17 22	4 23
S 15	18 29	25 16	1 48	10 31	2 18	22 56	0 39	0 46	1 4	22 53	0 30	9 19	2 43	19 54	0 35	4 7	1 42	23 42	9 13	22 18	22 25	20 48	17 23	4 24
S 16	18 44	25 29	2 49	10 58	2 15	23 8	0 42	0 38	1 1	22 53	0 30	9 18	2 43	19 54	0 35	4 7	1 42	23 42	9 13	22 18	22 24	20 47	17 24	4 24
M17	18 59	24 29	3 41	11 25	2 12	23 19	0 44	0 29	0 58	22 52	0 30	9 16	2 43	19 54	0 35	4 6	1 42	23 43	9 14	22 19	22 24	20 45	17 25	4 24
T 18	19 14	22 24	4 23	11 54	2 8	23 30	0 47	0 20	0 55	22 52	0 30	9 15	2 42	19 55	0 35	4 6	1 42	23 43	9 14	22 19	22 23	20 43	17 26	4 24
W19	19 28	19 22	4 53	12 24	2 3	23 40	0 49	0 12	0 52	22 52	0 30	9 14	2 42	19 55	0 35	4 5	1 42	23 43	9 14	22 19	22 23	20 42	17 27	4 24
T 20	19 42	15 33	5 11	12 55	1 58	23 49	0 51	0 2	0 49	22 52	0 30	9 13	2 42	19 55	0 36	4 5	1 42	23 44	9 15	22 19	22 23	20 40	17 28	4 24
F 21	19 55	11 5	5 16	13 26	1 52	23 58	0 54	0n 7	0 46	22 52	0 30	9 11	2 42	19 55	0 36	4 5	1 42	23 44	9 15	22 19	22 22	20 39	17 29	4 24
S 22	20 8	6 8	5 7	13 58	1 46	24 6	0 56	0 16	0 43	22 51	0 30	9 10	2 42	19 55	0 36	4 4	1 42	23 44	9 15	22 19	22 22	20 37	17 30	4 24
S 23	20 21	0 50	4 43	14 30	1 40	24 13	0 58	0 26	0 40	22 51	0 29	9 9	2 42	19 56	0 36	4 4	1 42	23 45	9 16	22 19	22 21	20 35	17 31	4 24
M24	20 34	4s38	4 5	15 1	1 34	24 19	1 0	0 36	0 37	22 51	0 29	9 8	2 41	19 56	0 36	4 4	1 42	23 45	9 16	22 18	22 21	20 34	17 32	4 24
T 25	20 46	10 4	3 13	15 33	1 27	24 25	1 3	0 46	0 35	22 51	0 29	9 7	2 41	19 56	0 36	4 3	1 42	23 45	9 16	22 18	22 21	20 32	17 33	4 24
W26	20 57	15 11	2 10	16 4	1 20	24 29	1 5	0 56	0 32	22 51	0 29	9 6	2 41	19 56	0 36	4 3	1 42	23 46	9 17	22 18	22 20	20 30	17 34	4 25
T 27	21 9	19 39	0 57	16 35	1 14	24 34	1 7	1 6	0 29	22 50	0 29	9 5	2 41	19 56	0 36	4 3	1 42	23 46	9 17	22 18	22 20	20 29	17 35	4 25
F 28	21 19	23 5	0s21	17 6	1 7	24 37	1 9	1 16	0 27	22 50	0 29	9 4	2 41	19 57	0 36	4 2	1 41	23 46	9 17	22 18	22 19	20 27	17 36	4 25
S 29	21 30	25 7	1 38	17 36	1 0	24 40	1 11	1 27	0 24	22 50	0 29	9 3	2 40	19 57	0 36	4 2	1 41	23 47	9 18	22 18	22 19	20 25	17 37	4 25
S 30	21s40	25s29	2s50	18s 6	0n52	24s41	1s13	1n37	0s22	22n49	0s29	9n 2	2s40	19n57	0n36	4n 2	1s41	23n47	9n18	22n18	22n19	20n24	17s38	4n25

Julian Day Number = 2343737.5, Delta T = 12.77 sec
Ecliptic obliquity = 23°28'42, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'12, Lahiri = 19°44'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1704
geocentric

DECEMBER 1704 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 24	8♐55'35	29♉ 9	26♏ 5	2♉ 4	5♈16	23°R 4	0°R 4	3°R36	14°R 7	19°R33	12♊16	12♊17	16♌23	10♐14	M 1
T 2	4 43 21	9°56'31	13♒34	27°37	3°19	5°38	22♊56	0♋ 0	3♌35	14♈ 7	19♌32	12°17	12°14	16°29	10°21	T 2
W 3	4 47 17	10°57'28	27°53	29° 9	4°33	6° 0	22°48	29♈57	3°34	14° 6	19°32	12°17	12°11	16°36	10°29	W 3
T 4	4 51 14	11°58'26	12♓ 4	0♐41	5°48	6°23	22°40	29°54	3°33	14° 5	19°32	12°17	12° 7	16°43	10°36	T 4
F 5	4 55 10	12°59'25	26° 4	2°14	7° 3	6°46	22°32	29°52	3°31	14° 5	19°31	12°17	12° 4	16°49	10°43	F 5
S 6	4 59 7	14° 0'24	9♈51	3°47	8°17	7° 9	22°24	29°49	3°30	14° 4	19°31	12°17	12° 1	16°56	10°50	S 6
S 7	5 3 4	15° 1'23	23°26	5°19	9°32	7°33	22°16	29°46	3°29	14° 3	19°30	12°17	11°58	17° 3	10°58	S 7
M 8	5 7 0	16° 2'24	6♋48	6°52	10°47	7°57	22° 8	29°44	3°27	14° 3	19°30	12°17	11°55	17° 9	11° 5	M 8
T 9	5 10 57	17° 3'25	19°56	8°25	12° 1	8°22	22° 0	29°41	3°26	14° 2	19°29	12°18	11°52	17°16	11°12	T 9
W10	5 14 53	18° 4'26	2♊52	9°58	13°16	8°46	21°52	29°39	3°24	14° 2	19°29	12°18	11°48	17°23	11°19	W10
T 11	5 18 50	19° 5'29	15°34	11°32	14°31	9°12	21°44	29°36	3°22	14° 1	19°28	12°R18	11°45	17°30	11°26	T 11
F 12	5 22 46	20° 6'32	28° 4	13° 5	15°45	9°37	21°35	29°34	3°21	14° 1	19°28	12°18	11°42	17°36	11°34	F 12
S 13	5 26 43	21° 7'35	10♋22	14°38	17° 0	10° 3	21°27	29°32	3°19	14° 0	19°27	12°17	11°39	17°43	11°41	S 13
S 14	5 30 39	22° 8'40	22°30	16°12	18°15	10°29	21°19	29°30	3°17	14° 0	19°26	12°16	11°36	17°50	11°48	S 14
M15	5 34 36	23° 9'45	4♌30	17°46	19°29	10°55	21°11	29°28	3°16	13°59	19°26	12°14	11°32	17°56	11°55	M15
T 16	5 38 33	24°10'51	16°23	19°20	20°44	11°22	21° 3	29°27	3°14	13°59	19°25	12°12	11°29	18° 3	12° 2	T 16
W17	5 42 29	25°11'57	28°14	20°54	21°58	11°49	20°55	29°25	3°12	13°59	19°24	12°11	11°26	18°10	12° 9	W17
T 18	5 46 26	26°13'04	10♍ 7	22°28	23°13	12°16	20°47	29°23	3°10	13°58	19°24	12°10	11°23	18°17	12°17	T 18
F 19	5 50 22	27°14'12	22° 5	24° 2	24°27	12°44	20°39	29°22	3° 8	13°58	19°23	12°D 9	11°20	18°23	12°24	F 19
S 20	5 54 19	28°15'21	4♎13	25°37	25°42	13°12	20°31	29°20	3° 6	13°58	19°22	12° 9	11°17	18°30	12°31	S 20
S 21	5 58 15	29°16'30	16°37	27°12	26°56	13°40	20°23	29°19	3° 4	13°58	19°21	12°10	11°13	18°37	12°38	S 21
M22	6 2 12	0♑17'40	29°19	28°47	28°11	14° 8	20°15	29°18	3° 2	13°58	19°20	12°11	11°10	18°43	12°45	M22
T 23	6 6 8	1°18'50	12♏25	0♑23	29°25	14°36	20° 7	29°17	3° 0	13°58	19°20	12°12	11° 7	18°50	12°52	T 23
W24	6 10 5	2°20'01	25°56	1°58	0♒39	15° 5	19°59	29°16	2°58	13°58	19°19	12°14	11° 4	18°57	12°59	W24
T 25	6 14 2	3°21'12	9♐52	3°34	1°54	15°34	19°51	29°15	2°56	13°D58	19°18	12°R14	11° 1	19° 4	13° 6	T 25
F 26	6 17 58	4°22'24	24°13	5°11	3° 8	16° 3	19°43	29°15	2°53	13°58	19°17	12°14	10°58	19°10	13°13	F 26
S 27	6 21 55	5°23'36	8♑52	6°47	4°23	16°33	19°36	29°14	2°51	13°58	19°16	12°12	10°54	19°17	13°20	S 27
S 28	6 25 51	6°24'48	23°45	8°24	5°37	17° 3	19°28	29°14	2°49	13°58	19°15	12°10	10°51	19°24	13°26	S 28
M29	6 29 48	7°26'00	8♒42	10° 1	6°51	17°32	19°21	29°13	2°47	13°58	19°14	12° 6	10°48	19°30	13°33	M29
T 30	6 33 44	8°27'11	23°34	11°39	8° 5	18° 3	19°13	29°13	2°44	13°58	19°13	12° 2	10°45	19°37	13°40	T 30
W31	6 37 41	9♑28'23	8♓15	13♑17	9♒20	18♈33	19♊ 6	29♈13	2♌42	13♈58	19♌12	11♊59	10♊42	19♌44	13♐47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s49	24s 8	3s52	18s34	0n45	24s43	1s15	1n48	0s19	22n49	0s29	9n 1	2s40	19n58	0n36	4n 1	1s41	23n48	9n18	22n18	22n18	20n22	17s39	4n25
T 2	21 59	21 13	4 38	19 3	0 38	24 43	1 17	1 59	0 17	22 49	0 29	9 0	2 40	19 58	0 36	4 1	1 41	23 48	9 19	22 18	22 18	20 20	17 39	4 25
W 3	22 7	17 2	5 7	19 30	0 31	24 42	1 19	2 10	0 15	22 49	0 28	8 59	2 39	19 58	0 36	4 1	1 41	23 48	9 19	22 18	22 17	20 19	17 40	4 26
T 4	22 16	11 56	5 17	19 57	0 24	24 41	1 20	2 21	0 13	22 48	0 28	8 58	2 39	19 59	0 36	4 1	1 41	23 49	9 19	22 18	22 17	20 17	17 41	4 26
F 5	22 24	6 17	5 8	20 22	0 17	24 39	1 22	2 32	0 10	22 48	0 28	8 58	2 39	19 59	0 36	4 0	1 41	23 49	9 20	22 18	22 17	20 15	17 42	4 26
S 6	22 31	0 24	4 41	20 47	0 9	24 37	1 24	2 43	0 8	22 48	0 28	8 57	2 39	19 59	0 36	4 0	1 41	23 50	9 20	22 18	22 16	20 13	17 43	4 26
S 7	22 38	5n25	3 59	21 11	0 2	24 33	1 25	2 54	0 6	22 47	0 28	8 56	2 39	20 0	0 36	4 0	1 41	23 50	9 20	22 18	22 16	20 12	17 44	4 26
M 8	22 45	10 54	3 5	21 34	0s 4	24 29	1 27	3 6	0 4	22 47	0 28	8 55	2 38	20 0	0 36	4 0	1 41	23 51	9 21	22 18	22 15	20 10	17 44	4 27
T 9	22 51	15 49	2 1	21 56	0 11	24 24	1 29	3 17	0 2	22 47	0 28	8 55	2 38	20 0	0 36	4 0	1 41	23 51	9 21	22 18	22 15	20 8	17 45	4 27
W10	22 57	19 55	0 52	22 17	0 18	24 18	1 30	3 29	0 0	22 46	0 28	8 54	2 38	20 1	0 36	3 59	1 41	23 51	9 21	22 18	22 14	20 7	17 46	4 27
T 11	23 2	23 0	0n18	22 37	0 25	24 12	1 31	3 41	0n 2	22 46	0 27	8 54	2 37	20 1	0 36	3 59	1 41	23 52	9 22	22 18	22 14	20 5	17 47	4 27
F 12	23 7	24 54	1 26	22 55	0 31	24 5	1 33	3 53	0 4	22 45	0 27	8 53	2 37	20 2	0 36	3 59	1 41	23 52	9 22	22 18	22 14	20 3	17 47	4 27
S 13	23 11	25 33	2 29	23 13	0 38	23 57	1 34	4 4	0 6	22 45	0 27	8 53	2 37	20 2	0 36	3 59	1 41	23 53	9 22	22 18	22 13	20 1	17 48	4 28
S 14	23 15	24 58	3 25	23 29	0 44	23 48	1 35	4 16	0 8	22 45	0 27	8 52	2 37	20 3	0 36	3 59	1 41	23 53	9 22	22 18	22 13	20 0	17 49	4 28
M15	23 18	23 13	4 10	23 45	0 50	23 39	1 36	4 28	0 9	22 44	0 27	8 52	2 36	20 3	0 36	3 59	1 41	23 54	9 23	22 18	22 12	19 58	17 49	4 28
T 16	23 21	20 28	4 45	23 59	0 56	23 29	1 38	4 40	0 11	22 44	0 27	8 51	2 36	20 3	0 36	3 59	1 41	23 54	9 23	22 18	22 12	19 56	17 50	4 28
W17	23 23	16 54	5 7	24 12	1 2	23 18	1 39	4 53	0 13	22 44	0 26	8 51	2 36	20 4	0 36	3 59	1 41	23 55	9 23	22 17	22 11	19 54	17 51	4 29
T 18	23 25	12 39	5 16	24 23	1 8	23 7	1 40	5 5	0 14	22 43	0 26	8 51	2 36	20 4	0 36	3 59	1 41	23 55	9 24	22 17	22 11	19 52	17 51	4 29
F 19	23 27	7 55	5 11	24 34	1 13	22 55	1 40	5 17	0 16	22 43	0 26	8 51	2 35	20 5	0 36	3 59	1 40	23 56	9 24	22 17	22 10	19 51	17 52	4 29
S 20	23 28	2 48	4 53	24 43	1 18	22 42	1 41	5 29	0 18	22 42	0 26	8 50	2 35	20 5	0 37	3 59	1 40	23 57	9 24	22 17	22 10	19 49	17 53	4 29
S 21	23 29	2s31	4 21	24 50	1 23	22 28	1 42	5 42	0 19	22 42	0 26	8 50	2 35	20 6	0 37	3 59	1 40	23 57	9 25	22 17	22 10	19 47	17 53	4 30
M22	23 29	7 54	3 35	24 56	1 28	22 14	1 43	5 54	0 21	22 41	0 26	8 50	2 34	20 6	0 37	3 59	1 40	23 58	9 25	22 17	22 9	19 45	17 54	4 30
T 23	23 28	13 5	2 37	25 1	1 33	21 59	1 43	6 7	0 22	22 41	0 26	8 50	2 34	20 7	0 37	3 59	1 40	23 58	9 25	22 18	22 9	19 43	17 54	4 30
W24	23 27	17 50	1 29	25 5	1 37	21 44	1 44	6 19	0 24	22 41	0 25	8 50	2 34	20 7	0 37	3 59	1 40	23 59	9 25	22 18	22 8	19 42	17 55	4 31
T 25	23 26	21 45	0 13	25 7	1 41	21 28	1 44	6 32	0 25	22 40	0 25	8 50	2 34	20 8	0 37	3 59	1 40	23 59	9 26	22 18	22 8	19 40	17 56	4 31
F 26	23 24	24 26	1s 5	25 8	1 45	21 11	1 45	6 44	0 27	22 40	0 25	8 50	2 33	20 8	0 37	3 59	1 40	24 0	9 26	22 18	22 7	19 38	17 56	4 31
S 27	23 22	25 32	2 21	25 7	1 49	20 54	1 45	6 57	0 28	22 39	0 25	8 50	2 33	20 9	0 37	3 59	1 40	24 0	9 26	22 18	22 7	19 36	17 57	4 32
S 28	23 19	24 49	3 29	25 5	1 52	20 36	1 45	7 9	0 29	22 39	0 25	8 50	2 33	20 9	0 37	3 59	1 40	24 1	9 26	22 17	22 7	19 34	17 57	4 32
M29	23 16	22 20	4 22	25 1	1 55	20 17	1 45	7 22	0 31	22 39	0 25	8 50	2 32	20 10	0 37	3 59	1 40	24 2	9 27	22 17	22 6	19 32	17 58	4 32
T 30	23 13	18 21	4 57	24 56	1 58	19 58	1 45	7 35	0 32	22 38	0 24	8 50	2 32	20 11	0 37	3 59	1 40	24 2	9 27	22 16	22 6	19 31	17 58	4 33
W31	23s 8	13s19	5s13	24s49	2s 0	19s39	1s45	7n48	0n33	22n38	0s24	8n51	2s32	20n11	0n37	3n59	1s40	24n 3	9n27	22n16	22n 5	19n29	17s59	4n33

Julian Day Number = 2343767.5, Delta T = 12.75 sec
Ecliptic obliquity = 23°28'42, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'16, Lahiri = 19°44'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

JANUARY 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 37	10♑29'34	22♓38	14♑55	10♒34	19♈ 3	18°R59	29°D13	2°R40	13♈58	19°R11	11°R56	10♊38	19♌51	13♐53	T 1
F 2	6 45 34	11°30'44	6♈41	16°34	11°48	19°34	18♊52	29♈13	2♌37	13°59	19♌10	11°D55	10°35	19°57	14° 0	F 2
S 3	6 49 31	12°31'54	20°23	18°13	13° 2	20° 5	18°45	29°13	2°35	13°59	19° 9	11♊55	10°32	20° 4	14° 7	S 3
S 4	6 53 27	13°33'04	3♉45	19°52	14°16	20°36	18°38	29°13	2°33	13°59	19° 7	11°57	10°29	20°11	14°13	S 4
M 5	6 57 24	14°34'13	16°49	21°31	15°30	21° 7	18°32	29°14	2°30	14° 0	19° 6	11°58	10°26	20°17	14°20	M 5
T 6	7 1 20	15°35'22	29°36	23°11	16°44	21°38	18°25	29°14	2°28	14° 0	19° 5	12° 0	10°23	20°24	14°27	T 6
W 7	7 5 17	16°36'30	12♊11	24°51	17°58	22°10	18°19	29°15	2°25	14° 0	19° 4	12°R 0	10°19	20°31	14°33	W 7
T 8	7 9 13	17°37'38	24°34	26°32	19°12	22°42	18°13	29°16	2°23	14° 1	19° 3	12° 0	10°16	20°38	14°39	T 8
F 9	7 13 10	18°38'45	6♋49	28°12	20°26	23°13	18° 7	29°17	2°20	14° 1	19° 2	11°57	10°13	20°44	14°46	F 9
S 10	7 17 7	19°39'52	18°56	29°53	21°40	23°45	18° 1	29°18	2°18	14° 2	19° 0	11°52	10°10	20°51	14°52	S 10
S 11	7 21 3	20°40'58	0♌56	1♒33	22°54	24°18	17°55	29°19	2°15	14° 3	18°59	11°46	10° 7	20°58	14°59	S 11
M12	7 25 0	21°42'04	12°52	3°14	24° 8	24°50	17°49	29°20	2°13	14° 3	18°58	11°38	10° 4	21° 4	15° 5	M12
T 13	7 28 56	22°43'10	24°45	4°54	25°21	25°22	17°44	29°21	2°10	14° 4	18°57	11°30	10° 0	21°11	15°11	T 13
W14	7 32 53	23°44'15	6♍36	6°34	26°35	25°55	17°39	29°23	2° 7	14° 4	18°55	11°22	9°57	21°18	15°17	W14
T 15	7 36 49	24°45'19	18°29	8°13	27°49	26°27	17°33	29°24	2° 5	14° 5	18°54	11°15	9°54	21°25	15°23	T 15
F 16	7 40 46	25°46'23	0♎26	9°52	29° 2	27° 0	17°28	29°26	2° 2	14° 6	18°53	11°10	9°51	21°31	15°29	F 16
S 17	7 44 42	26°47'27	12°32	11°30	0♓16	27°33	17°24	29°28	2° 0	14° 7	18°51	11° 6	9°48	21°38	15°35	S 17
S 18	7 48 39	27°48'30	24°50	13° 6	1°29	28° 6	17°19	29°29	1°57	14° 7	18°50	11°D 5	9°44	21°45	15°41	S 18
M19	7 52 36	28°49'33	7♏26	14°41	2°43	28°39	17°15	29°31	1°54	14° 8	18°49	11° 5	9°41	21°51	15°47	M19
T 20	7 56 32	29°50'36	20°24	16°13	3°56	29°12	17°10	29°34	1°52	14° 9	18°47	11° 6	9°38	21°58	15°53	T 20
W21	8 0 29	0♒51'38	3♐48	17°43	5°10	29°46	17° 6	29°36	1°49	14°10	18°46	11° 8	9°35	22° 5	15°59	W21
T 22	8 4 25	1°52'39	17°40	19°11	6°23	0♉19	17° 2	29°38	1°47	14°11	18°45	11°R 8	9°32	22°12	16° 5	T 22
F 23	8 8 22	2°53'40	2♑ 1	20°34	7°36	0°53	16°59	29°40	1°44	14°12	18°43	11° 6	9°29	22°18	16°10	F 23
S 24	8 12 18	3°54'40	16°48	21°54	8°49	1°26	16°55	29°43	1°41	14°13	18°42	11° 1	9°25	22°25	16°16	S 24
S 25	8 16 15	4°55'39	1♒54	23° 8	10° 2	2° 0	16°52	29°46	1°39	14°14	18°40	10°55	9°22	22°32	16°22	S 25
M26	8 20 11	5°56'37	17°11	24°17	11°15	2°34	16°49	29°48	1°36	14°15	18°39	10°47	9°19	22°39	16°27	M26
T 27	8 24 8	6°57'34	2♓26	25°19	12°28	3° 8	16°46	29°51	1°33	14°16	18°37	10°38	9°16	22°45	16°33	T 27
W28	8 28 5	7°58'30	17°29	26°15	13°41	3°42	16°43	29°54	1°31	14°17	18°36	10°29	9°13	22°52	16°38	W28
T 29	8 32 1	8°59'25	2♈12	27° 2	14°54	4°16	16°40	29°57	1°28	14°18	18°35	10°22	9°10	22°59	16°43	T 29
F 30	8 35 58	10° 0'18	16°29	27°40	16° 7	4°51	16°38	0♉ 0	1°26	14°20	18°33	10°17	9° 6	23° 5	16°48	F 30
S 31	8 39 54	11♒ 1'09	0♉18	28♒ 9	17♓20	5♉25	16♊36	0♉ 3	1♌23	14♈21	18♌32	10♊15	9♊ 3	23♌12	16♐54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 4	7s38	5s 8	24s40	2s 2	19s18	1s45	8n 0	0n34	22n37	0s24	8n51	2s32	20n12	0n37	3n59	1s40	24n 3	9n27	22n15	22n 5	19n27	17s59	4n33
F 2	22 59	1 42	4 45	24 30	2 4	18 58	1 45	8 13	0 36	22 37	0 24	8 51	2 31	20 12	0 37	3 59	1 40	24 4	9 28	22 15	22 4	19 25	17 59	4 34
S 3	22 53	4n11	4 6	24 19	2 5	18 36	1 45	8 26	0 37	22 36	0 24	8 52	2 31	20 13	0 37	4 0	1 40	24 5	9 28	22 15	22 4	19 23	18 0	4 34
S 4	22 47	9 45	3 14	24 5	2 6	18 15	1 45	8 39	0 38	22 36	0 24	8 52	2 31	20 13	0 37	4 0	1 40	24 5	9 28	22 15	22 3	19 21	18 0	4 34
M 5	22 41	14 45	2 13	23 51	2 7	17 52	1 44	8 51	0 39	22 36	0 23	8 52	2 30	20 14	0 37	4 0	1 40	24 6	9 28	22 16	22 3	19 19	18 1	4 35
T 6	22 34	19 0	1 7	23 34	2 7	17 30	1 44	9 4	0 40	22 35	0 23	8 53	2 30	20 14	0 37	4 0	1 39	24 6	9 29	22 16	22 2	19 18	18 1	4 35
W 7	22 27	22 18	0n 1	23 16	2 7	17 6	1 43	9 17	0 41	22 35	0 23	8 53	2 30	20 15	0 37	4 0	1 39	24 7	9 29	22 16	22 2	19 16	18 1	4 35
T 8	22 19	24 30	1 8	22 56	2 6	16 43	1 43	9 30	0 42	22 35	0 23	8 54	2 29	20 16	0 37	4 1	1 39	24 7	9 29	22 16	22 2	19 14	18 2	4 36
F 9	22 11	25 29	2 11	22 35	2 5	16 19	1 42	9 43	0 44	22 34	0 23	8 55	2 29	20 16	0 37	4 1	1 39	24 8	9 29	22 16	22 1	19 12	18 2	4 36
S 10	22 2	25 14	3 7	22 12	2 3	15 54	1 41	9 56	0 45	22 34	0 22	8 55	2 29	20 17	0 37	4 1	1 39	24 9	9 30	22 15	22 1	19 10	18 2	4 37
S 11	21 53	23 48	3 54	21 48	2 0	15 29	1 40	10 8	0 46	22 34	0 22	8 56	2 29	20 17	0 37	4 1	1 39	24 9	9 30	22 14	22 0	19 8	18 2	4 37
M12	21 44	21 18	4 31	21 22	1 57	15 4	1 39	10 21	0 47	22 33	0 22	8 57	2 28	20 18	0 37	4 2	1 39	24 10	9 30	22 13	22 0	19 6	18 3	4 37
T 13	21 34	17 56	4 56	20 54	1 54	14 38	1 38	10 34	0 48	22 33	0 22	8 57	2 28	20 19	0 37	4 2	1 39	24 10	9 30	22 12	21 59	19 4	18 3	4 38
W14	21 23	13 51	5 7	20 25	1 49	14 12	1 37	10 47	0 48	22 33	0 22	8 58	2 28	20 19	0 37	4 2	1 39	24 11	9 30	22 11	21 59	19 2	18 3	4 38
T 15	21 13	9 15	5 6	19 55	1 44	13 45	1 36	10 59	0 49	22 32	0 22	8 59	2 27	20 20	0 37	4 3	1 39	24 12	9 31	22 10	21 58	19 0	18 3	4 39
F 16	21 1	4 17	4 51	19 23	1 39	13 18	1 35	11 12	0 50	22 32	0 21	9 0	2 27	20 20	0 37	4 3	1 39	24 12	9 31	22 9	21 58	18 58	18 4	4 39
S 17	20 50	0s55	4 24	18 50	1 32	12 51	1 33	11 25	0 51	22 32	0 21	9 1	2 27	20 21	0 37	4 3	1 39	24 13	9 31	22 9	21 57	18 56	18 4	4 40
S 18	20 38	6 10	3 43	18 16	1 25	12 23	1 32	11 37	0 52	22 31	0 21	9 2	2 27	20 22	0 37	4 4	1 39	24 14	9 31	22 8	21 57	18 54	18 4	4 40
M19	20 26	11 19	2 51	17 41	1 17	11 56	1 30	11 50	0 53	22 31	0 21	9 3	2 26	20 22	0 37	4 4	1 39	24 14	9 31	22 9	21 56	18 52	18 4	4 40
T 20	20 13	16 7	1 49	17 5	1 8	11 27	1 29	12 3	0 54	22 31	0 21	9 4	2 26	20 23	0 37	4 4	1 39	24 15	9 32	22 9	21 56	18 51	18 4	4 41
W21	20 0	20 18	0 39	16 29	0 59	10 59	1 27	12 15	0 54	22 31	0 20	9 5	2 26	20 23	0 37	4 5	1 39	24 15	9 32	22 9	21 55	18 49	18 4	4 41
T 22	19 46	23 29	0s35	15 52	0 48	10 30	1 25	12 28	0 55	22 31	0 20	9 6	2 25	20 24	0 37	4 5	1 39	24 16	9 32	22 9	21 55	18 47	18 5	4 42
F 23	19 33	25 18	1 50	15 14	0 37	10 1	1 23	12 40	0 56	22 30	0 20	9 7	2 25	20 25	0 37	4 6	1 39	24 17	9 32	22 9	21 54	18 45	18 5	4 42
S 24	19 18	25 23	2 59	14 37	0 25	9 32	1 21	12 53	0 57	22 30	0 20	9 8	2 25	20 25	0 37	4 6	1 39	24 17	9 32	22 8	21 54	18 43	18 5	4 43
S 25	19 4	23 38	3 58	14 1	0 12	9 2	1 19	13 5	0 57	22 30	0 20	9 9	2 24	20 26	0 37	4 6	1 39	24 18	9 32	22 7	21 54	18 41	18 5	4 43
M26	18 49	20 9	4 40	13 25	0n 2	8 33	1 17	13 18	0 58	22 30	0 19	9 10	2 24	20 26	0 37	4 7	1 38	24 18	9 32	22 6	21 53	18 39	18 5	4 44
T 27	18 34	15 19	5 2	12 50	0 17	8 3	1 15	13 30	0 59	22 30	0 19	9 12	2 24	20 27	0 37	4 7	1 38	24 19	9 33	22 5	21 53	18 37	18 5	4 44
W28	18 18	9 36	5 3	12 17	0 33	7 32	1 13	13 42	1 0	22 30	0 19	9 13	2 24	20 28	0 37	4 8	1 38	24 19	9 33	22 3	21 52	18 35	18 5	4 45
T 29	18 2	3 27	4 43	11 46	0 49	7 2	1 10	13 55	1 0	22 30	0 19	9 14	2 23	20 28	0 37	4 8	1 38	24 20	9 33	22 2	21 52	18 33	18 5	4 45
F 30	17 46	2n42	4 7	11 17	1 5	6 32	1 8	14 7	1 1	22 30	0 19	9 15	2 23	20 29	0 37	4 9	1 38	24 21	9 33	22 2	21 51	18 31	18 5	4 46
S 31	17s30	8n32	3s16	10s51	1n22	6s 1	1s 5	14n19	1n 2	22n30	0s19	9n17	2s23	20n29	0n37	4n 9	1s38	24n21	9n33	22n 1	21n51	18n29	18s 5	4n46

Julian Day Number = 2343798.5, Delta T = 12.73 sec
Ecliptic obliquity = 23°28'42, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'20, Lahiri = 19°44'21Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

FEBRUARY 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 51	12♒ 2'00	13♉40	28♒28	18♓32	6♉ 0	16°R34	0♉ 7	1°R20	14♈22	18°R30	10°D14	9♊ 0	23♌19	16♐59	S 1
M 2	8 47 47	13° 2'48	26°38	28°R36	19°45	6°34	16♊32	0°10	1♌18	14°23	18♌29	10♊15	8°57	23°26	17° 4	M 2
T 3	8 51 44	14° 3'36	9♊16	28°33	20°57	7° 9	16°31	0°14	1°15	14°25	18°27	10°R15	8°54	23°32	17° 9	T 3
W 4	8 55 40	15° 4'22	21°39	28°20	22°10	7°43	16°29	0°17	1°13	14°26	18°26	10°14	8°50	23°39	17°14	W 4
T 5	8 59 37	16° 5'06	3♋50	27°55	23°22	8°18	16°28	0°21	1°10	14°27	18°24	10°12	8°47	23°46	17°18	T 5
F 6	9 3 34	17° 5'49	15°53	27°21	24°34	8°53	16°27	0°25	1° 8	14°29	18°23	10° 6	8°44	23°52	17°23	F 6
S 7	9 7 30	18° 6'30	27°50	26°37	25°46	9°28	16°26	0°29	1° 5	14°30	18°22	9°58	8°41	23°59	17°28	S 7
S 8	9 11 27	19° 7'10	9♌44	25°44	26°58	10° 3	16°26	0°33	1° 3	14°32	18°20	9°47	8°38	24° 6	17°32	S 8
M 9	9 15 23	20° 7'48	21°37	24°45	28°10	10°38	16°26	0°37	1° 0	14°33	18°19	9°34	8°35	24°13	17°37	M 9
T 10	9 19 20	21° 8'25	3♍29	23°41	29°22	11°13	16°D25	0°41	0°58	14°35	18°17	9°20	8°31	24°19	17°41	T 10
W11	9 23 16	22° 9'00	15°23	22°34	0♈34	11°48	16°26	0°45	0°56	14°36	18°16	9° 6	8°28	24°26	17°46	W11
T 12	9 27 13	23° 9'34	27°19	21°25	1°46	12°23	16°26	0°49	0°53	14°38	18°14	8°54	8°25	24°33	17°50	T 12
F 13	9 31 9	24°10'07	9♎20	20°16	2°57	12°58	16°26	0°54	0°51	14°39	18°13	8°44	8°22	24°39	17°54	F 13
S 14	9 35 6	25°10'38	21°28	19°10	4° 9	13°34	16°27	0°58	0°49	14°41	18°11	8°36	8°19	24°46	17°58	S 14
S 15	9 39 3	26°11'08	3♏47	18° 7	5°20	14° 9	16°28	1° 3	0°46	14°42	18°10	8°32	8°16	24°53	18° 2	S 15
M16	9 42 59	27°11'37	16°20	17° 9	6°31	14°44	16°29	1° 8	0°44	14°44	18° 8	8°30	8°12	25° 0	18° 6	M16
T 17	9 46 56	28°12'04	29°12	16°16	7°43	15°20	16°30	1°12	0°42	14°46	18° 7	8°D29	8° 9	25° 6	18°10	T 17
W18	9 50 52	29°12'30	12♐27	15°30	8°54	15°55	16°32	1°17	0°40	14°47	18° 5	8°R29	8° 6	25°13	18°14	W18
T 19	9 54 49	0♓12'55	26° 8	14°52	10° 5	16°31	16°33	1°22	0°37	14°49	18° 4	8°29	8° 3	25°20	18°18	T 19
F 20	9 58 45	1°13'18	10♑18	14°20	11°15	17° 6	16°35	1°27	0°35	14°51	18° 3	8°26	8° 0	25°26	18°21	F 20
S 21	10 2 42	2°13'40	24°55	13°56	12°26	17°42	16°37	1°32	0°33	14°53	18° 1	8°20	7°56	25°33	18°25	S 21
S 22	10 6 38	3°14'00	9♒56	13°39	13°37	18°18	16°39	1°37	0°31	14°54	18° 0	8°12	7°53	25°40	18°29	S 22
M23	10 10 35	4°14'19	25°12	13°29	14°47	18°54	16°42	1°43	0°29	14°56	17°58	8° 1	7°50	25°47	18°32	M23
T 24	10 14 32	5°14'36	10♓33	13°D26	15°58	19°29	16°45	1°48	0°27	14°58	17°57	7°50	7°47	25°53	18°35	T 24
W25	10 18 28	6°14'51	25°47	13°30	17° 8	20° 5	16°47	1°53	0°25	15° 0	17°56	7°38	7°44	26° 0	18°38	W25
T 26	10 22 25	7°15'04	10♈43	13°40	18°18	20°41	16°50	1°59	0°23	15° 2	17°54	7°29	7°41	26° 7	18°42	T 26
F 27	10 26 21	8°15'15	25°13	13°56	19°28	21°17	16°54	2° 4	0°21	15° 4	17°53	7°21	7°37	26°14	18°45	F 27
S 28	10 30 18	9♓15'24	9♉13	14♒17	20♈38	21♉53	16♊57	2♉10	0♌19	15♈ 6	17♌52	7♊17	7♊34	26♌20	18♐47	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s13	13n47	2s17	10s29	1n39	5s30	1s 3	14n31	1n 2	22n30	0s18	9n18	2s23	20n30	0n37	4n10	1s38	24n22	9n33	22n 1	21n50	18n27	18s 5	4n47
M 2	16 56	18 16	1 12	10 10	1 56	4 59	1 0	14 43	1 3	22 30	0 18	9 20	2 22	20 30	0 37	4 10	1 38	24 22	9 33	22 1	21 50	18 25	18 5	4 47
T 3	16 38	21 47	0 5	9 55	2 13	4 28	0 57	14 55	1 3	22 30	0 18	9 21	2 22	20 31	0 37	4 11	1 38	24 23	9 33	22 1	21 49	18 22	18 5	4 48
W 4	16 20	24 13	1n 0	9 45	2 29	3 57	0 55	15 7	1 4	22 30	0 18	9 23	2 22	20 31	0 37	4 12	1 38	24 24	9 33	22 1	21 49	18 20	18 5	4 49
T 5	16 2	25 27	2 2	9 39	2 44	3 26	0 52	15 19	1 5	22 30	0 18	9 24	2 21	20 32	0 37	4 12	1 38	24 24	9 34	22 1	21 48	18 18	18 4	4 49
F 6	15 44	25 28	2 57	9 37	2 58	2 54	0 49	15 31	1 5	22 30	0 17	9 26	2 21	20 33	0 37	4 13	1 38	24 25	9 34	22 0	21 48	18 16	18 4	4 50
S 7	15 26	24 17	3 44	9 40	3 11	2 23	0 46	15 42	1 6	22 30	0 17	9 27	2 21	20 33	0 37	4 13	1 38	24 25	9 34	21 59	21 47	18 14	18 4	4 50
S 8	15 7	22 2	4 21	9 47	3 22	1 52	0 43	15 54	1 6	22 30	0 17	9 29	2 21	20 34	0 37	4 14	1 38	24 26	9 34	21 57	21 47	18 12	18 4	4 51
M 9	14 48	18 50	4 46	9 59	3 31	1 20	0 40	16 5	1 7	22 30	0 17	9 31	2 20	20 34	0 37	4 14	1 38	24 26	9 34	21 55	21 46	18 10	18 4	4 51
T 10	14 29	14 53	4 59	10 13	3 38	0 49	0 37	16 17	1 7	22 30	0 17	9 32	2 20	20 35	0 37	4 15	1 38	24 27	9 34	21 53	21 46	18 8	18 4	4 52
W11	14 9	10 21	4 59	10 31	3 42	0 17	0 33	16 28	1 8	22 31	0 17	9 34	2 20	20 35	0 37	4 16	1 38	24 27	9 34	21 51	21 45	18 6	18 4	4 52
T 12	13 49	5 26	4 45	10 51	3 44	0n15	0 30	16 40	1 8	22 31	0 16	9 36	2 20	20 36	0 37	4 16	1 38	24 28	9 34	21 49	21 45	18 4	18 3	4 53
F 13	13 29	0 16	4 19	11 13	3 44	0 46	0 27	16 51	1 9	22 31	0 16	9 38	2 19	20 36	0 37	4 17	1 38	24 28	9 34	21 48	21 44	18 2	18 3	4 54
S 14	13 9	4s58	3 41	11 36	3 41	1 18	0 23	17 2	1 9	22 31	0 16	9 39	2 19	20 37	0 37	4 18	1 38	24 29	9 34	21 46	21 44	18 0	18 3	4 54
S 15	12 49	10 6	2 52	11 59	3 36	1 49	0 20	17 13	1 10	22 32	0 16	9 41	2 19	20 37	0 37	4 18	1 38	24 29	9 34	21 46	21 43	17 58	18 3	4 55
M16	12 28	14 56	1 54	12 23	3 30	2 21	0 16	17 24	1 10	22 32	0 16	9 43	2 19	20 38	0 37	4 19	1 38	24 30	9 34	21 45	21 43	17 56	18 2	4 55
T 17	12 7	19 13	0 49	12 46	3 22	2 52	0 13	17 35	1 10	22 32	0 15	9 45	2 18	20 38	0 37	4 20	1 38	24 30	9 34	21 45	21 42	17 53	18 2	4 56
W18	11 46	22 40	0s21	13 9	3 12	3 24	0 9	17 46	1 11	22 33	0 15	9 47	2 18	20 39	0 37	4 20	1 37	24 31	9 34	21 45	21 42	17 51	18 2	4 57
T 19	11 25	24 57	1 32	13 31	3 1	3 55	0 5	17 56	1 11	22 33	0 15	9 49	2 18	20 39	0 37	4 21	1 37	24 31	9 34	21 45	21 41	17 49	18 2	4 57
F 20	11 3	25 44	2 39	13 51	2 50	4 26	0 2	18 7	1 12	22 33	0 15	9 51	2 18	20 40	0 37	4 22	1 37	24 32	9 34	21 45	21 41	17 47	18 1	4 58
S 21	10 42	24 46	3 39	14 10	2 37	4 57	0n 2	18 17	1 12	22 34	0 15	9 53	2 17	20 40	0 37	4 22	1 37	24 32	9 34	21 44	21 40	17 45	18 1	4 58
S 22	10 20	22 2	4 25	14 27	2 25	5 28	0 6	18 28	1 12	22 34	0 15	9 55	2 17	20 41	0 37	4 23	1 37	24 33	9 34	21 43	21 40	17 43	18 1	4 59
M23	9 58	17 44	4 53	14 42	2 11	5 59	0 10	18 38	1 13	22 34	0 14	9 57	2 17	20 41	0 37	4 24	1 37	24 33	9 34	21 41	21 39	17 41	18 0	5 0
T 24	9 36	12 14	5 0	14 56	1 58	6 30	0 14	18 48	1 13	22 35	0 14	9 59	2 17	20 41	0 37	4 25	1 37	24 34	9 34	21 39	21 39	17 39	18 0	5 0
W25	9 14	6 2	4 45	15 8	1 45	7 1	0 18	18 58	1 13	22 35	0 14	10 1	2 17	20 42	0 37	4 25	1 37	24 34	9 34	21 37	21 38	17 36	18 0	5 1
T 26	8 52	0n23	4 12	15 18	1 31	7 31	0 22	19 8	1 14	22 36	0 14	10 3	2 16	20 42	0 37	4 26	1 37	24 35	9 34	21 36	21 38	17 34	17 59	5 2
F 27	8 29	6 38	3 22	15 26	1 18	8 2	0 26	19 18	1 14	22 36	0 14	10 5	2 16	20 43	0 37	4 27	1 37	24 35	9 34	21 34	21 37	17 32	17 59	5 2
S 28	8s 7	12n21	2s22	15s32	1n 5	8n32	0n30	19n28	1n14	22n37	0s14	10n 7	2s16	20n43	0n37	4n28	1s37	24n35	9n34	21n34	21n37	17n30	17s58	5n 3

Julian Day Number = 2343829.5, Delta T = 12.70 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'24, Lahiri = 19°44'25Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

MARCH 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 14	10♓15'31	22♉44	14♒43	21♈48	22♉29	17♊ 1	2♉15	0°R17	15♈ 8	17°R50	7°R15	7♊31	26♌27	18♐50	S 1
M 2	10 38 11	11°15'36	5♊47	15°15	22°57	23° 5	17° 4	2°21	0♌16	15° 9	17♌49	7♊15	7°28	26°34	18°53	M 2
T 3	10 42 7	12°15'39	18°26	15°50	24° 7	23°41	17° 8	2°27	0°14	15°11	17°48	7°15	7°25	26°40	18°56	T 3
W 4	10 46 4	13°15'40	0♋47	16°30	25°16	24°17	17°12	2°33	0°12	15°13	17°46	7°14	7°21	26°47	18°58	W 4
T 5	10 50 1	14°15'38	12°54	17°14	26°25	24°53	17°17	2°39	0°10	15°15	17°45	7°11	7°18	26°54	19° 1	T 5
F 6	10 53 57	15°15'34	24°51	18° 1	27°34	25°30	17°21	2°45	0° 9	15°17	17°44	7° 5	7°15	27° 1	19° 3	F 6
S 7	10 57 54	16°15'29	6♌44	18°52	28°43	26° 6	17°26	2°51	0° 7	15°19	17°42	6°57	7°12	27° 7	19° 5	S 7
S 8	11 1 50	17°15'20	18°35	19°46	29°51	26°42	17°31	2°57	0° 6	15°22	17°41	6°46	7° 9	27°14	19° 8	S 8
M 9	11 5 47	18°15'10	0♍27	20°43	1♉ 0	27°18	17°36	3° 3	0° 4	15°24	17°40	6°33	7° 6	27°21	19°10	M 9
T 10	11 9 43	19°14'58	12°21	21°43	2° 8	27°55	17°41	3° 9	0° 3	15°26	17°39	6°18	7° 2	27°27	19°12	T 10
W11	11 13 40	20°14'44	24°20	22°45	3°16	28°31	17°46	3°16	0° 1	15°28	17°37	6° 4	6°59	27°34	19°14	W11
T 12	11 17 36	21°14'27	6♎23	23°50	4°24	29° 7	17°52	3°22	29♋59	15°30	17°36	5°52	6°56	27°41	19°15	T 12
F 13	11 21 33	22°14'09	18°33	24°57	5°32	29°44	17°57	3°28	29°59	15°32	17°35	5°41	6°53	27°48	19°17	F 13
S 14	11 25 29	23°13'49	0♏51	26° 6	6°39	0♊20	18° 3	3°35	29°57	15°34	17°34	5°34	6°50	27°54	19°19	S 14
S 15	11 29 26	24°13'27	13°18	27°18	7°46	0°56	18° 9	3°41	29°56	15°36	17°33	5°29	6°47	28° 1	19°20	S 15
M16	11 33 23	25°13'04	25°58	28°31	8°53	1°33	18°15	3°48	29°55	15°38	17°32	5°27	6°43	28° 8	19°22	M16
T 17	11 37 19	26°12'38	8♐52	29°47	10° 0	2° 9	18°21	3°55	29°54	15°40	17°31	5°D27	6°40	28°15	19°23	T 17
W18	11 41 16	27°12'11	22° 5	1♓ 4	11° 7	2°46	18°28	4° 1	29°53	15°43	17°30	5°R27	6°37	28°21	19°24	W18
T 19	11 45 12	28°11'42	5♑40	2°23	12°14	3°22	18°35	4° 8	29°52	15°45	17°29	5°27	6°34	28°28	19°25	T 19
F 20	11 49 9	29°11'12	19°38	3°44	13°20	3°59	18°41	4°15	29°51	15°47	17°27	5°25	6°31	28°35	19°26	F 20
S 21	11 53 5	0♈10'39	3♒59	5° 6	14°26	4°35	18°48	4°22	29°50	15°49	17°26	5°21	6°27	28°41	19°27	S 21
S 22	11 57 2	1°10'05	18°42	6°30	15°32	5°12	18°55	4°28	29°49	15°51	17°25	5°15	6°24	28°48	19°28	S 22
M23	12 0 58	2° 9'29	3♓42	7°56	16°37	5°48	19° 2	4°35	29°48	15°54	17°24	5° 6	6°21	28°55	19°29	M23
T 24	12 4 55	3° 8'51	18°49	9°23	17°43	6°25	19°10	4°42	29°47	15°56	17°24	4°57	6°18	29° 2	19°30	T 24
W25	12 8 52	4° 8'11	3♈53	10°52	18°48	7° 1	19°17	4°49	29°47	15°58	17°23	4°47	6°15	29° 8	19°30	W25
T 26	12 12 48	5° 7'29	18°45	12°22	19°53	7°38	19°25	4°56	29°46	16° 0	17°22	4°39	6°12	29°15	19°31	T 26
F 27	12 16 45	6° 6'45	3♉17	13°54	20°57	8°15	19°33	5° 3	29°45	16° 3	17°21	4°33	6° 8	29°22	19°31	F 27
S 28	12 20 41	7° 5'59	17°22	15°27	22° 2	8°51	19°41	5°10	29°45	16° 5	17°20	4°30	6° 5	29°28	19°31	S 28
S 29	12 24 38	8° 5'10	0♊59	17° 2	23° 6	9°28	19°49	5°17	29°44	16° 7	17°19	4°D28	6° 2	29°35	19°31	S 29
M30	12 28 34	9° 4'19	14° 9	18°38	24° 9	10° 5	19°57	5°25	29°44	16° 9	17°18	4°29	5°59	29°42	19°R31	M30
T 31	12 32 31	10♈ 3'26	26♊54	20♓15	25♉13	10♊42	20♊ 5	5♉32	29♋43	16♈12	17♌18	4♊29	5♊56	29♌49	19♐31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s44	17n16	1s16	15s37	0n52	9n 2	0n34	19n38	1n15	22n37	0s13	10n 9	2s16	20n43	0n37	4n28	1s37	24n36	9n34	21n33	21n36	17n28	17s58	5n 4
M 2	7 21	21 11	0 8	15 40	0 39	9 32	0 38	19 47	1 15	22 38	0 13	10 11	2 15	20 44	0 37	4 29	1 37	24 36	9 34	21 33	21 35	17 26	17 58	5 4
T 3	6 58	23 57	0n59	15 41	0 27	10 1	0 42	19 56	1 15	22 38	0 13	10 14	2 15	20 44	0 37	4 30	1 37	24 37	9 34	21 33	21 35	17 23	17 57	5 5
W 4	6 35	25 29	2 1	15 41	0 15	10 31	0 46	20 6	1 16	22 39	0 13	10 16	2 15	20 44	0 37	4 31	1 37	24 37	9 34	21 33	21 34	17 21	17 57	5 6
T 5	6 12	25 47	2 56	15 38	0 4	11 0	0 51	20 15	1 16	22 39	0 13	10 18	2 15	20 45	0 37	4 32	1 37	24 37	9 34	21 33	21 34	17 19	17 56	5 6
F 6	5 49	24 51	3 43	15 34	0s 8	11 29	0 55	20 24	1 16	22 40	0 13	10 20	2 15	20 45	0 37	4 32	1 37	24 38	9 34	21 32	21 33	17 17	17 56	5 7
S 7	5 26	22 48	4 20	15 29	0 18	11 57	0 59	20 33	1 16	22 41	0 12	10 22	2 14	20 45	0 37	4 33	1 37	24 38	9 34	21 30	21 33	17 15	17 55	5 8
S 8	5 3	19 48	4 45	15 22	0 29	12 26	1 3	20 42	1 17	22 41	0 12	10 25	2 14	20 46	0 37	4 34	1 37	24 38	9 34	21 28	21 32	17 12	17 55	5 8
M 9	4 39	15 58	4 58	15 13	0 39	12 54	1 8	20 50	1 17	22 42	0 12	10 27	2 14	20 46	0 37	4 35	1 37	24 39	9 34	21 26	21 32	17 10	17 54	5 9
T 10	4 16	11 31	4 58	15 3	0 48	13 21	1 12	20 59	1 17	22 42	0 12	10 29	2 14	20 46	0 37	4 36	1 37	24 39	9 34	21 24	21 31	17 8	17 54	5 10
W11	3 52	6 37	4 45	14 51	0 57	13 49	1 16	21 7	1 17	22 43	0 12	10 32	2 14	20 47	0 37	4 36	1 37	24 39	9 34	21 21	21 31	17 6	17 53	5 10
T 12	3 29	1 25	4 19	14 38	1 6	14 16	1 20	21 15	1 18	22 44	0 12	10 34	2 14	20 47	0 37	4 37	1 37	24 40	9 34	21 19	21 30	17 4	17 53	5 11
F 13	3 5	3s52	3 41	14 23	1 14	14 43	1 25	21 24	1 18	22 44	0 12	10 36	2 13	20 47	0 37	4 38	1 37	24 40	9 34	21 17	21 30	17 1	17 52	5 12
S 14	2 41	9 6	2 52	14 7	1 22	15 10	1 29	21 31	1 18	22 45	0 11	10 39	2 13	20 47	0 37	4 39	1 37	24 40	9 33	21 16	21 29	16 59	17 52	5 12
S 15	2 18	14 2	1 55	13 49	1 29	15 36	1 33	21 39	1 18	22 46	0 11	10 41	2 13	20 48	0 37	4 40	1 37	24 40	9 33	21 15	21 29	16 57	17 51	5 13
M16	1 54	18 28	0 50	13 30	1 36	16 2	1 38	21 47	1 18	22 46	0 11	10 43	2 13	20 48	0 37	4 41	1 37	24 41	9 33	21 15	21 28	16 55	17 50	5 14
T 17	1 31	22 7	0s18	13 10	1 42	16 27	1 42	21 55	1 19	22 47	0 11	10 46	2 13	20 48	0 37	4 41	1 37	24 41	9 33	21 15	21 28	16 52	17 50	5 14
W18	1 7	24 42	1 27	12 48	1 48	16 52	1 46	22 2	1 19	22 48	0 11	10 48	2 13	20 48	0 37	4 42	1 37	24 41	9 33	21 15	21 27	16 50	17 49	5 15
T 19	0 43	25 55	2 33	12 25	1 54	17 17	1 50	22 9	1 19	22 49	0 11	10 50	2 12	20 49	0 37	4 43	1 37	24 41	9 33	21 15	21 26	16 48	17 49	5 16
F 20	0 19	25 32	3 32	12 0	1 59	17 41	1 55	22 16	1 19	22 49	0 11	10 53	2 12	20 49	0 37	4 44	1 37	24 42	9 33	21 15	21 26	16 46	17 48	5 16
S 21	0n 4	23 29	4 19	11 34	2 3	18 5	1 59	22 23	1 19	22 50	0 10	10 55	2 12	20 49	0 37	4 45	1 37	24 42	9 33	21 14	21 25	16 43	17 48	5 17
S 22	0 28	19 51	4 51	11 7	2 8	18 29	2 3	22 30	1 19	22 51	0 10	10 58	2 12	20 49	0 36	4 46	1 37	24 42	9 33	21 13	21 25	16 41	17 47	5 18
M23	0 52	14 52	5 3	10 38	2 11	18 52	2 7	22 37	1 20	22 51	0 10	11 0	2 12	20 49	0 36	4 47	1 37	24 42	9 33	21 11	21 24	16 39	17 46	5 18
T 24	1 15	8 57	4 55	10 8	2 15	19 14	2 11	22 43	1 20	22 52	0 10	11 3	2 12	20 49	0 36	4 47	1 37	24 43	9 32	21 9	21 24	16 37	17 46	5 19
W25	1 39	2 31	4 25	9 37	2 17	19 37	2 15	22 50	1 20	22 53	0 10	11 5	2 11	20 49	0 36	4 48	1 37	24 43	9 32	21 8	21 23	16 34	17 45	5 20
T 26	2 2	3n59	3 39	9 5	2 20	19 59	2 20	22 56	1 20	22 54	0 10	11 8	2 11	20 50	0 36	4 49	1 37	24 43	9 32	21 6	21 23	16 32	17 44	5 20
F 27	2 26	10 9	2 39	8 31	2 22	20 20	2 24	23 2	1 20	22 54	0 10	11 10	2 11	20 50	0 36	4 50	1 37	24 43	9 32	21 5	21 22	16 30	17 44	5 21
S 28	2 49	15 36	1 30	7 56	2 23	20 41	2 28	23 8	1 20	22 55	0 9	11 13	2 11	20 50	0 36	4 51	1 37	24 43	9 32	21 4	21 22	16 27	17 43	5 22
S 29	3 13	20 5	0 19	7 20	2 24	21 1	2 32	23 14	1 20	22 56	0 9	11 15	2 11	20 50	0 36	4 52	1 37	24 43	9 32	21 4	21 21	16 25	17 42	5 22
M30	3 36	23 23	0n52	6 43	2 24	21 21	2 36	23 19	1 20	22 57	0 9	11 17	2 11	20 50	0 36	4 53	1 37	24 43	9 32	21 4	21 20	16 23	17 42	5 23
T 31	3n59	25n24	1n57	6s 5	2s24	21n41	2n39	23n25	1n21	22n58	0s 9	11n20	2s11	20n50	0n36	4n53	1s37	24n44	9n31	21n 4	21n20	16n20	17s41	5n24

Julian Day Number = 2343857.5, Delta T = 12.68 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'28, Lahiri = 19°44'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

APRIL 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 27	11♈ 2'31	9♋19	21♓54	26♉16	11♊18	20♊13	5♉39	29°R43	16♈14	17°R17	4°R30	5♊53	29♌55	19°R31	W 1
T 2	12 40 24	12° 1'33	21°28	23°35	27°19	11°55	20°22	5°46	29♋43	16°16	17♌16	4♊30	5°49	0♍ 2	19♐31	T 2
F 3	12 44 21	13° 0'33	3♌26	25°17	28°21	12°32	20°31	5°54	29°42	16°18	17°15	4°27	5°46	0° 9	19°30	F 3
S 4	12 48 17	13°59'31	15°19	27° 0	29°24	13° 9	20°40	6° 1	29°42	16°21	17°15	4°23	5°43	0°16	19°30	S 4
S 5	12 52 14	14°58'26	27°10	28°45	0♊25	13°45	20°48	6° 8	29°42	16°23	17°14	4°16	5°40	0°22	19°30	S 5
M 6	12 56 10	15°57'19	9♍ 3	0♈31	1°27	14°22	20°57	6°16	29°42	16°25	17°13	4° 8	5°37	0°29	19°29	M 6
T 7	13 0 7	16°56'10	21° 1	2°19	2°28	14°59	21° 7	6°23	29°D42	16°27	17°13	3°59	5°33	0°36	19°28	T 7
W 8	13 4 3	17°54'59	3♎ 6	4° 9	3°29	15°36	21°16	6°31	29°42	16°30	17°12	3°50	5°30	0°42	19°27	W 8
T 9	13 8 0	18°53'45	15°19	5°59	4°29	16°13	21°25	6°38	29°42	16°32	17°11	3°42	5°27	0°49	19°26	T 9
F 10	13 11 56	19°52'30	27°42	7°52	5°29	16°49	21°35	6°46	29°42	16°34	17°11	3°36	5°24	0°56	19°25	F 10
S 11	13 15 53	20°51'13	10♏15	9°46	6°29	17°26	21°44	6°53	29°42	16°36	17°10	3°31	5°21	1° 3	19°24	S 11
S 12	13 19 50	21°49'54	22°58	11°41	7°28	18° 3	21°54	7° 1	29°43	16°39	17°10	3°29	5°18	1° 9	19°23	S 12
M13	13 23 46	22°48'33	5♐54	13°38	8°26	18°40	22° 4	7° 8	29°43	16°41	17° 9	3°D28	5°14	1°16	19°22	M13
T 14	13 27 43	23°47'10	19° 2	15°37	9°25	19°17	22°14	7°16	29°43	16°43	17° 9	3°29	5°11	1°23	19°21	T 14
W15	13 31 39	24°45'46	2♑25	17°37	10°22	19°54	22°24	7°23	29°44	16°45	17° 9	3°31	5° 8	1°29	19°19	W15
T 16	13 35 36	25°44'20	16° 4	19°38	11°20	20°30	22°34	7°31	29°44	16°48	17° 8	3°32	5° 5	1°36	19°18	T 16
F 17	13 39 32	26°42'52	29°58	21°41	12°17	21° 7	22°44	7°38	29°45	16°50	17° 8	3°R32	5° 2	1°43	19°16	F 17
S 18	13 43 29	27°41'23	14♒ 9	23°45	13°13	21°44	22°54	7°46	29°45	16°52	17° 8	3°31	4°58	1°50	19°14	S 18
S 19	13 47 25	28°39'52	28°35	25°50	14° 9	22°21	23° 5	7°54	29°46	16°54	17° 7	3°28	4°55	1°56	19°12	S 19
M20	13 51 22	29°38'20	13♓11	27°56	15° 4	22°58	23°15	8° 1	29°46	16°57	17° 7	3°24	4°52	2° 3	19°10	M20
T 21	13 55 19	0♉36'45	27°53	0♉ 4	15°59	23°35	23°26	8° 9	29°47	16°59	17° 7	3°20	4°49	2°10	19° 8	T 21
W22	13 59 15	1°35'09	12♈33	2°12	16°53	24°12	23°37	8°17	29°48	17° 1	17° 7	3°15	4°46	2°17	19° 6	W22
T 23	14 3 12	2°33'32	27° 6	4°20	17°46	24°49	23°47	8°24	29°49	17° 3	17° 6	3°11	4°43	2°23	19° 4	T 23
F 24	14 7 8	3°31'52	11♉23	6°29	18°39	25°26	23°58	8°32	29°50	17° 6	17° 6	3° 8	4°39	2°30	19° 2	F 24
S 25	14 11 5	4°30'11	25°20	8°38	19°31	26° 3	24° 9	8°40	29°51	17° 8	17° 6	3° 7	4°36	2°37	19° 0	S 25
S 26	14 15 1	5°28'28	8♊54	10°47	20°23	26°40	24°20	8°47	29°52	17°10	17° 6	3°D 6	4°33	2°43	18°57	S 26
M27	14 18 58	6°26'43	22° 4	12°56	21°14	27°17	24°32	8°55	29°53	17°12	17° 6	3° 7	4°30	2°50	18°55	M27
T 28	14 22 54	7°24'56	4♋52	15° 3	22° 4	27°54	24°43	9° 3	29°54	17°14	17° 6	3° 9	4°27	2°57	18°52	T 28
W29	14 26 51	8°23'07	17°21	17°10	22°53	28°31	24°54	9°11	29°55	17°16	17°D 6	3°11	4°24	3° 4	18°50	W29
T 30	14 30 48	9♉21'16	29♋33	19♉15	23♊42	29♊ 8	25♊ 5	9♉18	29♋56	17♈19	17♌ 6	3♊12	4♊20	3♍10	18♐47	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n23	26n 4	2n56	5s25	2s24	22n 0	2n43	23n30	1n21	22n58	0s 9	11n22	2s11	20n50	0n36	4n54	1s37	24n44	9n31	21n 5	21n19	16n18	17s40	5n24
T 2	4 46	25 28	3 45	4 44	2 23	22 18	2 47	23 35	1 21	22 59	0 9	11 25	2 10	20 50	0 36	4 55	1 37	24 44	9 31	21 4	21 19	16 16	17 40	5 25
F 3	5 9	23 41	4 23	4 2	2 21	22 36	2 51	23 40	1 21	23 0	0 9	11 28	2 10	20 50	0 36	4 56	1 37	24 44	9 31	21 4	21 18	16 13	17 39	5 26
S 4	5 32	20 53	4 50	3 19	2 19	22 53	2 54	23 45	1 21	23 1	0 8	11 30	2 10	20 50	0 36	4 57	1 37	24 44	9 31	21 3	21 18	16 11	17 38	5 26
S 5	5 55	17 14	5 4	2 35	2 16	23 10	2 58	23 50	1 21	23 1	0 8	11 33	2 10	20 50	0 36	4 58	1 37	24 44	9 31	21 2	21 17	16 9	17 38	5 27
M 6	6 17	12 54	5 5	1 50	2 13	23 27	3 2	23 54	1 21	23 2	0 8	11 35	2 10	20 50	0 36	4 59	1 37	24 44	9 31	21 0	21 17	16 6	17 37	5 28
T 7	6 40	8 3	4 53	1 4	2 10	23 43	3 5	23 59	1 21	23 3	0 8	11 38	2 10	20 50	0 36	5 0	1 37	24 44	9 30	20 59	21 16	16 4	17 36	5 28
W 8	7 2	2 52	4 28	0 17	2 6	23 58	3 8	24 3	1 21	23 4	0 8	11 40	2 10	20 50	0 36	5 0	1 37	24 44	9 30	20 57	21 15	16 2	17 35	5 29
T 9	7 25	2s30	3 50	0n32	2 1	24 13	3 12	24 7	1 21	23 4	0 8	11 43	2 10	20 50	0 36	5 1	1 37	24 44	9 30	20 56	21 15	15 59	17 35	5 30
F 10	7 47	7 51	3 1	1 21	1 56	24 27	3 15	24 10	1 21	23 5	0 8	11 45	2 10	20 50	0 36	5 2	1 37	24 44	9 30	20 54	21 14	15 57	17 34	5 30
S 11	8 9	12 59	2 2	2 11	1 51	24 41	3 18	24 14	1 21	23 6	0 8	11 48	2 10	20 50	0 36	5 3	1 37	24 44	9 30	20 54	21 14	15 55	17 33	5 31
S 12	8 31	17 38	0 57	3 2	1 45	24 54	3 21	24 18	1 21	23 6	0 7	11 50	2 9	20 50	0 36	5 4	1 37	24 44	9 30	20 53	21 13	15 52	17 32	5 32
M13	8 53	21 33	0s13	3 53	1 38	25 6	3 24	24 21	1 21	23 7	0 7	11 53	2 9	20 50	0 36	5 5	1 37	24 44	9 29	20 53	21 13	15 50	17 32	5 32
T 14	9 15	24 25	1 24	4 45	1 31	25 18	3 27	24 24	1 22	23 8	0 7	11 55	2 9	20 50	0 36	5 6	1 37	24 44	9 29	20 53	21 12	15 48	17 31	5 33
W15	9 36	25 58	2 31	5 38	1 23	25 30	3 30	24 27	1 22	23 9	0 7	11 58	2 9	20 50	0 36	5 6	1 37	24 44	9 29	20 53	21 11	15 45	17 30	5 34
T 16	9 58	26 0	3 31	6 32	1 15	25 41	3 32	24 30	1 22	23 9	0 7	12 0	2 9	20 49	0 36	5 7	1 37	24 44	9 29	20 54	21 11	15 43	17 30	5 34
F 17	10 19	24 25	4 20	7 26	1 7	25 51	3 35	24 32	1 22	23 10	0 7	12 3	2 9	20 49	0 36	5 8	1 37	24 44	9 29	20 54	21 10	15 40	17 29	5 35
S 18	10 40	21 17	4 54	8 20	0 58	26 1	3 37	24 35	1 22	23 11	0 7	12 5	2 9	20 49	0 36	5 9	1 37	24 44	9 28	20 54	21 10	15 38	17 28	5 36
S 19	11 1	16 50	5 10	9 15	0 49	26 10	3 40	24 37	1 22	23 11	0 7	12 8	2 9	20 49	0 36	5 10	1 37	24 44	9 28	20 53	21 9	15 36	17 27	5 36
M20	11 22	11 20	5 7	10 9	0 39	26 19	3 42	24 39	1 22	23 12	0 6	12 10	2 9	20 49	0 36	5 11	1 37	24 44	9 28	20 52	21 9	15 33	17 26	5 37
T 21	11 42	5 10	4 43	11 3	0 29	26 27	3 44	24 41	1 22	23 13	0 6	12 13	2 9	20 49	0 36	5 12	1 37	24 44	9 28	20 51	21 8	15 31	17 26	5 37
W22	12 3	1n16	4 1	11 58	0 19	26 35	3 46	24 43	1 22	23 13	0 6	12 15	2 9	20 48	0 36	5 12	1 37	24 43	9 28	20 50	21 7	15 28	17 25	5 38
T 23	12 23	7 35	3 4	12 51	0 8	26 42	3 48	24 44	1 22	23 14	0 6	12 18	2 9	20 48	0 36	5 13	1 37	24 43	9 28	20 50	21 7	15 26	17 24	5 39
F 24	12 43	13 26	1 56	13 44	0n 2	26 48	3 50	24 46	1 22	23 15	0 6	12 20	2 9	20 48	0 36	5 14	1 37	24 43	9 27	20 49	21 6	15 24	17 23	5 39
S 25	13 3	18 26	0 42	14 36	0 13	26 54	3 51	24 47	1 22	23 15	0 6	12 23	2 9	20 48	0 36	5 15	1 37	24 43	9 27	20 49	21 6	15 21	17 23	5 40
S 26	13 22	22 21	0n32	15 27	0 24	27 0	3 52	24 48	1 22	23 16	0 6	12 25	2 9	20 48	0 36	5 16	1 37	24 43	9 27	20 49	21 5	15 19	17 22	5 40
M27	13 41	24 56	1 42	16 17	0 34	27 4	3 54	24 49	1 22	23 16	0 6	12 28	2 9	20 47	0 36	5 16	1 37	24 43	9 27	20 49	21 5	15 16	17 21	5 41
T 28	14 1	26 9	2 45	17 5	0 45	27 9	3 55	24 49	1 22	23 17	0 5	12 30	2 8	20 47	0 36	5 17	1 37	24 43	9 27	20 49	21 4	15 14	17 20	5 41
W29	14 19	25 59	3 39	17 52	0 55	27 13	3 56	24 50	1 22	23 17	0 5	12 33	2 8	20 47	0 36	5 18	1 37	24 42	9 26	20 50	21 3	15 11	17 20	5 42
T 30	14n38	24n33	4n22	18n37	1n 5	27n16	3n56	24n50	1n22	23n18	0s 5	12n35	2s 8	20n47	0n35	5n19	1s37	24n42	9n26	20n50	21n 3	15n 9	17s19	5n43

Julian Day Number = 2343888.5, Delta T = 12.66 sec
Ecliptic obliquity = 23°28'44, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'32, Lahiri = 19°44'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

MAY 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 34 44	10♉19'24	11♌34	21♉19	24♊30	29♊45	25♊17	9♉26	29♋57	17♈21	17♌ 6	3°R12	4♊17	3♍17	18°R44	F 1
S 2	14 38 41	11°17'29	23°29	23°20	25°17	0♋22	25°28	9°34	29°59	17°23	17° 6	3♊12	4°14	3°24	18♐41	S 2
S 3	14 42 37	12°15'32	5♍22	25°20	26° 3	0°59	25°40	9°41	29°59	17°25	17° 6	3°10	4°11	3°31	18°39	S 3
M 4	14 46 34	13°13'33	17°17	27°17	26°48	1°36	25°52	9°49	0♌ 1	17°27	17° 6	3° 8	4° 8	3°37	18°36	M 4
T 5	14 50 30	14°11'32	29°18	29°11	27°33	2°13	26° 3	9°57	0° 3	17°29	17° 6	3° 5	4° 4	3°44	18°33	T 5
W 6	14 54 27	15° 9'30	11♎29	1♊ 3	28°16	2°50	26°15	10° 4	0° 4	17°31	17° 7	3° 2	4° 1	3°51	18°29	W 6
T 7	14 58 23	16° 7'26	23°51	2°51	28°58	3°27	26°27	10°12	0° 6	17°33	17° 7	2°59	3°58	3°57	18°26	T 7
F 8	15 2 20	17° 5'20	6♏27	4°37	29°40	4° 4	26°39	10°20	0° 7	17°35	17° 7	2°57	3°55	4° 4	18°23	F 8
S 9	15 6 16	18° 3'12	19°17	6°19	0♋20	4°41	26°51	10°28	0° 9	17°37	17° 7	2°56	3°52	4°11	18°20	S 9
S 10	15 10 13	19° 1'04	2♐22	7°58	0°59	5°18	27° 3	10°35	0°11	17°39	17° 8	2°D56	3°49	4°18	18°16	S 10
M11	15 14 10	19°58'53	15°40	9°34	1°37	5°55	27°15	10°43	0°12	17°41	17° 8	2°56	3°45	4°24	18°13	M11
T 12	15 18 6	20°56'42	29°12	11° 6	2°13	6°32	27°27	10°50	0°14	17°43	17° 8	2°57	3°42	4°31	18°10	T 12
W13	15 22 3	21°54'29	12♑55	12°35	2°49	7° 9	27°40	10°58	0°16	17°45	17° 9	2°58	3°39	4°38	18° 6	W13
T 14	15 25 59	22°52'15	26°49	14° 0	3°23	7°46	27°52	11° 6	0°18	17°47	17° 9	2°59	3°36	4°44	18° 2	T 14
F 15	15 29 56	23°50'00	10♒53	15°21	3°55	8°23	28° 4	11°13	0°20	17°49	17° 9	2°59	3°33	4°51	17°59	F 15
S 16	15 33 52	24°47'44	25° 3	16°39	4°27	9° 0	28°17	11°21	0°22	17°51	17°10	2°R59	3°30	4°58	17°55	S 16
S 17	15 37 49	25°45'26	9♓19	17°53	4°57	9°37	28°29	11°28	0°24	17°53	17°10	2°59	3°26	5° 5	17°52	S 17
M18	15 41 46	26°43'08	23°36	19° 4	5°25	10°14	28°42	11°36	0°26	17°55	17°11	2°59	3°23	5°11	17°48	M18
T 19	15 45 42	27°40'48	7♈54	20°10	5°52	10°51	28°54	11°44	0°28	17°57	17°11	2°58	3°20	5°18	17°44	T 19
W20	15 49 39	28°38'28	22° 6	21°13	6°17	11°29	29° 7	11°51	0°30	17°58	17°12	2°58	3°17	5°25	17°40	W20
T 21	15 53 35	29°36'06	6♉11	22°11	6°40	12° 6	29°19	11°59	0°32	18° 0	17°13	2°57	3°14	5°32	17°36	T 21
F 22	15 57 32	0♊33'44	20° 3	23° 6	7° 2	12°43	29°32	12° 6	0°34	18° 2	17°13	2°57	3°10	5°38	17°32	F 22
S 23	16 1 28	1°31'20	3♊40	23°57	7°22	13°20	29°45	12°13	0°37	18° 4	17°14	2°D57	3° 7	5°45	17°28	S 23
S 24	16 5 25	2°28'55	17° 1	24°43	7°40	13°57	29°58	12°21	0°39	18° 5	17°15	2°R57	3° 4	5°52	17°25	S 24
M25	16 9 21	3°26'29	0♋ 3	25°25	7°56	14°34	0♋11	12°28	0°41	18° 7	17°15	2°57	3° 1	5°58	17°21	M25
T 26	16 13 18	4°24'02	12°46	26° 3	8°11	15°11	0°23	12°36	0°44	18° 9	17°16	2°57	2°58	6° 5	17°16	T 26
W27	16 17 15	5°21'34	25°14	26°37	8°23	15°48	0°36	12°43	0°46	18°11	17°17	2°57	2°55	6°12	17°12	W27
T 28	16 21 11	6°19'04	7♌27	27° 6	8°33	16°26	0°49	12°50	0°49	18°12	17°18	2°56	2°51	6°19	17° 8	T 28
F 29	16 25 8	7°16'33	19°29	27°30	8°41	17° 3	1° 2	12°58	0°51	18°14	17°18	2°56	2°48	6°25	17° 4	F 29
S 30	16 29 4	8°14'00	1♍25	27°50	8°46	17°40	1°15	13° 5	0°54	18°16	17°19	2°56	2°45	6°32	17° 0	S 30
S 31	16 33 1	9♊11'27	13♍18	28♊ 6	8♋50	18♋17	1♋28	13♉12	0♌56	18♈17	17♌20	2°D56	2♊42	6♍39	16♐56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14n56	22n 1	4n52	19n19	1n15	27n19	3n57	24n50	1n21	23n19	0s 5	12n38	2s 8	20n46	0n35	5n20	1s37	24n42	9n26	20n50	21n 2	15n 6	17s18	5n43	F 1
S 2	15 15	18 35	5 10	20 0	1 24	27 21	3 57	24 50	1 21	23 19	0 5	12 40	2 8	20 46	0 35	5 20	1 37	24 42	9 26	20 50	21 2	15 4	17 17	5 44	S 2
S 3	15 32	14 25	5 14	20 38	1 33	27 23	3 58	24 50	1 21	23 20	0 5	12 43	2 8	20 46	0 35	5 21	1 37	24 42	9 26	20 49	21 1	15 2	17 17	5 44	S 3
M 4	15 50	9 42	5 5	21 13	1 41	27 24	3 58	24 50	1 21	23 20	0 5	12 45	2 8	20 45	0 35	5 22	1 37	24 41	9 25	20 49	21 0	14 59	17 16	5 45	M 4
T 5	16 7	4 36	4 42	21 47	1 49	27 25	3 57	24 49	1 21	23 20	0 5	12 48	2 8	20 45	0 35	5 23	1 37	24 41	9 25	20 48	21 0	14 57	17 15	5 45	T 5
W 6	16 25	0s46	4 7	22 17	1 56	27 25	3 57	24 48	1 21	23 21	0 5	12 50	2 8	20 45	0 35	5 24	1 37	24 41	9 25	20 48	20 59	14 54	17 14	5 46	W 6
T 7	16 41	6 11	3 19	22 45	2 2	27 25	3 56	24 47	1 21	23 21	0 4	12 52	2 8	20 44	0 35	5 24	1 37	24 41	9 25	20 47	20 59	14 52	17 14	5 46	T 7
F 8	16 58	11 28	2 21	23 11	2 7	27 24	3 55	24 46	1 21	23 22	0 4	12 55	2 8	20 44	0 35	5 25	1 37	24 40	9 25	20 47	20 58	14 49	17 13	5 47	F 8
S 9	17 14	16 23	1 15	23 34	2 12	27 23	3 54	24 45	1 21	23 22	0 4	12 57	2 8	20 44	0 35	5 26	1 37	24 40	9 24	20 47	20 57	14 47	17 12	5 47	S 9
S 10	17 30	20 37	0 3	23 55	2 16	27 22	3 53	24 43	1 21	23 23	0 4	13 0	2 8	20 43	0 35	5 26	1 37	24 40	9 24	20 47	20 57	14 44	17 11	5 48	S 10
M11	17 46	23 52	1s10	24 13	2 19	27 20	3 52	24 42	1 21	23 23	0 4	13 2	2 8	20 43	0 35	5 27	1 37	24 40	9 24	20 47	20 56	14 42	17 11	5 48	M11
T 12	18 1	25 49	2 20	24 29	2 22	27 17	3 50	24 40	1 21	23 23	0 4	13 4	2 8	20 42	0 35	5 28	1 37	24 39	9 24	20 47	20 56	14 39	17 10	5 49	T 12
W13	18 16	26 14	3 23	24 42	2 23	27 14	3 48	24 38	1 21	23 24	0 4	13 7	2 8	20 42	0 35	5 29	1 37	24 39	9 24	20 47	20 55	14 37	17 9	5 49	W13
T 14	18 31	25 0	4 16	24 54	2 24	27 11	3 45	24 36	1 21	23 24	0 4	13 9	2 8	20 42	0 35	5 29	1 37	24 39	9 23	20 47	20 54	14 34	17 8	5 49	T 14
F 15	18 46	22 14	4 53	25 3	2 23	27 8	3 43	24 33	1 21	23 24	0 4	13 11	2 8	20 41	0 35	5 30	1 37	24 38	9 23	20 47	20 54	14 32	17 8	5 50	F 15
S 16	19 0	18 6	5 13	25 10	2 22	27 4	3 40	24 31	1 21	23 25	0 4	13 14	2 8	20 41	0 35	5 31	1 37	24 38	9 23	20 47	20 53	14 29	17 7	5 50	S 16
S 17	19 14	12 57	5 15	25 15	2 20	26 59	3 36	24 28	1 20	23 25	0 3	13 16	2 8	20 40	0 35	5 31	1 37	24 38	9 23	20 47	20 53	14 27	17 6	5 51	S 17
M18	19 27	7 4	4 56	25 18	2 17	26 55	3 33	24 25	1 20	23 25	0 3	13 18	2 8	20 40	0 35	5 32	1 38	24 37	9 23	20 47	20 52	14 24	17 5	5 51	M18
T 19	19 41	0 50	4 20	25 20	2 14	26 50	3 29	24 22	1 20	23 25	0 3	13 20	2 8	20 39	0 35	5 33	1 38	24 37	9 22	20 47	20 51	14 22	17 5	5 51	T 19
W20	19 53	5n25	3 27	25 20	2 9	26 44	3 25	24 19	1 20	23 25	0 3	13 23	2 8	20 39	0 35	5 33	1 38	24 37	9 22	20 47	20 51	14 19	17 4	5 52	W20
T 21	20 6	11 21	2 23	25 18	2 3	26 39	3 20	24 15	1 20	23 26	0 3	13 25	2 8	20 38	0 35	5 34	1 38	24 36	9 22	20 47	20 50	14 17	17 3	5 52	T 21
F 22	20 18	16 39	1 11	25 14	1 57	26 33	3 15	24 12	1 20	23 26	0 3	13 27	2 8	20 38	0 35	5 35	1 38	24 36	9 22	20 47	20 50	14 14	17 3	5 53	F 22
S 23	20 30	20 59	0n 4	25 9	1 49	26 26	3 10	24 8	1 20	23 26	0 3	13 29	2 8	20 37	0 35	5 35	1 38	24 35	9 22	20 47	20 49	14 11	17 2	5 53	S 23
S 24	20 41	24 7	1 17	25 3	1 41	26 20	3 4	24 4	1 20	23 26	0 3	13 32	2 9	20 37	0 35	5 36	1 38	24 35	9 21	20 47	20 48	14 9	17 1	5 53	S 24
M25	20 53	25 53	2 25	24 56	1 32	26 13	2 58	24 0	1 20	23 26	0 3	13 34	2 9	20 36	0 35	5 37	1 38	24 35	9 21	20 47	20 48	14 6	17 1	5 54	M25
T 26	21 3	26 14	3 23	24 47	1 22	26 5	2 52	23 56	1 20	23 26	0 2	13 36	2 9	20 36	0 35	5 37	1 38	24 34	9 21	20 47	20 47	14 4	17 0	5 54	T 26
W27	21 14	25 14	4 11	24 37	1 11	25 58	2 45	23 51	1 19	23 26	0 2	13 38	2 9	20 35	0 35	5 38	1 38	24 34	9 21	20 47	20 46	14 1	16 59	5 54	W27
T 28	21 24	23 3	4 46	24 26	0 59	25 50	2 38	23 47	1 19	23 26	0 2	13 40	2 9	20 35	0 35	5 38	1 38	24 33	9 21	20 47	20 46	13 59	16 59	5 54	T 28
F 29	21 34	19 52	5 8	24 14	0 46	25 42	2 30	23 42	1 19	23 26	0 2	13 42	2 9	20 34	0 35	5 39	1 38	24 33	9 21	20 47	20 45	13 56	16 58	5 55	F 29
S 30	21 43	15 55	5 17	24 1	0 33	25 33	2 22	23 37	1 19	23 26	0 2	13 45	2 9	20 33	0 35	5 40	1 38	24 33	9 20	20 47	20 45	13 54	16 57	5 55	S 30
S 31	21n52	11n22	5n11	23n47	0n19	25n25	2n14	23n32	1n19	23n26	0s 2	13n47	2s 9	20n33	0n35	5n40	1s38	24n32	9n20	20n47	20n44	13n51	16s57	5n55	S 31

Julian Day Number = 2343918.5, Delta T = 12.64 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'37, Lahiri = 19°44'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

JUNE 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 36 57	10♊ 8'52	25♍14	28♊16	8°R51	18♋54	1♋42	13♉19	0♌59	18♈19	17♌21	2♊56	2♊39	6♍46	16°R52	M 1
T 2	16 40 54	11° 6'15	7♎17	28°22	8♋49	19°31	1°55	13°26	1° 1	18°20	17°22	2°57	2°36	6°52	16♐48	T 2
W 3	16 44 50	12° 3'38	19°30	28°R24	8°46	20° 9	2° 8	13°34	1° 4	18°22	17°23	2°58	2°32	6°59	16°44	W 3
T 4	16 48 47	13° 1'00	1♏58	28°21	8°40	20°46	2°21	13°41	1° 7	18°23	17°24	2°58	2°29	7° 6	16°39	T 4
F 5	16 52 44	13°58'21	14°44	28°13	8°31	21°23	2°34	13°48	1°10	18°25	17°25	2°59	2°26	7°12	16°35	F 5
S 6	16 56 40	14°55'41	27°48	28° 2	8°20	22° 0	2°48	13°55	1°12	18°26	17°26	3°R 0	2°23	7°19	16°31	S 6
S 7	17 0 37	15°53'00	11♐12	27°46	8° 7	22°37	3° 1	14° 2	1°15	18°28	17°27	3° 0	2°20	7°26	16°27	S 7
M 8	17 4 33	16°50'18	24°55	27°27	7°51	23°15	3°14	14° 9	1°18	18°29	17°28	2°59	2°16	7°33	16°23	M 8
T 9	17 8 30	17°47'36	8♑54	27° 4	7°33	23°52	3°27	14°15	1°21	18°30	17°29	2°58	2°13	7°39	16°18	T 9
W10	17 12 26	18°44'53	23° 4	26°38	7°13	24°29	3°41	14°22	1°24	18°32	17°30	2°56	2°10	7°46	16°14	W10
T 11	17 16 23	19°42'10	7♒23	26° 9	6°50	25° 6	3°54	14°29	1°27	18°33	17°31	2°54	2° 7	7°53	16°10	T 11
F 12	17 20 19	20°39'26	21°45	25°38	6°25	25°43	4° 8	14°36	1°30	18°34	17°32	2°52	2° 4	7°59	16° 6	F 12
S 13	17 24 16	21°36'42	6♓ 6	25° 6	5°59	26°21	4°21	14°43	1°33	18°36	17°33	2°50	2° 1	8° 6	16° 2	S 13
S 14	17 28 13	22°33'57	20°23	24°32	5°30	26°58	4°34	14°49	1°36	18°37	17°35	2°D50	1°57	8°13	15°58	S 14
M15	17 32 9	23°31'13	4♈32	23°58	5° 0	27°35	4°48	14°56	1°39	18°38	17°36	2°50	1°54	8°20	15°54	M15
T 16	17 36 6	24°28'28	18°32	23°24	4°28	28°12	5° 1	15° 2	1°42	18°39	17°37	2°51	1°51	8°26	15°49	T 16
W17	17 40 2	25°25'43	2♉21	22°50	3°54	28°50	5°15	15° 9	1°45	18°40	17°38	2°52	1°48	8°33	15°45	W17
T 18	17 43 59	26°22'58	15°59	22°17	3°19	29°27	5°28	15°15	1°48	18°41	17°40	2°54	1°45	8°40	15°41	T 18
F 19	17 47 55	27°20'12	29°25	21°47	2°44	0♌ 4	5°42	15°22	1°52	18°43	17°41	2°R54	1°42	8°47	15°37	F 19
S 20	17 51 52	28°17'27	12♊39	21°18	2° 7	0°42	5°55	15°28	1°55	18°44	17°42	2°54	1°38	8°53	15°33	S 20
S 21	17 55 48	29°14'41	25°39	20°52	1°30	1°19	6° 9	15°35	1°58	18°45	17°44	2°53	1°35	9° 0	15°29	S 21
M22	17 59 45	0♋11'55	8♋26	20°30	0°53	1°56	6°22	15°41	2° 1	18°46	17°45	2°50	1°32	9° 7	15°25	M22
T 23	18 3 42	1° 9'09	20°59	20°11	0°16	2°34	6°36	15°47	2° 5	18°47	17°46	2°46	1°29	9°13	15°21	T 23
W24	18 7 38	2° 6'22	3♌20	19°56	29♊38	3°11	6°49	15°53	2° 8	18°48	17°48	2°41	1°26	9°20	15°17	W24
T 25	18 11 35	3° 3'35	15°29	19°45	29° 1	3°48	7° 3	15°59	2°11	18°49	17°49	2°36	1°22	9°27	15°14	T 25
F 26	18 15 31	4° 0'48	27°30	19°38	28°25	4°26	7°17	16° 5	2°15	18°49	17°51	2°31	1°19	9°34	15°10	F 26
S 27	18 19 28	4°58'00	9♍25	19°D37	27°49	5° 3	7°30	16°11	2°18	18°50	17°52	2°27	1°16	9°40	15° 6	S 27
S 28	18 23 24	5°55'12	21°17	19°40	27°15	5°40	7°44	16°17	2°21	18°51	17°54	2°25	1°13	9°47	15° 2	S 28
M29	18 27 21	6°52'24	3♎11	19°48	26°41	6°18	7°57	16°23	2°25	18°52	17°55	2°D24	1°10	9°54	14°59	M29
T 30	18 31 17	7♋49'35	15♎12	20♊ 0	26♊ 9	6♌55	8♋11	16♉29	2♌28	18♈53	17♌57	2♊24	1♊ 7	10♍ 1	14♐55	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 0	6n23	4n53	23n32	0n 4	25n16	2n 5	23n27	1n19	23n26	0s 2	13n49	2s 9	20n32	0n35	5n41	1s38	24n32	9n20	20n47	20n43	13n48	16s56	5n55
T 2	22 9	1 7	4 22	23 17	0s11	25 6	1 56	23 21	1 19	23 26	0 2	13 51	2 9	20 32	0 35	5 41	1 38	24 31	9 20	20 47	20 43	13 46	16 55	5 56
W 3	22 16	4s17	3 38	23 1	0 27	24 57	1 46	23 16	1 19	23 26	0 2	13 53	2 9	20 31	0 35	5 42	1 38	24 31	9 20	20 47	20 42	13 43	16 55	5 56
T 4	22 24	9 37	2 43	22 45	0 43	24 47	1 36	23 10	1 18	23 26	0 2	13 55	2 9	20 31	0 35	5 42	1 38	24 30	9 20	20 47	20 42	13 41	16 54	5 56
F 5	22 31	14 42	1 39	22 28	1 0	24 37	1 25	23 4	1 18	23 26	0 1	13 57	2 9	20 30	0 35	5 43	1 38	24 30	9 19	20 47	20 41	13 38	16 54	5 56
S 6	22 38	19 14	0 29	22 11	1 17	24 27	1 14	22 58	1 18	23 26	0 1	13 59	2 9	20 29	0 35	5 43	1 38	24 29	9 19	20 47	20 40	13 35	16 53	5 56
S 7	22 44	22 54	0s45	21 54	1 34	24 16	1 2	22 52	1 18	23 25	0 1	14 1	2 9	20 29	0 35	5 44	1 38	24 29	9 19	20 47	20 40	13 33	16 52	5 57
M 8	22 50	25 21	1 58	21 36	1 51	24 5	0 51	22 45	1 18	23 25	0 1	14 3	2 9	20 28	0 35	5 44	1 38	24 28	9 19	20 47	20 39	13 30	16 52	5 57
T 9	22 55	26 16	3 5	21 19	2 8	23 54	0 38	22 39	1 18	23 25	0 1	14 5	2 10	20 27	0 35	5 45	1 39	24 28	9 19	20 47	20 38	13 28	16 51	5 57
W10	23 0	25 29	4 2	21 2	2 25	23 43	0 26	22 32	1 18	23 25	0 1	14 7	2 10	20 27	0 35	5 45	1 39	24 27	9 19	20 47	20 38	13 25	16 51	5 57
T 11	23 5	23 2	4 44	20 45	2 41	23 31	0 13	22 25	1 17	23 24	0 1	14 9	2 10	20 26	0 35	5 46	1 39	24 27	9 18	20 46	20 37	13 22	16 50	5 57
F 12	23 9	19 9	5 9	20 28	2 56	23 19	0s 1	22 18	1 17	23 24	0 1	14 11	2 10	20 25	0 35	5 46	1 39	24 26	9 18	20 46	20 36	13 20	16 50	5 57
S 13	23 13	14 9	5 14	20 12	3 11	23 7	0 14	22 11	1 17	23 24	0 1	14 12	2 10	20 25	0 35	5 47	1 39	24 26	9 18	20 46	20 36	13 17	16 49	5 57
S 14	23 16	8 25	5 0	19 57	3 25	22 54	0 28	22 3	1 17	23 23	0 1	14 14	2 10	20 24	0 35	5 47	1 39	24 25	9 18	20 46	20 35	13 14	16 49	5 58
M15	23 19	2 18	4 28	19 42	3 38	22 41	0 42	21 56	1 17	23 23	0 0	14 16	2 10	20 23	0 35	5 47	1 39	24 25	9 18	20 46	20 35	13 12	16 48	5 58
T 16	23 22	3n53	3 40	19 29	3 50	22 28	0 56	21 48	1 17	23 23	0 0	14 18	2 10	20 23	0 35	5 48	1 39	24 24	9 18	20 46	20 34	13 9	16 48	5 58
W17	23 24	9 48	2 40	19 17	4 1	22 15	1 10	21 41	1 16	23 22	0 0	14 20	2 10	20 22	0 35	5 48	1 39	24 24	9 18	20 46	20 33	13 7	16 47	5 58
T 18	23 26	15 11	1 32	19 6	4 10	22 2	1 24	21 33	1 16	23 22	0 0	14 21	2 10	20 21	0 35	5 49	1 39	24 23	9 17	20 46	20 33	13 4	16 47	5 58
F 19	23 27	19 45	0 19	18 56	4 18	21 49	1 38	21 24	1 16	23 21	0 0	14 23	2 11	20 20	0 35	5 49	1 39	24 23	9 17	20 46	20 32	13 1	16 46	5 58
S 20	23 28	23 14	0n53	18 48	4 24	21 35	1 52	21 16	1 16	23 21	0 0	14 25	2 11	20 20	0 35	5 49	1 39	24 22	9 17	20 46	20 31	12 59	16 46	5 58
S 21	23 29	25 26	2 1	18 41	4 29	21 22	2 6	21 8	1 16	23 20	0n 0	14 27	2 11	20 19	0 35	5 50	1 39	24 22	9 17	20 46	20 31	12 56	16 45	5 58
M22	23 29	26 15	3 2	18 36	4 33	21 8	2 20	20 59	1 16	23 20	0 0	14 28	2 11	20 18	0 35	5 50	1 39	24 21	9 17	20 46	20 30	12 53	16 45	5 58
T 23	23 28	25 41	3 53	18 33	4 35	20 55	2 34	20 51	1 15	23 19	0 0	14 30	2 11	20 17	0 35	5 50	1 39	24 20	9 17	20 45	20 29	12 51	16 45	5 58
W24	23 28	23 51	4 32	18 31	4 35	20 42	2 47	20 42	1 15	23 19	0 0	14 32	2 11	20 17	0 34	5 51	1 39	24 20	9 17	20 44	20 29	12 48	16 44	5 58
T 25	23 27	20 57	4 58	18 31	4 35	20 29	3 0	20 33	1 15	23 18	0 0	14 33	2 11	20 16	0 34	5 51	1 39	24 19	9 17	20 43	20 28	12 45	16 44	5 58
F 26	23 25	17 13	5 10	18 33	4 33	20 16	3 12	20 24	1 15	23 17	0 1	14 35	2 11	20 15	0 34	5 51	1 39	24 19	9 16	20 42	20 28	12 43	16 43	5 58
S 27	23 23	12 50	5 9	18 36	4 29	20 3	3 24	20 15	1 15	23 17	0 1	14 36	2 12	20 14	0 34	5 51	1 39	24 18	9 16	20 41	20 27	12 40	16 43	5 58
S 28	23 21	7 59	4 55	18 41	4 25	19 51	3 36	20 5	1 14	23 16	0 1	14 38	2 12	20 14	0 34	5 52	1 40	24 18	9 16	20 41	20 26	12 37	16 43	5 58
M29	23 18	2 50	4 28	18 47	4 19	19 39	3 47	19 56	1 14	23 15	0 1	14 40	2 12	20 13	0 34	5 52	1 40	24 17	9 16	20 40	20 26	12 34	16 42	5 58
T 30	23n15	2s29	3n49	18n55	4s12	19n28	3s57	19n46	1n14	23n14	0n 1	14n41	2s12	20n12	0n34	5n52	1s40	24n16	9n16	20n41	20n25	12n32	16s42	5n58

Julian Day Number = 2343949.5, Delta T = 12.61 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'41, Lahiri = 19°44'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

JULY 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 14	8♋46'46	27♎25	20♊18	25°R39	7♌33	8♋24	16♉35	2♌32	18♈53	17♌58	2♊25	1♊ 3	10♍ 7	14°R51	W 1
T 2	18 39 11	9°43'57	9♏53	20°41	25♊10	8°10	8°38	16°40	2°35	18°54	18° 0	2°27	1° 0	10°14	14♐48	T 2
F 3	18 43 7	10°41'08	22°42	21° 9	24°44	8°48	8°52	16°46	2°39	18°55	18° 1	2°28	0°57	10°21	14°44	F 3
S 4	18 47 4	11°38'18	5♐55	21°42	24°19	9°25	9° 5	16°51	2°42	18°55	18° 3	2°R28	0°54	10°27	14°41	S 4
S 5	18 51 0	12°35'29	19°31	22°20	23°57	10° 2	9°19	16°57	2°46	18°56	18° 4	2°27	0°51	10°34	14°37	S 5
M 6	18 54 57	13°32'39	3♑33	23° 3	23°36	10°40	9°32	17° 2	2°49	18°56	18° 6	2°24	0°48	10°41	14°34	M 6
T 7	18 58 53	14°29'50	17°55	23°51	23°18	11°17	9°46	17° 8	2°53	18°57	18° 8	2°19	0°44	10°48	14°31	T 7
W 8	19 2 50	15°27'01	2♒32	24°44	23° 3	11°55	9°59	17°13	2°56	18°58	18° 9	2°13	0°41	10°54	14°27	W 8
T 9	19 6 47	16°24'13	17°18	25°41	22°49	12°32	10°13	17°18	3° 0	18°58	18°11	2° 7	0°38	11° 1	14°24	T 9
F 10	19 10 43	17°21'24	2♓ 5	26°43	22°39	13°10	10°26	17°23	3° 3	18°58	18°13	2° 1	0°35	11° 8	14°21	F 10
S 11	19 14 40	18°18'37	16°45	27°50	22°30	13°47	10°40	17°28	3° 7	18°59	18°14	1°56	0°32	11°14	14°18	S 11
S 12	19 18 36	19°15'50	1♈12	29° 2	22°24	14°25	10°53	17°33	3°11	18°59	18°16	1°52	0°28	11°21	14°15	S 12
M13	19 22 33	20°13'03	15°23	0♋17	22°20	15° 2	11° 7	17°38	3°14	19° 0	18°18	1°D51	0°25	11°28	14°12	M13
T 14	19 26 29	21°10'17	29°16	1°38	22°D19	15°40	11°20	17°43	3°18	19° 0	18°19	1°51	0°22	11°35	14° 9	T 14
W15	19 30 26	22° 7'32	12♉52	3° 3	22°20	16°18	11°34	17°48	3°21	19° 0	18°21	1°52	0°19	11°41	14° 7	W15
T 16	19 34 22	23° 4'48	26°12	4°32	22°23	16°55	11°47	17°52	3°25	19° 0	18°23	1°R53	0°16	11°48	14° 4	T 16
F 17	19 38 19	24° 2'05	9♊17	6° 5	22°29	17°33	12° 0	17°57	3°29	19° 1	18°25	1°53	0°13	11°55	14° 1	F 17
S 18	19 42 16	24°59'22	22° 9	7°42	22°37	18°10	12°14	18° 2	3°32	19° 1	18°26	1°51	0° 9	12° 2	13°59	S 18
S 19	19 46 12	25°56'40	4♋49	9°23	22°47	18°48	12°27	18° 6	3°36	19° 1	18°28	1°47	0° 6	12° 8	13°56	S 19
M20	19 50 9	26°53'59	17°19	11° 7	22°59	19°26	12°41	18°10	3°40	19° 1	18°30	1°40	0° 3	12°15	13°54	M20
T 21	19 54 5	27°51'19	29°39	12°55	23°13	20° 3	12°54	18°15	3°43	19° 1	18°32	1°31	29♉59	12°22	13°51	T 21
W22	19 58 2	28°48'39	11♌50	14°46	23°29	20°41	13° 7	18°19	3°47	19° 1	18°33	1°21	29°57	12°28	13°49	W22
T 23	20 1 58	29°46'00	23°53	16°40	23°46	21°19	13°20	18°23	3°51	19°R 1	18°35	1°10	29°54	12°35	13°47	T 23
F 24	20 5 55	0♌43'21	5♍50	18°37	24° 6	21°56	13°34	18°27	3°55	19° 1	18°37	1° 0	29°50	12°42	13°45	F 24
S 25	20 9 51	1°40'43	17°42	20°36	24°27	22°34	13°47	18°31	3°58	19° 1	18°39	0°51	29°47	12°49	13°43	S 25
S 26	20 13 48	2°38'06	29°33	22°36	24°51	23°12	14° 0	18°35	4° 2	19° 1	18°41	0°43	29°44	12°55	13°41	S 26
M27	20 17 45	3°35'29	11♎25	24°38	25°15	23°50	14°13	18°38	4° 6	19° 1	18°43	0°39	29°41	13° 2	13°39	M27
T 28	20 21 41	4°32'52	23°24	26°42	25°42	24°27	14°26	18°42	4° 9	19° 1	18°44	0°36	29°38	13° 9	13°37	T 28
W29	20 25 38	5°30'17	5♏34	28°46	26°10	25° 5	14°39	18°46	4°13	19° 1	18°46	0°D36	29°34	13°15	13°36	W29
T 30	20 29 34	6°27'42	17°59	0♌51	26°39	25°43	14°52	18°49	4°17	19° 0	18°48	0°36	29°31	13°22	13°34	T 30
F 31	20 33 31	7♌25'08	0♐46	2♌56	27♊10	26♌21	15♋ 5	18♉52	4♌20	19♈ 0	18♌50	0°R36	29♉28	13♍29	13♐32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n11	7s47	2n59	19n 4	4s 4	19n17	4s 7	19n36	1n14	23n14	0n 1	14n43	2s12	20n11	0n34	5n52	1s40	24n16	9n16	20n41	20n24	12n29	16s42	5n57
T 2	23 7	12 55	2 0	19 14	3 56	19 7	4 17	19 26	1 14	23 13	0 1	14 44	2 12	20 10	0 34	5 53	1 40	24 15	9 16	20 41	20 24	12 26	16 41	5 57
F 3	23 3	17 38	0 53	19 25	3 46	18 57	4 26	19 16	1 13	23 12	0 1	14 45	2 12	20 10	0 34	5 53	1 40	24 15	9 16	20 41	20 23	12 24	16 41	5 57
S 4	22 58	21 38	0s19	19 37	3 36	18 48	4 34	19 6	1 13	23 11	0 1	14 47	2 13	20 9	0 34	5 53	1 40	24 14	9 16	20 41	20 22	12 21	16 41	5 57
S 5	22 53	24 35	1 31	19 50	3 26	18 39	4 41	18 56	1 13	23 11	0 1	14 48	2 13	20 8	0 34	5 53	1 40	24 14	9 16	20 41	20 22	12 18	16 41	5 57
M 6	22 47	26 6	2 40	20 4	3 14	18 31	4 48	18 45	1 13	23 10	0 2	14 50	2 13	20 7	0 34	5 53	1 40	24 13	9 16	20 41	20 21	12 16	16 40	5 57
T 7	22 41	25 55	3 41	20 18	3 2	18 24	4 55	18 35	1 13	23 9	0 2	14 51	2 13	20 6	0 34	5 53	1 40	24 12	9 15	20 40	20 20	12 13	16 40	5 57
W 8	22 35	23 58	4 28	20 33	2 50	18 17	5 1	18 24	1 12	23 8	0 2	14 52	2 13	20 6	0 34	5 54	1 40	24 12	9 15	20 38	20 20	12 10	16 40	5 57
T 9	22 28	20 24	4 58	20 48	2 37	18 12	5 6	18 14	1 12	23 7	0 2	14 54	2 13	20 5	0 34	5 54	1 40	24 11	9 15	20 37	20 19	12 7	16 40	5 56
F 10	22 21	15 32	5 8	21 2	2 24	18 6	5 11	18 3	1 12	23 6	0 2	14 55	2 13	20 4	0 34	5 54	1 40	24 11	9 15	20 36	20 18	12 5	16 40	5 56
S 11	22 13	9 49	4 58	21 17	2 11	18 2	5 15	17 52	1 12	23 5	0 2	14 56	2 14	20 3	0 34	5 54	1 40	24 10	9 15	20 35	20 18	12 2	16 40	5 56
S 12	22 6	3 38	4 29	21 32	1 57	17 58	5 18	17 40	1 12	23 4	0 2	14 57	2 14	20 2	0 34	5 54	1 40	24 9	9 15	20 34	20 17	11 59	16 39	5 56
M13	21 57	2n37	3 44	21 45	1 43	17 54	5 21	17 29	1 11	23 3	0 2	14 59	2 14	20 1	0 34	5 54	1 40	24 9	9 15	20 34	20 16	11 56	16 39	5 56
T 14	21 49	8 38	2 46	21 59	1 30	17 52	5 24	17 18	1 11	23 2	0 2	15 0	2 14	20 1	0 34	5 54	1 41	24 8	9 15	20 34	20 16	11 54	16 39	5 55
W15	21 39	14 8	1 41	22 11	1 16	17 50	5 26	17 6	1 11	23 1	0 2	15 1	2 14	20 0	0 34	5 54	1 41	24 8	9 15	20 34	20 15	11 51	16 39	5 55
T 16	21 30	18 50	0 31	22 22	1 2	17 48	5 28	16 55	1 11	23 0	0 3	15 2	2 14	19 59	0 34	5 54	1 41	24 7	9 15	20 34	20 14	11 48	16 39	5 55
F 17	21 20	22 32	0n40	22 32	0 49	17 47	5 29	16 43	1 10	22 59	0 3	15 3	2 15	19 58	0 34	5 54	1 41	24 6	9 15	20 34	20 14	11 45	16 39	5 55
S 18	21 10	25 1	1 47	22 40	0 35	17 47	5 30	16 31	1 10	22 58	0 3	15 4	2 15	19 57	0 34	5 54	1 41	24 6	9 15	20 34	20 13	11 43	16 39	5 54
S 19	21 0	26 10	2 47	22 47	0 22	17 47	5 31	16 19	1 10	22 56	0 3	15 5	2 15	19 56	0 34	5 54	1 41	24 5	9 15	20 33	20 12	11 40	16 39	5 54
M20	20 49	25 58	3 38	22 51	0 10	17 47	5 31	16 7	1 10	22 55	0 3	15 6	2 15	19 55	0 34	5 54	1 41	24 5	9 15	20 32	20 12	11 37	16 39	5 54
T 21	20 37	24 28	4 19	22 54	0n 3	17 48	5 31	15 55	1 9	22 54	0 3	15 7	2 15	19 55	0 34	5 54	1 41	24 4	9 15	20 30	20 11	11 34	16 39	5 54
W22	20 26	21 51	4 47	22 54	0 15	17 49	5 30	15 43	1 9	22 53	0 3	15 8	2 16	19 54	0 34	5 54	1 41	24 3	9 15	20 28	20 10	11 32	16 39	5 53
T 23	20 14	18 19	5 1	22 52	0 26	17 51	5 29	15 30	1 9	22 52	0 3	15 9	2 16	19 53	0 34	5 54	1 41	24 3	9 15	20 26	20 10	11 29	16 39	5 53
F 24	20 2	14 4	5 3	22 47	0 37	17 53	5 28	15 18	1 9	22 50	0 3	15 10	2 16	19 52	0 34	5 54	1 41	24 2	9 15	20 24	20 9	11 26	16 39	5 53
S 25	19 49	9 19	4 51	22 40	0 47	17 55	5 27	15 5	1 8	22 49	0 3	15 11	2 16	19 51	0 34	5 54	1 41	24 2	9 15	20 22	20 8	11 23	16 39	5 53
S 26	19 36	4 15	4 27	22 30	0 56	17 58	5 25	14 53	1 8	22 48	0 3	15 12	2 16	19 50	0 34	5 54	1 41	24 1	9 15	20 20	20 8	11 21	16 39	5 52
M27	19 23	0s59	3 51	22 17	1 4	18 1	5 23	14 40	1 8	22 47	0 4	15 13	2 17	19 49	0 34	5 54	1 41	24 0	9 15	20 19	20 7	11 18	16 39	5 52
T 28	19 9	6 15	3 4	22 2	1 12	18 4	5 21	14 27	1 8	22 45	0 4	15 13	2 17	19 48	0 34	5 54	1 41	24 0	9 15	20 19	20 6	11 15	16 39	5 52
W29	18 56	11 22	2 9	21 44	1 19	18 7	5 18	14 14	1 7	22 44	0 4	15 14	2 17	19 48	0 34	5 54	1 41	23 59	9 15	20 19	20 6	11 12	16 39	5 51
T 30	18 41	16 9	1 7	21 23	1 25	18 11	5 16	14 1	1 7	22 43	0 4	15 15	2 17	19 47	0 34	5 53	1 41	23 59	9 15	20 19	20 5	11 9	16 39	5 51
F 31	18n27	20s21	0s 1	21n 0	1n31	18n14	5s13	13n48	1n 7	22n41	0n 4	15n16	2s17	19n46	0n34	5n53	1s42	23n58	9n15	20n19	20n 4	11n 7	16s40	5n51

Julian Day Number = 2343979.5, Delta T = 12.59 sec
Ecliptic obliquity = 23°28'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'45, Lahiri = 19°44'45Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1705
geocentric

AUGUST 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 27	8♌22'34	13♐57	5♌ 1	27♊42	26♌59	15♋18	18♉56	4♌24	19°R 0	18♌52	0°R36	29♉25	13♍36	13°R31	S 1
S 2	20 41 24	9°20'01	27°37	7° 6	28°16	27°36	15°31	18°59	4°28	18♈59	18°54	0♊33	29°22	13°42	13♐30	S 2
M 3	20 45 20	10°17'30	11♏46	9°10	28°51	28°14	15°44	19° 2	4°32	18°59	18°56	0°28	29°19	13°49	13°28	M 3
T 4	20 49 17	11°14'59	26°21	11°14	29°27	28°52	15°57	19° 5	4°35	18°59	18°57	0°20	29°15	13°56	13°27	T 4
W 5	20 53 14	12°12'29	11♒16	13°17	0♋ 4	29°30	16°10	19° 8	4°39	18°58	18°59	0°11	29°12	14° 2	13°26	W 5
T 6	20 57 10	13°10'00	26°24	15°19	0°43	0♍ 8	16°23	19°11	4°43	18°58	19° 1	0° 1	29° 9	14° 9	13°25	T 6
F 7	21 1 7	14° 7'32	11♓33	17°19	1°23	0°46	16°35	19°13	4°46	18°57	19° 3	29♉51	29° 6	14°16	13°24	F 7
S 8	21 5 3	15° 5'05	26°33	19°19	2° 3	1°24	16°48	19°16	4°50	18°57	19° 5	29°43	29° 3	14°23	13°23	S 8
S 9	21 9 0	16° 2'40	11♈17	21°17	2°45	2° 2	17° 1	19°19	4°54	18°56	19° 7	29°37	29° 0	14°29	13°23	S 9
M10	21 12 56	17° 0'17	25°38	23°14	3°28	2°40	17°13	19°21	4°57	18°56	19° 9	29°33	28°56	14°36	13°22	M10
T 11	21 16 53	17°57'54	9♉35	25° 9	4°12	3°18	17°26	19°23	5° 1	18°55	19°11	29°32	28°53	14°43	13°21	T 11
W12	21 20 49	18°55'34	23° 9	27° 3	4°56	3°56	17°38	19°26	5° 5	18°55	19°13	29°31	28°50	14°50	13°21	W12
T 13	21 24 46	19°53'15	6♊20	28°56	5°42	4°34	17°51	19°28	5° 8	18°54	19°15	29°31	28°47	14°56	13°21	T 13
F 14	21 28 43	20°50'58	19°13	0♍47	6°28	5°12	18° 3	19°30	5°12	18°53	19°16	29°30	28°44	15° 3	13°20	F 14
S 15	21 32 39	21°48'43	1♋51	2°37	7°16	5°50	18°15	19°32	5°15	18°53	19°18	29°27	28°40	15°10	13°20	S 15
S 16	21 36 36	22°46'29	14°17	4°26	8° 4	6°28	18°28	19°34	5°19	18°52	19°20	29°21	28°37	15°16	13°D20	S 16
M17	21 40 32	23°44'16	26°33	6°13	8°52	7° 6	18°40	19°35	5°23	18°51	19°22	29°12	28°34	15°23	13°20	M17
T 18	21 44 29	24°42'05	8♌41	7°58	9°42	7°45	18°52	19°37	5°26	18°50	19°24	29° 0	28°31	15°30	13°20	T 18
W19	21 48 25	25°39'56	20°42	9°43	10°32	8°23	19° 4	19°38	5°30	18°49	19°26	28°47	28°28	15°37	13°20	W19
T 20	21 52 22	26°37'48	2♍39	11°26	11°23	9° 1	19°16	19°40	5°33	18°49	19°28	28°33	28°25	15°43	13°21	T 20
F 21	21 56 18	27°35'41	14°32	13° 7	12°15	9°39	19°28	19°41	5°37	18°48	19°30	28°19	28°21	15°50	13°21	F 21
S 22	22 0 15	28°33'36	26°23	14°47	13° 7	10°17	19°40	19°42	5°40	18°47	19°32	28° 7	28°18	15°57	13°21	S 22
S 23	22 4 12	29°31'32	8♎13	16°26	14° 0	10°56	19°52	19°43	5°44	18°46	19°33	27°57	28°15	16° 3	13°22	S 23
M24	22 8 8	0♍29'30	20° 6	18° 4	14°53	11°34	20° 4	19°44	5°47	18°45	19°35	27°50	28°12	16°10	13°23	M24
T 25	22 12 5	1°27'29	2♏ 4	19°40	15°48	12°12	20°15	19°45	5°51	18°44	19°37	27°45	28° 9	16°17	13°23	T 25
W26	22 16 1	2°25'30	14°13	21°15	16°42	12°51	20°27	19°46	5°54	18°43	19°39	27°44	28° 5	16°24	13°24	W26
T 27	22 19 58	3°23'32	26°36	22°49	17°37	13°29	20°39	19°47	5°57	18°42	19°41	27°43	28° 2	16°30	13°25	T 27
F 28	22 23 54	4°21'35	9♐18	24°21	18°33	14° 7	20°50	19°47	6° 1	18°41	19°43	27°43	27°59	16°37	13°26	F 28
S 29	22 27 51	5°19'40	22°24	25°52	19°29	14°46	21° 1	19°48	6° 4	18°40	19°45	27°42	27°56	16°44	13°27	S 29
S 30	22 31 47	6°17'46	5♏59	27°22	20°26	15°24	21°13	19°48	6° 7	18°39	19°46	27°40	27°53	16°50	13°29	S 30
M31	22 35 44	7♍15'53	20♏ 3	28♍50	21♋23	16♍ 3	21♋24	19♉48	6♌11	18♈37	19♌48	27♉35	27♉50	16♍57	13♐30	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n12	23s41	1s10	20n35	1n35	18n18	5s10	13n35	1n 7	22n40	0n 4	15n16	2s18	19n45	0n34	5n53	1s42	23n57	9n15	20n19	20n 4	11n 4	16s40	5n50	S 1
S 2	17 57	25 46	2 18	20 7	1 39	18 21	5 7	13 22	1 6	22 39	0 4	15 17	2 18	19 44	0 34	5 53	1 42	23 57	9 15	20 18	20 3	11 1	16 40	5 50	S 2
M 3	17 41	26 17	3 20	19 38	1 42	18 25	5 3	13 8	1 6	22 37	0 4	15 18	2 18	19 43	0 34	5 53	1 42	23 56	9 15	20 17	20 2	10 58	16 40	5 50	M 3
T 4	17 26	25 1	4 11	19 6	1 44	18 29	5 0	12 55	1 6	22 36	0 4	15 18	2 18	19 42	0 35	5 53	1 42	23 56	9 15	20 15	20 1	10 55	16 40	5 49	T 4
W 5	17 10	21 59	4 45	18 33	1 45	18 33	4 56	12 41	1 5	22 34	0 5	15 19	2 18	19 41	0 35	5 52	1 42	23 55	9 15	20 13	20 1	10 52	16 41	5 49	W 5
T 6	16 54	17 27	5 1	17 58	1 46	18 36	4 52	12 28	1 5	22 33	0 5	15 20	2 19	19 41	0 35	5 52	1 42	23 55	9 15	20 11	20 0	10 50	16 41	5 49	T 6
F 7	16 37	11 47	4 55	17 21	1 46	18 40	4 48	12 14	1 5	22 31	0 5	15 20	2 19	19 40	0 35	5 52	1 42	23 54	9 15	20 9	19 59	10 47	16 41	5 48	F 7
S 8	16 20	5 29	4 29	16 43	1 45	18 44	4 44	12 0	1 5	22 30	0 5	15 21	2 19	19 39	0 35	5 52	1 42	23 53	9 15	20 7	19 59	10 44	16 41	5 48	S 8
S 9	16 3	1n 0	3 46	16 4	1 44	18 47	4 40	11 46	1 4	22 29	0 5	15 21	2 19	19 38	0 35	5 51	1 42	23 53	9 15	20 6	19 58	10 41	16 42	5 48	S 9
M10	15 46	7 18	2 49	15 24	1 42	18 50	4 36	11 32	1 4	22 27	0 5	15 21	2 19	19 37	0 35	5 51	1 42	23 52	9 15	20 5	19 57	10 38	16 42	5 47	M10
T 11	15 28	13 4	1 43	14 44	1 40	18 54	4 31	11 18	1 4	22 26	0 5	15 22	2 20	19 36	0 35	5 51	1 42	23 52	9 15	20 5	19 57	10 36	16 42	5 47	T 11
W12	15 10	18 3	0 34	14 2	1 37	18 57	4 27	11 4	1 3	22 24	0 5	15 22	2 20	19 35	0 35	5 51	1 42	23 51	9 15	20 5	19 56	10 33	16 42	5 46	W12
T 13	14 52	22 0	0n36	13 20	1 34	18 59	4 22	10 50	1 3	22 23	0 5	15 23	2 20	19 34	0 35	5 50	1 42	23 51	9 15	20 5	19 55	10 30	16 43	5 46	T 13
F 14	14 34	24 44	1 42	12 37	1 30	19 2	4 18	10 36	1 3	22 21	0 5	15 23	2 20	19 34	0 35	5 50	1 42	23 50	9 15	20 5	19 55	10 27	16 43	5 46	F 14
S 15	14 16	26 10	2 42	11 53	1 26	19 4	4 13	10 21	1 3	22 19	0 6	15 23	2 20	19 33	0 35	5 50	1 42	23 50	9 16	20 4	19 54	10 24	16 44	5 45	S 15
S 16	13 57	26 14	3 33	11 9	1 21	19 7	4 8	10 7	1 2	22 18	0 6	15 24	2 21	19 32	0 35	5 49	1 42	23 49	9 16	20 3	19 53	10 21	16 44	5 45	S 16
M17	13 38	25 1	4 13	10 25	1 16	19 8	4 3	9 53	1 2	22 16	0 6	15 24	2 21	19 31	0 35	5 49	1 42	23 48	9 16	20 1	19 52	10 18	16 44	5 45	M17
T 18	13 19	22 38	4 41	9 41	1 10	19 10	3 58	9 38	1 2	22 15	0 6	15 24	2 21	19 30	0 35	5 49	1 43	23 48	9 16	19 58	19 52	10 16	16 45	5 44	T 18
W19	12 59	19 17	4 56	8 56	1 5	19 11	3 53	9 23	1 1	22 13	0 6	15 24	2 21	19 29	0 35	5 48	1 43	23 47	9 16	19 55	19 51	10 13	16 45	5 44	W19
T 20	12 40	15 11	4 59	8 12	0 59	19 12	3 48	9 9	1 1	22 12	0 6	15 24	2 22	19 28	0 35	5 48	1 43	23 47	9 16	19 52	19 50	10 10	16 46	5 43	T 20
F 21	12 20	10 31	4 48	7 27	0 52	19 13	3 43	8 54	1 1	22 10	0 6	15 25	2 22	19 28	0 35	5 48	1 43	23 46	9 16	19 49	19 50	10 7	16 46	5 43	F 21
S 22	12 0	5 29	4 24	6 42	0 46	19 13	3 38	8 39	1 0	22 8	0 6	15 25	2 22	19 27	0 35	5 47	1 43	23 46	9 16	19 46	19 49	10 4	16 46	5 43	S 22
S 23	11 39	0 15	3 50	5 58	0 39	19 13	3 32	8 24	1 0	22 7	0 6	15 25	2 22	19 26	0 35	5 47	1 43	23 45	9 16	19 44	19 48	10 1	16 47	5 42	S 23
M24	11 19	5s 1	3 5	5 13	0 32	19 13	3 27	8 10	1 0	22 5	0 7	15 25	2 22	19 25	0 35	5 46	1 43	23 45	9 16	19 43	19 47	9 58	16 47	5 42	M24
T 25	10 58	10 10	2 11	4 29	0 25	19 12	3 22	7 55	1 0	22 3	0 7	15 25	2 23	19 24	0 35	5 46	1 43	23 44	9 17	19 42	19 47	9 55	16 48	5 41	T 25
W26	10 38	15 0	1 11	3 44	0 17	19 11	3 16	7 40	0 59	22 2	0 7	15 25	2 23	19 23	0 35	5 45	1 43	23 44	9 17	19 41	19 46	9 53	16 48	5 41	W26
T 27	10 17	19 20	0 6	3 0	0 10	19 10	3 11	7 25	0 59	22 0	0 7	15 25	2 23	19 23	0 35	5 45	1 43	23 43	9 17	19 41	19 45	9 50	16 49	5 41	T 27
F 28	9 56	22 53	1s 1	2 17	0 2	19 8	3 6	7 9	0 59	21 59	0 7	15 25	2 23	19 22	0 35	5 45	1 43	23 43	9 17	19 41	19 45	9 47	16 49	5 40	F 28
S 29	9 34	25 22	2 7	1 33	0s 6	19 5	3 0	6 54	0 58	21 57	0 7	15 25	2 24	19 21	0 35	5 44	1 43	23 42	9 17	19 41	19 44	9 44	16 50	5 40	S 29
S 30	9 13	26 28	3 8	0 50	0 14	19 2	2 55	6 39	0 58	21 55	0 7	15 25	2 24	19 20	0 35	5 44	1 43	23 42	9 17	19 40	19 43	9 41	16 50	5 39	S 30
M31	8n51	25s55	3s59	0n 8	0s22	18n59	2s49	6n24	0n58	21n54	0n 7	15n24	2s24	19n19	0n35	5n43	1s43	23n42	9n17	19n39	19n43	9n38	16s51	5n39	M31

Julian Day Number = 2344010.5, Delta T = 12.57 sec
Ecliptic obliquity = 23°28'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'49, Lahiri = 19°44'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

SEPTEMBER 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 41	8♍14'02	4♒37	0♎18	22♋21	16♍41	21♋35	19♉48	6♌14	18°R36	19♌50	27°R27	27♉46	17♍ 4	13♐31	T 1
W 2	22 43 37	9°12'13	19°35	1°44	23°19	17°20	21°46	19°R48	6°17	18♈35	19°52	27♉18	27°43	17°11	13°33	W 2
T 3	22 47 34	10°10'25	4♓50	3° 8	24°17	17°58	21°57	19°48	6°21	18°34	19°54	27° 7	27°40	17°17	13°34	T 3
F 4	22 51 30	11° 8'39	20°10	4°31	25°16	18°37	22° 8	19°48	6°24	18°33	19°56	26°57	27°37	17°24	13°36	F 4
S 5	22 55 27	12° 6'55	5♈25	5°53	26°16	19°15	22°19	19°48	6°27	18°31	19°57	26°48	27°34	17°31	13°38	S 5
S 6	22 59 23	13° 5'12	20°23	7°13	27°15	19°54	22°30	19°47	6°30	18°30	19°59	26°41	27°31	17°37	13°40	S 6
M 7	23 3 20	14° 3'32	4♉58	8°32	28°16	20°32	22°40	19°47	6°33	18°29	20° 1	26°37	27°27	17°44	13°41	M 7
T 8	23 7 16	15° 1'54	19° 5	9°50	29°16	21°11	22°51	19°46	6°36	18°27	20° 3	26°36	27°24	17°51	13°43	T 8
W 9	23 11 13	16° 0'18	2♊44	11° 5	0♌17	21°50	23° 1	19°45	6°39	18°26	20° 4	26°D36	27°21	17°58	13°46	W 9
T 10	23 15 10	16°58'44	15°58	12°20	1°19	22°28	23°12	19°45	6°42	18°25	20° 6	26°R36	27°18	18° 4	13°48	T 10
F 11	23 19 6	17°57'12	28°49	13°32	2°20	23° 7	23°22	19°44	6°45	18°23	20° 8	26°35	27°15	18°11	13°50	F 11
S 12	23 23 3	18°55'43	11♋21	14°43	3°22	23°46	23°32	19°43	6°48	18°22	20°10	26°33	27°11	18°18	13°52	S 12
S 13	23 26 59	19°54'16	23°39	15°51	4°25	24°25	23°42	19°42	6°51	18°21	20°11	26°28	27° 8	18°24	13°55	S 13
M14	23 30 56	20°52'50	5♌47	16°58	5°27	25° 3	23°52	19°40	6°54	18°19	20°13	26°21	27° 5	18°31	13°57	M14
T 15	23 34 52	21°51'27	17°47	18° 3	6°30	25°42	24° 2	19°39	6°57	18°18	20°15	26°11	27° 2	18°38	14° 0	T 15
W16	23 38 49	22°50'06	29°42	19° 5	7°34	26°21	24°12	19°37	7° 0	18°16	20°16	26° 0	26°59	18°45	14° 3	W16
T 17	23 42 45	23°48'47	11♍34	20° 5	8°37	27° 0	24°22	19°36	7° 3	18°15	20°18	25°48	26°56	18°51	14° 6	T 17
F 18	23 46 42	24°47'30	23°26	21° 3	9°41	27°39	24°31	19°34	7° 6	18°13	20°20	25°36	26°52	18°58	14° 8	F 18
S 19	23 50 39	25°46'15	5♎17	21°57	10°45	28°18	24°41	19°32	7° 8	18°12	20°21	25°25	26°49	19° 5	14°11	S 19
S 20	23 54 35	26°45'02	17°11	22°49	11°50	28°57	24°50	19°30	7°11	18°10	20°23	25°17	26°46	19°11	14°14	S 20
M21	23 58 32	27°43'51	29° 8	23°37	12°54	29°36	24°59	19°28	7°14	18° 9	20°24	25°11	26°43	19°18	14°18	M21
T 22	0 2 28	28°42'42	11♏12	24°22	13°59	0♎15	25° 9	19°26	7°16	18° 7	20°26	25° 8	26°40	19°25	14°21	T 22
W23	0 6 25	29°41'34	23°25	25° 3	15° 4	0°54	25°18	19°24	7°19	18° 6	20°28	25°D 7	26°37	19°32	14°24	W23
T 24	0 10 21	0♎40'29	5♐51	25°40	16°10	1°33	25°26	19°22	7°22	18° 4	20°29	25° 7	26°33	19°38	14°27	T 24
F 25	0 14 18	1°39'25	18°33	26°12	17°16	2°12	25°35	19°20	7°24	18° 2	20°31	25° 8	26°30	19°45	14°31	F 25
S 26	0 18 14	2°38'23	1♑36	26°39	18°22	2°51	25°44	19°17	7°27	18° 1	20°32	25°R 9	26°27	19°52	14°34	S 26
S 27	0 22 11	3°37'23	15° 3	27° 2	19°28	3°30	25°52	19°14	7°29	17°59	20°34	25° 8	26°24	19°58	14°38	S 27
M28	0 26 7	4°36'24	28°58	27°18	20°34	4°10	26° 1	19°12	7°32	17°58	20°35	25° 6	26°21	20° 5	14°42	M28
T 29	0 30 4	5°35'28	13♒19	27°28	21°41	4°49	26° 9	19° 9	7°34	17°56	20°37	25° 1	26°17	20°12	14°46	T 29
W30	0 34 1	6♎34'33	28♒ 5	27°R32	22♌48	5♎28	26♋17	19♉ 6	7♌36	17♈54	20♌38	24♉55	26♉14	20♍19	14♐49	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	8n30	23s38	4s38	0s35	0s30	18n56	2s44	6n 9	0n57	21n52	0n 7	15n24	2s24	19n19	0n35	5n43	1s43	23n41	9n18	19n37	19n42	9n35	16s52	5n39	T 1
W 2	8 8	19 41	4 58	1 16	0 38	18 51	2 39	5 53	0 57	21 50	0 8	15 24	2 24	19 18	0 35	5 42	1 43	23 41	9 18	19 35	19 41	9 32	16 52	5 38	W 2
T 3	7 46	14 23	4 58	1 58	0 47	18 47	2 33	5 38	0 57	21 49	0 8	15 24	2 25	19 17	0 35	5 42	1 43	23 40	9 18	19 33	19 40	9 29	16 53	5 38	T 3
F 4	7 24	8 8	4 37	2 38	0 55	18 42	2 28	5 22	0 56	21 47	0 8	15 23	2 25	19 16	0 35	5 41	1 43	23 40	9 18	19 30	19 40	9 26	16 53	5 37	F 4
S 5	7 2	1 27	3 56	3 18	1 3	18 36	2 22	5 7	0 56	21 45	0 8	15 23	2 25	19 15	0 35	5 41	1 43	23 39	9 18	19 28	19 39	9 24	16 54	5 37	S 5
S 6	6 39	5n13	2 59	3 58	1 12	18 30	2 17	4 52	0 56	21 44	0 8	15 23	2 25	19 15	0 35	5 40	1 43	23 39	9 18	19 27	19 38	9 21	16 54	5 37	S 6
M 7	6 17	11 26	1 52	4 37	1 20	18 24	2 11	4 36	0 55	21 42	0 8	15 23	2 25	19 14	0 35	5 40	1 43	23 38	9 19	19 26	19 37	9 18	16 55	5 36	M 7
T 8	5 54	16 53	0 40	5 15	1 28	18 17	2 6	4 20	0 55	21 41	0 8	15 22	2 26	19 13	0 35	5 39	1 43	23 38	9 19	19 26	19 37	9 15	16 56	5 36	T 8
W 9	5 32	21 17	0n33	5 53	1 37	18 10	2 0	4 5	0 54	21 39	0 8	15 22	2 26	19 12	0 35	5 39	1 44	23 38	9 19	19 26	19 36	9 12	16 56	5 35	W 9
T 10	5 9	24 25	1 41	6 29	1 45	18 2	1 55	3 49	0 54	21 37	0 9	15 21	2 26	19 12	0 35	5 38	1 44	23 37	9 19	19 26	19 35	9 9	16 57	5 35	T 10
F 11	4 46	26 11	2 42	7 5	1 53	17 54	1 50	3 34	0 54	21 36	0 9	15 21	2 26	19 11	0 35	5 37	1 44	23 37	9 19	19 26	19 35	9 6	16 58	5 35	F 11
S 12	4 23	26 33	3 34	7 40	2 1	17 45	1 44	3 18	0 53	21 34	0 9	15 20	2 27	19 10	0 35	5 37	1 44	23 36	9 19	19 25	19 34	9 3	16 58	5 34	S 12
S 13	4 0	25 35	4 15	8 14	2 9	17 35	1 39	3 2	0 53	21 32	0 9	15 20	2 27	19 9	0 35	5 36	1 44	23 36	9 20	19 24	19 33	9 0	16 59	5 34	S 13
M14	3 37	23 26	4 44	8 47	2 17	17 26	1 34	2 46	0 53	21 31	0 9	15 19	2 27	19 9	0 35	5 36	1 44	23 36	9 20	19 22	19 32	8 57	17 0	5 33	M14
T 15	3 14	20 16	4 59	9 19	2 25	17 15	1 28	2 31	0 52	21 29	0 9	15 19	2 27	19 8	0 35	5 35	1 44	23 35	9 20	19 20	19 32	8 54	17 0	5 33	T 15
W16	2 51	16 18	5 2	9 50	2 33	17 4	1 23	2 15	0 52	21 28	0 9	15 18	2 27	19 7	0 35	5 35	1 44	23 35	9 20	19 17	19 31	8 51	17 1	5 33	W16
T 17	2 28	11 43	4 51	10 20	2 40	16 53	1 18	1 59	0 52	21 26	0 9	15 18	2 27	19 7	0 35	5 34	1 44	23 35	9 21	19 14	19 30	8 48	17 2	5 32	T 17
F 18	2 4	6 43	4 28	10 48	2 47	16 41	1 13	1 43	0 51	21 25	0 10	15 17	2 28	19 6	0 35	5 33	1 44	23 34	9 21	19 12	19 29	8 45	17 2	5 32	F 18
S 19	1 41	1 28	3 53	11 15	2 54	16 29	1 7	1 27	0 51	21 23	0 10	15 16	2 28	19 5	0 35	5 33	1 44	23 34	9 21	19 9	19 29	8 42	17 3	5 32	S 19
S 20	1 18	3s52	3 8	11 40	3 0	16 16	1 2	1 11	0 50	21 21	0 10	15 16	2 28	19 5	0 35	5 32	1 44	23 34	9 21	19 7	19 28	8 40	17 4	5 31	S 20
M21	0 54	9 6	2 14	12 4	3 7	16 3	0 57	0 56	0 50	21 20	0 10	15 15	2 28	19 4	0 35	5 32	1 44	23 33	9 21	19 6	19 27	8 37	17 5	5 31	M21
T 22	0 31	14 3	1 14	12 26	3 12	15 49	0 52	0 40	0 50	21 18	0 10	15 14	2 28	19 3	0 36	5 31	1 44	23 33	9 22	19 5	19 27	8 34	17 5	5 30	T 22
W23	0 7	18 31	0 9	12 46	3 18	15 35	0 47	0 24	0 49	21 17	0 10	15 13	2 29	19 3	0 36	5 30	1 44	23 33	9 22	19 5	19 26	8 31	17 6	5 30	W23
T 24	0s16	22 15	0s57	13 4	3 22	15 21	0 42	0 8	0 49	21 15	0 10	15 13	2 29	19 2	0 36	5 30	1 44	23 33	9 22	19 5	19 25	8 28	17 7	5 30	T 24
F 25	0 40	25 1	2 3	13 20	3 27	15 6	0 37	0s 8	0 49	21 14	0 10	15 12	2 29	19 1	0 36	5 29	1 44	23 32	9 22	19 5	19 24	8 25	17 7	5 29	F 25
S 26	1 3	26 31	3 3	13 34	3 30	14 50	0 33	0 24	0 48	21 12	0 11	15 11	2 29	19 1	0 36	5 28	1 44	23 32	9 23	19 5	19 24	8 22	17 8	5 29	S 26
S 27	1 27	26 32	3 56	13 44	3 33	14 34	0 28	0 40	0 48	21 11	0 11	15 10	2 29	19 0	0 36	5 28	1 44	23 32	9 23	19 5	19 23	8 19	17 9	5 29	S 27
M28	1 50	24 54	4 36	13 52	3 35	14 18	0 23	0 56	0 47	21 9	0 11	15 9	2 29	19 0	0 36	5 27	1 44	23 32	9 23	19 4	19 22	8 16	17 10	5 28	M28
T 29	2 13	21 39	5 1	13 57	3 36	14 1	0 19	1 12	0 47	21 8	0 11	15 8	2 30	18 59	0 36	5 27	1 44	23 31	9 23	19 3	19 21	8 13	17 10	5 28	T 29
W30	2s37	16s57	5s 7	13s58	3s36	13n43	0s14	1s28	0n47	21n 7	0n11	15n 8	2s30	18n59	0n36	5n26	1s44	23n31	9n24	19n 2	19n21	8n10	17s11	5n28	W30

Julian Day Number = 2344041.5, Delta T = 12.55 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'53, Lahiri = 19°44'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

OCTOBER 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 57	7♎33'39	13♓10	27°R29	23♌55	6♎ 7	26♋25	19°R 3	7♌39	17°R53	20♌39	24°R48	26♉11	20♍25	14♐53	T 1
F 2	0 41 54	8°32'48	28°24	27♎18	25° 2	6°47	26°33	19♉ 0	7°41	17♈51	20°41	24♉41	26° 8	20°32	14°57	F 2
S 3	0 45 50	9°31'59	13♈37	27° 0	26° 9	7°26	26°41	18°57	7°43	17°49	20°42	24°35	26° 5	20°39	15° 1	S 3
S 4	0 49 47	10°31'11	28°40	26°33	27°17	8° 5	26°48	18°54	7°45	17°48	20°43	24°30	26° 2	20°45	15° 5	S 4
M 5	0 53 43	11°30'26	13♉22	25°59	28°25	8°45	26°56	18°51	7°47	17°46	20°45	24°28	25°58	20°52	15°10	M 5
T 6	0 57 40	12°29'44	27°38	25°16	29°33	9°24	27° 3	18°47	7°49	17°44	20°46	24°D27	25°55	20°59	15°14	T 6
W 7	1 1 36	13°29'03	11♊27	24°26	0♍41	10° 4	27°10	18°44	7°51	17°43	20°47	24°28	25°52	21° 5	15°18	W 7
T 8	1 5 33	14°28'25	24°48	23°29	1°50	10°43	27°18	18°40	7°53	17°41	20°49	24°30	25°49	21°12	15°23	T 8
F 9	1 9 30	15°27'49	7♋44	22°25	2°58	11°23	27°24	18°37	7°55	17°39	20°50	24°31	25°46	21°19	15°27	F 9
S 10	1 13 26	16°27'16	20°18	21°17	4° 7	12° 2	27°31	18°33	7°57	17°38	20°51	24°R31	25°43	21°26	15°32	S 10
S 11	1 17 23	17°26'45	2♌36	20° 5	5°16	12°42	27°38	18°29	7°59	17°36	20°52	24°30	25°39	21°32	15°36	S 11
M12	1 21 19	18°26'16	14°41	18°52	6°25	13°21	27°44	18°26	8° 1	17°34	20°54	24°27	25°36	21°39	15°41	M12
T 13	1 25 16	19°25'49	26°38	17°39	7°34	14° 1	27°51	18°22	8° 2	17°33	20°55	24°22	25°33	21°46	15°46	T 13
W14	1 29 12	20°25'25	8♍30	16°29	8°44	14°41	27°57	18°18	8° 4	17°31	20°56	24°17	25°30	21°52	15°51	W14
T 15	1 33 9	21°25'03	20°21	15°24	9°54	15°21	28° 3	18°14	8° 6	17°29	20°57	24°11	25°27	21°59	15°55	T 15
F 16	1 37 5	22°24'42	2♎13	14°25	11° 3	16° 0	28° 9	18°10	8° 7	17°28	20°58	24° 5	25°23	22° 6	16° 0	F 16
S 17	1 41 2	23°24'24	14° 8	13°35	12°13	16°40	28°14	18° 5	8° 9	17°26	20°59	23°59	25°20	22°13	16° 5	S 17
S 18	1 44 59	24°24'09	26° 9	12°55	13°23	17°20	28°20	18° 1	8°10	17°24	21° 0	23°55	25°17	22°19	16°10	S 18
M19	1 48 55	25°23'55	8♏16	12°25	14°34	18° 0	28°25	17°57	8°12	17°23	21° 1	23°52	25°14	22°26	16°15	M19
T 20	1 52 52	26°23'43	20°32	12° 6	15°44	18°40	28°30	17°53	8°13	17°21	21° 2	23°D51	25°11	22°33	16°21	T 20
W21	1 56 48	27°23'33	2♐57	11°D59	16°54	19°20	28°35	17°48	8°15	17°19	21° 3	23°52	25° 8	22°39	16°26	W21
T 22	2 0 45	28°23'24	15°35	12° 3	18° 5	20° 0	28°40	17°44	8°16	17°18	21° 4	23°53	25° 4	22°46	16°31	T 22
F 23	2 4 41	29°23'18	28°26	12°18	19°16	20°40	28°45	17°39	8°17	17°16	21° 5	23°55	25° 1	22°53	16°37	F 23
S 24	2 8 38	0♏23'13	11♑34	12°43	20°27	21°20	28°49	17°35	8°18	17°14	21° 6	23°56	24°58	23° 0	16°42	S 24
S 25	2 12 34	1°23'10	25° 1	13°18	21°37	22° 0	28°54	17°30	8°19	17°13	21° 7	23°R57	24°55	23° 6	16°47	S 25
M26	2 16 31	2°23'09	8♒48	14° 1	22°49	22°40	28°58	17°26	8°20	17°11	21° 7	23°57	24°52	23°13	16°53	M26
T 27	2 20 28	3°23'09	22°55	14°52	24° 0	23°20	29° 2	17°21	8°21	17°10	21° 8	23°56	24°48	23°20	16°58	T 27
W28	2 24 24	4°23'11	7♓22	15°50	25°11	24° 0	29° 6	17°16	8°22	17° 8	21° 9	23°54	24°45	23°26	17° 4	W28
T 29	2 28 21	5°23'14	22° 5	16°54	26°23	24°40	29° 9	17°12	8°23	17° 6	21°10	23°52	24°42	23°33	17°10	T 29
F 30	2 32 17	6°23'19	6♈57	18° 4	27°34	25°20	29°13	17° 7	8°24	17° 5	21°10	23°49	24°39	23°40	17°15	F 30
S 31	2 36 14	7♏23'25	21♈52	19♎18	28♍46	26♎ 1	29♋16	17♉ 2	8♌25	17♈ 3	21♌11	23♉47	24♉36	23♍46	17♐21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 0	11s 7	4s52	13s56	3s35	13n26	0s 9	1s44	0n46	21n 5	0n11	15n 7	2s30	18n58	0n36	5n25	1s44	23n31	9n24	19n 0	19n20	8n 7	17s12	5n27
F 2	3 24	4 33	4 16	13 50	3 33	13 7	0 5	2 0	0 46	21 4	0 11	15 6	2 30	18 57	0 36	5 25	1 44	23 31	9 24	18 58	19 19	8 4	17 13	5 27
S 3	3 47	2n17	3 22	13 40	3 29	12 49	0 0	2 16	0 45	21 3	0 12	15 5	2 30	18 57	0 36	5 24	1 44	23 30	9 24	18 57	19 18	8 1	17 13	5 27
S 4	4 10	8 55	2 15	13 25	3 23	12 30	0n 4	2 32	0 45	21 1	0 12	15 4	2 30	18 56	0 36	5 23	1 44	23 30	9 25	18 56	19 18	7 58	17 14	5 26
M 5	4 34	14 56	1 0	13 6	3 16	12 10	0 8	2 47	0 45	21 0	0 12	15 3	2 30	18 56	0 36	5 23	1 44	23 30	9 25	18 55	19 17	7 55	17 15	5 26
T 6	4 57	19 57	0n17	12 42	3 7	11 51	0 12	3 3	0 44	20 59	0 12	15 2	2 31	18 55	0 36	5 22	1 44	23 30	9 25	18 55	19 16	7 52	17 16	5 26
W 7	5 20	23 42	1 31	12 13	2 56	11 30	0 16	3 19	0 44	20 57	0 12	15 1	2 31	18 55	0 36	5 21	1 44	23 30	9 26	18 55	19 15	7 49	17 16	5 26
T 8	5 43	26 0	2 37	11 40	2 44	11 10	0 21	3 35	0 43	20 56	0 12	14 59	2 31	18 54	0 36	5 21	1 44	23 30	9 26	18 56	19 15	7 46	17 17	5 25
F 9	6 6	26 48	3 33	11 3	2 29	10 49	0 25	3 51	0 43	20 55	0 12	14 58	2 31	18 54	0 36	5 20	1 44	23 29	9 26	18 56	19 14	7 43	17 18	5 25
S 10	6 29	26 11	4 17	10 22	2 13	10 27	0 28	4 7	0 42	20 54	0 13	14 57	2 31	18 54	0 36	5 20	1 44	23 29	9 26	18 56	19 13	7 40	17 19	5 25
S 11	6 52	24 18	4 49	9 38	1 55	10 6	0 32	4 23	0 42	20 53	0 13	14 56	2 31	18 53	0 36	5 19	1 44	23 29	9 27	18 56	19 12	7 37	17 19	5 24
M12	7 14	21 20	5 6	8 53	1 36	9 44	0 36	4 39	0 42	20 51	0 13	14 55	2 31	18 53	0 36	5 18	1 44	23 29	9 27	18 55	19 12	7 34	17 20	5 24
T 13	7 37	17 31	5 11	8 7	1 16	9 21	0 40	4 54	0 41	20 50	0 13	14 54	2 31	18 52	0 36	5 18	1 44	23 29	9 27	18 54	19 11	7 31	17 21	5 24
W14	7 59	13 3	5 2	7 21	0 56	8 59	0 43	5 10	0 41	20 49	0 13	14 53	2 32	18 52	0 36	5 17	1 44	23 29	9 28	18 52	19 10	7 28	17 22	5 24
T 15	8 22	8 7	4 39	6 37	0 35	8 36	0 47	5 26	0 40	20 48	0 13	14 51	2 32	18 51	0 36	5 16	1 44	23 29	9 28	18 51	19 9	7 25	17 23	5 23
F 16	8 44	2 52	4 5	5 55	0 15	8 12	0 50	5 42	0 40	20 47	0 13	14 50	2 32	18 51	0 36	5 16	1 44	23 29	9 28	18 49	19 9	7 22	17 23	5 23
S 17	9 6	2s30	3 20	5 17	0n 5	7 49	0 54	5 57	0 39	20 46	0 14	14 49	2 32	18 51	0 36	5 15	1 44	23 29	9 29	18 48	19 8	7 19	17 24	5 23
S 18	9 28	7 51	2 26	4 44	0 24	7 25	0 57	6 13	0 39	20 45	0 14	14 48	2 32	18 50	0 36	5 14	1 44	23 29	9 29	18 47	19 7	7 16	17 25	5 22
M19	9 50	12 57	1 24	4 17	0 41	7 1	1 0	6 29	0 39	20 44	0 14	14 47	2 32	18 50	0 36	5 14	1 44	23 29	9 29	18 46	19 6	7 13	17 26	5 22
T 20	10 12	17 37	0 18	3 55	0 58	6 36	1 3	6 44	0 38	20 43	0 14	14 45	2 32	18 50	0 37	5 13	1 44	23 29	9 29	18 46	19 5	7 10	17 26	5 22
W21	10 34	21 36	0s50	3 38	1 12	6 12	1 6	7 0	0 38	20 43	0 14	14 44	2 32	18 49	0 37	5 13	1 44	23 29	9 30	18 46	19 5	7 7	17 27	5 22
T 22	10 55	24 38	1 57	3 28	1 25	5 47	1 9	7 15	0 37	20 42	0 14	14 43	2 32	18 49	0 37	5 12	1 44	23 29	9 30	18 46	19 4	7 4	17 28	5 22
F 23	11 16	26 27	2 59	3 24	1 36	5 21	1 12	7 31	0 37	20 41	0 15	14 41	2 32	18 49	0 37	5 11	1 44	23 29	9 30	18 47	19 3	7 0	17 29	5 21
S 24	11 38	26 51	3 53	3 25	1 45	4 56	1 15	7 46	0 36	20 40	0 15	14 40	2 32	18 49	0 37	5 11	1 44	23 29	9 31	18 47	19 2	6 57	17 29	5 21
S 25	11 59	25 41	4 36	3 31	1 53	4 30	1 17	8 2	0 36	20 39	0 15	14 39	2 32	18 48	0 37	5 10	1 44	23 29	9 31	18 47	19 2	6 54	17 30	5 21
M26	12 19	22 59	5 4	3 42	1 59	4 5	1 20	8 17	0 35	20 39	0 15	14 38	2 32	18 48	0 37	5 9	1 44	23 29	9 31	18 47	19 1	6 51	17 31	5 21
T 27	12 40	18 51	5 15	3 57	2 4	3 39	1 22	8 32	0 35	20 38	0 15	14 36	2 32	18 48	0 37	5 9	1 44	23 29	9 32	18 47	19 0	6 48	17 31	5 20
W28	13 0	13 33	5 7	4 17	2 8	3 13	1 25	8 48	0 34	20 37	0 15	14 35	2 32	18 48	0 37	5 8	1 44	23 29	9 32	18 47	18 59	6 45	17 32	5 20
T 29	13 20	7 24	4 38	4 39	2 10	2 46	1 27	9 3	0 34	20 37	0 15	14 34	2 32	18 47	0 37	5 8	1 44	23 29	9 32	18 46	18 59	6 42	17 33	5 20
F 30	13 40	0 46	3 50	5 5	2 11	2 20	1 29	9 18	0 33	20 36	0 16	14 32	2 32	18 47	0 37	5 7	1 44	23 29	9 33	18 46	18 58	6 39	17 34	5 20
S 31	14s 0	5n57	2s47	5s33	2n11	1n53	1n31	9s33	0n33	20n36	0n16	14n31	2s32	18n47	0n37	5n 7	1s44	23n29	9n33	18n45	18n57	6n36	17s34	5n20

Julian Day Number = 2344071.5, Delta T = 12.53 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°37'58, Lahiri = 19°44'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

NOVEMBER 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 10	8♏23'34	6♉41	20♎36	29♍58	26♎41	29♋19	16°R57	8♌26	17°R 2	21♌12	23°R46	24♉33	23♍53	17♐27	S 1
M 2	2 44 7	9°23'44	21°17	21°57	1♎ 9	27°21	29°22	16♉53	8°26	17♈ 0	21°12	23°D45	24°29	24° 0	17°33	M 2
T 3	2 48 3	10°23'56	5♊33	23°21	2°21	28° 1	29°25	16°48	8°27	16°59	21°13	23♉46	24°26	24° 7	17°39	T 3
W 4	2 52 0	11°24'10	19°26	24°48	3°33	28°42	29°27	16°43	8°28	16°57	21°14	23°46	24°23	24°13	17°44	W 4
T 5	2 55 57	12°24'26	2♋53	26°16	4°46	29°22	29°29	16°38	8°28	16°56	21°14	23°47	24°20	24°20	17°50	T 5
F 6	2 59 53	13°24'44	15°55	27°46	5°58	0♏ 3	29°32	16°33	8°29	16°54	21°15	23°48	24°17	24°27	17°56	F 6
S 7	3 3 50	14°25'04	28°35	29°17	7°10	0°43	29°33	16°28	8°29	16°53	21°15	23°49	24°14	24°33	18° 2	S 7
S 8	3 7 46	15°25'26	10♌56	0♏50	8°23	1°24	29°35	16°24	8°29	16°51	21°16	23°R50	24°10	24°40	18° 9	S 8
M 9	3 11 43	16°25'50	23° 3	2°23	9°35	2° 4	29°37	16°19	8°30	16°50	21°16	23°50	24° 7	24°47	18°15	M 9
T 10	3 15 39	17°26'16	5♍ 0	3°57	10°48	2°45	29°38	16°14	8°30	16°49	21°16	23°49	24° 4	24°54	18°21	T 10
W11	3 19 36	18°26'43	16°52	5°31	12° 1	3°26	29°39	16° 9	8°30	16°47	21°17	23°49	24° 1	25° 0	18°27	W11
T 12	3 23 32	19°27'13	28°43	7° 6	13°14	4° 6	29°40	16° 4	8°30	16°46	21°17	23°48	23°58	25° 7	18°33	T 12
F 13	3 27 29	20°27'44	10♎36	8°41	14°26	4°47	29°41	15°59	8°30	16°45	21°17	23°48	23°54	25°14	18°40	F 13
S 14	3 31 26	21°28'17	22°36	10°16	15°39	5°28	29°42	15°54	8°R30	16°43	21°18	23°47	23°51	25°20	18°46	S 14
S 15	3 35 22	22°28'51	4♏45	11°51	16°52	6° 8	29°42	15°49	8°30	16°42	21°18	23°47	23°48	25°27	18°52	S 15
M16	3 39 19	23°29'28	17° 5	13°27	18° 6	6°49	29°R42	15°45	8°30	16°41	21°18	23°47	23°45	25°34	18°58	M16
T 17	3 43 15	24°30'05	29°37	15° 2	19°19	7°30	29°42	15°40	8°30	16°39	21°18	23°47	23°42	25°40	19° 5	T 17
W18	3 47 12	25°30'45	12♐23	16°38	20°32	8°11	29°42	15°35	8°30	16°38	21°19	23°47	23°39	25°47	19°11	W18
T 19	3 51 8	26°31'25	25°21	18°13	21°45	8°52	29°42	15°30	8°30	16°37	21°19	23°47	23°35	25°54	19°18	T 19
F 20	3 55 5	27°32'08	8♑33	19°48	22°59	9°33	29°41	15°26	8°29	16°36	21°19	23°46	23°32	26° 1	19°24	F 20
S 21	3 59 1	28°32'51	21°58	21°23	24°12	10°14	29°40	15°21	8°29	16°35	21°19	23°46	23°29	26° 7	19°31	S 21
S 22	4 2 58	29°33'35	5♒36	22°58	25°26	10°55	29°39	15°16	8°29	16°34	21°19	23°45	23°26	26°14	19°37	S 22
M23	4 6 55	0♐34'20	19°27	24°33	26°39	11°36	29°38	15°12	8°28	16°32	21°R19	23°45	23°23	26°21	19°44	M23
T 24	4 10 51	1°35'07	3♓28	26° 8	27°53	12°17	29°36	15° 7	8°28	16°31	21°19	23°D45	23°20	26°27	19°50	T 24
W25	4 14 48	2°35'54	17°40	27°42	29° 6	12°58	29°35	15° 2	8°27	16°30	21°19	23°45	23°16	26°34	19°57	W25
T 26	4 18 44	3°36'42	2♈ 0	29°17	0♏20	13°39	29°33	14°58	8°27	16°29	21°19	23°46	23°13	26°41	20° 3	T 26
F 27	4 22 41	4°37'31	16°25	0♐51	1°34	14°21	29°31	14°54	8°26	16°28	21°19	23°46	23°10	26°47	20°10	F 27
S 28	4 26 37	5°38'21	0♉52	2°26	2°48	15° 2	29°29	14°49	8°25	16°27	21°19	23°47	23° 7	26°54	20°17	S 28
S 29	4 30 34	6°39'12	15°14	4° 0	4° 2	15°43	29°26	14°45	8°24	16°26	21°18	23°48	23° 4	27° 1	20°23	S 29
M30	4 34 30	7♐40'04	29♉29	5♐35	5♏16	16♏24	29♋24	14♉40	8♌23	16♈25	21♌18	23°R48	23♉ 0	27♍ 8	20♐30	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s20	12n18	1s33	6s 3	2n10	1n26	1n33	9s48	0n32	20n35	0n16	14n30	2s32	18n47	0n37	5n 6	1s44	23n29	9n33	18n45	18n56	6n33	17s35	5n20
M 2	14 39	17 54	0 14	6 35	2 9	0 59	1 35	10 3	0 32	20 35	0 16	14 28	2 32	18 47	0 37	5 5	1 44	23 29	9 34	18 45	18 55	6 30	17 36	5 19
T 3	14 58	22 20	1n 5	7 8	2 6	0 32	1 37	10 18	0 31	20 34	0 16	14 27	2 32	18 47	0 37	5 5	1 44	23 29	9 34	18 45	18 55	6 27	17 36	5 19
W 4	15 17	25 20	2 17	7 43	2 3	0 5	1 38	10 33	0 31	20 34	0 17	14 25	2 32	18 46	0 37	5 4	1 44	23 29	9 34	18 45	18 54	6 24	17 37	5 19
T 5	15 35	26 47	3 20	8 18	1 59	0s22	1 40	10 48	0 31	20 34	0 17	14 24	2 32	18 46	0 37	5 4	1 44	23 30	9 35	18 45	18 53	6 21	17 38	5 19
F 6	15 53	26 40	4 10	8 54	1 55	0 49	1 42	11 2	0 30	20 34	0 17	14 23	2 32	18 46	0 37	5 3	1 44	23 30	9 35	18 45	18 52	6 18	17 38	5 19
S 7	16 11	25 9	4 47	9 31	1 51	1 16	1 43	11 17	0 30	20 33	0 17	14 21	2 32	18 46	0 37	5 3	1 44	23 30	9 36	18 46	18 52	6 15	17 39	5 19
S 8	16 29	22 28	5 9	10 8	1 46	1 44	1 44	11 32	0 29	20 33	0 17	14 20	2 32	18 46	0 37	5 2	1 44	23 30	9 36	18 46	18 51	6 12	17 40	5 18
M 9	16 47	18 50	5 17	10 45	1 40	2 11	1 46	11 46	0 29	20 33	0 17	14 19	2 32	18 46	0 37	5 2	1 44	23 30	9 36	18 46	18 50	6 8	17 40	5 18
T 10	17 4	14 31	5 11	11 22	1 35	2 39	1 47	12 0	0 28	20 33	0 18	14 17	2 32	18 46	0 37	5 1	1 44	23 30	9 37	18 46	18 49	6 5	17 41	5 18
W11	17 21	9 40	4 52	11 59	1 29	3 6	1 48	12 15	0 27	20 33	0 18	14 16	2 32	18 46	0 37	5 1	1 44	23 31	9 37	18 45	18 48	6 2	17 42	5 18
T 12	17 37	4 29	4 20	12 36	1 23	3 34	1 49	12 29	0 27	20 33	0 18	14 15	2 32	18 46	0 37	5 0	1 44	23 31	9 37	18 45	18 48	5 59	17 42	5 18
F 13	17 54	0s52	3 37	13 13	1 16	4 1	1 50	12 43	0 26	20 33	0 18	14 13	2 32	18 46	0 37	5 0	1 44	23 31	9 38	18 45	18 47	5 56	17 43	5 18
S 14	18 10	6 16	2 44	13 49	1 10	4 28	1 50	12 57	0 26	20 33	0 18	14 12	2 32	18 46	0 38	4 59	1 44	23 31	9 38	18 45	18 46	5 53	17 43	5 18
S 15	18 25	11 30	1 44	14 25	1 3	4 56	1 51	13 11	0 25	20 33	0 18	14 11	2 32	18 46	0 38	4 59	1 44	23 32	9 38	18 45	18 45	5 50	17 44	5 18
M16	18 41	16 22	0 37	15 0	0 56	5 23	1 52	13 25	0 25	20 33	0 19	14 10	2 32	18 46	0 38	4 58	1 44	23 32	9 39	18 45	18 44	5 47	17 45	5 18
T 17	18 56	20 38	0s32	15 35	0 50	5 50	1 52	13 39	0 24	20 33	0 19	14 8	2 32	18 46	0 38	4 58	1 44	23 32	9 39	18 45	18 44	5 44	17 45	5 18
W18	19 10	23 59	1 41	16 9	0 43	6 18	1 53	13 53	0 24	20 33	0 19	14 7	2 32	18 46	0 38	4 57	1 44	23 32	9 39	18 45	18 43	5 41	17 46	5 18
T 19	19 25	26 10	2 46	16 42	0 36	6 45	1 53	14 7	0 23	20 34	0 19	14 6	2 31	18 47	0 38	4 57	1 44	23 33	9 40	18 45	18 42	5 38	17 46	5 17
F 20	19 39	26 55	3 44	17 15	0 29	7 12	1 53	14 20	0 23	20 34	0 19	14 4	2 31	18 47	0 38	4 57	1 43	23 33	9 40	18 45	18 41	5 34	17 47	5 17
S 21	19 52	26 7	4 30	17 47	0 22	7 39	1 53	14 34	0 22	20 34	0 19	14 3	2 31	18 47	0 38	4 56	1 43	23 33	9 40	18 45	18 41	5 31	17 47	5 17
S 22	20 5	23 46	5 1	18 18	0 15	8 5	1 53	14 47	0 22	20 35	0 20	14 2	2 31	18 47	0 38	4 56	1 43	23 34	9 41	18 45	18 40	5 28	17 48	5 17
M23	20 18	20 1	5 16	18 48	0 8	8 32	1 53	15 0	0 21	20 35	0 20	14 1	2 31	18 47	0 38	4 55	1 43	23 34	9 41	18 44	18 39	5 25	17 48	5 17
T 24	20 31	15 6	5 12	19 18	0 2	8 59	1 53	15 13	0 21	20 36	0 20	14 0	2 31	18 47	0 38	4 55	1 43	23 34	9 42	18 44	18 38	5 22	17 49	5 17
W25	20 43	9 19	4 50	19 46	0s 5	9 25	1 53	15 26	0 20	20 36	0 20	13 58	2 31	18 47	0 38	4 55	1 43	23 35	9 42	18 44	18 37	5 19	17 49	5 17
T 26	20 55	3 1	4 9	20 13	0 12	9 51	1 53	15 39	0 19	20 37	0 20	13 57	2 31	18 48	0 38	4 54	1 43	23 35	9 42	18 45	18 37	5 16	17 50	5 17
F 27	21 6	3n30	3 13	20 40	0 19	10 17	1 52	15 52	0 19	20 37	0 21	13 56	2 30	18 48	0 38	4 54	1 43	23 35	9 43	18 45	18 36	5 13	17 50	5 17
S 28	21 17	9 52	2 4	21 6	0 25	10 43	1 52	16 5	0 18	20 38	0 21	13 55	2 30	18 48	0 38	4 54	1 43	23 36	9 43	18 45	18 35	5 10	17 51	5 17
S 29	21 27	15 41	0 47	21 30	0 32	11 8	1 51	16 17	0 18	20 39	0 21	13 54	2 30	18 48	0 38	4 53	1 43	23 36	9 43	18 45	18 34	5 6	17 51	5 17
M30	21s37	20n35	0n31	21s54	0s38	11s33	1n51	16s30	0n17	20n39	0n21	13n53	2s30	18n49	0n38	4n53	1s43	23n36	9n44	18n45	18n33	5n 3	17s52	5n17

Julian Day Number = 2344102.5, Delta T = 12.50 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'02, Lahiri = 19°45'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1705
geocentric

DECEMBER 1705 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 27	8♐40'57	13♊30	7♐ 9	6♏30	17♏ 6	29°R21	14°R36	8°R23	16°R25	21°R18	23°R47	22♉57	27♍14	20♐37	T 1
W 2	4 42 24	9°41'51	27°14	8°43	7°44	17°47	29♋18	14♉32	8♌22	16♈24	21♌18	23♉46	22°54	27°21	20°43	W 2
T 3	4 46 20	10°42'46	10♋38	10°17	8°58	18°29	29°15	14°28	8°21	16°23	21°17	23°44	22°51	27°28	20°50	T 3
F 4	4 50 17	11°43'43	23°41	11°52	10°12	19°10	29°12	14°24	8°20	16°22	21°17	23°41	22°48	27°34	20°57	F 4
S 5	4 54 13	12°44'40	6♌24	13°26	11°26	19°52	29° 8	14°20	8°19	16°21	21°17	23°38	22°45	27°41	21° 4	S 5
S 6	4 58 10	13°45'39	18°48	15° 0	12°40	20°33	29° 4	14°16	8°17	16°21	21°16	23°36	22°41	27°48	21°10	S 6
M 7	5 2 6	14°46'38	0♍58	16°34	13°54	21°15	29° 0	14°12	8°16	16°20	21°16	23°34	22°38	27°54	21°17	M 7
T 8	5 6 3	15°47'39	12°56	18° 9	15° 9	21°56	28°56	14° 8	8°15	16°19	21°16	23°D33	22°35	28° 1	21°24	T 8
W 9	5 10 0	16°48'41	24°48	19°43	16°23	22°38	28°52	14° 5	8°14	16°19	21°15	23°33	22°32	28° 8	21°30	W 9
T 10	5 13 56	17°49'44	6♎39	21°18	17°37	23°20	28°48	14° 1	8°12	16°18	21°15	23°34	22°29	28°15	21°37	T 10
F 11	5 17 53	18°50'48	18°33	22°53	18°52	24° 1	28°43	13°57	8°11	16°17	21°14	23°36	22°26	28°21	21°44	F 11
S 12	5 21 49	19°51'52	0♏36	24°28	20° 6	24°43	28°38	13°54	8° 9	16°17	21°14	23°38	22°22	28°28	21°51	S 12
S 13	5 25 46	20°52'58	12°50	26° 3	21°20	25°25	28°33	13°51	8° 8	16°16	21°13	23°39	22°19	28°35	21°58	S 13
M14	5 29 42	21°54'05	25°20	27°38	22°35	26° 7	28°28	13°47	8° 6	16°16	21°12	23°R40	22°16	28°41	22° 4	M14
T 15	5 33 39	22°55'12	8♐ 8	29°13	23°49	26°49	28°23	13°44	8° 5	16°15	21°12	23°39	22°13	28°48	22°11	T 15
W16	5 37 35	23°56'20	21°14	0♑48	25° 4	27°31	28°17	13°41	8° 3	16°15	21°11	23°36	22°10	28°55	22°18	W16
T 17	5 41 32	24°57'29	4♑38	2°24	26°19	28°12	28°12	13°38	8° 2	16°15	21°11	23°32	22° 6	29° 1	22°25	T 17
F 18	5 45 29	25°58'38	18°17	3°59	27°33	28°54	28° 6	13°35	8° 0	16°14	21°10	23°27	22° 3	29° 8	22°31	F 18
S 19	5 49 25	26°59'47	2♒10	5°35	28°48	29°36	28° 0	13°32	7°58	16°14	21° 9	23°22	22° 0	29°15	22°38	S 19
S 20	5 53 22	28° 0'57	16°11	7°11	0♐ 2	0♐19	27°54	13°29	7°56	16°14	21° 8	23°16	21°57	29°22	22°45	S 20
M21	5 57 18	29° 2'06	0♓19	8°47	1°17	1° 1	27°48	13°27	7°55	16°13	21° 8	23°12	21°54	29°28	22°51	M21
T 22	6 1 15	0♑ 3'16	14°29	10°23	2°32	1°43	27°42	13°24	7°53	16°13	21° 7	23° 9	21°51	29°35	22°58	T 22
W23	6 5 11	1° 4'25	28°39	11°59	3°46	2°25	27°35	13°22	7°51	16°13	21° 6	23°D 8	21°47	29°42	23° 5	W23
T 24	6 9 8	2° 5'35	12♈47	13°35	5° 1	3° 7	27°29	13°19	7°49	16°13	21° 5	23° 9	21°44	29°48	23°12	T 24
F 25	6 13 4	3° 6'44	26°51	15°11	6°16	3°49	27°22	13°17	7°47	16°13	21° 4	23°10	21°41	29°55	23°18	F 25
S 26	6 17 1	4° 7'54	10♉51	16°47	7°30	4°32	27°15	13°15	7°45	16°13	21° 3	23°11	21°38	0♎ 2	23°25	S 26
S 27	6 20 58	5° 9'03	24°44	18°23	8°45	5°14	27° 8	13°13	7°43	16°13	21° 2	23°R12	21°35	0° 8	23°32	S 27
M28	6 24 54	6°10'12	8♊30	19°58	10° 0	5°56	27° 1	13°11	7°41	16°D13	21° 2	23°11	21°32	0°15	23°38	M28
T 29	6 28 51	7°11'21	22° 6	21°32	11°15	6°39	26°54	13° 9	7°39	16°13	21° 1	23° 7	21°28	0°22	23°45	T 29
W30	6 32 47	8°12'30	5♋30	23° 7	12°30	7°21	26°47	13° 7	7°36	16°13	21° 0	23° 2	21°25	0°28	23°51	W30
T 31	6 36 44	9♑13'39	18♋40	24♑40	13♐44	8♐ 3	26♋39	13♉ 5	7♌34	16♈13	20♌59	22♉54	21♉22	0♎35	23♐58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s47	24n13	1n47	22s16	0s44	11s58	1n50	16s42	0n17	20n40	0n21	13n52	2s30	18n49	0n38	4n53	1s43	23n37	9n44	18n45	18n33	5n 0	17s52	5n17
W 2	21 56	26 21	2 54	22 37	0 50	12 23	1 49	16 54	0 16	20 41	0 22	13 51	2 30	18 49	0 38	4 52	1 43	23 37	9 44	18 45	18 32	4 57	17 53	5 17
T 3	22 5	26 53	3 51	22 57	0 56	12 48	1 48	17 6	0 16	20 42	0 22	13 50	2 29	18 49	0 38	4 52	1 43	23 38	9 45	18 44	18 31	4 54	17 53	5 17
F 4	22 14	25 53	4 33	23 16	1 2	13 12	1 47	17 18	0 15	20 43	0 22	13 49	2 29	18 50	0 38	4 52	1 43	23 38	9 45	18 43	18 30	4 51	17 53	5 17
S 5	22 22	23 33	5 1	23 34	1 8	13 36	1 46	17 30	0 14	20 43	0 22	13 48	2 29	18 50	0 38	4 52	1 43	23 39	9 45	18 43	18 29	4 48	17 54	5 17
S 6	22 29	20 11	5 14	23 51	1 13	14 0	1 45	17 42	0 14	20 44	0 22	13 47	2 29	18 50	0 38	4 51	1 43	23 39	9 46	18 42	18 28	4 45	17 54	5 18
M 7	22 37	16 1	5 12	24 6	1 19	14 23	1 44	17 53	0 13	20 45	0 22	13 46	2 29	18 51	0 38	4 51	1 43	23 39	9 46	18 42	18 28	4 41	17 55	5 18
T 8	22 43	11 17	4 57	24 21	1 24	14 46	1 43	18 5	0 13	20 46	0 23	13 45	2 28	18 51	0 38	4 51	1 43	23 40	9 46	18 41	18 27	4 38	17 55	5 18
W 9	22 49	6 11	4 30	24 33	1 29	15 8	1 42	18 16	0 12	20 48	0 23	13 44	2 28	18 51	0 38	4 51	1 43	23 40	9 47	18 42	18 26	4 35	17 55	5 18
T 10	22 55	0 53	3 50	24 45	1 34	15 31	1 40	18 27	0 11	20 49	0 23	13 43	2 28	18 52	0 39	4 50	1 43	23 41	9 47	18 42	18 25	4 32	17 56	5 18
F 11	23 1	4s29	3 1	24 55	1 38	15 53	1 39	18 38	0 11	20 50	0 23	13 42	2 28	18 52	0 39	4 50	1 43	23 41	9 47	18 42	18 24	4 29	17 56	5 18
S 12	23 5	9 46	2 3	25 4	1 42	16 14	1 37	18 49	0 10	20 51	0 23	13 41	2 28	18 53	0 39	4 50	1 43	23 42	9 48	18 43	18 24	4 26	17 56	5 18
S 13	23 10	14 47	0 59	25 12	1 47	16 35	1 36	19 0	0 10	20 52	0 24	13 41	2 27	18 53	0 39	4 50	1 42	23 42	9 48	18 43	18 23	4 23	17 57	5 18
M14	23 14	19 17	0s 9	25 18	1 50	16 56	1 34	19 10	0 9	20 53	0 24	13 40	2 27	18 54	0 39	4 50	1 42	23 43	9 48	18 43	18 22	4 19	17 57	5 18
T 15	23 17	22 59	1 18	25 22	1 54	17 16	1 32	19 20	0 8	20 55	0 24	13 39	2 27	18 54	0 39	4 50	1 42	23 43	9 49	18 43	18 21	4 16	17 57	5 18
W16	23 20	25 36	2 25	25 26	1 57	17 36	1 31	19 31	0 8	20 56	0 24	13 38	2 27	18 54	0 39	4 50	1 42	23 44	9 49	18 42	18 20	4 13	17 57	5 18
T 17	23 23	26 49	3 25	25 27	2 0	17 55	1 29	19 41	0 7	20 57	0 24	13 38	2 26	18 55	0 39	4 49	1 42	23 44	9 49	18 41	18 20	4 10	17 58	5 19
F 18	23 25	26 26	4 15	25 28	2 3	18 14	1 27	19 51	0 6	20 58	0 24	13 37	2 26	18 55	0 39	4 49	1 42	23 45	9 50	18 40	18 19	4 7	17 58	5 19
S 19	23 27	24 25	4 50	25 27	2 5	18 32	1 25	20 0	0 6	21 0	0 25	13 36	2 26	18 56	0 39	4 49	1 42	23 45	9 50	18 39	18 18	4 4	17 58	5 19
S 20	23 28	20 55	5 9	25 24	2 7	18 50	1 23	20 10	0 5	21 1	0 25	13 36	2 26	18 56	0 39	4 49	1 42	23 46	9 50	18 37	18 17	4 0	17 58	5 19
M21	23 29	16 11	5 9	25 19	2 9	19 8	1 21	20 19	0 5	21 3	0 25	13 35	2 25	18 57	0 39	4 49	1 42	23 46	9 51	18 36	18 16	3 57	17 58	5 19
T 22	23 29	10 34	4 50	25 14	2 10	19 24	1 19	20 28	0 4	21 4	0 25	13 35	2 25	18 57	0 39	4 49	1 42	23 47	9 51	18 36	18 15	3 54	17 59	5 19
W23	23 28	4 25	4 14	25 6	2 10	19 41	1 17	20 37	0 3	21 5	0 25	13 34	2 25	18 58	0 39	4 49	1 42	23 48	9 51	18 35	18 15	3 51	17 59	5 20
T 24	23 28	1n57	3 22	24 57	2 11	19 56	1 15	20 46	0 3	21 7	0 25	13 34	2 25	18 58	0 39	4 49	1 42	23 48	9 51	18 35	18 14	3 48	17 59	5 20
F 25	23 27	8 13	2 18	24 47	2 11	20 12	1 13	20 55	0 2	21 8	0 26	13 33	2 24	18 59	0 39	4 49	1 42	23 49	9 52	18 36	18 13	3 45	17 59	5 20
S 26	23 25	14 3	1 7	24 34	2 10	20 26	1 11	21 3	0 1	21 10	0 26	13 33	2 24	18 59	0 39	4 49	1 42	23 49	9 52	18 36	18 12	3 41	17 59	5 20
S 27	23 23	19 7	0n 8	24 21	2 9	20 40	1 8	21 12	0 1	21 11	0 26	13 33	2 24	19 0	0 39	4 49	1 42	23 50	9 52	18 36	18 11	3 38	17 59	5 20
M28	23 20	23 6	1 22	24 5	2 7	20 54	1 6	21 20	0 0	21 13	0 26	13 32	2 24	19 1	0 39	4 49	1 42	23 50	9 53	18 36	18 10	3 35	17 59	5 21
T 29	23 17	25 44	2 30	23 48	2 5	21 7	1 4	21 28	0s 1	21 15	0 26	13 32	2 23	19 1	0 39	4 49	1 42	23 51	9 53	18 35	18 10	3 32	17 59	5 21
W30	23 13	26 50	3 28	23 30	2 2	21 19	1 1	21 36	0 1	21 16	0 26	13 32	2 23	19 2	0 39	4 49	1 42	23 52	9 53	18 34	18 9	3 29	17 59	5 21
T 31	23s 9	26n22	4n14	23s10	1s58	21s31	0n59	21s43	0s 2	21n18	0n27	13n32	2s23	19n 2	0n39	4n50	1s41	23n52	9n53	18n32	18n 8	3n26	18s 0	5n21

Julian Day Number = 2344132.5, Delta T = 12.48 sec
Ecliptic obliquity = 23°28'44, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'06, Lahiri = 19°45'06Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1706
geocentric

JANUARY 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 40	10♑14'49	1♌34	26♑12	14♐59	8♐46	26°R32	13°R 4	7°R32	16♈13	20°R58	22°R46	21♉19	0♎42	24♐ 5	F 1
S 2	6 44 37	11°15'58	14°12	27°43	16°14	9°28	26♋24	13♉ 2	7♌30	16°13	20♌57	22♉36	21°16	0°49	24°11	S 2
S 3	6 48 33	12°17'07	26°35	29°13	17°29	10°11	26°17	13° 1	7°27	16°13	20°55	22°28	21°12	0°55	24°18	S 3
M 4	6 52 30	13°18'16	8♍44	0♒40	18°44	10°54	26° 9	13° 0	7°25	16°13	20°54	22°20	21° 9	1° 2	24°24	M 4
T 5	6 56 27	14°19'25	20°43	2° 5	19°59	11°36	26° 1	12°59	7°23	16°14	20°53	22°15	21° 6	1° 9	24°31	T 5
W 6	7 0 23	15°20'34	2♎35	3°28	21°13	12°19	25°54	12°58	7°20	16°14	20°52	22°12	21° 3	1°15	24°37	W 6
T 7	7 4 20	16°21'42	14°24	4°47	22°28	13° 2	25°46	12°57	7°18	16°14	20°51	22°D11	21° 0	1°22	24°43	T 7
F 8	7 8 16	17°22'51	26°17	6° 2	23°43	13°44	25°38	12°56	7°16	16°15	20°50	22°11	20°57	1°29	24°50	F 8
S 9	7 12 13	18°24'00	8♏19	7°13	24°58	14°27	25°30	12°55	7°13	16°15	20°49	22°12	20°53	1°35	24°56	S 9
S 10	7 16 9	19°25'09	20°34	8°19	26°13	15°10	25°22	12°55	7°11	16°16	20°47	22°R13	20°50	1°42	25° 2	S 10
M11	7 20 6	20°26'18	3♐ 7	9°18	27°28	15°53	25°14	12°54	7° 8	16°16	20°46	22°12	20°47	1°49	25° 9	M11
T 12	7 24 2	21°27'26	16° 3	10°11	28°43	16°36	25° 6	12°54	7° 6	16°17	20°45	22° 9	20°44	1°55	25°15	T 12
W13	7 27 59	22°28'34	29°23	10°56	29°58	17°19	24°58	12°54	7° 3	16°17	20°44	22° 4	20°41	2° 2	25°21	W13
T 14	7 31 56	23°29'42	13♑ 6	11°33	1♑13	18° 2	24°50	12°D54	7° 1	16°18	20°42	21°56	20°38	2° 9	25°27	T 14
F 15	7 35 52	24°30'49	27°11	11°59	2°28	18°45	24°42	12°54	6°58	16°18	20°41	21°46	20°34	2°16	25°34	F 15
S 16	7 39 49	25°31'55	11♒33	12°16	3°43	19°28	24°34	12°54	6°56	16°19	20°40	21°36	20°31	2°22	25°40	S 16
S 17	7 43 45	26°33'01	26° 4	12°R22	4°58	20°11	24°26	12°54	6°53	16°20	20°39	21°25	20°28	2°29	25°46	S 17
M18	7 47 42	27°34'06	10♓39	12°16	6°13	20°54	24°18	12°54	6°51	16°20	20°37	21°16	20°25	2°36	25°52	M18
T 19	7 51 38	28°35'10	25°10	11°59	7°28	21°37	24°10	12°55	6°48	16°21	20°36	21° 9	20°22	2°42	25°58	T 19
W20	7 55 35	29°36'12	9♈33	11°30	8°43	22°20	24° 2	12°55	6°45	16°22	20°35	21° 5	20°18	2°49	26° 4	W20
T 21	7 59 32	0♒37'14	23°44	10°50	9°58	23° 3	23°54	12°56	6°43	16°23	20°33	21° 4	20°15	2°56	26°10	T 21
F 22	8 3 28	1°38'14	7♉42	10° 0	11°13	23°46	23°46	12°57	6°40	16°24	20°32	21°D 4	20°12	3° 2	26°16	F 22
S 23	8 7 25	2°39'14	21°27	9° 2	12°28	24°30	23°38	12°58	6°38	16°25	20°30	21°R 4	20° 9	3° 9	26°21	S 23
S 24	8 11 21	3°40'12	5♊ 0	7°56	13°43	25°13	23°30	12°59	6°35	16°25	20°29	21° 3	20° 6	3°16	26°27	S 24
M25	8 15 18	4°41'09	18°21	6°45	14°58	25°56	23°22	13° 0	6°32	16°26	20°28	21° 0	20° 3	3°22	26°33	M25
T 26	8 19 14	5°42'05	1♋32	5°31	16°13	26°40	23°14	13° 1	6°30	16°27	20°26	20°55	19°59	3°29	26°39	T 26
W27	8 23 11	6°43'00	14°33	4°16	17°28	27°23	23° 7	13° 3	6°27	16°28	20°25	20°46	19°56	3°36	26°44	W27
T 28	8 27 7	7°43'53	27°22	3° 2	18°43	28° 6	22°59	13° 4	6°25	16°30	20°23	20°35	19°53	3°42	26°50	T 28
F 29	8 31 4	8°44'46	10♌ 1	1°52	19°58	28°50	22°52	13° 6	6°22	16°31	20°22	20°21	19°50	3°49	26°55	F 29
S 30	8 35 1	9°45'37	22°27	0°47	21°12	29°33	22°44	13° 7	6°19	16°32	20°21	20° 7	19°47	3°56	27° 1	S 30
S 31	8 38 57	10♒46'27	4♍42	29♑48	22♑27	0♑17	22♋37	13♉ 9	6♌17	16♈33	20♌19	19♉53	19♉44	4♎ 3	27♐ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 5	24n30	4n46	22s49	1s54	21s42	0n56	21s51	0s 3	21n19	0n27	13n31	2s22	19n 3	0n39	4n50	1s41	23n53	9n54	18n30	18n 7	3n22	18s 0	5n21
S 2	23 0	21 26	5 4	22 26	1 49	21 52	0 54	21 58	0 3	21 21	0 27	13 31	2 22	19 4	0 39	4 50	1 41	23 53	9 54	18 27	18 6	3 19	18 0	5 22
S 3	22 55	17 28	5 6	22 2	1 43	22 2	0 52	22 5	0 4	21 22	0 27	13 31	2 22	19 4	0 39	4 50	1 41	23 54	9 54	18 25	18 5	3 16	18 0	5 22
M 4	22 49	12 51	4 54	21 37	1 37	22 11	0 49	22 11	0 5	21 24	0 27	13 31	2 22	19 5	0 39	4 50	1 41	23 55	9 54	18 23	18 5	3 13	18 0	5 22
T 5	22 42	7 49	4 30	21 11	1 29	22 20	0 46	22 18	0 5	21 26	0 27	13 31	2 21	19 5	0 39	4 50	1 41	23 55	9 55	18 22	18 4	3 10	18 0	5 23
W 6	22 36	2 33	3 54	20 43	1 21	22 27	0 44	22 24	0 6	21 27	0 28	13 31	2 21	19 6	0 39	4 50	1 41	23 56	9 55	18 21	18 3	3 6	18 0	5 23
T 7	22 28	2s47	3 9	20 16	1 12	22 35	0 41	22 31	0 7	21 29	0 28	13 31	2 21	19 7	0 39	4 50	1 41	23 56	9 55	18 21	18 2	3 3	18 0	5 23
F 8	22 21	8 4	2 15	19 47	1 1	22 41	0 39	22 37	0 7	21 30	0 28	13 31	2 20	19 7	0 39	4 51	1 41	23 57	9 55	18 21	18 1	3 0	18 0	5 23
S 9	22 13	13 8	1 14	19 18	0 50	22 47	0 36	22 42	0 8	21 32	0 28	13 31	2 20	19 8	0 39	4 51	1 41	23 58	9 56	18 21	18 0	2 57	17 59	5 24
S 10	22 4	17 47	0 9	18 50	0 38	22 52	0 34	22 48	0 9	21 34	0 28	13 31	2 20	19 9	0 39	4 51	1 41	23 58	9 56	18 21	18 0	2 54	17 59	5 24
M11	21 55	21 46	0s58	18 21	0 25	22 56	0 31	22 53	0 9	21 35	0 28	13 31	2 20	19 9	0 39	4 51	1 41	23 59	9 56	18 21	17 59	2 51	17 59	5 24
T 12	21 46	24 48	2 4	17 53	0 11	23 0	0 28	22 58	0 10	21 37	0 28	13 31	2 19	19 10	0 39	4 52	1 41	24 0	9 56	18 20	17 58	2 47	17 59	5 25
W13	21 36	26 33	3 5	17 27	0n 5	23 3	0 26	23 3	0 11	21 38	0 29	13 32	2 19	19 10	0 39	4 52	1 41	24 0	9 57	18 19	17 57	2 44	17 59	5 25
T 14	21 26	26 46	3 57	17 1	0 21	23 5	0 23	23 8	0 12	21 40	0 29	13 32	2 19	19 11	0 39	4 52	1 41	24 1	9 57	18 17	17 56	2 41	17 59	5 25
F 15	21 15	25 16	4 36	16 38	0 37	23 7	0 20	23 12	0 12	21 42	0 29	13 32	2 18	19 12	0 39	4 52	1 41	24 1	9 57	18 14	17 55	2 38	17 59	5 26
S 16	21 4	22 7	4 58	16 16	0 55	23 8	0 18	23 17	0 13	21 43	0 29	13 33	2 18	19 12	0 39	4 53	1 41	24 2	9 57	18 12	17 55	2 35	17 59	5 26
S 17	20 53	17 34	5 2	15 57	1 13	23 8	0 15	23 21	0 14	21 45	0 29	13 33	2 18	19 13	0 39	4 53	1 41	24 3	9 57	18 9	17 54	2 31	17 59	5 26
M18	20 41	11 59	4 46	15 41	1 31	23 8	0 12	23 24	0 14	21 46	0 29	13 33	2 17	19 14	0 39	4 53	1 41	24 3	9 58	18 6	17 53	2 28	17 58	5 27
T 19	20 29	5 46	4 12	15 28	1 50	23 6	0 10	23 28	0 15	21 48	0 29	13 34	2 17	19 14	0 40	4 54	1 40	24 4	9 58	18 5	17 52	2 25	17 58	5 27
W20	20 16	0n42	3 22	15 19	2 7	23 5	0 7	23 31	0 16	21 49	0 29	13 34	2 17	19 15	0 40	4 54	1 40	24 5	9 58	18 4	17 51	2 22	17 58	5 27
T 21	20 3	7 4	2 20	15 13	2 25	23 2	0 4	23 34	0 17	21 51	0 30	13 35	2 17	19 16	0 40	4 54	1 40	24 5	9 58	18 3	17 50	2 19	17 58	5 28
F 22	19 50	12 59	1 10	15 11	2 41	22 59	0 2	23 37	0 17	21 52	0 30	13 35	2 16	19 16	0 40	4 55	1 40	24 6	9 58	18 3	17 49	2 15	17 58	5 28
S 23	19 36	18 11	0n 2	15 12	2 56	22 55	0s 1	23 40	0 18	21 54	0 30	13 36	2 16	19 17	0 40	4 55	1 40	24 6	9 59	18 3	17 49	2 12	17 57	5 29
S 24	19 22	22 22	1 13	15 17	3 8	22 50	0 3	23 42	0 19	21 55	0 30	13 36	2 16	19 18	0 40	4 56	1 40	24 7	9 59	18 3	17 48	2 9	17 57	5 29
M25	19 7	25 17	2 19	15 24	3 19	22 44	0 6	23 45	0 20	21 57	0 30	13 37	2 15	19 18	0 40	4 56	1 40	24 8	9 59	18 2	17 47	2 6	17 57	5 29
T 26	18 53	26 45	3 17	15 34	3 28	22 38	0 9	23 47	0 20	21 58	0 30	13 38	2 15	19 19	0 40	4 56	1 40	24 8	9 59	18 1	17 46	2 2	17 57	5 30
W27	18 37	26 43	4 3	15 46	3 34	22 31	0 11	23 48	0 21	22 0	0 30	13 38	2 15	19 20	0 40	4 57	1 40	24 9	9 59	17 59	17 45	1 59	17 56	5 30
T 28	18 22	25 14	4 36	15 59	3 37	22 24	0 14	23 50	0 22	22 1	0 30	13 39	2 14	19 20	0 40	4 57	1 40	24 9	9 59	17 55	17 44	1 56	17 56	5 31
F 29	18 6	22 30	4 55	16 14	3 38	22 16	0 16	23 51	0 23	22 2	0 30	13 40	2 14	19 21	0 40	4 58	1 40	24 10	9 59	17 52	17 43	1 53	17 56	5 31
S 30	17 50	18 46	5 0	16 29	3 37	22 7	0 19	23 52	0 23	22 4	0 31	13 41	2 14	19 22	0 40	4 58	1 40	24 11	10 0	17 48	17 43	1 50	17 55	5 31
S 31	17s34	14n18	4n50	16s45	3n34	21s57	0s21	23s53	0s24	22n 5	0n31	13n41	2s14	19n22	0n40	4n59	1s40	24n11	10n 0	17n44	17n42	1n46	17s55	5n32

Julian Day Number = 2344163.5, Delta T = 12.46 sec
Ecliptic obliquity = 23°28'44, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'10, Lahiri = 19°45'11Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

FEBRUARY 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 42 54	11♒47'16	16♍47	28°R56	23♑42	1♑ 0	22°R30	13♉11	6°R14	16♈34	20°R18	19°R41	19♉40	4♎ 9	27♐12	M 1
T 2	8 46 50	12°48'04	28°43	28♑12	24°57	1°44	22♋22	13°13	6♌11	16°35	20♌16	19♉32	19°37	4°16	27°17	T 2
W 3	8 50 47	13°48'51	10♎33	27°36	26°12	2°28	22°15	13°15	6° 9	16°36	20°15	19°25	19°34	4°23	27°22	W 3
T 4	8 54 43	14°49'37	22°21	27° 9	27°27	3°11	22° 8	13°18	6° 6	16°38	20°13	19°21	19°31	4°29	27°27	T 4
F 5	8 58 40	15°50'22	4♏12	26°49	28°42	3°55	22° 2	13°20	6° 4	16°39	20°12	19°19	19°28	4°36	27°32	F 5
S 6	9 2 36	16°51'05	16°11	26°38	29°57	4°39	21°55	13°22	6° 1	16°40	20°10	19°19	19°24	4°43	27°38	S 6
S 7	9 6 33	17°51'48	28°23	26°D35	1♒12	5°23	21°48	13°25	5°59	16°42	20° 9	19°19	19°21	4°49	27°43	S 7
M 8	9 10 30	18°52'30	10♐55	26°39	2°27	6° 6	21°42	13°28	5°56	16°43	20° 7	19°18	19°18	4°56	27°48	M 8
T 9	9 14 26	19°53'11	23°49	26°49	3°42	6°50	21°35	13°30	5°53	16°44	20° 6	19°15	19°15	5° 3	27°53	T 9
W10	9 18 23	20°53'50	7♑12	27° 6	4°57	7°34	21°29	13°33	5°51	16°46	20° 4	19° 9	19°12	5° 9	27°57	W10
T 11	9 22 19	21°54'28	21° 2	27°29	6°12	8°18	21°23	13°36	5°48	16°47	20° 3	19° 0	19° 9	5°16	28° 2	T 11
F 12	9 26 16	22°55'05	5♒20	27°57	7°27	9° 2	21°17	13°39	5°46	16°49	20° 2	18°50	19° 5	5°23	28° 7	F 12
S 13	9 30 12	23°55'41	20° 1	28°30	8°42	9°46	21°12	13°42	5°44	16°50	20° 0	18°38	19° 2	5°29	28°12	S 13
S 14	9 34 9	24°56'15	4♓56	29° 8	9°57	10°30	21° 6	13°46	5°41	16°52	19°59	18°26	18°59	5°36	28°16	S 14
M15	9 38 5	25°56'47	19°57	29°50	11°12	11°14	21° 0	13°49	5°39	16°53	19°57	18°15	18°56	5°43	28°21	M15
T 16	9 42 2	26°57'17	4♈53	0♒36	12°27	11°58	20°55	13°52	5°36	16°55	19°56	18° 7	18°53	5°49	28°25	T 16
W17	9 45 59	27°57'46	19°37	1°26	13°42	12°42	20°50	13°56	5°34	16°57	19°54	18° 2	18°50	5°56	28°29	W17
T 18	9 49 55	28°58'13	4♉ 4	2°19	14°56	13°26	20°45	14° 0	5°32	16°58	19°53	18° 0	18°46	6° 3	28°34	T 18
F 19	9 53 52	29°58'37	18°10	3°15	16°11	14°10	20°40	14° 3	5°29	17° 0	19°51	17°D59	18°43	6° 9	28°38	F 19
S 20	9 57 48	0♓59'00	1♊56	4°14	17°26	14°54	20°35	14° 7	5°27	17° 2	19°50	17°R59	18°40	6°16	28°42	S 20
S 21	10 1 45	1°59'21	15°22	5°16	18°41	15°38	20°31	14°11	5°25	17° 3	19°48	17°59	18°37	6°23	28°46	S 21
M22	10 5 41	2°59'40	28°32	6°20	19°56	16°22	20°27	14°15	5°22	17° 5	19°47	17°56	18°34	6°30	28°50	M22
T 23	10 9 38	3°59'57	11♋26	7°26	21°11	17° 7	20°22	14°19	5°20	17° 7	19°46	17°51	18°30	6°36	28°54	T 23
W24	10 13 34	5° 0'12	24° 8	8°35	22°26	17°51	20°19	14°24	5°18	17° 9	19°44	17°43	18°27	6°43	28°58	W24
T 25	10 17 31	6° 0'25	6♌39	9°45	23°40	18°35	20°15	14°28	5°16	17°10	19°43	17°33	18°24	6°50	29° 2	T 25
F 26	10 21 28	7° 0'36	19° 1	10°58	24°55	19°19	20°11	14°32	5°14	17°12	19°41	17°20	18°21	6°56	29° 6	F 26
S 27	10 25 24	8° 0'45	1♍13	12°12	26°10	20° 4	20° 8	14°37	5°12	17°14	19°40	17° 7	18°18	7° 3	29° 9	S 27
S 28	10 29 21	9♓ 0'52	13♍18	13♒28	27♒25	20♑48	20♋ 4	14♉41	5♌10	17♈16	19♌38	16♉54	18♉15	7♎10	29♐13	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s17	9n20	4n28	17s 0	3n29	21s47	0s24	23s53	0s25	22n 6	0n31	13n42	2s13	19n23	0n40	4n59	1s40	24n12	10n 0	17n41	17n41	1n43	17s55	5n32
T 2	17 0	4 5	3 54	17 16	3 22	21 36	0 26	23 54	0 26	22 8	0 31	13 43	2 13	19 24	0 40	5 0	1 40	24 12	10 0	17 39	17 40	1 40	17 54	5 33
W 3	16 42	1s17	3 10	17 31	3 14	21 25	0 28	23 54	0 26	22 9	0 31	13 44	2 13	19 24	0 40	5 0	1 40	24 13	10 0	17 37	17 39	1 37	17 54	5 33
T 4	16 25	6 35	2 17	17 45	3 4	21 13	0 31	23 54	0 27	22 10	0 31	13 45	2 12	19 25	0 40	5 1	1 40	24 14	10 0	17 36	17 38	1 34	17 54	5 34
F 5	16 7	11 42	1 19	17 59	2 54	21 0	0 33	23 53	0 28	22 11	0 31	13 46	2 12	19 26	0 40	5 1	1 40	24 14	10 0	17 35	17 37	1 30	17 53	5 34
S 6	15 49	16 27	0 17	18 12	2 43	20 46	0 35	23 53	0 29	22 12	0 31	13 47	2 12	19 26	0 40	5 2	1 40	24 15	10 0	17 35	17 37	1 27	17 53	5 35
S 7	15 30	20 37	0s48	18 23	2 32	20 32	0 38	23 52	0 29	22 13	0 31	13 48	2 12	19 27	0 40	5 2	1 40	24 15	10 0	17 35	17 36	1 24	17 52	5 35
M 8	15 11	23 57	1 52	18 34	2 20	20 18	0 40	23 51	0 30	22 15	0 31	13 49	2 11	19 28	0 40	5 3	1 39	24 16	10 1	17 35	17 35	1 21	17 52	5 36
T 9	14 52	26 11	2 52	18 44	2 8	20 2	0 42	23 49	0 31	22 16	0 31	13 50	2 11	19 28	0 40	5 4	1 39	24 17	10 1	17 34	17 34	1 17	17 52	5 36
W10	14 33	27 1	3 44	18 53	1 56	19 47	0 44	23 48	0 32	22 17	0 31	13 51	2 11	19 29	0 40	5 4	1 39	24 17	10 1	17 32	17 33	1 14	17 51	5 37
T 11	14 14	26 12	4 26	19 0	1 44	19 30	0 46	23 46	0 33	22 18	0 32	13 52	2 10	19 29	0 40	5 5	1 39	24 18	10 1	17 30	17 32	1 11	17 51	5 37
F 12	13 54	23 41	4 52	19 7	1 32	19 13	0 48	23 44	0 33	22 19	0 32	13 54	2 10	19 30	0 40	5 5	1 39	24 18	10 1	17 27	17 31	1 8	17 50	5 38
S 13	13 34	19 34	5 0	19 12	1 20	18 56	0 50	23 41	0 34	22 20	0 32	13 55	2 10	19 31	0 40	5 6	1 39	24 19	10 1	17 24	17 31	1 4	17 50	5 38
S 14	13 14	14 11	4 48	19 16	1 8	18 38	0 52	23 39	0 35	22 21	0 32	13 56	2 10	19 31	0 40	5 7	1 39	24 19	10 1	17 20	17 30	1 1	17 49	5 39
M15	12 53	7 55	4 16	19 18	0 56	18 19	0 54	23 36	0 36	22 22	0 32	13 57	2 9	19 32	0 40	5 7	1 39	24 20	10 1	17 18	17 29	0 58	17 49	5 39
T 16	12 33	1 13	3 27	19 20	0 45	18 0	0 56	23 33	0 37	22 22	0 32	13 59	2 9	19 32	0 40	5 8	1 39	24 20	10 1	17 15	17 28	0 55	17 48	5 40
W17	12 12	5n28	2 24	19 20	0 34	17 40	0 58	23 30	0 37	22 23	0 32	14 0	2 9	19 33	0 40	5 9	1 39	24 21	10 1	17 14	17 27	0 52	17 48	5 40
T 18	11 51	11 45	1 13	19 18	0 23	17 20	1 0	23 26	0 38	22 24	0 32	14 1	2 8	19 34	0 40	5 9	1 39	24 21	10 1	17 13	17 26	0 48	17 47	5 41
F 19	11 30	17 17	0n 1	19 16	0 12	16 59	1 2	23 22	0 39	22 25	0 32	14 3	2 8	19 34	0 40	5 10	1 39	24 22	10 1	17 13	17 25	0 45	17 47	5 41
S 20	11 9	21 47	1 13	19 12	0 2	16 38	1 3	23 18	0 40	22 26	0 32	14 4	2 8	19 35	0 40	5 11	1 39	24 22	10 1	17 13	17 24	0 42	17 46	5 42
S 21	10 47	24 59	2 20	19 7	0s 8	16 17	1 5	23 14	0 41	22 26	0 32	14 5	2 8	19 35	0 40	5 11	1 39	24 23	10 1	17 13	17 24	0 39	17 46	5 43
M22	10 25	26 45	3 17	19 0	0 18	15 55	1 6	23 9	0 41	22 27	0 32	14 7	2 7	19 36	0 40	5 12	1 39	24 23	10 1	17 12	17 23	0 35	17 45	5 43
T 23	10 4	27 1	4 3	18 52	0 27	15 32	1 8	23 5	0 42	22 28	0 32	14 8	2 7	19 36	0 40	5 13	1 39	24 24	10 1	17 11	17 22	0 32	17 45	5 44
W24	9 42	25 51	4 37	18 43	0 36	15 9	1 9	23 0	0 43	22 28	0 32	14 10	2 7	19 37	0 39	5 13	1 39	24 24	10 1	17 9	17 21	0 29	17 44	5 44
T 25	9 19	23 25	4 56	18 33	0 44	14 46	1 11	22 55	0 44	22 29	0 32	14 11	2 7	19 37	0 39	5 14	1 39	24 25	10 1	17 6	17 20	0 26	17 44	5 45
F 26	8 57	19 55	5 1	18 21	0 53	14 22	1 12	22 49	0 45	22 30	0 32	14 13	2 6	19 38	0 39	5 15	1 39	24 25	10 1	17 2	17 19	0 22	17 43	5 45
S 27	8 35	15 36	4 52	18 8	1 0	13 58	1 14	22 44	0 45	22 30	0 32	14 14	2 6	19 38	0 39	5 15	1 39	24 26	10 1	16 58	17 18	0 19	17 43	5 46
S 28	8s12	10n44	4n30	17s54	1s 8	13s34	1s15	22s38	0s46	22n31	0n32	14n16	2s 6	19n39	0n39	5n16	1s39	24n26	10n 1	16n55	17n17	0n16	17s42	5n47

Julian Day Number = 2344194.5, Delta T = 12.44 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'15, Lahiri = 19°45'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

MARCH 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 33 17	10♓ 0'58	25♍16	14♒46	28♒40	21♑32	20°R 1	14♉46	5°R 8	17♈18	19°R37	16°R43	18♉11	7♎16	29♐16	M 1
T 2	10 37 14	11° 1'01	7♎ 8	16° 5	29°54	22°17	19♋59	14°51	5♌ 6	17°20	19♌36	16♉33	18° 8	7°23	29°20	T 2
W 3	10 41 10	12° 1'03	18°57	17°26	1♓ 9	23° 1	19°56	14°56	5° 4	17°22	19°34	16°27	18° 5	7°30	29°23	W 3
T 4	10 45 7	13° 1'03	0♏45	18°48	2°24	23°46	19°53	15° 0	5° 2	17°23	19°33	16°23	18° 2	7°36	29°26	T 4
F 5	10 49 3	14° 1'01	12°36	20°12	3°39	24°30	19°51	15° 5	5° 0	17°25	19°32	16°D22	17°59	7°43	29°30	F 5
S 6	10 53 0	15° 0'58	24°34	21°37	4°53	25°15	19°49	15°10	4°58	17°27	19°30	16°22	17°55	7°50	29°33	S 6
S 7	10 56 56	16° 0'53	6♐45	23° 3	6° 8	25°59	19°47	15°16	4°56	17°29	19°29	16°23	17°52	7°56	29°36	S 7
M 8	11 0 53	17° 0'46	19°12	24°31	7°23	26°44	19°45	15°21	4°54	17°31	19°28	16°R23	17°49	8° 3	29°39	M 8
T 9	11 4 50	18° 0'38	2♑ 3	26° 0	8°38	27°28	19°44	15°26	4°53	17°33	19°27	16°22	17°46	8°10	29°41	T 9
W10	11 8 46	19° 0'28	15°20	27°31	9°52	28°13	19°43	15°31	4°51	17°35	19°25	16°19	17°43	8°16	29°44	W10
T 11	11 12 43	20° 0'17	29° 6	29° 2	11° 7	28°58	19°41	15°37	4°49	17°37	19°24	16°14	17°40	8°23	29°47	T 11
F 12	11 16 39	21° 0'03	13♒22	0♓35	12°22	29°42	19°40	15°42	4°48	17°40	19°23	16° 7	17°36	8°30	29°49	F 12
S 13	11 20 36	21°59'48	28° 4	2° 9	13°36	0♒27	19°40	15°48	4°46	17°42	19°22	15°58	17°33	8°36	29°52	S 13
S 14	11 24 32	22°59'31	13♓ 6	3°45	14°51	1°12	19°39	15°54	4°45	17°44	19°20	15°50	17°30	8°43	29°54	S 14
M15	11 28 29	23°59'12	28°20	5°22	16° 6	1°56	19°39	15°59	4°43	17°46	19°19	15°42	17°27	8°50	29°57	M15
T 16	11 32 25	24°58'50	13♈33	7° 0	17°20	2°41	19°D39	16° 5	4°42	17°48	19°18	15°36	17°24	8°56	29°59	T 16
W17	11 36 22	25°58'27	28°36	8°39	18°35	3°26	19°39	16°11	4°41	17°50	19°17	15°33	17°21	9° 3	0♑ 1	W17
T 18	11 40 19	26°58'01	13♉22	10°19	19°50	4°10	19°39	16°17	4°39	17°52	19°16	15°D32	17°17	9°10	0° 3	T 18
F 19	11 44 15	27°57'34	27°44	12° 1	21° 4	4°55	19°39	16°23	4°38	17°54	19°15	15°32	17°14	9°16	0° 5	F 19
S 20	11 48 12	28°57'03	11♊41	13°44	22°19	5°40	19°40	16°29	4°37	17°56	19°14	15°33	17°11	9°23	0° 7	S 20
S 21	11 52 8	29°56'31	25°13	15°28	23°33	6°25	19°41	16°35	4°36	17°59	19°13	15°R34	17° 8	9°30	0° 9	S 21
M22	11 56 5	0♈55'56	8♋22	17°14	24°48	7° 9	19°42	16°41	4°34	18° 1	19°12	15°34	17° 5	9°36	0°10	M22
T 23	12 0 1	1°55'19	21°12	19° 1	26° 3	7°54	19°43	16°47	4°33	18° 3	19°11	15°32	17° 1	9°43	0°12	T 23
W24	12 3 58	2°54'40	3♌45	20°49	27°17	8°39	19°44	16°54	4°32	18° 5	19°10	15°28	16°58	9°50	0°14	W24
T 25	12 7 54	3°53'58	16° 5	22°39	28°32	9°24	19°46	17° 0	4°31	18° 7	19° 9	15°23	16°55	9°57	0°15	T 25
F 26	12 11 51	4°53'14	28°14	24°30	29°46	10° 9	19°48	17° 6	4°30	18°10	19° 8	15°16	16°52	10° 3	0°16	F 26
S 27	12 15 48	5°52'28	10♍16	26°22	1♈ 1	10°54	19°50	17°13	4°30	18°12	19° 7	15° 8	16°49	10°10	0°18	S 27
S 28	12 19 44	6°51'39	22°12	28°16	2°15	11°39	19°52	17°19	4°29	18°14	19° 6	15° 1	16°46	10°17	0°19	S 28
M29	12 23 41	7°50'49	4♎ 3	0♈11	3°29	12°23	19°54	17°26	4°28	18°16	19° 5	14°55	16°42	10°23	0°20	M29
T 30	12 27 37	8°49'56	15°53	2° 7	4°44	13° 8	19°56	17°32	4°27	18°19	19° 4	14°50	16°39	10°30	0°21	T 30
W31	12 31 34	9♈49'01	27♎42	4♈ 5	5♈58	13♒53	19♋59	17♉39	4♌27	18♈21	19♌ 3	14♉46	16♉36	10♎37	0♑22	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s50	5n30	3n57	17s38	1s15	13s 9	1s16	22s32	0s47	22n31	0n32	14n18	2s 6	19n39	0n39	5n17	1s39	24n26	10n 1	16n52	17n17	0n13	17s41	5n47
T 2	7 27	0 7	3 13	17 21	1 22	12 44	1 17	22 25	0 48	22 32	0 33	14 19	2 5	19 40	0 39	5 18	1 39	24 27	10 1	16 49	17 16	0 9	17 41	5 48
W 3	7 4	5s16	2 21	17 2	1 28	12 18	1 18	22 19	0 49	22 32	0 33	14 21	2 5	19 40	0 39	5 18	1 39	24 27	10 1	16 47	17 15	0 6	17 40	5 48
T 4	6 41	10 28	1 22	16 42	1 34	11 52	1 19	22 12	0 50	22 32	0 33	14 22	2 5	19 41	0 39	5 19	1 39	24 28	10 1	16 46	17 14	0 3	17 40	5 49
F 5	6 18	15 19	0 20	16 21	1 40	11 26	1 20	22 5	0 50	22 33	0 33	14 24	2 5	19 41	0 39	5 20	1 39	24 28	10 1	16 46	17 13	0s 0	17 39	5 50
S 6	5 55	19 39	0s44	15 59	1 45	10 59	1 21	21 58	0 51	22 33	0 33	14 26	2 4	19 42	0 39	5 21	1 39	24 28	10 1	16 46	17 12	0 4	17 38	5 50
S 7	5 32	23 14	1 47	15 35	1 50	10 33	1 22	21 50	0 52	22 33	0 33	14 28	2 4	19 42	0 39	5 22	1 39	24 29	10 1	16 46	17 11	0 7	17 38	5 51
M 8	5 8	25 48	2 46	15 10	1 55	10 5	1 23	21 43	0 53	22 34	0 33	14 29	2 4	19 42	0 39	5 22	1 38	24 29	10 1	16 46	17 10	0 10	17 37	5 52
T 9	4 45	27 7	3 39	14 44	1 59	9 38	1 23	21 35	0 54	22 34	0 33	14 31	2 4	19 43	0 39	5 23	1 38	24 30	10 1	16 46	17 9	0 13	17 37	5 52
W10	4 21	26 57	4 23	14 16	2 2	9 10	1 24	21 27	0 54	22 34	0 33	14 33	2 3	19 43	0 39	5 24	1 38	24 30	10 1	16 45	17 9	0 17	17 36	5 53
T 11	3 58	25 8	4 52	13 47	2 6	8 43	1 24	21 18	0 55	22 34	0 33	14 35	2 3	19 44	0 39	5 25	1 38	24 30	10 1	16 43	17 8	0 20	17 35	5 53
F 12	3 34	21 43	5 5	13 17	2 8	8 14	1 25	21 10	0 56	22 34	0 33	14 36	2 3	19 44	0 39	5 26	1 38	24 31	10 1	16 41	17 7	0 23	17 35	5 54
S 13	3 11	16 50	4 59	12 45	2 11	7 46	1 25	21 1	0 57	22 35	0 33	14 38	2 3	19 44	0 39	5 26	1 38	24 31	10 0	16 39	17 6	0 26	17 34	5 55
S 14	2 47	10 50	4 32	12 13	2 13	7 18	1 26	20 52	0 58	22 35	0 33	14 40	2 3	19 45	0 39	5 27	1 38	24 31	10 0	16 36	17 5	0 30	17 33	5 55
M15	2 24	4 7	3 46	11 39	2 14	6 49	1 26	20 43	0 59	22 35	0 33	14 42	2 2	19 45	0 39	5 28	1 38	24 32	10 0	16 34	17 4	0 33	17 33	5 56
T 16	2 0	2n51	2 43	11 3	2 16	6 20	1 26	20 33	0 59	22 35	0 33	14 44	2 2	19 45	0 39	5 29	1 38	24 32	10 0	16 32	17 3	0 36	17 32	5 57
W17	1 36	9 36	1 30	10 27	2 16	5 51	1 26	20 24	1 0	22 35	0 33	14 46	2 2	19 46	0 39	5 30	1 38	24 32	10 0	16 31	17 2	0 39	17 31	5 57
T 18	1 12	15 41	0 12	9 49	2 16	5 22	1 27	20 14	1 1	22 35	0 33	14 47	2 2	19 46	0 39	5 30	1 38	24 32	10 0	16 31	17 1	0 43	17 31	5 58
F 19	0 49	20 45	1n 5	9 10	2 16	4 52	1 27	20 4	1 2	22 35	0 33	14 49	2 2	19 46	0 39	5 31	1 38	24 33	10 0	16 31	17 0	0 46	17 30	5 59
S 20	0 25	24 29	2 16	8 29	2 15	4 23	1 27	19 54	1 3	22 35	0 33	14 51	2 1	19 46	0 39	5 32	1 38	24 33	10 0	16 32	17 0	0 49	17 29	5 59
S 21	0 1	26 41	3 18	7 48	2 14	3 53	1 27	19 44	1 4	22 35	0 33	14 53	2 1	19 47	0 39	5 33	1 38	24 33	10 0	16 32	16 59	0 53	17 29	6 0
M22	0n22	27 19	4 7	7 5	2 13	3 23	1 26	19 33	1 4	22 34	0 33	14 55	2 1	19 47	0 39	5 34	1 38	24 33	10 0	16 32	16 58	0 56	17 28	6 1
T 23	0 46	26 27	4 42	6 21	2 11	2 54	1 26	19 22	1 5	22 34	0 33	14 57	2 1	19 47	0 39	5 35	1 38	24 34	9 59	16 31	16 57	0 59	17 27	6 1
W24	1 10	24 15	5 3	5 36	2 8	2 24	1 26	19 11	1 6	22 34	0 33	14 59	2 1	19 47	0 39	5 36	1 38	24 34	9 59	16 30	16 56	1 2	17 27	6 2
T 25	1 33	20 57	5 9	4 50	2 5	1 54	1 26	19 0	1 7	22 34	0 33	15 1	2 0	19 48	0 39	5 36	1 38	24 34	9 59	16 28	16 55	1 6	17 26	6 3
F 26	1 57	16 49	5 1	4 3	2 1	1 24	1 25	18 49	1 8	22 34	0 33	15 3	2 0	19 48	0 39	5 37	1 38	24 34	9 59	16 26	16 54	1 9	17 25	6 3
S 27	2 20	12 3	4 40	3 14	1 57	0 54	1 25	18 37	1 8	22 33	0 33	15 5	2 0	19 48	0 39	5 38	1 38	24 34	9 59	16 24	16 53	1 12	17 25	6 4
S 28	2 44	6 53	4 7	2 25	1 52	0 23	1 24	18 26	1 9	22 33	0 33	15 7	2 0	19 48	0 39	5 39	1 38	24 35	9 59	16 22	16 52	1 15	17 24	6 5
M29	3 7	1 30	3 23	1 34	1 47	0n 7	1 24	18 14	1 10	22 33	0 33	15 9	2 0	19 48	0 39	5 40	1 38	24 35	9 59	16 20	16 51	1 19	17 23	6 5
T 30	3 30	3s56	2 31	0 42	1 41	0 37	1 23	18 2	1 11	22 32	0 33	15 11	2 0	19 48	0 39	5 41	1 38	24 35	9 58	16 19	16 51	1 22	17 23	6 6
W31	3n54	9s15	1n32	0n10	1s35	1n 7	1s22	17s50	1s12	22n32	0n33	15n13	1s59	19n49	0n39	5n42	1s38	24n35	9n58	16n18	16n50	1s25	17s22	6n 7

Julian Day Number = 2344222.5, Delta T = 12.42 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'18, Lahiri = 19°45'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

APRIL 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 30	10♈48'05	9♏33	6♈ 4	7♈13	14♒38	20♋ 2	17♉46	4°R26	18♈23	19°R 2	14°D45	16♉33	10♎43	0♑23	T 1
F 2	12 39 27	11°47'06	21°28	8° 4	8°27	15°23	20° 5	17°53	4♌25	18°25	19♌ 2	14♉45	16°30	10°50	0°23	F 2
S 3	12 43 23	12°46'06	3♐31	10° 5	9°41	16° 8	20° 8	17°59	4°25	18°28	19° 1	14°46	16°27	10°57	0°24	S 3
S 4	12 47 20	13°45'03	15°45	12° 8	10°56	16°53	20°12	18° 6	4°24	18°30	19° 0	14°48	16°23	11° 3	0°24	S 4
M 5	12 51 17	14°43'59	28°15	14°11	12°10	17°38	20°15	18°13	4°24	18°32	18°59	14°50	16°20	11°10	0°25	M 5
T 6	12 55 13	15°42'54	11♑ 4	16°16	13°24	18°23	20°19	18°20	4°24	18°34	18°59	14°R50	16°17	11°17	0°25	T 6
W 7	12 59 10	16°41'46	24°15	18°21	14°39	19° 8	20°23	18°27	4°23	18°37	18°58	14°50	16°14	11°23	0°25	W 7
T 8	13 3 6	17°40'37	7♒53	20°27	15°53	19°53	20°27	18°34	4°23	18°39	18°57	14°49	16°11	11°30	0°26	T 8
F 9	13 7 3	18°39'26	21°58	22°33	17° 7	20°38	20°31	18°41	4°23	18°41	18°57	14°46	16° 7	11°37	0°R26	F 9
S 10	13 10 59	19°38'14	6♓29	24°39	18°22	21°23	20°35	18°48	4°23	18°43	18°56	14°43	16° 4	11°43	0°26	S 10
S 11	13 14 56	20°36'59	21°22	26°45	19°36	22° 8	20°40	18°55	4°23	18°46	18°56	14°40	16° 1	11°50	0°25	S 11
M12	13 18 52	21°35'43	6♈29	28°51	20°50	22°53	20°45	19° 3	4°D23	18°48	18°55	14°37	15°58	11°57	0°25	M12
T 13	13 22 49	22°34'24	21°43	0♉56	22° 5	23°38	20°50	19°10	4°23	18°50	18°54	14°35	15°55	12° 3	0°25	T 13
W14	13 26 46	23°33'04	6♉51	3° 0	23°19	24°23	20°55	19°17	4°23	18°52	18°54	14°34	15°52	12°10	0°25	W14
T 15	13 30 42	24°31'42	21°47	5° 3	24°33	25° 8	21° 0	19°24	4°23	18°55	18°53	14°D34	15°48	12°17	0°24	T 15
F 16	13 34 39	25°30'18	6♊21	7° 4	25°47	25°53	21° 5	19°32	4°23	18°57	18°53	14°34	15°45	12°23	0°24	F 16
S 17	13 38 35	26°28'52	20°30	9° 3	27° 1	26°38	21°11	19°39	4°23	18°59	18°53	14°36	15°42	12°30	0°23	S 17
S 18	13 42 32	27°27'23	4♋13	10°59	28°16	27°23	21°17	19°46	4°24	19° 1	18°52	14°37	15°39	12°37	0°22	S 18
M19	13 46 28	28°25'53	17°29	12°54	29°30	28° 8	21°23	19°54	4°24	19° 4	18°52	14°38	15°36	12°43	0°21	M19
T 20	13 50 25	29°24'20	0♌22	14°45	0♉44	28°53	21°29	20° 1	4°24	19° 6	18°52	14°R38	15°33	12°50	0°20	T 20
W21	13 54 21	0♉22'45	12°55	16°33	1°58	29°38	21°35	20° 9	4°25	19° 8	18°51	14°38	15°29	12°57	0°19	W21
T 22	13 58 18	1°21'08	25°11	18°17	3°12	0♓23	21°41	20°16	4°25	19°10	18°51	14°37	15°26	13° 3	0°18	T 22
F 23	14 2 15	2°19'28	7♍16	19°58	4°26	1° 8	21°47	20°24	4°26	19°13	18°51	14°35	15°23	13°10	0°17	F 23
S 24	14 6 11	3°17'47	19°11	21°36	5°40	1°53	21°54	20°31	4°27	19°15	18°51	14°34	15°20	13°17	0°16	S 24
S 25	14 10 8	4°16'03	1♎ 2	23° 9	6°54	2°38	22° 1	20°39	4°27	19°17	18°50	14°32	15°17	13°23	0°14	S 25
M26	14 14 4	5°14'18	12°51	24°38	8° 8	3°23	22° 8	20°46	4°28	19°19	18°50	14°31	15°13	13°30	0°13	M26
T 27	14 18 1	6°12'31	24°40	26° 4	9°22	4° 7	22°15	20°54	4°29	19°21	18°50	14°30	15°10	13°37	0°11	T 27
W28	14 21 57	7°10'42	6♏33	27°24	10°36	4°52	22°22	21° 1	4°30	19°24	18°50	14°29	15° 7	13°43	0°10	W28
T 29	14 25 54	8° 8'51	18°31	28°41	11°50	5°37	22°29	21° 9	4°30	19°26	18°50	14°D29	15° 4	13°50	0° 8	T 29
F 30	14 29 50	9♉ 6'59	0♐35	29♉53	13♉ 4	6♓22	22♋36	21♉17	4♌31	19♈28	18♌50	14♉29	15♉ 1	13♎57	0♑ 6	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n17	14s15	0n28	1n 3	1s28	1n37	1s22	17s37	1s12	22n32	0n33	15n15	1s59	19n49	0n39	5n42	1s38	24n35	9n58	16n17	16n49	1s28	17s21	6n 7
F 2	4 40	18 45	0s37	1 58	1 21	2 7	1 21	17 25	1 13	22 31	0 33	15 17	1 59	19 49	0 39	5 43	1 38	24 35	9 58	16 17	16 48	1 32	17 21	6 8
S 3	5 3	22 33	1 41	2 52	1 14	2 37	1 20	17 12	1 14	22 31	0 33	15 19	1 59	19 49	0 39	5 44	1 38	24 35	9 58	16 18	16 47	1 35	17 20	6 9
S 4	5 26	25 24	2 42	3 48	1 5	3 7	1 19	16 59	1 15	22 30	0 33	15 21	1 59	19 49	0 39	5 45	1 38	24 35	9 58	16 18	16 46	1 38	17 19	6 9
M 5	5 49	27 4	3 36	4 44	0 57	3 37	1 18	16 47	1 16	22 30	0 33	15 23	1 59	19 49	0 39	5 46	1 38	24 35	9 58	16 19	16 45	1 42	17 19	6 10
T 6	6 12	27 21	4 21	5 40	0 48	4 7	1 17	16 33	1 17	22 29	0 33	15 25	1 58	19 49	0 39	5 47	1 38	24 36	9 57	16 19	16 44	1 45	17 18	6 11
W 7	6 34	26 7	4 54	6 37	0 38	4 37	1 16	16 20	1 17	22 28	0 33	15 27	1 58	19 49	0 39	5 48	1 38	24 36	9 57	16 19	16 43	1 48	17 17	6 11
T 8	6 57	23 21	5 12	7 34	0 28	5 7	1 15	16 7	1 18	22 28	0 33	15 29	1 58	19 49	0 39	5 48	1 38	24 36	9 57	16 19	16 42	1 51	17 17	6 12
F 9	7 19	19 7	5 12	8 31	0 18	5 37	1 13	15 53	1 19	22 27	0 33	15 31	1 58	19 49	0 39	5 49	1 38	24 36	9 57	16 18	16 41	1 55	17 16	6 13
S 10	7 42	13 40	4 52	9 27	0 7	6 6	1 12	15 39	1 20	22 27	0 33	15 33	1 58	19 49	0 38	5 50	1 38	24 36	9 57	16 17	16 41	1 58	17 15	6 13
S 11	8 4	7 17	4 12	10 23	0n 3	6 35	1 11	15 25	1 20	22 26	0 33	15 36	1 58	19 49	0 38	5 51	1 38	24 36	9 56	16 16	16 40	2 1	17 15	6 14
M12	8 26	0 24	3 15	11 18	0 14	7 5	1 9	15 11	1 21	22 25	0 33	15 38	1 57	19 49	0 38	5 52	1 38	24 36	9 56	16 15	16 39	2 4	17 14	6 15
T 13	8 48	6n35	2 3	12 13	0 25	7 34	1 8	14 57	1 22	22 24	0 33	15 40	1 57	19 49	0 38	5 53	1 38	24 36	9 56	16 14	16 38	2 8	17 13	6 15
W14	9 10	13 10	0 42	13 6	0 36	8 3	1 6	14 43	1 23	22 24	0 33	15 42	1 57	19 49	0 38	5 54	1 38	24 36	9 56	16 14	16 37	2 11	17 13	6 16
T 15	9 31	18 53	0n40	13 58	0 47	8 31	1 5	14 29	1 24	22 23	0 33	15 44	1 57	19 49	0 38	5 54	1 38	24 36	9 56	16 14	16 36	2 14	17 12	6 17
F 16	9 53	23 20	1 58	14 49	0 58	9 0	1 3	14 14	1 24	22 22	0 33	15 46	1 57	19 49	0 38	5 55	1 38	24 36	9 56	16 14	16 35	2 18	17 11	6 17
S 17	10 14	26 14	3 6	15 37	1 9	9 28	1 2	13 59	1 25	22 21	0 33	15 48	1 57	19 49	0 38	5 56	1 38	24 36	9 55	16 15	16 34	2 21	17 11	6 18
S 18	10 35	27 26	4 1	16 24	1 19	9 56	1 0	13 45	1 26	22 20	0 33	15 50	1 57	19 49	0 38	5 57	1 38	24 35	9 55	16 15	16 33	2 24	17 10	6 19
M19	10 56	26 59	4 42	17 9	1 29	10 24	0 58	13 30	1 27	22 19	0 33	15 52	1 57	19 49	0 38	5 58	1 38	24 35	9 55	16 15	16 32	2 27	17 9	6 19
T 20	11 17	25 6	5 7	17 52	1 39	10 52	0 56	13 15	1 27	22 18	0 33	15 54	1 56	19 49	0 38	5 59	1 38	24 35	9 55	16 15	16 31	2 31	17 9	6 20
W21	11 37	22 1	5 16	18 32	1 48	11 19	0 55	13 0	1 28	22 17	0 33	15 56	1 56	19 48	0 38	5 59	1 38	24 35	9 55	16 15	16 30	2 34	17 8	6 21
T 22	11 58	18 1	5 11	19 10	1 56	11 46	0 53	12 44	1 29	22 16	0 33	15 59	1 56	19 48	0 38	6 0	1 38	24 35	9 54	16 15	16 29	2 37	17 8	6 21
F 23	12 18	13 22	4 52	19 45	2 4	12 13	0 51	12 29	1 30	22 15	0 33	16 1	1 56	19 48	0 38	6 1	1 38	24 35	9 54	16 14	16 29	2 40	17 7	6 22
S 24	12 38	8 17	4 21	20 18	2 11	12 40	0 49	12 14	1 30	22 14	0 33	16 3	1 56	19 48	0 38	6 2	1 38	24 35	9 54	16 14	16 28	2 44	17 6	6 22
S 25	12 58	2 55	3 38	20 49	2 17	13 6	0 47	11 58	1 31	22 13	0 33	16 5	1 56	19 48	0 38	6 3	1 38	24 35	9 54	16 14	16 27	2 47	17 6	6 23
M26	13 17	2s32	2 47	21 16	2 23	13 32	0 45	11 43	1 32	22 12	0 33	16 7	1 56	19 48	0 38	6 4	1 38	24 35	9 54	16 13	16 26	2 50	17 5	6 24
T 27	13 37	7 54	1 48	21 42	2 28	13 58	0 43	11 27	1 33	22 11	0 33	16 9	1 56	19 47	0 38	6 4	1 38	24 34	9 53	16 13	16 25	2 54	17 4	6 24
W28	13 56	13 2	0 44	22 4	2 32	14 23	0 41	11 11	1 33	22 10	0 33	16 11	1 56	19 47	0 38	6 5	1 38	24 34	9 53	16 13	16 24	2 57	17 4	6 25
T 29	14 15	17 43	0s22	22 25	2 35	14 48	0 39	10 55	1 34	22 9	0 33	16 13	1 56	19 47	0 38	6 6	1 38	24 34	9 53	16 13	16 23	3 0	17 3	6 26
F 30	14n33	21s45	1s28	22n43	2n37	15n12	0s37	10s39	1s35	22n 7	0n33	16n15	1s55	19n47	0n38	6n 7	1s38	24n34	9n53	16n13	16n22	3s 3	17s 3	6n26

Julian Day Number = 2344253.5, Delta T = 12.40 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'23, Lahiri = 19°45'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

MAY 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 33 47	10♉ 5'05	12♐49	1♊ 1	14♉18	7♓ 7	22♋44	21♉24	4♌32	19♈30	18°D50	14♉30	14♉58	14♎ 3	0°R 5	S 1
S 2	14 37 44	11° 3'09	25°15	2° 4	15°32	7°52	22°52	21°32	4°33	19°32	18♌50	14°30	14°54	14°10	0♑ 3	S 2
M 3	14 41 40	12° 1'12	7♑54	3° 2	16°46	8°37	22°59	21°40	4°34	19°34	18°50	14°31	14°51	14°17	0° 1	M 3
T 4	14 45 37	12°59'14	20°49	3°56	18° 0	9°22	23° 7	21°47	4°36	19°37	18°50	14°31	14°48	14°23	29♐59	T 4
W 5	14 49 33	13°57'14	4♒ 3	4°45	19°14	10° 6	23°15	21°55	4°37	19°39	18°50	14°31	14°45	14°30	29°56	W 5
T 6	14 53 30	14°55'13	17°37	5°29	20°28	10°51	23°24	22° 3	4°38	19°41	18°50	14°31	14°42	14°37	29°54	T 6
F 7	14 57 26	15°53'11	1♓32	6° 8	21°42	11°36	23°32	22°11	4°39	19°43	18°50	14°31	14°38	14°43	29°52	F 7
S 8	15 1 23	16°51'07	15°48	6°42	22°55	12°21	23°40	22°18	4°41	19°45	18°51	14°31	14°35	14°50	29°50	S 8
S 9	15 5 19	17°49'02	0♈22	7°11	24° 9	13° 5	23°49	22°26	4°42	19°47	18°51	14°31	14°32	14°57	29°47	S 9
M10	15 9 16	18°46'56	15°11	7°36	25°23	13°50	23°57	22°34	4°44	19°49	18°51	14°32	14°29	15° 3	29°45	M10
T 11	15 13 13	19°44'48	0♉ 8	7°55	26°37	14°35	24° 6	22°42	4°45	19°51	18°51	14°32	14°26	15°10	29°42	T 11
W12	15 17 9	20°42'39	15° 6	8° 9	27°51	15°19	24°15	22°49	4°47	19°53	18°52	14°R32	14°23	15°17	29°39	W12
T 13	15 21 6	21°40'29	29°55	8°19	29° 5	16° 4	24°24	22°57	4°48	19°55	18°52	14°32	14°19	15°23	29°37	T 13
F 14	15 25 2	22°38'17	14♊30	8°R23	0♊18	16°49	24°33	23° 5	4°50	19°57	18°52	14°31	14°16	15°30	29°34	F 14
S 15	15 28 59	23°36'04	28°43	8°23	1°32	17°33	24°42	23°13	4°51	19°59	18°53	14°30	14°13	15°37	29°31	S 15
S 16	15 32 55	24°33'50	12♋32	8°17	2°46	18°18	24°52	23°21	4°53	20° 1	18°53	14°29	14°10	15°43	29°28	S 16
M17	15 36 52	25°31'33	25°55	8° 8	4° 0	19° 2	25° 1	23°28	4°55	20° 3	18°54	14°28	14° 7	15°50	29°25	M17
T 18	15 40 48	26°29'15	8♌54	7°54	5°14	19°47	25°11	23°36	4°57	20° 5	18°54	14°27	14° 4	15°57	29°22	T 18
W19	15 44 45	27°26'56	21°30	7°36	6°27	20°31	25°20	23°44	4°59	20° 7	18°54	14°26	14° 0	16° 3	29°19	W19
T 20	15 48 42	28°24'34	3♍47	7°15	7°41	21°15	25°30	23°52	5° 1	20° 9	18°55	14°D26	13°57	16°10	29°16	T 20
F 21	15 52 38	29°22'12	15°51	6°50	8°55	22° 0	25°40	23°59	5° 3	20°10	18°56	14°27	13°54	16°17	29°13	F 21
S 22	15 56 35	0♊19'48	27°45	6°22	10° 8	22°44	25°50	24° 7	5° 5	20°12	18°56	14°28	13°51	16°23	29° 9	S 22
S 23	16 0 31	1°17'22	9♎34	5°53	11°22	23°28	26° 0	24°15	5° 7	20°14	18°57	14°29	13°48	16°30	29° 6	S 23
M24	16 4 28	2°14'55	21°23	5°21	12°36	24°12	26°10	24°23	5° 9	20°16	18°57	14°31	13°44	16°37	29° 3	M24
T 25	16 8 24	3°12'26	3♏15	4°48	13°49	24°57	26°20	24°30	5°11	20°18	18°58	14°32	13°41	16°43	28°59	T 25
W26	16 12 21	4° 9'57	15°13	4°14	15° 3	25°41	26°30	24°38	5°13	20°19	18°59	14°R32	13°38	16°50	28°56	W26
T 27	16 16 17	5° 7'26	27°20	3°40	16°17	26°25	26°41	24°46	5°15	20°21	18°59	14°32	13°35	16°57	28°52	T 27
F 28	16 20 14	6° 4'54	9♐38	3° 7	17°30	27° 9	26°51	24°53	5°18	20°23	19° 0	14°30	13°32	17° 3	28°49	F 28
S 29	16 24 11	7° 2'22	22° 9	2°35	18°44	27°53	27° 2	25° 1	5°20	20°25	19° 1	14°28	13°29	17°10	28°45	S 29
S 30	16 28 7	7°59'48	4♑52	2° 4	19°57	28°37	27°12	25° 9	5°22	20°26	19° 2	14°24	13°25	17°16	28°42	S 30
M31	16 32 4	8♊57'14	17♑49	1♊36	21♊11	29♓21	27♋23	25♉16	5♌25	20♈28	19♌ 3	14♉21	13♉22	17♎23	28♐38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n52	24s52	2s31	22n58	2n38	15n37	0s34	10s23	1s35	22n 6	0n33	16n17	1s55	19n46	0n38	6n 8	1s38	24n34	9n53	16n13	16n21	3s 7	17s 2	6n27
S 2	15 10	26 51	3 28	23 11	2 38	16 0	0 32	10 7	1 36	22 5	0 33	16 19	1 55	19 46	0 38	6 8	1 38	24 34	9 52	16 13	16 20	3 10	17 1	6 27
M 3	15 28	27 29	4 15	23 22	2 37	16 24	0 30	9 51	1 37	22 4	0 33	16 21	1 55	19 46	0 38	6 9	1 38	24 33	9 52	16 13	16 19	3 13	17 1	6 28
T 4	15 46	26 39	4 51	23 30	2 35	16 47	0 28	9 35	1 37	22 2	0 33	16 23	1 55	19 45	0 38	6 10	1 38	24 33	9 52	16 13	16 18	3 17	17 0	6 28
W 5	16 3	24 20	5 12	23 37	2 32	17 9	0 26	9 18	1 38	22 1	0 33	16 25	1 55	19 45	0 38	6 11	1 38	24 33	9 52	16 13	16 17	3 20	17 0	6 29
T 6	16 20	20 36	5 17	23 41	2 28	17 31	0 23	9 2	1 39	22 0	0 33	16 28	1 55	19 45	0 38	6 11	1 39	24 33	9 51	16 13	16 16	3 23	16 59	6 30
F 7	16 37	15 40	5 4	23 43	2 23	17 53	0 21	8 45	1 39	21 58	0 33	16 30	1 55	19 44	0 38	6 12	1 39	24 32	9 51	16 13	16 15	3 26	16 59	6 30
S 8	16 54	9 47	4 32	23 43	2 17	18 14	0 19	8 29	1 40	21 57	0 33	16 32	1 55	19 44	0 38	6 13	1 39	24 32	9 51	16 13	16 15	3 30	16 58	6 31
S 9	17 10	3 14	3 41	23 40	2 9	18 35	0 16	8 12	1 41	21 55	0 33	16 34	1 55	19 44	0 38	6 14	1 39	24 32	9 51	16 13	16 14	3 33	16 58	6 31
M10	17 26	3n36	2 36	23 36	2 1	18 55	0 14	7 56	1 41	21 54	0 33	16 36	1 55	19 43	0 38	6 14	1 39	24 32	9 51	16 13	16 13	3 36	16 57	6 32
T 11	17 42	10 18	1 19	23 30	1 52	19 15	0 12	7 39	1 42	21 52	0 33	16 38	1 55	19 43	0 38	6 15	1 39	24 31	9 50	16 14	16 12	3 39	16 56	6 32
W12	17 58	16 26	0n 3	23 22	1 41	19 34	0 9	7 22	1 43	21 51	0 33	16 40	1 55	19 43	0 38	6 16	1 39	24 31	9 50	16 14	16 11	3 43	16 56	6 33
T 13	18 13	21 33	1 24	23 12	1 30	19 53	0 7	7 5	1 43	21 49	0 33	16 42	1 55	19 42	0 38	6 17	1 39	24 31	9 50	16 13	16 10	3 46	16 55	6 33
F 14	18 28	25 12	2 39	23 1	1 18	20 11	0 4	6 49	1 44	21 47	0 33	16 44	1 54	19 42	0 38	6 17	1 39	24 30	9 50	16 13	16 9	3 49	16 55	6 34
S 15	18 42	27 10	3 41	22 48	1 4	20 28	0 2	6 32	1 44	21 46	0 33	16 46	1 54	19 41	0 38	6 18	1 39	24 30	9 50	16 13	16 8	3 53	16 54	6 34
S 16	18 57	27 21	4 29	22 33	0 50	20 45	0n 0	6 15	1 45	21 44	0 33	16 48	1 54	19 41	0 37	6 19	1 39	24 30	9 49	16 13	16 7	3 56	16 54	6 35
M17	19 10	25 55	5 0	22 16	0 35	21 2	0 3	5 58	1 46	21 43	0 33	16 50	1 54	19 40	0 37	6 19	1 39	24 29	9 49	16 12	16 6	3 59	16 53	6 35
T 18	19 24	23 8	5 15	21 59	0 19	21 18	0 5	5 41	1 46	21 41	0 33	16 52	1 54	19 40	0 37	6 20	1 39	24 29	9 49	16 12	16 5	4 2	16 53	6 36
W19	19 37	19 19	5 14	21 40	0 3	21 33	0 8	5 24	1 47	21 39	0 33	16 53	1 54	19 40	0 37	6 21	1 39	24 29	9 49	16 12	16 4	4 6	16 52	6 36
T 20	19 50	14 46	4 59	21 19	0s14	21 48	0 10	5 7	1 47	21 37	0 33	16 55	1 54	19 39	0 37	6 22	1 39	24 28	9 49	16 12	16 3	4 9	16 52	6 37
F 21	20 3	9 45	4 31	20 58	0 31	22 2	0 13	4 50	1 48	21 35	0 33	16 57	1 54	19 39	0 37	6 22	1 39	24 28	9 48	16 12	16 2	4 12	16 52	6 37
S 22	20 15	4 25	3 51	20 37	0 49	22 15	0 15	4 33	1 48	21 34	0 33	16 59	1 54	19 38	0 37	6 23	1 39	24 28	9 48	16 12	16 1	4 15	16 51	6 37
S 23	20 27	1s 1	3 2	20 14	1 6	22 28	0 17	4 16	1 49	21 32	0 33	17 1	1 54	19 37	0 37	6 23	1 39	24 27	9 48	16 13	16 0	4 19	16 51	6 38
M24	20 39	6 26	2 5	19 51	1 24	22 40	0 20	3 59	1 50	21 30	0 33	17 3	1 54	19 37	0 37	6 24	1 39	24 27	9 48	16 13	15 59	4 22	16 50	6 38
T 25	20 50	11 39	1 2	19 29	1 41	22 52	0 22	3 42	1 50	21 28	0 33	17 5	1 54	19 36	0 37	6 25	1 39	24 26	9 48	16 13	15 58	4 25	16 50	6 39
W26	21 1	16 29	0s 4	19 6	1 58	23 3	0 25	3 25	1 51	21 26	0 33	17 7	1 54	19 36	0 37	6 25	1 39	24 26	9 47	16 14	15 57	4 29	16 49	6 39
T 27	21 11	20 44	1 10	18 44	2 14	23 13	0 27	3 8	1 51	21 24	0 33	17 9	1 54	19 35	0 37	6 26	1 39	24 26	9 47	16 13	15 57	4 32	16 49	6 39
F 28	21 22	24 8	2 14	18 22	2 30	23 23	0 29	2 51	1 52	21 22	0 33	17 11	1 54	19 35	0 37	6 27	1 39	24 25	9 47	16 13	15 56	4 35	16 49	6 40
S 29	21 31	26 27	3 13	18 2	2 44	23 32	0 32	2 33	1 52	21 20	0 33	17 12	1 54	19 34	0 37	6 27	1 39	24 25	9 47	16 12	15 55	4 38	16 48	6 40
S 30	21 41	27 26	4 2	17 42	2 58	23 40	0 34	2 16	1 53	21 18	0 33	17 14	1 54	19 34	0 37	6 28	1 39	24 24	9 47	16 11	15 54	4 42	16 48	6 41
M31	21n50	26s56	4s41	17n24	3s11	23n47	0n36	1s59	1s53	21n16	0n33	17n16	1s54	19n33	0n37	6n28	1s39	24n24	9n46	16n10	15n53	4s45	16s47	6n41

Julian Day Number = 2344283.5, Delta T = 12.38 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'27, Lahiri = 19°45'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

JUNE 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 0	9♊54'38	1♒ 0	1°R10	22♊24	0♈ 5	27♋34	25♉24	5♎27	20♈30	19♎ 3	14°R17	13♉19	17♎30	28°R34	T 1
W 2	16 39 57	10°52'02	14°26	0♊47	23°38	0°48	27°45	25°31	5°29	20°31	19° 4	14♉14	13°16	17°36	28♐31	W 2
T 3	16 43 53	11°49'26	28° 5	0°27	24°52	1°32	27°55	25°39	5°32	20°33	19° 5	14°12	13°13	17°43	28°27	T 3
F 4	16 47 50	12°46'48	11♓58	0°11	26° 5	2°16	28° 7	25°47	5°35	20°34	19° 6	14°D12	13°10	17°50	28°23	F 4
S 5	16 51 46	13°44'11	26° 3	29♉59	27°19	3° 0	28°18	25°54	5°37	20°36	19° 7	14°12	13° 6	17°56	28°19	S 5
S 6	16 55 43	14°41'32	10♈21	29°52	28°32	3°43	28°29	26° 2	5°40	20°37	19° 8	14°13	13° 3	18° 3	28°15	S 6
M 7	16 59 40	15°38'53	24°48	29°D48	29°46	4°27	28°40	26° 9	5°42	20°39	19° 9	14°15	13° 0	18°10	28°11	M 7
T 8	17 3 36	16°36'14	9♉22	29°49	0♋59	5°10	28°51	26°17	5°45	20°40	19°10	14°R15	12°57	18°16	28° 8	T 8
W 9	17 7 33	17°33'35	23°56	29°55	2°13	5°53	29° 3	26°24	5°48	20°42	19°11	14°15	12°54	18°23	28° 4	W 9
T 10	17 11 29	18°30'54	8♊27	0♊ 5	3°26	6°37	29°14	26°32	5°51	20°43	19°12	14°13	12°50	18°30	28° 0	T 10
F 11	17 15 26	19°28'14	22°47	0°19	4°40	7°20	29°26	26°39	5°53	20°45	19°13	14°10	12°47	18°36	27°56	F 11
S 12	17 19 22	20°25'32	6♋52	0°39	5°53	8° 3	29°37	26°46	5°56	20°46	19°14	14° 5	12°44	18°43	27°52	S 12
S 13	17 23 19	21°22'50	20°37	1° 2	7° 6	8°46	29°49	26°54	5°59	20°47	19°15	13°59	12°41	18°50	27°48	S 13
M14	17 27 16	22°20'07	4♌ 0	1°30	8°20	9°29	0♌ 0	27° 1	6° 2	20°49	19°17	13°53	12°38	18°56	27°44	M14
T 15	17 31 12	23°17'24	16°59	2° 3	9°33	10°12	0°12	27° 8	6° 5	20°50	19°18	13°48	12°35	19° 3	27°40	T 15
W16	17 35 9	24°14'40	29°37	2°40	10°47	10°55	0°24	27°15	6° 8	20°51	19°19	13°44	12°31	19°10	27°36	W16
T 17	17 39 5	25°11'55	11♍56	3°21	12° 0	11°38	0°36	27°23	6°11	20°52	19°20	13°41	12°28	19°16	27°32	T 17
F 18	17 43 2	26° 9'09	24° 0	4° 7	13°13	12°21	0°48	27°30	6°14	20°54	19°22	13°D40	12°25	19°23	27°28	F 18
S 19	17 46 58	27° 6'22	5♎55	4°56	14°27	13° 3	1° 0	27°37	6°17	20°55	19°23	13°40	12°22	19°30	27°24	S 19
S 20	17 50 55	28° 3'35	17°44	5°50	15°40	13°46	1°12	27°44	6°20	20°56	19°24	13°42	12°19	19°36	27°20	S 20
M21	17 54 51	29° 0'48	29°34	6°48	16°53	14°28	1°24	27°51	6°23	20°57	19°25	13°43	12°16	19°43	27°16	M21
T 22	17 58 48	29°58'00	11♏29	7°49	18° 7	15°11	1°36	27°58	6°26	20°58	19°27	13°R44	12°12	19°50	27°12	T 22
W23	18 2 45	0♋55'11	23°33	8°55	19°20	15°53	1°48	28° 5	6°29	20°59	19°28	13°43	12° 9	19°56	27° 8	W23
T 24	18 6 41	1°52'22	5♐49	10° 4	20°33	16°35	2° 1	28°12	6°33	21° 0	19°29	13°41	12° 6	20° 3	27° 4	T 24
F 25	18 10 38	2°49'33	18°21	11°18	21°47	17°17	2°13	28°19	6°36	21° 1	19°31	13°37	12° 3	20°10	27° 0	F 25
S 26	18 14 34	3°46'44	1♑10	12°35	23° 0	17°59	2°25	28°26	6°39	21° 2	19°32	13°30	12° 0	20°16	26°56	S 26
S 27	18 18 31	4°43'54	14°15	13°56	24°13	18°41	2°38	28°33	6°42	21° 3	19°34	13°22	11°56	20°23	26°52	S 27
M28	18 22 27	5°41'05	27°35	15°20	25°26	19°23	2°50	28°39	6°46	21° 4	19°35	13°14	11°53	20°30	26°48	M28
T 29	18 26 24	6°38'15	11♒ 9	16°48	26°39	20° 5	3° 2	28°46	6°49	21° 5	19°37	13° 5	11°50	20°36	26°44	T 29
W30	18 30 20	7♋35'26	24♒55	18♊20	27♋53	20♈46	3♌15	28♉53	6♌52	21♈ 6	19♌38	12♉58	11♉47	20♎43	26♐40	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n58	24s56	5s 5	17n 7	3s22	23n54	0n39	1s42	1s54	21n14	0n33	17n18	1s54	19n32	0n37	6n29	1s39	24n23	9n46	16n 9	15n52	4s48	16s47	6n41
W 2	22 7	21 32	5 14	16 53	3 33	24 0	0 41	1 25	1 54	21 12	0 34	17 20	1 54	19 32	0 37	6 30	1 39	24 23	9 46	16 8	15 51	4 52	16 47	6 42
T 3	22 15	16 55	5 5	16 40	3 42	24 6	0 43	1 8	1 54	21 10	0 34	17 21	1 54	19 31	0 37	6 30	1 40	24 22	9 46	16 8	15 50	4 55	16 46	6 42
F 4	22 22	11 22	4 38	16 29	3 50	24 10	0 45	0 51	1 55	21 7	0 34	17 23	1 54	19 30	0 37	6 31	1 40	24 22	9 46	16 7	15 49	4 58	16 46	6 42
S 5	22 29	5 9	3 54	16 20	3 56	24 15	0 47	0 34	1 55	21 5	0 34	17 25	1 54	19 30	0 37	6 31	1 40	24 21	9 45	16 8	15 48	5 1	16 46	6 42
S 6	22 36	1n25	2 55	16 13	4 2	24 18	0 50	0 17	1 56	21 3	0 34	17 27	1 54	19 29	0 37	6 32	1 40	24 21	9 45	16 8	15 47	5 5	16 45	6 43
M 7	22 42	8 0	1 45	16 8	4 6	24 20	0 52	0 0	1 56	21 1	0 34	17 29	1 54	19 28	0 37	6 32	1 40	24 20	9 45	16 8	15 46	5 8	16 45	6 43
T 8	22 48	14 13	0 27	16 6	4 9	24 22	0 54	0n16	1 56	20 58	0 34	17 30	1 54	19 28	0 37	6 33	1 40	24 20	9 45	16 9	15 45	5 11	16 45	6 43
W 9	22 54	19 38	0n53	16 5	4 10	24 23	0 56	0 33	1 57	20 56	0 34	17 32	1 54	19 27	0 37	6 33	1 40	24 19	9 45	16 9	15 44	5 14	16 45	6 43
T 10	22 59	23 52	2 8	16 7	4 11	24 24	0 58	0 50	1 57	20 54	0 34	17 34	1 54	19 26	0 37	6 34	1 40	24 19	9 45	16 8	15 43	5 18	16 44	6 44
F 11	23 4	26 31	3 15	16 10	4 10	24 24	1 0	1 7	1 58	20 51	0 34	17 35	1 54	19 26	0 37	6 34	1 40	24 18	9 44	16 7	15 42	5 21	16 44	6 44
S 12	23 8	27 26	4 8	16 16	4 9	24 23	1 2	1 24	1 58	20 49	0 34	17 37	1 54	19 25	0 37	6 35	1 40	24 18	9 44	16 6	15 41	5 24	16 44	6 44
S 13	23 12	26 36	4 45	16 23	4 6	24 21	1 4	1 40	1 58	20 46	0 34	17 39	1 54	19 24	0 37	6 35	1 40	24 17	9 44	16 4	15 40	5 28	16 43	6 44
M14	23 15	24 14	5 6	16 32	4 2	24 18	1 6	1 57	1 59	20 44	0 34	17 40	1 54	19 23	0 37	6 35	1 40	24 17	9 44	16 2	15 39	5 31	16 43	6 44
T 15	23 19	20 41	5 10	16 43	3 58	24 15	1 7	2 13	1 59	20 42	0 34	17 42	1 54	19 23	0 37	6 36	1 40	24 16	9 44	16 0	15 38	5 34	16 43	6 45
W16	23 21	16 17	4 59	16 56	3 52	24 11	1 9	2 30	1 59	20 39	0 34	17 43	1 54	19 22	0 37	6 36	1 40	24 16	9 44	15 59	15 37	5 37	16 43	6 45
T 17	23 24	11 19	4 34	17 10	3 46	24 7	1 11	2 46	2 0	20 36	0 34	17 45	1 54	19 21	0 37	6 37	1 40	24 15	9 43	15 58	15 36	5 41	16 43	6 45
F 18	23 25	6 1	3 57	17 25	3 39	24 1	1 13	3 3	2 0	20 34	0 34	17 47	1 54	19 20	0 37	6 37	1 40	24 15	9 43	15 58	15 35	5 44	16 42	6 45
S 19	23 27	0 34	3 11	17 41	3 32	23 55	1 14	3 19	2 0	20 31	0 34	17 48	1 54	19 20	0 37	6 38	1 40	24 14	9 43	15 58	15 34	5 47	16 42	6 45
S 20	23 28	4s52	2 16	17 59	3 23	23 49	1 16	3 35	2 0	20 29	0 34	17 50	1 54	19 19	0 37	6 38	1 40	24 14	9 43	15 59	15 33	5 50	16 42	6 45
M21	23 29	10 9	1 16	18 17	3 14	23 41	1 17	3 52	2 1	20 26	0 34	17 51	1 54	19 18	0 37	6 38	1 40	24 13	9 43	15 59	15 32	5 54	16 42	6 45
T 22	23 29	15 6	0 12	18 37	3 5	23 33	1 19	4 8	2 1	20 23	0 34	17 53	1 55	19 17	0 37	6 39	1 41	24 12	9 43	15 59	15 31	5 57	16 42	6 45
W23	23 29	19 33	0s53	18 57	2 55	23 24	1 20	4 24	2 1	20 21	0 34	17 54	1 55	19 16	0 37	6 39	1 41	24 12	9 43	15 59	15 31	6 0	16 42	6 45
T 24	23 28	23 13	1 56	19 17	2 44	23 15	1 22	4 40	2 1	20 18	0 34	17 56	1 55	19 16	0 37	6 39	1 41	24 11	9 42	15 58	15 30	6 3	16 41	6 45
F 25	23 27	25 53	2 56	19 38	2 33	23 5	1 23	4 56	2 1	20 15	0 34	17 57	1 55	19 15	0 37	6 40	1 41	24 11	9 42	15 57	15 29	6 7	16 41	6 46
S 26	23 26	27 15	3 47	20 0	2 22	22 54	1 24	5 12	2 2	20 13	0 34	17 59	1 55	19 14	0 37	6 40	1 41	24 10	9 42	15 55	15 28	6 10	16 41	6 46
S 27	23 24	27 9	4 28	20 21	2 11	22 42	1 25	5 27	2 2	20 10	0 34	18 0	1 55	19 13	0 37	6 40	1 41	24 10	9 42	15 53	15 27	6 13	16 41	6 46
M28	23 21	25 29	4 55	20 42	1 59	22 30	1 27	5 43	2 2	20 7	0 34	18 2	1 55	19 12	0 37	6 40	1 41	24 9	9 42	15 50	15 26	6 16	16 41	6 46
T 29	23 19	22 21	5 6	21 3	1 47	22 18	1 28	5 59	2 2	20 4	0 34	18 3	1 55	19 11	0 37	6 41	1 41	24 8	9 42	15 48	15 25	6 20	16 41	6 46
W30	23n16	17s56	4s59	21n24	1s34	22n 4	1n29	6n14	2s 2	20n 1	0n34	18n 4	1s55	19n11	0n37	6n41	1s41	24n 8	9n42	15n45	15n24	6s23	16s41	6n46

Julian Day Number = 2344314.5, Delta T = 12.35 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'31, Lahiri = 19°45'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

JULY 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 17	8♋32'36	8♓50	19♊55	29♋ 6	21♈28	3♌27	28♉59	6♌56	21♈ 6	19♌40	12°R52	11♉44	20♎50	26°R36	T 1
F 2	18 38 14	9°29'47	22°50	21°34	0♌19	22° 9	3°40	29° 6	6°59	21° 7	19°41	12♉49	11°41	20°56	26♐32	F 2
S 3	18 42 10	10°26'58	6♈56	23°16	1°32	22°51	3°53	29°12	7° 2	21° 8	19°43	12°D48	11°37	21° 3	26°29	S 3
S 4	18 46 7	11°24'10	21° 5	25° 1	2°45	23°32	4° 5	29°19	7° 6	21° 9	19°44	12°48	11°34	21°10	26°25	S 4
M 5	18 50 3	12°21'22	5♉16	26°49	3°58	24°13	4°18	29°25	7° 9	21° 9	19°46	12°R49	11°31	21°16	26°21	M 5
T 6	18 54 0	13°18'35	19°27	28°41	5°11	24°54	4°31	29°32	7°13	21°10	19°47	12°49	11°28	21°23	26°17	T 6
W 7	18 57 56	14°15'48	3♊37	0♋35	6°25	25°35	4°43	29°38	7°16	21°11	19°49	12°47	11°25	21°29	26°13	W 7
T 8	19 1 53	15°13'01	17°43	2°32	7°38	26°16	4°56	29°44	7°20	21°11	19°51	12°43	11°22	21°36	26°10	T 8
F 9	19 5 49	16°10'15	1♋40	4°31	8°51	26°56	5° 9	29°50	7°23	21°12	19°52	12°36	11°18	21°43	26° 6	F 9
S 10	19 9 46	17° 7'30	15°26	6°32	10° 4	27°37	5°22	29°57	7°27	21°12	19°54	12°27	11°15	21°49	26° 3	S 10
S 11	19 13 43	18° 4'45	28°56	8°36	11°17	28°17	5°35	0♊ 3	7°30	21°13	19°56	12°17	11°12	21°56	25°59	S 11
M12	19 17 39	19° 1'59	12♌ 9	10°40	12°30	28°57	5°48	0° 9	7°34	21°13	19°57	12° 6	11° 9	22° 3	25°56	M12
T 13	19 21 36	19°59'15	25° 2	12°47	13°43	29°37	6° 1	0°15	7°37	21°14	19°59	11°56	11° 6	22° 9	25°52	T 13
W14	19 25 32	20°56'30	7♍36	14°54	14°56	0♉17	6°14	0°21	7°41	21°14	20° 1	11°47	11° 2	22°16	25°49	W14
T 15	19 29 29	21°53'45	19°53	17° 1	16° 9	0°57	6°27	0°26	7°45	21°14	20° 2	11°40	10°59	22°23	25°45	T 15
F 16	19 33 25	22°51'01	1♎57	19° 9	17°22	1°37	6°40	0°32	7°48	21°15	20° 4	11°36	10°56	22°29	25°42	F 16
S 17	19 37 22	23°48'17	13°51	21°18	18°35	2°16	6°53	0°38	7°52	21°15	20° 6	11°34	10°53	22°36	25°39	S 17
S 18	19 41 18	24°45'34	25°40	23°26	19°47	2°56	7° 6	0°43	7°55	21°15	20° 8	11°D34	10°50	22°43	25°35	S 18
M19	19 45 15	25°42'50	7♏30	25°33	21° 0	3°35	7°19	0°49	7°59	21°15	20° 9	11°R34	10°47	22°49	25°32	M19
T 20	19 49 12	26°40'07	19°26	27°40	22°13	4°14	7°32	0°55	8° 3	21°16	20°11	11°34	10°43	22°56	25°29	T 20
W21	19 53 8	27°37'25	1♐33	29°46	23°26	4°53	7°45	1° 0	8° 6	21°16	20°13	11°32	10°40	23° 3	25°26	W21
T 22	19 57 5	28°34'43	13°56	1♑51	24°39	5°32	7°58	1° 5	8°10	21°16	20°15	11°29	10°37	23° 9	25°23	T 22
F 23	20 1 1	29°32'01	26°38	3°54	25°52	6°10	8°11	1°11	8°14	21°16	20°17	11°22	10°34	23°16	25°20	F 23
S 24	20 4 58	0♑29'20	9♒42	5°57	27° 4	6°49	8°24	1°16	8°17	21°16	20°18	11°14	10°31	23°23	25°17	S 24
S 25	20 8 54	1°26'40	23° 6	7°58	28°17	7°27	8°37	1°21	8°21	21°R16	20°20	11° 3	10°28	23°29	25°14	S 25
M26	20 12 51	2°24'01	6♓50	9°58	29°30	8° 5	8°50	1°26	8°25	21°16	20°22	10°51	10°24	23°36	25°12	M26
T 27	20 16 48	3°21'22	20°50	11°56	0♍42	8°43	9° 4	1°31	8°29	21°16	20°24	10°40	10°21	23°43	25° 9	T 27
W28	20 20 44	4°18'44	5♓ 2	13°52	1°55	9°21	9°17	1°36	8°32	21°16	20°26	10°30	10°18	23°49	25° 6	W28
T 29	20 24 41	5°16'07	19°19	15°47	3° 8	9°58	9°30	1°41	8°36	21°16	20°28	10°22	10°15	23°56	25° 4	T 29
F 30	20 28 37	6°13'31	3♈38	17°41	4°20	10°36	9°43	1°46	8°40	21°16	20°29	10°17	10°12	24° 2	25° 1	F 30
S 31	20 32 34	7♌10'56	17♈54	19♌33	5♍33	11♉13	9♌56	1♊50	8♌43	21♈16	20♌31	10♉14	10♉ 8	24♎ 9	24♐59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n12	12s31	4s35	21n44	1s22	21n50	1n30	6n29	2s 2	19n58	0n34	18n 6	1s55	19n10	0n37	6n41	1s41	24n 7	9n42	15n44	15n23	6s26	16s41	6n46
F 2	23 8	6 26	3 55	22 4	1 9	21 35	1 31	6 45	2 3	19 55	0 35	18 7	1 55	19 9	0 37	6 41	1 41	24 7	9 41	15 43	15 22	6 30	16 41	6 45
S 3	23 4	0n 0	3 0	22 22	0 57	21 20	1 31	7 0	2 3	19 53	0 35	18 8	1 55	19 8	0 37	6 42	1 41	24 6	9 41	15 42	15 21	6 33	16 41	6 45
S 4	22 59	6 29	1 54	22 39	0 44	21 4	1 32	7 15	2 3	19 50	0 35	18 10	1 55	19 7	0 37	6 42	1 41	24 5	9 41	15 42	15 20	6 36	16 41	6 45
M 5	22 54	12 40	0 40	22 55	0 32	20 48	1 33	7 30	2 3	19 47	0 35	18 11	1 55	19 6	0 37	6 42	1 41	24 5	9 41	15 43	15 19	6 39	16 41	6 45
T 6	22 49	18 12	0n35	23 9	0 20	20 31	1 33	7 45	2 3	19 44	0 35	18 12	1 55	19 5	0 37	6 42	1 41	24 4	9 41	15 43	15 18	6 43	16 41	6 45
W 7	22 43	22 41	1 49	23 21	0 8	20 13	1 34	8 0	2 3	19 41	0 35	18 13	1 56	19 4	0 37	6 42	1 41	24 4	9 41	15 42	15 17	6 46	16 41	6 45
T 8	22 37	25 49	2 55	23 31	0n 4	19 55	1 35	8 15	2 3	19 38	0 35	18 15	1 56	19 4	0 37	6 43	1 41	24 3	9 41	15 41	15 16	6 49	16 41	6 45
F 9	22 30	27 18	3 50	23 39	0 15	19 36	1 35	8 29	2 3	19 35	0 35	18 16	1 56	19 3	0 37	6 43	1 42	24 2	9 41	15 39	15 15	6 52	16 41	6 45
S 10	22 23	27 4	4 30	23 45	0 26	19 17	1 35	8 44	2 3	19 31	0 35	18 17	1 56	19 2	0 37	6 43	1 42	24 2	9 41	15 36	15 14	6 56	16 41	6 45
S 11	22 15	25 13	4 55	23 48	0 37	18 57	1 36	8 58	2 3	19 28	0 35	18 18	1 56	19 1	0 37	6 43	1 42	24 1	9 41	15 33	15 13	6 59	16 41	6 45
M12	22 8	22 1	5 3	23 49	0 46	18 37	1 36	9 12	2 3	19 25	0 35	18 19	1 56	19 0	0 37	6 43	1 42	24 0	9 41	15 30	15 12	7 2	16 41	6 44
T 13	21 59	17 50	4 55	23 47	0 55	18 16	1 36	9 26	2 3	19 22	0 35	18 21	1 56	18 59	0 37	6 43	1 42	24 0	9 40	15 26	15 11	7 5	16 41	6 44
W14	21 51	12 57	4 33	23 42	1 4	17 55	1 36	9 40	2 3	19 19	0 35	18 22	1 56	18 58	0 37	6 43	1 42	23 59	9 40	15 24	15 10	7 9	16 41	6 44
T 15	21 42	7 40	3 59	23 35	1 12	17 33	1 36	9 54	2 3	19 16	0 35	18 23	1 56	18 57	0 37	6 43	1 42	23 59	9 40	15 22	15 9	7 12	16 41	6 44
F 16	21 32	2 12	3 14	23 24	1 19	17 11	1 36	10 8	2 3	19 13	0 35	18 24	1 56	18 56	0 37	6 44	1 42	23 58	9 40	15 20	15 8	7 15	16 41	6 44
S 17	21 23	3s18	2 22	23 11	1 25	16 48	1 36	10 22	2 3	19 9	0 35	18 25	1 56	18 55	0 37	6 44	1 42	23 57	9 40	15 20	15 7	7 18	16 41	6 44
S 18	21 13	8 38	1 24	22 56	1 30	16 25	1 36	10 35	2 3	19 6	0 35	18 26	1 57	18 54	0 37	6 44	1 42	23 57	9 40	15 20	15 6	7 22	16 41	6 43
M19	21 2	13 42	0 22	22 37	1 35	16 1	1 35	10 49	2 2	19 3	0 35	18 27	1 57	18 53	0 37	6 44	1 42	23 56	9 40	15 20	15 5	7 25	16 41	6 43
T 20	20 51	18 17	0s42	22 17	1 39	15 37	1 35	11 2	2 2	18 59	0 35	18 28	1 57	18 52	0 37	6 44	1 42	23 55	9 40	15 20	15 4	7 28	16 42	6 43
W21	20 40	22 12	1 44	21 54	1 42	15 13	1 34	11 15	2 2	18 56	0 36	18 29	1 57	18 51	0 37	6 44	1 42	23 55	9 40	15 19	15 3	7 31	16 42	6 43
T 22	20 29	25 12	2 43	21 29	1 45	14 48	1 34	11 28	2 2	18 53	0 36	18 30	1 57	18 51	0 37	6 44	1 42	23 54	9 40	15 18	15 2	7 35	16 42	6 42
F 23	20 17	27 1	3 35	21 2	1 46	14 23	1 33	11 41	2 2	18 49	0 36	18 31	1 57	18 50	0 37	6 44	1 42	23 54	9 40	15 16	15 1	7 38	16 42	6 42
S 24	20 5	27 24	4 17	20 33	1 47	13 57	1 33	11 54	2 2	18 46	0 36	18 32	1 57	18 49	0 37	6 44	1 42	23 53	9 40	15 13	15 0	7 41	16 42	6 42
S 25	19 52	26 12	4 46	20 2	1 47	13 31	1 32	12 6	2 1	18 43	0 36	18 33	1 57	18 48	0 37	6 44	1 42	23 52	9 40	15 10	14 59	7 44	16 42	6 42
M26	19 39	23 26	5 0	19 30	1 47	13 5	1 31	12 19	2 1	18 39	0 36	18 34	1 58	18 47	0 37	6 44	1 43	23 52	9 40	15 6	14 58	7 47	16 43	6 41
T 27	19 26	19 14	4 56	18 56	1 46	12 39	1 30	12 31	2 1	18 36	0 36	18 35	1 58	18 46	0 37	6 43	1 43	23 51	9 40	15 3	14 57	7 51	16 43	6 41
W28	19 13	13 56	4 34	18 21	1 44	12 12	1 29	12 43	2 1	18 33	0 36	18 36	1 58	18 45	0 37	6 43	1 43	23 50	9 40	15 0	14 56	7 54	16 43	6 41
T 29	18 59	7 50	3 55	17 45	1 42	11 45	1 28	12 55	2 0	18 29	0 36	18 36	1 58	18 44	0 37	6 43	1 43	23 50	9 40	14 57	14 55	7 57	16 43	6 40
F 30	18 45	1 19	3 0	17 8	1 39	11 17	1 27	13 7	2 0	18 26	0 36	18 37	1 58	18 43	0 37	6 43	1 43	23 49	9 40	14 56	14 54	8 0	16 43	6 40
S 31	18n30	5n16	1s55	16n30	1n36	10n49	1n26	13n19	2s 0	18n22	0n36	18n38	1s58	18n42	0n37	6n43	1s43	23n49	9n40	14n55	14n53	8s 4	16s44	6n40

Julian Day Number = 2344344.5, Delta T = 12.33 sec
Ecliptic obliquity = 23°28'45, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'35, Lahiri = 19°45'36Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

AUGUST 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 30	8♌ 8'23	2♉ 6	21♌23	6♍45	11♉50	10♌ 9	1♊55	8♌47	21°R15	20♌33	10°R13	10♉ 5	24♎16	24°R57	S 1
M 2	20 40 27	9° 5'51	16°11	23°11	7°58	12°27	10°23	1°59	8°51	21♈15	20°35	10♉13	10° 2	24°22	24♐54	M 2
T 3	20 44 23	10° 3'21	0♊ 8	24°59	9°11	13° 4	10°36	2° 4	8°55	21°15	20°37	10°13	9°59	24°29	24°52	T 3
W 4	20 48 20	11° 0'51	13°59	26°44	10°23	13°40	10°49	2° 8	8°58	21°15	20°39	10°10	9°56	24°36	24°50	W 4
T 5	20 52 17	11°58'24	27°41	28°28	11°35	14°16	11° 2	2°13	9° 2	21°14	20°41	10° 5	9°53	24°42	24°48	T 5
F 6	20 56 13	12°55'57	11♋14	0♍10	12°48	14°52	11°15	2°17	9° 6	21°14	20°43	9°57	9°49	24°49	24°46	F 6
S 7	21 0 10	13°53'32	24°36	1°51	14° 0	15°28	11°29	2°21	9° 9	21°14	20°45	9°47	9°46	24°56	24°44	S 7
S 8	21 4 6	14°51'08	7♌46	3°30	15°13	16° 4	11°42	2°25	9°13	21°13	20°46	9°34	9°43	25° 2	24°42	S 8
M 9	21 8 3	15°48'45	20°41	5° 8	16°25	16°39	11°55	2°29	9°17	21°13	20°48	9°21	9°40	25° 9	24°40	M 9
T 10	21 11 59	16°46'23	3♍21	6°44	17°37	17°14	12° 8	2°33	9°20	21°12	20°50	9° 9	9°37	25°16	24°39	T 10
W11	21 15 56	17°44'03	15°46	8°19	18°50	17°49	12°21	2°36	9°24	21°12	20°52	8°58	9°34	25°22	24°37	W11
T 12	21 19 52	18°41'43	27°58	9°52	20° 2	18°24	12°34	2°40	9°28	21°11	20°54	8°50	9°30	25°29	24°36	T 12
F 13	21 23 49	19°39'25	9♎57	11°24	21°14	18°58	12°48	2°44	9°32	21°11	20°56	8°45	9°27	25°36	24°34	F 13
S 14	21 27 45	20°37'08	21°49	12°54	22°26	19°33	13° 1	2°47	9°35	21°10	20°58	8°41	9°24	25°42	24°33	S 14
S 15	21 31 42	21°34'51	3♏36	14°23	23°39	20° 7	13°14	2°51	9°39	21° 9	21° 0	8°D40	9°21	25°49	24°32	S 15
M16	21 35 39	22°32'37	15°25	15°50	24°51	20°40	13°27	2°54	9°43	21° 9	21° 2	8°40	9°18	25°56	24°30	M16
T 17	21 39 35	23°30'23	27°20	17°15	26° 3	21°14	13°40	2°57	9°46	21° 8	21° 4	8°R40	9°14	26° 2	24°29	T 17
W18	21 43 32	24°28'10	9♐28	18°39	27°15	21°47	13°53	3° 0	9°50	21° 7	21° 6	8°39	9°11	26° 9	24°28	W18
T 19	21 47 28	25°25'59	21°52	20° 2	28°27	22°20	14° 6	3° 3	9°53	21° 6	21° 8	8°37	9° 8	26°15	24°27	T 19
F 20	21 51 25	26°23'49	4♑38	21°22	29°39	22°52	14°19	3° 6	9°57	21° 6	21° 9	8°31	9° 5	26°22	24°26	F 20
S 21	21 55 21	27°21'40	17°49	22°41	0♎51	23°25	14°32	3° 9	10° 1	21° 5	21°11	8°24	9° 2	26°29	24°26	S 21
S 22	21 59 18	28°19'32	1♒25	23°59	2° 3	23°57	14°45	3°12	10° 4	21° 4	21°13	8°15	8°59	26°35	24°25	S 22
M23	22 3 15	29°17'26	15°26	25°14	3°15	24°28	14°58	3°14	10° 8	21° 3	21°15	8° 4	8°55	26°42	24°24	M23
T 24	22 7 11	0♍15'21	29°47	26°28	4°26	25° 0	15°11	3°17	10°11	21° 2	21°17	7°54	8°52	26°49	24°24	T 24
W25	22 11 8	1°13'18	14♓22	27°39	5°38	25°31	15°24	3°19	10°15	21° 1	21°19	7°44	8°49	26°55	24°23	W25
T 26	22 15 4	2°11'16	29° 5	28°49	6°50	26° 2	15°37	3°21	10°18	21° 0	21°21	7°37	8°46	27° 2	24°23	T 26
F 27	22 19 1	3° 9'16	13♈47	29°57	8° 2	26°32	15°50	3°24	10°22	20°59	21°23	7°33	8°43	27° 9	24°23	F 27
S 28	22 22 57	4° 7'18	28°23	1♎ 2	9°13	27° 2	16° 3	3°26	10°25	20°58	21°25	7°31	8°40	27°15	24°23	S 28
S 29	22 26 54	5° 5'22	12♉48	2° 5	10°25	27°32	16°16	3°28	10°29	20°57	21°27	7°D31	8°36	27°22	24°D23	S 29
M30	22 30 50	6° 3'28	26°58	3° 6	11°36	28° 2	16°28	3°30	10°32	20°56	21°28	7°31	8°33	27°29	24°23	M30
T 31	22 34 47	7♍ 1'37	10♊54	4♎ 4	12♎48	28♉31	16♌41	3♊32	10♌36	20♈55	21♌30	7°R31	8♉30	27♎35	24♐23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n16	11n33	0s43	15n51	1n32	10n21	1n24	13n31	2s 0	18n19	0n36	18n39	1s58	18n41	0n37	6n43	1s43	23n48	9n40	14n55	14n52	8s 7	16s44	6n39
M 2	18 1	17 12	0n31	15 12	1 28	9 53	1 23	13 42	1 59	18 15	0 36	18 40	1 58	18 40	0 37	6 43	1 43	23 47	9 40	14 55	14 51	8 10	16 44	6 39
T 3	17 45	21 54	1 43	14 32	1 23	9 24	1 22	13 54	1 59	18 12	0 36	18 40	1 59	18 39	0 37	6 43	1 43	23 47	9 40	14 54	14 50	8 13	16 44	6 39
W 4	17 30	25 18	2 48	13 51	1 18	8 55	1 20	14 5	1 59	18 8	0 37	18 41	1 59	18 38	0 37	6 42	1 43	23 46	9 40	14 54	14 49	8 17	16 45	6 38
T 5	17 14	27 10	3 43	13 10	1 13	8 26	1 19	14 16	1 58	18 5	0 37	18 42	1 59	18 37	0 37	6 42	1 43	23 46	9 40	14 52	14 48	8 20	16 45	6 38
F 6	16 58	27 23	4 24	12 28	1 7	7 57	1 17	14 27	1 58	18 1	0 37	18 42	1 59	18 36	0 37	6 42	1 43	23 45	9 40	14 49	14 47	8 23	16 45	6 38
S 7	16 41	26 0	4 50	11 47	1 1	7 28	1 15	14 38	1 57	17 57	0 37	18 43	1 59	18 35	0 37	6 42	1 43	23 44	9 40	14 46	14 46	8 26	16 46	6 37
S 8	16 24	23 11	5 0	11 5	0 54	6 58	1 13	14 48	1 57	17 54	0 37	18 44	1 59	18 34	0 37	6 42	1 43	23 44	9 40	14 42	14 45	8 29	16 46	6 37
M 9	16 7	19 16	4 55	10 23	0 47	6 28	1 12	14 59	1 56	17 50	0 37	18 44	1 59	18 33	0 37	6 41	1 43	23 43	9 40	14 38	14 44	8 33	16 46	6 36
T 10	15 50	14 33	4 34	9 41	0 40	5 58	1 10	15 9	1 56	17 47	0 37	18 45	2 0	18 32	0 37	6 41	1 43	23 43	9 40	14 34	14 43	8 36	16 47	6 36
W11	15 33	9 20	4 1	8 58	0 33	5 28	1 8	15 19	1 56	17 43	0 37	18 46	2 0	18 31	0 37	6 41	1 43	23 42	9 40	14 31	14 42	8 39	16 47	6 36
T 12	15 15	3 50	3 18	8 16	0 25	4 57	1 6	15 29	1 55	17 39	0 37	18 46	2 0	18 30	0 37	6 41	1 44	23 41	9 40	14 28	14 41	8 42	16 47	6 35
F 13	14 57	1s43	2 26	7 34	0 17	4 27	1 3	15 39	1 55	17 36	0 37	18 47	2 0	18 29	0 37	6 40	1 44	23 41	9 40	14 26	14 40	8 46	16 48	6 35
S 14	14 39	7 9	1 28	6 52	0 9	3 56	1 1	15 49	1 54	17 32	0 37	18 47	2 0	18 28	0 37	6 40	1 44	23 40	9 40	14 25	14 39	8 49	16 48	6 34
S 15	14 20	12 19	0 27	6 11	0 1	3 26	0 59	15 59	1 53	17 28	0 37	18 48	2 0	18 27	0 37	6 40	1 44	23 40	9 41	14 25	14 38	8 52	16 48	6 34
M16	14 1	17 3	0s36	5 29	0s 7	2 55	0 57	16 8	1 53	17 25	0 38	18 48	2 0	18 26	0 37	6 40	1 44	23 39	9 41	14 25	14 37	8 55	16 49	6 34
T 17	13 42	21 11	1 38	4 48	0 16	2 24	0 54	16 17	1 52	17 21	0 38	18 49	2 1	18 25	0 37	6 39	1 44	23 39	9 41	14 25	14 36	8 58	16 49	6 33
W18	13 23	24 28	2 36	4 7	0 25	1 53	0 52	16 27	1 52	17 17	0 38	18 49	2 1	18 24	0 37	6 39	1 44	23 38	9 41	14 25	14 35	9 2	16 50	6 33
T 19	13 4	26 42	3 28	3 27	0 34	1 22	0 49	16 36	1 51	17 14	0 38	18 49	2 1	18 23	0 37	6 39	1 44	23 37	9 41	14 24	14 34	9 5	16 50	6 32
F 20	12 44	27 36	4 12	2 47	0 42	0 51	0 47	16 44	1 50	17 10	0 38	18 50	2 1	18 22	0 37	6 38	1 44	23 37	9 41	14 22	14 33	9 8	16 50	6 32
S 21	12 25	26 59	4 44	2 7	0 52	0 20	0 44	16 53	1 50	17 6	0 38	18 50	2 1	18 21	0 37	6 38	1 44	23 36	9 41	14 20	14 32	9 11	16 51	6 31
S 22	12 5	24 45	5 0	1 28	1 1	0s11	0 41	17 2	1 49	17 3	0 38	18 51	2 1	18 21	0 37	6 38	1 44	23 36	9 41	14 17	14 31	9 14	16 51	6 31
M23	11 44	21 1	5 0	0 50	1 10	0 42	0 38	17 10	1 48	16 59	0 38	18 51	2 2	18 20	0 37	6 37	1 44	23 35	9 41	14 13	14 30	9 18	16 52	6 30
T 24	11 24	15 57	4 41	0 12	1 19	1 13	0 36	17 18	1 48	16 55	0 38	18 51	2 2	18 19	0 37	6 37	1 44	23 35	9 41	14 10	14 29	9 21	16 52	6 30
W25	11 3	9 54	4 4	0s25	1 29	1 45	0 33	17 26	1 47	16 51	0 38	18 52	2 2	18 18	0 37	6 36	1 44	23 34	9 41	14 7	14 28	9 24	16 52	6 29
T 26	10 43	3 16	3 10	1 2	1 38	2 16	0 30	17 34	1 46	16 48	0 39	18 52	2 2	18 17	0 37	6 36	1 44	23 34	9 42	14 5	14 27	9 27	16 53	6 29
F 27	10 22	3n34	2 3	1 37	1 47	2 47	0 27	17 42	1 45	16 44	0 39	18 52	2 2	18 16	0 37	6 36	1 44	23 33	9 42	14 3	14 26	9 30	16 53	6 29
S 28	10 1	10 10	0 49	2 12	1 57	3 18	0 24	17 50	1 45	16 40	0 39	18 52	2 2	18 15	0 37	6 35	1 44	23 33	9 42	14 2	14 25	9 34	16 54	6 28
S 29	9 40	16 9	0n28	2 45	2 6	3 49	0 21	17 58	1 44	16 36	0 39	18 53	2 3	18 14	0 37	6 35	1 44	23 32	9 42	14 2	14 24	9 37	16 54	6 28
M30	9 18	21 10	1 42	3 18	2 15	4 20	0 18	18 5	1 43	16 33	0 39	18 53	2 3	18 13	0 37	6 34	1 44	23 32	9 42	14 3	14 23	9 40	16 55	6 27
T 31	8n57	24n54	2n49	3s49	2s24	4s51	0n14	18n12	1s42	16n29	0n39	18n53	2s 3	18n12	0n37	6n34	1s45	23n31	9n42	14n 3	14n22	9s43	16s55	6n27

Julian Day Number = 2344375.5, Delta T = 12.31 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'39, Lahiri = 19°45'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

SEPTEMBER 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 38 43	7♍59'47	24♊35	4♎59	13♎59	29♉ 0	16♌54	3♊33	10♌39	20°R54	21♌32	7°R30	8♉27	27♎42	24♐23	W 1
T 2	22 42 40	8°57'59	8♋ 2	5°52	15°11	29°28	17° 6	3°35	10°43	20♈53	21°34	7♉27	8°24	27°49	24°23	T 2
F 3	22 46 37	9°56'13	21°16	6°41	16°22	29°56	17°19	3°36	10°46	20°52	21°36	7°21	8°20	27°55	24°24	F 3
S 4	22 50 33	10°54'29	4♌16	7°27	17°34	0♊24	17°32	3°38	10°49	20°51	21°38	7°13	8°17	28° 2	24°24	S 4
S 5	22 54 30	11°52'47	17° 5	8°10	18°45	0°51	17°44	3°39	10°53	20°50	21°39	7° 3	8°14	28° 9	24°25	S 5
M 6	22 58 26	12°51'07	29°41	8°49	19°56	1°18	17°57	3°40	10°56	20°48	21°41	6°53	8°11	28°15	24°25	M 6
T 7	23 2 23	13°49'29	12♍ 5	9°23	21° 7	1°45	18° 9	3°41	10°59	20°47	21°43	6°44	8° 8	28°22	24°26	T 7
W 8	23 6 19	14°47'52	24°18	9°54	22°19	2°11	18°22	3°42	11° 2	20°46	21°45	6°35	8° 5	28°28	24°27	W 8
T 9	23 10 16	15°46'18	6♎20	10°19	23°30	2°37	18°34	3°43	11° 6	20°44	21°47	6°29	8° 1	28°35	24°28	T 9
F 10	23 14 12	16°44'45	18°14	10°40	24°41	3° 2	18°47	3°44	11° 9	20°43	21°48	6°25	7°58	28°42	24°29	F 10
S 11	23 18 9	17°43'14	0♏ 3	10°55	25°52	3°27	18°59	3°44	11°12	20°42	21°50	6°23	7°55	28°48	24°30	S 11
S 12	23 22 6	18°41'44	11°49	11° 5	27° 3	3°51	19°11	3°45	11°15	20°40	21°52	6°D23	7°52	28°55	24°31	S 12
M13	23 26 2	19°40'17	23°37	11°R 9	28°14	4°15	19°23	3°45	11°18	20°39	21°54	6°24	7°49	29° 2	24°32	M13
T 14	23 29 59	20°38'51	5♐31	11° 6	29°25	4°38	19°36	3°46	11°21	20°38	21°55	6°25	7°45	29° 8	24°33	T 14
W15	23 33 55	21°37'27	17°36	10°57	0♏36	5° 1	19°48	3°46	11°24	20°36	21°57	6°R26	7°42	29°15	24°35	W15
T 16	23 37 52	22°36'04	29°58	10°41	1°46	5°24	20° 0	3°R46	11°27	20°35	21°59	6°26	7°39	29°22	24°36	T 16
F 17	23 41 48	23°34'43	12♑42	10°17	2°57	5°46	20°12	3°46	11°30	20°33	22° 1	6°24	7°36	29°28	24°38	F 17
S 18	23 45 45	24°33'24	25°51	9°47	4° 8	6° 7	20°24	3°46	11°33	20°32	22° 2	6°21	7°33	29°35	24°40	S 18
S 19	23 49 41	25°32'07	9♒28	9° 9	5°18	6°28	20°36	3°45	11°36	20°31	22° 4	6°16	7°30	29°42	24°41	S 19
M20	23 53 38	26°30'51	23°33	8°25	6°29	6°48	20°47	3°45	11°39	20°29	22° 6	6°10	7°26	29°48	24°43	M20
T 21	23 57 35	27°29'37	8♓ 2	7°34	7°39	7° 8	20°59	3°45	11°42	20°28	22° 7	6° 4	7°23	29°55	24°45	T 21
W22	0 1 31	28°28'25	22°52	6°38	8°49	7°27	21°11	3°44	11°45	20°26	22° 9	5°58	7°20	0♏ 1	24°47	W22
T 23	0 5 28	29°27'15	7♈53	5°36	10° 0	7°46	21°23	3°43	11°48	20°24	22°10	5°54	7°17	0° 8	24°49	T 23
F 24	0 9 24	0♎26'07	22°57	4°31	11°10	8° 4	21°34	3°42	11°51	20°23	22°12	5°52	7°14	0°15	24°51	F 24
S 25	0 13 21	1°25'01	7♉55	3°24	12°20	8°22	21°46	3°42	11°53	20°21	22°14	5°D51	7°11	0°21	24°54	S 25
S 26	0 17 17	2°23'57	22°40	2°17	13°30	8°39	21°57	3°41	11°56	20°20	22°15	5°52	7° 7	0°28	24°56	S 26
M27	0 21 14	3°22'56	7♊ 5	1°10	14°40	8°55	22° 9	3°39	11°59	20°18	22°17	5°54	7° 4	0°35	24°58	M27
T 28	0 25 10	4°21'57	21°10	0° 6	15°50	9°11	22°20	3°38	12° 1	20°17	22°18	5°55	7° 1	0°41	25° 1	T 28
W29	0 29 7	5°21'01	4♋53	29♍ 7	17° 0	9°26	22°31	3°37	12° 4	20°15	22°20	5°R55	6°58	0°48	25° 3	W29
T 30	0 33 4	6♎20'06	18♋16	28♍15	18♏10	9♊40	22♌42	3♊35	12♌ 6	20♈13	22♌21	5♉55	6♉55	0♏55	25♐ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n35	27n 6	3n44	4s20	2s33	5s21	0n11	18n19	1s41	16n25	0n39	18n53	2s 3	18n11	0n37	6n33	1s45	23n31	9n42	14n 2	14n21	9s46	16s56	6n26
T 2	8 13	27 40	4 26	4 48	2 42	5 52	0 8	18 26	1 40	16 22	0 39	18 53	2 3	18 10	0 37	6 33	1 45	23 30	9 43	14 1	14 20	9 50	16 56	6 26
F 3	7 51	26 38	4 53	5 16	2 50	6 23	0 5	18 33	1 39	16 18	0 39	18 53	2 3	18 9	0 37	6 32	1 45	23 30	9 43	13 59	14 19	9 53	16 57	6 25
S 4	7 29	24 9	5 5	5 42	2 59	6 53	0 1	18 40	1 38	16 14	0 40	18 53	2 4	18 8	0 37	6 32	1 45	23 29	9 43	13 57	14 18	9 56	16 57	6 25
S 5	7 7	20 31	5 1	6 6	3 7	7 23	0s 2	18 47	1 37	16 10	0 40	18 54	2 4	18 8	0 37	6 32	1 45	23 29	9 43	13 54	14 17	9 59	16 58	6 24
M 6	6 45	16 0	4 42	6 29	3 15	7 54	0 6	18 53	1 36	16 7	0 40	18 54	2 4	18 7	0 37	6 31	1 45	23 28	9 43	13 50	14 15	10 2	16 58	6 24
T 7	6 22	10 53	4 10	6 49	3 22	8 24	0 9	18 59	1 35	16 3	0 40	18 54	2 4	18 6	0 37	6 31	1 45	23 28	9 43	13 47	14 14	10 6	16 59	6 23
W 8	6 0	5 26	3 27	7 8	3 29	8 54	0 13	19 6	1 34	15 59	0 40	18 54	2 4	18 5	0 37	6 30	1 45	23 27	9 44	13 44	14 13	10 9	16 59	6 23
T 9	5 37	0s 9	2 35	7 24	3 36	9 23	0 16	19 12	1 33	15 55	0 40	18 54	2 4	18 4	0 37	6 29	1 45	23 27	9 44	13 42	14 12	10 12	17 0	6 22
F 10	5 14	5 41	1 36	7 37	3 42	9 53	0 20	19 18	1 32	15 52	0 40	18 54	2 5	18 3	0 37	6 29	1 45	23 27	9 44	13 41	14 11	10 15	17 0	6 22
S 11	4 52	10 58	0 34	7 48	3 47	10 22	0 23	19 23	1 31	15 48	0 40	18 54	2 5	18 2	0 37	6 28	1 45	23 26	9 44	13 40	14 10	10 18	17 1	6 21
S 12	4 29	15 52	0s29	7 56	3 51	10 51	0 27	19 29	1 30	15 44	0 41	18 53	2 5	18 2	0 37	6 28	1 45	23 26	9 44	13 40	14 9	10 21	17 1	6 21
M13	4 6	20 11	1 32	8 1	3 55	11 20	0 30	19 35	1 29	15 40	0 41	18 53	2 5	18 1	0 37	6 27	1 45	23 25	9 45	13 41	14 8	10 25	17 2	6 20
T 14	3 43	23 44	2 31	8 2	3 58	11 49	0 34	19 40	1 27	15 37	0 41	18 53	2 5	18 0	0 37	6 27	1 45	23 25	9 45	13 41	14 7	10 28	17 2	6 20
W15	3 20	26 18	3 25	8 0	3 59	12 17	0 38	19 46	1 26	15 33	0 41	18 53	2 5	17 59	0 37	6 26	1 45	23 25	9 45	13 41	14 6	10 31	17 3	6 20
T 16	2 56	27 39	4 10	7 54	3 59	12 45	0 41	19 51	1 25	15 29	0 41	18 53	2 6	17 58	0 37	6 26	1 45	23 24	9 45	13 41	14 5	10 34	17 3	6 19
F 17	2 33	27 35	4 44	7 44	3 58	13 13	0 45	19 56	1 24	15 26	0 41	18 53	2 6	17 57	0 37	6 25	1 45	23 24	9 45	13 41	14 4	10 37	17 4	6 19
S 18	2 10	26 0	5 5	7 29	3 56	13 41	0 49	20 1	1 22	15 22	0 41	18 53	2 6	17 57	0 37	6 24	1 45	23 23	9 46	13 39	14 3	10 40	17 5	6 18
S 19	1 47	22 53	5 10	7 11	3 51	14 8	0 52	20 6	1 21	15 18	0 41	18 52	2 6	17 56	0 37	6 24	1 45	23 23	9 46	13 38	14 2	10 44	17 5	6 18
M20	1 23	18 21	4 56	6 47	3 45	14 35	0 56	20 11	1 19	15 15	0 42	18 52	2 6	17 55	0 37	6 23	1 45	23 23	9 46	13 36	14 1	10 47	17 6	6 17
T 21	1 0	12 39	4 24	6 20	3 37	15 2	1 0	20 15	1 18	15 11	0 42	18 52	2 6	17 54	0 37	6 23	1 45	23 22	9 46	13 34	14 0	10 50	17 6	6 17
W22	0 36	6 6	3 33	5 48	3 27	15 28	1 4	20 20	1 17	15 7	0 42	18 52	2 7	17 54	0 37	6 22	1 45	23 22	9 46	13 32	13 59	10 53	17 7	6 16
T 23	0 13	0n53	2 27	5 13	3 16	15 54	1 7	20 24	1 15	15 4	0 42	18 51	2 7	17 53	0 38	6 22	1 45	23 22	9 47	13 31	13 58	10 56	17 7	6 16
F 24	0s10	7 51	1 10	4 35	3 2	16 20	1 11	20 29	1 14	15 0	0 42	18 51	2 7	17 52	0 38	6 21	1 45	23 22	9 47	13 30	13 57	10 59	17 8	6 15
S 25	0 34	14 21	0n11	3 54	2 46	16 45	1 15	20 33	1 12	14 57	0 42	18 51	2 7	17 51	0 38	6 20	1 45	23 21	9 47	13 30	13 56	11 3	17 8	6 15
S 26	0 57	19 56	1 31	3 11	2 29	17 10	1 18	20 37	1 10	14 53	0 42	18 50	2 7	17 51	0 38	6 20	1 45	23 21	9 47	13 30	13 55	11 6	17 9	6 14
M27	1 21	24 12	2 43	2 28	2 11	17 34	1 22	20 41	1 9	14 49	0 43	18 50	2 7	17 50	0 38	6 19	1 45	23 21	9 48	13 30	13 54	11 9	17 9	6 14
T 28	1 44	26 54	3 43	1 45	1 52	17 58	1 26	20 45	1 7	14 46	0 43	18 50	2 7	17 49	0 38	6 18	1 45	23 20	9 48	13 31	13 53	11 12	17 10	6 13
W29	2 8	27 52	4 29	1 3	1 32	18 22	1 29	20 49	1 6	14 42	0 43	18 49	2 8	17 48	0 38	6 18	1 45	23 20	9 48	13 31	13 52	11 15	17 10	6 13
T 30	2s31	27n10	4n59	0s23	1s11	18s45	1s33	20n53	1s 4	14n39	0n43	18n49	2s 8	17n48	0n38	6n17	1s46	23n20	9n48	13n31	13n51	11s18	17s11	6n13

Julian Day Number = 2344406.5, Delta T = 12.29 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'44, Lahiri = 19°45'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

OCTOBER 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 0	7♎19'14	1♌19	27°R30	19♏20	9♊54	22♌53	3°R34	12♌ 9	20°R12	22♌23	5°R53	6♉51	1♏ 1	25♐ 9	F 1
S 2	0 40 57	8°18'25	14° 5	26♍54	20°29	10° 7	23° 4	3♊32	12°11	20♈10	22°24	5♉50	6°48	1° 8	25°12	S 2
S 3	0 44 53	9°17'37	26°38	26°28	21°39	10°20	23°15	3°31	12°14	20° 9	22°26	5°46	6°45	1°15	25°15	S 3
M 4	0 48 50	10°16'52	8♍57	26°12	22°48	10°31	23°26	3°29	12°16	20° 7	22°27	5°41	6°42	1°21	25°18	M 4
T 5	0 52 46	11°16'09	21° 7	26°D 7	23°58	10°42	23°37	3°27	12°18	20° 5	22°28	5°37	6°39	1°28	25°21	T 5
W 6	0 56 43	12°15'28	3♎ 8	26°13	25° 7	10°52	23°48	3°25	12°21	20° 4	22°30	5°33	6°36	1°35	25°24	W 6
T 7	1 0 39	13°14'50	15° 2	26°29	26°16	11° 2	23°58	3°22	12°23	20° 2	22°31	5°31	6°32	1°41	25°27	T 7
F 8	1 4 36	14°14'13	26°51	26°56	27°25	11°10	24° 9	3°20	12°25	20° 0	22°32	5°30	6°29	1°48	25°30	F 8
S 9	1 8 33	15°13'38	8♏38	27°32	28°34	11°18	24°19	3°18	12°27	19°59	22°34	5°D29	6°26	1°54	25°34	S 9
S 10	1 12 29	16°13'05	20°24	28°17	29°43	11°25	24°30	3°15	12°29	19°57	22°35	5°30	6°23	2° 1	25°37	S 10
M11	1 16 26	17°12'35	2♐14	29°10	0♐52	11°32	24°40	3°13	12°32	19°55	22°36	5°31	6°20	2° 8	25°41	M11
T 12	1 20 22	18°12'06	14°10	0♎10	2° 1	11°37	24°50	3°10	12°34	19°54	22°37	5°33	6°17	2°14	25°44	T 12
W13	1 24 19	19°11'39	26°16	1°17	3° 9	11°42	25° 0	3° 7	12°36	19°52	22°39	5°34	6°13	2°21	25°48	W13
T 14	1 28 15	20°11'13	8♑36	2°30	4°18	11°46	25°10	3° 5	12°37	19°50	22°40	5°35	6°10	2°28	25°51	T 14
F 15	1 32 12	21°10'50	21°16	3°47	5°26	11°49	25°20	3° 2	12°39	19°48	22°41	5°R36	6° 7	2°34	25°55	F 15
S 16	1 36 8	22°10'28	4♒19	5° 9	6°35	11°51	25°30	2°59	12°41	19°47	22°42	5°35	6° 4	2°41	25°59	S 16
S 17	1 40 5	23°10'08	17°47	6°35	7°43	11°52	25°39	2°55	12°43	19°45	22°43	5°34	6° 1	2°48	26° 3	S 17
M18	1 44 2	24° 9'50	1♓44	8° 3	8°51	11°R53	25°49	2°52	12°45	19°43	22°44	5°33	5°57	2°54	26° 7	M18
T 19	1 47 58	25° 9'33	16° 7	9°35	9°59	11°52	25°58	2°49	12°46	19°42	22°45	5°32	5°54	3° 1	26°11	T 19
W20	1 51 55	26° 9'18	0♈54	11° 8	11° 6	11°51	26° 8	2°46	12°48	19°40	22°46	5°31	5°51	3° 8	26°15	W20
T 21	1 55 51	27° 9'05	15°59	12°43	12°14	11°49	26°17	2°42	12°50	19°38	22°48	5°30	5°48	3°14	26°19	T 21
F 22	1 59 48	28° 8'54	1♉12	14°19	13°21	11°46	26°26	2°39	12°51	19°37	22°48	5°D29	5°45	3°21	26°24	F 22
S 23	2 3 44	29° 8'44	16°25	15°56	14°29	11°42	26°35	2°35	12°53	19°35	22°49	5°29	5°42	3°27	26°28	S 23
S 24	2 7 41	0♏ 8'37	1♊27	17°35	15°36	11°37	26°44	2°31	12°54	19°33	22°50	5°30	5°38	3°34	26°32	S 24
M25	2 11 37	1° 8'33	16°10	19°13	16°43	11°32	26°53	2°28	12°56	19°32	22°51	5°30	5°35	3°41	26°37	M25
T 26	2 15 34	2° 8'30	0♋31	20°52	17°50	11°25	27° 1	2°24	12°57	19°30	22°52	5°31	5°32	3°47	26°41	T 26
W27	2 19 31	3° 8'29	14°25	22°32	18°56	11°18	27°10	2°20	12°58	19°29	22°53	5°31	5°29	3°54	26°46	W27
T 28	2 23 27	4° 8'31	27°52	24°11	20° 3	11° 9	27°18	2°16	12°59	19°27	22°54	5°31	5°26	4° 1	26°50	T 28
F 29	2 27 24	5° 8'35	10♌55	25°51	21° 9	11° 0	27°26	2°12	13° 1	19°25	22°55	5°31	5°23	4° 7	26°55	F 29
S 30	2 31 20	6° 8'41	23°37	27°30	22°15	10°50	27°35	2° 8	13° 2	19°24	22°55	5°31	5°19	4°14	27° 0	S 30
S 31	2 35 17	7♏ 8'49	6♍ 1	29♎ 9	23♐21	10♊39	27♌43	2♊ 4	13♌ 3	19♈22	22♌56	5♉31	5♉16	4♏21	27♐ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	2s55	24n59	5n13	0n13	0s51	19s 8	1s37	20n57	1s 2	14n35	0n43	18n48	2s 8	17n47	0n38	6n17	1s46	23n20	9n49	13n30	13n50	11s21	17s12	6n12	
S 2	3 18	21 34	5 10	0 46	0 31	19 31	1 40	21 1	1 0	14 32	0 43	18 48	2 8	17 46	0 38	6 16	1 46	23 19	9 49	13 29	13 49	11 25	17 12	6 12	
S 3	3 41	17 15	4 53	1 14	0 11	19 53	1 44	21 4	0 58	14 29	0 44	18 48	2 8	17 46	0 38	6 15	1 46	23 19	9 49	13 28	13 48	11 28	17 13	6 11	
M 4	4 5	12 17	4 23	1 37	0n 7	20 14	1 47	21 8	0 57	14 25	0 44	18 47	2 8	17 45	0 38	6 15	1 46	23 19	9 50	13 26	13 46	11 31	17 13	6 11	
T 5	4 28	6 54	3 41	1 55	0 24	20 35	1 51	21 11	0 55	14 22	0 44	18 47	2 8	17 45	0 38	6 14	1 46	23 19	9 50	13 25	13 45	11 34	17 14	6 10	
W 6	4 51	1 20	2 49	2 7	0 40	20 56	1 54	21 15	0 53	14 18	0 44	18 46	2 9	17 44	0 38	6 13	1 46	23 19	9 50	13 24	13 44	11 37	17 14	6 10	
T 7	5 14	4s14	1 51	2 14	0 55	21 16	1 58	21 18	0 51	14 15	0 44	18 46	2 9	17 43	0 38	6 13	1 46	23 18	9 50	13 23	13 43	11 40	17 15	6 10	
F 8	5 37	9 38	0 48	2 16	1 8	21 35	2 1	21 21	0 49	14 12	0 44	18 45	2 9	17 43	0 38	6 12	1 46	23 18	9 51	13 22	13 42	11 43	17 15	6 9	
S 9	6 0	14 41	0s17	2 12	1 19	21 54	2 5	21 24	0 47	14 8	0 45	18 44	2 9	17 42	0 38	6 12	1 46	23 18	9 51	13 22	13 41	11 46	17 16	6 9	
S 10	6 23	19 11	1 22	2 3	1 30	22 12	2 8	21 27	0 45	14 5	0 45	18 44	2 9	17 42	0 38	6 11	1 46	23 18	9 51	13 23	13 40	11 50	17 16	6 8	
M11	6 46	22 58	2 23	1 50	1 38	22 30	2 11	21 30	0 42	14 2	0 45	18 43	2 9	17 41	0 38	6 10	1 46	23 18	9 52	13 23	13 39	11 53	17 17	6 8	
T 12	7 9	25 49	3 18	1 33	1 45	22 48	2 15	21 33	0 40	13 58	0 45	18 43	2 9	17 41	0 38	6 10	1 46	23 18	9 52	13 24	13 38	11 56	17 17	6 7	
W13	7 32	27 31	4 6	1 11	1 51	23 4	2 18	21 36	0 38	13 55	0 45	18 42	2 9	17 40	0 38	6 9	1 46	23 17	9 52	13 24	13 37	11 59	17 18	6 7	
T 14	7 54	27 54	4 43	0 47	1 56	23 21	2 21	21 39	0 36	13 52	0 45	18 41	2 10	17 40	0 38	6 8	1 46	23 17	9 53	13 24	13 36	12 2	17 18	6 7	
F 15	8 17	26 51	5 7	0 19	1 59	23 36	2 24	21 41	0 33	13 49	0 46	18 41	2 10	17 39	0 38	6 8	1 46	23 17	9 53	13 24	13 35	12 5	17 19	6 6	
S 16	8 39	24 20	5 17	0s12	2 1	23 51	2 27	21 44	0 31	13 46	0 46	18 40	2 10	17 39	0 38	6 7	1 46	23 17	9 53	13 24	13 34	12 8	17 19	6 6	
S 17	9 1	20 26	5 10	0 44	2 3	24 6	2 30	21 46	0 29	13 43	0 46	18 39	2 10	17 38	0 38	6 6	1 46	23 17	9 53	13 24	13 33	12 11	17 20	6 5	
M18	9 23	15 18	4 45	1 19	2 3	24 20	2 33	21 49	0 26	13 40	0 46	18 39	2 10	17 38	0 38	6 6	1 46	23 17	9 54	13 24	13 32	12 14	17 20	6 5	
T 19	9 45	9 11	4 1	1 56	2 2	24 33	2 36	21 51	0 24	13 37	0 46	18 38	2 10	17 37	0 38	6 5	1 46	23 17	9 54	13 23	13 31	12 18	17 21	6 5	
W20	10 7	2 24	3 1	2 33	2 1	24 45	2 38	21 54	0 21	13 34	0 47	18 37	2 10	17 37	0 38	6 5	1 46	23 17	9 54	13 23	13 30	12 21	17 21	6 4	
T 21	10 29	4n40	1 46	3 12	1 59	24 57	2 41	21 56	0 19	13 31	0 47	18 36	2 10	17 36	0 39	6 4	1 46	23 17	9 55	13 23	13 29	12 24	17 22	6 4	
F 22	10 50	11 32	0 24	3 52	1 56	25 9	2 44	21 58	0 16	13 28	0 47	18 36	2 10	17 36	0 39	6 3	1 46	23 17	9 55	13 22	13 28	12 27	17 22	6 4	
S 23	11 11	17 44	1n 0	4 33	1 53	25 19	2 46	22 0	0 14	13 25	0 47	18 35	2 10	17 36	0 39	6 3	1 46	23 17	9 55	13 22	13 26	12 30	17 23	6 3	
S 24	11 32	22 46	2 19	5 14	1 49	25 29	2 48	22 2	0 11	13 22	0 47	18 34	2 10	17 35	0 39	6 2	1 46	23 17	9 56	13 23	13 25	12 33	17 23	6 3	
M25	11 53	26 12	3 28	5 55	1 45	25 39	2 51	22 4	0 8	13 19	0 48	18 33	2 11	17 35	0 39	6 1	1 46	23 17	9 56	13 23	13 24	12 36	17 24	6 3	
T 26	12 14	27 49	4 21	6 37	1 40	25 48	2 53	22 6	0 5	13 16	0 48	18 32	2 11	17 34	0 39	6 1	1 46	23 17	9 56	13 23	13 23	12 39	17 24	6 2	
W27	12 35	27 37	4 57	7 18	1 36	25 56	2 55	22 8	0 3	13 14	0 48	18 32	2 11	17 34	0 39	6 0	1 46	23 17	9 57	13 23	13 22	12 42	17 25	6 2	
T 28	12 55	25 46	5 15	8 0	1 30	26 3	2 57	22 9	0n 0	13 11	0 48	18 31	2 11	17 34	0 39	6 0	1 46	23 17	9 57	13 23	13 21	12 45	17 25	6 2	
F 29	13 15	22 35	5 17	8 41	1 25	26 10	2 59	22 11	0 3	13 8	0 48	18 30	2 11	17 34	0 39	5 59	1 46	23 17	9 57	13 23	13 20	12 49	17 25	6 1	
S 30	13 35	18 25	5 2	9 22	1 19	26 16	3 1	22 12	0 6	13 6	0 49	18 29	2 11	17 33	0 39	5 59	1 46	23 17	9 58	13 23	13 19	12 52	17 26	6 1	
S 31	13s55	13n34	4n34	10s 3	1n13	26s21	3s 3	22n14	0n 9	13n 3	0n49	18n28	2s11	17n33	0n39	5n58	1s46	23n17	9n58	13n23	13n18	12s55	17s26	6n 1	

Julian Day Number = 2344436.5, Delta T = 12.27 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'48, Lahiri = 19°45'48Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1706
geocentric

NOVEMBER 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 39 13	8♏ 8'58	18♍11	0♏48	24♐27	10°R27	27♌51	1°R59	13♌ 4	19°R21	22♌57	5♉31	5♉13	4♏27	27♐ 9	M 1
T 2	2 43 10	9° 9'10	0♎10	2°27	25°33	10♊14	27°58	1♊55	13° 5	19♈19	22°58	5°32	5°10	4°34	27°14	T 2
W 3	2 47 6	10° 9'24	12° 3	4° 6	26°38	10° 1	28° 6	1°51	13° 6	19°17	22°58	5°32	5° 7	4°41	27°19	W 3
T 4	2 51 3	11° 9'40	23°51	5°44	27°43	9°47	28°14	1°46	13° 7	19°16	22°59	5°33	5° 3	4°47	27°24	T 4
F 5	2 54 59	12° 9'58	5♏38	7°22	28°48	9°32	28°21	1°42	13° 7	19°14	23° 0	5°R33	5° 0	4°54	27°29	F 5
S 6	2 58 56	13°10'18	17°26	9° 0	29°53	9°16	28°28	1°37	13° 8	19°13	23° 0	5°33	4°57	5° 0	27°34	S 6
S 7	3 2 53	14°10'39	29°17	10°37	0♑57	8°59	28°35	1°33	13° 9	19°11	23° 1	5°32	4°54	5° 7	27°39	S 7
M 8	3 6 49	15°11'02	11♐13	12°14	2° 1	8°42	28°42	1°28	13° 9	19°10	23° 1	5°31	4°51	5°14	27°45	M 8
T 9	3 10 46	16°11'26	23°16	13°51	3° 5	8°24	28°49	1°24	13°10	19° 8	23° 2	5°29	4°48	5°20	27°50	T 9
W10	3 14 42	17°11'52	5♑29	15°27	4° 9	8° 5	28°56	1°19	13°11	19° 7	23° 2	5°28	4°44	5°27	27°55	W10
T 11	3 18 39	18°12'20	17°54	17° 3	5°13	7°46	29° 2	1°14	13°11	19° 6	23° 3	5°26	4°41	5°34	28° 0	T 11
F 12	3 22 35	19°12'49	0♒35	18°39	6°16	7°26	29° 9	1° 9	13°11	19° 4	23° 3	5°25	4°38	5°40	28° 6	F 12
S 13	3 26 32	20°13'19	13°34	20°14	7°19	7° 6	29°15	1° 5	13°12	19° 3	23° 3	5°24	4°35	5°47	28°11	S 13
S 14	3 30 29	21°13'51	26°54	21°50	8°21	6°46	29°21	1° 0	13°12	19° 1	23° 4	5°D24	4°32	5°54	28°17	S 14
M15	3 34 25	22°14'23	10♓38	23°25	9°23	6°24	29°27	0°55	13°12	19° 0	23° 4	5°24	4°28	6° 0	28°22	M15
T 16	3 38 22	23°14'57	24°45	24°59	10°25	6° 3	29°32	0°50	13°13	18°59	23° 4	5°26	4°25	6° 7	28°28	T 16
W17	3 42 18	24°15'32	9♈16	26°34	11°27	5°41	29°38	0°45	13°13	18°57	23° 5	5°27	4°22	6°14	28°33	W17
T 18	3 46 15	25°16'08	24° 6	28° 8	12°28	5°19	29°43	0°40	13°13	18°56	23° 5	5°28	4°19	6°20	28°39	T 18
F 19	3 50 11	26°16'46	9♉10	29°43	13°29	4°57	29°49	0°36	13°R13	18°55	23° 5	5°R28	4°16	6°27	28°45	F 19
S 20	3 54 8	27°17'25	24°20	1♐16	14°29	4°34	29°54	0°31	13°13	18°54	23° 5	5°27	4°13	6°34	28°50	S 20
S 21	3 58 4	28°18'05	9♊26	2°50	15°29	4°11	29°59	0°26	13°13	18°52	23° 5	5°25	4° 9	6°40	28°56	S 21
M22	4 2 1	29°18'47	24°19	4°24	16°29	3°49	0♍ 4	0°21	13°13	18°51	23° 5	5°22	4° 6	6°47	29° 2	M22
T 23	4 5 58	0♐19'30	8♋51	5°58	17°28	3°26	0° 8	0°16	13°12	18°50	23° 6	5°19	4° 3	6°53	29° 8	T 23
W24	4 9 54	1°20'15	22°58	7°31	18°26	3° 3	0°13	0°11	13°12	18°49	23° 6	5°15	4° 0	7° 0	29°13	W24
T 25	4 13 51	2°21'01	6♌35	9° 4	19°25	2°40	0°17	0° 6	13°12	18°48	23°R 6	5°12	3°57	7° 7	29°19	T 25
F 26	4 17 47	3°21'49	19°45	10°38	20°22	2°18	0°21	0° 1	13°12	18°47	23° 6	5°10	3°54	7°13	29°25	F 26
S 27	4 21 44	4°22'38	2♍30	12°11	21°20	1°55	0°25	29♉56	13°11	18°46	23° 6	5°D 9	3°50	7°20	29°31	S 27
S 28	4 25 40	5°23'29	14°53	13°44	22°16	1°33	0°29	29°51	13°11	18°45	23° 6	5° 9	3°47	7°27	29°37	S 28
M29	4 29 37	6°24'21	27° 0	15°17	23°12	1°11	0°32	29°46	13°10	18°44	23° 5	5°11	3°44	7°33	29°43	M29
T 30	4 33 33	7♐25'14	8♎55	16♐50	24♑ 8	0♊49	0♍36	29♉42	13♌10	18♈43	23♌ 5	5♉13	3♉41	7♏40	29♐49	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s15	8n16	3n54	10s44	1n 7	26s26	3s 5	22n15	0n12	13n 1	0n49	18n27	2s11	17n33	0n39	5n57	1s46	23n17	9n59	13n23	13n17	12s58	17s27	6n 0
T 2	14 34	2 45	3 4	11 24	1 1	26 30	3 6	22 16	0 15	12 58	0 49	18 26	2 11	17 32	0 39	5 57	1 45	23 17	9 59	13 23	13 16	13 1	17 27	6 0
W 3	14 53	2s49	2 7	12 3	0 54	26 34	3 7	22 17	0 18	12 56	0 49	18 26	2 11	17 32	0 39	5 56	1 45	23 17	9 59	13 23	13 15	13 4	17 27	6 0
T 4	15 12	8 16	1 5	12 42	0 48	26 36	3 9	22 18	0 21	12 53	0 50	18 25	2 11	17 32	0 39	5 56	1 45	23 17	10 0	13 23	13 14	13 7	17 28	6 0
F 5	15 31	13 26	0s 0	13 21	0 41	26 38	3 10	22 18	0 24	12 51	0 50	18 24	2 11	17 32	0 39	5 55	1 45	23 18	10 0	13 24	13 13	13 10	17 28	5 59
S 6	15 49	18 7	1 6	13 59	0 34	26 40	3 11	22 19	0 27	12 48	0 50	18 23	2 11	17 32	0 39	5 55	1 45	23 18	10 0	13 23	13 12	13 13	17 28	5 59
S 7	16 7	22 7	2 8	14 36	0 28	26 41	3 12	22 20	0 30	12 46	0 50	18 22	2 11	17 32	0 39	5 54	1 45	23 18	10 1	13 23	13 11	13 16	17 29	5 59
M 8	16 25	25 13	3 5	15 12	0 21	26 41	3 13	22 20	0 33	12 44	0 50	18 21	2 11	17 31	0 39	5 53	1 45	23 18	10 1	13 23	13 10	13 19	17 29	5 58
T 9	16 43	27 13	3 55	15 48	0 14	26 40	3 13	22 20	0 36	12 42	0 51	18 20	2 11	17 31	0 39	5 53	1 45	23 18	10 1	13 22	13 8	13 22	17 30	5 58
W10	17 0	27 56	4 35	16 23	0 7	26 39	3 14	22 20	0 39	12 40	0 51	18 19	2 11	17 31	0 39	5 52	1 45	23 18	10 2	13 22	13 7	13 25	17 30	5 58
T 11	17 17	27 16	5 2	16 57	0 1	26 37	3 14	22 20	0 42	12 38	0 51	18 18	2 11	17 31	0 39	5 52	1 45	23 19	10 2	13 21	13 6	13 28	17 30	5 58
F 12	17 33	25 11	5 16	17 30	0s 6	26 34	3 15	22 20	0 45	12 36	0 51	18 17	2 11	17 31	0 39	5 51	1 45	23 19	10 2	13 21	13 5	13 31	17 30	5 58
S 13	17 50	21 47	5 13	18 2	0 13	26 31	3 15	22 20	0 48	12 34	0 52	18 16	2 11	17 31	0 39	5 51	1 45	23 19	10 3	13 21	13 4	13 34	17 31	5 57
S 14	18 6	17 10	4 55	18 34	0 19	26 27	3 15	22 19	0 51	12 32	0 52	18 15	2 11	17 31	0 39	5 50	1 45	23 19	10 3	13 21	13 3	13 37	17 31	5 57
M15	18 22	11 35	4 19	19 4	0 26	26 23	3 15	22 19	0 54	12 30	0 52	18 14	2 11	17 31	0 40	5 50	1 45	23 19	10 4	13 21	13 2	13 41	17 31	5 57
T 16	18 37	5 15	3 27	19 34	0 32	26 18	3 14	22 18	0 57	12 28	0 52	18 13	2 11	17 31	0 40	5 49	1 45	23 20	10 4	13 21	13 1	13 44	17 32	5 57
W17	18 52	1n32	2 20	20 3	0 39	26 12	3 14	22 17	1 0	12 26	0 53	18 12	2 11	17 31	0 40	5 49	1 45	23 20	10 4	13 22	13 0	13 47	17 32	5 56
T 18	19 7	8 24	1 2	20 31	0 45	26 6	3 13	22 16	1 3	12 25	0 53	18 12	2 11	17 31	0 40	5 49	1 45	23 20	10 5	13 22	12 59	13 50	17 32	5 56
F 19	19 21	14 54	0n20	20 57	0 51	25 59	3 12	22 15	1 6	12 23	0 53	18 11	2 11	17 31	0 40	5 48	1 45	23 20	10 5	13 22	12 58	13 53	17 32	5 56
S 20	19 35	20 32	1 42	21 23	0 57	25 51	3 11	22 13	1 9	12 21	0 53	18 10	2 11	17 31	0 40	5 48	1 45	23 21	10 5	13 22	12 57	13 56	17 33	5 56
S 21	19 49	24 49	2 57	21 48	1 3	25 43	3 10	22 12	1 12	12 20	0 54	18 9	2 11	17 31	0 40	5 47	1 45	23 21	10 6	13 21	12 56	13 59	17 33	5 56
M22	20 2	27 19	3 58	22 11	1 9	25 35	3 9	22 11	1 15	12 19	0 54	18 8	2 11	17 31	0 40	5 47	1 45	23 21	10 6	13 20	12 55	14 2	17 33	5 56
T 23	20 15	27 52	4 42	22 34	1 15	25 26	3 7	22 9	1 18	12 17	0 54	18 7	2 11	17 31	0 40	5 46	1 45	23 22	10 7	13 19	12 53	14 5	17 33	5 55
W24	20 28	26 34	5 7	22 55	1 20	25 16	3 5	22 7	1 21	12 16	0 54	18 6	2 11	17 31	0 40	5 46	1 45	23 22	10 7	13 18	12 52	14 8	17 33	5 55
T 25	20 40	23 43	5 14	23 15	1 26	25 6	3 3	22 5	1 23	12 14	0 55	18 5	2 10	17 31	0 40	5 46	1 45	23 22	10 7	13 17	12 51	14 11	17 34	5 55
F 26	20 52	19 43	5 4	23 34	1 31	24 55	3 1	22 4	1 26	12 13	0 55	18 4	2 10	17 32	0 40	5 45	1 45	23 23	10 8	13 16	12 50	14 14	17 34	5 55
S 27	21 3	14 56	4 39	23 52	1 36	24 44	2 59	22 2	1 29	12 12	0 55	18 3	2 10	17 32	0 40	5 45	1 45	23 23	10 8	13 16	12 49	14 17	17 34	5 55
S 28	21 14	9 41	4 2	24 9	1 40	24 32	2 56	22 0	1 31	12 11	0 55	18 2	2 10	17 32	0 40	5 44	1 45	23 23	10 8	13 16	12 48	14 20	17 34	5 55
M29	21 25	4 10	3 15	24 24	1 45	24 20	2 54	21 57	1 34	12 10	0 56	18 1	2 10	17 32	0 40	5 44	1 45	23 24	10 9	13 16	12 47	14 23	17 34	5 55
T 30	21s35	1s25	2n19	24s38	1s49	24s 7	2s51	21n55	1n36	12n 9	0n56	18n 0	2s10	17n32	0n40	5n44	1s45	23n24	10n 9	13n17	12n46	14s26	17s34	5n55

Julian Day Number = 2344467.5, Delta T = 12.25 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'52, Lahiri = 19°45'53Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1706
geocentric

DECEMBER 1706 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 37 30	8♐26'09	20♎44	18♐23	25♑ 3	0°R28	0♍39	29°R37	13°R 9	18°R42	23°R 5	5♉14	3♉38	7♏47	29♐55	W 1
T 2	4 41 27	9°27'05	2♏30	19°56	25°58	0♊ 7	0°42	29♉32	13♌ 8	18♈41	23♌ 5	5°R15	3°34	7°53	0♑ 1	T 2
F 3	4 45 23	10°28'02	14°17	21°29	26°51	29♉46	0°45	29°27	13° 7	18°40	23° 5	5°15	3°31	8° 0	0° 7	F 3
S 4	4 49 20	11°29'00	26° 9	23° 1	27°45	29°26	0°47	29°22	13° 7	18°39	23° 4	5°13	3°28	8° 7	0°13	S 4
S 5	4 53 16	12°30'00	8♐ 7	24°34	28°37	29° 6	0°50	29°18	13° 6	18°38	23° 4	5° 8	3°25	8°13	0°19	S 5
M 6	4 57 13	13°31'00	20°14	26° 6	29°29	28°47	0°52	29°13	13° 5	18°37	23° 4	5° 3	3°22	8°20	0°26	M 6
T 7	5 1 9	14°32'01	2♑31	27°38	0♒20	28°29	0°54	29° 8	13° 4	18°37	23° 4	4°55	3°19	8°26	0°32	T 7
W 8	5 5 6	15°33'03	14°59	29°10	1°10	28°11	0°56	29° 4	13° 3	18°36	23° 3	4°48	3°15	8°33	0°38	W 8
T 9	5 9 2	16°34'06	27°39	0♑42	2° 0	27°54	0°58	28°59	13° 2	18°35	23° 3	4°40	3°12	8°40	0°44	T 9
F 10	5 12 59	17°35'09	10♒30	2°14	2°48	27°38	0°59	28°55	13° 1	18°34	23° 2	4°33	3° 9	8°46	0°50	F 10
S 11	5 16 56	18°36'13	23°36	3°45	3°36	27°22	1° 1	28°50	13° 0	18°34	23° 2	4°29	3° 6	8°53	0°56	S 11
S 12	5 20 52	19°37'17	6♓56	5°15	4°23	27° 7	1° 2	28°46	12°58	18°33	23° 1	4°26	3° 3	9° 0	1° 3	S 12
M13	5 24 49	20°38'22	20°32	6°45	5° 9	26°53	1° 3	28°41	12°57	18°32	23° 1	4°D25	3° 0	9° 6	1° 9	M13
T 14	5 28 45	21°39'26	4♈26	8°14	5°54	26°39	1° 3	28°37	12°56	18°32	23° 0	4°26	2°56	9°13	1°15	T 14
W15	5 32 42	22°40'32	18°37	9°42	6°38	26°27	1° 4	28°33	12°55	18°31	23° 0	4°27	2°53	9°20	1°21	W15
T 16	5 36 38	23°41'37	3♉ 5	11° 9	7°20	26°15	1° 4	28°28	12°53	18°31	22°59	4°R27	2°50	9°26	1°28	T 16
F 17	5 40 35	24°42'43	17°46	12°35	8° 2	26° 4	1°R 4	28°24	12°52	18°30	22°59	4°27	2°47	9°33	1°34	F 17
S 18	5 44 31	25°43'49	2♊36	13°59	8°42	25°53	1° 4	28°20	12°50	18°30	22°58	4°24	2°44	9°40	1°40	S 18
S 19	5 48 28	26°44'55	17°27	15°21	9°22	25°44	1° 4	28°16	12°49	18°30	22°57	4°18	2°40	9°46	1°47	S 19
M20	5 52 25	27°46'02	2♋12	16°41	10° 0	25°35	1° 4	28°12	12°47	18°29	22°57	4°11	2°37	9°53	1°53	M20
T 21	5 56 21	28°47'09	16°42	17°59	10°36	25°27	1° 3	28° 8	12°46	18°29	22°56	4° 2	2°34	10° 0	1°59	T 21
W22	6 0 18	29°48'17	0♌51	19°13	11°12	25°20	1° 2	28° 4	12°44	18°29	22°55	3°52	2°31	10° 6	2° 5	W22
T 23	6 4 14	0♑49'25	14°34	20°24	11°46	25°14	1° 1	28° 1	12°42	18°28	22°54	3°43	2°28	10°13	2°12	T 23
F 24	6 8 11	1°50'33	27°50	21°30	12°18	25° 9	1° 0	27°57	12°40	18°28	22°54	3°36	2°25	10°19	2°18	F 24
S 25	6 12 7	2°51'42	10♍40	22°32	12°49	25° 4	0°59	27°54	12°39	18°28	22°53	3°31	2°21	10°26	2°24	S 25
S 26	6 16 4	3°52'51	23° 7	23°28	13°18	25° 1	0°57	27°50	12°37	18°28	22°52	3°29	2°18	10°33	2°31	S 26
M27	6 20 1	4°54'01	5♎15	24°17	13°46	24°58	0°55	27°47	12°35	18°28	22°51	3°D28	2°15	10°39	2°37	M27
T 28	6 23 57	5°55'11	17°11	25° 0	14°11	24°56	0°53	27°43	12°33	18°27	22°50	3°28	2°12	10°46	2°43	T 28
W29	6 27 54	6°56'22	28°59	25°34	14°36	24°54	0°51	27°40	12°31	18°27	22°49	3°R29	2° 9	10°53	2°49	W29
T 30	6 31 50	7°57'32	10♏46	25°59	14°58	24°D54	0°49	27°37	12°29	18°D27	22°48	3°29	2° 6	10°59	2°56	T 30
F 31	6 35 47	8♑58'43	22♏35	26♑14	15♒18	24♉54	0♍46	27♉34	12♌27	18♈27	22♌47	3♉27	2♉ 2	11♏ 6	3♑ 2	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s45	6s54	1n19	24s51	1s53	23s54	2s48	21n53	1n38	12n 8	0n56	17n59	2s10	17n32	0n40	5n43	1s45	23n25	10n 9	13n17	12n45	14s29	17s34	5n54
T 2	21 54	12 7	0 15	25 2	1 57	23 41	2 44	21 51	1 41	12 7	0 56	17 58	2 10	17 33	0 40	5 43	1 45	23 25	10 10	13 18	12 44	14 32	17 34	5 54
F 3	22 3	16 56	0s49	25 13	2 1	23 27	2 41	21 49	1 43	12 7	0 57	17 57	2 10	17 33	0 40	5 43	1 44	23 25	10 10	13 18	12 43	14 35	17 35	5 54
S 4	22 12	21 8	1 52	25 21	2 4	23 13	2 37	21 46	1 45	12 6	0 57	17 57	2 9	17 33	0 40	5 43	1 44	23 26	10 11	13 17	12 42	14 38	17 35	5 54
S 5	22 20	24 29	2 50	25 29	2 7	22 58	2 33	21 44	1 47	12 5	0 57	17 56	2 9	17 33	0 40	5 42	1 44	23 26	10 11	13 15	12 40	14 41	17 35	5 54
M 6	22 28	26 47	3 40	25 34	2 9	22 43	2 28	21 42	1 49	12 5	0 57	17 55	2 9	17 34	0 40	5 42	1 44	23 27	10 11	13 13	12 39	14 44	17 35	5 54
T 7	22 35	27 49	4 22	25 39	2 11	22 27	2 24	21 40	1 51	12 4	0 58	17 54	2 9	17 34	0 40	5 42	1 44	23 27	10 12	13 11	12 38	14 47	17 35	5 54
W 8	22 42	27 27	4 51	25 42	2 13	22 12	2 19	21 37	1 53	12 4	0 58	17 53	2 9	17 34	0 40	5 42	1 44	23 28	10 12	13 8	12 37	14 50	17 35	5 54
T 9	22 48	25 41	5 7	25 43	2 15	21 56	2 14	21 35	1 55	12 3	0 58	17 52	2 9	17 35	0 41	5 41	1 44	23 28	10 12	13 6	12 36	14 53	17 35	5 54
F 10	22 54	22 34	5 7	25 43	2 16	21 39	2 9	21 33	1 56	12 3	0 58	17 51	2 9	17 35	0 41	5 41	1 44	23 29	10 13	13 4	12 35	14 56	17 35	5 54
S 11	22 59	18 16	4 52	25 42	2 16	21 23	2 3	21 31	1 58	12 3	0 59	17 51	2 8	17 35	0 41	5 41	1 44	23 29	10 13	13 2	12 34	14 59	17 35	5 54
S 12	23 4	13 1	4 21	25 39	2 16	21 6	1 58	21 29	2 0	12 3	0 59	17 50	2 8	17 36	0 41	5 41	1 44	23 29	10 13	13 1	12 33	15 2	17 35	5 54
M13	23 9	7 3	3 35	25 34	2 16	20 49	1 51	21 27	2 1	12 3	0 59	17 49	2 8	17 36	0 41	5 41	1 44	23 30	10 14	13 1	12 32	15 5	17 35	5 54
T 14	23 13	0 36	2 35	25 28	2 15	20 32	1 45	21 26	2 3	12 3	0 59	17 48	2 8	17 37	0 41	5 40	1 44	23 30	10 14	13 1	12 31	15 7	17 35	5 54
W15	23 17	6n 0	1 25	25 20	2 13	20 14	1 38	21 24	2 4	12 3	1 0	17 47	2 8	17 37	0 41	5 40	1 44	23 31	10 14	13 1	12 30	15 10	17 35	5 54
T 16	23 20	12 27	0 7	25 11	2 11	19 56	1 31	21 22	2 5	12 3	1 0	17 47	2 8	17 37	0 41	5 40	1 44	23 32	10 15	13 2	12 29	15 13	17 35	5 54
F 17	23 22	18 18	1n11	25 1	2 8	19 39	1 24	21 21	2 6	12 3	1 0	17 46	2 7	17 38	0 41	5 40	1 44	23 32	10 15	13 1	12 27	15 16	17 34	5 54
S 18	23 25	23 6	2 26	24 49	2 5	19 21	1 17	21 20	2 8	12 3	1 0	17 45	2 7	17 38	0 41	5 40	1 44	23 33	10 15	13 0	12 26	15 19	17 34	5 54
S 19	23 26	26 22	3 30	24 35	2 1	19 3	1 9	21 18	2 9	12 4	1 1	17 45	2 7	17 39	0 41	5 40	1 44	23 33	10 16	12 59	12 25	15 22	17 34	5 54
M20	23 28	27 47	4 20	24 21	1 55	18 45	1 1	21 17	2 10	12 4	1 1	17 44	2 7	17 39	0 41	5 40	1 44	23 34	10 16	12 56	12 24	15 25	17 34	5 54
T 21	23 28	27 16	4 52	24 5	1 49	18 27	0 52	21 16	2 11	12 4	1 1	17 43	2 7	17 40	0 41	5 40	1 44	23 34	10 16	12 53	12 23	15 28	17 34	5 54
W22	23 29	24 58	5 5	23 48	1 43	18 9	0 43	21 16	2 12	12 5	1 2	17 43	2 6	17 40	0 41	5 39	1 44	23 35	10 17	12 50	12 22	15 31	17 34	5 54
T 23	23 29	21 16	5 0	23 29	1 35	17 50	0 34	21 15	2 13	12 6	1 2	17 42	2 6	17 41	0 41	5 39	1 43	23 35	10 17	12 47	12 21	15 34	17 34	5 54
F 24	23 28	16 36	4 39	23 10	1 26	17 32	0 25	21 14	2 13	12 6	1 2	17 41	2 6	17 41	0 41	5 39	1 43	23 36	10 17	12 44	12 20	15 37	17 33	5 54
S 25	23 27	11 21	4 4	22 51	1 16	17 14	0 15	21 14	2 14	12 7	1 2	17 41	2 6	17 42	0 41	5 39	1 43	23 36	10 18	12 43	12 19	15 40	17 33	5 54
S 26	23 25	5 47	3 19	22 30	1 5	16 56	0 5	21 14	2 15	12 8	1 3	17 40	2 6	17 42	0 41	5 39	1 43	23 37	10 18	12 42	12 18	15 43	17 33	5 54
M27	23 23	0 8	2 25	22 10	0 53	16 38	0n 5	21 14	2 16	12 9	1 3	17 40	2 5	17 43	0 41	5 39	1 43	23 38	10 18	12 41	12 17	15 46	17 33	5 54
T 28	23 21	5s26	1 26	21 49	0 40	16 21	0 16	21 14	2 16	12 10	1 3	17 39	2 5	17 44	0 41	5 39	1 43	23 38	10 19	12 42	12 15	15 49	17 33	5 54
W29	23 18	10 46	0 24	21 29	0 25	16 3	0 27	21 14	2 17	12 11	1 3	17 39	2 5	17 44	0 41	5 39	1 43	23 39	10 19	12 42	12 14	15 52	17 32	5 55
T 30	23 14	15 42	0s39	21 9	0 10	15 46	0 38	21 14	2 17	12 12	1 4	17 38	2 5	17 45	0 41	5 39	1 43	23 39	10 19	12 42	12 13	15 54	17 32	5 55
F 31	23s10	20s 4	1s40	20s49	0n 7	15s28	0n50	21n15	2n18	12n13	1n 4	17n38	2s 4	17n45	0n41	5n40	1s43	23n40	10n19	12n41	12n12	15s57	17s32	5n55

Julian Day Number = 2344497.5, Delta T = 12.23 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°38'56, Lahiri = 19°45'57Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

JANUARY 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 39 43	9♑59'55	4♐31	26°R18	15♒36	24♉55	0°R44	27°R31	12°R25	18♈27	22°R46	3°R22	1♉59	11♏13	3♑ 8	S 1
S 2	6 43 40	11° 1'06	16°38	26♑11	15°53	24°57	0♍41	27♉28	12♌23	18°28	22♌45	3♉15	1°56	11°19	3°14	S 2
M 3	6 47 36	12° 2'17	28°57	25°53	16° 7	24°59	0°38	27°25	12°21	18°28	22°44	3° 5	1°53	11°26	3°21	M 3
T 4	6 51 33	13° 3'29	11♑30	25°22	16°19	25° 3	0°34	27°22	12°19	18°28	22°43	2°53	1°50	11°33	3°27	T 4
W 5	6 55 30	14° 4'40	24°18	24°40	16°29	25° 7	0°31	27°20	12°16	18°28	22°42	2°40	1°46	11°39	3°33	W 5
T 6	6 59 26	15° 5'51	7♒18	23°47	16°36	25°11	0°27	27°17	12°14	18°28	22°41	2°27	1°43	11°46	3°39	T 6
F 7	7 3 23	16° 7'01	20°31	22°45	16°42	25°17	0°23	27°15	12°12	18°28	22°40	2°15	1°40	11°53	3°46	F 7
S 8	7 7 19	17° 8'11	3♓55	21°34	16°44	25°23	0°19	27°13	12°10	18°29	22°39	2° 6	1°37	11°59	3°52	S 8
S 9	7 11 16	18° 9'20	17°28	20°19	16°R45	25°30	0°15	27°10	12° 7	18°29	22°38	2° 0	1°34	12° 6	3°58	S 9
M10	7 15 12	19°10'28	1♈11	19° 0	16°43	25°37	0°11	27° 8	12° 5	18°29	22°36	1°57	1°31	12°13	4° 4	M10
T 11	7 19 9	20°11'36	15° 2	17°41	16°38	25°46	0° 6	27° 6	12° 3	18°30	22°35	1°56	1°27	12°19	4°10	T 11
W12	7 23 5	21°12'43	29° 3	16°24	16°31	25°54	0° 1	27° 5	12° 0	18°30	22°34	1°56	1°24	12°26	4°16	W12
T 13	7 27 2	22°13'50	13♉13	15°11	16°21	26° 4	29♌57	27° 3	11°58	18°31	22°33	1°55	1°21	12°32	4°22	T 13
F 14	7 30 59	23°14'55	27°30	14° 3	16° 9	26°14	29°51	27° 1	11°55	18°31	22°32	1°53	1°18	12°39	4°28	F 14
S 15	7 34 55	24°16'00	11♊54	13° 3	15°54	26°25	29°46	27° 0	11°53	18°32	22°30	1°49	1°15	12°46	4°34	S 15
S 16	7 38 52	25°17'04	26°18	12°12	15°37	26°36	29°41	26°58	11°51	18°32	22°29	1°41	1°12	12°52	4°40	S 16
M17	7 42 48	26°18'07	10♋39	11°29	15°17	26°48	29°35	26°57	11°48	18°33	22°28	1°31	1° 8	12°59	4°46	M17
T 18	7 46 45	27°19'09	24°50	10°56	14°55	27° 0	29°30	26°56	11°46	18°34	22°26	1°19	1° 5	13° 6	4°52	T 18
W19	7 50 41	28°20'11	8♌46	10°32	14°31	27°13	29°24	26°54	11°43	18°34	22°25	1° 6	1° 2	13°12	4°58	W19
T 20	7 54 38	29°21'12	22°22	10°17	14° 4	27°27	29°18	26°53	11°40	18°35	22°24	0°54	0°59	13°19	5° 4	T 20
F 21	7 58 35	0♒22'12	5♍35	10°D11	13°36	27°41	29°12	26°53	11°38	18°36	22°22	0°43	0°56	13°26	5°10	F 21
S 22	8 2 31	1°23'11	18°25	10°13	13° 6	27°55	29° 6	26°52	11°35	18°36	22°21	0°35	0°52	13°32	5°16	S 22
S 23	8 6 28	2°24'10	0♎53	10°23	12°34	28°10	29° 0	26°51	11°33	18°37	22°20	0°30	0°49	13°39	5°21	S 23
M24	8 10 24	3°25'08	13° 4	10°39	12° 0	28°26	28°53	26°51	11°30	18°38	22°18	0°27	0°46	13°46	5°27	M24
T 25	8 14 21	4°26'05	25° 2	11° 2	11°26	28°42	28°47	26°50	11°28	18°39	22°17	0°26	0°43	13°52	5°33	T 25
W26	8 18 17	5°27'02	6♏52	11°31	10°50	28°58	28°40	26°50	11°25	18°40	22°16	0°26	0°40	13°59	5°39	W26
T 27	8 22 14	6°27'58	18°39	12° 6	10°14	29°15	28°33	26°50	11°22	18°41	22°14	0°26	0°37	14° 6	5°44	T 27
F 28	8 26 10	7°28'54	0♐30	12°45	9°37	29°33	28°26	26°D49	11°20	18°42	22°13	0°24	0°33	14°12	5°50	F 28
S 29	8 30 7	8°29'48	12°29	13°29	9° 0	29°51	28°19	26°50	11°17	18°43	22°11	0°20	0°30	14°19	5°55	S 29
S 30	8 34 3	9°30'42	24°41	14°17	8°23	0♊ 9	28°12	26°50	11°15	18°44	22°10	0°13	0°27	14°25	6° 1	S 30
M31	8 38 0	10♒31'35	7♑ 9	15♑ 8	7♒46	0♊27	28♌ 5	26♉50	11♌12	18♈45	22♌ 8	0♉ 3	0♉24	14♏32	6♑ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 6	23s39	2s37	20s31	0n25	15s12	1n 2	21n16	2n18	12n14	1n 4	17n37	2s 4	17n46	0n41	5n40	1s43	23n41	10n20	12n40	12n11	16s 0	17s32	5n55
S 2	23 1	26 16	3 28	20 15	0 43	14 55	1 15	21 16	2 19	12 15	1 4	17 37	2 4	17 47	0 41	5 40	1 43	23 41	10 20	12 37	12 10	16 3	17 31	5 55
M 3	22 56	27 39	4 10	20 0	1 2	14 39	1 27	21 17	2 19	12 17	1 5	17 36	2 4	17 47	0 41	5 40	1 43	23 42	10 20	12 34	12 9	16 6	17 31	5 55
T 4	22 50	27 39	4 41	19 46	1 21	14 22	1 40	21 19	2 19	12 18	1 5	17 36	2 4	17 48	0 41	5 40	1 43	23 42	10 21	12 30	12 8	16 9	17 31	5 55
W 5	22 44	26 11	4 58	19 35	1 40	14 7	1 54	21 20	2 20	12 20	1 5	17 36	2 3	17 48	0 41	5 40	1 43	23 43	10 21	12 25	12 7	16 12	17 30	5 56
T 6	22 37	23 19	5 0	19 26	1 59	13 52	2 7	21 21	2 20	12 21	1 5	17 35	2 3	17 49	0 41	5 40	1 43	23 44	10 21	12 21	12 6	16 15	17 30	5 56
F 7	22 30	19 12	4 46	19 19	2 17	13 37	2 21	21 23	2 20	12 23	1 6	17 35	2 3	17 50	0 41	5 40	1 43	23 44	10 21	12 17	12 4	16 18	17 30	5 56
S 8	22 23	14 4	4 17	19 13	2 33	13 22	2 35	21 24	2 20	12 24	1 6	17 35	2 3	17 50	0 41	5 40	1 43	23 45	10 22	12 13	12 3	16 20	17 29	5 56
S 9	22 15	8 13	3 32	19 10	2 48	13 9	2 50	21 26	2 20	12 26	1 6	17 35	2 2	17 51	0 41	5 41	1 43	23 46	10 22	12 11	12 2	16 23	17 29	5 56
M10	22 6	1 54	2 35	19 9	3 1	12 55	3 4	21 28	2 20	12 28	1 6	17 34	2 2	17 52	0 42	5 41	1 42	23 46	10 22	12 10	12 1	16 26	17 29	5 56
T 11	21 58	4n35	1 28	19 9	3 11	12 43	3 19	21 30	2 21	12 30	1 7	17 34	2 2	17 52	0 42	5 41	1 42	23 47	10 22	12 10	12 0	16 29	17 28	5 57
W12	21 48	10 55	0 15	19 11	3 19	12 30	3 34	21 32	2 21	12 32	1 7	17 34	2 1	17 53	0 42	5 41	1 42	23 48	10 23	12 10	11 59	16 32	17 28	5 57
T 13	21 39	16 46	0n59	19 14	3 24	12 19	3 49	21 35	2 21	12 34	1 7	17 34	2 1	17 54	0 42	5 41	1 42	23 48	10 23	12 10	11 58	16 35	17 28	5 57
F 14	21 28	21 46	2 11	19 18	3 27	12 8	4 4	21 37	2 21	12 36	1 7	17 34	2 1	17 55	0 42	5 42	1 42	23 49	10 23	12 9	11 57	16 38	17 27	5 57
S 15	21 18	25 28	3 14	19 24	3 28	11 58	4 19	21 40	2 21	12 38	1 8	17 34	2 1	17 55	0 42	5 42	1 42	23 49	10 23	12 7	11 56	16 41	17 27	5 58
S 16	21 7	27 31	4 5	19 30	3 26	11 48	4 35	21 42	2 21	12 40	1 8	17 34	2 0	17 56	0 42	5 42	1 42	23 50	10 24	12 5	11 55	16 43	17 26	5 58
M17	20 56	27 43	4 41	19 37	3 22	11 40	4 50	21 45	2 21	12 42	1 8	17 34	2 0	17 57	0 42	5 42	1 42	23 51	10 24	12 1	11 53	16 46	17 26	5 58
T 18	20 44	26 5	4 58	19 45	3 17	11 32	5 4	21 48	2 21	12 44	1 8	17 34	2 0	17 57	0 42	5 43	1 42	23 51	10 24	11 57	11 52	16 49	17 25	5 58
W19	20 32	22 53	4 57	19 54	3 11	11 25	5 19	21 51	2 20	12 46	1 8	17 34	2 0	17 58	0 42	5 43	1 42	23 52	10 24	11 53	11 51	16 52	17 25	5 59
T 20	20 19	18 29	4 40	20 2	3 3	11 18	5 34	21 54	2 20	12 48	1 9	17 34	1 59	17 59	0 42	5 43	1 42	23 53	10 24	11 48	11 50	16 55	17 24	5 59
F 21	20 6	13 19	4 7	20 11	2 55	11 13	5 48	21 57	2 20	12 51	1 9	17 34	1 59	18 0	0 42	5 44	1 42	23 53	10 25	11 45	11 49	16 58	17 24	5 59
S 22	19 53	7 42	3 23	20 20	2 45	11 8	6 1	22 0	2 20	12 53	1 9	17 34	1 59	18 0	0 42	5 44	1 42	23 54	10 25	11 42	11 48	17 0	17 23	5 59
S 23	19 39	1 56	2 30	20 29	2 35	11 4	6 14	22 4	2 20	12 56	1 9	17 34	1 58	18 1	0 42	5 44	1 42	23 55	10 25	11 40	11 47	17 3	17 23	6 0
M24	19 25	3s47	1 31	20 38	2 25	11 1	6 27	22 7	2 20	12 58	1 10	17 34	1 58	18 2	0 42	5 45	1 42	23 55	10 25	11 39	11 46	17 6	17 22	6 0
T 25	19 11	9 16	0 29	20 47	2 15	10 59	6 39	22 10	2 20	13 0	1 10	17 34	1 58	18 2	0 42	5 45	1 42	23 56	10 25	11 39	11 45	17 9	17 22	6 0
W26	18 56	14 22	0s34	20 55	2 4	10 57	6 51	22 14	2 19	13 3	1 10	17 34	1 58	18 3	0 42	5 46	1 42	23 56	10 25	11 39	11 43	17 12	17 21	6 1
T 27	18 41	18 55	1 35	21 3	1 53	10 56	7 1	22 17	2 19	13 6	1 10	17 35	1 57	18 4	0 42	5 46	1 42	23 57	10 26	11 38	11 42	17 15	17 21	6 1
F 28	18 26	22 46	2 32	21 10	1 42	10 56	7 11	22 21	2 19	13 8	1 10	17 35	1 57	18 5	0 42	5 46	1 41	23 58	10 26	11 38	11 41	17 17	17 20	6 1
S 29	18 10	25 41	3 23	21 17	1 31	10 57	7 20	22 24	2 19	13 11	1 10	17 35	1 57	18 5	0 42	5 47	1 41	23 58	10 26	11 36	11 40	17 20	17 20	6 2
S 30	17 54	27 28	4 6	21 23	1 21	10 58	7 29	22 28	2 18	13 13	1 11	17 35	1 57	18 6	0 42	5 47	1 41	23 59	10 26	11 34	11 39	17 23	17 19	6 2
M31	17s38	27s54	4s37	21s28	1n10	11s 0	7n36	22n32	2n18	13n16	1n11	17n36	1s56	18n 7	0n42	5n48	1s41	24n 0	10n26	11n30	11n38	17s26	17s18	6n 2

Julian Day Number = 2344528.5, Delta T = 12.21 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'00, Lahiri = 19°46'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

FEBRUARY 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 57	11♒32'27	19♉56	16♉ 3	7°R10	0♊47	27°R58	26♋50	11°R 9	18♈46	22°R 7	29°R51	0♋21	14♏39	6♉12	T 1
W 2	8 45 53	12°33'17	3♒ 1	17° 1	6♒34	1° 6	27♌50	26°51	11♌ 7	18°47	22♌ 6	29♈38	0°18	14°45	6°17	W 2
T 3	8 49 50	13°34'07	16°23	18° 2	5°59	1°26	27°43	26°51	11° 4	18°48	22° 4	29°25	0°14	14°52	6°23	T 3
F 4	8 53 46	14°34'55	0♓ 1	19° 5	5°26	1°46	27°35	26°52	11° 1	18°49	22° 3	29°13	0°11	14°59	6°28	F 4
S 5	8 57 43	15°35'42	13°51	20°11	4°54	2° 7	27°28	26°53	10°59	18°51	22° 1	29° 4	0° 8	15° 5	6°33	S 5
S 6	9 1 39	16°36'27	27°48	21°19	4°23	2°28	27°20	26°54	10°56	18°52	22° 0	28°57	0° 5	15°12	6°39	S 6
M 7	9 5 36	17°37'11	11♈51	22°29	3°54	2°49	27°12	26°55	10°54	18°53	21°58	28°54	0° 2	15°19	6°44	M 7
T 8	9 9 32	18°37'53	25°56	23°41	3°28	3°11	27° 5	26°56	10°51	18°55	21°57	28°D53	29♈58	15°25	6°49	T 8
W 9	9 13 29	19°38'34	10♉ 1	24°54	3° 3	3°33	26°57	26°57	10°48	18°56	21°55	28°53	29°55	15°32	6°54	W 9
T 10	9 17 26	20°39'12	24° 7	26°10	2°40	3°55	26°49	26°59	10°46	18°57	21°54	28°R53	29°52	15°39	6°59	T 10
F 11	9 21 22	21°39'50	8♊11	27°27	2°20	4°18	26°41	27° 0	10°43	18°59	21°52	28°52	29°49	15°45	7° 4	F 11
S 12	9 25 19	22°40'25	22°14	28°45	2° 2	4°41	26°33	27° 2	10°41	19° 0	21°51	28°49	29°46	15°52	7° 9	S 12
S 13	9 29 15	23°40'59	6♋13	0♒ 5	1°46	5° 4	26°26	27° 3	10°38	19° 1	21°49	28°43	29°43	15°59	7°14	S 13
M14	9 33 12	24°41'30	20° 6	1°26	1°33	5°28	26°18	27° 5	10°36	19° 3	21°48	28°34	29°39	16° 5	7°19	M14
T 15	9 37 8	25°42'01	3♌49	2°48	1°22	5°52	26°10	27° 7	10°33	19° 4	21°46	28°24	29°36	16°12	7°23	T 15
W16	9 41 5	26°42'29	17°21	4°12	1°14	6°16	26° 2	27° 9	10°31	19° 6	21°45	28°13	29°33	16°19	7°28	W16
T 17	9 45 2	27°42'56	0♍37	5°36	1° 8	6°40	25°54	27°11	10°28	19° 7	21°43	28° 2	29°30	16°25	7°33	T 17
F 18	9 48 58	28°43'21	13°35	7° 2	1° 5	7° 5	25°46	27°13	10°26	19° 9	21°42	27°53	29°27	16°32	7°37	F 18
S 19	9 52 55	29°43'44	26°17	8°29	1°D 4	7°30	25°38	27°16	10°23	19°11	21°40	27°46	29°24	16°38	7°42	S 19
S 20	9 56 51	0♓44'06	8♎41	9°58	1° 6	7°55	25°30	27°18	10°21	19°12	21°39	27°42	29°20	16°45	7°46	S 20
M21	10 0 48	1°44'26	20°50	11°27	1°10	8°21	25°22	27°21	10°18	19°14	21°37	27°40	29°17	16°52	7°51	M21
T 22	10 4 44	2°44'45	2♏47	12°57	1°16	8°46	25°15	27°24	10°16	19°16	21°36	27°D40	29°14	16°58	7°55	T 22
W23	10 8 41	3°45'03	14°38	14°29	1°25	9°12	25° 7	27°26	10°14	19°17	21°35	27°40	29°11	17° 5	7°59	W23
T 24	10 12 37	4°45'19	26°26	16° 1	1°36	9°38	24°59	27°29	10°11	19°19	21°33	27°42	29° 8	17°12	8° 4	T 24
F 25	10 16 34	5°45'33	8♐17	17°35	1°49	10° 5	24°51	27°32	10° 9	19°21	21°32	27°R42	29° 4	17°18	8° 8	F 25
S 26	10 20 30	6°45'46	20°17	19° 9	2° 4	10°31	24°44	27°35	10° 7	19°23	21°30	27°41	29° 1	17°25	8°12	S 26
S 27	10 24 27	7°45'58	2♑30	20°45	2°21	10°58	24°36	27°38	10° 4	19°24	21°29	27°38	28°58	17°32	8°16	S 27
M28	10 28 24	8♓46'08	15♑ 1	22♒21	2♒40	11♊25	24♌29	27♋42	10♌ 2	19♈26	21♌27	27♈32	28♈55	17♏38	8♑20	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s21	26s53	4s56	21s32	1n 0	11s 3	7n43	22n36	2n18	13n19	1n11	17n36	1s56	18n 8	0n42	5n48	1s41	24n 0	10n26	11n26	11n37	17s29	17s18	6n 3
W 2	17 4	24 23	5 0	21 35	0 49	11 6	7 48	22 39	2 18	13 21	1 11	17 37	1 56	18 8	0 42	5 49	1 41	24 1	10 26	11 22	11 36	17 31	17 17	6 3
T 3	16 47	20 31	4 48	21 37	0 39	11 10	7 53	22 43	2 17	13 24	1 11	17 37	1 55	18 9	0 42	5 49	1 41	24 1	10 27	11 17	11 35	17 34	17 17	6 3
F 4	16 29	15 31	4 19	21 38	0 29	11 14	7 57	22 47	2 17	13 27	1 11	17 37	1 55	18 10	0 42	5 50	1 41	24 2	10 27	11 13	11 33	17 37	17 16	6 4
S 5	16 11	9 40	3 35	21 38	0 19	11 18	8 0	22 51	2 17	13 30	1 12	17 38	1 55	18 11	0 42	5 50	1 41	24 3	10 27	11 10	11 32	17 40	17 15	6 4
S 6	15 53	3 16	2 37	21 37	0 10	11 23	8 2	22 55	2 16	13 32	1 12	17 38	1 55	18 11	0 42	5 51	1 41	24 3	10 27	11 7	11 31	17 42	17 15	6 4
M 7	15 35	3n19	1 29	21 35	0 1	11 29	8 3	22 59	2 16	13 35	1 12	17 39	1 54	18 12	0 42	5 51	1 41	24 4	10 27	11 6	11 30	17 45	17 14	6 5
T 8	15 16	9 47	0 16	21 32	0s 8	11 35	8 3	23 3	2 16	13 38	1 12	17 39	1 54	18 13	0 42	5 52	1 41	24 4	10 27	11 6	11 29	17 48	17 13	6 5
W 9	14 57	15 47	0n59	21 28	0 17	11 41	8 2	23 7	2 15	13 41	1 12	17 40	1 54	18 13	0 42	5 52	1 41	24 5	10 27	11 6	11 28	17 51	17 13	6 6
T 10	14 38	20 56	2 10	21 22	0 25	11 47	8 1	23 11	2 15	13 44	1 12	17 40	1 53	18 14	0 42	5 53	1 41	24 6	10 27	11 6	11 27	17 54	17 12	6 6
F 11	14 18	24 53	3 13	21 15	0 34	11 53	7 59	23 15	2 15	13 46	1 12	17 41	1 53	18 15	0 42	5 53	1 41	24 6	10 27	11 5	11 26	17 56	17 11	6 7
S 12	13 59	27 19	4 4	21 7	0 42	12 0	7 56	23 19	2 14	13 49	1 12	17 42	1 53	18 15	0 42	5 54	1 41	24 7	10 27	11 4	11 24	17 59	17 11	6 7
S 13	13 39	28 0	4 40	20 58	0 49	12 6	7 53	23 23	2 14	13 52	1 13	17 42	1 53	18 16	0 42	5 55	1 41	24 7	10 28	11 2	11 23	18 2	17 10	6 7
M14	13 19	26 55	5 0	20 48	0 56	12 13	7 49	23 27	2 14	13 55	1 13	17 43	1 52	18 17	0 42	5 55	1 41	24 8	10 28	10 59	11 22	18 5	17 9	6 8
T 15	12 58	24 13	5 2	20 36	1 3	12 20	7 44	23 30	2 13	13 58	1 13	17 44	1 52	18 18	0 42	5 56	1 41	24 8	10 28	10 55	11 21	18 7	17 9	6 8
W16	12 38	20 13	4 47	20 23	1 10	12 26	7 39	23 34	2 13	14 0	1 13	17 44	1 52	18 18	0 42	5 56	1 41	24 9	10 28	10 51	11 20	18 10	17 8	6 9
T 17	12 17	15 16	4 16	20 8	1 16	12 33	7 34	23 38	2 13	14 3	1 13	17 45	1 52	18 19	0 42	5 57	1 41	24 10	10 28	10 48	11 19	18 13	17 7	6 9
F 18	11 56	9 44	3 33	19 52	1 23	12 40	7 28	23 42	2 12	14 6	1 13	17 46	1 51	18 20	0 42	5 58	1 40	24 10	10 28	10 44	11 18	18 16	17 7	6 10
S 19	11 35	3 56	2 40	19 35	1 28	12 46	7 21	23 46	2 12	14 9	1 13	17 47	1 51	18 20	0 42	5 58	1 40	24 11	10 28	10 42	11 17	18 18	17 6	6 10
S 20	11 14	1s55	1 40	19 17	1 34	12 52	7 15	23 50	2 11	14 11	1 13	17 48	1 51	18 21	0 42	5 59	1 40	24 11	10 28	10 40	11 15	18 21	17 5	6 11
M21	10 52	7 35	0 37	18 57	1 39	12 58	7 8	23 53	2 11	14 14	1 13	17 48	1 50	18 22	0 42	6 0	1 40	24 12	10 28	10 40	11 14	18 24	17 4	6 11
T 22	10 31	12 54	0s28	18 36	1 43	13 4	7 0	23 57	2 11	14 17	1 13	17 49	1 50	18 22	0 42	6 0	1 40	24 12	10 28	10 39	11 13	18 26	17 4	6 12
W23	10 9	17 41	1 30	18 14	1 48	13 10	6 53	24 1	2 10	14 19	1 13	17 50	1 50	18 23	0 42	6 1	1 40	24 13	10 28	10 40	11 12	18 29	17 3	6 12
T 24	9 47	21 48	2 29	17 50	1 52	13 15	6 45	24 4	2 10	14 22	1 13	17 51	1 50	18 23	0 42	6 2	1 40	24 13	10 28	10 40	11 11	18 32	17 2	6 13
F 25	9 25	25 2	3 21	17 25	1 55	13 20	6 37	24 8	2 9	14 25	1 13	17 52	1 49	18 24	0 42	6 2	1 40	24 14	10 28	10 40	11 10	18 35	17 1	6 13
S 26	9 3	27 12	4 5	16 59	1 59	13 25	6 29	24 11	2 9	14 27	1 13	17 53	1 49	18 25	0 42	6 3	1 40	24 14	10 28	10 40	11 9	18 37	17 1	6 14
S 27	8 40	28 6	4 39	16 31	2 2	13 29	6 20	24 15	2 8	14 30	1 13	17 54	1 49	18 25	0 42	6 4	1 40	24 15	10 28	10 39	11 8	18 40	17 0	6 14
M28	8s18	27s37	5s 1	16s 2	2s 4	13s33	6n12	24n18	2n 8	14n32	1n14	17n55	1s49	18n26	0n42	6n 4	1s40	24n15	10n28	10n37	11n 6	18s43	16s59	6n15

Julian Day Number = 2344559.5, Delta T = 12.19 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'05, Lahiri = 19°46'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

MARCH 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 32 20	9♓46'16	27♉53	23♒59	3♒ 1	11♊52	24°R21	27♋45	10°R 0	19♈28	21°R26	27°R25	28♈52	17♏45	8♑24	T 1
W 2	10 36 17	10°46'23	11♒ 8	25°38	3°24	12°20	24♌14	27°49	9♌58	19°30	21♌25	27♈17	28°49	17°52	8°28	W 2
T 3	10 40 13	11°46'27	24°45	27°18	3°49	12°47	24° 7	27°52	9°56	19°32	21°23	27° 9	28°45	17°58	8°31	T 3
F 4	10 44 10	12°46'30	8♓43	28°59	4°15	13°15	24° 0	27°56	9°54	19°34	21°22	27° 2	28°42	18° 5	8°35	F 4
S 5	10 48 6	13°46'31	22°56	0♓41	4°43	13°43	23°52	28° 0	9°52	19°35	21°21	26°56	28°39	18°12	8°39	S 5
S 6	10 52 3	14°46'31	7♈21	2°24	5°13	14°11	23°45	28° 3	9°50	19°37	21°19	26°53	28°36	18°18	8°42	S 6
M 7	10 55 59	15°46'28	21°50	4° 9	5°44	14°40	23°39	28° 7	9°48	19°39	21°18	26°D51	28°33	18°25	8°46	M 7
T 8	10 59 56	16°46'23	6♉20	5°54	6°16	15° 8	23°32	28°11	9°46	19°41	21°17	26°51	28°30	18°32	8°49	T 8
W 9	11 3 53	17°46'15	20°44	7°41	6°50	15°37	23°25	28°15	9°44	19°43	21°15	26°53	28°26	18°38	8°53	W 9
T 10	11 7 49	18°46'06	5♊ 0	9°29	7°25	16° 6	23°18	28°20	9°42	19°45	21°14	26°54	28°23	18°45	8°56	T 10
F 11	11 11 46	19°45'55	19° 6	11°18	8° 2	16°35	23°12	28°24	9°40	19°47	21°13	26°R55	28°20	18°52	8°59	F 11
S 12	11 15 42	20°45'41	3♋ 2	13° 8	8°39	17° 4	23° 6	28°28	9°38	19°49	21°11	26°54	28°17	18°58	9° 2	S 12
S 13	11 19 39	21°45'25	16°45	15° 0	9°18	17°34	23° 0	28°33	9°37	19°51	21°10	26°52	28°14	19° 5	9° 5	S 13
M14	11 23 35	22°45'06	0♌16	16°52	9°58	18° 3	22°53	28°37	9°35	19°53	21° 9	26°48	28°10	19°12	9° 8	M14
T 15	11 27 32	23°44'45	13°35	18°46	10°40	18°33	22°48	28°42	9°33	19°55	21° 8	26°43	28° 7	19°18	9°11	T 15
W16	11 31 28	24°44'22	26°40	20°41	11°22	19° 2	22°42	28°47	9°32	19°57	21° 6	26°37	28° 4	19°25	9°14	W16
T 17	11 35 25	25°43'57	9♍33	22°37	12° 5	19°32	22°36	28°52	9°30	20° 0	21° 5	26°32	28° 1	19°31	9°17	T 17
F 18	11 39 22	26°43'30	22°12	24°34	12°49	20° 2	22°31	28°57	9°28	20° 2	21° 4	26°28	27°58	19°38	9°19	F 18
S 19	11 43 18	27°43'00	4♎37	26°32	13°34	20°33	22°25	29° 2	9°27	20° 4	21° 3	26°24	27°55	19°45	9°22	S 19
S 20	11 47 15	28°42'29	16°51	28°32	14°20	21° 3	22°20	29° 7	9°25	20° 6	21° 2	26°23	27°51	19°51	9°24	S 20
M21	11 51 11	29°41'55	28°54	0♈32	15° 7	21°33	22°15	29°12	9°24	20° 8	21° 1	26°D22	27°48	19°58	9°27	M21
T 22	11 55 8	0♈41'20	10♏49	2°33	15°55	22° 4	22°10	29°17	9°23	20°10	21° 0	26°23	27°45	20° 5	9°29	T 22
W23	11 59 4	1°40'43	22°39	4°34	16°44	22°35	22° 5	29°22	9°21	20°12	20°59	26°24	27°42	20°11	9°31	W23
T 24	12 3 1	2°40'04	4♐27	6°37	17°33	23° 5	22° 1	29°28	9°20	20°15	20°58	26°26	27°39	20°18	9°34	T 24
F 25	12 6 57	3°39'23	16°18	8°39	18°23	23°36	21°56	29°33	9°19	20°17	20°57	26°28	27°35	20°25	9°36	F 25
S 26	12 10 54	4°38'41	28°18	10°42	19°14	24° 7	21°52	29°39	9°18	20°19	20°56	26°29	27°32	20°31	9°38	S 26
S 27	12 14 51	5°37'57	10♑29	12°45	20° 6	24°38	21°48	29°44	9°17	20°21	20°55	26°R29	27°29	20°38	9°40	S 27
M28	12 18 47	6°37'11	22°58	14°47	20°58	25°10	21°44	29°50	9°16	20°23	20°54	26°28	27°26	20°45	9°41	M28
T 29	12 22 44	7°36'23	5♒49	16°48	21°51	25°41	21°40	29°56	9°14	20°26	20°53	26°26	27°23	20°51	9°43	T 29
W30	12 26 40	8°35'33	19° 3	18°49	22°44	26°13	21°37	0♊ 1	9°14	20°28	20°52	26°24	27°20	20°58	9°45	W30
T 31	12 30 37	9♈34'41	2♓44	20♈48	23♒38	26♊44	21♌33	0♊ 7	9♌13	20♈30	20♌51	26♈22	27♈16	21♏ 5	9♑47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s55	25s39	5s 8	15s32	2s 6	13s37	6n 3	24n22	2n 8	14n35	1n14	17n56	1s48	18n26	0n42	6n 5	1s40	24n16	10n28	10n34	11n 5	18s45	16s58	6n15
W 2	7 32	22 15	4 59	15 0	2 8	13 41	5 54	24 25	2 7	14 37	1 14	17 57	1 48	18 27	0 42	6 6	1 40	24 16	10 28	10 32	11 4	18 48	16 58	6 16
T 3	7 10	17 35	4 33	14 27	2 9	13 44	5 46	24 28	2 7	14 40	1 14	17 58	1 48	18 28	0 42	6 7	1 40	24 16	10 28	10 29	11 3	18 51	16 57	6 16
F 4	6 47	11 53	3 51	13 53	2 10	13 46	5 37	24 31	2 6	14 42	1 14	17 59	1 48	18 28	0 42	6 7	1 40	24 17	10 28	10 26	11 2	18 53	16 56	6 17
S 5	6 23	5 27	2 53	13 17	2 11	13 48	5 28	24 34	2 6	14 45	1 14	18 0	1 47	18 29	0 42	6 8	1 40	24 17	10 28	10 24	11 1	18 56	16 55	6 17
S 6	6 0	1n20	1 44	12 40	2 11	13 50	5 19	24 37	2 6	14 47	1 14	18 1	1 47	18 29	0 42	6 9	1 40	24 18	10 28	10 23	11 0	18 59	16 54	6 18
M 7	5 37	8 6	0 27	12 2	2 10	13 51	5 10	24 40	2 5	14 49	1 14	18 2	1 47	18 30	0 42	6 10	1 40	24 18	10 28	10 22	10 59	19 1	16 54	6 18
T 8	5 14	14 28	0n51	11 22	2 9	13 52	5 1	24 43	2 5	14 51	1 14	18 4	1 47	18 30	0 42	6 10	1 40	24 18	10 28	10 22	10 57	19 4	16 53	6 19
W 9	4 50	20 0	2 6	10 41	2 8	13 52	4 53	24 46	2 4	14 54	1 14	18 5	1 46	18 31	0 42	6 11	1 40	24 19	10 28	10 23	10 56	19 7	16 52	6 20
T 10	4 27	24 19	3 13	9 59	2 6	13 52	4 44	24 48	2 4	14 56	1 13	18 6	1 46	18 31	0 42	6 12	1 40	24 19	10 28	10 23	10 55	19 9	16 51	6 20
F 11	4 4	27 8	4 7	9 15	2 4	13 52	4 35	24 51	2 3	14 58	1 13	18 7	1 46	18 32	0 42	6 13	1 40	24 20	10 27	10 23	10 54	19 12	16 51	6 21
S 12	3 40	28 12	4 45	8 30	2 1	13 51	4 26	24 53	2 3	15 0	1 13	18 8	1 46	18 32	0 42	6 13	1 40	24 20	10 27	10 23	10 53	19 15	16 50	6 21
S 13	3 16	27 30	5 7	7 44	1 58	13 49	4 17	24 56	2 3	15 2	1 13	18 9	1 45	18 33	0 41	6 14	1 40	24 20	10 27	10 22	10 52	19 17	16 49	6 22
M14	2 53	25 11	5 11	6 57	1 54	13 47	4 8	24 58	2 2	15 4	1 13	18 11	1 45	18 33	0 41	6 15	1 40	24 21	10 27	10 21	10 51	19 20	16 48	6 22
T 15	2 29	21 32	4 58	6 8	1 50	13 45	4 0	25 0	2 2	15 6	1 13	18 12	1 45	18 33	0 41	6 16	1 40	24 21	10 27	10 19	10 49	19 22	16 47	6 23
W16	2 6	16 52	4 30	5 18	1 45	13 42	3 51	25 2	2 1	15 8	1 13	18 13	1 45	18 34	0 41	6 17	1 40	24 21	10 27	10 17	10 48	19 25	16 47	6 24
T 17	1 42	11 32	3 49	4 28	1 40	13 38	3 42	25 4	2 1	15 9	1 13	18 14	1 44	18 34	0 41	6 17	1 40	24 22	10 27	10 15	10 47	19 28	16 46	6 24
F 18	1 18	5 48	2 56	3 36	1 34	13 34	3 34	25 6	2 0	15 11	1 13	18 16	1 44	18 35	0 41	6 18	1 40	24 22	10 27	10 14	10 46	19 30	16 45	6 25
S 19	0 55	0s 4	1 57	2 43	1 27	13 30	3 25	25 8	2 0	15 13	1 13	18 17	1 44	18 35	0 41	6 19	1 40	24 22	10 27	10 12	10 45	19 33	16 44	6 25
S 20	0 31	5 50	0 52	1 49	1 20	13 25	3 17	25 10	1 59	15 14	1 13	18 18	1 44	18 35	0 41	6 20	1 40	24 22	10 27	10 12	10 44	19 36	16 44	6 26
M21	0 7	11 19	0s14	0 54	1 13	13 19	3 9	25 11	1 59	15 16	1 13	18 20	1 44	18 36	0 41	6 21	1 40	24 23	10 26	10 12	10 43	19 38	16 43	6 27
T 22	0n16	16 20	1 19	0n 2	1 4	13 13	3 0	25 13	1 59	15 18	1 13	18 21	1 43	18 36	0 41	6 22	1 40	24 23	10 26	10 12	10 41	19 41	16 42	6 27
W23	0 40	20 43	2 20	0 58	0 56	13 7	2 52	25 14	1 58	15 19	1 13	18 22	1 43	18 36	0 41	6 22	1 40	24 23	10 26	10 12	10 40	19 43	16 41	6 28
T 24	1 4	24 15	3 15	1 55	0 47	13 0	2 44	25 15	1 58	15 20	1 13	18 24	1 43	18 37	0 41	6 23	1 40	24 23	10 26	10 13	10 39	19 46	16 40	6 29
F 25	1 27	26 47	4 2	2 52	0 37	12 52	2 36	25 17	1 57	15 22	1 13	18 25	1 43	18 37	0 41	6 24	1 40	24 24	10 26	10 14	10 38	19 48	16 40	6 29
S 26	1 51	28 7	4 38	3 49	0 27	12 44	2 28	25 18	1 57	15 23	1 13	18 26	1 42	18 37	0 41	6 25	1 40	24 24	10 26	10 14	10 37	19 51	16 39	6 30
S 27	2 14	28 6	5 4	4 47	0 17	12 35	2 20	25 18	1 56	15 24	1 12	18 28	1 42	18 38	0 41	6 26	1 39	24 24	10 26	10 14	10 36	19 54	16 38	6 30
M28	2 38	26 42	5 15	5 44	0 6	12 26	2 13	25 19	1 56	15 26	1 12	18 29	1 42	18 38	0 41	6 27	1 39	24 24	10 26	10 14	10 35	19 56	16 37	6 31
T 29	3 1	23 53	5 11	6 41	0n 5	12 17	2 5	25 20	1 55	15 27	1 12	18 31	1 42	18 38	0 41	6 27	1 39	24 24	10 25	10 13	10 33	19 59	16 37	6 32
W30	3 25	19 45	4 51	7 38	0 16	12 6	1 58	25 20	1 55	15 28	1 12	18 32	1 42	18 38	0 41	6 28	1 39	24 25	10 25	10 12	10 32	20 1	16 36	6 32
T 31	3n48	14s28	4s15	8n34	0n28	11s56	1n50	25n21	1n54	15n29	1n12	18n33	1s41	18n38	0n41	6n29	1s39	24n25	10n25	10n11	10n31	20s 4	16s35	6n33

Julian Day Number = 2344587.5, Delta T = 12.17 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'09, Lahiri = 19°46'09Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1707
geocentric

APRIL 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 34 33	10♈33'48	16♓49	22♈46	24♒32	27♊16	21°R30	0♊13	9°R12	20♈32	20°R50	26°R19	27♈13	21♏11	9♑48	F 1
S 2	12 38 30	11°32'53	1♈16	24°41	25°28	27°48	21♌27	0°19	9♌11	20°35	20♌49	26♈18	27°10	21°18	9°49	S 2
S 3	12 42 26	12°31'55	16° 0	26°34	26°23	28°19	21°24	0°25	9°10	20°37	20°48	26°17	27° 7	21°25	9°51	S 3
M 4	12 46 23	13°30'56	0♉53	28°24	27°19	28°51	21°22	0°31	9° 9	20°39	20°47	26°D17	27° 4	21°31	9°52	M 4
T 5	12 50 20	14°29'54	15°47	0♉11	28°16	29°23	21°19	0°37	9° 9	20°41	20°47	26°17	27° 1	21°38	9°53	T 5
W 6	12 54 16	15°28'50	0♊36	1°55	29°13	29°56	21°17	0°44	9° 8	20°44	20°46	26°18	26°57	21°45	9°54	W 6
T 7	12 58 13	16°27'45	15°12	3°34	0♓10	0♋28	21°15	0°50	9° 8	20°46	20°45	26°19	26°54	21°51	9°55	T 7
F 8	13 2 9	17°26'37	29°32	5°10	1° 8	1° 0	21°13	0°56	9° 7	20°48	20°45	26°20	26°51	21°58	9°56	F 8
S 9	13 6 6	18°25'26	13♋33	6°41	2° 7	1°33	21°11	1° 3	9° 7	20°50	20°44	26°R20	26°48	22° 5	9°57	S 9
S 10	13 10 2	19°24'13	27°13	8° 7	3° 5	2° 5	21° 9	1° 9	9° 6	20°53	20°43	26°20	26°45	22°11	9°58	S 10
M11	13 13 59	20°22'58	10♌34	9°28	4° 4	2°38	21° 8	1°16	9° 6	20°55	20°43	26°20	26°41	22°18	9°58	M11
T 12	13 17 55	21°21'41	23°37	10°45	5° 4	3°10	21° 7	1°22	9° 6	20°57	20°42	26°19	26°38	22°25	9°59	T 12
W13	13 21 52	22°20'21	6♍24	11°56	6° 4	3°43	21° 6	1°29	9° 5	20°59	20°41	26°19	26°35	22°31	10° 0	W13
T 14	13 25 49	23°18'59	18°57	13° 2	7° 4	4°16	21° 5	1°36	9° 5	21° 2	20°41	26°18	26°32	22°38	10° 0	T 14
F 15	13 29 45	24°17'35	1♎17	14° 2	8° 4	4°49	21° 4	1°42	9° 5	21° 4	20°40	26°18	26°29	22°45	10° 0	F 15
S 16	13 33 42	25°16'09	13°27	14°57	9° 5	5°22	21° 4	1°49	9° 5	21° 6	20°40	26°18	26°26	22°51	10° 0	S 16
S 17	13 37 38	26°14'41	25°29	15°46	10° 6	5°55	21° 4	1°56	9°D 5	21° 8	20°39	26°18	26°22	22°58	10° 1	S 17
M18	13 41 35	27°13'11	7♏25	16°30	11° 8	6°28	21°D 4	2° 3	9° 5	21°11	20°39	26°18	26°19	23° 5	10°R 1	M18
T 19	13 45 31	28°11'39	19°16	17° 7	12° 9	7° 1	21° 4	2°10	9° 5	21°13	20°39	26°18	26°16	23°11	10° 1	T 19
W20	13 49 28	29°10'06	1♐ 4	17°39	13°12	7°34	21° 4	2°17	9° 5	21°15	20°38	26°17	26°13	23°18	10° 1	W20
T 21	13 53 24	0♑ 8'31	12°54	18° 5	14°14	8° 8	21° 4	2°24	9° 5	21°17	20°38	26°17	26°10	23°24	10° 0	T 21
F 22	13 57 21	1° 6'54	24°47	18°25	15°16	8°41	21° 5	2°31	9° 6	21°20	20°37	26°16	26° 7	23°31	10° 0	F 22
S 23	14 1 18	2° 5'15	6♑48	18°40	16°19	9°14	21° 6	2°38	9° 6	21°22	20°37	26°16	26° 3	23°38	10° 0	S 23
S 24	14 5 14	3° 3'35	18°59	18°48	17°22	9°48	21° 7	2°45	9° 6	21°24	20°37	26°15	26° 0	23°44	9°59	S 24
M25	14 9 11	4° 1'54	1♒26	18°R51	18°26	10°21	21° 8	2°52	9° 7	21°26	20°37	26°D15	25°57	23°51	9°59	M25
T 26	14 13 7	5° 0'11	14°12	18°49	19°29	10°55	21°10	2°59	9° 7	21°29	20°36	26°15	25°54	23°58	9°58	T 26
W27	14 17 4	5°58'26	27°21	18°41	20°33	11°29	21°11	3° 6	9° 8	21°31	20°36	26°16	25°51	24° 4	9°57	W27
T 28	14 21 0	6°56'39	10♓55	18°29	21°37	12° 2	21°13	3°14	9° 8	21°33	20°36	26°16	25°47	24°11	9°57	T 28
F 29	14 24 57	7°54'52	24°56	18°12	22°42	12°36	21°15	3°21	9° 9	21°35	20°36	26°17	25°44	24°18	9°56	F 29
S 30	14 28 53	8♉53'02	9♈22	17♉50	23♓46	13♋10	21♌17	3♊28	9♌ 9	21♈37	20♌36	26♈18	25♈41	24♏24	9♑55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n11	8s18	3s21	9n29	0n39	11s45	1n43	25n21	1n54	15n30	1n12	18n35	1s41	18n39	0n41	6n30	1s39	24n25	10n25	10n11	10n30	20s 6	16s34	6n34
S 2	4 34	1 33	2 14	10 22	0 51	11 33	1 36	25 21	1 54	15 31	1 12	18 36	1 41	18 39	0 41	6 31	1 39	24 25	10 25	10 10	10 29	20 9	16 34	6 34
S 3	4 58	5n26	0 57	11 14	1 2	11 21	1 28	25 21	1 53	15 31	1 12	18 38	1 41	18 39	0 41	6 32	1 39	24 25	10 25	10 10	10 28	20 12	16 33	6 35
M 4	5 21	12 12	0n25	12 5	1 14	11 9	1 21	25 21	1 53	15 32	1 12	18 39	1 41	18 39	0 41	6 32	1 39	24 25	10 24	10 10	10 27	20 14	16 32	6 36
T 5	5 43	18 17	1 46	12 53	1 25	10 56	1 15	25 21	1 52	15 33	1 11	18 41	1 40	18 39	0 41	6 33	1 39	24 25	10 24	10 10	10 25	20 17	16 32	6 36
W 6	6 6	23 14	2 59	13 39	1 36	10 42	1 8	25 21	1 52	15 33	1 11	18 42	1 40	18 39	0 41	6 34	1 39	24 25	10 24	10 10	10 24	20 19	16 31	6 37
T 7	6 29	26 37	3 59	14 24	1 46	10 29	1 1	25 20	1 51	15 34	1 11	18 44	1 40	18 40	0 41	6 35	1 39	24 25	10 24	10 10	10 23	20 22	16 30	6 37
F 8	6 52	28 12	4 43	15 5	1 56	10 14	0 55	25 19	1 51	15 35	1 11	18 45	1 40	18 40	0 41	6 36	1 39	24 25	10 24	10 11	10 22	20 24	16 29	6 38
S 9	7 14	27 55	5 9	15 45	2 6	10 0	0 48	25 19	1 50	15 35	1 11	18 47	1 40	18 40	0 41	6 37	1 39	24 26	10 24	10 11	10 21	20 27	16 29	6 39
S 10	7 36	25 56	5 17	16 21	2 14	9 45	0 42	25 18	1 50	15 35	1 11	18 48	1 40	18 40	0 41	6 38	1 39	24 26	10 23	10 11	10 20	20 29	16 28	6 39
M11	7 59	22 33	5 8	16 55	2 23	9 29	0 35	25 17	1 50	15 36	1 11	18 50	1 39	18 40	0 41	6 38	1 39	24 26	10 23	10 11	10 19	20 32	16 27	6 40
T 12	8 21	18 6	4 42	17 27	2 30	9 13	0 29	25 16	1 49	15 36	1 11	18 51	1 39	18 40	0 41	6 39	1 39	24 26	10 23	10 10	10 17	20 34	16 27	6 41
W13	8 43	12 56	4 3	17 55	2 36	8 57	0 23	25 14	1 49	15 36	1 11	18 53	1 39	18 40	0 41	6 40	1 39	24 26	10 23	10 10	10 16	20 37	16 26	6 41
T 14	9 4	7 20	3 13	18 21	2 42	8 40	0 17	25 13	1 48	15 36	1 10	18 54	1 39	18 40	0 41	6 41	1 39	24 26	10 23	10 10	10 15	20 39	16 25	6 42
F 15	9 26	1 33	2 15	18 43	2 46	8 23	0 12	25 11	1 48	15 36	1 10	18 56	1 39	18 40	0 41	6 42	1 39	24 26	10 22	10 10	10 14	20 42	16 25	6 43
S 16	9 48	4s14	1 11	19 3	2 50	8 5	0 6	25 9	1 47	15 36	1 10	18 57	1 39	18 40	0 41	6 43	1 39	24 26	10 22	10 10	10 13	20 44	16 24	6 43
S 17	10 9	9 48	0 4	19 20	2 53	7 47	0 0	25 8	1 47	15 36	1 10	18 59	1 38	18 40	0 41	6 43	1 39	24 26	10 22	10 10	10 12	20 47	16 23	6 44
M18	10 30	14 58	1s 1	19 34	2 54	7 29	0s 5	25 6	1 46	15 36	1 10	19 0	1 38	18 40	0 40	6 44	1 39	24 26	10 22	10 10	10 11	20 49	16 23	6 45
T 19	10 51	19 34	2 4	19 46	2 54	7 10	0 10	25 3	1 46	15 36	1 10	19 2	1 38	18 40	0 40	6 45	1 39	24 25	10 22	10 10	10 9	20 52	16 22	6 45
W20	11 12	23 22	3 1	19 54	2 54	6 51	0 16	25 1	1 45	15 36	1 10	19 3	1 38	18 40	0 40	6 46	1 39	24 25	10 21	10 10	10 8	20 54	16 21	6 46
T 21	11 32	26 12	3 51	19 59	2 51	6 32	0 21	24 59	1 45	15 36	1 9	19 5	1 38	18 40	0 40	6 47	1 39	24 25	10 21	10 10	10 7	20 56	16 21	6 46
F 22	11 53	27 53	4 31	20 2	2 48	6 12	0 26	24 56	1 45	15 35	1 9	19 6	1 38	18 40	0 40	6 48	1 39	24 25	10 21	10 9	10 6	20 59	16 20	6 47
S 23	12 13	28 17	4 59	20 1	2 44	5 53	0 31	24 53	1 44	15 35	1 9	19 8	1 37	18 40	0 40	6 48	1 40	24 25	10 21	10 9	10 5	21 1	16 20	6 48
S 24	12 33	27 19	5 15	19 58	2 38	5 32	0 35	24 50	1 44	15 34	1 9	19 9	1 37	18 39	0 40	6 49	1 40	24 25	10 21	10 9	10 4	21 4	16 19	6 48
M25	12 53	25 0	5 16	19 52	2 31	5 12	0 40	24 47	1 43	15 34	1 9	19 11	1 37	18 39	0 40	6 50	1 40	24 25	10 20	10 9	10 2	21 6	16 18	6 49
T 26	13 13	21 24	5 2	19 44	2 22	4 51	0 44	24 44	1 43	15 33	1 9	19 12	1 37	18 39	0 40	6 51	1 40	24 25	10 20	10 9	10 1	21 9	16 18	6 50
W27	13 32	16 40	4 32	19 32	2 12	4 30	0 49	24 41	1 42	15 33	1 9	19 14	1 37	18 39	0 40	6 52	1 40	24 25	10 20	10 9	10 0	21 11	16 17	6 50
T 28	13 51	10 58	3 46	19 18	2 2	4 8	0 53	24 37	1 42	15 32	1 8	19 15	1 37	18 39	0 40	6 53	1 40	24 24	10 20	10 9	9 59	21 13	16 17	6 51
F 29	14 10	4 33	2 45	19 2	1 50	3 47	0 57	24 34	1 41	15 31	1 8	19 17	1 37	18 39	0 40	6 53	1 40	24 24	10 19	10 10	9 58	21 16	16 16	6 51
S 30	14n29	2n18	1s33	18n43	1n36	3s25	1s 1	24n30	1n41	15n30	1n 8	19n18	1s36	18n38	0n40	6n54	1s40	24n24	10n19	10n10	9n57	21s18	16s16	6n52

Julian Day Number = 2344618.5, Delta T = 12.15 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'13, Lahiri = 19°46'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

MAY 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 32 50	9♉51'11	24♈11	17°R25	24♓51	13♋44	21♌19	3♊36	9♌10	21♈40	20°R36	26°R18	25♈38	24♏31	9°R54	S 1
M 2	14 36 46	10°49'19	9♉14	16♉56	25°55	14°18	21°22	3°43	9°11	21°42	20♌36	26♈18	25°35	24°38	9♑53	M 2
T 3	14 40 43	11°47'25	24°25	16°25	27° 1	14°52	21°24	3°50	9°12	21°44	20°D36	26°17	25°32	24°44	9°51	T 3
W 4	14 44 40	12°45'29	9♊33	15°51	28° 6	15°26	21°27	3°58	9°13	21°46	20°36	26°16	25°28	24°51	9°50	W 4
T 5	14 48 36	13°43'32	24°29	15°16	29°11	16° 0	21°30	4° 5	9°14	21°48	20°36	26°13	25°25	24°58	9°49	T 5
F 6	14 52 33	14°41'32	9♋ 6	14°39	0♈17	16°35	21°33	4°13	9°15	21°50	20°36	26°11	25°22	25° 4	9°47	F 6
S 7	14 56 29	15°39'31	23°18	14° 3	1°22	17° 9	21°37	4°20	9°16	21°52	20°36	26° 9	25°19	25°11	9°46	S 7
S 8	15 0 26	16°37'28	7♌ 5	13°27	2°28	17°43	21°40	4°28	9°17	21°55	20°36	26° 8	25°16	25°18	9°44	S 8
M 9	15 4 22	17°35'23	20°26	12°51	3°34	18°18	21°44	4°36	9°18	21°57	20°36	26°D 8	25°13	25°24	9°43	M 9
T 10	15 8 19	18°33'16	3♍24	12°17	4°40	18°52	21°48	4°43	9°19	21°59	20°36	26° 9	25° 9	25°31	9°41	T 10
W11	15 12 16	19°31'08	16° 1	11°46	5°47	19°26	21°52	4°51	9°20	22° 1	20°37	26°10	25° 6	25°38	9°39	W11
T 12	15 16 12	20°28'57	28°22	11°17	6°53	20° 1	21°56	4°58	9°22	22° 3	20°37	26°12	25° 3	25°44	9°37	T 12
F 13	15 20 9	21°26'45	10♎31	10°50	8° 0	20°35	22° 0	5° 6	9°23	22° 5	20°37	26°13	25° 0	25°51	9°35	F 13
S 14	15 24 5	22°24'31	22°30	10°28	9° 7	21°10	22° 5	5°14	9°24	22° 7	20°37	26°R14	24°57	25°58	9°33	S 14
S 15	15 28 2	23°22'16	4♏23	10° 9	10°13	21°45	22° 9	5°21	9°26	22° 9	20°38	26°14	24°53	26° 4	9°31	S 15
M16	15 31 58	24°20'00	16°13	9°54	11°20	22°19	22°14	5°29	9°27	22°11	20°38	26°12	24°50	26°11	9°29	M16
T 17	15 35 55	25°17'42	28° 2	9°43	12°28	22°54	22°19	5°37	9°29	22°13	20°39	26° 9	24°47	26°18	9°27	T 17
W18	15 39 51	26°15'22	9♐52	9°37	13°35	23°29	22°24	5°45	9°30	22°15	20°39	26° 5	24°44	26°24	9°24	W18
T 19	15 43 48	27°13'02	21°45	9°D35	14°42	24° 4	22°30	5°52	9°32	22°17	20°39	26° 0	24°41	26°31	9°22	T 19
F 20	15 47 45	28°10'40	3♑43	9°38	15°50	24°39	22°35	6° 0	9°34	22°19	20°40	25°54	24°38	26°38	9°20	F 20
S 21	15 51 41	29° 8'17	15°49	9°45	16°57	25°13	22°41	6° 8	9°35	22°21	20°40	25°49	24°34	26°44	9°17	S 21
S 22	15 55 38	0♊ 5'53	28° 5	9°57	18° 5	25°48	22°46	6°16	9°37	22°22	20°41	25°44	24°31	26°51	9°14	S 22
M23	15 59 34	1° 3'29	10♒33	10°13	19°13	26°23	22°52	6°23	9°39	22°24	20°42	25°41	24°28	26°58	9°12	M23
T 24	16 3 31	2° 1'03	23°18	10°34	20°21	26°58	22°58	6°31	9°41	22°26	20°42	25°39	24°25	27° 4	9° 9	T 24
W25	16 7 27	2°58'36	6♓22	10°59	21°29	27°34	23° 4	6°39	9°43	22°28	20°43	25°D39	24°22	27°11	9° 6	W25
T 26	16 11 24	3°56'08	19°48	11°28	22°37	28° 9	23°11	6°47	9°45	22°30	20°43	25°39	24°19	27°18	9° 4	T 26
F 27	16 15 20	4°53'40	3♈39	12° 2	23°45	28°44	23°17	6°55	9°47	22°32	20°44	25°41	24°15	27°24	9° 1	F 27
S 28	16 19 17	5°51'11	17°55	12°39	24°54	29°19	23°24	7° 2	9°49	22°33	20°45	25°42	24°12	27°31	8°58	S 28
S 29	16 23 14	6°48'41	2♉34	13°20	26° 2	29°54	23°30	7°10	9°51	22°35	20°45	25°R42	24° 9	27°38	8°55	S 29
M30	16 27 10	7°46'10	17°33	14° 6	27°11	0♌30	23°37	7°18	9°53	22°37	20°46	25°40	24° 6	27°44	8°52	M30
T 31	16 31 7	8♊43'38	2♊44	14♉55	28♈19	1♌ 5	23♌44	7♊26	9♌55	22♈39	20♌47	25♈37	24♈ 3	27♏51	8♑49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n48	9n12	0s12	18n22	1n22	3s 3	1s 5	24n26	1n40	15n30	1n 8	19n20	1s36	18n38	0n40	6n55	1s40	24n24	10n19	10n10	9n55	21s21	16s15	6n53
M 2	15 6	15 43	1n11	18 0	1 7	2 41	1 9	24 22	1 40	15 29	1 8	19 21	1 36	18 38	0 40	6 56	1 40	24 24	10 19	10 10	9 54	21 23	16 15	6 53
T 3	15 24	21 19	2 29	17 36	0 51	2 18	1 13	24 18	1 40	15 28	1 8	19 23	1 36	18 38	0 40	6 57	1 40	24 24	10 19	10 10	9 53	21 26	16 14	6 54
W 4	15 42	25 30	3 37	17 10	0 35	1 55	1 16	24 14	1 39	15 27	1 8	19 24	1 36	18 37	0 40	6 57	1 40	24 23	10 18	10 9	9 52	21 28	16 14	6 54
T 5	15 59	27 50	4 29	16 44	0 18	1 32	1 20	24 9	1 39	15 25	1 8	19 26	1 36	18 37	0 40	6 58	1 40	24 23	10 18	10 8	9 51	21 30	16 13	6 55
F 6	16 16	28 11	5 2	16 16	0 1	1 9	1 23	24 4	1 38	15 24	1 7	19 27	1 36	18 37	0 40	6 59	1 40	24 23	10 18	10 8	9 50	21 33	16 13	6 56
S 7	16 33	26 38	5 15	15 49	0s17	0 46	1 26	24 0	1 38	15 23	1 7	19 29	1 36	18 37	0 40	7 0	1 40	24 23	10 18	10 7	9 49	21 35	16 12	6 56
S 8	16 50	23 31	5 10	15 21	0 34	0 23	1 29	23 55	1 37	15 22	1 7	19 30	1 35	18 36	0 40	7 0	1 40	24 22	10 17	10 7	9 47	21 37	16 12	6 57
M 9	17 6	19 15	4 48	14 54	0 51	0n 1	1 32	23 50	1 37	15 20	1 7	19 32	1 35	18 36	0 40	7 1	1 40	24 22	10 17	10 6	9 46	21 40	16 11	6 57
T 10	17 23	14 11	4 11	14 28	1 8	0 25	1 35	23 44	1 36	15 19	1 7	19 33	1 35	18 36	0 40	7 2	1 40	24 22	10 17	10 7	9 45	21 42	16 11	6 58
W11	17 38	8 39	3 24	14 3	1 25	0 48	1 38	23 39	1 36	15 18	1 7	19 35	1 35	18 35	0 40	7 3	1 40	24 22	10 17	10 7	9 44	21 45	16 10	6 58
T 12	17 54	2 54	2 27	13 39	1 41	1 12	1 40	23 34	1 36	15 16	1 7	19 36	1 35	18 35	0 40	7 3	1 40	24 21	10 17	10 8	9 43	21 47	16 10	6 59
F 13	18 9	2s51	1 25	13 16	1 56	1 36	1 43	23 28	1 35	15 15	1 6	19 38	1 35	18 34	0 40	7 4	1 40	24 21	10 16	10 8	9 42	21 49	16 9	7 0
S 14	18 24	8 27	0 21	12 56	2 10	2 0	1 45	23 22	1 35	15 13	1 6	19 39	1 35	18 34	0 40	7 5	1 40	24 21	10 16	10 9	9 40	21 52	16 9	7 0
S 15	18 39	13 42	0s45	12 37	2 23	2 25	1 47	23 16	1 34	15 11	1 6	19 41	1 35	18 34	0 40	7 6	1 40	24 20	10 16	10 8	9 39	21 54	16 9	7 1
M16	18 53	18 26	1 48	12 20	2 36	2 49	1 49	23 10	1 34	15 10	1 6	19 42	1 35	18 33	0 40	7 6	1 40	24 20	10 16	10 8	9 38	21 56	16 8	7 1
T 17	19 7	22 26	2 46	12 6	2 47	3 13	1 51	23 4	1 33	15 8	1 6	19 44	1 35	18 33	0 40	7 7	1 40	24 20	10 15	10 7	9 37	21 59	16 8	7 2
W18	19 21	25 32	3 36	11 55	2 58	3 38	1 53	22 57	1 33	15 6	1 6	19 45	1 34	18 32	0 40	7 8	1 40	24 19	10 15	10 5	9 36	22 1	16 8	7 2
T 19	19 34	27 31	4 18	11 45	3 7	4 2	1 55	22 51	1 32	15 4	1 6	19 46	1 34	18 32	0 40	7 8	1 40	24 19	10 15	10 3	9 35	22 3	16 7	7 3
F 20	19 47	28 14	4 49	11 38	3 15	4 27	1 57	22 44	1 32	15 2	1 5	19 48	1 34	18 31	0 40	7 9	1 40	24 19	10 15	10 1	9 33	22 5	16 7	7 3
S 21	20 0	27 37	5 7	11 34	3 22	4 51	1 58	22 37	1 31	15 1	1 5	19 49	1 34	18 31	0 39	7 10	1 40	24 18	10 15	9 59	9 32	22 8	16 7	7 4
S 22	20 12	25 40	5 11	11 32	3 28	5 15	2 0	22 31	1 31	14 59	1 5	19 51	1 34	18 30	0 39	7 10	1 40	24 18	10 14	9 58	9 31	22 10	16 6	7 4
M23	20 24	22 27	5 1	11 32	3 33	5 40	2 1	22 23	1 31	14 56	1 5	19 52	1 34	18 30	0 39	7 11	1 40	24 17	10 14	9 56	9 30	22 12	16 6	7 5
T 24	20 36	18 7	4 36	11 34	3 37	6 4	2 2	22 16	1 30	14 54	1 5	19 53	1 34	18 29	0 39	7 12	1 40	24 17	10 14	9 56	9 29	22 15	16 6	7 5
W25	20 47	12 51	3 56	11 39	3 40	6 29	2 4	22 9	1 30	14 52	1 5	19 55	1 34	18 29	0 39	7 12	1 40	24 17	10 14	9 56	9 28	22 17	16 5	7 5
T 26	20 58	6 51	3 3	11 46	3 43	6 53	2 5	22 1	1 29	14 50	1 5	19 56	1 34	18 28	0 39	7 13	1 40	24 16	10 13	9 56	9 26	22 19	16 5	7 6
F 27	21 9	0 20	1 57	11 55	3 44	7 17	2 5	21 54	1 29	14 48	1 5	19 58	1 34	18 28	0 39	7 14	1 40	24 16	10 13	9 56	9 25	22 21	16 5	7 6
S 28	21 19	6n23	0 42	12 6	3 44	7 42	2 6	21 46	1 28	14 46	1 4	19 59	1 34	18 27	0 39	7 14	1 40	24 15	10 13	9 57	9 24	22 24	16 5	7 7
S 29	21 29	12 58	0n37	12 19	3 43	8 6	2 7	21 38	1 28	14 43	1 4	20 0	1 34	18 27	0 39	7 15	1 40	24 15	10 13	9 57	9 23	22 26	16 4	7 7
M30	21 39	18 57	1 56	12 34	3 42	8 30	2 8	21 30	1 27	14 41	1 4	20 2	1 34	18 26	0 39	7 15	1 41	24 14	10 13	9 56	9 22	22 28	16 4	7 8
T 31	21n48	23n48	3n 7	12n50	3s39	8n54	2s 8	21n22	1n27	14n38	1n 4	20n 3	1s33	18n25	0n39	7n16	1s41	24n14	10n12	9n55	9n21	22s30	16s 4	7n 8

Julian Day Number = 2344648.5, Delta T = 12.13 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'17, Lahiri = 19°46'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

JUNE 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 35 3	9♊41'06	17♊57	15♉47	29♈28	1♌40	23♌51	7♊34	9♌57	22♈40	20♌48	25°R31	23♈59	27♏58	8°R46	W 1
T 2	16 39 0	10°38'33	3♋ 3	16°43	0♉37	2°16	23°58	7°41	10° 0	22°42	20°49	25♈25	23°56	28° 4	8♐42	T 2
F 3	16 42 56	11°35'58	17°50	17°43	1°46	2°51	24° 6	7°49	10° 2	22°44	20°49	25°18	23°53	28°11	8°39	F 3
S 4	16 46 53	12°33'23	2♌14	18°46	2°55	3°27	24°13	7°57	10° 4	22°45	20°50	25°12	23°50	28°18	8°36	S 4
S 5	16 50 49	13°30'46	16° 9	19°52	4° 4	4° 2	24°21	8° 5	10° 7	22°47	20°51	25° 7	23°47	28°24	8°33	S 5
M 6	16 54 46	14°28'08	29°36	21° 2	5°13	4°38	24°29	8°13	10° 9	22°48	20°52	25° 4	23°44	28°31	8°29	M 6
T 7	16 58 43	15°25'29	12♍35	22°14	6°22	5°13	24°37	8°20	10°12	22°50	20°53	25°D 3	23°40	28°38	8°26	T 7
W 8	17 2 39	16°22'49	25°11	23°30	7°31	5°49	24°45	8°28	10°14	22°52	20°54	25° 3	23°37	28°44	8°22	W 8
T 9	17 6 36	17°20'08	7♎28	24°49	8°41	6°25	24°53	8°36	10°17	22°53	20°55	25° 4	23°34	28°51	8°19	T 9
F 10	17 10 32	18°17'27	19°31	26°12	9°50	7° 1	25° 1	8°44	10°19	22°54	20°56	25°R 5	23°31	28°58	8°15	F 10
S 11	17 14 29	19°14'44	1♏25	27°37	10°59	7°36	25° 9	8°51	10°22	22°56	20°57	25° 5	23°28	29° 4	8°12	S 11
S 12	17 18 25	20°12'00	13°14	29° 5	12° 9	8°12	25°18	8°59	10°25	22°57	20°58	25° 3	23°25	29°11	8° 8	S 12
M13	17 22 22	21° 9'16	25° 2	0♊36	13°19	8°48	25°26	9° 7	10°27	22°59	20°59	24°59	23°21	29°18	8° 5	M13
T 14	17 26 18	22° 6'31	6♐52	2°11	14°28	9°24	25°35	9°15	10°30	23° 0	21° 0	24°53	23°18	29°25	8° 1	T 14
W15	17 30 15	23° 3'46	18°46	3°48	15°38	10° 0	25°44	9°22	10°33	23° 1	21° 2	24°44	23°15	29°31	7°57	W15
T 16	17 34 12	24° 1'00	0♑46	5°28	16°48	10°36	25°52	9°30	10°36	23° 3	21° 3	24°34	23°12	29°38	7°54	T 16
F 17	17 38 8	24°58'13	12°53	7°11	17°58	11°12	26° 1	9°38	10°38	23° 4	21° 4	24°23	23° 9	29°45	7°50	F 17
S 18	17 42 5	25°55'27	25°10	8°57	19° 8	11°48	26°11	9°45	10°41	23° 5	21° 5	24°12	23° 5	29°51	7°46	S 18
S 19	17 46 1	26°52'40	7♒36	10°45	20°18	12°24	26°20	9°53	10°44	23° 7	21° 6	24° 3	23° 2	29°58	7°43	S 19
M20	17 49 58	27°49'52	20°13	12°37	21°28	13° 0	26°29	10° 0	10°47	23° 8	21° 8	23°55	22°59	0♐ 5	7°39	M20
T 21	17 53 54	28°47'05	3♓ 3	14°31	22°38	13°36	26°38	10° 8	10°50	23° 9	21° 9	23°50	22°56	0°11	7°35	T 21
W22	17 57 51	29°44'17	16° 9	16°27	23°48	14°12	26°48	10°15	10°53	23°10	21°10	23°47	22°53	0°18	7°31	W22
T 23	18 1 48	0♋41'30	29°32	18°26	24°58	14°48	26°57	10°23	10°56	23°11	21°12	23°D46	22°50	0°25	7°27	T 23
F 24	18 5 44	1°38'42	13♈15	20°27	26° 9	15°24	27° 7	10°30	10°59	23°12	21°13	23°47	22°46	0°31	7°24	F 24
S 25	18 9 41	2°35'55	27°19	22°30	27°19	16° 1	27°17	10°38	11° 2	23°13	21°14	23°R47	22°43	0°38	7°20	S 25
S 26	18 13 37	3°33'08	11♉43	24°35	28°30	16°37	27°27	10°45	11° 5	23°14	21°16	23°46	22°40	0°45	7°16	S 26
M27	18 17 34	4°30'21	26°27	26°42	29°40	17°13	27°37	10°53	11° 9	23°15	21°17	23°42	22°37	0°51	7°12	M27
T 28	18 21 30	5°27'34	11♊24	28°50	0♊51	17°50	27°47	11° 0	11°12	23°16	21°19	23°37	22°34	0°58	7° 8	T 28
W29	18 25 27	6°24'47	26°26	0♋59	2° 2	18°26	27°57	11° 7	11°15	23°17	21°20	23°28	22°31	1° 5	7° 4	W29
T 30	18 29 23	7♋22'00	11♋25	3♋ 8	3♊12	19♌ 2	28♌ 7	11♊15	11♌18	23♈18	21♌21	23♈18	22♈27	1♐11	7♑ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21n56	27n 0	4n 5	13n 8	3s36	9n18	2s 9	21n13	1n26	14n36	1n 4	20n 4	1s33	18n25	0n39	7n17	1s41	24n13	10n12	9n53	9n19	22s33	16s 4	7n 8	W 1
T 2	22 5	28 12	4 45	13 28	3 32	9 42	2 9	21 5	1 26	14 33	1 4	20 6	1 33	18 24	0 39	7 17	1 41	24 13	10 12	9 51	9 18	22 35	16 4	7 9	T 2
F 3	22 13	27 20	5 6	13 49	3 28	10 5	2 9	20 56	1 25	14 31	1 4	20 7	1 33	18 23	0 39	7 18	1 41	24 13	10 12	9 48	9 17	22 37	16 4	7 9	F 3
S 4	22 20	24 40	5 6	14 11	3 23	10 29	2 9	20 48	1 25	14 28	1 4	20 8	1 33	18 23	0 39	7 18	1 41	24 12	10 12	9 46	9 16	22 39	16 3	7 10	S 4
S 5	22 28	20 36	4 48	14 35	3 17	10 52	2 9	20 39	1 25	14 26	1 4	20 10	1 33	18 22	0 39	7 19	1 41	24 12	10 11	9 44	9 15	22 42	16 3	7 10	S 5
M 6	22 34	15 36	4 14	14 59	3 10	11 15	2 9	20 30	1 24	14 23	1 3	20 11	1 33	18 21	0 39	7 19	1 41	24 11	10 11	9 43	9 13	22 44	16 3	7 10	M 6
T 7	22 41	10 4	3 29	15 25	3 3	11 38	2 9	20 21	1 24	14 20	1 3	20 12	1 33	18 21	0 39	7 20	1 41	24 11	10 11	9 43	9 12	22 46	16 3	7 11	T 7
W 8	22 47	4 16	2 34	15 51	2 55	12 1	2 9	20 12	1 23	14 17	1 3	20 13	1 33	18 20	0 39	7 20	1 41	24 10	10 11	9 43	9 11	22 48	16 3	7 11	W 8
T 9	22 53	1s32	1 34	16 18	2 47	12 24	2 8	20 2	1 23	14 15	1 3	20 15	1 33	18 19	0 39	7 21	1 41	24 10	10 11	9 43	9 10	22 50	16 3	7 11	T 9
F 10	22 58	7 11	0 30	16 46	2 39	12 46	2 8	19 53	1 22	14 12	1 3	20 16	1 33	18 19	0 39	7 21	1 41	24 9	10 10	9 43	9 9	22 53	16 3	7 11	F 10
S 11	23 3	12 31	0s34	17 14	2 29	13 8	2 7	19 43	1 22	14 9	1 3	20 17	1 33	18 18	0 39	7 22	1 41	24 8	10 10	9 43	9 8	22 55	16 3	7 12	S 11
S 12	23 7	17 22	1 36	17 43	2 20	13 30	2 7	19 33	1 21	14 6	1 3	20 18	1 33	18 17	0 39	7 22	1 41	24 8	10 10	9 43	9 6	22 57	16 3	7 12	S 12
M13	23 11	21 32	2 33	18 12	2 10	13 52	2 6	19 23	1 21	14 3	1 3	20 19	1 33	18 16	0 39	7 23	1 41	24 7	10 10	9 41	9 5	22 59	16 2	7 12	M13
T 14	23 15	24 51	3 24	18 41	2 0	14 13	2 5	19 13	1 20	14 0	1 3	20 21	1 33	18 16	0 39	7 23	1 41	24 7	10 10	9 39	9 4	23 1	16 2	7 13	T 14
W15	23 18	27 6	4 7	19 10	1 49	14 34	2 4	19 3	1 20	13 57	1 3	20 22	1 33	18 15	0 39	7 24	1 41	24 6	10 9	9 36	9 3	23 3	16 2	7 13	W15
T 16	23 21	28 7	4 38	19 39	1 38	14 55	2 3	18 53	1 20	13 54	1 2	20 23	1 33	18 14	0 39	7 24	1 41	24 6	10 9	9 32	9 2	23 6	16 2	7 13	T 16
F 17	23 23	27 47	4 58	20 7	1 27	15 15	2 2	18 43	1 19	13 51	1 2	20 24	1 33	18 13	0 39	7 25	1 41	24 5	10 9	9 28	9 1	23 8	16 2	7 13	F 17
S 18	23 25	26 7	5 3	20 35	1 15	15 36	2 1	18 32	1 19	13 47	1 2	20 25	1 33	18 12	0 39	7 25	1 41	24 5	10 9	9 24	8 59	23 10	16 2	7 13	S 18
S 19	23 27	23 9	4 55	21 3	1 4	15 55	2 0	18 22	1 18	13 44	1 2	20 26	1 33	18 12	0 39	7 26	1 42	24 4	10 9	9 21	8 58	23 12	16 2	7 14	S 19
M20	23 28	19 4	4 33	21 29	0 52	16 15	1 59	18 11	1 18	13 41	1 2	20 28	1 33	18 11	0 39	7 26	1 42	24 3	10 9	9 18	8 57	23 14	16 2	7 14	M20
T 21	23 28	14 4	3 56	21 54	0 41	16 34	1 57	18 0	1 17	13 38	1 2	20 29	1 33	18 10	0 39	7 26	1 42	24 3	10 8	9 16	8 56	23 16	16 2	7 14	T 21
W22	23 29	8 20	3 6	22 19	0 29	16 53	1 56	17 49	1 17	13 34	1 2	20 30	1 33	18 9	0 39	7 27	1 42	24 2	10 8	9 15	8 55	23 18	16 2	7 14	W22
T 23	23 29	2 6	2 5	22 41	0 17	17 12	1 54	17 38	1 16	13 31	1 2	20 31	1 33	18 8	0 39	7 27	1 42	24 2	10 8	9 15	8 53	23 21	16 3	7 14	T 23
F 24	23 28	4n23	0 56	23 2	0 6	17 30	1 53	17 27	1 16	13 27	1 2	20 32	1 33	18 7	0 39	7 27	1 42	24 1	10 8	9 15	8 52	23 23	16 3	7 14	F 24
S 25	23 27	10 49	0n19	23 21	0n 5	17 47	1 51	17 16	1 15	13 24	1 2	20 33	1 33	18 7	0 39	7 28	1 42	24 1	10 8	9 15	8 51	23 25	16 3	7 15	S 25
S 26	23 26	16 52	1 34	23 38	0 16	18 5	1 49	17 4	1 15	13 21	1 2	20 34	1 33	18 6	0 39	7 28	1 42	24 0	10 8	9 14	8 50	23 27	16 3	7 15	S 26
M27	23 24	22 3	2 44	23 53	0 27	18 22	1 48	16 53	1 14	13 17	1 1	20 35	1 33	18 5	0 39	7 28	1 42	23 59	10 8	9 13	8 49	23 29	16 3	7 15	M27
T 28	23 22	25 53	3 44	24 5	0 37	18 38	1 46	16 41	1 14	13 14	1 1	20 36	1 33	18 4	0 39	7 29	1 42	23 59	10 7	9 11	8 48	23 31	16 3	7 15	T 28
W29	23 19	27 55	4 29	24 15	0 46	18 54	1 44	16 30	1 13	13 10	1 1	20 37	1 33	18 3	0 39	7 29	1 42	23 58	10 7	9 8	8 46	23 33	16 3	7 15	W29
T 30	23n16	27n53	4n55	24n22	0n55	19n10	1s42	16n18	1n13	13n 6	1n 1	20n38	1s33	18n 2	0n39	7n29	1s42	23n58	10n 7	9n 4	8n45	23s35	16s 3	7n15	T 30

Julian Day Number = 2344679.5, Delta T = 12.11 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'21, Lahiri = 19°46'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

JULY 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 33 20	8♋19'13	26♋11	5♋19	4♊23	19♌39	28♌17	11♊22	11♌21	23♈19	21♌23	23°R 8	22♈24	1♐18	6°R57	F 1
S 2	18 37 17	9°16'26	10♌36	7°29	5°34	20°15	28°28	11°29	11°25	23°20	21°24	22♈58	22°21	1°25	6♑53	S 2
S 3	18 41 13	10°13'39	24°34	9°39	6°45	20°52	28°38	11°36	11°28	23°21	21°26	22°49	22°18	1°31	6°49	S 3
M 4	18 45 10	11°10'52	8♍ 4	11°49	7°56	21°29	28°49	11°44	11°31	23°22	21°28	22°43	22°15	1°38	6°45	M 4
T 5	18 49 6	12° 8'04	21° 7	13°58	9° 7	22° 5	28°59	11°51	11°35	23°22	21°29	22°40	22°11	1°45	6°41	T 5
W 6	18 53 3	13° 5'16	3♎45	16° 7	10°18	22°42	29°10	11°58	11°38	23°23	21°31	22°38	22° 8	1°51	6°37	W 6
T 7	18 56 59	14° 2'29	16° 2	18°14	11°29	23°19	29°21	12° 5	11°41	23°24	21°32	22°38	22° 5	1°58	6°34	T 7
F 8	19 0 56	14°59'41	28° 5	20°20	12°40	23°55	29°32	12°12	11°45	23°24	21°34	22°38	22° 2	2° 5	6°30	F 8
S 9	19 4 52	15°56'53	9♏58	22°25	13°51	24°32	29°43	12°19	11°48	23°25	21°35	22°37	21°59	2°11	6°26	S 9
S 10	19 8 49	16°54'05	21°47	24°29	15° 2	25° 9	29°54	12°26	11°52	23°26	21°37	22°34	21°56	2°18	6°22	S 10
M11	19 12 46	17°51'18	3♐36	26°31	16°14	25°46	0♍ 5	12°33	11°55	23°26	21°39	22°29	21°52	2°25	6°19	M11
T 12	19 16 42	18°48'30	15°29	28°31	17°25	26°23	0°16	12°40	11°59	23°27	21°40	22°21	21°49	2°31	6°15	T 12
W13	19 20 39	19°45'43	27°30	0♌30	18°36	26°59	0°27	12°46	12° 2	23°27	21°42	22°11	21°46	2°38	6°11	W13
T 14	19 24 35	20°42'56	9♑39	2°26	19°48	27°36	0°38	12°53	12° 6	23°28	21°44	21°58	21°43	2°45	6° 8	T 14
F 15	19 28 32	21°40'10	21°59	4°22	20°59	28°13	0°50	13° 0	12° 9	23°28	21°45	21°45	21°40	2°51	6° 4	F 15
S 16	19 32 28	22°37'24	4♒30	6°15	22°11	28°50	1° 1	13° 6	12°13	23°29	21°47	21°32	21°37	2°58	6° 0	S 16
S 17	19 36 25	23°34'38	17°12	8° 7	23°22	29°27	1°13	13°13	12°16	23°29	21°49	21°21	21°33	3° 5	5°57	S 17
M18	19 40 21	24°31'53	0♓ 5	9°56	24°34	0♍ 4	1°24	13°20	12°20	23°29	21°51	21°11	21°30	3°12	5°53	M18
T 19	19 44 18	25°29'09	13°10	11°44	25°46	0°42	1°36	13°26	12°23	23°30	21°52	21° 4	21°27	3°18	5°50	T 19
W20	19 48 15	26°26'26	26°26	13°30	26°57	1°19	1°47	13°33	12°27	23°30	21°54	21° 1	21°24	3°25	5°46	W20
T 21	19 52 11	27°23'43	9♈55	15°15	28° 9	1°56	1°59	13°39	12°31	23°30	21°56	20°59	21°21	3°32	5°43	T 21
F 22	19 56 8	28°21'01	23°38	16°58	29°21	2°33	2°11	13°45	12°34	23°30	21°58	20°59	21°17	3°38	5°39	F 22
S 23	20 0 4	29°18'21	7♉36	18°39	0♋33	3°10	2°23	13°52	12°38	23°31	22° 0	20°59	21°14	3°45	5°36	S 23
S 24	20 4 1	0♌15'41	21°48	20°18	1°45	3°48	2°34	13°58	12°42	23°31	22° 1	20°57	21°11	3°52	5°33	S 24
M25	20 7 57	1°13'03	6♊14	21°55	2°57	4°25	2°46	14° 4	12°45	23°31	22° 3	20°54	21° 8	3°58	5°29	M25
T 26	20 11 54	2°10'25	20°50	23°31	4° 9	5° 2	2°58	14°10	12°49	23°31	22° 5	20°48	21° 5	4° 5	5°26	T 26
W27	20 15 50	3° 7'49	5♋30	25° 5	5°21	5°40	3°10	14°16	12°53	23°31	22° 7	20°40	21° 2	4°12	5°23	W27
T 28	20 19 47	4° 5'14	20°10	26°37	6°34	6°17	3°22	14°22	12°56	23°R31	22° 9	20°29	20°58	4°18	5°20	T 28
F 29	20 23 44	5° 2'39	4♌39	28° 7	7°46	6°55	3°34	14°28	13° 0	23°31	22°11	20°18	20°55	4°25	5°17	F 29
S 30	20 27 40	6° 0'06	18°52	29°36	8°58	7°32	3°47	14°34	13° 4	23°31	22°12	20° 8	20°52	4°32	5°14	S 30
S 31	20 31 37	6♌57'33	2♍43	1♍ 2	10♋10	8♍10	3♍59	14♊40	13♌ 7	23♈31	22♌14	19♈59	20♈49	4♐38	5♑11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n13	25n52	5n 1	24n26	1n 4	19n25	1s40	16n 6	1n13	13n 3	1n 1	20n39	1s33	18n 1	0n39	7n30	1s42	23n57	10n 7	9n 0	8n44	23s37	16s 3	7n15	F 1
S 2	23 9	22 13	4 48	24 28	1 12	19 40	1 38	15 54	1 12	12 59	1 1	20 40	1 33	18 0	0 39	7 30	1 42	23 56	10 7	8 56	8 43	23 39	16 4	7 15	S 2
S 3	23 5	17 23	4 17	24 26	1 19	19 54	1 36	15 42	1 12	12 55	1 1	20 41	1 33	17 59	0 39	7 30	1 42	23 56	10 7	8 53	8 42	23 41	16 4	7 15	S 3
M 4	23 0	11 51	3 33	24 22	1 25	20 8	1 34	15 29	1 11	12 52	1 1	20 42	1 33	17 58	0 39	7 30	1 42	23 55	10 7	8 51	8 40	23 43	16 4	7 15	M 4
T 5	22 55	5 58	2 39	24 15	1 31	20 21	1 31	15 17	1 11	12 48	1 1	20 43	1 33	17 57	0 39	7 31	1 42	23 54	10 7	8 50	8 39	23 46	16 4	7 15	T 5
W 6	22 50	0 1	1 38	24 6	1 36	20 33	1 29	15 5	1 10	12 44	1 1	20 44	1 33	17 57	0 39	7 31	1 42	23 54	10 6	8 49	8 38	23 48	16 4	7 15	W 6
T 7	22 44	5s47	0 35	23 53	1 40	20 46	1 27	14 52	1 10	12 40	1 1	20 45	1 33	17 56	0 39	7 31	1 43	23 53	10 6	8 49	8 37	23 50	16 4	7 15	T 7
F 8	22 38	11 16	0s29	23 39	1 44	20 57	1 25	14 39	1 9	12 36	1 1	20 46	1 33	17 55	0 39	7 31	1 43	23 52	10 6	8 49	8 36	23 52	16 5	7 15	F 8
S 9	22 32	16 16	1 30	23 21	1 46	21 8	1 22	14 27	1 9	12 32	1 1	20 47	1 33	17 54	0 39	7 31	1 43	23 52	10 6	8 49	8 35	23 54	16 5	7 15	S 9
S 10	22 25	20 37	2 28	23 2	1 48	21 19	1 20	14 14	1 8	12 28	1 1	20 47	1 33	17 53	0 38	7 31	1 43	23 51	10 6	8 48	8 33	23 56	16 5	7 15	S 10
M11	22 17	24 9	3 19	22 41	1 49	21 29	1 17	14 1	1 8	12 24	1 1	20 48	1 33	17 52	0 38	7 32	1 43	23 51	10 6	8 46	8 32	23 58	16 5	7 15	M11
T 12	22 9	26 41	4 1	22 17	1 50	21 38	1 15	13 48	1 7	12 20	1 0	20 49	1 33	17 51	0 38	7 32	1 43	23 50	10 6	8 43	8 31	24 0	16 6	7 15	T 12
W13	22 1	28 0	4 33	21 52	1 50	21 47	1 12	13 35	1 7	12 16	1 0	20 50	1 33	17 50	0 38	7 32	1 43	23 49	10 6	8 39	8 30	24 2	16 6	7 15	W13
T 14	21 53	28 0	4 53	21 25	1 49	21 56	1 10	13 22	1 6	12 12	1 0	20 51	1 33	17 49	0 38	7 32	1 43	23 49	10 6	8 34	8 29	24 4	16 6	7 15	T 14
F 15	21 44	26 37	5 0	20 57	1 48	22 3	1 7	13 9	1 6	12 8	1 0	20 52	1 33	17 48	0 38	7 32	1 43	23 48	10 6	8 29	8 27	24 6	16 6	7 14	F 15
S 16	21 35	23 54	4 52	20 27	1 46	22 11	1 4	12 55	1 5	12 4	1 0	20 52	1 33	17 47	0 38	7 32	1 43	23 47	10 6	8 25	8 26	24 8	16 7	7 14	S 16
S 17	21 25	20 0	4 30	19 56	1 43	22 17	1 2	12 42	1 5	12 0	1 0	20 53	1 33	17 46	0 38	7 32	1 43	23 47	10 5	8 20	8 25	24 10	16 7	7 14	S 17
M18	21 15	15 7	3 54	19 23	1 40	22 23	0 59	12 28	1 4	11 56	1 0	20 54	1 33	17 45	0 38	7 32	1 43	23 46	10 5	8 17	8 24	24 12	16 7	7 14	M18
T 19	21 5	9 29	3 5	18 50	1 36	22 28	0 56	12 15	1 4	11 52	1 0	20 55	1 33	17 44	0 38	7 32	1 43	23 45	10 5	8 14	8 23	24 13	16 8	7 14	T 19
W20	20 54	3 21	2 6	18 16	1 32	22 33	0 54	12 1	1 4	11 47	1 0	20 56	1 33	17 43	0 38	7 32	1 43	23 45	10 5	8 13	8 21	24 15	16 8	7 14	W20
T 21	20 43	3n 3	0 58	17 41	1 27	22 37	0 51	11 47	1 3	11 43	1 0	20 56	1 33	17 42	0 38	7 32	1 43	23 44	10 5	8 12	8 20	24 17	16 8	7 14	T 21
F 22	20 32	9 24	0n14	17 5	1 22	22 40	0 48	11 33	1 3	11 39	1 0	20 57	1 33	17 41	0 38	7 33	1 43	23 43	10 5	8 12	8 19	24 19	16 9	7 13	F 22
S 23	20 20	15 26	1 27	16 28	1 16	22 43	0 45	11 19	1 2	11 35	1 0	20 58	1 33	17 40	0 38	7 33	1 44	23 43	10 5	8 12	8 18	24 21	16 9	7 13	S 23
S 24	20 8	20 45	2 35	15 51	1 10	22 45	0 43	11 5	1 2	11 30	1 0	20 58	1 33	17 39	0 38	7 33	1 44	23 42	10 5	8 12	8 17	24 23	16 9	7 13	S 24
M25	19 55	24 55	3 35	15 14	1 4	22 47	0 40	10 51	1 1	11 26	1 0	20 59	1 33	17 37	0 38	7 32	1 44	23 42	10 5	8 10	8 16	24 25	16 10	7 13	M25
T 26	19 43	27 30	4 21	14 36	0 57	22 48	0 37	10 37	1 1	11 22	1 0	21 0	1 33	17 36	0 38	7 32	1 44	23 41	10 5	8 8	8 14	24 27	16 10	7 12	T 26
W27	19 29	28 12	4 51	13 58	0 50	22 48	0 34	10 23	1 0	11 17	1 0	21 0	1 33	17 35	0 38	7 32	1 44	23 40	10 5	8 5	8 13	24 29	16 10	7 12	W27
T 28	19 16	26 55	5 1	13 20	0 42	22 48	0 31	10 9	1 0	11 13	1 0	21 1	1 33	17 34	0 38	7 32	1 44	23 40	10 5	8 1	8 12	24 31	16 11	7 12	T 28
F 29	19 2	23 51	4 52	12 41	0 34	22 47	0 29	9 54	0 59	11 9	1 0	21 2	1 33	17 33	0 38	7 32	1 44	23 39	10 5	7 57	8 11	24 33	16 11	7 12	F 29
S 30	18 48	19 23	4 25	12 3	0 26	22 45	0 26	9 40	0 59	11 4	1 0	21 2	1 33	17 32	0 38	7 32	1 44	23 38	10 5	7 53	8 10	24 35	16 11	7 11	S 30
S 31	18n34	13n58	3n42	11n24	0n18	22n42	0s23	9n25	0n58	11n 0	1n 0	21n 3	1s34	17n31	0n38	7n32	1s44	23n38	10n 5	7n50	8n 8	24s36	16s12	7n11	S 31

Julian Day Number = 2344709.5, Delta T = 12.09 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'25, Lahiri = 19°46'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

AUGUST 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 35 33	7♌55'01	16♍10	2♍27	11♋23	8♍47	4♍11	14♊45	13♌11	23°R31	22♌16	19°R52	20♈46	4♐45	5°R 8	M 1
T 2	20 39 30	8°52'30	29°11	3°51	12°35	9°25	4°23	14°51	13°15	23♈31	22°18	19♈48	20°43	4°52	5♉ 5	T 2
W 3	20 43 26	9°49'59	11♎50	5°12	13°48	10° 2	4°36	14°57	13°19	23°30	22°20	19°47	20°39	4°58	5° 2	W 3
T 4	20 47 23	10°47'29	24° 9	6°31	15° 0	10°40	4°48	15° 2	13°22	23°30	22°22	19°D47	20°36	5° 5	4°59	T 4
F 5	20 51 19	11°45'01	6♏13	7°48	16°13	11°18	5° 0	15° 8	13°26	23°30	22°24	19°R47	20°33	5°12	4°57	F 5
S 6	20 55 16	12°42'33	18° 8	9° 4	17°25	11°56	5°13	15°13	13°30	23°30	22°26	19°47	20°30	5°18	4°54	S 6
S 7	20 59 13	13°40'06	29°58	10°17	18°38	12°33	5°25	15°18	13°33	23°29	22°28	19°45	20°27	5°25	4°51	S 7
M 8	21 3 9	14°37'39	11♐49	11°28	19°51	13°11	5°38	15°24	13°37	23°29	22°30	19°42	20°23	5°32	4°49	M 8
T 9	21 7 6	15°35'14	23°46	12°37	21° 4	13°49	5°50	15°29	13°41	23°29	22°32	19°36	20°20	5°39	4°46	T 9
W10	21 11 2	16°32'50	5♑51	13°43	22°16	14°27	6° 3	15°34	13°45	23°28	22°33	19°28	20°17	5°45	4°44	W10
T 11	21 14 59	17°30'27	18° 9	14°48	23°29	15° 5	6°16	15°39	13°48	23°28	22°35	19°18	20°14	5°52	4°42	T 11
F 12	21 18 55	18°28'05	0♒41	15°49	24°42	15°43	6°28	15°44	13°52	23°27	22°37	19° 8	20°11	5°59	4°40	F 12
S 13	21 22 52	19°25'44	13°28	16°48	25°55	16°21	6°41	15°49	13°56	23°27	22°39	18°57	20° 8	6° 5	4°37	S 13
S 14	21 26 49	20°23'25	26°29	17°44	27° 8	16°59	6°54	15°54	14° 0	23°26	22°41	18°48	20° 4	6°12	4°35	S 14
M15	21 30 45	21°21'06	9♓43	18°38	28°21	17°37	7° 6	15°58	14° 3	23°26	22°43	18°40	20° 1	6°19	4°33	M15
T 16	21 34 42	22°18'50	23°10	19°28	29°34	18°15	7°19	16° 3	14° 7	23°25	22°45	18°35	19°58	6°25	4°31	T 16
W17	21 38 38	23°16'34	6♈46	20°15	0♎47	18°54	7°32	16° 7	14°11	23°25	22°47	18°33	19°55	6°32	4°29	W17
T 18	21 42 35	24°14'20	20°32	20°58	2° 0	19°32	7°45	16°12	14°14	23°24	22°49	18°D32	19°52	6°39	4°27	T 18
F 19	21 46 31	25°12'08	4♉26	21°38	3°14	20°10	7°57	16°16	14°18	23°23	22°51	18°33	19°48	6°45	4°26	F 19
S 20	21 50 28	26° 9'58	18°28	22°14	4°27	20°48	8°10	16°21	14°22	23°23	22°53	18°34	19°45	6°52	4°24	S 20
S 21	21 54 24	27° 7'50	2♊36	22°46	5°40	21°27	8°23	16°25	14°25	23°22	22°55	18°R34	19°42	6°59	4°22	S 21
M22	21 58 21	28° 5'44	16°49	23°14	6°54	22° 5	8°36	16°29	14°29	23°21	22°57	18°32	19°39	7° 5	4°21	M22
T 23	22 2 18	29° 3'39	1♋ 6	23°37	8° 7	22°43	8°49	16°33	14°33	23°20	22°59	18°29	19°36	7°12	4°19	T 23
W24	22 6 14	0♍ 1'36	15°22	23°56	9°21	23°22	9° 2	16°37	14°36	23°19	23° 1	18°23	19°33	7°19	4°18	W24
T 25	22 10 11	0°59'35	29°35	24° 9	10°34	24° 0	9°15	16°41	14°40	23°19	23° 2	18°16	19°29	7°26	4°17	T 25
F 26	22 14 7	1°57'36	13♎39	24°17	11°48	24°39	9°28	16°45	14°43	23°18	23° 4	18° 9	19°26	7°32	4°15	F 26
S 27	22 18 4	2°55'38	27°29	24°R19	13° 1	25°18	9°40	16°48	14°47	23°17	23° 6	18° 1	19°23	7°39	4°14	S 27
S 28	22 22 0	3°53'42	11♍ 3	24°15	14°15	25°56	9°53	16°52	14°51	23°16	23° 8	17°55	19°20	7°46	4°13	S 28
M29	22 25 57	4°51'47	24°16	24° 5	15°29	26°35	10° 6	16°55	14°54	23°15	23°10	17°51	19°17	7°52	4°12	M29
T 30	22 29 53	5°49'55	7♎10	23°49	16°42	27°14	10°19	16°59	14°58	23°14	23°12	17°49	19°14	7°59	4°11	T 30
W31	22 33 50	6♍48'03	19♎45	23♍27	17♎56	27♍52	10♍32	17♊ 2	15♌ 1	23♈13	23♌14	17°D48	19♈10	8♐ 6	4♑10	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n19	8n 3	2n48	10n45	0n 9	22n39	0s20	9n11	0n58	10n55	1n 0	21n 3	1s34	17n30	0n38	7n32	1s44	23n37	10n 5	7n47	8n 7	24s38	16s12	7n11
T 2	18 4	1 58	1 47	10 7	0 0	22 36	0 17	8 56	0 57	10 51	1 0	21 4	1 34	17 29	0 38	7 32	1 44	23 36	10 5	7 46	8 6	24 40	16 13	7 11
W 3	17 49	4s 2	0 42	9 29	0s 9	22 31	0 14	8 41	0 57	10 46	1 0	21 5	1 34	17 28	0 38	7 32	1 44	23 36	10 5	7 45	8 5	24 42	16 13	7 10
T 4	17 33	9 44	0s23	8 51	0 18	22 26	0 12	8 27	0 56	10 42	1 0	21 5	1 34	17 27	0 38	7 32	1 44	23 35	10 5	7 45	8 4	24 44	16 14	7 10
F 5	17 18	14 58	1 26	8 13	0 28	22 21	0 9	8 12	0 56	10 37	1 0	21 6	1 34	17 26	0 38	7 32	1 44	23 34	10 5	7 45	8 2	24 46	16 14	7 10
S 6	17 1	19 35	2 25	7 36	0 38	22 15	0 6	7 57	0 55	10 32	1 0	21 6	1 34	17 25	0 38	7 31	1 44	23 34	10 5	7 45	8 1	24 48	16 14	7 9
S 7	16 45	23 23	3 17	6 59	0 48	22 8	0 3	7 42	0 55	10 28	1 0	21 7	1 34	17 24	0 38	7 31	1 44	23 33	10 5	7 44	8 0	24 49	16 15	7 9
M 8	16 28	26 13	4 0	6 23	0 58	22 0	0 1	7 27	0 54	10 23	1 0	21 7	1 34	17 23	0 38	7 31	1 44	23 33	10 5	7 43	7 59	24 51	16 15	7 9
T 9	16 11	27 53	4 34	5 47	1 8	21 52	0n 2	7 12	0 54	10 19	1 0	21 8	1 34	17 22	0 38	7 31	1 45	23 32	10 5	7 41	7 58	24 53	16 16	7 8
W10	15 54	28 16	4 55	5 12	1 19	21 43	0 5	6 57	0 53	10 14	1 0	21 8	1 34	17 21	0 38	7 31	1 45	23 31	10 5	7 38	7 56	24 55	16 16	7 8
T 11	15 37	27 15	5 3	4 38	1 29	21 33	0 8	6 42	0 53	10 9	1 0	21 9	1 34	17 19	0 38	7 30	1 45	23 31	10 5	7 34	7 55	24 57	16 17	7 7
F 12	15 19	24 52	4 58	4 4	1 40	21 23	0 10	6 27	0 52	10 5	1 0	21 9	1 34	17 18	0 38	7 30	1 45	23 30	10 5	7 30	7 54	24 59	16 17	7 7
S 13	15 1	21 13	4 37	3 32	1 50	21 13	0 13	6 11	0 52	10 0	1 0	21 9	1 34	17 17	0 38	7 30	1 45	23 30	10 5	7 26	7 53	25 0	16 18	7 7
S 14	14 43	16 29	4 1	3 0	2 1	21 1	0 16	5 56	0 51	9 55	1 0	21 10	1 34	17 16	0 38	7 30	1 45	23 29	10 5	7 23	7 52	25 2	16 18	7 6
M15	14 24	10 54	3 12	2 30	2 11	20 49	0 18	5 41	0 51	9 50	1 0	21 10	1 35	17 15	0 38	7 29	1 45	23 28	10 5	7 20	7 50	25 4	16 18	7 6
T 16	14 6	4 44	2 12	2 0	2 22	20 37	0 21	5 25	0 50	9 46	1 0	21 11	1 35	17 14	0 39	7 29	1 45	23 28	10 5	7 18	7 49	25 6	16 19	7 5
W17	13 47	1n44	1 3	1 32	2 32	20 24	0 23	5 10	0 50	9 41	1 0	21 11	1 35	17 13	0 39	7 29	1 45	23 27	10 6	7 17	7 48	25 7	16 19	7 5
T 18	13 28	8 12	0n11	1 5	2 43	20 10	0 26	4 54	0 49	9 36	1 0	21 11	1 35	17 12	0 39	7 29	1 45	23 27	10 6	7 17	7 47	25 9	16 20	7 5
F 19	13 9	14 21	1 24	0 40	2 53	19 56	0 28	4 39	0 49	9 31	1 0	21 12	1 35	17 11	0 39	7 28	1 45	23 26	10 6	7 17	7 46	25 11	16 20	7 4
S 20	12 49	19 49	2 34	0 17	3 3	19 41	0 31	4 23	0 48	9 27	1 0	21 12	1 35	17 10	0 39	7 28	1 45	23 25	10 6	7 17	7 44	25 13	16 21	7 4
S 21	12 29	24 13	3 34	0s 5	3 13	19 25	0 33	4 8	0 48	9 22	1 0	21 13	1 35	17 9	0 39	7 28	1 45	23 25	10 6	7 17	7 43	25 15	16 21	7 3
M22	12 9	27 10	4 22	0 24	3 22	19 9	0 36	3 52	0 47	9 17	1 0	21 13	1 35	17 8	0 39	7 27	1 45	23 24	10 6	7 17	7 42	25 16	16 22	7 3
T 23	11 49	28 22	4 53	0 42	3 31	18 53	0 38	3 36	0 47	9 12	1 0	21 13	1 35	17 7	0 39	7 27	1 45	23 24	10 6	7 15	7 41	25 18	16 22	7 2
W24	11 29	27 40	5 7	0 57	3 40	18 36	0 40	3 21	0 46	9 7	1 0	21 13	1 35	17 6	0 39	7 27	1 45	23 23	10 6	7 13	7 40	25 20	16 23	7 2
T 25	11 8	25 11	5 1	1 10	3 48	18 18	0 42	3 5	0 46	9 2	1 0	21 14	1 35	17 5	0 39	7 26	1 45	23 23	10 6	7 11	7 38	25 21	16 23	7 1
F 26	10 48	21 11	4 38	1 20	3 56	18 0	0 45	2 49	0 45	8 58	1 0	21 14	1 36	17 4	0 39	7 26	1 45	23 22	10 6	7 8	7 37	25 23	16 24	7 1
S 27	10 27	16 5	3 58	1 27	4 3	17 41	0 47	2 33	0 45	8 53	1 0	21 14	1 36	17 3	0 39	7 26	1 46	23 21	10 6	7 5	7 36	25 25	16 24	7 0
S 28	10 6	10 18	3 5	1 31	4 9	17 22	0 49	2 18	0 44	8 48	1 0	21 15	1 36	17 2	0 39	7 25	1 46	23 21	10 7	7 3	7 35	25 27	16 25	7 0
M29	9 45	4 10	2 4	1 32	4 14	17 2	0 51	2 2	0 44	8 43	1 0	21 15	1 36	17 0	0 39	7 25	1 46	23 20	10 7	7 1	7 34	25 28	16 25	7 0
T 30	9 23	1s58	0 57	1 29	4 18	16 42	0 53	1 46	0 43	8 38	1 0	21 15	1 36	16 59	0 39	7 24	1 46	23 20	10 7	7 0	7 32	25 30	16 26	6 59
W31	9n 2	7s54	0s11	1s23	4s21	16n21	0n55	1n30	0n43	8n33	1n 0	21n15	1s36	16n58	0n39	7n24	1s46	23n19	10n 7	7n 0	7n31	25s32	16s26	6n59

Julian Day Number = 2344740.5, Delta T = 12.07 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'30, Lahiri = 19°46'30Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1707
geocentric

SEPTEMBER 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 37 46	7♍46'13	2♏ 2	22°R59	19♌10	28♍31	10♍45	17♊ 5	15♌ 5	23°R12	23♌16	17♈49	19♈ 7	8♐12	4°R10	T 1
F 2	22 41 43	8°44'25	14° 6	22♍24	20°24	29°10	10°58	17° 8	15° 8	23♈11	23°18	17°50	19° 4	8°19	4♉ 9	F 2
S 3	22 45 40	9°42'38	26° 2	21°43	21°38	29°49	11°11	17°11	15°12	23°10	23°20	17°52	19° 1	8°26	4° 8	S 3
S 4	22 49 36	10°40'53	7♐53	20°57	22°52	0♎28	11°24	17°14	15°15	23° 9	23°21	17°R53	18°58	8°32	4° 8	S 4
M 5	22 53 33	11°39'09	19°45	20° 6	24° 6	1° 7	11°37	17°17	15°19	23° 7	23°23	17°52	18°54	8°39	4° 7	M 5
T 6	22 57 29	12°37'27	1♉43	19°11	25°20	1°46	11°50	17°20	15°22	23° 6	23°25	17°51	18°51	8°46	4° 7	T 6
W 7	23 1 26	13°35'47	13°51	18°13	26°34	2°25	12° 3	17°22	15°26	23° 5	23°27	17°47	18°48	8°52	4° 7	W 7
T 8	23 5 22	14°34'08	26°14	17°12	27°48	3° 4	12°16	17°25	15°29	23° 4	23°29	17°43	18°45	8°59	4° 7	T 8
F 9	23 9 19	15°32'30	8♒53	16°11	29° 2	3°43	12°29	17°27	15°32	23° 3	23°31	17°38	18°42	9° 6	4° 7	F 9
S 10	23 13 15	16°30'55	21°52	15°10	0♍16	4°22	12°42	17°30	15°36	23° 1	23°33	17°32	18°39	9°13	4°D 7	S 10
S 11	23 17 12	17°29'21	5♓ 9	14°11	1°30	5° 1	12°55	17°32	15°39	23° 0	23°34	17°28	18°35	9°19	4° 7	S 11
M12	23 21 9	18°27'49	18°44	13°16	2°44	5°40	13° 8	17°34	15°42	22°59	23°36	17°24	18°32	9°26	4° 7	M12
T 13	23 25 5	19°26'18	2♈35	12°25	3°59	6°20	13°21	17°36	15°46	22°57	23°38	17°22	18°29	9°33	4° 7	T 13
W14	23 29 2	20°24'50	16°38	11°41	5°13	6°59	13°34	17°38	15°49	22°56	23°40	17°D21	18°26	9°39	4° 7	W14
T 15	23 32 58	21°23'24	0♉49	11° 4	6°27	7°38	13°47	17°40	15°52	22°55	23°41	17°22	18°23	9°46	4° 8	T 15
F 16	23 36 55	22°22'00	15° 5	10°35	7°42	8°18	14° 0	17°41	15°55	22°53	23°43	17°23	18°20	9°53	4° 8	F 16
S 17	23 40 51	23°20'38	29°22	10°15	8°56	8°57	14°13	17°43	15°58	22°52	23°45	17°24	18°16	9°59	4° 9	S 17
S 18	23 44 48	24°19'18	13♊38	10° 5	10°10	9°37	14°26	17°44	16° 1	22°51	23°47	17°26	18°13	10° 6	4° 9	S 18
M19	23 48 44	25°18'01	27°50	10°D 4	11°25	10°16	14°39	17°46	16° 5	22°49	23°48	17°R26	18°10	10°13	4°10	M19
T 20	23 52 41	26°16'46	11♋55	10°13	12°39	10°56	14°52	17°47	16° 8	22°48	23°50	17°25	18° 7	10°19	4°11	T 20
W21	23 56 38	27°15'34	25°53	10°32	13°54	11°36	15° 4	17°48	16°11	22°46	23°52	17°24	18° 4	10°26	4°12	W21
T 22	0 0 34	28°14'23	9♌41	11° 1	15° 8	12°15	15°17	17°49	16°14	22°45	23°53	17°21	18° 0	10°33	4°13	T 22
F 23	0 4 31	29°13'15	23°17	11°39	16°23	12°55	15°30	17°50	16°17	22°43	23°55	17°19	17°57	10°40	4°14	F 23
S 24	0 8 27	0♎12'09	6♍41	12°26	17°38	13°35	15°43	17°51	16°20	22°42	23°57	17°16	17°54	10°46	4°15	S 24
S 25	0 12 24	1°11'05	19°50	13°20	18°52	14°15	15°56	17°51	16°23	22°40	23°58	17°14	17°51	10°53	4°16	S 25
M26	0 16 20	2°10'03	2♎45	14°22	20° 7	14°54	16° 8	17°52	16°25	22°39	24° 0	17°13	17°48	11° 0	4°18	M26
T 27	0 20 17	3° 9'03	15°24	15°31	21°22	15°34	16°21	17°52	16°28	22°37	24° 2	17°D12	17°45	11° 6	4°19	T 27
W28	0 24 13	4° 8'05	27°49	16°46	22°36	16°14	16°34	17°53	16°31	22°35	24° 3	17°13	17°41	11°13	4°21	W28
T 29	0 28 10	5° 7'09	10♏ 2	18° 7	23°51	16°54	16°46	17°53	16°34	22°34	24° 5	17°13	17°38	11°20	4°22	T 29
F 30	0 32 7	6♎ 6'15	22♏ 3	19♍32	25♍ 6	17♎34	16♍59	17♊53	16♌37	22♈32	24♌ 6	17♈14	17♈35	11♐26	4♉24	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n40	13s24	1s17	1s13	4s22	16n 0	0n57	1n14	0n42	8n28	1n 0	21n15	1s36	16n57	0n39	7n23	1s46	23n19	10n 7	7n 0	7n30	25s33	16s27	6n58
F 2	8 18	18 18	2 18	0 59	4 22	15 39	0 59	0 58	0 42	8 23	1 0	21 16	1 36	16 56	0 39	7 23	1 46	23 18	10 7	7 1	7 29	25 35	16 28	6 58
S 3	7 56	22 25	3 13	0 42	4 20	15 17	1 1	0 42	0 41	8 18	1 0	21 16	1 36	16 55	0 39	7 23	1 46	23 18	10 7	7 1	7 28	25 37	16 28	6 57
S 4	7 34	25 36	3 59	0 20	4 17	14 54	1 2	0 26	0 41	8 13	1 0	21 16	1 36	16 54	0 39	7 22	1 46	23 17	10 8	7 2	7 26	25 38	16 29	6 57
M 5	7 12	27 39	4 35	0n 5	4 11	14 31	1 4	0 10	0 40	8 9	1 0	21 16	1 36	16 53	0 39	7 22	1 46	23 17	10 8	7 1	7 25	25 40	16 29	6 56
T 6	6 50	28 28	4 59	0 33	4 4	14 8	1 6	0s 6	0 39	8 4	1 0	21 16	1 37	16 52	0 39	7 21	1 46	23 16	10 8	7 1	7 24	25 41	16 30	6 56
W 7	6 28	27 55	5 11	1 4	3 55	13 44	1 7	0 22	0 39	7 59	1 0	21 17	1 37	16 51	0 39	7 21	1 46	23 16	10 8	6 59	7 23	25 43	16 30	6 55
T 8	6 5	25 59	5 8	1 38	3 43	13 20	1 9	0 38	0 38	7 54	1 0	21 17	1 37	16 50	0 39	7 20	1 46	23 15	10 8	6 58	7 21	25 45	16 31	6 55
F 9	5 43	22 44	4 51	2 14	3 30	12 56	1 10	0 54	0 38	7 49	1 0	21 17	1 37	16 49	0 39	7 20	1 46	23 15	10 8	6 56	7 20	25 46	16 31	6 54
S 10	5 20	18 18	4 18	2 51	3 16	12 31	1 12	1 10	0 37	7 44	1 0	21 17	1 37	16 48	0 39	7 19	1 46	23 14	10 9	6 54	7 19	25 48	16 32	6 54
S 11	4 57	12 54	3 31	3 28	2 59	12 6	1 13	1 26	0 37	7 39	1 0	21 17	1 37	16 47	0 39	7 19	1 46	23 14	10 9	6 52	7 18	25 50	16 32	6 53
M12	4 34	6 46	2 30	4 6	2 42	11 40	1 15	1 42	0 36	7 34	1 0	21 17	1 37	16 47	0 39	7 18	1 46	23 14	10 9	6 51	7 17	25 51	16 33	6 52
T 13	4 11	0 12	1 20	4 42	2 23	11 15	1 16	1 58	0 36	7 29	1 0	21 17	1 37	16 46	0 39	7 18	1 46	23 13	10 9	6 50	7 15	25 53	16 33	6 52
W14	3 48	6n29	0 4	5 17	2 4	10 49	1 17	2 14	0 35	7 24	1 1	21 17	1 37	16 45	0 39	7 17	1 46	23 13	10 9	6 50	7 14	25 54	16 34	6 51
T 15	3 25	12 55	1n13	5 49	1 44	10 22	1 18	2 30	0 35	7 19	1 1	21 17	1 37	16 44	0 39	7 17	1 46	23 12	10 10	6 50	7 13	25 56	16 34	6 51
F 16	3 2	18 43	2 27	6 19	1 24	9 55	1 19	2 46	0 34	7 14	1 1	21 17	1 38	16 43	0 39	7 16	1 46	23 12	10 10	6 50	7 12	25 57	16 35	6 50
S 17	2 39	23 29	3 31	6 45	1 4	9 28	1 20	3 2	0 34	7 9	1 1	21 17	1 38	16 42	0 39	7 16	1 46	23 11	10 10	6 51	7 11	25 59	16 35	6 50
S 18	2 16	26 48	4 22	7 7	0 45	9 1	1 21	3 18	0 33	7 4	1 1	21 17	1 38	16 41	0 39	7 15	1 46	23 11	10 10	6 51	7 9	26 1	16 36	6 49
M19	1 52	28 24	4 57	7 24	0 26	8 34	1 22	3 35	0 33	6 59	1 1	21 17	1 38	16 40	0 39	7 14	1 46	23 11	10 10	6 51	7 8	26 2	16 36	6 49
T 20	1 29	28 9	5 13	7 37	0 8	8 6	1 23	3 51	0 32	6 55	1 1	21 17	1 38	16 39	0 39	7 14	1 47	23 10	10 11	6 51	7 7	26 4	16 37	6 48
W21	1 6	26 6	5 11	7 46	0n 8	7 38	1 24	4 7	0 31	6 50	1 1	21 17	1 38	16 38	0 39	7 13	1 47	23 10	10 11	6 50	7 6	26 5	16 37	6 48
T 22	0 42	22 32	4 51	7 49	0 24	7 9	1 24	4 23	0 31	6 45	1 1	21 17	1 38	16 37	0 39	7 13	1 47	23 10	10 11	6 49	7 5	26 7	16 38	6 47
F 23	0 19	17 47	4 15	7 48	0 39	6 41	1 25	4 39	0 30	6 40	1 1	21 17	1 38	16 37	0 39	7 12	1 47	23 9	10 11	6 48	7 3	26 8	16 38	6 47
S 24	0s 5	12 15	3 25	7 43	0 52	6 12	1 25	4 55	0 30	6 35	1 1	21 17	1 38	16 36	0 39	7 12	1 47	23 9	10 12	6 48	7 2	26 10	16 39	6 46
S 25	0 28	6 16	2 25	7 33	1 4	5 44	1 26	5 11	0 29	6 30	1 1	21 17	1 39	16 35	0 39	7 11	1 47	23 9	10 12	6 47	7 1	26 11	16 39	6 46
M26	0 52	0 7	1 19	7 19	1 15	5 14	1 26	5 26	0 29	6 25	1 1	21 17	1 39	16 34	0 39	7 10	1 47	23 8	10 12	6 46	7 0	26 13	16 40	6 45
T 27	1 15	5s55	0 10	7 0	1 24	4 45	1 27	5 42	0 28	6 20	1 1	21 17	1 39	16 33	0 39	7 10	1 47	23 8	10 12	6 46	6 58	26 14	16 40	6 45
W28	1 39	11 38	0s58	6 39	1 32	4 16	1 27	5 58	0 28	6 15	1 2	21 17	1 39	16 32	0 39	7 9	1 47	23 8	10 13	6 46	6 57	26 16	16 41	6 44
T 29	2 2	16 47	2 3	6 13	1 39	3 47	1 27	6 14	0 27	6 11	1 2	21 17	1 39	16 32	0 39	7 9	1 47	23 7	10 13	6 46	6 56	26 17	16 41	6 44
F 30	2s26	21s14	3s 1	5n45	1n44	3n17	1n27	6s30	0n27	6n 6	1n 2	21n17	1s39	16n31	0n39	7n 8	1s47	23n 7	10n13	6n47	6n55	26s19	16s42	6n43

Julian Day Number = 2344771.5, Delta T = 12.05 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'34, Lahiri = 19°46'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

OCTOBER 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 36 3	7♎ 5'23	3♐57	21♍ 1	26♍21	18♎14	17♍12	17°R53	16♌39	22°R31	24♌ 8	17♈15	17♈32	11♐33	4♑25	S 1
S 2	0 40 0	8° 4'33	15°48	22°34	27°36	18°55	17°24	17♊53	16°42	22♈29	24° 9	17°16	17°29	11°40	4°27	S 2
M 3	0 43 56	9° 3'45	27°40	24° 9	28°51	19°35	17°37	17°53	16°45	22°27	24°11	17°17	17°26	11°47	4°29	M 3
T 4	0 47 53	10° 2'58	9♑37	25°47	0♎ 5	20°15	17°49	17°53	16°47	22°26	24°12	17°R17	17°22	11°53	4°31	T 4
W 5	0 51 49	11° 2'13	21°43	27°27	1°20	20°55	18° 2	17°52	16°50	22°24	24°14	17°17	17°19	12° 0	4°33	W 5
T 6	0 55 46	12° 1'30	4♒ 5	29° 8	2°35	21°36	18°14	17°52	16°52	22°23	24°15	17°17	17°16	12° 7	4°35	T 6
F 7	0 59 42	13° 0'49	16°45	0♎50	3°50	22°16	18°27	17°51	16°55	22°21	24°16	17°16	17°13	12°13	4°37	F 7
S 8	1 3 39	14° 0'09	29°46	2°33	5° 5	22°56	18°39	17°50	16°57	22°19	24°18	17°16	17°10	12°20	4°40	S 8
S 9	1 7 36	14°59'32	13♓11	4°17	6°20	23°37	18°51	17°50	16°59	22°18	24°19	17°15	17° 6	12°27	4°42	S 9
M10	1 11 32	15°58'56	27° 0	6° 1	7°35	24°17	19° 4	17°49	17° 2	22°16	24°20	17°15	17° 3	12°33	4°44	M10
T 11	1 15 29	16°58'22	11♈10	7°45	8°50	24°58	19°16	17°48	17° 4	22°14	24°22	17°15	17° 0	12°40	4°47	T 11
W12	1 19 25	17°57'50	25°37	9°30	10° 5	25°38	19°28	17°46	17° 6	22°13	24°23	17°15	16°57	12°47	4°50	W12
T 13	1 23 22	18°57'20	10♉16	11°14	11°20	26°19	19°40	17°45	17° 9	22°11	24°24	17°15	16°54	12°54	4°52	T 13
F 14	1 27 18	19°56'52	25° 0	12°58	12°35	27° 0	19°52	17°44	17°11	22° 9	24°26	17°15	16°51	13° 0	4°55	F 14
S 15	1 31 15	20°56'27	9♊42	14°41	13°50	27°41	20° 4	17°42	17°13	22° 8	24°27	17°15	16°47	13° 7	4°58	S 15
S 16	1 35 11	21°56'04	24°17	16°25	15° 5	28°21	20°16	17°41	17°15	22° 6	24°28	17°14	16°44	13°14	5° 1	S 16
M17	1 39 8	22°55'44	8♋39	18° 8	16°21	29° 2	20°28	17°39	17°17	22° 4	24°29	17°14	16°41	13°20	5° 4	M17
T 18	1 43 5	23°55'25	22°45	19°50	17°36	29°43	20°40	17°37	17°19	22° 3	24°30	17°D14	16°38	13°27	5° 7	T 18
W19	1 47 1	24°55'09	6♌34	21°32	18°51	0♏24	20°52	17°35	17°21	22° 1	24°32	17°14	16°35	13°34	5°10	W19
T 20	1 50 58	25°54'55	20° 7	23°13	20° 6	1° 5	21° 4	17°33	17°23	21°59	24°33	17°14	16°31	13°40	5°13	T 20
F 21	1 54 54	26°54'44	3♍22	24°54	21°21	1°46	21°15	17°31	17°25	21°57	24°34	17°15	16°28	13°47	5°16	F 21
S 22	1 58 51	27°54'34	16°23	26°34	22°36	2°27	21°27	17°29	17°27	21°56	24°35	17°16	16°25	13°54	5°19	S 22
S 23	2 2 47	28°54'27	29° 9	28°14	23°52	3° 8	21°38	17°26	17°28	21°54	24°36	17°17	16°22	14° 1	5°23	S 23
M24	2 6 44	29°54'21	11♎43	29°53	25° 7	3°49	21°50	17°24	17°30	21°52	24°37	17°R17	16°19	14° 7	5°26	M24
T 25	2 10 40	0♏54'18	24° 5	1♏32	26°22	4°30	22° 1	17°21	17°32	21°51	24°38	17°17	16°16	14°14	5°30	T 25
W26	2 14 37	1°54'17	6♏18	3°10	27°37	5°12	22°13	17°19	17°33	21°49	24°39	17°17	16°12	14°21	5°33	W26
T 27	2 18 34	2°54'17	18°22	4°48	28°53	5°53	22°24	17°16	17°35	21°48	24°40	17°15	16° 9	14°27	5°37	T 27
F 28	2 22 30	3°54'20	0♐19	6°25	0♏ 8	6°34	22°35	17°13	17°36	21°46	24°41	17°13	16° 6	14°34	5°40	F 28
S 29	2 26 27	4°54'24	12°11	8° 2	1°23	7°16	22°47	17°10	17°38	21°44	24°41	17°10	16° 3	14°41	5°44	S 29
S 30	2 30 23	5°54'30	24° 1	9°38	2°39	7°57	22°58	17° 7	17°39	21°43	24°42	17° 7	16° 0	14°47	5°48	S 30
M31	2 34 20	6♏54'38	5♑52	11♏14	3♏54	8♏39	23♍ 9	17♊ 4	17♌40	21♈41	24♌43	17♈ 4	15♈57	14♐54	5♑52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s49	24s45	3s51	5n14	1n49	2n47	1n27	6s46	0n26	6n 1	1n 2	21n17	1s39	16n30	0n39	7n 7	1s47	23n 7	10n13	6n47	6n54	26s20	16s42	6n43
S 2	3 13	27 12	4 31	4 40	1 52	2 17	1 27	7 2	0 25	5 56	1 2	21 17	1 39	16 29	0 40	7 7	1 47	23 7	10 14	6 48	6 52	26 22	16 42	6 42
M 3	3 36	28 26	4 59	4 5	1 55	1 48	1 27	7 17	0 25	5 51	1 2	21 17	1 39	16 28	0 40	7 6	1 47	23 6	10 14	6 48	6 51	26 23	16 43	6 42
T 4	3 59	28 21	5 14	3 27	1 56	1 18	1 27	7 33	0 24	5 46	1 2	21 17	1 39	16 28	0 40	7 5	1 47	23 6	10 14	6 48	6 50	26 24	16 43	6 41
W 5	4 22	26 55	5 16	2 48	1 56	0 48	1 27	7 49	0 24	5 42	1 2	21 16	1 40	16 27	0 40	7 5	1 47	23 6	10 15	6 48	6 49	26 26	16 44	6 41
T 6	4 46	24 11	5 4	2 7	1 56	0 18	1 26	8 4	0 23	5 37	1 2	21 16	1 40	16 26	0 40	7 4	1 47	23 6	10 15	6 48	6 47	26 27	16 44	6 40
F 7	5 9	20 14	4 36	1 26	1 55	0s13	1 26	8 20	0 23	5 32	1 2	21 16	1 40	16 25	0 40	7 4	1 47	23 5	10 15	6 48	6 46	26 29	16 45	6 40
S 8	5 32	15 13	3 54	0 43	1 53	0 43	1 26	8 35	0 22	5 27	1 3	21 16	1 40	16 25	0 40	7 3	1 47	23 5	10 15	6 47	6 45	26 30	16 45	6 39
S 9	5 55	9 21	2 58	0s 0	1 51	1 13	1 25	8 51	0 22	5 23	1 3	21 16	1 40	16 24	0 40	7 2	1 47	23 5	10 16	6 47	6 44	26 31	16 45	6 39
M10	6 18	2 53	1 50	0 44	1 48	1 43	1 25	9 6	0 21	5 18	1 3	21 16	1 40	16 23	0 40	7 2	1 47	23 5	10 16	6 47	6 43	26 33	16 46	6 38
T 11	6 41	3n54	0 34	1 29	1 45	2 13	1 24	9 22	0 20	5 13	1 3	21 15	1 40	16 23	0 40	7 1	1 47	23 5	10 16	6 47	6 41	26 34	16 46	6 38
W12	7 4	10 38	0n46	2 13	1 41	2 43	1 24	9 37	0 20	5 9	1 3	21 15	1 40	16 22	0 40	7 0	1 47	23 4	10 17	6 47	6 40	26 36	16 47	6 37
T 13	7 26	16 53	2 4	2 58	1 37	3 13	1 23	9 52	0 19	5 4	1 3	21 15	1 40	16 21	0 40	7 0	1 47	23 4	10 17	6 47	6 39	26 37	16 47	6 37
F 14	7 49	22 12	3 14	3 43	1 32	3 43	1 22	10 8	0 19	4 59	1 3	21 15	1 40	16 21	0 40	6 59	1 47	23 4	10 17	6 47	6 38	26 38	16 47	6 36
S 15	8 11	26 5	4 12	4 27	1 27	4 13	1 21	10 23	0 18	4 55	1 3	21 15	1 40	16 20	0 40	6 59	1 47	23 4	10 18	6 47	6 37	26 40	16 48	6 36
S 16	8 34	28 13	4 52	5 12	1 22	4 43	1 20	10 38	0 18	4 50	1 3	21 14	1 40	16 20	0 40	6 58	1 47	23 4	10 18	6 47	6 35	26 41	16 48	6 35
M17	8 56	28 25	5 14	5 56	1 17	5 13	1 19	10 53	0 17	4 45	1 4	21 14	1 41	16 19	0 40	6 57	1 47	23 4	10 18	6 47	6 34	26 42	16 48	6 35
T 18	9 18	26 44	5 16	6 41	1 11	5 43	1 18	11 8	0 16	4 41	1 4	21 14	1 41	16 18	0 40	6 57	1 47	23 4	10 19	6 47	6 33	26 44	16 49	6 34
W19	9 40	23 29	4 59	7 24	1 5	6 12	1 17	11 23	0 16	4 36	1 4	21 14	1 41	16 18	0 40	6 56	1 47	23 4	10 19	6 47	6 32	26 45	16 49	6 34
T 20	10 2	19 1	4 26	8 8	0 59	6 42	1 16	11 38	0 15	4 32	1 4	21 13	1 41	16 17	0 40	6 55	1 47	23 4	10 19	6 47	6 30	26 46	16 50	6 33
F 21	10 23	13 42	3 40	8 50	0 53	7 11	1 15	11 53	0 15	4 27	1 4	21 13	1 41	16 17	0 40	6 55	1 47	23 4	10 20	6 47	6 29	26 48	16 50	6 33
S 22	10 45	7 53	2 43	9 33	0 46	7 40	1 14	12 7	0 14	4 23	1 4	21 13	1 41	16 16	0 40	6 54	1 47	23 3	10 20	6 48	6 28	26 49	16 50	6 32
S 23	11 6	1 51	1 39	10 15	0 40	8 9	1 12	12 22	0 14	4 18	1 4	21 13	1 41	16 16	0 40	6 54	1 47	23 3	10 20	6 48	6 27	26 50	16 50	6 32
M24	11 27	4s10	0 31	10 56	0 33	8 38	1 11	12 37	0 13	4 14	1 4	21 12	1 41	16 15	0 40	6 53	1 47	23 3	10 21	6 48	6 26	26 52	16 51	6 32
T 25	11 48	9 56	0s38	11 37	0 27	9 7	1 10	12 51	0 12	4 10	1 5	21 12	1 41	16 15	0 40	6 52	1 47	23 3	10 21	6 48	6 24	26 53	16 51	6 31
W26	12 9	15 16	1 43	12 17	0 20	9 35	1 8	13 5	0 12	4 5	1 5	21 12	1 41	16 14	0 40	6 52	1 47	23 3	10 21	6 48	6 23	26 54	16 51	6 31
T 27	12 30	19 56	2 43	12 56	0 13	10 3	1 7	13 20	0 11	4 1	1 5	21 11	1 41	16 14	0 40	6 51	1 47	23 3	10 22	6 47	6 22	26 55	16 52	6 30
F 28	12 50	23 46	3 36	13 35	0 7	10 31	1 5	13 34	0 11	3 56	1 5	21 11	1 41	16 14	0 40	6 51	1 47	23 3	10 22	6 46	6 21	26 57	16 52	6 30
S 29	13 11	26 34	4 18	14 13	0s 0	10 59	1 3	13 48	0 10	3 52	1 5	21 11	1 41	16 13	0 41	6 50	1 47	23 3	10 22	6 45	6 19	26 58	16 52	6 30
S 30	13 31	28 10	4 50	14 50	0 7	11 27	1 2	14 2	0 10	3 48	1 5	21 10	1 41	16 13	0 41	6 49	1 47	23 3	10 23	6 44	6 18	26 59	16 52	6 29
M31	13s51	28s29	5s 9	15s26	0s14	11s54	1n 0	14s16	0n 9	3n44	1n 6	21n10	1s41	16n12	0n41	6n49	1s47	23n 4	10n23	6n43	6n17	27s 0	16s53	6n29

Julian Day Number = 2344801.5, Delta T = 12.03 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'38, Lahiri = 19°46'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

NOVEMBER 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 38 16	7♏54'48	17♑48	12♏50	5♏ 9	9♏20	23♍20	17°R 1	17♌42	21°R39	24♌44	17°R 2	15♈53	15♐ 1	5♑56	T 1
W 2	2 42 13	8°54'58	29°52	14°25	6°25	10° 2	23°30	16♊58	17°43	21♈38	24°45	17♈ 0	15°50	15° 8	6° 0	W 2
T 3	2 46 9	9°55'11	12♒ 9	15°59	7°40	10°44	23°41	16°54	17°44	21°36	24°45	17°D 0	15°47	15°14	6° 4	T 3
F 4	2 50 6	10°55'25	24°43	17°34	8°55	11°25	23°52	16°51	17°45	21°35	24°46	17° 1	15°44	15°21	6° 8	F 4
S 5	2 54 3	11°55'40	7♓39	19° 7	10°11	12° 7	24° 3	16°47	17°46	21°33	24°47	17° 2	15°41	15°28	6°12	S 5
S 6	2 57 59	12°55'57	21° 1	20°41	11°26	12°49	24°13	16°44	17°47	21°32	24°47	17° 4	15°37	15°34	6°16	S 6
M 7	3 1 56	13°56'15	4♈49	22°14	12°41	13°31	24°24	16°40	17°48	21°30	24°48	17° 5	15°34	15°41	6°21	M 7
T 8	3 5 52	14°56'35	19° 5	23°47	13°57	14°13	24°34	16°36	17°49	21°28	24°49	17°R 5	15°31	15°48	6°25	T 8
W 9	3 9 49	15°56'56	3♉45	25°20	15°12	14°54	24°44	16°32	17°50	21°27	24°49	17° 5	15°28	15°54	6°29	W 9
T 10	3 13 45	16°57'19	18°43	26°52	16°27	15°36	24°54	16°29	17°51	21°26	24°50	17° 2	15°25	16° 1	6°34	T 10
F 11	3 17 42	17°57'44	3♊51	28°24	17°43	16°18	25° 4	16°25	17°52	21°24	24°50	16°58	15°22	16° 8	6°38	F 11
S 12	3 21 38	18°58'10	18°59	29°55	18°58	17° 1	25°14	16°21	17°52	21°23	24°51	16°54	15°18	16°15	6°43	S 12
S 13	3 25 35	19°58'39	3♋58	1♐27	20°13	17°43	25°24	16°16	17°53	21°21	24°51	16°49	15°15	16°21	6°48	S 13
M14	3 29 32	20°59'09	18°39	2°58	21°29	18°25	25°34	16°12	17°54	21°20	24°52	16°45	15°12	16°28	6°52	M14
T 15	3 33 28	21°59'41	2♌57	4°29	22°44	19° 7	25°44	16° 8	17°54	21°18	24°52	16°42	15° 9	16°35	6°57	T 15
W16	3 37 25	23° 0'14	16°51	5°59	24° 0	19°49	25°53	16° 4	17°55	21°17	24°52	16°40	15° 6	16°41	7° 2	W16
T 17	3 41 21	24° 0'50	0♍20	7°30	25°15	20°32	26° 3	15°59	17°55	21°16	24°53	16°D40	15° 3	16°48	7° 7	T 17
F 18	3 45 18	25° 1'27	13°26	8°59	26°31	21°14	26°12	15°55	17°55	21°14	24°53	16°41	14°59	16°55	7°11	F 18
S 19	3 49 14	26° 2'06	26°12	10°29	27°46	21°56	26°22	15°51	17°56	21°13	24°53	16°43	14°56	17° 2	7°16	S 19
S 20	3 53 11	27° 2'46	8♎42	11°58	29° 1	22°39	26°31	15°46	17°56	21°12	24°53	16°44	14°53	17° 8	7°21	S 20
M21	3 57 7	28° 3'28	21° 0	13°27	0♐17	23°21	26°40	15°41	17°56	21°10	24°54	16°R44	14°50	17°15	7°26	M21
T 22	4 1 4	29° 4'12	3♏ 8	14°56	1°32	24° 4	26°49	15°37	17°56	21° 9	24°54	16°43	14°47	17°22	7°31	T 22
W23	4 5 1	0♐ 4'57	15° 9	16°24	2°48	24°47	26°58	15°32	17°56	21° 8	24°54	16°39	14°43	17°28	7°36	W23
T 24	4 8 57	1° 5'44	27° 5	17°51	4° 3	25°29	27° 6	15°27	17°R56	21° 7	24°54	16°33	14°40	17°35	7°41	T 24
F 25	4 12 54	2° 6'32	8♐58	19°18	5°19	26°12	27°15	15°23	17°56	21° 5	24°54	16°25	14°37	17°42	7°47	F 25
S 26	4 16 50	3° 7'21	20°49	20°44	6°34	26°55	27°23	15°18	17°56	21° 4	24°54	16°16	14°34	17°48	7°52	S 26
S 27	4 20 47	4° 8'11	2♑40	22° 9	7°49	27°38	27°32	15°13	17°56	21° 3	24°R54	16° 6	14°31	17°55	7°57	S 27
M28	4 24 43	5° 9'02	14°33	23°33	9° 5	28°20	27°40	15° 8	17°56	21° 2	24°54	15°57	14°28	18° 2	8° 2	M28
T 29	4 28 40	6° 9'55	26°30	24°57	10°20	29° 3	27°48	15° 4	17°56	21° 1	24°54	15°48	14°24	18° 9	8° 8	T 29
W30	4 32 36	7♐10'48	8♒33	26♐19	11♐36	29♏46	27♍56	14♊59	17♌55	21♈ 0	24♌54	15♈42	14♈21	18♐15	8♑13	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s10	27s29	5s15	16s 2	0s20	12s21	0n58	14s30	0n 8	3n40	1n 6	21n10	1s42	16n12	0n41	6n48	1s47	23n 4	10n23	6n42	6n16	27s 2	16s53	6n28
W 2	14 30	25 13	5 7	16 37	0 27	12 47	0 56	14 44	0 8	3 35	1 6	21 9	1 42	16 12	0 41	6 48	1 47	23 4	10 24	6 41	6 15	27 3	16 53	6 28
T 3	14 49	21 44	4 45	17 11	0 33	13 14	0 55	14 57	0 7	3 31	1 6	21 9	1 42	16 11	0 41	6 47	1 47	23 4	10 24	6 41	6 13	27 4	16 53	6 28
F 4	15 8	17 13	4 9	17 44	0 40	13 40	0 53	15 11	0 7	3 27	1 6	21 9	1 42	16 11	0 41	6 46	1 47	23 4	10 24	6 42	6 12	27 5	16 53	6 27
S 5	15 26	11 48	3 20	18 17	0 46	14 5	0 51	15 24	0 6	3 23	1 6	21 8	1 42	16 11	0 41	6 46	1 47	23 4	10 25	6 42	6 11	27 6	16 54	6 27
S 6	15 45	5 41	2 18	18 48	0 53	14 31	0 49	15 37	0 5	3 19	1 6	21 8	1 42	16 10	0 41	6 45	1 47	23 4	10 25	6 43	6 10	27 8	16 54	6 26
M 7	16 3	0n54	1 7	19 18	0 59	14 56	0 47	15 51	0 5	3 15	1 7	21 7	1 42	16 10	0 41	6 45	1 47	23 4	10 26	6 43	6 8	27 9	16 54	6 26
T 8	16 21	7 39	0n11	19 48	1 5	15 20	0 45	16 4	0 4	3 11	1 7	21 7	1 42	16 10	0 41	6 44	1 47	23 4	10 26	6 43	6 7	27 10	16 54	6 26
W 9	16 38	14 12	1 30	20 17	1 11	15 44	0 43	16 17	0 4	3 7	1 7	21 7	1 42	16 10	0 41	6 44	1 47	23 5	10 26	6 43	6 6	27 11	16 54	6 25
T 10	16 56	20 3	2 44	20 44	1 17	16 8	0 41	16 30	0 3	3 3	1 7	21 6	1 42	16 10	0 41	6 43	1 47	23 5	10 27	6 42	6 5	27 12	16 54	6 25
F 11	17 13	24 41	3 48	21 11	1 23	16 31	0 39	16 42	0 2	2 59	1 7	21 6	1 42	16 9	0 41	6 43	1 47	23 5	10 27	6 41	6 3	27 13	16 55	6 25
S 12	17 29	27 36	4 36	21 36	1 28	16 54	0 37	16 55	0 2	2 56	1 8	21 5	1 42	16 9	0 41	6 42	1 47	23 5	10 27	6 39	6 2	27 15	16 55	6 24
S 13	17 46	28 29	5 4	22 1	1 34	17 17	0 34	17 7	0 1	2 52	1 8	21 5	1 42	16 9	0 41	6 42	1 47	23 5	10 28	6 37	6 1	27 16	16 55	6 24
M14	18 2	27 19	5 11	22 24	1 39	17 39	0 32	17 20	0 1	2 48	1 8	21 5	1 42	16 9	0 41	6 41	1 47	23 5	10 28	6 35	6 0	27 17	16 55	6 24
T 15	18 18	24 23	4 59	22 46	1 44	18 0	0 30	17 32	0 0	2 44	1 8	21 4	1 42	16 9	0 41	6 41	1 47	23 6	10 29	6 34	5 59	27 18	16 55	6 23
W16	18 33	20 6	4 30	23 8	1 49	18 21	0 28	17 44	0s 1	2 41	1 8	21 4	1 42	16 9	0 41	6 40	1 47	23 6	10 29	6 34	5 57	27 19	16 55	6 23
T 17	18 48	14 54	3 46	23 28	1 53	18 42	0 25	17 56	0 1	2 37	1 8	21 3	1 42	16 9	0 41	6 40	1 46	23 6	10 29	6 34	5 56	27 20	16 55	6 23
F 18	19 3	9 10	2 51	23 46	1 58	19 2	0 23	18 8	0 2	2 34	1 9	21 3	1 42	16 8	0 41	6 39	1 46	23 6	10 30	6 34	5 55	27 21	16 55	6 23
S 19	19 18	3 11	1 49	24 4	2 2	19 21	0 21	18 19	0 2	2 30	1 9	21 2	1 42	16 8	0 41	6 39	1 46	23 7	10 30	6 35	5 54	27 22	16 55	6 22
S 20	19 32	2s47	0 44	24 20	2 6	19 40	0 18	18 31	0 3	2 27	1 9	21 2	1 42	16 8	0 41	6 38	1 46	23 7	10 30	6 35	5 52	27 23	16 55	6 22
M21	19 46	8 34	0s23	24 35	2 9	19 59	0 16	18 42	0 4	2 23	1 9	21 1	1 42	16 8	0 42	6 38	1 46	23 7	10 31	6 35	5 51	27 25	16 55	6 22
T 22	19 59	13 57	1 28	24 49	2 12	20 17	0 14	18 53	0 4	2 20	1 9	21 1	1 42	16 8	0 42	6 37	1 46	23 8	10 31	6 35	5 50	27 26	16 55	6 21
W23	20 12	18 45	2 28	25 1	2 15	20 34	0 11	19 4	0 5	2 17	1 10	21 1	1 42	16 8	0 42	6 37	1 46	23 8	10 32	6 33	5 49	27 27	16 55	6 21
T 24	20 25	22 47	3 20	25 13	2 18	20 51	0 9	19 15	0 5	2 13	1 10	21 0	1 42	16 8	0 42	6 37	1 46	23 8	10 32	6 31	5 47	27 28	16 55	6 21
F 25	20 37	25 51	4 4	25 22	2 20	21 7	0 7	19 26	0 6	2 10	1 10	21 0	1 42	16 8	0 42	6 36	1 46	23 8	10 32	6 28	5 46	27 29	16 55	6 21
S 26	20 49	27 46	4 37	25 31	2 22	21 22	0 4	19 37	0 7	2 7	1 10	20 59	1 42	16 9	0 42	6 36	1 46	23 9	10 33	6 24	5 45	27 30	16 55	6 20
S 27	21 1	28 25	4 58	25 37	2 23	21 37	0 2	19 47	0 7	2 4	1 11	20 59	1 42	16 9	0 42	6 35	1 46	23 9	10 33	6 21	5 44	27 31	16 55	6 20
M28	21 12	27 45	5 6	25 43	2 24	21 52	0s 1	19 57	0 8	2 1	1 11	20 58	1 41	16 9	0 42	6 35	1 46	23 9	10 34	6 17	5 43	27 32	16 55	6 20
T 29	21 22	25 49	5 1	25 47	2 24	22 5	0 3	20 7	0 8	1 58	1 11	20 58	1 41	16 9	0 42	6 35	1 46	23 10	10 34	6 14	5 41	27 33	16 55	6 20
W30	21s33	22s42	4s43	25s50	2s24	22s18	0s 5	20s17	0s 9	1n55	1n11	20n57	1s41	16n 9	0n42	6n34	1s46	23n10	10n34	6n11	5n40	27s34	16s55	6n20

Julian Day Number = 2344832.5, Delta T = 12.01 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'42, Lahiri = 19°46'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1707
geocentric

DECEMBER 1707 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 36 33	8♐11'42	20♒48	27♐39	12♐51	0♐29	28♍ 4	14°R54	17°R55	20°R59	24°R54	15°R38	14♈18	18♐22	8♑18	T 1
F 2	4 40 30	9°12'37	3♓17	28°58	14° 7	1°12	28°12	14♊49	17♌55	20♈58	24♌54	15♈36	14°15	18°29	8°24	F 2
S 3	4 44 26	10°13'32	16° 5	0♑15	15°22	1°55	28°19	14°44	17°54	20°57	24°54	15°D36	14°12	18°35	8°29	S 3
S 4	4 48 23	11°14'29	29°17	1°30	16°37	2°39	28°27	14°39	17°54	20°56	24°54	15°37	14° 9	18°42	8°35	S 4
M 5	4 52 19	12°15'26	12♈55	2°42	17°53	3°22	28°34	14°34	17°53	20°55	24°53	15°R38	14° 5	18°49	8°40	M 5
T 6	4 56 16	13°16'23	27° 2	3°51	19° 8	4° 5	28°41	14°29	17°52	20°54	24°53	15°37	14° 2	18°56	8°45	T 6
W 7	5 0 12	14°17'21	11♉37	4°57	20°24	4°48	28°48	14°24	17°52	20°53	24°53	15°35	13°59	19° 2	8°51	W 7
T 8	5 4 9	15°18'20	26°37	5°59	21°39	5°32	28°55	14°19	17°51	20°53	24°52	15°29	13°56	19° 9	8°57	T 8
F 9	5 8 5	16°19'20	11♊53	6°56	22°55	6°15	29° 2	14°14	17°50	20°52	24°52	15°22	13°53	19°16	9° 2	F 9
S 10	5 12 2	17°20'21	27°15	7°48	24°10	6°58	29° 9	14° 9	17°49	20°51	24°52	15°12	13°49	19°22	9° 8	S 10
S 11	5 15 59	18°21'22	12♋31	8°33	25°25	7°42	29°15	14° 4	17°49	20°50	24°51	15° 3	13°46	19°29	9°13	S 11
M12	5 19 55	19°22'25	27°31	9°12	26°41	8°25	29°21	13°59	17°48	20°50	24°51	14°53	13°43	19°36	9°19	M12
T 13	5 23 52	20°23'28	12♌ 6	9°44	27°56	9° 9	29°27	13°55	17°47	20°49	24°51	14°46	13°40	19°43	9°25	T 13
W14	5 27 48	21°24'32	26°11	10° 7	29°12	9°53	29°33	13°50	17°46	20°48	24°50	14°41	13°37	19°49	9°31	W14
T 15	5 31 45	22°25'36	9♍47	10°20	0♑27	10°36	29°39	13°45	17°44	20°48	24°50	14°38	13°34	19°56	9°36	T 15
F 16	5 35 41	23°26'42	22°55	10°R23	1°42	11°20	29°45	13°40	17°43	20°47	24°49	14°D37	13°30	20° 3	9°42	F 16
S 17	5 39 38	24°27'48	5♎39	10°15	2°58	12° 4	29°51	13°35	17°42	20°46	24°48	14°37	13°27	20° 9	9°48	S 17
S 18	5 43 35	25°28'56	18° 4	9°56	4°13	12°47	29°56	13°30	17°41	20°46	24°48	14°R38	13°24	20°16	9°54	S 18
M19	5 47 31	26°30'04	0♏13	9°25	5°29	13°31	0♎ 1	13°26	17°39	20°45	24°47	14°36	13°21	20°23	9°59	M19
T 20	5 51 28	27°31'12	12°13	8°42	6°44	14°15	0° 6	13°21	17°38	20°45	24°47	14°33	13°18	20°30	10° 5	T 20
W21	5 55 24	28°32'22	24° 7	7°49	7°59	14°59	0°11	13°16	17°37	20°45	24°46	14°27	13°15	20°36	10°11	W21
T 22	5 59 21	29°33'31	5♐58	6°45	9°15	15°43	0°16	13°11	17°35	20°44	24°45	14°17	13°11	20°43	10°17	T 22
F 23	6 3 17	0♑34'42	17°48	5°33	10°30	16°27	0°20	13° 7	17°34	20°44	24°44	14° 5	13° 8	20°50	10°23	F 23
S 24	6 7 14	1°35'52	29°40	4°16	11°46	17°11	0°25	13° 2	17°32	20°44	24°44	13°51	13° 5	20°56	10°28	S 24
S 25	6 11 10	2°37'03	11♑34	2°54	13° 1	17°55	0°29	12°58	17°31	20°43	24°43	13°36	13° 2	21° 3	10°34	S 25
M26	6 15 7	3°38'14	23°33	1°32	14°16	18°40	0°33	12°53	17°29	20°43	24°42	13°21	12°59	21°10	10°40	M26
T 27	6 19 4	4°39'25	5♒37	0°12	15°32	19°24	0°37	12°49	17°27	20°43	24°41	13° 8	12°55	21°17	10°46	T 27
W28	6 23 0	5°40'36	17°47	28♐57	16°47	20° 8	0°41	12°44	17°26	20°43	24°40	12°58	12°52	21°23	10°52	W28
T 29	6 26 57	6°41'47	0♓ 6	27°48	18° 2	20°52	0°44	12°40	17°24	20°42	24°40	12°50	12°49	21°30	10°58	T 29
F 30	6 30 53	7°42'58	12°38	26°47	19°18	21°37	0°48	12°36	17°22	20°42	24°39	12°46	12°46	21°37	11° 4	F 30
S 31	6 34 50	8♑44'08	25♓24	25♐55	20♑33	22♐21	0♎51	12♊32	17♌20	20♈42	24♌38	12♈44	12♈43	21♐43	11♑10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s43	18 s33	4 s11	25 s51	2 s23	22 s30	0 s 8	20 s27	0 s10	1n52	1n11	20n57	1 s41	16n 9	0n42	6n34	1 s46	23n11	10n35	6n10	5n39	27 s35	16 s55	6n19
F 2	21 52	13 32	3 27	25 50	2 22	22 42	0 10	20 36	0 10	1 49	1 12	20 56	1 41	16 9	0 42	6 34	1 46	23 11	10 35	6 9	5 38	27 36	16 54	6 19
S 3	22 1	7 49	2 31	25 48	2 20	22 53	0 13	20 46	0 11	1 46	1 12	20 56	1 41	16 9	0 42	6 33	1 46	23 11	10 35	6 9	5 36	27 37	16 54	6 19
S 4	22 10	1 36	1 26	25 45	2 17	23 3	0 15	20 55	0 12	1 43	1 12	20 55	1 41	16 10	0 42	6 33	1 46	23 12	10 36	6 9	5 35	27 38	16 54	6 19
M 5	22 18	4n53	0 15	25 40	2 13	23 13	0 17	21 4	0 12	1 41	1 12	20 55	1 41	16 10	0 42	6 33	1 46	23 12	10 36	6 10	5 34	27 39	16 54	6 19
T 6	22 26	11 23	1n 1	25 34	2 9	23 22	0 20	21 13	0 13	1 38	1 13	20 54	1 41	16 10	0 42	6 32	1 46	23 13	10 37	6 10	5 33	27 40	16 54	6 18
W 7	22 33	17 28	2 14	25 27	2 4	23 30	0 22	21 21	0 13	1 35	1 13	20 54	1 41	16 10	0 42	6 32	1 46	23 13	10 37	6 9	5 31	27 41	16 54	6 18
T 8	22 40	22 41	3 20	25 18	1 57	23 37	0 24	21 29	0 14	1 33	1 13	20 53	1 41	16 11	0 42	6 32	1 46	23 14	10 37	6 7	5 30	27 42	16 53	6 18
F 9	22 47	26 26	4 14	25 8	1 50	23 44	0 27	21 38	0 15	1 30	1 13	20 53	1 41	16 11	0 42	6 32	1 46	23 14	10 38	6 4	5 29	27 43	16 53	6 18
S 10	22 53	28 16	4 49	24 56	1 42	23 50	0 29	21 46	0 15	1 28	1 13	20 52	1 41	16 11	0 42	6 31	1 46	23 15	10 38	6 0	5 28	27 43	16 53	6 18
S 11	22 58	27 55	5 3	24 44	1 32	23 55	0 31	21 53	0 16	1 26	1 14	20 52	1 40	16 12	0 42	6 31	1 45	23 15	10 38	5 56	5 27	27 44	16 53	6 18
M12	23 3	25 32	4 56	24 31	1 21	24 0	0 34	22 1	0 16	1 23	1 14	20 51	1 40	16 12	0 42	6 31	1 45	23 16	10 39	5 53	5 25	27 45	16 52	6 18
T 13	23 8	21 31	4 30	24 16	1 9	24 4	0 36	22 8	0 17	1 21	1 14	20 51	1 40	16 12	0 42	6 31	1 45	23 16	10 39	5 50	5 24	27 46	16 52	6 17
W14	23 12	16 23	3 48	24 1	0 56	24 7	0 38	22 16	0 18	1 19	1 14	20 51	1 40	16 13	0 42	6 30	1 45	23 17	10 39	5 48	5 23	27 47	16 52	6 17
T 15	23 16	10 36	2 54	23 46	0 41	24 9	0 40	22 23	0 18	1 17	1 15	20 50	1 40	16 13	0 43	6 30	1 45	23 17	10 40	5 47	5 22	27 48	16 52	6 17
F 16	23 19	4 32	1 53	23 30	0 25	24 11	0 42	22 29	0 19	1 15	1 15	20 50	1 40	16 13	0 43	6 30	1 45	23 18	10 40	5 46	5 20	27 49	16 51	6 17
S 17	23 22	1 s31	0 48	23 13	0 8	24 11	0 45	22 36	0 20	1 13	1 15	20 49	1 40	16 14	0 43	6 30	1 45	23 18	10 41	5 46	5 19	27 50	16 51	6 17
S 18	23 24	7 23	0 s18	22 57	0n10	24 11	0 47	22 42	0 20	1 11	1 15	20 49	1 40	16 14	0 43	6 30	1 45	23 19	10 41	5 46	5 18	27 51	16 51	6 17
M19	23 26	12 51	1 22	22 40	0 29	24 11	0 49	22 48	0 21	1 9	1 16	20 48	1 39	16 15	0 43	6 30	1 45	23 19	10 41	5 46	5 17	27 51	16 50	6 17
T 20	23 27	17 46	2 21	22 23	0 49	24 9	0 51	22 54	0 21	1 7	1 16	20 48	1 39	16 15	0 43	6 30	1 45	23 20	10 42	5 45	5 15	27 52	16 50	6 17
W21	23 28	21 57	3 13	22 7	1 9	24 7	0 53	23 0	0 22	1 5	1 16	20 47	1 39	16 16	0 43	6 29	1 45	23 20	10 42	5 42	5 14	27 53	16 50	6 17
T 22	23 29	25 13	3 56	21 50	1 28	24 4	0 55	23 5	0 23	1 4	1 17	20 47	1 39	16 16	0 43	6 29	1 45	23 21	10 42	5 39	5 13	27 54	16 49	6 17
F 23	23 29	27 23	4 29	21 34	1 47	24 0	0 57	23 11	0 23	1 2	1 17	20 47	1 39	16 17	0 43	6 29	1 45	23 21	10 43	5 34	5 12	27 55	16 49	6 17
S 24	23 28	28 19	4 51	21 19	2 5	23 56	0 59	23 15	0 24	1 1	1 17	20 46	1 39	16 17	0 43	6 29	1 45	23 22	10 43	5 28	5 10	27 56	16 48	6 17
S 25	23 27	27 57	4 59	21 5	2 22	23 51	1 1	23 20	0 25	0 59	1 17	20 46	1 39	16 18	0 43	6 29	1 45	23 23	10 43	5 23	5 9	27 56	16 48	6 17
M26	23 26	26 16	4 55	20 52	2 36	23 45	1 2	23 25	0 25	0 58	1 18	20 45	1 38	16 18	0 43	6 29	1 45	23 23	10 44	5 17	5 8	27 57	16 48	6 17
T 27	23 24	23 22	4 37	20 40	2 48	23 38	1 4	23 29	0 26	0 57	1 18	20 45	1 38	16 19	0 43	6 29	1 45	23 24	10 44	5 12	5 7	27 58	16 47	6 17
W28	23 21	19 26	4 7	20 30	2 58	23 31	1 6	23 33	0 26	0 55	1 18	20 45	1 38	16 19	0 43	6 29	1 45	23 24	10 44	5 8	5 6	27 59	16 47	6 17
T 29	23 19	14 38	3 24	20 22	3 6	23 23	1 8	23 37	0 27	0 54	1 18	20 44	1 38	16 20	0 43	6 29	1 45	23 25	10 45	5 5	5 4	27 59	16 46	6 17
F 30	23 15	9 10	2 32	20 16	3 10	23 14	1 9	23 40	0 28	0 53	1 19	20 44	1 38	16 20	0 43	6 29	1 44	23 26	10 45	5 3	5 3	28 0	16 46	6 17
S 31	23 s11	3 s13	1 s30	20 s12	3n13	23 s 4	1 s11	23 s44	0 s28	0n52	1n19	20n43	1 s38	16n21	0n43	6n29	1 s44	23n26	10n45	5n 2	5n 2	28 s 1	16 s45	6n17

Julian Day Number = 2344862.5, Delta T = 11.99 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'46, Lahiri = 19°46'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

JANUARY 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 38 46	9♑45'18	8♈29	25°R14	21♑48	23♐ 5	0♎54	12°R28	17°R18	20°R42	24°R37	12°R43	12♈40	21♐50	11♑15	S 1
M 2	6 42 43	10°46'28	21°57	24♐42	23° 4	23°50	0°57	12♊24	17♌16	20°D42	24♌36	12♈43	12°36	21°57	11°21	M 2
T 3	6 46 39	11°47'37	5♉50	24°21	24°19	24°34	0°59	12°20	17°14	20♈42	24°35	12°42	12°33	22° 4	11°27	T 3
W 4	6 50 36	12°48'46	20° 9	24° 9	25°34	25°19	1° 2	12°16	17°12	20°42	24°34	12°39	12°30	22°10	11°33	W 4
T 5	6 54 33	13°49'55	4♊53	24°D 7	26°50	26° 3	1° 4	12°12	17°10	20°42	24°33	12°33	12°27	22°17	11°39	T 5
F 6	6 58 29	14°51'03	19°57	24°14	28° 5	26°48	1° 6	12° 8	17° 8	20°43	24°32	12°24	12°24	22°24	11°45	F 6
S 7	7 2 26	15°52'11	5♋12	24°28	29°20	27°33	1° 8	12° 4	17° 6	20°43	24°31	12°13	12°21	22°30	11°51	S 7
S 8	7 6 22	16°53'19	20°27	24°50	0♒35	28°17	1°10	12° 1	17° 4	20°43	24°30	12° 1	12°17	22°37	11°57	S 8
M 9	7 10 19	17°54'26	5♌31	25°18	1°51	29° 2	1°11	11°57	17° 2	20°43	24°28	11°50	12°14	22°44	12° 2	M 9
T 10	7 14 15	18°55'33	20°14	25°53	3° 6	29°47	1°12	11°54	17° 0	20°43	24°27	11°40	12°11	22°51	12° 8	T 10
W11	7 18 12	19°56'39	4♍31	26°33	4°21	0♑32	1°14	11°50	16°58	20°44	24°26	11°33	12° 8	22°57	12°14	W11
T 12	7 22 9	20°57'45	18°16	27°17	5°36	1°17	1°15	11°47	16°55	20°44	24°25	11°29	12° 5	23° 4	12°20	T 12
F 13	7 26 5	21°58'51	1♎33	28° 7	6°51	2° 2	1°15	11°44	16°53	20°44	24°24	11°27	12° 1	23°11	12°26	F 13
S 14	7 30 2	22°59'57	14°22	29° 0	8° 7	2°47	1°16	11°41	16°51	20°45	24°23	11°D27	11°58	23°17	12°32	S 14
S 15	7 33 58	24° 1'02	26°49	29°56	9°22	3°32	1°16	11°38	16°48	20°45	24°21	11°R27	11°55	23°24	12°37	S 15
M16	7 37 55	25° 2'07	9♏ 0	0♑56	10°37	4°17	1°R16	11°35	16°46	20°46	24°20	11°26	11°52	23°31	12°43	M16
T 17	7 41 51	26° 3'12	20°58	1°59	11°52	5° 2	1°16	11°32	16°44	20°46	24°19	11°23	11°49	23°38	12°49	T 17
W18	7 45 48	27° 4'17	2♐50	3° 4	13° 7	5°47	1°16	11°29	16°41	20°47	24°17	11°18	11°46	23°44	12°55	W18
T 19	7 49 44	28° 5'21	14°39	4°12	14°22	6°32	1°16	11°27	16°39	20°47	24°16	11°10	11°42	23°51	13° 0	T 19
F 20	7 53 41	29° 6'24	26°30	5°21	15°37	7°17	1°15	11°24	16°36	20°48	24°15	10°59	11°39	23°58	13° 6	F 20
S 21	7 57 38	0♒ 7'27	8♑24	6°33	16°52	8° 2	1°15	11°22	16°34	20°49	24°14	10°46	11°36	24° 4	13°12	S 21
S 22	8 1 34	1° 8'29	20°25	7°47	18° 7	8°48	1°14	11°20	16°31	20°49	24°12	10°32	11°33	24°11	13°18	S 22
M23	8 5 31	2° 9'30	2♒32	9° 2	19°23	9°33	1°12	11°17	16°29	20°50	24°11	10°19	11°30	24°18	13°23	M23
T 24	8 9 27	3°10'31	14°47	10°18	20°38	10°18	1°11	11°15	16°26	20°51	24°10	10° 7	11°27	24°25	13°29	T 24
W25	8 13 24	4°11'30	27°11	11°36	21°53	11° 4	1°10	11°13	16°24	20°52	24° 8	9°57	11°23	24°31	13°34	W25
T 26	8 17 20	5°12'28	9♓44	12°56	23° 8	11°49	1° 8	11°11	16°21	20°53	24° 7	9°50	11°20	24°38	13°40	T 26
F 27	8 21 17	6°13'25	22°27	14°16	24°23	12°34	1° 6	11° 9	16°19	20°53	24° 5	9°46	11°17	24°45	13°46	F 27
S 28	8 25 13	7°14'21	5♈23	15°38	25°37	13°20	1° 4	11° 8	16°16	20°54	24° 4	9°D44	11°14	24°51	13°51	S 28
S 29	8 29 10	8°15'16	18°33	17° 1	26°52	14° 5	1° 1	11° 6	16°14	20°55	24° 3	9°45	11°11	24°58	13°57	S 29
M30	8 33 7	9°16'09	2♉ 0	18°25	28° 7	14°51	0°59	11° 5	16°11	20°56	24° 1	9°45	11° 7	25° 5	14° 2	M30
T 31	8 37 3	10♒17'01	15♉45	19♑50	29♒22	15♑37	0♎56	11♊ 3	16♌ 8	20♈57	24♌ 0	9°R45	11♈ 4	25♐12	14♑ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s 7	3n 2	0s22	20s10	3n13	22s54	1s12	23s47	0s29	0n51	1n19	20n43	1s37	16n22	0n43	6n29	1s44	23n27	10n45	5n 2	5n 1	28s 2	16s45	6n17	
M 2	23 2	9 19	0n49	20 11	3 12	22 43	1 14	23 50	0 29	0 50	1 20	20 43	1 37	16 22	0 43	6 29	1 44	23 27	10 46	5 2	4 59	28 2	16 44	6 17	
T 3	22 57	15 21	1 59	20 13	3 9	22 32	1 15	23 52	0 30	0 50	1 20	20 42	1 37	16 23	0 43	6 29	1 44	23 28	10 46	5 2	4 58	28 3	16 44	6 17	
W 4	22 52	20 45	3 4	20 17	3 4	22 19	1 17	23 54	0 31	0 49	1 20	20 42	1 37	16 23	0 43	6 29	1 44	23 29	10 46	5 0	4 57	28 4	16 43	6 17	
T 5	22 46	25 3	3 58	20 22	2 59	22 6	1 18	23 57	0 31	0 48	1 20	20 42	1 37	16 24	0 43	6 29	1 44	23 29	10 47	4 58	4 56	28 5	16 43	6 17	
F 6	22 39	27 42	4 37	20 29	2 52	21 53	1 19	23 58	0 32	0 48	1 21	20 41	1 36	16 25	0 43	6 30	1 44	23 30	10 47	4 54	4 54	28 5	16 42	6 17	
S 7	22 32	28 20	4 58	20 37	2 45	21 38	1 21	24 0	0 33	0 47	1 21	20 41	1 36	16 25	0 43	6 30	1 44	23 31	10 47	4 50	4 53	28 6	16 41	6 17	
S 8	22 25	26 48	4 57	20 46	2 36	21 23	1 22	24 1	0 33	0 47	1 21	20 41	1 36	16 26	0 43	6 30	1 44	23 31	10 48	4 45	4 52	28 7	16 41	6 17	
M 9	22 17	23 22	4 35	20 56	2 28	21 8	1 23	24 2	0 34	0 46	1 21	20 41	1 36	16 27	0 43	6 30	1 44	23 32	10 48	4 41	4 51	28 7	16 40	6 17	
T 10	22 8	18 29	3 55	21 6	2 19	20 52	1 24	24 3	0 34	0 46	1 22	20 40	1 36	16 27	0 43	6 30	1 44	23 32	10 48	4 37	4 49	28 8	16 40	6 17	
W11	22 0	12 42	3 2	21 16	2 10	20 35	1 25	24 4	0 35	0 46	1 22	20 40	1 35	16 28	0 43	6 30	1 44	23 33	10 48	4 35	4 48	28 9	16 39	6 17	
T 12	21 51	6 28	1 59	21 27	2 0	20 17	1 26	24 4	0 36	0 46	1 22	20 40	1 35	16 29	0 43	6 30	1 44	23 34	10 49	4 33	4 47	28 9	16 38	6 17	
F 13	21 41	0 11	0 52	21 37	1 51	19 59	1 27	24 4	0 36	0 46	1 23	20 40	1 35	16 30	0 43	6 31	1 44	23 34	10 49	4 32	4 46	28 10	16 38	6 18	
S 14	21 31	5s55	0s15	21 48	1 41	19 41	1 28	24 4	0 37	0 46	1 23	20 39	1 35	16 30	0 43	6 31	1 44	23 35	10 49	4 32	4 44	28 11	16 37	6 18	
S 15	21 21	11 36	1 20	21 58	1 31	19 22	1 28	24 3	0 37	0 46	1 23	20 39	1 35	16 31	0 43	6 31	1 44	23 36	10 49	4 32	4 43	28 11	16 37	6 18	
M16	21 10	16 44	2 20	22 7	1 22	19 2	1 29	24 3	0 38	0 46	1 23	20 39	1 34	16 32	0 44	6 31	1 43	23 36	10 50	4 32	4 42	28 12	16 36	6 18	
T 17	20 58	21 8	3 13	22 16	1 12	18 42	1 30	24 2	0 39	0 46	1 24	20 39	1 34	16 32	0 44	6 32	1 43	23 37	10 50	4 31	4 41	28 13	16 35	6 18	
W18	20 47	24 38	3 57	22 24	1 2	18 21	1 30	24 0	0 39	0 47	1 24	20 39	1 34	16 33	0 44	6 32	1 43	23 38	10 50	4 29	4 39	28 13	16 34	6 18	
T 19	20 35	27 4	4 30	22 32	0 53	18 0	1 31	23 59	0 40	0 47	1 24	20 39	1 34	16 34	0 44	6 32	1 43	23 38	10 50	4 25	4 38	28 14	16 34	6 18	
F 20	20 22	28 17	4 51	22 39	0 44	17 38	1 31	23 57	0 40	0 48	1 25	20 39	1 34	16 35	0 44	6 32	1 43	23 39	10 50	4 21	4 37	28 14	16 33	6 19	
S 21	20 10	28 13	5 1	22 45	0 35	17 16	1 32	23 55	0 41	0 48	1 25	20 38	1 33	16 35	0 44	6 33	1 43	23 40	10 51	4 16	4 36	28 15	16 32	6 19	
S 22	19 56	26 49	4 56	22 50	0 26	16 53	1 32	23 53	0 42	0 49	1 25	20 38	1 33	16 36	0 44	6 33	1 43	23 40	10 51	4 11	4 34	28 16	16 32	6 19	
M23	19 43	24 9	4 39	22 54	0 17	16 30	1 32	23 50	0 42	0 49	1 25	20 38	1 33	16 37	0 44	6 33	1 43	23 41	10 51	4 5	4 33	28 16	16 31	6 19	
T 24	19 29	20 23	4 8	22 57	0 8	16 6	1 32	23 47	0 43	0 50	1 26	20 38	1 33	16 38	0 44	6 34	1 43	23 42	10 51	4 1	4 32	28 17	16 30	6 19	
W25	19 15	15 41	3 26	22 59	0s 0	15 42	1 32	23 44	0 43	0 51	1 26	20 38	1 32	16 39	0 44	6 34	1 43	23 42	10 51	3 57	4 31	28 17	16 29	6 20	
T 26	19 0	10 17	2 32	23 0	0 9	15 17	1 32	23 41	0 44	0 52	1 26	20 38	1 32	16 39	0 44	6 34	1 43	23 43	10 52	3 54	4 30	28 18	16 29	6 20	
F 27	18 45	4 23	1 31	22 59	0 17	14 52	1 32	23 37	0 45	0 53	1 26	20 38	1 32	16 40	0 44	6 35	1 43	23 44	10 52	3 52	4 28	28 18	16 28	6 20	
S 28	18 30	1n47	0 23	22 58	0 25	14 27	1 32	23 34	0 45	0 54	1 27	20 38	1 32	16 41	0 44	6 35	1 43	23 44	10 52	3 52	4 27	28 19	16 27	6 20	
S 29	18 14	8 0	0n47	22 56	0 32	14 1	1 32	23 29	0 46	0 55	1 27	20 38	1 31	16 42	0 44	6 35	1 43	23 45	10 52	3 52	4 26	28 19	16 26	6 21	
M30	17 58	14 0	1 56	22 52	0 39	13 35	1 32	23 25	0 46	0 57	1 27	20 38	1 31	16 42	0 44	6 36	1 43	23 46	10 52	3 52	4 25	28 20	16 26	6 21	
T 31	17s42	19n27	3n 0	22s47	0s47	13s 8	1s31	23s21	0s47	0n58	1n28	20n38	1s31	16n43	0n44	6n36	1s43	23n46	10n53	3n52	4n23	28s20	16s25	6n21	

Julian Day Number = 2344893.5, Delta T = 11.97 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'51, Lahiri = 19°46'51Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1708
geocentric

FEBRUARY 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 41 0	11♒17'51	29♉50	21♑16	0♓37	16♑22	0°R53	11°R 2	16°R 6	20♈58	23°R58	9°R44	11♈ 1	25♐18	14♑13	W 1
T 2	8 44 56	12°18'40	14♊15	22°43	1°52	17° 8	0♎50	11♊ 1	16♌ 3	20°59	23♌57	9♈40	10°58	25°25	14°18	T 2
F 3	8 48 53	13°19'28	28°56	24°10	3° 7	17°53	0°47	11° 0	16° 0	21° 0	23°55	9°34	10°55	25°32	14°24	F 3
S 4	8 52 49	14°20'14	13♋47	25°39	4°21	18°39	0°44	10°59	15°58	21° 1	23°54	9°26	10°52	25°39	14°29	S 4
S 5	8 56 46	15°20'59	28°42	27° 8	5°36	19°25	0°40	10°58	15°55	21° 3	23°52	9°17	10°48	25°45	14°34	S 5
M 6	9 0 42	16°21'42	13♌30	28°39	6°51	20°11	0°37	10°58	15°53	21° 4	23°51	9° 8	10°45	25°52	14°39	M 6
T 7	9 4 39	17°22'24	28° 5	0♒10	8° 6	20°56	0°33	10°57	15°50	21° 5	23°49	9° 1	10°42	25°59	14°45	T 7
W 8	9 8 36	18°23'04	12♍18	1°42	9°20	21°42	0°29	10°57	15°47	21° 6	23°48	8°56	10°39	26° 5	14°50	W 8
T 9	9 12 32	19°23'44	26° 5	3°15	10°35	22°28	0°24	10°56	15°45	21° 7	23°46	8°53	10°36	26°12	14°55	T 9
F 10	9 16 29	20°24'21	9♎26	4°49	11°49	23°14	0°20	10°56	15°42	21° 9	23°45	8°D52	10°33	26°19	15° 0	F 10
S 11	9 20 25	21°24'58	22°22	6°23	13° 4	24° 0	0°15	10°56	15°40	21°10	23°43	8°53	10°29	26°26	15° 5	S 11
S 12	9 24 22	22°25'34	4♏55	7°59	14°19	24°46	0°11	10°D56	15°37	21°11	23°42	8°54	10°26	26°32	15°10	S 12
M13	9 28 18	23°26'08	17°10	9°35	15°33	25°32	0° 6	10°56	15°34	21°13	23°40	8°55	10°23	26°39	15°15	M13
T 14	9 32 15	24°26'41	29°12	11°12	16°48	26°18	0° 1	10°56	15°32	21°14	23°39	8°R55	10°20	26°46	15°20	T 14
W15	9 36 11	25°27'13	11♐ 6	12°51	18° 2	27° 4	29♍55	10°56	15°29	21°16	23°37	8°54	10°17	26°52	15°25	W15
T 16	9 40 8	26°27'44	22°57	14°30	19°16	27°50	29°50	10°57	15°27	21°17	23°36	8°50	10°13	26°59	15°30	T 16
F 17	9 44 5	27°28'13	4♑49	16°10	20°31	28°36	29°45	10°57	15°24	21°18	23°34	8°45	10°10	27° 6	15°34	F 17
S 18	9 48 1	28°28'41	16°46	17°51	21°45	29°22	29°39	10°58	15°21	21°20	23°33	8°38	10° 7	27°13	15°39	S 18
S 19	9 51 58	29°29'08	28°52	19°32	22°59	0♒ 8	29°33	10°59	15°19	21°22	23°32	8°31	10° 4	27°19	15°44	S 19
M20	9 55 54	0♓29'32	11♒ 8	21°15	24°14	0°54	29°27	11° 0	15°16	21°23	23°30	8°24	10° 1	27°26	15°48	M20
T 21	9 59 51	1°29'56	23°36	22°59	25°28	1°40	29°21	11° 1	15°14	21°25	23°29	8°17	9°58	27°33	15°53	T 21
W22	10 3 47	2°30'17	6♓16	24°44	26°42	2°26	29°15	11° 2	15°11	21°26	23°27	8°12	9°54	27°39	15°58	W22
T 23	10 7 44	3°30'37	19° 8	26°30	27°56	3°13	29° 9	11° 3	15° 9	21°28	23°26	8° 8	9°51	27°46	16° 2	T 23
F 24	10 11 40	4°30'55	2♈13	28°16	29°11	3°59	29° 2	11° 5	15° 7	21°30	23°24	8°D 7	9°48	27°53	16° 6	F 24
S 25	10 15 37	5°31'11	15°29	0♓ 4	0♈25	4°45	28°56	11° 6	15° 4	21°31	23°23	8° 7	9°45	28° 0	16°11	S 25
S 26	10 19 34	6°31'25	28°57	1°53	1°39	5°31	28°49	11° 8	15° 2	21°33	23°21	8° 8	9°42	28° 6	16°15	S 26
M27	10 23 30	7°31'37	12♉37	3°43	2°53	6°18	28°42	11° 9	14°59	21°35	23°20	8° 9	9°39	28°13	16°19	M27
T 28	10 27 27	8°31'47	26°29	5°34	4° 7	7° 4	28°36	11°11	14°57	21°36	23°18	8°11	9°35	28°20	16°24	T 28
W29	10 31 23	9♓31'55	10♊31	7♓26	5♈21	7♒50	28♍29	11♊13	14♌55	21♈38	23♌17	8°R11	9♈32	28♐27	16♑28	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s25	23n58	3n55	22s41	0s53	12s42	1s31	23s16	0s47	0n59	1n28	20n38	1s31	16n44	0n44	6n37	1s43	23n47	10n53	3n52	4n22	28s21	16s24	6n21
T 2	17 8	27 7	4 36	22 33	1 0	12 14	1 31	23 10	0 48	1 1	1 28	20 38	1 30	16 45	0 44	6 37	1 43	23 47	10 53	3 50	4 21	28 21	16 23	6 22
F 3	16 51	28 28	5 0	22 24	1 6	11 47	1 30	23 5	0 49	1 2	1 28	20 38	1 30	16 46	0 44	6 38	1 43	23 48	10 53	3 48	4 20	28 22	16 22	6 22
S 4	16 33	27 48	5 4	22 14	1 12	11 19	1 30	22 59	0 49	1 4	1 29	20 39	1 30	16 46	0 44	6 38	1 42	23 49	10 53	3 45	4 18	28 22	16 21	6 22
S 5	16 16	25 9	4 48	22 3	1 18	10 51	1 29	22 54	0 50	1 5	1 29	20 39	1 30	16 47	0 44	6 39	1 42	23 49	10 53	3 41	4 17	28 23	16 21	6 22
M 6	15 58	20 49	4 12	21 50	1 24	10 23	1 28	22 47	0 50	1 7	1 29	20 39	1 29	16 48	0 44	6 39	1 42	23 50	10 53	3 38	4 16	28 23	16 20	6 23
T 7	15 39	15 18	3 21	21 36	1 29	9 54	1 27	22 41	0 51	1 9	1 29	20 39	1 29	16 49	0 44	6 40	1 42	23 51	10 53	3 35	4 15	28 24	16 19	6 23
W 8	15 21	9 5	2 18	21 20	1 34	9 25	1 26	22 34	0 51	1 11	1 30	20 39	1 29	16 50	0 44	6 40	1 42	23 51	10 54	3 33	4 13	28 24	16 18	6 23
T 9	15 2	2 36	1 8	21 4	1 39	8 56	1 25	22 28	0 52	1 13	1 30	20 39	1 29	16 50	0 44	6 41	1 42	23 52	10 54	3 32	4 12	28 24	16 17	6 24
F 10	14 43	3s48	0s 3	20 45	1 43	8 26	1 24	22 20	0 53	1 15	1 30	20 40	1 29	16 51	0 44	6 41	1 42	23 52	10 54	3 31	4 11	28 25	16 16	6 24
S 11	14 23	9 50	1 12	20 26	1 47	7 57	1 23	22 13	0 53	1 17	1 30	20 40	1 28	16 52	0 44	6 42	1 42	23 53	10 54	3 32	4 10	28 25	16 16	6 24
S 12	14 4	15 19	2 16	20 5	1 51	7 27	1 22	22 5	0 54	1 19	1 30	20 40	1 28	16 53	0 44	6 42	1 42	23 54	10 54	3 32	4 8	28 26	16 15	6 25
M13	13 44	20 3	3 12	19 43	1 54	6 57	1 21	21 58	0 54	1 21	1 31	20 40	1 28	16 54	0 44	6 43	1 42	23 54	10 54	3 33	4 7	28 26	16 14	6 25
T 14	13 24	23 53	3 58	19 19	1 57	6 27	1 20	21 49	0 55	1 23	1 31	20 41	1 28	16 54	0 44	6 43	1 42	23 55	10 54	3 33	4 6	28 26	16 13	6 25
W15	13 3	26 39	4 34	18 54	1 59	5 56	1 18	21 41	0 55	1 25	1 31	20 41	1 27	16 55	0 44	6 44	1 42	23 55	10 54	3 32	4 5	28 27	16 12	6 26
T 16	12 43	28 14	4 57	18 27	2 2	5 26	1 17	21 33	0 56	1 28	1 31	20 41	1 27	16 56	0 44	6 44	1 42	23 56	10 54	3 31	4 3	28 27	16 11	6 26
F 17	12 22	28 31	5 8	17 59	2 4	4 55	1 16	21 24	0 56	1 30	1 32	20 42	1 27	16 57	0 44	6 45	1 42	23 57	10 54	3 29	4 2	28 28	16 10	6 26
S 18	12 1	27 29	5 6	17 30	2 5	4 25	1 14	21 15	0 57	1 33	1 32	20 42	1 27	16 57	0 44	6 46	1 42	23 57	10 54	3 26	4 1	28 28	16 9	6 27
S 19	11 40	25 9	4 50	16 59	2 6	3 54	1 12	21 5	0 57	1 35	1 32	20 42	1 26	16 58	0 44	6 46	1 42	23 58	10 54	3 23	4 0	28 28	16 8	6 27
M20	11 19	21 38	4 20	16 26	2 7	3 23	1 11	20 56	0 58	1 38	1 32	20 43	1 26	16 59	0 44	6 47	1 42	23 58	10 54	3 20	3 58	28 29	16 7	6 28
T 21	10 58	17 6	3 38	15 53	2 7	2 52	1 9	20 46	0 58	1 40	1 32	20 43	1 26	17 0	0 44	6 48	1 42	23 59	10 54	3 17	3 57	28 29	16 7	6 28
W22	10 36	11 47	2 45	15 18	2 7	2 20	1 7	20 36	0 59	1 43	1 32	20 43	1 26	17 0	0 44	6 48	1 42	23 59	10 54	3 15	3 56	28 29	16 6	6 28
T 23	10 14	5 52	1 42	14 41	2 6	1 49	1 5	20 26	0 59	1 45	1 33	20 44	1 25	17 1	0 44	6 49	1 42	24 0	10 55	3 14	3 55	28 30	16 5	6 29
F 24	9 52	0n23	0 32	14 3	2 5	1 18	1 3	20 16	1 0	1 48	1 33	20 44	1 25	17 2	0 44	6 49	1 42	24 0	10 55	3 13	3 53	28 30	16 4	6 29
S 25	9 30	6 44	0n40	13 24	2 4	0 47	1 1	20 5	1 0	1 51	1 33	20 45	1 25	17 2	0 44	6 50	1 42	24 1	10 55	3 13	3 52	28 30	16 3	6 30
S 26	9 8	12 51	1 51	12 43	2 2	0 15	0 59	19 54	1 1	1 54	1 33	20 45	1 25	17 3	0 44	6 51	1 41	24 1	10 55	3 14	3 51	28 30	16 2	6 30
M27	8 46	18 28	2 57	12 1	1 59	0n16	0 57	19 43	1 1	1 56	1 33	20 46	1 24	17 4	0 44	6 51	1 41	24 2	10 55	3 14	3 50	28 31	16 1	6 31
T 28	8 23	23 11	3 54	11 17	1 56	0 48	0 55	19 32	1 2	1 59	1 33	20 46	1 24	17 4	0 44	6 52	1 41	24 2	10 55	3 15	3 48	28 31	16 0	6 31
W29	8s 1	26n38	4n38	10s32	1s53	1n19	0s53	19s21	1s 2	2n 2	1n34	20n47	1s24	17n 5	0n44	6n53	1s41	24n 3	10n55	3n15	3n47	28s31	15s59	6n31

Julian Day Number = 2344924.5, Delta T = 11.95 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'55, Lahiri = 19°46'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

MARCH 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 20	10♓32'01	24♊44	9♓19	6♈35	8♒37	28°R22	11♊15	14°R52	21♈40	23°R15	8°R11	9♈29	28♐33	16♑32	T 1
F 2	10 39 16	11°32'05	9♋ 5	11°12	7°48	9°23	28♍14	11°17	14♌50	21°42	23♌14	8♈ 9	9°26	28°40	16°36	F 2
S 3	10 43 13	12°32'06	23°30	13° 7	9° 2	10° 9	28° 7	11°19	14°48	21°44	23°13	8° 6	9°23	28°47	16°40	S 3
S 4	10 47 9	13°32'06	7♌55	15° 3	10°16	10°56	28° 0	11°22	14°46	21°46	23°11	8° 2	9°19	28°53	16°44	S 4
M 5	10 51 6	14°32'03	22°16	16°59	11°30	11°42	27°53	11°24	14°43	21°47	23°10	7°59	9°16	29° 0	16°48	M 5
T 6	10 55 3	15°31'58	6♍25	18°56	12°43	12°28	27°45	11°27	14°41	21°49	23° 9	7°56	9°13	29° 7	16°52	T 6
W 7	10 58 59	16°31'51	20°20	20°54	13°57	13°15	27°38	11°29	14°39	21°51	23° 7	7°54	9°10	29°14	16°55	W 7
T 8	11 2 56	17°31'42	3♎56	22°52	15°10	14° 1	27°30	11°32	14°37	21°53	23° 6	7°D53	9° 7	29°20	16°59	T 8
F 9	11 6 52	18°31'31	17°11	24°50	16°24	14°48	27°23	11°35	14°35	21°55	23° 4	7°53	9° 4	29°27	17° 3	F 9
S 10	11 10 49	19°31'19	0♏ 5	26°49	17°37	15°34	27°15	11°38	14°33	21°57	23° 3	7°54	9° 0	29°34	17° 6	S 10
S 11	11 14 45	20°31'04	12°40	28°47	18°51	16°21	27° 7	11°41	14°31	21°59	23° 2	7°55	8°57	29°40	17°10	S 11
M12	11 18 42	21°30'48	24°58	0♈45	20° 4	17° 7	27° 0	11°44	14°29	22° 1	23° 1	7°57	8°54	29°47	17°13	M12
T 13	11 22 38	22°30'30	7♐ 3	2°42	21°17	17°54	26°52	11°47	14°27	22° 3	22°59	7°58	8°51	29°54	17°16	T 13
W14	11 26 35	23°30'11	19° 0	4°38	22°30	18°40	26°44	11°51	14°25	22° 5	22°58	7°R59	8°48	0♑ 1	17°20	W14
T 15	11 30 32	24°29'50	0♑53	6°33	23°44	19°27	26°37	11°54	14°23	22° 7	22°57	7°59	8°44	0° 7	17°23	T 15
F 16	11 34 28	25°29'27	12°46	8°26	24°57	20°13	26°29	11°58	14°22	22° 9	22°56	7°58	8°41	0°14	17°26	F 16
S 17	11 38 25	26°29'02	24°45	10°17	26°10	21° 0	26°21	12° 1	14°20	22°11	22°54	7°57	8°38	0°21	17°29	S 17
S 18	11 42 21	27°28'35	6♒54	12° 6	27°23	21°46	26°13	12° 5	14°18	22°13	22°53	7°55	8°35	0°28	17°32	S 18
M19	11 46 18	28°28'07	19°15	13°51	28°36	22°33	26° 5	12° 9	14°17	22°15	22°52	7°54	8°32	0°34	17°35	M19
T 20	11 50 14	29°27'37	1♓52	15°32	29°49	23°19	25°58	12°13	14°15	22°18	22°51	7°53	8°29	0°41	17°38	T 20
W21	11 54 11	0♈27'04	14°46	17°10	1♉ 2	24° 6	25°50	12°17	14°13	22°20	22°50	7°52	8°25	0°48	17°41	W21
T 22	11 58 7	1°26'30	27°58	18°44	2°14	24°52	25°42	12°21	14°12	22°22	22°49	7°51	8°22	0°54	17°43	T 22
F 23	12 2 4	2°25'53	11♈26	20°12	3°27	25°39	25°35	12°25	14°10	22°24	22°48	7°D51	8°19	1° 1	17°46	F 23
S 24	12 6 0	3°25'15	25° 8	21°36	4°40	26°25	25°27	12°29	14° 9	22°26	22°46	7°51	8°16	1° 8	17°49	S 24
S 25	12 9 57	4°24'34	9♉ 4	22°54	5°52	27°12	25°19	12°34	14° 7	22°28	22°45	7°52	8°13	1°15	17°51	S 25
M26	12 13 54	5°23'52	23° 8	24° 6	7° 5	27°59	25°12	12°38	14° 6	22°30	22°44	7°52	8°10	1°21	17°54	M26
T 27	12 17 50	6°23'07	7♊19	25°12	8°17	28°45	25° 4	12°43	14° 5	22°33	22°43	7°52	8° 6	1°28	17°56	T 27
W28	12 21 47	7°22'20	21°33	26°12	9°30	29°32	24°57	12°47	14° 3	22°35	22°42	7°52	8° 3	1°35	17°58	W28
T 29	12 25 43	8°21'30	5♋47	27° 5	10°42	0♓18	24°49	12°52	14° 2	22°37	22°41	7°52	8° 0	1°41	18° 0	T 29
F 30	12 29 40	9°20'38	19°58	27°51	11°54	1° 5	24°42	12°57	14° 1	22°39	22°40	7°52	7°57	1°48	18° 3	F 30
S 31	12 33 36	10♈19'44	4♌ 6	28♈31	13♉ 7	1♓51	24♍35	13♊ 2	14♌ 0	22♈41	22♌40	7♈52	7♈54	1♑55	18♑ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s38	28n27	5n 5	9s46	1s49	1n50	0s51	19s 9	1s 3	2n 5	1n34	20n47	1s24	17n 6	0n44	6n54	1s41	24n 3	10n55	3n15	3n46	28s31	15s58	6n32
F 2	7 15	28 23	5 13	8 59	1 44	2 22	0 48	18 57	1 3	2 8	1 34	20 48	1 23	17 6	0 44	6 54	1 41	24 4	10 54	3 14	3 45	28 32	15 57	6 32
S 3	6 52	26 23	5 2	8 10	1 39	2 53	0 46	18 45	1 4	2 11	1 34	20 48	1 23	17 7	0 44	6 55	1 41	24 4	10 54	3 13	3 43	28 32	15 56	6 33
S 4	6 29	22 42	4 32	7 20	1 33	3 24	0 44	18 33	1 4	2 14	1 34	20 49	1 23	17 8	0 44	6 56	1 41	24 5	10 54	3 12	3 42	28 32	15 55	6 33
M 5	6 6	17 39	3 45	6 29	1 27	3 55	0 41	18 21	1 5	2 17	1 34	20 49	1 23	17 8	0 44	6 56	1 41	24 5	10 54	3 10	3 41	28 32	15 55	6 34
T 6	5 43	11 43	2 44	5 37	1 20	4 26	0 39	18 8	1 5	2 20	1 34	20 50	1 22	17 9	0 44	6 57	1 41	24 6	10 54	3 9	3 40	28 33	15 54	6 34
W 7	5 19	5 18	1 35	4 43	1 12	4 57	0 36	17 55	1 6	2 23	1 34	20 50	1 22	17 10	0 44	6 58	1 41	24 6	10 54	3 8	3 38	28 33	15 53	6 35
T 8	4 56	1s14	0 22	3 49	1 4	5 28	0 34	17 42	1 6	2 26	1 35	20 51	1 22	17 10	0 44	6 59	1 41	24 6	10 54	3 8	3 37	28 33	15 52	6 35
F 9	4 33	7 33	0s51	2 54	0 56	5 59	0 31	17 29	1 6	2 29	1 35	20 52	1 22	17 11	0 44	6 59	1 41	24 7	10 54	3 8	3 36	28 33	15 51	6 36
S 10	4 9	13 23	1 59	1 59	0 47	6 29	0 28	17 16	1 7	2 33	1 35	20 52	1 22	17 11	0 44	7 0	1 41	24 7	10 54	3 8	3 35	28 33	15 50	6 36
S 11	3 46	18 31	3 0	1 3	0 37	7 0	0 26	17 2	1 7	2 36	1 35	20 53	1 21	17 12	0 44	7 1	1 41	24 7	10 54	3 9	3 33	28 33	15 49	6 37
M12	3 22	22 47	3 51	0 7	0 27	7 30	0 23	16 48	1 8	2 39	1 35	20 54	1 21	17 12	0 43	7 2	1 41	24 8	10 54	3 9	3 32	28 34	15 48	6 37
T 13	2 59	25 59	4 31	0n50	0 16	8 0	0 20	16 35	1 8	2 42	1 35	20 54	1 21	17 13	0 43	7 2	1 41	24 8	10 54	3 10	3 31	28 34	15 47	6 38
W14	2 35	27 59	4 59	1 46	0 5	8 30	0 17	16 21	1 9	2 45	1 35	20 55	1 21	17 14	0 43	7 3	1 41	24 9	10 54	3 10	3 30	28 34	15 46	6 38
T 15	2 11	28 42	5 14	2 42	0n 7	9 0	0 14	16 6	1 9	2 48	1 35	20 56	1 20	17 14	0 43	7 4	1 41	24 9	10 54	3 10	3 28	28 34	15 45	6 39
F 16	1 48	28 5	5 15	3 38	0 18	9 30	0 12	15 52	1 9	2 51	1 35	20 56	1 20	17 15	0 43	7 5	1 41	24 9	10 54	3 10	3 27	28 34	15 44	6 39
S 17	1 24	26 10	5 3	4 33	0 31	9 59	0 9	15 38	1 10	2 54	1 35	20 57	1 20	17 15	0 43	7 6	1 41	24 10	10 53	3 9	3 26	28 34	15 43	6 40
S 18	1 0	23 2	4 37	5 27	0 43	10 28	0 6	15 23	1 10	2 58	1 35	20 58	1 20	17 16	0 43	7 6	1 41	24 10	10 53	3 9	3 25	28 34	15 43	6 40
M19	0 37	18 50	3 58	6 19	0 55	10 57	0 3	15 8	1 11	3 1	1 35	20 58	1 20	17 16	0 43	7 7	1 41	24 10	10 53	3 8	3 23	28 34	15 42	6 41
T 20	0 13	13 43	3 6	7 10	1 8	11 26	0n 0	14 53	1 11	3 4	1 35	20 59	1 19	17 16	0 43	7 8	1 41	24 10	10 53	3 8	3 22	28 35	15 41	6 41
W21	0n11	7 55	2 4	7 59	1 20	11 54	0 3	14 38	1 11	3 7	1 35	21 0	1 19	17 17	0 43	7 9	1 41	24 11	10 53	3 7	3 21	28 35	15 40	6 42
T 22	0 34	1 39	0 55	8 46	1 32	12 22	0 6	14 23	1 12	3 10	1 35	21 1	1 19	17 17	0 43	7 10	1 41	24 11	10 53	3 7	3 20	28 35	15 39	6 43
F 23	0 58	4n50	0n20	9 31	1 44	12 50	0 9	14 7	1 12	3 13	1 35	21 1	1 19	17 18	0 43	7 10	1 41	24 11	10 53	3 7	3 18	28 35	15 38	6 43
S 24	1 22	11 12	1 34	10 13	1 56	13 18	0 12	13 52	1 12	3 16	1 35	21 2	1 18	17 18	0 43	7 11	1 41	24 11	10 53	3 7	3 17	28 35	15 37	6 44
S 25	1 45	17 8	2 44	10 53	2 7	13 45	0 16	13 36	1 13	3 19	1 35	21 3	1 18	17 18	0 43	7 12	1 41	24 12	10 53	3 7	3 16	28 35	15 36	6 44
M26	2 9	22 13	3 45	11 29	2 17	14 12	0 19	13 20	1 13	3 22	1 35	21 4	1 18	17 19	0 43	7 13	1 41	24 12	10 52	3 8	3 14	28 35	15 35	6 45
T 27	2 32	26 3	4 33	12 3	2 27	14 38	0 22	13 4	1 13	3 25	1 35	21 4	1 18	17 19	0 43	7 14	1 41	24 12	10 52	3 8	3 13	28 35	15 35	6 45
W28	2 56	28 16	5 4	12 33	2 36	15 4	0 25	12 48	1 14	3 28	1 35	21 5	1 18	17 20	0 43	7 15	1 41	24 12	10 52	3 8	3 12	28 35	15 34	6 46
T 29	3 19	28 38	5 17	13 0	2 45	15 30	0 28	12 32	1 14	3 31	1 35	21 6	1 17	17 20	0 43	7 15	1 41	24 13	10 52	3 8	3 11	28 35	15 33	6 47
F 30	3 43	27 6	5 10	13 24	2 52	15 56	0 31	12 16	1 14	3 34	1 35	21 7	1 17	17 20	0 43	7 16	1 41	24 13	10 52	3 8	3 9	28 35	15 32	6 47
S 31	4n 6	23n52	4n44	13n44	2n58	16n21	0n34	12s 0	1s15	3n36	1n35	21n 8	1s17	17n20	0n43	7n17	1s41	24n13	10n52	3n 8	3n 8	28s35	15s31	6n48

Julian Day Number = 2344953.5, Delta T = 11.94 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°39'59, Lahiri = 19°46'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

APRIL 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 33	11♈18'47	18♌ 6	29♈ 4	14♉19	2♓38	24°R27	13♊ 7	13°R59	22♈44	22°R39	7♈53	7♈50	2♑ 2	18♑ 7	S 1
M 2	12 41 29	12°17'48	1♍57	29°30	15°31	3°24	24♍20	13°12	13♌58	22°46	22♌38	7°53	7°47	2° 8	18° 8	M 2
T 3	12 45 26	13°16'46	15°38	29°49	16°43	4°11	24°13	13°17	13°57	22°48	22°37	7°54	7°44	2°15	18°10	T 3
W 4	12 49 23	14°15'43	29° 6	0♉ 1	17°55	4°57	24° 6	13°22	13°56	22°50	22°36	7°54	7°41	2°22	18°12	W 4
T 5	12 53 19	15°14'37	12♎20	0°R 7	19° 6	5°44	23°59	13°27	13°55	22°53	22°35	7°R54	7°38	2°29	18°14	T 5
F 6	12 57 16	16°13'29	25°19	0° 5	20°18	6°30	23°53	13°33	13°54	22°55	22°34	7°54	7°35	2°35	18°15	F 6
S 7	13 1 12	17°12'20	8♏ 3	29♈58	21°30	7°17	23°46	13°38	13°53	22°57	22°34	7°53	7°31	2°42	18°17	S 7
S 8	13 5 9	18°11'08	20°33	29°44	22°41	8° 3	23°40	13°43	13°53	22°59	22°33	7°52	7°28	2°49	18°18	S 8
M 9	13 9 5	19° 9'55	2♐49	29°25	23°53	8°50	23°33	13°49	13°52	23° 2	22°32	7°50	7°25	2°55	18°20	M 9
T 10	13 13 2	20° 8'40	14°54	29° 0	25° 4	9°36	23°27	13°55	13°51	23° 4	22°32	7°48	7°22	3° 2	18°21	T 10
W11	13 16 58	21° 7'23	26°51	28°31	26°16	10°23	23°21	14° 0	13°51	23° 6	22°31	7°47	7°19	3° 9	18°22	W11
T 12	13 20 55	22° 6'04	8♑45	27°58	27°27	11° 9	23°14	14° 6	13°50	23° 8	22°30	7°46	7°16	3°16	18°23	T 12
F 13	13 24 52	23° 4'44	20°38	27°22	28°38	11°56	23° 9	14°12	13°50	23°11	22°30	7°D45	7°12	3°22	18°24	F 13
S 14	13 28 48	24° 3'22	2♒37	26°42	29°49	12°42	23° 3	14°18	13°50	23°13	22°29	7°45	7° 9	3°29	18°25	S 14
S 15	13 32 45	25° 1'58	14°45	26° 2	1♊ 0	13°29	22°57	14°24	13°49	23°15	22°29	7°46	7° 6	3°36	18°26	S 15
M16	13 36 41	26° 0'33	27° 7	25°19	2°11	14°15	22°51	14°30	13°49	23°18	22°28	7°47	7° 3	3°42	18°27	M16
T 17	13 40 38	26°59'05	9♓48	24°37	3°22	15° 1	22°46	14°36	13°49	23°20	22°28	7°49	7° 0	3°49	18°27	T 17
W18	13 44 34	27°57'36	22°49	23°55	4°33	15°48	22°41	14°42	13°48	23°22	22°27	7°50	6°56	3°56	18°28	W18
T 19	13 48 31	28°56'06	6♈12	23°15	5°43	16°34	22°36	14°48	13°48	23°24	22°27	7°R51	6°53	4° 3	18°29	T 19
F 20	13 52 27	29°54'33	19°58	22°36	6°54	17°20	22°31	14°54	13°48	23°27	22°26	7°50	6°50	4° 9	18°29	F 20
S 21	13 56 24	0♉52'59	4♉ 5	22° 0	8° 5	18° 7	22°26	15° 1	13°D48	23°29	22°26	7°49	6°47	4°16	18°29	S 21
S 22	14 0 21	1°51'23	18°27	21°27	9°15	18°53	22°21	15° 7	13°48	23°31	22°25	7°46	6°44	4°23	18°30	S 22
M23	14 4 17	2°49'45	3♊ 1	20°58	10°25	19°39	22°17	15°14	13°48	23°33	22°25	7°43	6°41	4°30	18°30	M23
T 24	14 8 14	3°48'05	17°38	20°32	11°35	20°25	22°12	15°20	13°48	23°36	22°25	7°39	6°37	4°36	18°30	T 24
W25	14 12 10	4°46'23	2♋13	20°11	12°46	21°12	22° 8	15°27	13°49	23°38	22°25	7°36	6°34	4°43	18°R30	W25
T 26	14 16 7	5°44'40	16°40	19°54	13°56	21°58	22° 4	15°33	13°49	23°40	22°24	7°34	6°31	4°50	18°30	T 26
F 27	14 20 3	6°42'54	0♌56	19°42	15° 5	22°44	22° 0	15°40	13°49	23°42	22°24	7°D33	6°28	4°56	18°30	F 27
S 28	14 24 0	7°41'05	14°57	19°34	16°15	23°30	21°56	15°47	13°50	23°44	22°24	7°33	6°25	5° 3	18°30	S 28
S 29	14 27 56	8°39'15	28°43	19°D32	17°25	24°16	21°53	15°53	13°50	23°47	22°24	7°34	6°22	5°10	18°30	S 29
M30	14 31 53	9♉37'23	12♍14	19♈34	18♊34	25♓ 2	21♍49	16♊ 0	13♌50	23♈49	22♌24	7♈35	6♈18	5♑17	18♑29	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n29	19n16	4n 2	14n 1	3n 4	16n45	0n37	11s43	1s15	3n39	1n35	21n 8	1s17	17n21	0n43	7n18	1s41	24n13	10n51	3n 8	3n 7	28s35	15s30	6n48
M 2	4 52	13 42	3 6	14 14	3 8	17 10	0 41	11 27	1 15	3 42	1 35	21 9	1 17	17 21	0 43	7 19	1 41	24 13	10 51	3 8	3 6	28 35	15 30	6 49
T 3	5 15	7 31	2 0	14 24	3 10	17 33	0 44	11 10	1 15	3 45	1 35	21 10	1 16	17 21	0 43	7 20	1 41	24 13	10 51	3 8	3 4	28 35	15 29	6 49
W 4	5 38	1 6	0 49	14 29	3 12	17 57	0 47	10 53	1 16	3 47	1 35	21 11	1 16	17 22	0 43	7 20	1 41	24 13	10 51	3 8	3 3	28 35	15 28	6 50
T 5	6 1	5s16	0s25	14 31	3 12	18 20	0 50	10 36	1 16	3 50	1 34	21 12	1 16	17 22	0 43	7 21	1 41	24 14	10 51	3 8	3 2	28 35	15 27	6 51
F 6	6 23	11 17	1 35	14 30	3 11	18 42	0 53	10 19	1 16	3 53	1 34	21 13	1 16	17 22	0 43	7 22	1 41	24 14	10 51	3 8	3 1	28 35	15 26	6 51
S 7	6 46	16 44	2 39	14 24	3 8	19 4	0 56	10 2	1 17	3 55	1 34	21 13	1 16	17 22	0 43	7 23	1 41	24 14	10 50	3 8	2 59	28 35	15 26	6 52
S 8	7 9	21 22	3 35	14 15	3 3	19 26	0 59	9 45	1 17	3 58	1 34	21 14	1 15	17 22	0 43	7 24	1 41	24 14	10 50	3 7	2 58	28 35	15 25	6 52
M 9	7 31	24 59	4 19	14 3	2 58	19 47	1 2	9 28	1 17	4 0	1 34	21 15	1 15	17 22	0 43	7 25	1 41	24 14	10 50	3 7	2 57	28 35	15 24	6 53
T 10	7 53	27 26	4 51	13 47	2 50	20 7	1 5	9 10	1 17	4 3	1 34	21 16	1 15	17 23	0 43	7 25	1 41	24 14	10 50	3 6	2 56	28 34	15 23	6 54
W11	8 15	28 36	5 10	13 29	2 41	20 28	1 9	8 53	1 17	4 5	1 34	21 17	1 15	17 23	0 43	7 26	1 41	24 14	10 50	3 5	2 54	28 34	15 23	6 54
T 12	8 37	28 26	5 16	13 7	2 31	20 47	1 12	8 35	1 18	4 7	1 34	21 18	1 15	17 23	0 43	7 27	1 41	24 14	10 49	3 5	2 53	28 34	15 22	6 55
F 13	8 59	26 58	5 8	12 43	2 20	21 6	1 15	8 18	1 18	4 9	1 33	21 19	1 15	17 23	0 43	7 28	1 41	24 14	10 49	3 5	2 52	28 34	15 21	6 55
S 14	9 21	24 15	4 47	12 17	2 7	21 24	1 18	8 0	1 18	4 12	1 33	21 19	1 14	17 23	0 43	7 29	1 41	24 14	10 49	3 5	2 51	28 34	15 20	6 56
S 15	9 42	20 27	4 12	11 49	1 53	21 42	1 20	7 43	1 18	4 14	1 33	21 20	1 14	17 23	0 43	7 30	1 41	24 14	10 49	3 5	2 49	28 34	15 20	6 57
M16	10 4	15 43	3 26	11 20	1 38	22 0	1 23	7 25	1 18	4 16	1 33	21 21	1 14	17 23	0 43	7 30	1 41	24 14	10 49	3 6	2 48	28 34	15 19	6 57
T 17	10 25	10 12	2 28	10 50	1 22	22 16	1 26	7 7	1 19	4 18	1 33	21 22	1 14	17 23	0 42	7 31	1 41	24 14	10 48	3 6	2 47	28 34	15 18	6 58
W18	10 46	4 7	1 22	10 19	1 6	22 33	1 29	6 49	1 19	4 20	1 33	21 23	1 14	17 23	0 42	7 32	1 41	24 14	10 48	3 7	2 46	28 33	15 18	6 58
T 19	11 7	2n20	0 9	9 49	0 49	22 48	1 32	6 31	1 19	4 22	1 33	21 24	1 14	17 23	0 42	7 33	1 41	24 14	10 48	3 7	2 44	28 33	15 17	6 59
F 20	11 28	8 51	1n 6	9 19	0 33	23 3	1 35	6 13	1 19	4 24	1 32	21 25	1 13	17 23	0 42	7 34	1 41	24 14	10 48	3 7	2 43	28 33	15 16	7 0
S 21	11 48	15 5	2 19	8 49	0 16	23 18	1 37	5 55	1 19	4 25	1 32	21 25	1 13	17 23	0 42	7 35	1 41	24 14	10 47	3 6	2 42	28 33	15 16	7 0
S 22	12 8	20 38	3 25	8 21	0s 1	23 31	1 40	5 37	1 19	4 27	1 32	21 26	1 13	17 23	0 42	7 35	1 41	24 14	10 47	3 5	2 41	28 33	15 15	7 1
M23	12 28	25 0	4 18	7 55	0 18	23 45	1 43	5 19	1 19	4 29	1 32	21 27	1 13	17 23	0 42	7 36	1 41	24 13	10 47	3 4	2 39	28 33	15 14	7 1
T 24	12 48	27 47	4 54	7 30	0 34	23 57	1 45	5 1	1 20	4 30	1 32	21 28	1 13	17 23	0 42	7 37	1 41	24 13	10 47	3 3	2 38	28 32	15 14	7 2
W25	13 8	28 39	5 12	7 7	0 50	24 9	1 48	4 43	1 20	4 32	1 32	21 29	1 13	17 23	0 42	7 38	1 41	24 13	10 47	3 1	2 37	28 32	15 13	7 3
T 26	13 28	27 33	5 9	6 47	1 5	24 20	1 50	4 25	1 20	4 33	1 31	21 30	1 12	17 23	0 42	7 39	1 41	24 13	10 46	3 0	2 36	28 32	15 12	7 3
F 27	13 47	24 39	4 47	6 29	1 20	24 31	1 53	4 7	1 20	4 34	1 31	21 31	1 12	17 23	0 42	7 39	1 41	24 13	10 46	3 0	2 34	28 32	15 12	7 4
S 28	14 6	20 20	4 9	6 13	1 34	24 41	1 55	3 48	1 20	4 36	1 31	21 31	1 12	17 23	0 42	7 40	1 41	24 13	10 46	3 0	2 33	28 31	15 11	7 4
S 29	14 25	15 1	3 17	6 0	1 47	24 50	1 57	3 30	1 20	4 37	1 31	21 32	1 12	17 22	0 42	7 41	1 41	24 13	10 46	3 0	2 32	28 31	15 11	7 5
M30	14n43	9n 3	2n14	5n50	1s59	24n59	2n 0	3s12	1s20	4n38	1n31	21n33	1s12	17n22	0n42	7n42	1s41	24n12	10n45	3n 1	2n30	28s31	15s10	7n 6

Julian Day Number = 2344984.5, Delta T = 11.92 sec
Ecliptic obliquity = 23°28'48, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'03, Lahiri = 19°47'04Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

MAY 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 50	10♉35'29	25♍31	19♈41	19♊44	25♓48	21°R46	16♊ 7	13♌51	23♈51	22°R24	7♈37	6♈15	5♑23	18°R29	T 1
W 2	14 39 46	11°33'32	8♎35	19°53	20°53	26°34	21♍43	16°14	13°51	23°53	22♌23	7°R37	6°12	5°30	18♑28	W 2
T 3	14 43 43	12°31'34	21°26	20° 9	22° 2	27°20	21°40	16°21	13°52	23°55	22°23	7°36	6° 9	5°37	18°28	T 3
F 4	14 47 39	13°29'35	4♏ 6	20°30	23°11	28° 6	21°38	16°28	13°53	23°58	22°D23	7°34	6° 6	5°43	18°27	F 4
S 5	14 51 36	14°27'33	16°35	20°55	24°20	28°52	21°35	16°35	13°53	24° 0	22°23	7°29	6° 2	5°50	18°26	S 5
S 6	14 55 32	15°25'30	28°53	21°24	25°29	29°38	21°33	16°42	13°54	24° 2	22°23	7°23	5°59	5°57	18°25	S 6
M 7	14 59 29	16°23'26	11♐ 3	21°58	26°38	0♈24	21°31	16°49	13°55	24° 4	22°24	7°16	5°56	6° 4	18°25	M 7
T 8	15 3 25	17°21'20	23° 4	22°35	27°46	1°10	21°29	16°56	13°56	24° 6	22°24	7° 9	5°53	6°10	18°24	T 8
W 9	15 7 22	18°19'13	5♑ 0	23°16	28°55	1°56	21°27	17° 3	13°57	24° 8	22°24	7° 2	5°50	6°17	18°22	W 9
T 10	15 11 19	19°17'05	16°52	24° 1	0♋ 3	2°41	21°25	17°11	13°58	24°10	22°24	6°57	5°47	6°24	18°21	T 10
F 11	15 15 15	20°14'55	28°45	24°49	1°11	3°27	21°24	17°18	13°59	24°12	22°24	6°52	5°43	6°31	18°20	F 11
S 12	15 19 12	21°12'44	10♒42	25°41	2°19	4°13	21°23	17°25	14° 0	24°14	22°24	6°50	5°40	6°37	18°19	S 12
S 13	15 23 8	22°10'32	22°48	26°37	3°27	4°58	21°22	17°32	14° 1	24°17	22°25	6°D49	5°37	6°44	18°18	S 13
M14	15 27 5	23° 8'18	5♓ 8	27°35	4°35	5°44	21°21	17°40	14° 2	24°19	22°25	6°50	5°34	6°51	18°16	M14
T 15	15 31 1	24° 6'03	17°46	28°36	5°42	6°30	21°20	17°47	14° 4	24°21	22°25	6°51	5°31	6°57	18°15	T 15
W16	15 34 58	25° 3'48	0♈47	29°41	6°50	7°15	21°20	17°55	14° 5	24°23	22°26	6°R52	5°27	7° 4	18°13	W16
T 17	15 38 54	26° 1'31	14°13	0♉48	7°57	8° 1	21°19	18° 2	14° 6	24°25	22°26	6°52	5°24	7°11	18°11	T 17
F 18	15 42 51	26°59'13	28° 7	1°59	9° 4	8°46	21°D19	18° 9	14° 8	24°27	22°26	6°50	5°21	7°18	18°10	F 18
S 19	15 46 48	27°56'54	12♉27	3°12	10°11	9°32	21°19	18°17	14° 9	24°29	22°27	6°46	5°18	7°24	18° 8	S 19
S 20	15 50 44	28°54'34	27° 9	4°28	11°18	10°17	21°19	18°24	14°11	24°31	22°27	6°40	5°15	7°31	18° 6	S 20
M21	15 54 41	29°52'12	12♊ 5	5°46	12°24	11° 2	21°20	18°32	14°12	24°32	22°28	6°33	5°12	7°38	18° 4	M21
T 22	15 58 37	0♊49'50	27° 8	7° 7	13°31	11°48	21°20	18°40	14°14	24°34	22°28	6°24	5° 8	7°45	18° 2	T 22
W23	16 2 34	1°47'26	12♋ 6	8°31	14°37	12°33	21°21	18°47	14°15	24°36	22°29	6°17	5° 5	7°51	18° 0	W23
T 24	16 6 30	2°45'01	26°53	9°57	15°43	13°18	21°22	18°55	14°17	24°38	22°29	6°11	5° 2	7°58	17°58	T 24
F 25	16 10 27	3°42'34	11♌20	11°26	16°49	14° 3	21°23	19° 2	14°19	24°40	22°30	6° 6	4°59	8° 5	17°56	F 25
S 26	16 14 23	4°40'06	25°27	12°57	17°55	14°48	21°25	19°10	14°21	24°42	22°30	6° 4	4°56	8°11	17°54	S 26
S 27	16 18 20	5°37'36	9♍10	14°31	19° 0	15°33	21°26	19°18	14°22	24°44	22°31	6°D 4	4°53	8°18	17°51	S 27
M28	16 22 17	6°35'05	22°32	16° 7	20° 6	16°18	21°28	19°25	14°24	24°46	22°32	6° 5	4°49	8°25	17°49	M28
T 29	16 26 13	7°32'32	5♎35	17°46	21°11	17° 3	21°29	19°33	14°26	24°47	22°32	6°R 5	4°46	8°32	17°46	T 29
W30	16 30 10	8°29'59	18°23	19°28	22°16	17°48	21°31	19°41	14°28	24°49	22°33	6° 4	4°43	8°38	17°44	W30
T 31	16 34 6	9♊27'24	0♏57	21♉11	23♋20	18♈33	21♍34	19♊49	14♌30	24♈51	22♌34	6♈ 2	4♈40	8♑45	17♑41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 1	2n47	1n 6	5n42	2s10	25n 6	2n 2	2s54	1s20	4n39	1n30	21n34	1s12	17n22	0n42	7n43	1s41	24n12	10n45	3n 1	2n29	28s31	15s10	7n 6
W 2	15 20	3s29	0s 5	5 37	2 21	25 14	2 4	2 35	1 20	4 40	1 30	21 35	1 11	17 22	0 42	7 43	1 41	24 12	10 45	3 2	2 28	28 30	15 9	7 7
T 3	15 37	9 32	1 15	5 34	2 30	25 20	2 6	2 17	1 20	4 41	1 30	21 36	1 11	17 22	0 42	7 44	1 41	24 12	10 45	3 1	2 27	28 30	15 9	7 7
F 4	15 55	15 5	2 19	5 34	2 39	25 26	2 8	1 59	1 20	4 42	1 30	21 37	1 11	17 22	0 42	7 45	1 41	24 12	10 44	3 0	2 25	28 30	15 8	7 8
S 5	16 12	19 57	3 16	5 36	2 47	25 31	2 10	1 41	1 20	4 43	1 29	21 37	1 11	17 21	0 42	7 46	1 41	24 11	10 44	2 59	2 24	28 29	15 8	7 9
S 6	16 29	23 53	4 2	5 40	2 54	25 36	2 12	1 22	1 20	4 43	1 29	21 38	1 11	17 21	0 42	7 46	1 41	24 11	10 44	2 56	2 23	28 29	15 7	7 9
M 7	16 46	26 43	4 37	5 47	3 0	25 40	2 14	1 4	1 20	4 44	1 29	21 39	1 11	17 21	0 42	7 47	1 41	24 11	10 44	2 54	2 22	28 29	15 7	7 10
T 8	17 3	28 17	5 0	5 56	3 5	25 43	2 15	0 46	1 20	4 45	1 29	21 40	1 11	17 20	0 42	7 48	1 41	24 11	10 43	2 51	2 20	28 28	15 6	7 10
W 9	17 19	28 32	5 9	6 7	3 9	25 45	2 17	0 27	1 20	4 45	1 29	21 41	1 10	17 20	0 42	7 49	1 41	24 10	10 43	2 48	2 19	28 28	15 6	7 11
T 10	17 35	27 27	5 4	6 21	3 13	25 47	2 18	0 9	1 20	4 46	1 28	21 42	1 10	17 20	0 42	7 50	1 41	24 10	10 43	2 46	2 18	28 28	15 6	7 11
F 11	17 50	25 7	4 47	6 36	3 16	25 48	2 20	0n 9	1 20	4 46	1 28	21 42	1 10	17 19	0 42	7 50	1 41	24 10	10 43	2 44	2 17	28 27	15 5	7 12
S 12	18 6	21 42	4 17	6 53	3 17	25 49	2 21	0 27	1 20	4 46	1 28	21 43	1 10	17 19	0 42	7 51	1 41	24 9	10 43	2 43	2 15	28 27	15 5	7 13
S 13	18 21	17 19	3 35	7 12	3 19	25 49	2 22	0 45	1 20	4 46	1 28	21 44	1 10	17 19	0 42	7 52	1 41	24 9	10 42	2 43	2 14	28 27	15 4	7 13
M14	18 35	12 10	2 43	7 32	3 19	25 48	2 24	1 4	1 20	4 47	1 27	21 45	1 10	17 18	0 42	7 52	1 41	24 9	10 42	2 43	2 13	28 26	15 4	7 14
T 15	18 50	6 24	1 41	7 54	3 19	25 46	2 25	1 22	1 20	4 47	1 27	21 46	1 10	17 18	0 42	7 53	1 41	24 9	10 42	2 43	2 12	28 26	15 4	7 14
W16	19 4	0 11	0 33	8 18	3 18	25 44	2 26	1 40	1 20	4 47	1 27	21 46	1 10	17 18	0 42	7 54	1 41	24 8	10 42	2 44	2 10	28 26	15 3	7 15
T 17	19 18	6n14	0n40	8 43	3 16	25 41	2 27	1 58	1 20	4 47	1 27	21 47	1 9	17 17	0 41	7 55	1 41	24 8	10 41	2 44	2 9	28 25	15 3	7 15
F 18	19 31	12 34	1 52	9 9	3 14	25 37	2 27	2 16	1 20	4 46	1 27	21 48	1 9	17 17	0 41	7 55	1 41	24 7	10 41	2 43	2 8	28 25	15 3	7 16
S 19	19 44	18 26	2 59	9 37	3 11	25 33	2 28	2 34	1 19	4 46	1 26	21 49	1 9	17 16	0 41	7 56	1 41	24 7	10 41	2 42	2 7	28 24	15 2	7 16
S 20	19 57	23 23	3 56	10 6	3 7	25 28	2 29	2 52	1 19	4 46	1 26	21 50	1 9	17 16	0 41	7 57	1 41	24 7	10 41	2 39	2 5	28 24	15 2	7 17
M21	20 9	26 52	4 38	10 36	3 3	25 22	2 29	3 10	1 19	4 45	1 26	21 50	1 9	17 15	0 41	7 57	1 41	24 6	10 40	2 36	2 4	28 23	15 2	7 17
T 22	20 22	28 28	5 1	11 7	2 58	25 16	2 29	3 28	1 19	4 45	1 26	21 51	1 9	17 15	0 41	7 58	1 41	24 6	10 40	2 33	2 3	28 23	15 2	7 18
W23	20 33	27 58	5 4	11 39	2 52	25 9	2 30	3 45	1 19	4 44	1 25	21 52	1 9	17 14	0 41	7 59	1 41	24 6	10 40	2 30	2 1	28 23	15 1	7 18
T 24	20 45	25 29	4 46	12 11	2 46	25 2	2 30	4 3	1 19	4 44	1 25	21 53	1 9	17 14	0 41	7 59	1 41	24 5	10 40	2 27	2 0	28 22	15 1	7 19
F 25	20 56	21 24	4 10	12 45	2 40	24 54	2 30	4 21	1 19	4 43	1 25	21 53	1 9	17 13	0 41	8 0	1 41	24 5	10 39	2 26	1 59	28 22	15 1	7 19
S 26	21 6	16 11	3 19	13 19	2 33	24 45	2 30	4 38	1 18	4 42	1 25	21 54	1 8	17 13	0 41	8 1	1 41	24 4	10 39	2 25	1 58	28 21	15 1	7 20
S 27	21 17	10 17	2 19	13 54	2 25	24 36	2 30	4 56	1 18	4 42	1 24	21 55	1 8	17 12	0 41	8 1	1 41	24 4	10 39	2 25	1 56	28 21	15 1	7 20
M28	21 27	4 4	1 12	14 30	2 17	24 26	2 29	5 13	1 18	4 41	1 24	21 55	1 8	17 12	0 41	8 2	1 42	24 3	10 39	2 25	1 55	28 20	15 1	7 21
T 29	21 36	2s11	0 3	15 6	2 9	24 16	2 29	5 31	1 18	4 40	1 24	21 56	1 8	17 11	0 41	8 2	1 42	24 3	10 38	2 25	1 54	28 20	15 0	7 21
W30	21 46	8 13	1s 5	15 42	2 0	24 5	2 28	5 48	1 18	4 39	1 24	21 57	1 8	17 10	0 41	8 3	1 42	24 2	10 38	2 25	1 53	28 19	15 0	7 21
T 31	21n54	13s50	2s 8	16n18	1s51	23n53	2n28	6n 5	1s17	4n38	1n23	21n58	1s 8	17n10	0n41	8n 4	1s42	24n 2	10n38	2n24	1n51	28s19	15s 0	7n22

Julian Day Number = 2345014.5, Delta T = 11.90 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'07, Lahiri = 19°47'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

JUNE 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 3	10♊24'48	13♏20	22♉57	24♋25	19♈18	21♍36	19♊56	14♎32	24♈53	22♎35	5°R56	4♈37	8♑52	17°R39	F 1
S 2	16 41 59	11°22'11	25°35	24°46	25°29	20° 2	21°39	20° 4	14°34	24°54	22°36	5♈48	4°33	8°59	17♑36	S 2
S 3	16 45 56	12°19'33	7♐42	26°37	26°33	20°47	21°41	20°12	14°36	24°56	22°36	5°38	4°30	9° 5	17°33	S 3
M 4	16 49 52	13°16'55	19°43	28°30	27°36	21°32	21°44	20°20	14°39	24°58	22°37	5°26	4°27	9°12	17°31	M 4
T 5	16 53 49	14°14'15	1♑40	0♊26	28°40	22°16	21°47	20°27	14°41	24°59	22°38	5°14	4°24	9°19	17°28	T 5
W 6	16 57 46	15°11'35	13°33	2°24	29°43	23° 1	21°50	20°35	14°43	25° 1	22°39	5° 2	4°21	9°25	17°25	W 6
T 7	17 1 42	16° 8'55	25°25	4°24	0♎46	23°45	21°54	20°43	14°45	25° 2	22°40	4°51	4°18	9°32	17°22	T 7
F 8	17 5 39	17° 6'13	7♒18	6°26	1°48	24°30	21°57	20°51	14°48	25° 4	22°41	4°43	4°14	9°39	17°19	F 8
S 9	17 9 35	18° 3'31	19°15	8°30	2°51	25°14	22° 1	20°59	14°50	25° 5	22°42	4°37	4°11	9°46	17°16	S 9
S 10	17 13 32	19° 0'49	1♓20	10°36	3°53	25°58	22° 5	21° 7	14°53	25° 7	22°43	4°34	4° 8	9°52	17°13	S 10
M11	17 17 28	19°58'06	13°37	12°44	4°54	26°43	22° 9	21°14	14°55	25° 9	22°44	4°32	4° 5	9°59	17°10	M11
T 12	17 21 25	20°55'23	26°12	14°52	5°56	27°27	22°13	21°22	14°58	25°10	22°45	4°D32	4° 2	10° 6	17° 7	T 12
W13	17 25 22	21°52'40	9♈ 8	17° 2	6°57	28°11	22°17	21°30	15° 0	25°11	22°46	4°R32	3°59	10°12	17° 4	W13
T 14	17 29 18	22°49'56	22°31	19°13	7°58	28°55	22°22	21°38	15° 3	25°13	22°47	4°31	3°55	10°19	17° 0	T 14
F 15	17 33 15	23°47'12	6♉23	21°24	8°58	29°39	22°26	21°46	15° 5	25°14	22°48	4°28	3°52	10°26	16°57	F 15
S 16	17 37 11	24°44'28	20°44	23°36	9°58	0♉23	22°31	21°53	15° 8	25°16	22°50	4°23	3°49	10°33	16°54	S 16
S 17	17 41 8	25°41'44	5♊31	25°47	10°58	1° 7	22°36	22° 1	15°11	25°17	22°51	4°15	3°46	10°39	16°50	S 17
M18	17 45 4	26°38'59	20°37	27°59	11°58	1°50	22°41	22° 9	15°13	25°18	22°52	4° 5	3°43	10°46	16°47	M18
T 19	17 49 1	27°36'15	5♋54	0♋10	12°57	2°34	22°46	22°17	15°16	25°19	22°53	3°54	3°39	10°53	16°44	T 19
W20	17 52 57	28°33'29	21° 9	2°20	13°55	3°18	22°52	22°25	15°19	25°21	22°54	3°44	3°36	11° 0	16°40	W20
T 21	17 56 54	29°30'44	6♎11	4°29	14°54	4° 1	22°57	22°33	15°22	25°22	22°56	3°35	3°33	11° 6	16°37	T 21
F 22	18 0 51	0♋27'57	20°54	6°37	15°51	4°45	23° 3	22°40	15°25	25°23	22°57	3°29	3°30	11°13	16°33	F 22
S 23	18 4 47	1°25'11	5♍10	8°44	16°49	5°28	23° 9	22°48	15°28	25°24	22°58	3°25	3°27	11°20	16°30	S 23
S 24	18 8 44	2°22'23	18°59	10°49	17°46	6°11	23°15	22°56	15°30	25°25	23° 0	3°24	3°24	11°26	16°26	S 24
M25	18 12 40	3°19'35	2♎22	12°53	18°42	6°55	23°21	23° 4	15°33	25°27	23° 1	3°24	3°20	11°33	16°23	M25
T 26	18 16 37	4°16'47	15°22	14°54	19°38	7°38	23°27	23°11	15°36	25°28	23° 2	3°24	3°17	11°40	16°19	T 26
W27	18 20 33	5°13'58	28° 2	16°54	20°34	8°21	23°34	23°19	15°39	25°29	23° 4	3°22	3°14	11°47	16°15	W27
T 28	18 24 30	6°11'09	10♏27	18°52	21°29	9° 4	23°40	23°27	15°43	25°30	23° 5	3°19	3°11	11°53	16°12	T 28
F 29	18 28 26	7° 8'20	22°40	20°49	22°23	9°47	23°47	23°34	15°46	25°31	23° 7	3°13	3° 8	12° 0	16° 8	F 29
S 30	18 32 23	8♋ 5'30	4♐45	22♋43	23♎17	10♉30	23♍54	23♊42	15♎49	25♈32	23♎ 8	3♈ 4	3♈ 5	12♑ 7	16♑ 5	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 3	18s48	3s 4	16n55	1s41	23n41	2n27	6n23	1s17	4n37	1n23	21n58	1s 8	17n 9	0n41	8n 4	1s42	24n 2	10n38	2n22	1n50	28s18	15s 0	7n22
S 2	22 11	22 56	3 51	17 31	1 31	23 28	2 26	6 40	1 17	4 35	1 23	21 59	1 8	17 9	0 41	8 5	1 42	24 1	10 38	2 19	1 49	28 18	15 0	7 23
S 3	22 19	26 1	4 27	18 7	1 21	23 15	2 25	6 57	1 17	4 34	1 23	22 0	1 8	17 8	0 41	8 5	1 42	24 1	10 37	2 15	1 48	28 17	15 0	7 23
M 4	22 26	27 54	4 50	18 43	1 10	23 1	2 24	7 14	1 16	4 33	1 23	22 0	1 8	17 7	0 41	8 6	1 42	24 0	10 37	2 10	1 46	28 16	15 0	7 24
T 5	22 33	28 29	5 1	19 18	0 59	22 47	2 22	7 30	1 16	4 31	1 22	22 1	1 7	17 7	0 41	8 7	1 42	24 0	10 37	2 5	1 45	28 16	15 0	7 24
W 6	22 39	27 44	4 58	19 53	0 49	22 32	2 21	7 47	1 16	4 30	1 22	22 1	1 7	17 6	0 41	8 7	1 42	23 59	10 37	2 0	1 44	28 15	15 0	7 24
T 7	22 45	25 43	4 42	20 27	0 38	22 17	2 19	8 4	1 16	4 28	1 22	22 2	1 7	17 5	0 41	8 8	1 42	23 59	10 37	1 56	1 43	28 15	15 0	7 25
F 8	22 51	22 35	4 15	20 59	0 26	22 1	2 17	8 21	1 15	4 27	1 22	22 3	1 7	17 4	0 41	8 8	1 42	23 58	10 36	1 53	1 41	28 14	15 0	7 25
S 9	22 57	18 29	3 35	21 30	0 15	21 45	2 15	8 37	1 15	4 25	1 21	22 3	1 7	17 4	0 41	8 9	1 42	23 57	10 36	1 50	1 40	28 14	15 0	7 25
S 10	23 1	13 37	2 46	22 0	0 4	21 29	2 13	8 53	1 15	4 23	1 21	22 4	1 7	17 3	0 41	8 9	1 42	23 57	10 36	1 49	1 39	28 13	15 0	7 26
M11	23 6	8 7	1 48	22 28	0n 6	21 12	2 11	9 10	1 14	4 22	1 21	22 5	1 7	17 2	0 41	8 10	1 42	23 56	10 36	1 48	1 38	28 12	15 0	7 26
T 12	23 10	2 11	0 44	22 54	0 17	20 54	2 9	9 26	1 14	4 20	1 21	22 5	1 7	17 1	0 41	8 10	1 42	23 56	10 35	1 48	1 36	28 12	15 0	7 26
W13	23 14	4n 0	0n24	23 18	0 27	20 36	2 6	9 42	1 14	4 18	1 20	22 6	1 7	17 1	0 41	8 11	1 42	23 55	10 35	1 48	1 35	28 11	15 0	7 27
T 14	23 17	10 14	1 34	23 40	0 37	20 18	2 4	9 58	1 13	4 16	1 20	22 6	1 7	17 0	0 41	8 11	1 42	23 55	10 35	1 48	1 34	28 11	15 0	7 27
F 15	23 20	16 11	2 40	23 59	0 47	19 59	2 1	10 14	1 13	4 14	1 20	22 7	1 7	16 59	0 41	8 12	1 42	23 54	10 35	1 47	1 32	28 10	15 0	7 27
S 16	23 22	21 28	3 38	24 16	0 56	19 40	1 58	10 30	1 12	4 12	1 20	22 7	1 7	16 58	0 41	8 12	1 42	23 54	10 35	1 45	1 31	28 9	15 0	7 28
S 17	23 25	25 35	4 24	24 29	1 5	19 21	1 55	10 45	1 12	4 9	1 20	22 8	1 7	16 57	0 41	8 12	1 42	23 53	10 35	1 42	1 30	28 9	15 0	7 28
M18	23 26	28 0	4 52	24 40	1 13	19 1	1 52	11 1	1 12	4 7	1 19	22 8	1 6	16 57	0 41	8 13	1 43	23 52	10 34	1 38	1 29	28 8	15 1	7 28
T 19	23 27	28 21	5 0	24 49	1 20	18 41	1 48	11 16	1 11	4 5	1 19	22 9	1 6	16 56	0 41	8 13	1 43	23 52	10 34	1 33	1 27	28 7	15 1	7 28
W20	23 28	26 32	4 47	24 54	1 27	18 21	1 45	11 31	1 11	4 3	1 19	22 9	1 6	16 55	0 41	8 14	1 43	23 51	10 34	1 29	1 26	28 7	15 1	7 29
T 21	23 29	22 51	4 14	24 57	1 33	18 0	1 41	11 46	1 10	4 0	1 19	22 10	1 6	16 54	0 41	8 14	1 43	23 51	10 34	1 26	1 25	28 6	15 1	7 29
F 22	23 29	17 47	3 24	24 57	1 38	17 39	1 37	12 2	1 10	3 58	1 18	22 10	1 6	16 53	0 41	8 14	1 43	23 50	10 34	1 23	1 24	28 5	15 1	7 29
S 23	23 28	11 51	2 23	24 54	1 42	17 18	1 33	12 16	1 10	3 55	1 18	22 11	1 6	16 52	0 40	8 15	1 43	23 49	10 33	1 22	1 22	28 4	15 2	7 29
S 24	23 28	5 31	1 15	24 48	1 46	16 56	1 29	12 31	1 9	3 53	1 18	22 11	1 6	16 51	0 40	8 15	1 43	23 49	10 33	1 21	1 21	28 4	15 2	7 29
M25	23 26	0s52	0 5	24 40	1 49	16 35	1 24	12 46	1 9	3 50	1 18	22 12	1 6	16 51	0 40	8 16	1 43	23 48	10 33	1 21	1 20	28 3	15 2	7 30
T 26	23 25	7 2	1s 3	24 29	1 51	16 13	1 20	13 0	1 8	3 47	1 18	22 12	1 6	16 50	0 40	8 16	1 43	23 48	10 33	1 21	1 19	28 2	15 2	7 30
W27	23 23	12 45	2 6	24 17	1 53	15 51	1 15	13 15	1 8	3 45	1 17	22 13	1 6	16 49	0 40	8 16	1 43	23 47	10 33	1 21	1 17	28 1	15 2	7 30
T 28	23 20	17 52	3 2	24 2	1 54	15 28	1 10	13 29	1 7	3 42	1 17	22 13	1 6	16 48	0 40	8 17	1 43	23 46	10 33	1 19	1 16	28 1	15 3	7 30
F 29	23 17	22 9	3 49	23 44	1 54	15 6	1 5	13 43	1 7	3 39	1 17	22 14	1 6	16 47	0 40	8 17	1 43	23 46	10 33	1 17	1 15	28 0	15 3	7 30
S 30	23n14	25s27	4s24	23n26	1n53	14n43	0n59	13n57	1s 6	3n36	1n17	22n14	1s 6	16n46	0n40	8n17	1s43	23n45	10n32	1n13	1n14	27s59	15s 3	7n30

Julian Day Number = 2345045.5, Delta T = 11.88 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'12, Lahiri = 19°47'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

JULY 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 20	9♋ 2'41	16♐44	24♋35	24♌11	11♉13	24♍ 1	23♊50	15♌52	25♈33	23♌10	2°R53	3♈ 1	12♑14	16°R 1	S 1
M 2	18 40 16	9°59'51	28°39	26°25	25° 4	11°55	24° 8	23°57	15°55	25°34	23°11	2♈40	2°58	12°20	15♑57	M 2
T 3	18 44 13	10°57'01	10♑32	28°14	25°56	12°38	24°15	24° 5	15°58	25°34	23°13	2°26	2°55	12°27	15°54	T 3
W 4	18 48 9	11°54'12	22°25	29°59	26°47	13°20	24°22	24°13	16° 1	25°35	23°14	2°13	2°52	12°34	15°50	W 4
T 5	18 52 6	12°51'23	4♒18	1♌44	27°38	14° 3	24°30	24°20	16° 5	25°36	23°16	2° 1	2°49	12°40	15°46	T 5
F 6	18 56 2	13°48'33	16°14	3°26	28°28	14°45	24°37	24°28	16° 8	25°37	23°17	1°52	2°46	12°47	15°42	F 6
S 7	18 59 59	14°45'45	28°15	5° 6	29°18	15°28	24°45	24°35	16°11	25°38	23°19	1°45	2°42	12°54	15°39	S 7
S 8	19 3 55	15°42'56	10♓23	6°45	0♍ 7	16°10	24°53	24°43	16°15	25°38	23°20	1°41	2°39	13° 1	15°35	S 8
M 9	19 7 52	16°40'08	22°42	8°21	0°55	16°52	25° 1	24°50	16°18	25°39	23°22	1°39	2°36	13° 7	15°31	M 9
T 10	19 11 49	17°37'21	5♈17	9°55	1°42	17°34	25° 9	24°58	16°21	25°40	23°24	1°D39	2°33	13°14	15°28	T 10
W11	19 15 45	18°34'34	18°11	11°27	2°28	18°16	25°17	25° 5	16°25	25°40	23°25	1°R39	2°30	13°21	15°24	W11
T 12	19 19 42	19°31'48	1♉29	12°57	3°14	18°58	25°25	25°13	16°28	25°41	23°27	1°39	2°26	13°27	15°20	T 12
F 13	19 23 38	20°29'02	15°14	14°25	3°59	19°40	25°34	25°20	16°32	25°41	23°29	1°37	2°23	13°34	15°17	F 13
S 14	19 27 35	21°26'17	29°27	15°51	4°43	20°22	25°42	25°27	16°35	25°42	23°30	1°32	2°20	13°41	15°13	S 14
S 15	19 31 31	22°23'33	14♊ 6	17°15	5°26	21° 3	25°51	25°35	16°39	25°42	23°32	1°25	2°17	13°48	15° 9	S 15
M16	19 35 28	23°20'50	29° 7	18°37	6° 8	21°45	26° 0	25°42	16°42	25°43	23°34	1°17	2°14	13°54	15° 6	M16
T 17	19 39 25	24°18'08	14♋21	19°56	6°49	22°26	26° 8	25°49	16°46	25°43	23°36	1° 7	2°11	14° 1	15° 2	T 17
W18	19 43 21	25°15'26	29°38	21°14	7°29	23° 7	26°17	25°56	16°49	25°44	23°37	0°58	2° 7	14° 8	14°58	W18
T 19	19 47 18	26°12'45	14♌47	22°29	8° 7	23°49	26°26	26° 3	16°53	25°44	23°39	0°50	2° 4	14°15	14°55	T 19
F 20	19 51 14	27°10'04	29°37	23°41	8°45	24°30	26°36	26°11	16°56	25°44	23°41	0°44	2° 1	14°21	14°51	F 20
S 21	19 55 11	28° 7'23	14♍ 2	24°52	9°22	25°11	26°45	26°18	17° 0	25°45	23°43	0°41	1°58	14°28	14°48	S 21
S 22	19 59 7	29° 4'43	28° 0	25°59	9°57	25°52	26°54	26°25	17° 3	25°45	23°44	0°D40	1°55	14°35	14°44	S 22
M23	20 3 4	0♎ 2'03	11♎28	27° 5	10°31	26°33	27° 4	26°32	17° 7	25°45	23°46	0°40	1°51	14°41	14°41	M23
T 24	20 7 0	0°59'24	24°31	28° 7	11° 4	27°13	27°13	26°39	17°11	25°45	23°48	0°41	1°48	14°48	14°37	T 24
W25	20 10 57	1°56'45	7♏12	29° 7	11°35	27°54	27°23	26°45	17°14	25°46	23°50	0°R41	1°45	14°55	14°34	W25
T 26	20 14 54	2°54'07	19°35	0♍ 4	12° 5	28°35	27°33	26°52	17°18	25°46	23°52	0°39	1°42	15° 2	14°30	T 26
F 27	20 18 50	3°51'29	1♐45	0°58	12°34	29°15	27°42	26°59	17°21	25°46	23°54	0°36	1°39	15° 8	14°27	F 27
S 28	20 22 47	4°48'52	13°45	1°49	13° 1	29°55	27°52	27° 6	17°25	25°46	23°55	0°30	1°36	15°15	14°23	S 28
S 29	20 26 43	5°46'16	25°40	2°36	13°26	0♊35	28° 2	27°13	17°29	25°46	23°57	0°22	1°32	15°22	14°20	S 29
M30	20 30 40	6°43'41	7♑33	3°20	13°50	1°16	28°12	27°19	17°32	25°R46	23°59	0°13	1°29	15°28	14°17	M30
T 31	20 34 36	7♌41'06	19♑25	4♍ 1	14♍12	1♊55	28♍23	27♊26	17♌36	25♈46	24♌ 1	0♈ 3	1♈26	15♑35	14♑14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n10	27s36	4s48	23n 5	1n52	14n20	0n54	14n11	1s 6	3n33	1n17	22n15	1s 6	16n45	0n40	8n17	1s43	23n44	10n32	1n 9	1n12	27s58	15s 4	7n30
M 2	23 6	28 27	4 59	22 42	1 50	13 57	0 48	14 24	1 5	3 30	1 16	22 15	1 6	16 44	0 40	8 18	1 43	23 44	10 32	1 4	1 11	27 58	15 4	7 31
T 3	23 2	27 59	4 57	22 19	1 48	13 34	0 42	14 38	1 5	3 27	1 16	22 15	1 6	16 43	0 40	8 18	1 43	23 43	10 32	0 58	1 10	27 57	15 4	7 31
W 4	22 57	26 14	4 42	21 53	1 45	13 11	0 36	14 51	1 4	3 24	1 16	22 16	1 6	16 42	0 40	8 18	1 43	23 42	10 32	0 53	1 8	27 56	15 5	7 31
T 5	22 51	23 20	4 14	21 27	1 41	12 47	0 30	15 4	1 4	3 21	1 16	22 16	1 6	16 41	0 40	8 18	1 43	23 42	10 32	0 48	1 7	27 55	15 5	7 31
F 6	22 46	19 25	3 35	20 59	1 37	12 24	0 24	15 17	1 3	3 18	1 16	22 16	1 5	16 40	0 40	8 19	1 44	23 41	10 32	0 45	1 6	27 54	15 5	7 31
S 7	22 40	14 43	2 47	20 31	1 32	12 0	0 17	15 30	1 2	3 15	1 15	22 17	1 5	16 39	0 40	8 19	1 44	23 41	10 31	0 42	1 5	27 54	15 6	7 31
S 8	22 33	9 23	1 50	20 1	1 27	11 37	0 10	15 43	1 2	3 11	1 15	22 17	1 5	16 38	0 40	8 19	1 44	23 40	10 31	0 40	1 3	27 53	15 6	7 31
M 9	22 26	3 37	0 47	19 31	1 21	11 13	0 3	15 55	1 1	3 8	1 15	22 17	1 5	16 37	0 40	8 19	1 44	23 39	10 31	0 40	1 2	27 52	15 6	7 31
T 10	22 19	2n24	0n19	18 59	1 15	10 50	0s 4	16 8	1 1	3 5	1 15	22 18	1 5	16 36	0 40	8 19	1 44	23 39	10 31	0 39	1 1	27 51	15 7	7 31
W11	22 11	8 29	1 27	18 28	1 8	10 26	0 11	16 20	1 0	3 1	1 15	22 18	1 5	16 35	0 40	8 20	1 44	23 38	10 31	0 40	1 0	27 50	15 7	7 31
T 12	22 3	14 22	2 31	17 55	1 1	10 3	0 19	16 32	0 59	2 58	1 15	22 18	1 5	16 34	0 40	8 20	1 44	23 37	10 31	0 39	0 58	27 49	15 8	7 31
F 13	21 55	19 46	3 29	17 23	0 53	9 39	0 27	16 44	0 59	2 54	1 14	22 19	1 5	16 33	0 40	8 20	1 44	23 37	10 31	0 38	0 57	27 48	15 8	7 31
S 14	21 46	24 14	4 17	16 49	0 45	9 16	0 35	16 56	0 58	2 51	1 14	22 19	1 5	16 32	0 40	8 20	1 44	23 36	10 31	0 37	0 56	27 48	15 9	7 31
S 15	21 37	27 19	4 49	16 16	0 36	8 52	0 43	17 8	0 58	2 47	1 14	22 19	1 5	16 31	0 40	8 20	1 44	23 35	10 31	0 34	0 55	27 47	15 9	7 31
M16	21 27	28 31	5 2	15 43	0 27	8 29	0 51	17 19	0 57	2 43	1 14	22 19	1 5	16 30	0 40	8 20	1 44	23 35	10 31	0 31	0 53	27 46	15 9	7 31
T 17	21 18	27 35	4 54	15 9	0 18	8 6	1 0	17 30	0 56	2 40	1 14	22 20	1 5	16 29	0 40	8 20	1 44	23 34	10 30	0 27	0 52	27 45	15 10	7 31
W18	21 7	24 35	4 26	14 35	0 9	7 43	1 9	17 41	0 56	2 36	1 13	22 20	1 5	16 28	0 40	8 20	1 44	23 33	10 30	0 23	0 51	27 44	15 10	7 31
T 19	20 57	19 55	3 39	14 2	0s 1	7 20	1 18	17 52	0 55	2 32	1 13	22 20	1 5	16 26	0 40	8 21	1 44	23 33	10 30	0 20	0 49	27 43	15 11	7 30
F 20	20 46	14 5	2 37	13 28	0 11	6 57	1 27	18 3	0 54	2 29	1 13	22 20	1 5	16 25	0 40	8 21	1 44	23 32	10 30	0 18	0 48	27 42	15 11	7 30
S 21	20 34	7 38	1 27	12 55	0 22	6 35	1 37	18 14	0 53	2 25	1 13	22 21	1 5	16 24	0 40	8 21	1 44	23 31	10 30	0 16	0 47	27 41	15 12	7 30
S 22	20 23	1 1	0 14	12 22	0 32	6 12	1 47	18 24	0 53	2 21	1 13	22 21	1 5	16 23	0 40	8 21	1 45	23 30	10 30	0 16	0 46	27 40	15 12	7 30
M23	20 11	5s26	0s57	11 50	0 43	5 50	1 56	18 34	0 52	2 17	1 13	22 21	1 5	16 22	0 40	8 21	1 45	23 30	10 30	0 16	0 44	27 39	15 13	7 30
T 24	19 58	11 26	2 4	11 18	0 55	5 29	2 7	18 44	0 51	2 13	1 13	22 21	1 5	16 21	0 40	8 21	1 45	23 29	10 30	0 16	0 43	27 38	15 13	7 30
W25	19 46	16 49	3 2	10 46	1 6	5 7	2 17	18 54	0 51	2 9	1 12	22 22	1 5	16 20	0 40	8 21	1 45	23 28	10 30	0 16	0 42	27 37	15 14	7 30
T 26	19 33	21 21	3 51	10 15	1 18	4 46	2 27	19 4	0 50	2 5	1 12	22 22	1 5	16 19	0 40	8 21	1 45	23 28	10 30	0 16	0 41	27 36	15 14	7 29
F 27	19 19	24 55	4 28	9 45	1 29	4 25	2 38	19 13	0 49	2 1	1 12	22 22	1 5	16 18	0 40	8 21	1 45	23 27	10 30	0 14	0 39	27 35	15 15	7 29
S 28	19 6	27 19	4 52	9 16	1 41	4 5	2 49	19 23	0 48	1 57	1 12	22 22	1 5	16 17	0 40	8 21	1 45	23 26	10 30	0 12	0 38	27 34	15 15	7 29
S 29	18 52	28 28	5 4	8 48	1 53	3 45	3 0	19 32	0 48	1 53	1 12	22 22	1 5	16 15	0 40	8 21	1 45	23 26	10 30	0 9	0 37	27 33	15 16	7 29
M30	18 37	28 18	5 3	8 21	2 5	3 25	3 11	19 41	0 47	1 49	1 12	22 22	1 5	16 14	0 40	8 21	1 45	23 25	10 30	0 5	0 36	27 32	15 17	7 29
T 31	18n23	26s49	4s48	7n55	2s18	3n 6	3s23	19n50	0s46	1n44	1n11	22n22	1s 5	16n13	0n40	8n20	1s45	23n24	10n30	0n 1	0n34	27s31	15s17	7n28

Julian Day Number = 2345075.5, Delta T = 11.86 sec
Ecliptic obliquity = 23°28'46, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'16, Lahiri = 19°47'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

AUGUST 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 33	8♌38'32	1♒20	4♍37	14♍32	2♊35	28♍33	27♊33	17♌40	25°R46	24♌ 3	29°R53	1♈23	15♉42	14°R10	W 1
T 2	20 42 29	9°35'59	13°17	5°10	14°50	3°15	28°43	27°39	17°44	25♈46	24° 5	29♓45	1°20	15°49	14♉ 7	T 2
F 3	20 46 26	10°33'27	25°20	5°39	15° 7	3°55	28°54	27°46	17°47	25°46	24° 7	29°38	1°17	15°55	14° 4	F 3
S 4	20 50 23	11°30'57	7♓30	6° 3	15°21	4°34	29° 4	27°52	17°51	25°45	24° 9	29°33	1°13	16° 2	14° 1	S 4
S 5	20 54 19	12°28'27	19°48	6°22	15°34	5°14	29°15	27°58	17°55	25°45	24°11	29°31	1°10	16° 9	13°58	S 5
M 6	20 58 16	13°25'59	2♈16	6°37	15°44	5°53	29°25	28° 5	17°58	25°45	24°12	29°D30	1° 7	16°15	13°55	M 6
T 7	21 2 12	14°23'32	14°58	6°47	15°53	6°32	29°36	28°11	18° 2	25°45	24°14	29°31	1° 4	16°22	13°52	T 7
W 8	21 6 9	15°21'06	27°57	6°R52	15°59	7°11	29°47	28°17	18° 6	25°44	24°16	29°33	1° 1	16°29	13°49	W 8
T 9	21 10 5	16°18'42	11♉15	6°51	16° 3	7°50	29°58	28°23	18°10	25°44	24°18	29°R34	0°57	16°36	13°46	T 9
F 10	21 14 2	17°16'20	24°55	6°45	16°R 4	8°29	0♎ 9	28°29	18°13	25°44	24°20	29°33	0°54	16°42	13°43	F 10
S 11	21 17 58	18°13'59	8♊58	6°33	16° 4	9° 8	0°20	28°35	18°17	25°43	24°22	29°32	0°51	16°49	13°41	S 11
S 12	21 21 55	19°11'40	23°23	6°16	16° 1	9°46	0°31	28°41	18°21	25°43	24°24	29°28	0°48	16°56	13°38	S 12
M13	21 25 52	20° 9'22	8♋ 8	5°53	15°56	10°25	0°42	28°47	18°25	25°42	24°26	29°24	0°45	17° 3	13°35	M13
T 14	21 29 48	21° 7'06	23° 6	5°25	15°48	11° 3	0°53	28°53	18°28	25°42	24°28	29°18	0°42	17° 9	13°33	T 14
W15	21 33 45	22° 4'52	8♌ 8	4°51	15°38	11°41	1° 5	28°59	18°32	25°41	24°30	29°13	0°38	17°16	13°30	W15
T 16	21 37 41	23° 2'39	23° 7	4°13	15°26	12°19	1°16	29° 4	18°36	25°41	24°32	29° 8	0°35	17°23	13°28	T 16
F 17	21 41 38	24° 0'27	7♍52	3°30	15°11	12°57	1°28	29°10	18°40	25°40	24°34	29° 5	0°32	17°29	13°25	F 17
S 18	21 45 34	24°58'16	22°18	2°43	14°54	13°35	1°39	29°16	18°43	25°40	24°36	29°D 3	0°29	17°36	13°23	S 18
S 19	21 49 31	25°56'07	6♎18	1°53	14°35	14°13	1°51	29°21	18°47	25°39	24°38	29° 3	0°26	17°43	13°21	S 19
M20	21 53 27	26°53'59	19°52	1° 0	14°14	14°50	2° 2	29°26	18°51	25°38	24°40	29° 4	0°23	17°50	13°19	M20
T 21	21 57 24	27°51'52	3♏ 0	0° 6	13°50	15°28	2°14	29°32	18°54	25°38	24°42	29° 6	0°19	17°56	13°16	T 21
W22	22 1 21	28°49'47	15°45	29♌12	13°24	16° 5	2°26	29°37	18°58	25°37	24°44	29° 7	0°16	18° 3	13°14	W22
T 23	22 5 17	29°47'43	28°10	28°18	12°56	16°42	2°37	29°42	19° 2	25°36	24°46	29°R 8	0°13	18°10	13°12	T 23
F 24	22 9 14	0♍45'40	10♐21	27°26	12°27	17°19	2°49	29°47	19° 5	25°35	24°48	29° 8	0°10	18°16	13°10	F 24
S 25	22 13 10	1°43'39	22°21	26°37	11°56	17°55	3° 1	29°52	19° 9	25°35	24°50	29° 6	0° 7	18°23	13° 8	S 25
S 26	22 17 7	2°41'39	4♑15	25°52	11°23	18°32	3°13	29°57	19°13	25°34	24°51	29° 3	0° 3	18°30	13° 7	S 26
M27	22 21 3	3°39'40	16° 7	25°12	10°49	19° 9	3°25	0♋ 2	19°16	25°33	24°53	28°59	0° 0	18°37	13° 5	M27
T 28	22 25 0	4°37'43	28° 1	24°39	10°14	19°45	3°37	0° 7	19°20	25°32	24°55	28°55	29♓57	18°43	13° 3	T 28
W29	22 28 56	5°35'47	9♒59	24°12	9°38	20°21	3°49	0°12	19°24	25°31	24°57	28°51	29°54	18°50	13° 2	W29
T 30	22 32 53	6°33'53	22° 4	23°53	9° 2	20°57	4° 1	0°16	19°27	25°30	24°59	28°48	29°51	18°57	13° 0	T 30
F 31	22 36 50	7♍32'00	4♓17	23♌42	8♍24	21♊33	4♎14	0♋21	19♌31	25♈29	25♌ 1	28♓45	29♓48	19♉ 3	12♉59	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 8	24s 8	4s21	7n30	2s30	2n48	3s35	19n59	0s45	1n40	1n11	22n23	1s 5	16n12	0n40	8n20	1s45	23n24	10n30	0s 3	0n33	27s30	15s18	7n28
T 2	17 53	20 24	3 42	7 7	2 42	2 30	3 46	20 7	0 44	1 36	1 11	22 23	1 5	16 11	0 40	8 20	1 45	23 23	10 30	0 6	0 32	27 29	15 18	7 28
F 3	17 37	15 49	2 53	6 46	2 54	2 13	3 58	20 15	0 44	1 32	1 11	22 23	1 5	16 10	0 40	8 20	1 45	23 22	10 30	0 9	0 30	27 28	15 19	7 28
S 4	17 21	10 34	1 56	6 26	3 5	1 56	4 10	20 23	0 43	1 27	1 11	22 23	1 5	16 9	0 40	8 20	1 45	23 22	10 30	0 11	0 29	27 27	15 19	7 27
S 5	17 5	4 51	0 52	6 8	3 17	1 40	4 23	20 31	0 42	1 23	1 11	22 23	1 5	16 7	0 40	8 20	1 45	23 21	10 30	0 12	0 28	27 26	15 20	7 27
M 6	16 49	1n 8	0n15	5 52	3 28	1 24	4 35	20 39	0 41	1 19	1 11	22 23	1 5	16 6	0 40	8 20	1 45	23 20	10 30	0 12	0 27	27 25	15 20	7 27
T 7	16 32	7 11	1 23	5 39	3 39	1 10	4 47	20 47	0 40	1 14	1 11	22 23	1 5	16 5	0 40	8 20	1 45	23 20	10 30	0 11	0 25	27 24	15 21	7 27
W 8	16 16	13 4	2 28	5 27	3 49	0 56	5 0	20 54	0 39	1 10	1 10	22 23	1 5	16 4	0 40	8 20	1 46	23 19	10 30	0 11	0 24	27 23	15 22	7 26
T 9	15 58	18 30	3 26	5 18	3 59	0 43	5 12	21 1	0 38	1 5	1 10	22 23	1 5	16 3	0 40	8 19	1 46	23 19	10 30	0 11	0 23	27 22	15 22	7 26
F 10	15 41	23 9	4 15	5 12	4 8	0 31	5 25	21 8	0 38	1 1	1 10	22 23	1 5	16 2	0 40	8 19	1 46	23 18	10 30	0 11	0 22	27 21	15 23	7 26
S 11	15 23	26 37	4 50	5 9	4 17	0 19	5 37	21 15	0 37	0 56	1 10	22 24	1 5	16 1	0 40	8 19	1 46	23 17	10 30	0 11	0 20	27 20	15 23	7 25
S 12	15 6	28 27	5 8	5 8	4 24	0 9	5 50	21 22	0 36	0 52	1 10	22 24	1 5	15 59	0 40	8 19	1 46	23 17	10 30	0 13	0 19	27 19	15 24	7 25
M13	14 47	28 19	5 6	5 11	4 30	0s 0	6 2	21 28	0 35	0 47	1 10	22 24	1 5	15 58	0 40	8 19	1 46	23 16	10 30	0 15	0 18	27 17	15 25	7 25
T 14	14 29	26 10	4 44	5 17	4 35	0 9	6 14	21 35	0 34	0 43	1 10	22 24	1 5	15 57	0 40	8 18	1 46	23 15	10 30	0 17	0 17	27 16	15 25	7 24
W15	14 10	22 9	4 2	5 25	4 39	0 16	6 27	21 41	0 33	0 38	1 10	22 24	1 5	15 56	0 40	8 18	1 46	23 15	10 30	0 19	0 15	27 15	15 26	7 24
T 16	13 52	16 43	3 3	5 37	4 41	0 22	6 38	21 47	0 32	0 33	1 9	22 24	1 5	15 55	0 40	8 18	1 46	23 14	10 30	0 21	0 14	27 14	15 26	7 24
F 17	13 32	10 22	1 53	5 52	4 41	0 28	6 50	21 53	0 31	0 29	1 9	22 24	1 5	15 54	0 40	8 18	1 46	23 13	10 30	0 22	0 13	27 13	15 27	7 23
S 18	13 13	3 38	0 37	6 10	4 40	0 32	7 1	21 58	0 30	0 24	1 9	22 24	1 5	15 52	0 40	8 17	1 46	23 13	10 30	0 23	0 12	27 12	15 28	7 23
S 19	12 54	3s 7	0s39	6 31	4 37	0 34	7 12	22 4	0 29	0 19	1 9	22 24	1 5	15 51	0 40	8 17	1 46	23 12	10 30	0 23	0 10	27 11	15 28	7 22
M20	12 34	9 30	1 51	6 54	4 32	0 36	7 23	22 9	0 28	0 15	1 9	22 24	1 5	15 50	0 40	8 17	1 46	23 12	10 30	0 22	0 9	27 9	15 29	7 22
T 21	12 14	15 16	2 55	7 19	4 25	0 36	7 33	22 14	0 27	0 10	1 9	22 24	1 5	15 49	0 40	8 16	1 46	23 11	10 31	0 22	0 8	27 8	15 30	7 22
W22	11 54	20 13	3 48	7 46	4 16	0 35	7 43	22 19	0 26	0 5	1 9	22 24	1 5	15 48	0 40	8 16	1 46	23 10	10 31	0 21	0 6	27 7	15 30	7 21
T 23	11 34	24 9	4 29	8 15	4 5	0 33	7 52	22 24	0 25	0 0	1 9	22 24	1 5	15 47	0 40	8 16	1 46	23 10	10 31	0 21	0 5	27 6	15 31	7 21
F 24	11 13	26 56	4 57	8 44	3 53	0 30	8 0	22 28	0 24	0s 4	1 9	22 24	1 5	15 46	0 40	8 15	1 46	23 9	10 31	0 21	0 4	27 5	15 31	7 20
S 25	10 53	28 26	5 11	9 14	3 39	0 25	8 8	22 33	0 23	0 9	1 9	22 24	1 5	15 44	0 40	8 15	1 47	23 9	10 31	0 22	0 3	27 3	15 32	7 20
S 26	10 32	28 36	5 12	9 44	3 23	0 20	8 15	22 37	0 22	0 14	1 9	22 24	1 5	15 43	0 40	8 15	1 47	23 8	10 31	0 23	0 1	27 2	15 33	7 19
M27	10 11	27 27	4 59	10 12	3 7	0 13	8 21	22 41	0 21	0 19	1 8	22 24	1 5	15 42	0 40	8 14	1 47	23 8	10 31	0 24	0 0	27 1	15 33	7 19
T 28	9 50	25 4	4 34	10 40	2 49	0 5	8 26	22 45	0 20	0 24	1 8	22 24	1 5	15 41	0 40	8 14	1 47	23 7	10 31	0 26	0s 1	27 0	15 34	7 18
W29	9 28	21 34	3 57	11 6	2 31	0n 4	8 31	22 49	0 19	0 29	1 8	22 24	1 5	15 40	0 40	8 14	1 47	23 6	10 31	0 27	0 2	26 58	15 34	7 18
T 30	9 7	17 9	3 8	11 30	2 12	0 15	8 35	22 53	0 18	0 34	1 8	22 24	1 5	15 39	0 40	8 13	1 47	23 6	10 32	0 29	0 4	26 57	15 35	7 18
F 31	8n45	11s59	2s11	11n52	1s53	0n26	8s37	22n56	0s17	0s38	1n 8	22n24	1s 5	15n38	0n40	8n13	1s47	23n 5	10n32	0s30	0s 5	26s56	15s36	7n17

Julian Day Number = 2345106.5, Delta T = 11.84 sec
Ecliptic obliquity = 23°28'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'20, Lahiri = 19°47'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

SEPTEMBER 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 46	8♍30'10	16♓40	23°D39	7°R47	22♊ 8	4♎26	0♋25	19♌35	25°R28	25♌ 3	28°R44	29♓44	19♉10	12°R57	S 1
S 2	22 44 43	9°28'20	29°14	23♌45	7♍10	22°44	4°38	0°30	19°38	25♈27	25° 5	28°D43	29°41	19°17	12♉56	S 2
M 3	22 48 39	10°26'33	11♈59	24° 0	6°33	23°19	4°50	0°34	19°42	25°26	25° 7	28♓44	29°38	19°24	12°55	M 3
T 4	22 52 36	11°24'48	24°58	24°23	5°57	23°54	5° 3	0°38	19°45	25°25	25° 9	28°45	29°35	19°30	12°53	T 4
W 5	22 56 32	12°23'05	8♉11	24°56	5°21	24°29	5°15	0°42	19°49	25°24	25°11	28°46	29°32	19°37	12°52	W 5
T 6	23 0 29	13°21'23	21°39	25°37	4°47	25° 4	5°28	0°46	19°52	25°23	25°13	28°47	29°29	19°44	12°51	T 6
F 7	23 4 25	14°19'44	5♊22	26°26	4°14	25°39	5°40	0°50	19°56	25°22	25°14	28°48	29°25	19°50	12°50	F 7
S 8	23 8 22	15°18'08	19°20	27°22	3°42	26°13	5°53	0°54	19°59	25°20	25°16	28°R48	29°22	19°57	12°49	S 8
S 9	23 12 19	16°16'33	3♋33	28°26	3°12	26°47	6° 5	0°58	20° 3	25°19	25°18	28°48	29°19	20° 4	12°49	S 9
M10	23 16 15	17°15'01	17°59	29°37	2°43	27°21	6°18	1° 2	20° 6	25°18	25°20	28°47	29°16	20°11	12°48	M10
T 11	23 20 12	18°13'30	2♌33	0♍54	2°17	27°55	6°30	1° 5	20°10	25°17	25°22	28°46	29°13	20°17	12°47	T 11
W12	23 24 8	19°12'02	17°11	2°17	1°52	28°29	6°43	1° 9	20°13	25°16	25°24	28°44	29° 9	20°24	12°47	W12
T 13	23 28 5	20°10'36	1♍47	3°44	1°30	29° 2	6°56	1°12	20°16	25°14	25°25	28°43	29° 6	20°31	12°46	T 13
F 14	23 32 1	21° 9'12	16°13	5°16	1°10	29°35	7° 8	1°15	20°20	25°13	25°27	28°43	29° 3	20°37	12°46	F 14
S 15	23 35 58	22° 7'50	0♎26	6°52	0°52	0♋ 8	7°21	1°18	20°23	25°12	25°29	28°D43	29° 0	20°44	12°45	S 15
S 16	23 39 54	23° 6'29	14°19	8°31	0°36	0°41	7°34	1°22	20°26	25°10	25°31	28°43	28°57	20°51	12°45	S 16
M17	23 43 51	24° 5'11	27°50	10°13	0°23	1°14	7°47	1°25	20°30	25° 9	25°33	28°43	28°54	20°58	12°45	M17
T 18	23 47 47	25° 3'54	10♏59	11°57	0°12	1°46	7°59	1°27	20°33	25° 7	25°34	28°44	28°50	21° 4	12°45	T 18
W19	23 51 44	26° 2'39	23°47	13°42	0° 4	2°18	8°12	1°30	20°36	25° 6	25°36	28°44	28°47	21°11	12°D45	W19
T 20	23 55 41	27° 1'26	6♐15	15°29	29♌58	2°50	8°25	1°33	20°39	25° 5	25°38	28°44	28°44	21°18	12°45	T 20
F 21	23 59 37	28° 0'15	18°28	17°17	29°54	3°22	8°38	1°36	20°42	25° 3	25°40	28°44	28°41	21°24	12°45	F 21
S 22	0 3 34	28°59'06	0♑29	19° 6	29°D53	3°53	8°51	1°38	20°46	25° 2	25°41	28°44	28°38	21°31	12°45	S 22
S 23	0 7 30	29°57'58	12°24	20°55	29°55	4°25	9° 4	1°40	20°49	25° 0	25°43	28°44	28°35	21°38	12°46	S 23
M24	0 11 27	0♎56'52	24°17	22°45	29°58	4°56	9°17	1°43	20°52	24°59	25°45	28°44	28°31	21°45	12°46	M24
T 25	0 15 23	1°55'48	6♒11	24°34	0♍ 4	5°26	9°30	1°45	20°55	24°57	25°46	28°45	28°28	21°51	12°46	T 25
W26	0 19 20	2°54'45	18°12	26°23	0°12	5°57	9°43	1°47	20°58	24°56	25°48	28°45	28°25	21°58	12°47	W26
T 27	0 23 17	3°53'45	0♓23	28°12	0°22	6°27	9°55	1°49	21° 1	24°54	25°50	28°46	28°22	22° 5	12°48	T 27
F 28	0 27 13	4°52'46	12°46	0♎ 0	0°35	6°57	10° 8	1°51	21° 4	24°53	25°51	28°46	28°19	22°11	12°48	F 28
S 29	0 31 10	5°51'49	25°23	1°48	0°49	7°26	10°21	1°53	21° 7	24°51	25°53	28°R46	28°15	22°18	12°49	S 29
S 30	0 35 6	6♎50'54	8♈16	3♎36	1♍ 6	7♋56	10♎34	1♋54	21♌10	24♈50	25♌54	28♓46	28♓12	22♉25	12♉50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n24	6s17	1s 6	12n11	1s34	0n38	8s39	22n59	0s15	0s43	1n 8	22n24	1s 5	15n37	0n40	8n12	1s47	23n 5	10n32	0s30	0s 6	26s55	15s36	7n17
S 2	8 2	0 16	0n 3	12 26	1 16	0 50	8 40	23 2	0 14	0 48	1 8	22 24	1 5	15 35	0 40	8 12	1 47	23 4	10 32	0 31	0 7	26 53	15 37	7 16
M 3	7 40	5n52	1 13	12 39	0 57	1 4	8 40	23 5	0 13	0 53	1 8	22 24	1 5	15 34	0 40	8 12	1 47	23 4	10 32	0 30	0 9	26 52	15 37	7 16
T 4	7 18	11 51	2 20	12 48	0 39	1 18	8 39	23 8	0 12	0 58	1 8	22 24	1 5	15 33	0 40	8 11	1 47	23 3	10 32	0 30	0 10	26 51	15 38	7 15
W 5	6 56	17 26	3 21	12 53	0 22	1 32	8 37	23 11	0 11	1 3	1 8	22 24	1 5	15 32	0 40	8 11	1 47	23 3	10 32	0 29	0 11	26 49	15 39	7 15
T 6	6 33	22 16	4 12	12 55	0 6	1 47	8 34	23 14	0 10	1 8	1 8	22 23	1 5	15 31	0 40	8 10	1 47	23 2	10 33	0 29	0 13	26 48	15 39	7 14
F 7	6 11	25 59	4 50	12 53	0n10	2 3	8 30	23 16	0 9	1 13	1 8	22 23	1 5	15 30	0 40	8 10	1 47	23 2	10 33	0 29	0 14	26 47	15 40	7 14
S 8	5 48	28 14	5 12	12 47	0 24	2 18	8 26	23 18	0 7	1 18	1 8	22 23	1 5	15 29	0 40	8 9	1 47	23 1	10 33	0 29	0 15	26 46	15 40	7 13
S 9	5 25	28 41	5 15	12 37	0 37	2 34	8 20	23 20	0 6	1 23	1 8	22 23	1 5	15 28	0 40	8 9	1 47	23 1	10 33	0 29	0 16	26 44	15 41	7 13
M10	5 3	27 12	4 59	12 24	0 50	2 50	8 14	23 22	0 5	1 28	1 7	22 23	1 5	15 27	0 40	8 8	1 47	23 0	10 33	0 29	0 18	26 43	15 42	7 12
T 11	4 40	23 53	4 23	12 7	1 1	3 5	8 8	23 24	0 4	1 33	1 7	22 23	1 5	15 26	0 40	8 8	1 47	23 0	10 33	0 30	0 19	26 42	15 42	7 12
W12	4 17	19 3	3 30	11 47	1 11	3 21	8 0	23 26	0 2	1 38	1 7	22 23	1 5	15 25	0 40	8 7	1 47	22 59	10 34	0 30	0 20	26 40	15 43	7 11
T 13	3 54	13 6	2 24	11 23	1 20	3 36	7 52	23 27	0 1	1 43	1 7	22 23	1 5	15 24	0 41	8 7	1 47	22 59	10 34	0 31	0 21	26 39	15 43	7 11
F 14	3 31	6 30	1 9	10 57	1 27	3 51	7 44	23 29	0n 0	1 49	1 7	22 23	1 5	15 23	0 41	8 6	1 47	22 58	10 34	0 31	0 23	26 37	15 44	7 10
S 15	3 8	0s19	0s10	10 27	1 34	4 6	7 35	23 30	0 1	1 54	1 7	22 23	1 5	15 21	0 41	8 6	1 47	22 58	10 34	0 31	0 24	26 36	15 44	7 10
S 16	2 44	6 58	1 25	9 55	1 39	4 20	7 25	23 31	0 3	1 59	1 7	22 23	1 5	15 20	0 41	8 5	1 47	22 58	10 34	0 31	0 25	26 35	15 45	7 9
M17	2 21	13 7	2 35	9 21	1 43	4 34	7 15	23 32	0 4	2 4	1 7	22 23	1 5	15 19	0 41	8 5	1 48	22 57	10 35	0 31	0 26	26 33	15 45	7 8
T 18	1 58	18 32	3 33	8 44	1 47	4 47	7 5	23 33	0 5	2 9	1 7	22 23	1 6	15 18	0 41	8 4	1 48	22 57	10 35	0 30	0 28	26 32	15 46	7 8
W19	1 34	22 57	4 20	8 6	1 49	5 0	6 54	23 34	0 7	2 14	1 7	22 23	1 6	15 17	0 41	8 4	1 48	22 56	10 35	0 30	0 29	26 30	15 47	7 7
T 20	1 11	26 12	4 53	7 26	1 51	5 12	6 44	23 35	0 8	2 19	1 7	22 23	1 6	15 16	0 41	8 3	1 48	22 56	10 35	0 30	0 30	26 29	15 47	7 7
F 21	0 48	28 9	5 12	6 44	1 52	5 23	6 33	23 36	0 9	2 24	1 7	22 23	1 6	15 15	0 41	8 3	1 48	22 56	10 36	0 30	0 32	26 28	15 48	7 6
S 22	0 24	28 46	5 17	6 2	1 52	5 34	6 21	23 36	0 11	2 29	1 7	22 23	1 6	15 14	0 41	8 2	1 48	22 55	10 36	0 30	0 33	26 26	15 48	7 6
S 23	0 1	28 1	5 8	5 18	1 51	5 45	6 10	23 37	0 12	2 34	1 7	22 22	1 6	15 13	0 41	8 1	1 48	22 55	10 36	0 30	0 34	26 25	15 49	7 5
M24	0s23	25 59	4 46	4 34	1 49	5 54	5 59	23 37	0 14	2 39	1 7	22 22	1 6	15 13	0 41	8 1	1 48	22 54	10 36	0 30	0 35	26 23	15 49	7 5
T 25	0 46	22 49	4 12	3 48	1 47	6 3	5 47	23 37	0 15	2 45	1 7	22 22	1 6	15 12	0 41	8 0	1 48	22 54	10 37	0 30	0 37	26 22	15 50	7 4
W26	1 10	18 40	3 26	3 3	1 45	6 11	5 35	23 37	0 16	2 50	1 7	22 22	1 6	15 11	0 41	8 0	1 48	22 54	10 37	0 30	0 38	26 20	15 50	7 4
T 27	1 33	13 43	2 31	2 16	1 42	6 18	5 24	23 37	0 18	2 55	1 7	22 22	1 6	15 10	0 41	7 59	1 48	22 53	10 37	0 30	0 39	26 19	15 51	7 3
F 28	1 57	8 8	1 28	1 30	1 38	6 25	5 12	23 37	0 19	3 0	1 7	22 22	1 6	15 9	0 41	7 59	1 48	22 53	10 37	0 29	0 40	26 18	15 51	7 3
S 29	2 20	2 7	0 19	0 43	1 34	6 31	5 1	23 37	0 21	3 5	1 7	22 22	1 6	15 8	0 41	7 58	1 48	22 53	10 38	0 29	0 42	26 16	15 52	7 2
S 30	2s43	4n 5	0n52	0s 3	1n30	6n36	4s49	23n37	0n22	3s10	1n 7	22n22	1s 6	15n 7	0n41	7n57	1s48	22n52	10n38	0s29	0s43	26s15	15s52	7n 1

Julian Day Number = 2345137.5, Delta T = 11.82 sec
Ecliptic obliquity = 23°28'47, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'24, Lahiri = 19°47'25Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

OCTOBER 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 3	7♎50'02	21♈25	5♎22	1♍24	8♋25	10♎47	1♋56	21♌12	24°R48	25♌56	28°R46	28♓ 9	22♉31	12♉51	M 1
T 2	0 42 59	8°49'11	4♉48	7° 8	1°45	8°54	11° 0	1°57	21°15	24♈46	25°57	28♓45	28° 6	22°38	12°52	T 2
W 3	0 46 56	9°48'23	18°25	8°54	2° 7	9°22	11°13	1°58	21°18	24°45	25°59	28°43	28° 3	22°45	12°53	W 3
T 4	0 50 52	10°47'36	2♊13	10°38	2°31	9°51	11°26	2° 0	21°21	24°43	26° 0	28°42	28° 0	22°52	12°54	T 4
F 5	0 54 49	11°46'53	16°11	12°22	2°57	10°19	11°39	2° 1	21°24	24°42	26° 2	28°41	27°56	22°58	12°55	F 5
S 6	0 58 45	12°46'11	0♋16	14° 5	3°24	10°46	11°52	2° 2	21°26	24°40	26° 3	28°40	27°53	23° 5	12°57	S 6
S 7	1 2 42	13°45'32	14°26	15°48	3°53	11°14	12° 5	2° 3	21°29	24°38	26° 5	28°D39	27°50	23°12	12°58	S 7
M 8	1 6 39	14°44'56	28°39	17°29	4°24	11°41	12°18	2° 3	21°31	24°37	26° 6	28°40	27°47	23°18	13° 0	M 8
T 9	1 10 35	15°44'22	12♌52	19°10	4°56	12° 8	12°31	2° 4	21°34	24°35	26° 8	28°41	27°44	23°25	13° 1	T 9
W10	1 14 32	16°43'49	27° 4	20°50	5°30	12°34	12°44	2° 5	21°37	24°33	26° 9	28°42	27°40	23°32	13° 3	W10
T 11	1 18 28	17°43'20	11♍11	22°30	6° 5	13° 0	12°57	2° 5	21°39	24°32	26°10	28°43	27°37	23°39	13° 4	T 11
F 12	1 22 25	18°42'52	25°10	24° 9	6°41	13°26	13°10	2° 5	21°41	24°30	26°12	28°R44	27°34	23°45	13° 6	F 12
S 13	1 26 21	19°42'27	8♎59	25°47	7°19	13°51	13°23	2° 6	21°44	24°28	26°13	28°44	27°31	23°52	13° 8	S 13
S 14	1 30 18	20°42'03	22°34	27°24	7°58	14°16	13°36	2°R 6	21°46	24°27	26°14	28°42	27°28	23°59	13°10	S 14
M15	1 34 14	21°41'42	5♏53	29° 1	8°38	14°41	13°49	2° 6	21°49	24°25	26°16	28°40	27°25	24° 5	13°12	M15
T 16	1 38 11	22°41'23	18°55	0♏37	9°19	15° 5	14° 2	2° 5	21°51	24°23	26°17	28°36	27°21	24°12	13°14	T 16
W17	1 42 8	23°41'05	1♐39	2°13	10° 1	15°29	14°15	2° 5	21°53	24°22	26°18	28°32	27°18	24°19	13°16	W17
T 18	1 46 4	24°40'50	14° 7	3°48	10°45	15°52	14°28	2° 5	21°55	24°20	26°19	28°28	27°15	24°26	13°19	T 18
F 19	1 50 1	25°40'36	26°20	5°22	11°29	16°15	14°41	2° 4	21°57	24°18	26°20	28°24	27°12	24°32	13°21	F 19
S 20	1 53 57	26°40'24	8♑22	6°56	12°14	16°38	14°54	2° 4	21°59	24°16	26°22	28°21	27° 9	24°39	13°23	S 20
S 21	1 57 54	27°40'14	20°16	8°30	13° 1	17° 0	15° 7	2° 3	22° 1	24°15	26°23	28°20	27° 6	24°46	13°26	S 21
M22	2 1 50	28°40'06	2♒ 8	10° 2	13°48	17°22	15°20	2° 2	22° 3	24°13	26°24	28°D20	27° 2	24°52	13°28	M22
T 23	2 5 47	29°39'59	14° 1	11°35	14°36	17°43	15°32	2° 1	22° 5	24°11	26°25	28°20	26°59	24°59	13°31	T 23
W24	2 9 43	0♏39'54	26° 2	13° 6	15°25	18° 4	15°45	2° 0	22° 7	24°10	26°26	28°22	26°56	25° 6	13°33	W24
T 25	2 13 40	1°39'50	8♓15	14°38	16°15	18°25	15°58	1°59	22° 9	24° 8	26°27	28°24	26°53	25°12	13°36	T 25
F 26	2 17 37	2°39'48	20°43	16° 8	17° 6	18°45	16°11	1°58	22°11	24° 6	26°28	28°25	26°50	25°19	13°39	F 26
S 27	2 21 33	3°39'48	3♈31	17°39	17°57	19° 4	16°24	1°57	22°13	24° 5	26°29	28°R25	26°46	25°26	13°42	S 27
S 28	2 25 30	4°39'49	16°39	19° 8	18°49	19°23	16°36	1°55	22°14	24° 3	26°30	28°24	26°43	25°33	13°45	S 28
M29	2 29 26	5°39'53	0♉ 9	20°38	19°42	19°42	16°49	1°54	22°16	24° 1	26°31	28°20	26°40	25°39	13°48	M29
T 30	2 33 23	6°39'58	13°59	22° 6	20°36	20° 0	17° 2	1°52	22°18	24° 0	26°32	28°16	26°37	25°46	13°51	T 30
W31	2 37 19	7♏40'05	28♉ 5	23♏35	21♍30	20♋18	17♎14	1♋50	22♌19	23♈58	26♌32	28♓ 9	26♓34	25♉53	13♉54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 7	10n15	2n 2	0s50	1n25	6n40	4s38	23n37	0n24	3s15	1n 7	22n22	1s 6	15n 6	0n41	7n57	1s48	22n52	10n38	0s30	0s44	26s13	15s52	7n 1
T 2	3 30	16 4	3 6	1 37	1 20	6 44	4 26	23 36	0 26	3 20	1 7	22 22	1 6	15 5	0 41	7 56	1 48	22 52	10 38	0 30	0 45	26 12	15 53	7 0
W 3	3 53	21 12	4 1	2 23	1 15	6 46	4 15	23 36	0 27	3 25	1 7	22 22	1 6	15 4	0 41	7 56	1 48	22 52	10 39	0 31	0 47	26 10	15 53	7 0
T 4	4 17	25 16	4 43	3 9	1 10	6 48	4 4	23 35	0 29	3 31	1 7	22 22	1 6	15 3	0 41	7 55	1 48	22 51	10 39	0 31	0 48	26 9	15 54	6 59
F 5	4 40	27 52	5 8	3 55	1 4	6 50	3 52	23 35	0 30	3 36	1 7	22 22	1 6	15 3	0 41	7 54	1 48	22 51	10 39	0 32	0 49	26 7	15 54	6 59
S 6	5 3	28 44	5 16	4 41	0 58	6 50	3 41	23 34	0 32	3 41	1 7	22 22	1 6	15 2	0 41	7 54	1 48	22 51	10 40	0 32	0 51	26 5	15 55	6 58
S 7	5 26	27 44	5 4	5 26	0 52	6 50	3 30	23 34	0 33	3 46	1 7	22 22	1 6	15 1	0 41	7 53	1 48	22 51	10 40	0 32	0 52	26 4	15 55	6 58
M 8	5 49	24 56	4 34	6 11	0 46	6 49	3 20	23 33	0 35	3 51	1 7	22 22	1 6	15 0	0 41	7 53	1 48	22 50	10 40	0 32	0 53	26 2	15 55	6 57
T 9	6 12	20 36	3 47	6 55	0 39	6 47	3 9	23 32	0 37	3 56	1 7	22 22	1 6	14 59	0 41	7 52	1 48	22 50	10 40	0 32	0 54	26 1	15 56	6 57
W10	6 35	15 7	2 46	7 39	0 33	6 44	2 59	23 31	0 38	4 1	1 7	22 22	1 6	14 59	0 41	7 51	1 48	22 50	10 41	0 31	0 56	25 59	15 56	6 56
T 11	6 58	8 51	1 35	8 22	0 26	6 41	2 48	23 31	0 40	4 6	1 7	22 22	1 6	14 58	0 41	7 51	1 48	22 50	10 41	0 31	0 57	25 58	15 56	6 56
F 12	7 21	2 13	0 20	9 5	0 19	6 37	2 38	23 30	0 42	4 11	1 7	22 22	1 6	14 57	0 41	7 50	1 48	22 50	10 41	0 30	0 58	25 56	15 57	6 55
S 13	7 43	4s25	0s56	9 47	0 13	6 33	2 28	23 29	0 44	4 16	1 7	22 21	1 6	14 56	0 41	7 49	1 48	22 49	10 42	0 30	0 59	25 55	15 57	6 55
S 14	8 6	10 46	2 7	10 29	0 6	6 27	2 18	23 28	0 45	4 21	1 7	22 21	1 6	14 56	0 41	7 49	1 48	22 49	10 42	0 31	1 1	25 53	15 58	6 54
M15	8 28	16 30	3 10	11 10	0s 1	6 22	2 9	23 27	0 47	4 26	1 7	22 21	1 6	14 55	0 41	7 48	1 48	22 49	10 42	0 32	1 2	25 51	15 58	6 53
T 16	8 50	21 21	4 2	11 50	0 8	6 15	1 59	23 26	0 49	4 31	1 7	22 21	1 6	14 54	0 41	7 48	1 48	22 49	10 43	0 33	1 3	25 50	15 58	6 53
W17	9 13	25 5	4 40	12 29	0 15	6 8	1 50	23 25	0 51	4 36	1 7	22 21	1 6	14 54	0 42	7 47	1 48	22 49	10 43	0 35	1 4	25 48	15 58	6 52
T 18	9 35	27 33	5 3	13 8	0 21	6 0	1 41	23 24	0 53	4 41	1 7	22 21	1 6	14 53	0 42	7 46	1 48	22 49	10 43	0 37	1 6	25 47	15 59	6 52
F 19	9 56	28 38	5 13	13 47	0 28	5 51	1 32	23 23	0 55	4 46	1 7	22 21	1 6	14 52	0 42	7 46	1 48	22 49	10 44	0 38	1 7	25 45	15 59	6 51
S 20	10 18	28 21	5 8	14 24	0 35	5 42	1 23	23 23	0 56	4 51	1 7	22 21	1 6	14 52	0 42	7 45	1 48	22 49	10 44	0 39	1 8	25 43	15 59	6 51
S 21	10 40	26 44	4 51	15 1	0 42	5 32	1 14	23 22	0 58	4 56	1 7	22 21	1 7	14 51	0 42	7 44	1 48	22 49	10 44	0 40	1 9	25 42	16 0	6 50
M22	11 1	23 57	4 20	15 37	0 48	5 22	1 6	23 21	1 0	5 1	1 7	22 21	1 7	14 50	0 42	7 44	1 48	22 48	10 45	0 40	1 11	25 40	16 0	6 50
T 23	11 22	20 8	3 39	16 12	0 55	5 11	0 57	23 20	1 2	5 6	1 7	22 21	1 7	14 50	0 42	7 43	1 48	22 48	10 45	0 40	1 12	25 38	16 0	6 49
W24	11 43	15 29	2 48	16 46	1 1	5 0	0 49	23 19	1 4	5 11	1 7	22 21	1 7	14 49	0 42	7 43	1 48	22 48	10 45	0 39	1 13	25 37	16 0	6 49
T 25	12 4	10 10	1 48	17 20	1 8	4 48	0 41	23 18	1 6	5 16	1 7	22 21	1 7	14 49	0 42	7 42	1 48	22 48	10 46	0 38	1 15	25 35	16 1	6 49
F 26	12 25	4 20	0 42	17 53	1 14	4 35	0 34	23 18	1 8	5 21	1 7	22 21	1 7	14 48	0 42	7 41	1 48	22 48	10 46	0 38	1 16	25 33	16 1	6 48
S 27	12 46	1n49	0n28	18 24	1 20	4 22	0 26	23 17	1 10	5 25	1 7	22 21	1 7	14 47	0 42	7 41	1 48	22 48	10 46	0 38	1 17	25 32	16 1	6 48
S 28	13 6	8 4	1 38	18 55	1 26	4 9	0 18	23 16	1 13	5 30	1 7	22 21	1 7	14 47	0 42	7 40	1 48	22 48	10 47	0 38	1 18	25 30	16 1	6 47
M29	13 26	14 6	2 44	19 25	1 32	3 55	0 11	23 16	1 15	5 35	1 7	22 21	1 7	14 46	0 42	7 40	1 48	22 48	10 47	0 40	1 20	25 28	16 1	6 47
T 30	13 46	19 35	3 42	19 54	1 38	3 40	0 4	23 15	1 17	5 40	1 7	22 21	1 7	14 46	0 42	7 39	1 48	22 48	10 48	0 42	1 21	25 27	16 1	6 46
W31	14s 5	24n 7	4n28	20s22	1s43	3n25	0n 3	23n15	1n19	5s45	1n 7	22n21	1s 7	14n46	0n42	7n38	1s48	22n48	10n48	0s44	1s22	25s25	16s 2	6n46

Julian Day Number = 2345167.5, Delta T = 11.81 sec
Ecliptic obliquity = 23°28'48, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'28, Lahiri = 19°47'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

NOVEMBER 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 16	8♏40'14	12♊22	25♏ 2	22♍25	20♋35	17♎27	1°R48	22♑21	23°R57	26♑33	28°R 3	26♓31	25♉59	13♉57	T 1
F 2	2 45 12	9°40'26	26°45	26°30	23°20	20°51	17°39	1♋46	22°22	23♈55	26°34	27♓57	26°27	26° 6	14° 0	F 2
S 3	2 49 9	10°40'39	11♋ 8	27°56	24°16	21° 7	17°52	1°44	22°24	23°53	26°35	27°52	26°24	26°13	14° 4	S 3
S 4	2 53 6	11°40'54	25°28	29°22	25°13	21°23	18° 4	1°42	22°25	23°52	26°36	27°49	26°21	26°20	14° 7	S 4
M 5	2 57 2	12°41'12	9♑40	0♐47	26°10	21°38	18°17	1°40	22°26	23°50	26°36	27°D47	26°18	26°26	14°11	M 5
T 6	3 0 59	13°41'31	23°43	2°12	27° 8	21°52	18°29	1°37	22°28	23°49	26°37	27°48	26°15	26°33	14°14	T 6
W 7	3 4 55	14°41'52	7♍36	3°36	28° 6	22° 6	18°42	1°35	22°29	23°47	26°38	27°49	26°12	26°40	14°18	W 7
T 8	3 8 52	15°42'16	21°19	4°59	29° 5	22°19	18°54	1°32	22°30	23°46	26°38	27°R50	26° 8	26°46	14°21	T 8
F 9	3 12 48	16°42'41	4♎52	6°21	0♎ 5	22°31	19° 6	1°30	22°31	23°44	26°39	27°50	26° 5	26°53	14°25	F 9
S 10	3 16 45	17°43'08	18°15	7°42	1° 4	22°43	19°18	1°27	22°32	23°43	26°39	27°48	26° 2	27° 0	14°29	S 10
S 11	3 20 41	18°43'36	1♏26	9° 2	2° 5	22°54	19°30	1°24	22°33	23°41	26°40	27°43	25°59	27° 6	14°32	S 11
M12	3 24 38	19°44'07	14°26	10°21	3° 5	23° 5	19°43	1°21	22°34	23°40	26°41	27°37	25°56	27°13	14°36	M12
T 13	3 28 35	20°44'39	27°13	11°38	4° 6	23°15	19°55	1°18	22°35	23°38	26°41	27°27	25°52	27°20	14°40	T 13
W14	3 32 31	21°45'13	9♐47	12°53	5° 8	23°24	20° 7	1°15	22°36	23°37	26°41	27°17	25°49	27°27	14°44	W14
T 15	3 36 28	22°45'48	22° 9	14° 7	6°10	23°33	20°19	1°11	22°36	23°35	26°42	27° 6	25°46	27°33	14°48	T 15
F 16	3 40 24	23°46'25	4♑18	15°19	7°12	23°40	20°31	1° 8	22°37	23°34	26°42	26°56	25°43	27°40	14°52	F 16
S 17	3 44 21	24°47'03	16°18	16°29	8°15	23°48	20°42	1° 5	22°38	23°32	26°43	26°48	25°40	27°47	14°56	S 17
S 18	3 48 17	25°47'42	28°10	17°36	9°18	23°54	20°54	1° 1	22°38	23°31	26°43	26°41	25°37	27°53	15° 1	S 18
M19	3 52 14	26°48'22	10♒ 0	18°39	10°21	24° 0	21° 6	0°58	22°39	23°30	26°43	26°37	25°33	28° 0	15° 5	M19
T 20	3 56 10	27°49'04	21°51	19°40	11°25	24° 4	21°18	0°54	22°39	23°28	26°44	26°35	25°30	28° 7	15° 9	T 20
W21	4 0 7	28°49'46	3♓49	20°37	12°29	24° 9	21°29	0°50	22°40	23°27	26°44	26°D35	25°27	28°14	15°13	W21
T 22	4 4 4	29°50'30	15°58	21°29	13°33	24°12	21°41	0°46	22°40	23°26	26°44	26°36	25°24	28°20	15°18	T 22
F 23	4 8 0	0♐51'15	28°26	22°16	14°38	24°14	21°52	0°42	22°40	23°25	26°44	26°R36	25°21	28°27	15°22	F 23
S 24	4 11 57	1°52'00	11♈15	22°57	15°43	24°16	22° 4	0°38	22°41	23°23	26°44	26°35	25°18	28°34	15°27	S 24
S 25	4 15 53	2°52'47	24°29	23°32	16°48	24°17	22°15	0°34	22°41	23°22	26°44	26°32	25°14	28°40	15°31	S 25
M26	4 19 50	3°53'35	8♉11	24° 0	17°54	24°R18	22°26	0°30	22°41	23°21	26°45	26°26	25°11	28°47	15°36	M26
T 27	4 23 46	4°54'24	22°19	24°20	18°59	24°17	22°38	0°26	22°41	23°20	26°45	26°18	25° 8	28°54	15°40	T 27
W28	4 27 43	5°55'14	6♊48	24°31	20° 6	24°16	22°49	0°22	22°R41	23°19	26°45	26° 7	25° 5	29° 0	15°45	W28
T 29	4 31 39	6°56'05	21°33	24°R33	21°12	24°13	23° 0	0°18	22°41	23°17	26°R45	25°56	25° 2	29° 7	15°50	T 29
F 30	4 35 36	7♐56'57	6♋25	24♐24	22♎18	24♋10	23♎11	0♋13	22♑41	23♈16	26♑45	25♓45	24♓58	29♉14	15♉54	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14 s25	27n14	4n58	20 s49	1 s49	3n10	0n10	23n14	1n21	5 s49	1n 7	22n21	1 s 7	14n45	0n42	7n38	1 s48	22n48	10n48	0 s47	1 s23	25 s23	16 s 2	6n45	T 1
F 2	14 44	28 35	5 9	21 15	1 54	2 54	0 16	23 14	1 23	5 54	1 7	22 21	1 7	14 45	0 42	7 37	1 48	22 49	10 49	0 49	1 25	25 21	16 2	6 45	F 2
S 3	15 3	28 0	5 1	21 40	1 59	2 37	0 23	23 14	1 26	5 59	1 8	22 21	1 7	14 44	0 42	7 37	1 48	22 49	10 49	0 51	1 26	25 20	16 2	6 44	S 3
S 4	15 22	25 34	4 34	22 4	2 4	2 21	0 29	23 13	1 28	6 3	1 8	22 21	1 7	14 44	0 42	7 36	1 48	22 49	10 49	0 52	1 27	25 18	16 2	6 44	S 4
M 5	15 40	21 34	3 50	22 26	2 8	2 3	0 35	23 13	1 30	6 8	1 8	22 21	1 7	14 43	0 42	7 36	1 48	22 49	10 50	0 53	1 28	25 16	16 2	6 43	M 5
T 6	15 59	16 22	2 54	22 48	2 12	1 46	0 41	23 13	1 32	6 13	1 8	22 21	1 7	14 43	0 42	7 35	1 48	22 49	10 50	0 53	1 30	25 14	16 2	6 43	T 6
W 7	16 16	10 23	1 47	23 8	2 16	1 28	0 46	23 13	1 35	6 17	1 8	22 21	1 7	14 43	0 42	7 34	1 48	22 49	10 51	0 52	1 31	25 13	16 2	6 43	W 7
T 8	16 34	3 59	0 35	23 28	2 20	1 10	0 52	23 14	1 37	6 22	1 8	22 22	1 7	14 42	0 42	7 34	1 48	22 49	10 51	0 52	1 32	25 11	16 2	6 42	T 8
F 9	16 52	2 s31	0 s38	23 45	2 23	0 51	0 57	23 14	1 40	6 27	1 8	22 22	1 7	14 42	0 42	7 33	1 48	22 49	10 51	0 52	1 34	25 9	16 2	6 42	F 9
S 10	17 9	8 49	1 48	24 2	2 26	0 32	1 3	23 14	1 42	6 31	1 8	22 22	1 7	14 42	0 43	7 33	1 48	22 49	10 52	0 53	1 35	25 7	16 2	6 41	S 10
S 11	17 25	14 39	2 50	24 17	2 29	0 12	1 8	23 15	1 44	6 36	1 8	22 22	1 7	14 41	0 43	7 32	1 48	22 50	10 52	0 54	1 36	25 6	16 2	6 41	S 11
M12	17 42	19 45	3 43	24 31	2 31	0 s 7	1 13	23 15	1 47	6 40	1 8	22 22	1 7	14 41	0 43	7 32	1 48	22 50	10 53	0 57	1 37	25 4	16 2	6 41	M12
T 13	17 58	23 51	4 24	24 44	2 33	0 27	1 17	23 16	1 49	6 45	1 8	22 22	1 7	14 41	0 43	7 31	1 48	22 50	10 53	1 1	1 39	25 2	16 2	6 40	T 13
W14	18 14	26 45	4 51	24 55	2 34	0 47	1 22	23 17	1 52	6 49	1 8	22 22	1 7	14 41	0 43	7 31	1 48	22 50	10 53	1 5	1 40	25 0	16 2	6 40	W14
T 15	18 30	28 18	5 3	25 5	2 34	1 8	1 26	23 18	1 54	6 54	1 8	22 22	1 7	14 41	0 43	7 30	1 48	22 50	10 54	1 9	1 41	24 58	16 2	6 39	T 15
F 16	18 45	28 26	5 2	25 14	2 34	1 29	1 31	23 19	1 57	6 58	1 8	22 22	1 7	14 40	0 43	7 30	1 48	22 51	10 54	1 13	1 42	24 57	16 2	6 39	F 16
S 17	19 0	27 14	4 47	25 20	2 34	1 50	1 35	23 21	2 0	7 2	1 9	22 22	1 7	14 40	0 43	7 29	1 48	22 51	10 54	1 17	1 44	24 55	16 2	6 39	S 17
S 18	19 14	24 49	4 20	25 26	2 32	2 11	1 39	23 22	2 2	7 7	1 9	22 22	1 7	14 40	0 43	7 29	1 48	22 51	10 55	1 19	1 45	24 53	16 2	6 38	S 18
M19	19 29	21 20	3 42	25 30	2 30	2 32	1 42	23 24	2 5	7 11	1 9	22 22	1 7	14 40	0 43	7 28	1 48	22 51	10 55	1 21	1 46	24 51	16 2	6 38	M19
T 20	19 42	17 0	2 54	25 32	2 28	2 54	1 46	23 26	2 8	7 15	1 9	22 22	1 7	14 40	0 43	7 28	1 48	22 52	10 56	1 21	1 47	24 49	16 2	6 38	T 20
W21	19 56	11 58	1 59	25 32	2 24	3 16	1 50	23 27	2 10	7 20	1 9	22 22	1 7	14 40	0 43	7 27	1 48	22 52	10 56	1 22	1 49	24 47	16 2	6 37	W21
T 22	20 9	6 24	0 56	25 31	2 19	3 38	1 53	23 30	2 13	7 24	1 9	22 22	1 7	14 40	0 43	7 27	1 47	22 52	10 56	1 21	1 50	24 46	16 2	6 37	T 22
F 23	20 22	0 29	0n10	25 29	2 14	4 0	1 56	23 32	2 16	7 28	1 9	22 22	1 6	14 40	0 43	7 27	1 47	22 53	10 57	1 21	1 51	24 44	16 1	6 37	F 23
S 24	20 34	5n38	1 17	25 24	2 7	4 22	1 59	23 34	2 19	7 32	1 9	22 22	1 6	14 40	0 43	7 26	1 47	22 53	10 57	1 22	1 52	24 42	16 1	6 36	S 24
S 25	20 46	11 43	2 23	25 18	1 59	4 44	2 2	23 37	2 21	7 36	1 9	22 22	1 6	14 39	0 43	7 26	1 47	22 53	10 58	1 23	1 54	24 40	16 1	6 36	S 25
M26	20 58	17 26	3 22	25 10	1 50	5 7	2 5	23 39	2 24	7 40	1 9	22 22	1 6	14 39	0 43	7 25	1 47	22 54	10 58	1 25	1 55	24 38	16 1	6 36	M26
T 27	21 9	22 25	4 11	25 1	1 39	5 29	2 7	23 42	2 27	7 44	1 10	22 22	1 6	14 39	0 43	7 25	1 47	22 54	10 58	1 29	1 56	24 36	16 1	6 35	T 27
W28	21 20	26 9	4 45	24 49	1 27	5 52	2 10	23 45	2 30	7 48	1 10	22 22	1 6	14 40	0 43	7 25	1 47	22 54	10 59	1 33	1 57	24 34	16 0	6 35	W28
T 29	21 30	28 12	5 1	24 36	1 14	6 15	2 12	23 49	2 33	7 52	1 10	22 23	1 6	14 40	0 43	7 24	1 47	22 55	10 59	1 37	1 59	24 32	16 0	6 35	T 29
F 30	21 s40	28n15	4n56	24 s21	0 s59	6 s37	2n14	23n52	2n35	7 s56	1n10	22n23	1 s 6	14n40	0n43	7n24	1 s47	22n55	11n 0	1 s41	2 s 0	24 s30	16 s 0	6n35	F 30

Julian Day Number = 2345198.5, Delta T = 11.79 sec
Ecliptic obliquity = 23°28'47, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'33, Lahiri = 19°47'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1708
geocentric

DECEMBER 1708 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 33	8♐57'51	21♋15	24°R 4	23♎25	24°R 6	23♎22	0°R 9	22°R41	23°R15	26°R45	25°R36	24♓55	29♉21	15♉59	S 1
S 2	4 43 29	9°58'46	5♌55	23♐33	24°32	24♋ 2	23°32	0♋ 4	22♌41	23♈14	26♌44	25♓30	24°52	29°27	16° 4	S 2
M 3	4 47 26	10°59'42	20°21	22°51	25°40	23°56	23°43	29♊59	22°40	23°13	26°44	25°26	24°49	29°34	16° 9	M 3
T 4	4 51 22	12° 0'39	4♍28	21°58	26°47	23°50	23°54	29°55	22°40	23°12	26°44	25°24	24°46	29°41	16°14	T 4
W 5	4 55 19	13° 1'38	18°17	20°55	27°55	23°42	24° 4	29°51	22°40	23°11	26°44	25°24	24°43	29°47	16°19	W 5
T 6	4 59 15	14° 2'38	1♎48	19°43	29° 3	23°34	24°15	29°46	22°39	23°10	26°44	25°24	24°39	29°54	16°24	T 6
F 7	5 3 12	15° 3'38	15° 4	18°26	0♏11	23°25	24°25	29°41	22°39	23° 9	26°44	25°23	24°36	0♒ 1	16°29	F 7
S 8	5 7 9	16° 4'40	28° 6	17° 4	1°19	23°15	24°36	29°37	22°38	23° 9	26°43	25°19	24°33	0° 7	16°34	S 8
S 9	5 11 5	17° 5'43	10♏56	15°41	2°28	23° 5	24°46	29°32	22°38	23° 8	26°43	25°13	24°30	0°14	16°39	S 9
M10	5 15 2	18° 6'47	23°35	14°19	3°37	22°53	24°56	29°27	22°37	23° 7	26°43	25° 3	24°27	0°21	16°44	M10
T 11	5 18 58	19° 7'52	6♐ 5	13° 2	4°46	22°41	25° 6	29°22	22°36	23° 6	26°42	24°50	24°24	0°27	16°49	T 11
W12	5 22 55	20° 8'58	18°25	11°52	5°55	22°27	25°16	29°17	22°36	23° 5	26°42	24°36	24°20	0°34	16°54	W12
T 13	5 26 51	21°10'04	0♑36	10°50	7° 4	22°13	25°26	29°12	22°35	23° 5	26°41	24°21	24°17	0°41	16°59	T 13
F 14	5 30 48	22°11'11	12°39	9°57	8°13	21°59	25°35	29° 8	22°34	23° 4	26°41	24° 7	24°14	0°48	17° 4	F 14
S 15	5 34 44	23°12'19	24°34	9°16	9°23	21°43	25°45	29° 3	22°33	23° 3	26°41	23°54	24°11	0°54	17°10	S 15
S 16	5 38 41	24°13'27	6♒25	8°45	10°32	21°27	25°55	28°58	22°32	23° 3	26°40	23°44	24° 8	1° 1	17°15	S 16
M17	5 42 38	25°14'35	18°13	8°26	11°42	21°10	26° 4	28°53	22°31	23° 2	26°39	23°37	24° 4	1° 8	17°20	M17
T 18	5 46 34	26°15'43	0♓ 2	8°D17	12°52	20°52	26°13	28°48	22°30	23° 1	26°39	23°33	24° 1	1°14	17°25	T 18
W19	5 50 31	27°16'51	11°57	8°17	14° 2	20°34	26°22	28°43	22°29	23° 1	26°38	23°31	23°58	1°21	17°31	W19
T 20	5 54 27	28°18'00	24° 2	8°28	15°12	20°15	26°32	28°38	22°28	23° 0	26°38	23°31	23°55	1°28	17°36	T 20
F 21	5 58 24	29°19'09	6♈25	8°46	16°23	19°55	26°41	28°33	22°27	23° 0	26°37	23°31	23°52	1°34	17°41	F 21
S 22	6 2 20	0♑20'17	19° 9	9°12	17°33	19°35	26°49	28°28	22°25	23° 0	26°36	23°30	23°49	1°41	17°47	S 22
S 23	6 6 17	1°21'26	2♉19	9°45	18°44	19°14	26°58	28°23	22°24	22°59	26°36	23°27	23°45	1°48	17°52	S 23
M24	6 10 13	2°22'35	15°59	10°25	19°54	18°53	27° 7	28°18	22°23	22°59	26°35	23°21	23°42	1°55	17°58	M24
T 25	6 14 10	3°23'44	0♊ 9	11°10	21° 5	18°31	27°15	28°13	22°21	22°58	26°34	23°13	23°39	2° 1	18° 3	T 25
W26	6 18 7	4°24'52	14°47	12° 0	22°16	18° 9	27°24	28° 8	22°20	22°58	26°33	23° 2	23°36	2° 8	18° 8	W26
T 27	6 22 3	5°26'01	29°47	12°54	23°27	17°46	27°32	28° 3	22°18	22°58	26°33	22°50	23°33	2°15	18°14	T 27
F 28	6 26 0	6°27'10	14♋59	13°52	24°38	17°24	27°40	27°58	22°17	22°58	26°32	22°39	23°30	2°21	18°19	F 28
S 29	6 29 56	7°28'19	0♌12	14°53	25°50	17° 0	27°48	27°53	22°15	22°57	26°31	22°29	23°26	2°28	18°25	S 29
S 30	6 33 53	8°29'29	15°15	15°58	27° 1	16°37	27°56	27°49	22°14	22°57	26°30	22°22	23°23	2°35	18°30	S 30
M31	6 37 49	9♑30'38	0♍ 1	17♐ 5	28♏12	16♋13	28♎ 4	27♊44	22♌12	22♈57	26♌29	22♓18	23♓20	2♒41	18♉36	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s50	26n17	4n32	24s 3	0s43	7s 0	2n16	23n55	2n38	8s 0	1n10	22n23	1s 6	14n40	0n43	7n23	1s47	22n55	11n 0	1s45	2s 1	24s29	16s 0	6n34
S 2	21 59	22 32	3 50	23 44	0 25	7 23	2 18	23 59	2 41	8 4	1 10	22 23	1 6	14 40	0 43	7 23	1 47	22 56	11 0	1 48	2 3	24 27	15 59	6 34
M 3	22 8	17 29	2 54	23 24	0 6	7 46	2 20	24 3	2 44	8 8	1 10	22 23	1 6	14 40	0 44	7 23	1 47	22 56	11 1	1 49	2 4	24 25	15 59	6 34
T 4	22 16	11 34	1 48	23 1	0n13	8 9	2 21	24 7	2 47	8 12	1 10	22 23	1 6	14 40	0 44	7 22	1 47	22 57	11 1	1 50	2 5	24 23	15 59	6 33
W 5	22 24	5 13	0 38	22 37	0 33	8 32	2 23	24 11	2 50	8 16	1 11	22 23	1 6	14 40	0 44	7 22	1 47	22 57	11 2	1 50	2 6	24 21	15 58	6 33
T 6	22 31	1s14	0s34	22 11	0 54	8 55	2 24	24 15	2 53	8 19	1 11	22 23	1 6	14 40	0 44	7 22	1 47	22 57	11 2	1 50	2 8	24 19	15 58	6 33
F 7	22 38	7 31	1 42	21 45	1 14	9 17	2 25	24 19	2 55	8 23	1 11	22 23	1 6	14 41	0 44	7 22	1 47	22 58	11 2	1 50	2 9	24 17	15 58	6 33
S 8	22 45	13 21	2 43	21 19	1 33	9 40	2 26	24 24	2 58	8 27	1 11	22 23	1 6	14 41	0 44	7 21	1 47	22 58	11 3	1 52	2 10	24 15	15 57	6 32
S 9	22 51	18 32	3 36	20 52	1 51	10 3	2 27	24 29	3 1	8 30	1 11	22 23	1 6	14 41	0 44	7 21	1 47	22 59	11 3	1 54	2 11	24 13	15 57	6 32
M10	22 57	22 50	4 16	20 27	2 7	10 25	2 28	24 33	3 4	8 34	1 11	22 23	1 6	14 41	0 44	7 21	1 47	22 59	11 4	1 58	2 13	24 11	15 57	6 32
T 11	23 2	26 1	4 44	20 4	2 21	10 48	2 29	24 38	3 7	8 37	1 11	22 23	1 5	14 42	0 44	7 21	1 47	23 0	11 4	2 3	2 14	24 9	15 56	6 32
W12	23 7	27 55	4 57	19 43	2 33	11 10	2 29	24 43	3 9	8 41	1 11	22 23	1 5	14 42	0 44	7 20	1 47	23 0	11 4	2 9	2 15	24 7	15 56	6 32
T 13	23 11	28 26	4 57	19 26	2 42	11 32	2 29	24 48	3 12	8 44	1 12	22 23	1 5	14 42	0 44	7 20	1 47	23 1	11 5	2 15	2 16	24 5	15 55	6 31
F 14	23 15	27 35	4 44	19 11	2 49	11 54	2 30	24 53	3 15	8 48	1 12	22 23	1 5	14 42	0 44	7 20	1 47	23 1	11 5	2 21	2 18	24 3	15 55	6 31
S 15	23 18	25 29	4 18	19 0	2 54	12 16	2 30	24 58	3 18	8 51	1 12	22 23	1 5	14 43	0 44	7 20	1 46	23 2	11 5	2 26	2 19	24 1	15 55	6 31
S 16	23 21	22 16	3 41	18 53	2 57	12 38	2 30	25 4	3 20	8 54	1 12	22 23	1 5	14 43	0 44	7 19	1 46	23 2	11 6	2 30	2 20	23 59	15 54	6 31
M17	23 24	18 10	2 55	18 49	2 58	13 0	2 30	25 9	3 23	8 58	1 12	22 24	1 5	14 44	0 44	7 19	1 46	23 3	11 6	2 32	2 21	23 57	15 54	6 31
T 18	23 26	13 22	2 1	18 48	2 57	13 21	2 30	25 14	3 25	9 1	1 12	22 24	1 5	14 44	0 44	7 19	1 46	23 3	11 7	2 34	2 23	23 55	15 53	6 31
W19	23 27	8 2	1 1	18 51	2 55	13 42	2 29	25 20	3 28	9 4	1 13	22 24	1 5	14 44	0 44	7 19	1 46	23 4	11 7	2 35	2 24	23 53	15 53	6 30
T 20	23 28	2 20	0n 3	18 56	2 51	14 3	2 29	25 25	3 30	9 7	1 13	22 24	1 5	14 45	0 44	7 19	1 46	23 5	11 7	2 35	2 25	23 51	15 52	6 30
F 21	23 29	3n35	1 8	19 3	2 47	14 24	2 28	25 30	3 33	9 10	1 13	22 24	1 5	14 45	0 44	7 19	1 46	23 5	11 8	2 35	2 26	23 49	15 52	6 30
S 22	23 29	9 32	2 11	19 13	2 41	14 44	2 28	25 35	3 35	9 13	1 13	22 24	1 4	14 46	0 44	7 19	1 46	23 6	11 8	2 35	2 28	23 47	15 51	6 30
S 23	23 28	15 16	3 10	19 24	2 35	15 4	2 27	25 41	3 37	9 16	1 13	22 24	1 4	14 46	0 44	7 19	1 46	23 6	11 8	2 36	2 29	23 45	15 50	6 30
M24	23 27	20 28	4 0	19 36	2 28	15 24	2 26	25 46	3 39	9 19	1 13	22 24	1 4	14 47	0 44	7 18	1 46	23 7	11 9	2 39	2 30	23 43	15 50	6 30
T 25	23 26	24 44	4 37	19 50	2 21	15 43	2 25	25 51	3 41	9 22	1 14	22 24	1 4	14 47	0 44	7 18	1 46	23 7	11 9	2 42	2 32	23 41	15 49	6 30
W26	23 24	27 32	4 58	20 4	2 13	16 2	2 24	25 56	3 43	9 25	1 14	22 24	1 4	14 48	0 44	7 18	1 46	23 8	11 9	2 46	2 33	23 38	15 49	6 30
T 27	23 22	28 27	4 59	20 19	2 5	16 21	2 23	26 1	3 45	9 28	1 14	22 24	1 4	14 48	0 44	7 18	1 46	23 9	11 10	2 51	2 34	23 36	15 48	6 30
F 28	23 19	27 15	4 38	20 34	1 57	16 40	2 22	26 6	3 47	9 31	1 14	22 24	1 4	14 49	0 45	7 18	1 46	23 9	11 10	2 55	2 35	23 34	15 47	6 29
S 29	23 16	24 2	3 59	20 50	1 48	16 58	2 21	26 11	3 49	9 33	1 14	22 24	1 4	14 49	0 45	7 18	1 46	23 10	11 10	2 59	2 37	23 32	15 47	6 29
S 30	23 12	19 12	3 3	21 5	1 40	17 16	2 19	26 15	3 51	9 36	1 14	22 24	1 4	14 50	0 45	7 18	1 46	23 10	11 11	3 2	2 38	23 30	15 46	6 29
M31	23s 8	13n17	1n55	21s20	1n31	17s33	2n18	26n20	3n52	9s38	1n15	22n24	1s 3	14n50	0n45	7n18	1s46	23n11	11n11	3s 4	2s39	23s28	15s45	6n29

Julian Day Number = 2345228.5, Delta T = 11.77 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'37, Lahiri = 19°47'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

JANUARY 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 46	10♑31'47	14♍24	18♐15	29♏24	15°R50	28♎11	27°R39	22°R10	22°R57	26°R28	22°R16	23♓17	2♒48	18♑41	T 1
W 2	6 45 43	11°32'57	28°22	19°27	0♐36	15♋26	28°19	27♊34	22♌ 8	22♈57	26♌27	22°D16	23°14	2°55	18°47	W 2
T 3	6 49 39	12°34'06	11♎56	20°41	1°47	15° 2	28°26	27°30	22° 7	22°D57	26°26	22°R16	23°10	3° 1	18°52	T 3
F 4	6 53 36	13°35'16	25° 8	21°56	2°59	14°38	28°33	27°25	22° 5	22°57	26°25	22♓16	23° 7	3° 8	18°58	F 4
S 5	6 57 32	14°36'26	8♏ 1	23°13	4°11	14°14	28°40	27°20	22° 3	22°57	26°24	22°13	23° 4	3°15	19° 3	S 5
S 6	7 1 29	15°37'36	20°39	24°32	5°23	13°50	28°47	27°16	22° 1	22°57	26°23	22° 8	23° 1	3°22	19° 9	S 6
M 7	7 5 25	16°38'46	3♐ 4	25°52	6°35	13°26	28°54	27°11	21°59	22°57	26°22	22° 0	22°58	3°28	19°14	M 7
T 8	7 9 22	17°39'56	15°19	27°13	7°47	13° 2	29° 1	27° 7	21°57	22°57	26°21	21°50	22°55	3°35	19°20	T 8
W 9	7 13 18	18°41'06	27°26	28°35	8°59	12°39	29° 7	27° 2	21°55	22°58	26°20	21°38	22°51	3°42	19°25	W 9
T 10	7 17 15	19°42'15	9♑27	29°58	10°11	12°16	29°13	26°58	21°53	22°58	26°19	21°25	22°48	3°48	19°31	T 10
F 11	7 21 12	20°43'24	21°22	1♑22	11°24	11°53	29°20	26°53	21°51	22°58	26°18	21°12	22°45	3°55	19°36	F 11
S 12	7 25 8	21°44'32	3♒14	2°47	12°36	11°30	29°26	26°49	21°49	22°58	26°16	21° 2	22°42	4° 2	19°42	S 12
S 13	7 29 5	22°45'40	15° 3	4°12	13°48	11° 8	29°31	26°45	21°46	22°59	26°15	20°53	22°39	4° 8	19°48	S 13
M14	7 33 1	23°46'47	26°52	5°39	15° 1	10°47	29°37	26°41	21°44	22°59	26°14	20°47	22°36	4°15	19°53	M14
T 15	7 36 58	24°47'54	8♓42	7° 6	16°13	10°26	29°43	26°37	21°42	22°59	26°13	20°44	22°32	4°22	19°59	T 15
W16	7 40 54	25°48'59	20°39	8°34	17°26	10° 5	29°48	26°33	21°40	23° 0	26°12	20°D43	22°29	4°28	20° 4	W16
T 17	7 44 51	26°50'04	2♈45	10° 3	18°39	9°45	29°53	26°29	21°37	23° 0	26°10	20°44	22°26	4°35	20°10	T 17
F 18	7 48 47	27°51'08	15° 5	11°32	19°51	9°25	29°58	26°25	21°35	23° 1	26° 9	20°45	22°23	4°42	20°15	F 18
S 19	7 52 44	28°52'10	27°44	13° 2	21° 4	9° 7	0♏ 3	26°21	21°33	23° 1	26° 8	20°R46	22°20	4°49	20°21	S 19
S 20	7 56 41	29°53'12	10♉48	14°32	22°17	8°48	0° 8	26°17	21°30	23° 2	26° 6	20°45	22°16	4°55	20°26	S 20
M21	8 0 37	0♒54'13	24°18	16° 4	23°30	8°31	0°13	26°14	21°28	23° 3	26° 5	20°42	22°13	5° 2	20°31	M21
T 22	8 4 34	1°55'12	8♊19	17°35	24°42	8°14	0°17	26°10	21°26	23° 3	26° 4	20°38	22°10	5° 9	20°37	T 22
W23	8 8 30	2°56'11	22°48	19° 8	25°55	7°58	0°21	26° 7	21°23	23° 4	26° 3	20°31	22° 7	5°15	20°42	W23
T 24	8 12 27	3°57'08	7♋42	20°41	27° 8	7°42	0°25	26° 3	21°21	23° 5	26° 1	20°24	22° 4	5°22	20°48	T 24
F 25	8 16 23	4°58'04	22°54	22°15	28°21	7°28	0°29	26° 0	21°18	23° 5	26° 0	20°17	22° 1	5°29	20°53	F 25
S 26	8 20 20	5°58'59	8♌14	23°50	29°34	7°14	0°33	25°57	21°16	23° 6	25°58	20°11	21°57	5°35	20°59	S 26
S 27	8 24 16	6°59'53	23°30	25°25	0♑47	7° 1	0°37	25°54	21°13	23° 7	25°57	20° 6	21°54	5°42	21° 4	S 27
M28	8 28 13	8° 0'46	8♍31	27° 1	2° 0	6°48	0°40	25°51	21°11	23° 8	25°56	20° 4	21°51	5°49	21° 9	M28
T 29	8 32 10	9° 1'39	23°11	28°37	3°14	6°37	0°43	25°48	21° 8	23° 9	25°54	20°D 3	21°48	5°55	21°15	T 29
W30	8 36 6	10° 2'30	7♎25	0♒14	4°27	6°26	0°46	25°45	21° 6	23°10	25°53	20° 4	21°45	6° 2	21°20	W30
T 31	8 40 3	11♒ 3'20	21♎11	1♒53	5♑40	6♋16	0♏49	25♊42	21♌ 3	23♈10	25♌51	20♓ 5	21♓42	6♒ 9	21♑25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 4	6n47	0n42	21s35	1n22	17s50	2n16	26n24	3n54	9s41	1n15	22n24	1s 3	14n51	0n45	7n18	1s46	23n12	11n11	3s 4	2s40	23s26	15s45	6n29
W 2	22 59	0 9	0s32	21 50	1 14	18 7	2 15	26 29	3 55	9 43	1 15	22 24	1 3	14 52	0 45	7 18	1 45	23 12	11 12	3 4	2 42	23 24	15 44	6 29
T 3	22 53	6s18	1 42	22 4	1 5	18 23	2 13	26 33	3 56	9 46	1 15	22 24	1 3	14 52	0 45	7 18	1 45	23 13	11 12	3 4	2 43	23 22	15 43	6 29
F 4	22 47	12 18	2 45	22 18	0 56	18 39	2 11	26 37	3 57	9 48	1 15	22 24	1 3	14 53	0 45	7 18	1 45	23 14	11 12	3 4	2 44	23 19	15 43	6 29
S 5	22 41	17 38	3 38	22 31	0 48	18 54	2 9	26 40	3 59	9 51	1 16	22 24	1 3	14 53	0 45	7 18	1 45	23 14	11 13	3 5	2 45	23 17	15 42	6 29
S 6	22 34	22 6	4 19	22 43	0 39	19 9	2 7	26 44	4 0	9 53	1 16	22 24	1 3	14 54	0 45	7 19	1 45	23 15	11 13	3 8	2 47	23 15	15 41	6 29
M 7	22 26	25 29	4 46	22 54	0 31	19 23	2 5	26 47	4 0	9 55	1 16	22 25	1 2	14 55	0 45	7 19	1 45	23 16	11 13	3 11	2 48	23 13	15 41	6 29
T 8	22 19	27 39	5 1	23 4	0 23	19 37	2 3	26 50	4 1	9 57	1 16	22 25	1 2	14 55	0 45	7 19	1 45	23 16	11 13	3 15	2 49	23 11	15 40	6 29
W 9	22 10	28 28	5 1	23 14	0 15	19 51	2 1	26 53	4 2	9 59	1 16	22 25	1 2	14 56	0 45	7 19	1 45	23 17	11 14	3 20	2 50	23 9	15 39	6 29
T 10	22 2	27 56	4 48	23 22	0 7	20 4	1 58	26 56	4 2	10 1	1 16	22 25	1 2	14 57	0 45	7 19	1 45	23 18	11 14	3 25	2 52	23 7	15 38	6 29
F 11	21 53	26 6	4 22	23 30	0s 1	20 16	1 56	26 59	4 3	10 3	1 17	22 25	1 2	14 57	0 45	7 19	1 45	23 18	11 14	3 29	2 53	23 4	15 37	6 29
S 12	21 43	23 7	3 45	23 36	0 9	20 28	1 54	27 1	4 3	10 5	1 17	22 25	1 2	14 58	0 45	7 19	1 45	23 19	11 15	3 34	2 54	23 2	15 37	6 29
S 13	21 33	19 12	2 59	23 41	0 17	20 39	1 51	27 3	4 3	10 7	1 17	22 25	1 2	14 59	0 45	7 20	1 45	23 20	11 15	3 37	2 55	23 0	15 36	6 29
M14	21 23	14 32	2 4	23 45	0 24	20 50	1 49	27 5	4 4	10 9	1 17	22 25	1 1	15 0	0 45	7 20	1 45	23 20	11 15	3 39	2 57	22 58	15 35	6 29
T 15	21 12	9 18	1 4	23 48	0 31	21 0	1 46	27 7	4 4	10 11	1 18	22 25	1 1	15 0	0 45	7 20	1 45	23 21	11 15	3 41	2 58	22 56	15 34	6 29
W16	21 1	3 43	0 0	23 50	0 38	21 10	1 44	27 9	4 4	10 13	1 18	22 25	1 1	15 1	0 45	7 20	1 45	23 22	11 16	3 41	2 59	22 53	15 33	6 29
T 17	20 50	2n 5	1n 4	23 51	0 45	21 19	1 41	27 10	4 3	10 14	1 18	22 25	1 1	15 2	0 45	7 20	1 45	23 22	11 16	3 41	3 0	22 51	15 33	6 29
F 18	20 38	7 54	2 7	23 50	0 51	21 27	1 38	27 11	4 3	10 16	1 18	22 25	1 1	15 3	0 45	7 21	1 45	23 23	11 16	3 40	3 2	22 49	15 32	6 29
S 19	20 25	13 34	3 6	23 48	0 58	21 35	1 36	27 12	4 3	10 17	1 18	22 25	1 1	15 3	0 45	7 21	1 44	23 24	11 16	3 40	3 3	22 47	15 31	6 30
S 20	20 13	18 50	3 56	23 44	1 4	21 43	1 33	27 13	4 2	10 19	1 19	22 25	1 0	15 4	0 45	7 21	1 44	23 24	11 17	3 40	3 4	22 45	15 30	6 30
M21	19 59	23 20	4 36	23 40	1 10	21 49	1 30	27 14	4 2	10 20	1 19	22 25	1 0	15 5	0 45	7 21	1 44	23 25	11 17	3 41	3 5	22 42	15 29	6 30
T 22	19 46	26 41	5 1	23 34	1 15	21 55	1 27	27 14	4 1	10 21	1 19	22 25	1 0	15 6	0 45	7 22	1 44	23 26	11 17	3 43	3 7	22 40	15 28	6 30
W23	19 32	28 24	5 8	23 26	1 21	22 1	1 24	27 15	4 1	10 23	1 19	22 25	1 0	15 7	0 45	7 22	1 44	23 26	11 17	3 46	3 8	22 38	15 27	6 30
T 24	19 18	28 9	4 54	23 18	1 26	22 6	1 21	27 15	4 0	10 24	1 19	22 26	1 0	15 7	0 45	7 22	1 44	23 27	11 17	3 49	3 9	22 36	15 26	6 30
F 25	19 3	25 48	4 20	23 8	1 31	22 10	1 18	27 15	3 59	10 25	1 20	22 26	1 0	15 8	0 45	7 23	1 44	23 28	11 18	3 51	3 10	22 33	15 25	6 30
S 26	18 48	21 34	3 27	22 56	1 35	22 13	1 15	27 15	3 58	10 26	1 20	22 26	0 59	15 9	0 45	7 23	1 44	23 28	11 18	3 54	3 12	22 31	15 24	6 30
S 27	18 33	15 54	2 19	22 43	1 39	22 16	1 12	27 15	3 58	10 27	1 20	22 26	0 59	15 10	0 45	7 23	1 44	23 29	11 18	3 56	3 13	22 29	15 24	6 31
M28	18 18	9 21	1 2	22 29	1 43	22 19	1 9	27 15	3 57	10 28	1 20	22 26	0 59	15 11	0 45	7 24	1 44	23 30	11 18	3 57	3 14	22 27	15 23	6 31
T 29	18 2	2 27	0s17	22 13	1 47	22 20	1 6	27 14	3 56	10 29	1 21	22 26	0 59	15 12	0 45	7 24	1 44	23 30	11 18	3 57	3 16	22 24	15 22	6 31
W30	17 46	4s22	1 33	21 56	1 50	22 21	1 3	27 14	3 55	10 30	1 21	22 26	0 59	15 12	0 45	7 24	1 44	23 31	11 19	3 56	3 17	22 22	15 21	6 31
T 31	17s29	10s46	2s41	21s37	1s54	22s22	1n 0	27n13	3n53	10s31	1n21	22n26	0s58	15n13	0n45	7n25	1s44	23n32	11n19	3s56	3s18	22s20	15s20	6n31

Julian Day Number = 2345259.5, Delta T = 11.75 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'41, Lahiri = 19°47'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

FEBRUARY 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 59	12♒ 4'10	4♏31	3♒31	6♉53	6°R 7	0♏52	25°R39	21°R 1	23♈11	25°R50	20♓ 7	21♓38	6♒15	21♉30	F 1
S 2	8 47 56	13° 4'58	17°27	5°11	8° 6	5♋58	0°54	25♊37	20♌58	23°12	25♌48	20°R 7	21°35	6°22	21°36	S 2
S 3	8 51 52	14° 5'46	0♐ 2	6°51	9°20	5°50	0°57	25°34	20°55	23°13	25°47	20° 5	21°32	6°29	21°41	S 3
M 4	8 55 49	15° 6'33	12°22	8°32	10°33	5°44	0°59	25°32	20°53	23°15	25°45	20° 2	21°29	6°36	21°46	M 4
T 5	8 59 45	16° 7'18	24°30	10°14	11°46	5°38	1° 1	25°30	20°50	23°16	25°44	19°58	21°26	6°42	21°51	T 5
W 6	9 3 42	17° 8'03	6♉29	11°57	13° 0	5°32	1° 2	25°28	20°47	23°17	25°43	19°52	21°22	6°49	21°56	W 6
T 7	9 7 39	18° 8'46	18°23	13°40	14°13	5°28	1° 4	25°26	20°45	23°18	25°41	19°46	21°19	6°56	22° 2	T 7
F 8	9 11 35	19° 9'29	0♒13	15°25	15°27	5°24	1° 5	25°24	20°42	23°19	25°40	19°40	21°16	7° 2	22° 7	F 8
S 9	9 15 32	20°10'09	12° 2	17°10	16°40	5°21	1° 6	25°22	20°40	23°20	25°38	19°35	21°13	7° 9	22°12	S 9
S 10	9 19 28	21°10'49	23°53	18°56	17°54	5°19	1° 7	25°20	20°37	23°22	25°37	19°31	21°10	7°16	22°17	S 10
M11	9 23 25	22°11'27	5♓46	20°43	19° 7	5°18	1° 8	25°19	20°34	23°23	25°35	19°29	21° 7	7°22	22°22	M11
T 12	9 27 21	23°12'03	17°43	22°30	20°20	5°D17	1° 9	25°17	20°32	23°24	25°34	19°D28	21° 3	7°29	22°27	T 12
W13	9 31 18	24°12'37	29°48	24°19	21°34	5°18	1° 9	25°16	20°29	23°25	25°32	19°28	21° 0	7°36	22°32	W13
T 14	9 35 14	25°13'10	12♈ 2	26° 8	22°48	5°19	1°10	25°14	20°26	23°27	25°31	19°29	20°57	7°42	22°36	T 14
F 15	9 39 11	26°13'41	24°28	27°58	24° 1	5°20	1°R10	25°13	20°24	23°28	25°29	19°31	20°54	7°49	22°41	F 15
S 16	9 43 8	27°14'11	7♉11	29°49	25°15	5°23	1° 9	25°12	20°21	23°30	25°28	19°33	20°51	7°56	22°46	S 16
S 17	9 47 4	28°14'38	20°13	1♓41	26°28	5°26	1° 9	25°11	20°19	23°31	25°26	19°34	20°48	8° 2	22°51	S 17
M18	9 51 1	29°15'04	3♊37	3°33	27°42	5°30	1° 9	25°10	20°16	23°33	25°25	19°R34	20°44	8° 9	22°56	M18
T 19	9 54 57	0♓15'28	17°26	5°26	28°55	5°34	1° 8	25°10	20°13	23°34	25°23	19°33	20°41	8°16	23° 0	T 19
W20	9 58 54	1°15'50	1♋39	7°19	0♒ 9	5°39	1° 7	25° 9	20°11	23°36	25°22	19°31	20°38	8°22	23° 5	W20
T 21	10 2 50	2°16'10	16°15	9°13	1°23	5°45	1° 6	25° 8	20° 8	23°37	25°20	19°29	20°35	8°29	23°10	T 21
F 22	10 6 47	3°16'27	1♌10	11° 6	2°36	5°52	1° 5	25° 8	20° 6	23°39	25°19	19°27	20°32	8°36	23°14	F 22
S 23	10 10 43	4°16'43	16°15	13° 0	3°50	5°59	1° 3	25° 8	20° 3	23°40	25°17	19°25	20°28	8°42	23°19	S 23
S 24	10 14 40	5°16'57	1♍23	14°54	5° 4	6° 7	1° 2	25° 8	20° 1	23°42	25°16	19°24	20°25	8°49	23°23	S 24
M25	10 18 37	6°17'09	16°24	16°47	6°17	6°15	1° 0	25°D 8	19°58	23°44	25°14	19°D23	20°22	8°56	23°28	M25
T 26	10 22 33	7°17'19	1♎10	18°39	7°31	6°24	0°58	25° 8	19°56	23°45	25°13	19°24	20°19	9° 3	23°32	T 26
W27	10 26 30	8°17'28	15°33	20°30	8°45	6°34	0°56	25° 8	19°53	23°47	25°11	19°24	20°16	9° 9	23°36	W27
T 28	10 30 26	9♓17'35	29♎30	22♓20	9♒58	6♋44	0♏53	25♊ 8	19♌51	23♈49	25♌10	19♓25	20♓13	9♒16	23♉41	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s12	16s28	3s38	21s17	1s56	22s21	0n57	27n12	3n52	10s31	1n21	22n26	0s58	15n14	0n45	7n25	1s44	23n32	11n19	3s55	3s19	22s17	15s19	6n31
S 2	16 55	21 15	4 22	20 55	1 59	22 20	0 54	27 11	3 51	10 32	1 21	22 26	0 58	15 15	0 45	7 26	1 44	23 33	11 19	3 55	3 21	22 15	15 18	6 32
S 3	16 38	24 57	4 53	20 32	2 1	22 19	0 51	27 11	3 50	10 33	1 22	22 26	0 58	15 16	0 45	7 26	1 44	23 34	11 19	3 56	3 22	22 13	15 17	6 32
M 4	16 20	27 25	5 9	20 8	2 2	22 16	0 47	27 10	3 49	10 33	1 22	22 27	0 58	15 17	0 45	7 27	1 44	23 34	11 19	3 57	3 23	22 10	15 16	6 32
T 5	16 2	28 32	5 10	19 41	2 4	22 13	0 44	27 9	3 47	10 34	1 22	22 27	0 58	15 17	0 45	7 27	1 44	23 35	11 19	3 59	3 24	22 8	15 15	6 32
W 6	15 44	28 17	4 58	19 14	2 4	22 10	0 41	27 7	3 46	10 34	1 22	22 27	0 57	15 18	0 45	7 27	1 43	23 36	11 20	4 1	3 26	22 6	15 14	6 32
T 7	15 25	26 44	4 34	18 45	2 5	22 5	0 38	27 6	3 45	10 34	1 23	22 27	0 57	15 19	0 45	7 28	1 43	23 36	11 20	4 4	3 27	22 3	15 13	6 33
F 8	15 6	24 0	3 57	18 14	2 5	22 1	0 35	27 5	3 43	10 35	1 23	22 27	0 57	15 20	0 45	7 28	1 43	23 37	11 20	4 6	3 28	22 1	15 12	6 33
S 9	14 47	20 16	3 11	17 42	2 5	21 55	0 32	27 4	3 42	10 35	1 23	22 27	0 57	15 21	0 45	7 29	1 43	23 37	11 20	4 8	3 29	21 59	15 11	6 33
S 10	14 28	15 43	2 16	17 8	2 4	21 49	0 28	27 2	3 40	10 35	1 23	22 27	0 57	15 22	0 45	7 29	1 43	23 38	11 20	4 9	3 31	21 56	15 10	6 33
M11	14 8	10 34	1 15	16 33	2 3	21 42	0 25	27 1	3 39	10 35	1 23	22 27	0 56	15 23	0 45	7 30	1 43	23 39	11 20	4 10	3 32	21 54	15 9	6 34
T 12	13 48	5 0	0 10	15 56	2 1	21 34	0 22	27 0	3 37	10 35	1 24	22 28	0 56	15 23	0 45	7 30	1 43	23 39	11 20	4 11	3 33	21 52	15 8	6 34
W13	13 28	0n47	0n57	15 18	1 58	21 26	0 19	26 58	3 36	10 35	1 24	22 28	0 56	15 24	0 45	7 31	1 43	23 40	11 20	4 11	3 34	21 49	15 7	6 34
T 14	13 8	6 37	2 1	14 38	1 56	21 17	0 16	26 57	3 34	10 35	1 24	22 28	0 56	15 25	0 45	7 32	1 43	23 41	11 20	4 10	3 36	21 47	15 6	6 34
F 15	12 48	12 18	3 1	13 57	1 52	21 8	0 13	26 55	3 33	10 35	1 24	22 28	0 56	15 26	0 45	7 32	1 43	23 41	11 20	4 9	3 37	21 45	15 5	6 35
S 16	12 27	17 36	3 54	13 15	1 48	20 58	0 10	26 53	3 31	10 34	1 25	22 28	0 55	15 27	0 45	7 33	1 43	23 42	11 21	4 9	3 38	21 42	15 4	6 35
S 17	12 6	22 15	4 35	12 31	1 44	20 47	0 7	26 52	3 30	10 34	1 25	22 28	0 55	15 28	0 45	7 33	1 43	23 42	11 21	4 8	3 39	21 40	15 2	6 35
M18	11 45	25 53	5 4	11 46	1 39	20 36	0 4	26 50	3 28	10 34	1 25	22 28	0 55	15 28	0 45	7 34	1 43	23 43	11 21	4 8	3 41	21 37	15 1	6 36
T 19	11 24	28 7	5 15	10 59	1 33	20 24	0 0	26 48	3 27	10 33	1 25	22 29	0 55	15 29	0 45	7 34	1 43	23 43	11 21	4 9	3 42	21 35	15 0	6 36
W20	11 3	28 37	5 9	10 11	1 27	20 12	0s 3	26 46	3 25	10 33	1 25	22 29	0 55	15 30	0 45	7 35	1 43	23 44	11 21	4 9	3 43	21 33	14 59	6 36
T 21	10 41	27 9	4 42	9 22	1 20	19 59	0 6	26 45	3 24	10 32	1 26	22 29	0 54	15 31	0 45	7 36	1 43	23 45	11 21	4 10	3 44	21 30	14 58	6 37
F 22	10 19	23 46	3 56	8 32	1 13	19 45	0 8	26 43	3 22	10 32	1 26	22 29	0 54	15 32	0 45	7 36	1 43	23 45	11 21	4 11	3 46	21 28	14 57	6 37
S 23	9 57	18 45	2 53	7 41	1 5	19 31	0 11	26 41	3 20	10 31	1 26	22 29	0 54	15 32	0 45	7 37	1 43	23 46	11 21	4 12	3 47	21 25	14 56	6 37
S 24	9 35	12 31	1 38	6 49	0 56	19 16	0 14	26 39	3 19	10 30	1 26	22 30	0 54	15 33	0 45	7 37	1 43	23 46	11 21	4 12	3 48	21 23	14 55	6 38
M25	9 13	5 38	0 17	5 57	0 47	19 1	0 17	26 37	3 17	10 29	1 27	22 30	0 54	15 34	0 45	7 38	1 43	23 47	11 21	4 12	3 49	21 21	14 54	6 38
T 26	8 51	1s27	1s 5	5 4	0 37	18 45	0 20	26 35	3 16	10 28	1 27	22 30	0 54	15 35	0 45	7 39	1 43	23 47	11 21	4 12	3 51	21 18	14 53	6 38
W27	8 28	8 17	2 20	4 11	0 26	18 28	0 23	26 33	3 14	10 27	1 27	22 30	0 53	15 36	0 45	7 39	1 43	23 48	11 21	4 12	3 52	21 16	14 52	6 39
T 28	8s 6	14s30	3s25	3s17	0s15	18s11	0s26	26n31	3n13	10s26	1n27	22n30	0s53	15n36	0n45	7n40	1s42	23n48	11n21	4s12	3s53	21s13	14s51	6n39

Julian Day Number = 2345290.5, Delta T = 11.73 sec
Ecliptic obliquity = 23°28'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'45, Lahiri = 19°47'46Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

MARCH 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 34 23	10♓17'41	13♏ 0	24♓ 7	11♒12	6♋55	0°R51	25♊ 9	19°R48	23♈50	25°R 8	19♓26	20♓ 9	9♒23	23♉45	F 1
S 2	10 38 19	11°17'44	26° 4	25°53	12°26	7° 6	0♏48	25° 9	19♌46	23°52	25♌ 7	19°27	20° 6	9°29	23°49	S 2
S 3	10 42 16	12°17'47	8♐46	27°36	13°40	7°18	0°45	25°10	19°44	23°54	25° 5	19°R27	20° 3	9°36	23°53	S 3
M 4	10 46 12	13°17'48	21° 8	29°15	14°53	7°30	0°42	25°10	19°41	23°56	25° 4	19°27	20° 0	9°43	23°57	M 4
T 5	10 50 9	14°17'47	3♑15	0♈51	16° 7	7°43	0°39	25°11	19°39	23°58	25° 3	19°27	19°57	9°49	24° 1	T 5
W 6	10 54 6	15°17'44	15°12	2°22	17°21	7°56	0°35	25°12	19°37	23°59	25° 1	19°26	19°53	9°56	24° 5	W 6
T 7	10 58 2	16°17'40	27° 3	3°48	18°35	8°10	0°32	25°13	19°34	24° 1	25° 0	19°26	19°50	10° 3	24° 9	T 7
F 8	11 1 59	17°17'34	8♒51	5° 9	19°48	8°25	0°28	25°14	19°32	24° 3	24°58	19°25	19°47	10° 9	24°13	F 8
S 9	11 5 55	18°17'26	20°41	6°24	21° 2	8°39	0°24	25°16	19°30	24° 5	24°57	19°25	19°44	10°16	24°17	S 9
S 10	11 9 52	19°17'16	2♓34	7°32	22°16	8°55	0°20	25°17	19°28	24° 7	24°56	19°D25	19°41	10°23	24°21	S 10
M11	11 13 48	20°17'04	14°35	8°34	23°30	9°10	0°15	25°19	19°26	24° 9	24°54	19°R25	19°38	10°29	24°24	M11
T 12	11 17 45	21°16'50	26°43	9°29	24°44	9°27	0°11	25°20	19°23	24°11	24°53	19°25	19°34	10°36	24°28	T 12
W13	11 21 41	22°16'35	9♈ 2	10°16	25°57	9°43	0° 6	25°22	19°21	24°13	24°52	19°25	19°31	10°43	24°32	W13
T 14	11 25 38	23°16'17	21°31	10°55	27°11	10° 0	0° 2	25°24	19°19	24°15	24°50	19°25	19°28	10°49	24°35	T 14
F 15	11 29 35	24°15'57	4♉14	11°26	28°25	10°18	29♎57	25°26	19°17	24°17	24°49	19°24	19°25	10°56	24°39	F 15
S 16	11 33 31	25°15'35	17°11	11°49	29°39	10°36	29°51	25°28	19°15	24°19	24°48	19°23	19°22	11° 3	24°42	S 16
S 17	11 37 28	26°15'11	0♊22	12° 4	0♓53	10°54	29°46	25°30	19°13	24°21	24°47	19°23	19°19	11° 9	24°46	S 17
M18	11 41 24	27°14'44	13°50	12°R11	2° 6	11°13	29°41	25°32	19°11	24°23	24°45	19°22	19°15	11°16	24°49	M18
T 19	11 45 21	28°14'15	27°35	12°10	3°20	11°32	29°35	25°35	19°10	24°25	24°44	19°D22	19°12	11°23	24°52	T 19
W20	11 49 17	29°13'44	11♋37	12° 1	4°34	11°51	29°30	25°37	19° 8	24°27	24°43	19°22	19° 9	11°29	24°55	W20
T 21	11 53 14	0♈13'10	25°55	11°45	5°48	12°11	29°24	25°40	19° 6	24°29	24°42	19°23	19° 6	11°36	24°58	T 21
F 22	11 57 10	1°12'34	10♌26	11°22	7° 2	12°31	29°18	25°42	19° 4	24°31	24°41	19°24	19° 3	11°43	25° 1	F 22
S 23	12 1 7	2°11'56	25° 7	10°52	8°15	12°52	29°12	25°45	19° 3	24°33	24°39	19°25	18°59	11°49	25° 4	S 23
S 24	12 5 4	3°11'15	9♍52	10°17	9°29	13°13	29° 6	25°48	19° 1	24°35	24°38	19°25	18°56	11°56	25° 7	S 24
M25	12 9 0	4°10'33	24°34	9°37	10°43	13°34	29° 0	25°51	18°59	24°38	24°37	19°R25	18°53	12° 3	25°10	M25
T 26	12 12 57	5° 9'48	9♎ 7	8°54	11°57	13°55	28°53	25°54	18°58	24°40	24°36	19°25	18°50	12° 9	25°13	T 26
W27	12 16 53	6° 9'01	23°25	8° 7	13°11	14°17	28°47	25°57	18°56	24°42	24°35	19°23	18°47	12°16	25°16	W27
T 28	12 20 50	7° 8'12	7♏22	7°18	14°24	14°39	28°40	26° 1	18°55	24°44	24°34	19°21	18°44	12°23	25°18	T 28
F 29	12 24 46	8° 7'21	20°56	6°29	15°38	15° 2	28°34	26° 4	18°53	24°46	24°33	19°18	18°40	12°29	25°21	F 29
S 30	12 28 43	9° 6'28	4♐ 6	5°39	16°52	15°24	28°27	26° 8	18°52	24°48	24°32	19°16	18°37	12°36	25°24	S 30
S 31	12 32 39	10♈ 5'34	16♐52	4♈51	18♓ 6	15♋47	28♎20	26♊11	18♌50	24♈51	24♌31	19♓13	18♓34	12♒43	25♉26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s43	19s49	4s15	2s24	0s 4	17s54	0s28	26n29	3n11	10s25	1n27	22n31	0s53	15n37	0n45	7n41	1s42	23n49	11n21	4s11	3s54	21s11	14s50	6n39
S 2	7 20	24 1	4 51	1 31	0n 8	17 36	0 31	26 27	3 10	10 24	1 28	22 31	0 53	15 38	0 45	7 41	1 42	23 49	11 21	4 11	3 56	21 8	14 49	6 40
S 3	6 58	26 56	5 12	0 38	0 21	17 17	0 34	26 25	3 8	10 23	1 28	22 31	0 53	15 39	0 45	7 42	1 42	23 50	11 21	4 11	3 57	21 6	14 48	6 40
M 4	6 35	28 27	5 17	0n13	0 34	16 58	0 36	26 22	3 7	10 22	1 28	22 31	0 52	15 39	0 45	7 43	1 42	23 50	11 21	4 11	3 58	21 3	14 47	6 40
T 5	6 11	28 34	5 8	1 3	0 47	16 39	0 39	26 20	3 5	10 20	1 28	22 31	0 52	15 40	0 45	7 44	1 42	23 51	11 21	4 11	3 59	21 1	14 45	6 41
W 6	5 48	27 21	4 46	1 52	1 0	16 19	0 41	26 18	3 4	10 19	1 28	22 32	0 52	15 41	0 45	7 44	1 42	23 51	11 21	4 11	4 1	20 58	14 44	6 41
T 7	5 25	24 54	4 12	2 39	1 14	15 58	0 44	26 15	3 2	10 18	1 28	22 32	0 52	15 41	0 45	7 45	1 42	23 52	11 21	4 11	4 2	20 56	14 43	6 42
F 8	5 2	21 24	3 27	3 23	1 27	15 38	0 46	26 13	3 1	10 16	1 29	22 32	0 52	15 42	0 45	7 46	1 42	23 52	11 21	4 12	4 3	20 54	14 42	6 42
S 9	4 38	17 2	2 33	4 5	1 41	15 16	0 48	26 11	2 59	10 15	1 29	22 32	0 51	15 43	0 45	7 46	1 42	23 52	11 21	4 12	4 4	20 51	14 41	6 42
S 10	4 15	12 0	1 32	4 44	1 54	14 55	0 51	26 8	2 58	10 13	1 29	22 33	0 51	15 43	0 45	7 47	1 42	23 53	11 21	4 12	4 6	20 49	14 40	6 43
M11	3 51	6 30	0 27	5 21	2 7	14 33	0 53	26 6	2 56	10 11	1 29	22 33	0 51	15 44	0 45	7 48	1 42	23 53	11 20	4 12	4 7	20 46	14 39	6 43
T 12	3 28	0 41	0n40	5 54	2 19	14 10	0 55	26 3	2 55	10 10	1 29	22 33	0 51	15 45	0 45	7 49	1 42	23 54	11 20	4 12	4 8	20 44	14 38	6 44
W13	3 4	5n13	1 47	6 23	2 31	13 47	0 57	26 0	2 53	10 8	1 29	22 33	0 51	15 45	0 45	7 49	1 42	23 54	11 20	4 12	4 9	20 41	14 37	6 44
T 14	2 41	11 1	2 49	6 49	2 42	13 24	0 59	25 58	2 52	10 6	1 30	22 34	0 50	15 46	0 45	7 50	1 42	23 54	11 20	4 12	4 11	20 39	14 36	6 45
F 15	2 17	16 28	3 44	7 10	2 52	13 0	1 1	25 55	2 51	10 4	1 30	22 34	0 50	15 47	0 45	7 51	1 42	23 55	11 20	4 12	4 12	20 36	14 35	6 45
S 16	1 53	21 17	4 29	7 28	3 1	12 36	1 3	25 52	2 49	10 2	1 30	22 34	0 50	15 47	0 45	7 52	1 42	23 55	11 20	4 12	4 13	20 33	14 34	6 46
S 17	1 30	25 9	5 0	7 41	3 9	12 12	1 5	25 49	2 48	10 0	1 30	22 34	0 50	15 48	0 45	7 52	1 42	23 56	11 20	4 13	4 14	20 31	14 33	6 46
M18	1 6	27 43	5 16	7 50	3 16	11 47	1 7	25 46	2 46	9 58	1 30	22 35	0 50	15 48	0 45	7 53	1 42	23 56	11 20	4 13	4 16	20 28	14 32	6 47
T 19	0 42	28 41	5 14	7 54	3 21	11 22	1 9	25 43	2 45	9 56	1 30	22 35	0 50	15 49	0 45	7 54	1 42	23 56	11 20	4 13	4 17	20 26	14 31	6 47
W20	0 18	27 51	4 54	7 54	3 25	10 57	1 10	25 40	2 44	9 54	1 30	22 35	0 49	15 50	0 45	7 55	1 42	23 56	11 20	4 13	4 18	20 23	14 30	6 47
T 21	0n 5	25 10	4 15	7 50	3 28	10 31	1 12	25 37	2 42	9 52	1 31	22 35	0 49	15 50	0 45	7 56	1 42	23 57	11 19	4 13	4 19	20 21	14 29	6 48
F 22	0 29	20 51	3 20	7 42	3 28	10 5	1 14	25 33	2 41	9 50	1 31	22 36	0 49	15 51	0 45	7 56	1 42	23 57	11 19	4 12	4 21	20 18	14 28	6 48
S 23	0 53	15 13	2 11	7 29	3 27	9 39	1 15	25 30	2 40	9 48	1 31	22 36	0 49	15 51	0 45	7 57	1 42	23 57	11 19	4 12	4 22	20 16	14 27	6 49
S 24	1 16	8 42	0 53	7 12	3 24	9 13	1 17	25 27	2 38	9 45	1 31	22 36	0 49	15 52	0 45	7 58	1 42	23 58	11 19	4 12	4 23	20 13	14 26	6 49
M25	1 40	1 44	0s28	6 52	3 20	8 46	1 18	25 23	2 37	9 43	1 31	22 36	0 48	15 52	0 45	7 59	1 42	23 58	11 19	4 12	4 24	20 11	14 25	6 50
T 26	2 3	5s15	1 47	6 29	3 13	8 19	1 19	25 20	2 36	9 41	1 31	22 37	0 48	15 53	0 45	8 0	1 42	23 58	11 19	4 12	4 26	20 8	14 24	6 50
W27	2 27	11 51	2 57	6 3	3 5	7 52	1 21	25 16	2 34	9 38	1 31	22 37	0 48	15 53	0 45	8 0	1 42	23 58	11 19	4 12	4 27	20 5	14 23	6 51
T 28	2 50	17 41	3 55	5 35	2 55	7 25	1 22	25 12	2 33	9 36	1 31	22 37	0 48	15 53	0 45	8 1	1 42	23 59	11 19	4 13	4 28	20 3	14 22	6 51
F 29	3 14	22 29	4 38	5 5	2 44	6 57	1 23	25 9	2 32	9 33	1 31	22 38	0 48	15 54	0 45	8 2	1 42	23 59	11 18	4 14	4 29	20 0	14 21	6 52
S 30	3 37	25 59	5 4	4 34	2 32	6 29	1 24	25 5	2 30	9 31	1 32	22 38	0 48	15 54	0 45	8 3	1 42	23 59	11 18	4 15	4 31	19 58	14 20	6 52
S 31	4n 0	28s 3	5s15	4n 3	2n18	6s 1	1s25	25n 1	2n29	9s28	1n32	22n38	0s47	15n55	0n45	8n 4	1s42	23n59	11n18	4s16	4s32	19s55	14s19	6n53

Julian Day Number = 2345318.5, Delta T = 11.72 sec
Ecliptic obliquity = 23°28'47, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'49, Lahiri = 19°47'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

APRIL 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 36 36	11♈ 4'38	29♐19	4°R 4	19♓19	16♋11	28°R13	26♊15	18°R49	24♈53	24°R30	19°R12	18♓31	12♒49	25♉28	M 1
T 2	12 40 33	12° 3'40	11♉29	3♈20	20°33	16°34	28♎ 6	26°19	18♌48	24°55	24♌29	19°D11	18°28	12°56	25°31	T 2
W 3	12 44 29	13° 2'40	23°27	2°39	21°47	16°58	27°59	26°22	18°47	24°57	24°28	19♓12	18°25	13° 3	25°33	W 3
T 4	12 48 26	14° 1'39	5♒18	2° 3	23° 1	17°22	27°51	26°26	18°45	25° 0	24°27	19°13	18°21	13° 9	25°35	T 4
F 5	12 52 22	15° 0'35	17° 7	1°31	24°15	17°46	27°44	26°30	18°44	25° 2	24°26	19°15	18°18	13°16	25°37	F 5
S 6	12 56 19	15°59'30	28°58	1° 3	25°28	18°11	27°37	26°35	18°43	25° 4	24°26	19°16	18°15	13°23	25°39	S 6
S 7	13 0 15	16°58'23	10♓56	0°41	26°42	18°36	27°29	26°39	18°42	25° 6	24°25	19°18	18°12	13°29	25°41	S 7
M 8	13 4 12	17°57'14	23° 3	0°23	27°56	19° 1	27°22	26°43	18°41	25° 9	24°24	19°R18	18° 9	13°36	25°43	M 8
T 9	13 8 8	18°56'03	5♈24	0°12	29°10	19°26	27°15	26°48	18°40	25°11	24°23	19°17	18° 5	13°43	25°45	T 9
W10	13 12 5	19°54'50	17°58	0° 5	0♈24	19°52	27° 7	26°52	18°39	25°13	24°23	19°14	18° 2	13°49	25°47	W10
T 11	13 16 1	20°53'35	0♉48	0°D 4	1°37	20°17	26°59	26°57	18°39	25°15	24°22	19°10	17°59	13°56	25°48	T 11
F 12	13 19 58	21°52'19	13°53	0° 8	2°51	20°43	26°52	27° 1	18°38	25°18	24°21	19° 5	17°56	14° 3	25°50	F 12
S 13	13 23 55	22°51'00	27°13	0°17	4° 5	21°10	26°44	27° 6	18°37	25°20	24°20	19° 0	17°53	14° 9	25°51	S 13
S 14	13 27 51	23°49'39	10♊45	0°31	5°19	21°36	26°37	27°11	18°36	25°22	24°20	18°54	17°50	14°16	25°53	S 14
M15	13 31 48	24°48'16	24°28	0°49	6°32	22° 3	26°29	27°16	18°36	25°24	24°19	18°50	17°46	14°23	25°54	M15
T 16	13 35 44	25°46'51	8♋22	1°13	7°46	22°29	26°21	27°21	18°35	25°27	24°19	18°47	17°43	14°30	25°55	T 16
W17	13 39 41	26°45'24	22°23	1°40	9° 0	22°56	26°13	27°26	18°35	25°29	24°18	18°D46	17°40	14°36	25°57	W17
T 18	13 43 37	27°43'54	6♌32	2°12	10°14	23°24	26° 6	27°31	18°34	25°31	24°18	18°46	17°37	14°43	25°58	T 18
F 19	13 47 34	28°42'22	20°45	2°48	11°27	23°51	25°58	27°36	18°34	25°33	24°17	18°47	17°34	14°50	25°59	F 19
S 20	13 51 31	29°40'48	5♍ 3	3°28	12°41	24°19	25°50	27°41	18°34	25°36	24°17	18°48	17°31	14°56	26° 0	S 20
S 21	13 55 27	0♉39'12	19°21	4°12	13°55	24°46	25°43	27°47	18°33	25°38	24°16	18°R49	17°27	15° 3	26° 1	S 21
M22	13 59 24	1°37'33	3♎36	4°59	15° 8	25°14	25°35	27°52	18°33	25°40	24°16	18°48	17°24	15°10	26° 2	M22
T 23	14 3 20	2°35'53	17°46	5°49	16°22	25°43	25°28	27°58	18°33	25°42	24°15	18°45	17°21	15°16	26° 2	T 23
W24	14 7 17	3°34'11	1♏44	6°43	17°36	26°11	25°20	28° 3	18°33	25°45	24°15	18°40	17°18	15°23	26° 3	W24
T 25	14 11 13	4°32'26	15°28	7°40	18°49	26°39	25°13	28° 9	18°33	25°47	24°15	18°34	17°15	15°30	26° 4	T 25
F 26	14 15 10	5°30'41	28°54	8°39	20° 3	27° 8	25° 5	28°14	18°D33	25°49	24°14	18°26	17°11	15°36	26° 4	F 26
S 27	14 19 6	6°28'53	12♐ 0	9°42	21°17	27°37	24°58	28°20	18°33	25°51	24°14	18°18	17° 8	15°43	26° 5	S 27
S 28	14 23 3	7°27'04	24°46	10°47	22°30	28° 6	24°50	28°26	18°33	25°54	24°14	18°10	17° 5	15°50	26° 5	S 28
M29	14 26 59	8°25'14	7♉12	11°56	23°44	28°35	24°43	28°32	18°33	25°56	24°14	18° 4	17° 2	15°56	26° 5	M29
T 30	14 30 56	9♉23'22	19♉23	13♈ 6	24♈58	29♋ 4	24♎36	28♊38	18♌33	25♈58	24♌13	18♓ 0	16♓59	16♒ 3	26♉ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n23	28s39	5s10	3n31	2n 4	5s33	1s26	24n57	2n28	9s26	1n32	22n38	0s47	15n55	0n45	8n 4	1s42	23n59	11n18	4s17	4s33	19s52	14s18	6n53
T 2	4 47	27 50	4 52	2 59	1 49	5 5	1 27	24 53	2 27	9 23	1 32	22 39	0 47	15 55	0 45	8 5	1 42	24 0	11 18	4 17	4 34	19 50	14 17	6 54
W 3	5 10	25 43	4 21	2 29	1 33	4 36	1 28	24 48	2 25	9 21	1 32	22 39	0 47	15 56	0 45	8 6	1 42	24 0	11 18	4 17	4 36	19 47	14 16	6 55
T 4	5 32	22 31	3 39	1 59	1 17	4 8	1 28	24 44	2 24	9 18	1 32	22 39	0 47	15 56	0 45	8 7	1 42	24 0	11 17	4 16	4 37	19 45	14 15	6 55
F 5	5 55	18 24	2 48	1 32	1 1	3 39	1 29	24 40	2 23	9 15	1 32	22 40	0 47	15 56	0 45	8 8	1 42	24 0	11 17	4 16	4 38	19 42	14 15	6 56
S 6	6 18	13 34	1 49	1 6	0 44	3 10	1 30	24 35	2 22	9 13	1 32	22 40	0 46	15 57	0 45	8 9	1 42	24 0	11 17	4 15	4 39	19 39	14 14	6 56
S 7	6 41	8 11	0 46	0 42	0 28	2 42	1 30	24 31	2 21	9 10	1 32	22 40	0 46	15 57	0 45	8 9	1 42	24 0	11 17	4 15	4 40	19 37	14 13	6 57
M 8	7 3	2 27	0n21	0 21	0 12	2 13	1 31	24 26	2 19	9 7	1 32	22 40	0 46	15 57	0 45	8 10	1 42	24 0	11 17	4 15	4 42	19 34	14 12	6 57
T 9	7 26	3n29	1 27	0 2	0s 3	1 43	1 31	24 21	2 18	9 5	1 32	22 41	0 46	15 58	0 44	8 11	1 42	24 0	11 16	4 15	4 43	19 31	14 11	6 58
W10	7 48	9 23	2 31	0s15	0 18	1 14	1 31	24 16	2 17	9 2	1 32	22 41	0 46	15 58	0 44	8 12	1 42	24 0	11 16	4 16	4 44	19 29	14 10	6 58
T 11	8 10	15 1	3 28	0 29	0 33	0 45	1 32	24 11	2 16	8 59	1 32	22 41	0 46	15 58	0 44	8 13	1 42	24 0	11 16	4 18	4 45	19 26	14 9	6 59
F 12	8 32	20 5	4 15	0 40	0 47	0 16	1 32	24 6	2 15	8 57	1 32	22 41	0 45	15 58	0 44	8 13	1 42	24 0	11 16	4 20	4 47	19 23	14 9	6 59
S 13	8 54	24 15	4 49	0 48	1 0	0n13	1 32	24 1	2 14	8 54	1 32	22 42	0 45	15 58	0 44	8 14	1 42	24 1	11 16	4 22	4 48	19 21	14 8	7 0
S 14	9 16	27 11	5 8	0 54	1 13	0 42	1 32	23 56	2 13	8 51	1 32	22 42	0 45	15 59	0 44	8 15	1 42	24 1	11 15	4 24	4 49	19 18	14 7	7 1
M15	9 37	28 31	5 10	0 58	1 25	1 12	1 32	23 50	2 11	8 48	1 32	22 42	0 45	15 59	0 44	8 16	1 42	24 1	11 15	4 26	4 50	19 15	14 6	7 1
T 16	9 59	28 6	4 53	0 59	1 36	1 41	1 32	23 45	2 10	8 46	1 32	22 42	0 45	15 59	0 44	8 17	1 42	24 1	11 15	4 27	4 52	19 13	14 5	7 2
W17	10 20	25 53	4 19	0 58	1 46	2 10	1 32	23 39	2 9	8 43	1 32	22 43	0 45	15 59	0 44	8 18	1 42	24 1	11 15	4 27	4 53	19 10	14 5	7 2
T 18	10 41	22 3	3 30	0 54	1 56	2 39	1 31	23 33	2 8	8 40	1 32	22 43	0 44	15 59	0 44	8 18	1 42	24 0	11 14	4 27	4 54	19 7	14 4	7 3
F 19	11 2	16 55	2 27	0 48	2 5	3 9	1 31	23 27	2 7	8 37	1 32	22 43	0 44	15 59	0 44	8 19	1 42	24 0	11 14	4 27	4 55	19 5	14 3	7 3
S 20	11 23	10 50	1 14	0 40	2 13	3 38	1 31	23 21	2 6	8 35	1 32	22 43	0 44	15 59	0 44	8 20	1 42	24 0	11 14	4 26	4 57	19 2	14 2	7 4
S 21	11 43	4 11	0s 3	0 29	2 21	4 7	1 30	23 15	2 5	8 32	1 32	22 44	0 44	15 59	0 44	8 21	1 42	24 0	11 14	4 26	4 58	18 59	14 2	7 4
M22	12 4	2s39	1 19	0 17	2 28	4 36	1 30	23 9	2 4	8 29	1 32	22 44	0 44	15 59	0 44	8 22	1 42	24 0	11 14	4 26	4 59	18 57	14 1	7 5
T 23	12 24	9 18	2 30	0 2	2 34	5 4	1 29	23 3	2 3	8 27	1 32	22 44	0 44	15 59	0 44	8 22	1 42	24 0	11 13	4 27	5 0	18 54	14 0	7 6
W24	12 44	15 24	3 31	0n14	2 39	5 33	1 29	22 57	2 2	8 24	1 31	22 44	0 43	15 59	0 44	8 23	1 42	24 0	11 13	4 29	5 2	18 51	14 0	7 6
T 25	13 3	20 37	4 18	0 32	2 44	6 2	1 28	22 50	2 1	8 21	1 31	22 45	0 43	15 59	0 44	8 24	1 42	24 0	11 13	4 32	5 3	18 48	13 59	7 7
F 26	13 23	24 40	4 50	0 52	2 48	6 30	1 27	22 43	2 0	8 19	1 31	22 45	0 43	15 59	0 44	8 25	1 42	24 0	11 13	4 35	5 4	18 46	13 58	7 7
S 27	13 42	27 19	5 6	1 13	2 51	6 59	1 26	22 37	1 59	8 16	1 31	22 45	0 43	15 59	0 44	8 26	1 42	24 0	11 12	4 38	5 5	18 43	13 58	7 8
S 28	14 1	28 28	5 5	1 36	2 54	7 27	1 25	22 30	1 58	8 13	1 31	22 45	0 43	15 59	0 44	8 26	1 42	24 0	11 12	4 41	5 7	18 40	13 57	7 8
M29	14 20	28 7	4 51	2 1	2 56	7 55	1 24	22 23	1 57	8 11	1 31	22 46	0 43	15 59	0 44	8 27	1 42	23 59	11 12	4 44	5 8	18 38	13 56	7 9
T 30	14n39	26s25	4s23	2n27	2s58	8n23	1s23	22n16	1n56	8s 8	1n31	22n46	0s43	15n59	0n44	8n28	1s42	23n59	11n12	4s45	5s 9	18s35	13s56	7n 9

Julian Day Number = 2345349.5, Delta T = 11.70 sec
Ecliptic obliquity = 23°28'47, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'53, Lahiri = 19°47'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

MAY 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 34 53	10♉21'28	1♒22	14♈19	26♈12	29♋33	24°R29	28♊44	18♎33	26♈ 0	24°R13	17°R58	16♓56	16♒10	26♑ 6	W 1
T 2	14 38 49	11°19'33	13°14	15°35	27°25	0♎ 3	24♏22	28°50	18°33	26° 2	24♎13	17°D57	16°52	16°16	26°R 6	T 2
F 3	14 42 46	12°17'37	25° 3	16°53	28°39	0°33	24°14	28°56	18°34	26° 5	24°13	17♓58	16°49	16°23	26° 6	F 3
S 4	14 46 42	13°15'39	6♓56	18°13	29°53	1° 2	24° 8	29° 2	18°34	26° 7	24°13	17°59	16°46	16°30	26° 6	S 4
S 5	14 50 39	14°13'40	18°56	19°36	1♉ 6	1°32	24° 1	29° 9	18°35	26° 9	24°13	17°R59	16°43	16°36	26° 5	S 5
M 6	14 54 35	15°11'39	1♈10	21° 1	2°20	2° 2	23°54	29°15	18°35	26°11	24°D13	17°58	16°40	16°43	26° 5	M 6
T 7	14 58 32	16° 9'37	13°40	22°28	3°34	2°33	23°47	29°21	18°36	26°13	24°13	17°55	16°36	16°49	26° 5	T 7
W 8	15 2 28	17° 7'34	26°28	23°57	4°47	3° 3	23°41	29°28	18°36	26°16	24°13	17°50	16°33	16°56	26° 5	W 8
T 9	15 6 25	18° 5'29	9♉37	25°28	6° 1	3°34	23°34	29°34	18°37	26°18	24°13	17°42	16°30	17° 3	26° 4	T 9
F 10	15 10 22	19° 3'23	23° 5	27° 2	7°15	4° 4	23°28	29°41	18°38	26°20	24°13	17°33	16°27	17° 9	26° 4	F 10
S 11	15 14 18	20° 1'15	6♊50	28°37	8°28	4°35	23°22	29°47	18°39	26°22	24°13	17°23	16°24	17°16	26° 3	S 11
S 12	15 18 15	20°59'06	20°49	0♉15	9°42	5° 6	23°15	29°54	18°39	26°24	24°13	17°13	16°21	17°23	26° 2	S 12
M13	15 22 11	21°56'55	4♋56	1°55	10°55	5°37	23° 9	0♋ 1	18°40	26°26	24°14	17° 4	16°17	17°29	26° 2	M13
T 14	15 26 8	22°54'43	19° 8	3°37	12° 9	6° 8	23° 4	0° 8	18°41	26°28	24°14	16°58	16°14	17°36	26° 1	T 14
W15	15 30 4	23°52'28	3♎21	5°21	13°23	6°39	22°58	0°14	18°42	26°30	24°14	16°54	16°11	17°43	26° 0	W15
T 16	15 34 1	24°50'12	17°33	7° 7	14°36	7°11	22°52	0°21	18°43	26°32	24°14	16°52	16° 8	17°49	25°59	T 16
F 17	15 37 58	25°47'55	1♍40	8°55	15°50	7°42	22°47	0°28	18°44	26°34	24°15	16°D52	16° 5	17°56	25°58	F 17
S 18	15 41 54	26°45'35	15°43	10°45	17° 4	8°14	22°41	0°35	18°45	26°36	24°15	16°R53	16° 2	18° 3	25°57	S 18
S 19	15 45 51	27°43'15	29°41	12°38	18°17	8°46	22°36	0°42	18°47	26°38	24°15	16°52	15°58	18° 9	25°55	S 19
M20	15 49 47	28°40'52	13♏32	14°32	19°31	9°17	22°31	0°49	18°48	26°40	24°16	16°50	15°55	18°16	25°54	M20
T 21	15 53 44	29°38'28	27°16	16°29	20°44	9°49	22°26	0°56	18°49	26°42	24°16	16°45	15°52	18°23	25°53	T 21
W22	15 57 40	0♊36'03	10♐50	18°27	21°58	10°21	22°21	1° 3	18°50	26°44	24°17	16°37	15°49	18°29	25°51	W22
T 23	16 1 37	1°33'36	24°12	20°28	23°12	10°53	22°17	1°10	18°52	26°46	24°17	16°27	15°46	18°36	25°50	T 23
F 24	16 5 33	2°31'09	7♑20	22°30	24°25	11°26	22°12	1°17	18°53	26°48	24°18	16°15	15°42	18°43	25°48	F 24
S 25	16 9 30	3°28'40	20°13	24°34	25°39	11°58	22° 8	1°25	18°55	26°50	24°18	16° 2	15°39	18°49	25°47	S 25
S 26	16 13 27	4°26'10	2♑51	26°40	26°53	12°30	22° 4	1°32	18°56	26°52	24°19	15°51	15°36	18°56	25°45	S 26
M27	16 17 23	5°23'39	15°12	28°47	28° 6	13° 3	22° 0	1°39	18°58	26°54	24°19	15°41	15°33	19° 3	25°43	M27
T 28	16 21 20	6°21'08	27°20	0♊56	29°20	13°36	21°56	1°47	19° 0	26°56	24°20	15°33	15°30	19° 9	25°42	T 28
W29	16 25 16	7°18'35	9♒17	3° 6	0♊33	14° 8	21°52	1°54	19° 1	26°58	24°21	15°28	15°27	19°16	25°40	W29
T 30	16 29 13	8°16'02	21° 8	5°17	1°47	14°41	21°49	2° 1	19° 3	26°59	24°21	15°25	15°23	19°23	25°38	T 30
F 31	16 33 9	9♊13'28	2♓57	7♊28	3♊ 1	15♎14	21♏46	2♋ 9	19♎ 5	27♈ 1	24♎22	15♓24	15♓20	19♒29	25♑36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n57	23s32	3s44	2n55	2s58	8n51	1s22	22n 9	1n55	8s 6	1n31	22n46	0s42	15n59	0n44	8n29	1s42	23n59	11n11	4s46	5s10	18s32	13s55	7n10
T 2	15 15	19 41	2 56	3 24	2 59	9 19	1 21	22 2	1 54	8 3	1 31	22 46	0 42	15 59	0 44	8 30	1 42	23 59	11 11	4 46	5 11	18 29	13 55	7 11
F 3	15 33	15 5	2 0	3 54	2 58	9 46	1 20	21 54	1 53	8 1	1 30	22 46	0 42	15 59	0 44	8 30	1 42	23 59	11 11	4 46	5 13	18 27	13 54	7 11
S 4	15 51	9 54	0 59	4 26	2 57	10 13	1 19	21 47	1 52	7 58	1 30	22 47	0 42	15 59	0 44	8 31	1 42	23 58	11 11	4 46	5 14	18 24	13 54	7 12
S 5	16 8	4 18	0n 5	4 59	2 55	10 40	1 18	21 39	1 51	7 56	1 30	22 47	0 42	15 58	0 44	8 32	1 42	23 58	11 10	4 45	5 15	18 21	13 53	7 12
M 6	16 25	1n32	1 10	5 32	2 53	11 7	1 16	21 31	1 50	7 54	1 30	22 47	0 42	15 58	0 44	8 33	1 42	23 58	11 10	4 46	5 16	18 18	13 53	7 13
T 7	16 42	7 26	2 13	6 7	2 50	11 33	1 15	21 23	1 49	7 51	1 30	22 47	0 42	15 58	0 44	8 33	1 42	23 58	11 10	4 47	5 18	18 16	13 52	7 13
W 8	16 59	13 11	3 11	6 43	2 47	11 59	1 13	21 15	1 48	7 49	1 30	22 47	0 41	15 58	0 43	8 34	1 42	23 58	11 10	4 49	5 19	18 13	13 52	7 14
T 9	17 15	18 30	4 0	7 20	2 43	12 25	1 12	21 7	1 47	7 47	1 30	22 47	0 41	15 58	0 43	8 35	1 42	23 57	11 9	4 52	5 20	18 10	13 51	7 14
F 10	17 31	23 2	4 37	7 58	2 38	12 51	1 10	20 59	1 46	7 45	1 29	22 48	0 41	15 57	0 43	8 36	1 42	23 57	11 9	4 56	5 21	18 7	13 51	7 15
S 11	17 47	26 23	4 58	8 37	2 33	13 16	1 9	20 51	1 45	7 42	1 29	22 48	0 41	15 57	0 43	8 36	1 42	23 57	11 9	5 0	5 23	18 4	13 50	7 16
S 12	18 2	28 12	5 3	9 17	2 27	13 41	1 7	20 43	1 44	7 40	1 29	22 48	0 41	15 57	0 43	8 37	1 42	23 56	11 9	5 4	5 24	18 2	13 50	7 16
M13	18 17	28 12	4 49	9 57	2 21	14 6	1 5	20 34	1 43	7 38	1 29	22 48	0 41	15 56	0 43	8 38	1 42	23 56	11 8	5 7	5 25	17 59	13 49	7 17
T 14	18 32	26 21	4 17	10 38	2 15	14 30	1 4	20 25	1 42	7 36	1 29	22 48	0 41	15 56	0 43	8 39	1 42	23 56	11 8	5 9	5 26	17 56	13 49	7 17
W15	18 46	22 50	3 30	11 19	2 8	14 54	1 2	20 17	1 41	7 34	1 28	22 48	0 41	15 56	0 43	8 39	1 42	23 55	11 8	5 11	5 28	17 53	13 49	7 18
T 16	19 1	17 58	2 29	12 1	2 0	15 17	1 0	20 8	1 41	7 33	1 28	22 48	0 40	15 55	0 43	8 40	1 42	23 55	11 8	5 11	5 29	17 50	13 48	7 18
F 17	19 14	12 8	1 20	12 43	1 52	15 41	0 58	19 59	1 40	7 31	1 28	22 48	0 40	15 55	0 43	8 41	1 42	23 55	11 7	5 12	5 30	17 48	13 48	7 19
S 18	19 28	5 44	0 6	13 26	1 44	16 3	0 56	19 50	1 39	7 29	1 28	22 48	0 40	15 55	0 43	8 42	1 42	23 54	11 7	5 11	5 31	17 45	13 48	7 19
S 19	19 41	0s54	1s 8	14 9	1 35	16 26	0 54	19 40	1 38	7 27	1 28	22 49	0 40	15 54	0 43	8 42	1 42	23 54	11 7	5 12	5 33	17 42	13 47	7 20
M20	19 54	7 27	2 16	14 52	1 26	16 48	0 53	19 31	1 37	7 25	1 27	22 49	0 40	15 54	0 43	8 43	1 42	23 54	11 6	5 13	5 34	17 39	13 47	7 20
T 21	20 6	13 34	3 17	15 35	1 16	17 9	0 51	19 22	1 36	7 24	1 27	22 49	0 40	15 53	0 43	8 44	1 42	23 53	11 6	5 15	5 35	17 36	13 47	7 21
W22	20 19	18 58	4 5	16 17	1 6	17 31	0 48	19 12	1 35	7 22	1 27	22 49	0 40	15 53	0 43	8 44	1 42	23 53	11 6	5 18	5 36	17 34	13 47	7 21
T 23	20 30	23 21	4 39	17 0	0 56	17 51	0 46	19 2	1 34	7 21	1 27	22 49	0 40	15 52	0 43	8 45	1 42	23 52	11 6	5 22	5 37	17 31	13 46	7 22
F 24	20 42	26 27	4 57	17 42	0 46	18 11	0 44	18 53	1 33	7 19	1 26	22 49	0 39	15 52	0 43	8 46	1 42	23 52	11 5	5 26	5 39	17 28	13 46	7 22
S 25	20 53	28 6	5 0	18 23	0 35	18 31	0 42	18 43	1 33	7 18	1 26	22 49	0 39	15 52	0 43	8 46	1 42	23 52	11 5	5 31	5 40	17 25	13 46	7 23
S 26	21 4	28 15	4 48	19 3	0 24	18 51	0 40	18 33	1 32	7 17	1 26	22 49	0 39	15 51	0 43	8 47	1 42	23 51	11 5	5 35	5 41	17 22	13 46	7 23
M27	21 14	26 57	4 23	19 42	0 14	19 9	0 38	18 23	1 31	7 15	1 26	22 49	0 39	15 50	0 43	8 48	1 42	23 51	11 5	5 39	5 42	17 19	13 46	7 24
T 28	21 24	24 25	3 45	20 20	0 3	19 28	0 36	18 13	1 30	7 14	1 26	22 49	0 39	15 50	0 43	8 48	1 42	23 50	11 4	5 42	5 44	17 17	13 46	7 24
W29	21 34	20 50	2 59	20 56	0n 8	19 45	0 33	18 2	1 29	7 13	1 25	22 49	0 39	15 49	0 43	8 49	1 42	23 50	11 4	5 44	5 45	17 14	13 45	7 25
T 30	21 43	16 27	2 5	21 31	0 18	20 3	0 31	17 52	1 28	7 12	1 25	22 49	0 39	15 49	0 43	8 49	1 42	23 49	11 4	5 45	5 46	17 11	13 45	7 25
F 31	21n52	11s27	1s 6	22n 4	0n28	20n19	0s29	17n41	1n27	7s11	1n25	22n49	0s39	15n48	0n43	8n50	1s43	23n49	11n 4	5s46	5s47	17s 8	13s45	7n26

Julian Day Number = 2345379.5, Delta T = 11.68 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°40'57, Lahiri = 19°47'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

JUNE 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 6	10♊10'53	14♓49	9♊40	4♊14	15♌47	21°R42	2♋16	19♌ 7	27♈ 3	24♌23	15°R24	15♓17	19♒36	25°R34	S 1
S 2	16 41 2	11° 8'17	26°50	11°52	5°28	16°20	21♎39	2°24	19° 8	27° 5	24°24	15♓24	15°14	19°43	25♑32	S 2
M 3	16 44 59	12° 5'41	9♈ 6	14° 4	6°42	16°53	21°37	2°31	19°10	27° 6	24°24	15°22	15°11	19°49	25°29	M 3
T 4	16 48 56	13° 3'04	21°40	16°16	7°55	17°26	21°34	2°39	19°12	27° 8	24°25	15°19	15° 8	19°56	25°27	T 4
W 5	16 52 52	14° 0'27	4♉37	18°27	9° 9	18° 0	21°31	2°46	19°14	27°10	24°26	15°12	15° 4	20° 3	25°25	W 5
T 6	16 56 49	14°57'49	17°58	20°37	10°23	18°33	21°29	2°54	19°16	27°11	24°27	15° 4	15° 1	20° 9	25°23	T 6
F 7	17 0 45	15°55'11	1♊43	22°46	11°36	19° 7	21°27	3° 1	19°18	27°13	24°28	14°53	14°58	20°16	25°20	F 7
S 8	17 4 42	16°52'32	15°50	24°53	12°50	19°40	21°25	3° 9	19°21	27°15	24°29	14°41	14°55	20°23	25°18	S 8
S 9	17 8 38	17°49'52	0♋13	26°59	14° 4	20°14	21°23	3°16	19°23	27°16	24°30	14°30	14°52	20°29	25°15	S 9
M10	17 12 35	18°47'12	14°46	29° 4	15°17	20°48	21°22	3°24	19°25	27°18	24°31	14°20	14°48	20°36	25°13	M10
T 11	17 16 31	19°44'30	29°23	1♋ 6	16°31	21°22	21°20	3°32	19°27	27°19	24°32	14°13	14°45	20°43	25°10	T 11
W12	17 20 28	20°41'48	13♌56	3° 7	17°45	21°56	21°19	3°40	19°30	27°21	24°33	14° 8	14°42	20°49	25° 7	W12
T 13	17 24 25	21°39'05	28°20	5° 5	18°58	22°30	21°18	3°47	19°32	27°23	24°34	14° 5	14°39	20°56	25° 5	T 13
F 14	17 28 21	22°36'21	12♍34	7° 2	20°12	23° 4	21°17	3°55	19°34	27°24	24°35	14°D 5	14°36	21° 3	25° 2	F 14
S 15	17 32 18	23°33'36	26°34	8°56	21°26	23°38	21°16	4° 3	19°37	27°25	24°36	14°R 5	14°33	21° 9	24°59	S 15
S 16	17 36 14	24°30'51	10♎22	10°48	22°39	24°12	21°16	4°10	19°39	27°27	24°37	14° 4	14°29	21°16	24°56	S 16
M17	17 40 11	25°28'04	23°58	12°38	23°53	24°47	21°16	4°18	19°42	27°28	24°38	14° 2	14°26	21°23	24°53	M17
T 18	17 44 7	26°25'18	7♏21	14°26	25° 7	25°21	21°D16	4°26	19°44	27°30	24°39	13°57	14°23	21°29	24°50	T 18
W19	17 48 4	27°22'30	20°33	16°11	26°20	25°55	21°16	4°34	19°47	27°31	24°40	13°49	14°20	21°36	24°47	W19
T 20	17 52 0	28°19'42	3♐33	17°54	27°34	26°30	21°16	4°41	19°49	27°32	24°42	13°39	14°17	21°43	24°44	T 20
F 21	17 55 57	29°16'54	16°21	19°35	28°48	27° 5	21°16	4°49	19°52	27°34	24°43	13°27	14°14	21°49	24°41	F 21
S 22	17 59 54	0♋14'05	28°57	21°13	0♋ 1	27°39	21°17	4°57	19°55	27°35	24°44	13°15	14°10	21°56	24°38	S 22
S 23	18 3 50	1°11'16	11♑21	22°49	1°15	28°14	21°18	5° 5	19°58	27°36	24°45	13° 3	14° 7	22° 3	24°35	S 23
M24	18 7 47	2° 8'27	23°33	24°23	2°29	28°49	21°18	5°13	20° 0	27°37	24°47	12°53	14° 4	22° 9	24°32	M24
T 25	18 11 43	3° 5'37	5♒34	25°54	3°42	29°24	21°20	5°21	20° 3	27°39	24°48	12°45	14° 1	22°16	24°28	T 25
W26	18 15 40	4° 2'48	17°28	27°23	4°56	29°59	21°21	5°28	20° 6	27°40	24°49	12°40	13°58	22°23	24°25	W26
T 27	18 19 36	4°59'58	29°16	28°50	6°10	0♍34	21°22	5°36	20° 9	27°41	24°51	12°37	13°54	22°29	24°22	T 27
F 28	18 23 33	5°57'09	11♓ 4	0♌14	7°24	1° 9	21°24	5°44	20°12	27°42	24°52	12°D36	13°51	22°36	24°19	F 28
S 29	18 27 30	6°54'20	22°55	1°36	8°37	1°44	21°26	5°52	20°15	27°43	24°54	12°36	13°48	22°42	24°15	S 29
S 30	18 31 26	7♋51'31	4♈56	2♌55	9♋51	2♍20	21♎28	6♋ 0	20♌18	27♈44	24♌55	12°R37	13♓45	22♒49	24♑12	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	6s 2	0s 3	22n34	0n38	20n35	0s27	17n31	1n27	7s10	1n25	22n49	0s39	15n48	0n43	8n51	1s43	23n48	11n 3	5s46	5s49	17s 5	13s45	7n26
S 2	22 9	0 20	1n 0	23 3	0 48	20 51	0 24	17 20	1 26	7 9	1 24	22 49	0 38	15 47	0 43	8 51	1 43	23 48	11 3	5 46	5 50	17 2	13 45	7 26
M 3	22 17	5n29	2 2	23 29	0 57	21 6	0 22	17 9	1 25	7 8	1 24	22 49	0 38	15 46	0 43	8 52	1 43	23 47	11 3	5 47	5 51	16 59	13 45	7 27
T 4	22 24	11 14	2 59	23 52	1 6	21 21	0 20	16 58	1 24	7 8	1 24	22 49	0 38	15 46	0 43	8 52	1 43	23 47	11 3	5 48	5 52	16 56	13 45	7 27
W 5	22 31	16 40	3 49	24 13	1 14	21 34	0 17	16 47	1 23	7 7	1 24	22 49	0 38	15 45	0 43	8 53	1 43	23 46	11 3	5 50	5 53	16 54	13 45	7 28
T 6	22 38	21 30	4 28	24 31	1 22	21 48	0 15	16 36	1 23	7 6	1 23	22 49	0 38	15 44	0 42	8 53	1 43	23 46	11 2	5 54	5 55	16 51	13 45	7 28
F 7	22 44	25 19	4 53	24 46	1 29	22 0	0 13	16 25	1 22	7 6	1 23	22 49	0 38	15 44	0 42	8 54	1 43	23 45	11 2	5 58	5 56	16 48	13 45	7 28
S 8	22 50	27 42	5 0	24 58	1 35	22 12	0 10	16 13	1 21	7 5	1 23	22 49	0 38	15 43	0 42	8 55	1 43	23 45	11 2	6 2	5 57	16 45	13 45	7 29
S 9	22 55	28 18	4 49	25 8	1 41	22 24	0 8	16 2	1 20	7 5	1 22	22 49	0 38	15 42	0 42	8 55	1 43	23 44	11 2	6 7	5 58	16 42	13 45	7 29
M10	23 0	26 58	4 20	25 14	1 46	22 34	0 5	15 50	1 19	7 4	1 22	22 49	0 38	15 42	0 42	8 56	1 43	23 44	11 1	6 11	6 0	16 39	13 45	7 30
T 11	23 5	23 47	3 33	25 18	1 50	22 45	0 3	15 39	1 18	7 4	1 22	22 48	0 38	15 41	0 42	8 56	1 43	23 43	11 1	6 13	6 1	16 36	13 45	7 30
W12	23 9	19 6	2 32	25 20	1 53	22 54	0 1	15 27	1 18	7 4	1 22	22 48	0 37	15 40	0 42	8 57	1 43	23 43	11 1	6 15	6 2	16 33	13 45	7 30
T 13	23 13	13 21	1 22	25 19	1 56	23 3	0n 2	15 15	1 17	7 4	1 21	22 48	0 37	15 39	0 42	8 57	1 43	23 42	11 1	6 16	6 3	16 30	13 46	7 31
F 14	23 16	6 59	0 8	25 15	1 58	23 11	0 4	15 3	1 16	7 4	1 21	22 48	0 37	15 39	0 42	8 58	1 43	23 42	11 1	6 16	6 4	16 27	13 46	7 31
S 15	23 19	0 22	1s 6	25 9	1 59	23 18	0 6	14 51	1 15	7 4	1 21	22 48	0 37	15 38	0 42	8 58	1 43	23 41	11 0	6 16	6 6	16 25	13 46	7 31
S 16	23 22	6s10	2 14	25 1	2 0	23 25	0 9	14 39	1 15	7 4	1 21	22 48	0 37	15 37	0 42	8 59	1 43	23 40	11 0	6 17	6 7	16 22	13 46	7 32
M17	23 24	12 19	3 14	24 51	1 59	23 31	0 11	14 27	1 14	7 4	1 20	22 48	0 37	15 36	0 42	8 59	1 43	23 40	11 0	6 18	6 8	16 19	13 46	7 32
T 18	23 26	17 48	4 3	24 39	1 58	23 37	0 13	14 14	1 13	7 4	1 20	22 47	0 37	15 35	0 42	8 59	1 43	23 39	11 0	6 20	6 9	16 16	13 46	7 32
W19	23 27	22 22	4 37	24 26	1 57	23 42	0 16	14 2	1 12	7 4	1 20	22 47	0 37	15 34	0 42	9 0	1 43	23 39	11 0	6 23	6 11	16 13	13 47	7 33
T 20	23 28	25 45	4 57	24 10	1 54	23 46	0 18	13 49	1 11	7 5	1 19	22 47	0 37	15 34	0 42	9 0	1 43	23 38	10 59	6 26	6 12	16 10	13 47	7 33
F 21	23 29	27 46	5 1	23 53	1 51	23 49	0 20	13 37	1 11	7 5	1 19	22 47	0 37	15 33	0 42	9 1	1 44	23 37	10 59	6 31	6 13	16 7	13 47	7 33
S 22	23 29	28 19	4 50	23 34	1 48	23 52	0 23	13 24	1 10	7 6	1 19	22 47	0 36	15 32	0 42	9 1	1 44	23 37	10 59	6 36	6 14	16 4	13 47	7 33
S 23	23 28	27 25	4 26	23 15	1 43	23 53	0 25	13 11	1 9	7 6	1 19	22 47	0 36	15 31	0 42	9 2	1 44	23 36	10 59	6 40	6 16	16 1	13 48	7 34
M24	23 28	25 12	3 50	22 54	1 38	23 55	0 27	12 58	1 8	7 7	1 18	22 46	0 36	15 30	0 42	9 2	1 44	23 35	10 59	6 44	6 17	15 58	13 48	7 34
T 25	23 27	21 52	3 3	22 31	1 33	23 55	0 30	12 45	1 8	7 7	1 18	22 46	0 36	15 29	0 42	9 2	1 44	23 35	10 58	6 47	6 18	15 55	13 48	7 34
W26	23 25	17 41	2 10	22 8	1 27	23 55	0 32	12 32	1 7	7 8	1 18	22 46	0 36	15 28	0 42	9 3	1 44	23 34	10 58	6 49	6 19	15 52	13 49	7 34
T 27	23 23	12 51	1 10	21 44	1 20	23 54	0 34	12 19	1 6	7 9	1 18	22 46	0 36	15 27	0 42	9 3	1 44	23 34	10 58	6 50	6 20	15 49	13 49	7 35
F 28	23 21	7 33	0 8	21 19	1 13	23 52	0 36	12 6	1 5	7 10	1 17	22 45	0 36	15 26	0 42	9 3	1 44	23 33	10 58	6 51	6 22	15 46	13 49	7 35
S 29	23 18	1 58	0n55	20 54	1 5	23 50	0 38	11 53	1 5	7 11	1 17	22 45	0 36	15 25	0 42	9 4	1 44	23 32	10 58	6 50	6 23	15 43	13 50	7 35
S 30	23n15	3n44	1n56	20n28	0n57	23n47	0n40	11n39	1n 4	7s12	1n17	22n45	0s36	15n24	0n42	9n 4	1s44	23n32	10n58	6s50	6s24	15s40	13s50	7n35

Julian Day Number = 2345410.5, Delta T = 11.67 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'02, Lahiri = 19°48'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

JULY 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 35 23	8♋48'42	17♈10	4♌12	11♋ 5	2♍55	21♎30	6♋ 7	20♌21	27♈45	24♌56	12°R36	13♓42	22♒56	24°R 9	M 1
T 2	18 39 19	9°45'54	29°44	5°26	12°19	3°30	21°32	6°15	20°24	27°46	24°58	12♓34	13°39	23° 2	24♉ 5	T 2
W 3	18 43 16	10°43'06	12♉42	6°38	13°32	4° 6	21°35	6°23	20°27	27°47	24°59	12°30	13°35	23° 9	24° 2	W 3
T 4	18 47 12	11°40'18	26° 7	7°47	14°46	4°41	21°37	6°31	20°30	27°48	25° 1	12°24	13°32	23°16	23°58	T 4
F 5	18 51 9	12°37'31	9♊59	8°53	16° 0	5°17	21°40	6°39	20°33	27°49	25° 2	12°16	13°29	23°22	23°55	F 5
S 6	18 55 5	13°34'44	24°17	9°56	17°14	5°53	21°43	6°46	20°36	27°50	25° 4	12° 7	13°26	23°29	23°51	S 6
S 7	18 59 2	14°31'57	8♋56	10°56	18°28	6°28	21°47	6°54	20°39	27°50	25° 6	11°59	13°23	23°36	23°48	S 7
M 8	19 2 59	15°29'11	23°49	11°54	19°42	7° 4	21°50	7° 2	20°42	27°51	25° 7	11°51	13°20	23°42	23°44	M 8
T 9	19 6 55	16°26'25	8♌47	12°48	20°55	7°40	21°53	7°10	20°46	27°52	25° 9	11°45	13°16	23°49	23°41	T 9
W10	19 10 52	17°23'39	23°41	13°38	22° 9	8°16	21°57	7°18	20°49	27°53	25°10	11°42	13°13	23°56	23°37	W10
T 11	19 14 48	18°20'53	8♍25	14°26	23°23	8°52	22° 1	7°25	20°52	27°53	25°12	11°D40	13°10	24° 2	23°34	T 11
F 12	19 18 45	19°18'07	22°53	15°10	24°37	9°28	22° 5	7°33	20°56	27°54	25°14	11°41	13° 7	24° 9	23°30	F 12
S 13	19 22 41	20°15'21	7♎ 1	15°50	25°51	10° 4	22° 9	7°41	20°59	27°55	25°15	11°42	13° 4	24°16	23°27	S 13
S 14	19 26 38	21°12'35	20°50	16°26	27° 5	10°41	22°13	7°48	21° 2	27°55	25°17	11°R42	13° 0	24°22	23°23	S 14
M15	19 30 34	22° 9'50	4♏21	16°59	28°18	11°17	22°18	7°56	21° 6	27°56	25°19	11°41	12°57	24°29	23°19	M15
T 16	19 34 31	23° 7'05	17°33	17°27	29°32	11°53	22°23	8° 4	21° 9	27°56	25°20	11°39	12°54	24°36	23°16	T 16
W17	19 38 28	24° 4'20	0♐30	17°51	0♌46	12°30	22°27	8°11	21°12	27°57	25°22	11°34	12°51	24°42	23°12	W17
T 18	19 42 24	25° 1'35	13°13	18°10	2° 0	13° 6	22°32	8°19	21°16	27°57	25°24	11°28	12°48	24°49	23° 9	T 18
F 19	19 46 21	25°58'51	25°44	18°25	3°14	13°43	22°38	8°27	21°19	27°58	25°26	11°20	12°45	24°56	23° 5	F 19
S 20	19 50 17	26°56'07	8♑ 4	18°35	4°28	14°19	22°43	8°34	21°23	27°58	25°27	11°12	12°41	25° 2	23° 2	S 20
S 21	19 54 14	27°53'24	20°13	18°40	5°42	14°56	22°48	8°42	21°26	27°59	25°29	11° 5	12°38	25° 9	22°58	S 21
M22	19 58 10	28°50'41	2♒15	18°R40	6°56	15°33	22°54	8°49	21°30	27°59	25°31	10°58	12°35	25°16	22°55	M22
T 23	20 2 7	29°47'59	14° 9	18°35	8° 9	16° 9	22°59	8°57	21°33	27°59	25°33	10°53	12°32	25°22	22°51	T 23
W24	20 6 3	0♌45'18	25°59	18°25	9°23	16°46	23° 5	9° 4	21°37	28° 0	25°35	10°50	12°29	25°29	22°47	W24
T 25	20 10 0	1°42'38	7♓46	18°11	10°37	17°23	23°11	9°12	21°40	28° 0	25°36	10°D49	12°26	25°35	22°44	T 25
F 26	20 13 57	2°39'59	19°34	17°51	11°51	18° 0	23°17	9°19	21°44	28° 0	25°38	10°49	12°22	25°42	22°40	F 26
S 27	20 17 53	3°37'20	1♈26	17°26	13° 5	18°37	23°24	9°26	21°48	28° 0	25°40	10°50	12°19	25°49	22°37	S 27
S 28	20 21 50	4°34'43	13°27	16°57	14°19	19°14	23°30	9°34	21°51	28° 0	25°42	10°52	12°16	25°55	22°34	S 28
M29	20 25 46	5°32'07	25°41	16°23	15°33	19°51	23°37	9°41	21°55	28° 1	25°44	10°53	12°13	26° 2	22°30	M29
T 30	20 29 43	6°29'32	8♉14	15°45	16°47	20°28	23°43	9°48	21°58	28° 1	25°46	10°R54	12°10	26° 9	22°27	T 30
W31	20 33 39	7♌26'58	21♉ 8	15♌ 5	18♌ 1	21♍ 6	23♎50	9♋56	22♌ 2	28♈ 1	25♌48	10♓53	12♓ 6	26♒15	22♑23	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n11	9n26	2n54	20n 1	0n48	23n43	0n43	11n26	1n 3	7s13	1n16	22n45	0s36	15n23	0n42	9n 4	1s44	23n31	10n57	6s50	6s25	15s37	13s50	7n35
T 2	23 7	14 54	3 44	19 34	0 39	23 39	0 45	11 12	1 2	7 14	1 16	22 44	0 36	15 22	0 42	9 5	1 44	23 30	10 57	6 51	6 27	15 34	13 51	7 36
W 3	23 3	19 53	4 25	19 7	0 29	23 34	0 47	10 59	1 2	7 15	1 16	22 44	0 36	15 21	0 42	9 5	1 44	23 30	10 57	6 53	6 28	15 31	13 51	7 36
T 4	22 58	24 3	4 53	18 40	0 19	23 28	0 49	10 45	1 1	7 16	1 16	22 44	0 35	15 20	0 42	9 5	1 44	23 29	10 57	6 55	6 29	15 28	13 52	7 36
F 5	22 53	27 0	5 5	18 12	0 8	23 21	0 51	10 31	1 0	7 18	1 15	22 43	0 35	15 19	0 42	9 5	1 44	23 28	10 57	6 58	6 30	15 25	13 52	7 36
S 6	22 47	28 19	4 58	17 45	0s 3	23 14	0 52	10 18	0 59	7 19	1 15	22 43	0 35	15 18	0 42	9 6	1 44	23 28	10 57	7 1	6 31	15 22	13 53	7 36
S 7	22 41	27 42	4 32	17 17	0 14	23 6	0 54	10 4	0 59	7 21	1 15	22 43	0 35	15 17	0 42	9 6	1 44	23 27	10 56	7 5	6 33	15 19	13 53	7 36
M 8	22 35	25 7	3 48	16 50	0 26	22 57	0 56	9 50	0 58	7 22	1 15	22 42	0 35	15 16	0 42	9 6	1 44	23 26	10 56	7 8	6 34	15 16	13 54	7 36
T 9	22 28	20 47	2 47	16 24	0 38	22 48	0 58	9 36	0 57	7 24	1 14	22 42	0 35	15 15	0 42	9 6	1 45	23 26	10 56	7 10	6 35	15 13	13 54	7 36
W10	22 21	15 8	1 35	15 57	0 50	22 38	1 0	9 21	0 56	7 25	1 14	22 42	0 35	15 14	0 42	9 7	1 45	23 25	10 56	7 11	6 36	15 10	13 55	7 37
T 11	22 13	8 42	0 18	15 31	1 3	22 28	1 1	9 7	0 56	7 27	1 14	22 41	0 35	15 13	0 42	9 7	1 45	23 24	10 56	7 12	6 38	15 7	13 55	7 37
F 12	22 5	1 55	1s 0	15 6	1 16	22 16	1 3	8 53	0 55	7 29	1 13	22 41	0 35	15 12	0 42	9 7	1 45	23 24	10 56	7 12	6 39	15 4	13 56	7 37
S 13	21 57	4s49	2 12	14 42	1 30	22 4	1 5	8 39	0 54	7 30	1 13	22 41	0 35	15 11	0 42	9 7	1 45	23 23	10 56	7 11	6 40	15 1	13 56	7 37
S 14	21 48	11 9	3 15	14 18	1 43	21 52	1 6	8 24	0 54	7 32	1 13	22 40	0 35	15 10	0 42	9 7	1 45	23 22	10 56	7 11	6 41	14 58	13 57	7 37
M15	21 39	16 50	4 5	13 55	1 57	21 39	1 8	8 10	0 53	7 34	1 13	22 40	0 35	15 9	0 42	9 7	1 45	23 21	10 56	7 11	6 42	14 55	13 57	7 37
T 16	21 30	21 36	4 41	13 34	2 10	21 25	1 9	7 55	0 52	7 36	1 12	22 40	0 35	15 8	0 42	9 8	1 45	23 21	10 55	7 12	6 44	14 52	13 58	7 37
W17	21 20	25 13	5 2	13 13	2 24	21 10	1 11	7 41	0 51	7 38	1 12	22 39	0 34	15 7	0 42	9 8	1 45	23 20	10 55	7 14	6 45	14 49	13 58	7 37
T 18	21 10	27 31	5 8	12 54	2 38	20 55	1 12	7 26	0 51	7 40	1 12	22 39	0 34	15 6	0 42	9 8	1 45	23 19	10 55	7 17	6 46	14 46	13 59	7 37
F 19	20 59	28 23	4 58	12 37	2 51	20 39	1 13	7 11	0 50	7 42	1 12	22 38	0 34	15 4	0 42	9 8	1 45	23 19	10 55	7 19	6 47	14 43	14 0	7 37
S 20	20 48	27 49	4 35	12 21	3 5	20 23	1 15	6 56	0 49	7 45	1 11	22 38	0 34	15 3	0 42	9 8	1 45	23 18	10 55	7 23	6 48	14 40	14 0	7 37
S 21	20 37	25 54	4 0	12 7	3 18	20 6	1 16	6 42	0 49	7 47	1 11	22 37	0 34	15 2	0 42	9 8	1 45	23 17	10 55	7 25	6 50	14 37	14 1	7 37
M22	20 26	22 50	3 14	11 54	3 31	19 49	1 17	6 27	0 48	7 49	1 11	22 37	0 34	15 1	0 42	9 8	1 45	23 17	10 55	7 28	6 51	14 34	14 1	7 37
T 23	20 14	18 50	2 20	11 44	3 44	19 31	1 18	6 12	0 47	7 52	1 11	22 37	0 34	15 0	0 41	9 8	1 45	23 16	10 55	7 30	6 52	14 31	14 2	7 36
W24	20 1	14 8	1 20	11 36	3 55	19 12	1 19	5 57	0 47	7 54	1 10	22 36	0 34	14 59	0 41	9 8	1 45	23 15	10 55	7 31	6 53	14 28	14 3	7 36
T 25	19 49	8 56	0 17	11 30	4 6	18 53	1 20	5 42	0 46	7 56	1 10	22 36	0 34	14 58	0 41	9 8	1 46	23 15	10 55	7 31	6 55	14 25	14 3	7 36
F 26	19 36	3 25	0n48	11 26	4 17	18 34	1 21	5 27	0 45	7 59	1 10	22 35	0 34	14 56	0 41	9 8	1 46	23 14	10 55	7 31	6 56	14 22	14 4	7 36
S 27	19 23	2n15	1 50	11 24	4 26	18 14	1 22	5 11	0 44	8 1	1 10	22 35	0 34	14 55	0 41	9 8	1 46	23 13	10 55	7 31	6 57	14 19	14 5	7 36
S 28	19 9	7 54	2 49	11 25	4 34	17 53	1 23	4 56	0 44	8 4	1 9	22 34	0 34	14 54	0 41	9 8	1 46	23 12	10 55	7 30	6 58	14 16	14 5	7 36
M29	18 55	13 22	3 41	11 29	4 41	17 32	1 24	4 41	0 43	8 7	1 9	22 34	0 34	14 53	0 41	9 8	1 46	23 12	10 55	7 30	6 59	14 13	14 6	7 36
T 30	18 41	18 26	4 24	11 34	4 47	17 10	1 24	4 26	0 42	8 9	1 9	22 33	0 34	14 52	0 41	9 8	1 46	23 11	10 54	7 30	7 1	14 10	14 7	7 36
W31	18n26	22n48	4n55	11n42	4s51	16n48	1n25	4n10	0n42	8s12	1n 9	22n33	0s34	14n50	0n41	9n 8	1s46	23n10	10n54	7s30	7s 2	14s 7	14s 7	7n36

Julian Day Number = 2345440.5, Delta T = 11.65 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'06, Lahiri = 19°48'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

AUGUST 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 36	8♌24'26	4♊29	14°R21	19♌15	21♍43	23♎57	10♋ 3	22♌ 6	28°R 1	25♌49	10°R51	12♓ 3	26♒22	22°R20	T 1
F 2	20 41 32	9°21'55	18°18	13♌35	20°29	22°20	24° 4	10°10	22° 9	28♈ 1	25°51	10♓47	12° 0	26°29	22♉17	F 2
S 3	20 45 29	10°19'25	2♋35	12°48	21°43	22°58	24°12	10°17	22°13	28° 1	25°53	10°43	11°57	26°35	22°13	S 3
S 4	20 49 26	11°16'56	17°16	12° 1	22°57	23°35	24°19	10°24	22°17	28° 1	25°55	10°39	11°54	26°42	22°10	S 4
M 5	20 53 22	12°14'29	2♌15	11°14	24°11	24°13	24°26	10°31	22°21	28° 0	25°57	10°35	11°51	26°49	22° 7	M 5
T 6	20 57 19	13°12'03	17°24	10°28	25°25	24°51	24°34	10°38	22°24	28° 0	25°59	10°33	11°47	26°55	22° 4	T 6
W 7	21 1 15	14° 9'38	2♍34	9°44	26°39	25°28	24°42	10°45	22°28	28° 0	26° 1	10°31	11°44	27° 2	22° 0	W 7
T 8	21 5 12	15° 7'14	17°34	9° 4	27°52	26° 6	24°50	10°52	22°32	28° 0	26° 3	10°D31	11°41	27° 9	21°57	T 8
F 9	21 9 8	16° 4'50	2♎18	8°27	29° 6	26°44	24°58	10°59	22°35	28° 0	26° 5	10°32	11°38	27°15	21°54	F 9
S 10	21 13 5	17° 2'28	16°41	7°55	0♍20	27°22	25° 6	11° 6	22°39	27°59	26° 7	10°33	11°35	27°22	21°51	S 10
S 11	21 17 1	18° 0'07	0♏39	7°28	1°34	28° 0	25°14	11°13	22°43	27°59	26° 9	10°35	11°32	27°29	21°48	S 11
M12	21 20 58	18°57'47	14°13	7° 8	2°48	28°38	25°22	11°20	22°47	27°59	26°11	10°R35	11°28	27°35	21°45	M12
T 13	21 24 55	19°55'28	27°24	6°53	4° 2	29°16	25°31	11°27	22°50	27°58	26°13	10°35	11°25	27°42	21°42	T 13
W14	21 28 51	20°53'10	10♐15	6°46	5°16	29°54	25°39	11°33	22°54	27°58	26°15	10°34	11°22	27°48	21°39	W14
T 15	21 32 48	21°50'53	22°48	6°D46	6°30	0♎32	25°48	11°40	22°58	27°58	26°17	10°32	11°19	27°55	21°36	T 15
F 16	21 36 44	22°48'37	5♑ 8	6°53	7°44	1°10	25°57	11°46	23° 2	27°57	26°19	10°30	11°16	28° 2	21°33	F 16
S 17	21 40 41	23°46'23	17°16	7° 8	8°58	1°49	26° 6	11°53	23° 5	27°57	26°21	10°27	11°12	28° 8	21°31	S 17
S 18	21 44 37	24°44'09	29°15	7°31	10°12	2°27	26°15	11°59	23° 9	27°56	26°23	10°25	11° 9	28°15	21°28	S 18
M19	21 48 34	25°41'57	11♒ 8	8° 1	11°26	3° 6	26°24	12° 6	23°13	27°56	26°25	10°23	11° 6	28°22	21°25	M19
T 20	21 52 30	26°39'47	22°58	8°39	12°40	3°44	26°33	12°12	23°17	27°55	26°26	10°22	11° 3	28°28	21°23	T 20
W21	21 56 27	27°37'38	4♓45	9°24	13°54	4°23	26°42	12°18	23°20	27°54	26°28	10°D21	11° 0	28°35	21°20	W21
T 22	22 0 24	28°35'30	16°34	10°17	15° 8	5° 1	26°52	12°25	23°24	27°54	26°30	10°21	10°57	28°42	21°18	T 22
F 23	22 4 20	29°33'24	28°26	11°17	16°22	5°40	27° 1	12°31	23°28	27°53	26°32	10°22	10°53	28°48	21°15	F 23
S 24	22 8 17	0♍31'20	10♈23	12°23	17°36	6°18	27°11	12°37	23°31	27°52	26°34	10°22	10°50	28°55	21°13	S 24
S 25	22 12 13	1°29'17	22°29	13°36	18°50	6°57	27°21	12°43	23°35	27°52	26°36	10°23	10°47	29° 2	21°10	S 25
M26	22 16 10	2°27'16	4♉47	14°54	20° 4	7°36	27°31	12°49	23°39	27°51	26°38	10°24	10°44	29° 8	21° 8	M26
T 27	22 20 6	3°25'17	17°21	16°19	21°18	8°15	27°41	12°55	23°43	27°50	26°40	10°25	10°41	29°15	21° 6	T 27
W28	22 24 3	4°23'21	0♊14	17°48	22°32	8°54	27°51	13° 1	23°46	27°49	26°42	10°R25	10°38	29°22	21° 4	W28
T 29	22 27 59	5°21'26	13°29	19°22	23°46	9°33	28° 1	13° 7	23°50	27°48	26°44	10°25	10°34	29°28	21° 1	T 29
F 30	22 31 56	6°19'33	27° 9	21° 0	25° 0	10°12	28°11	13°12	23°54	27°47	26°46	10°25	10°31	29°35	20°59	F 30
S 31	22 35 53	7♍17'42	11♋15	22♌42	26♍14	10♎51	28♎21	13♋18	23♌57	27♈46	26♌48	10♓24	10♓28	29♒42	20♑57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n12	26n10	5n11	11n52	4s53	16n26	1n25	3n55	0n41	8s15	1n 9	22n32	0s34	14n49	0n41	9n 8	1s46	23n10	10n54	7s31	7s 3	14s 4	14s 8	7n35
F 2	17 56	28 7	5 10	12 5	4 54	16 3	1 26	3 40	0 40	8 18	1 8	22 32	0 33	14 48	0 41	9 8	1 46	23 9	10 54	7 32	7 4	14 1	14 9	7 35
S 3	17 41	28 18	4 51	12 19	4 52	15 39	1 26	3 24	0 40	8 21	1 8	22 31	0 33	14 47	0 41	9 8	1 46	23 8	10 54	7 34	7 5	13 57	14 9	7 35
S 4	17 25	26 31	4 12	12 35	4 49	15 15	1 27	3 9	0 39	8 23	1 8	22 31	0 33	14 46	0 41	9 8	1 46	23 8	10 54	7 35	7 7	13 54	14 10	7 35
M 5	17 9	22 51	3 15	12 52	4 45	14 51	1 27	2 53	0 38	8 26	1 8	22 31	0 33	14 44	0 41	9 8	1 46	23 7	10 54	7 37	7 8	13 51	14 11	7 35
T 6	16 53	17 36	2 4	13 11	4 38	14 26	1 27	2 38	0 37	8 29	1 7	22 30	0 33	14 43	0 41	9 8	1 46	23 6	10 54	7 38	7 9	13 48	14 11	7 34
W 7	16 36	11 15	0 44	13 31	4 29	14 1	1 27	2 22	0 37	8 32	1 7	22 30	0 33	14 42	0 41	9 8	1 46	23 6	10 54	7 38	7 10	13 45	14 12	7 34
T 8	16 20	4 19	0s39	13 51	4 19	13 36	1 28	2 6	0 36	8 36	1 7	22 29	0 33	14 41	0 41	9 7	1 46	23 5	10 54	7 38	7 12	13 42	14 13	7 34
F 9	16 3	2s43	1 57	14 12	4 8	13 10	1 28	1 51	0 35	8 39	1 7	22 28	0 33	14 40	0 41	9 7	1 46	23 4	10 54	7 38	7 13	13 39	14 14	7 34
S 10	15 45	9 26	3 6	14 32	3 55	12 44	1 28	1 35	0 35	8 42	1 7	22 28	0 33	14 38	0 41	9 7	1 47	23 4	10 54	7 37	7 14	13 36	14 14	7 33
S 11	15 28	15 30	4 2	14 53	3 40	12 18	1 27	1 19	0 34	8 45	1 6	22 27	0 33	14 37	0 41	9 7	1 47	23 3	10 54	7 37	7 15	13 33	14 15	7 33
M12	15 10	20 38	4 43	15 13	3 25	11 51	1 27	1 3	0 33	8 48	1 6	22 27	0 33	14 36	0 41	9 7	1 47	23 2	10 54	7 36	7 16	13 30	14 16	7 33
T 13	14 52	24 36	5 7	15 32	3 9	11 24	1 27	0 48	0 33	8 52	1 6	22 26	0 33	14 35	0 41	9 7	1 47	23 2	10 54	7 37	7 18	13 26	14 17	7 33
W14	14 33	27 13	5 15	15 50	2 52	10 56	1 27	0 32	0 32	8 55	1 6	22 26	0 33	14 33	0 41	9 6	1 47	23 1	10 55	7 37	7 19	13 23	14 17	7 32
T 15	14 15	28 25	5 8	16 7	2 35	10 29	1 26	0 16	0 31	8 58	1 5	22 25	0 33	14 32	0 41	9 6	1 47	23 0	10 55	7 38	7 20	13 20	14 18	7 32
F 16	13 56	28 10	4 47	16 22	2 18	10 1	1 26	0 0	0 31	9 2	1 5	22 25	0 33	14 31	0 41	9 6	1 47	23 0	10 55	7 39	7 21	13 17	14 19	7 32
S 17	13 37	26 33	4 13	16 35	2 0	9 32	1 25	0s16	0 30	9 5	1 5	22 24	0 33	14 30	0 41	9 6	1 47	22 59	10 55	7 40	7 22	13 14	14 19	7 31
S 18	13 18	23 44	3 28	16 47	1 42	9 4	1 25	0 32	0 29	9 8	1 5	22 24	0 33	14 29	0 41	9 6	1 47	22 58	10 55	7 40	7 24	13 11	14 20	7 31
M19	12 58	19 56	2 35	16 56	1 25	8 35	1 24	0 48	0 29	9 12	1 5	22 23	0 33	14 27	0 41	9 5	1 47	22 58	10 55	7 41	7 25	13 8	14 21	7 31
T 20	12 39	15 23	1 35	17 3	1 7	8 6	1 23	1 4	0 28	9 15	1 4	22 23	0 32	14 26	0 41	9 5	1 47	22 57	10 55	7 42	7 26	13 5	14 22	7 30
W21	12 19	10 16	0 31	17 7	0 50	7 37	1 23	1 19	0 27	9 19	1 4	22 22	0 32	14 25	0 41	9 5	1 47	22 56	10 55	7 42	7 27	13 2	14 22	7 30
T 22	11 59	4 47	0n34	17 9	0 34	7 7	1 22	1 35	0 27	9 23	1 4	22 22	0 32	14 24	0 41	9 4	1 47	22 56	10 55	7 42	7 28	12 58	14 23	7 30
F 23	11 39	0n53	1 39	17 8	0 18	6 38	1 21	1 51	0 26	9 26	1 4	22 21	0 32	14 22	0 41	9 4	1 47	22 55	10 55	7 42	7 30	12 55	14 24	7 29
S 24	11 18	6 33	2 39	17 4	0 4	6 8	1 20	2 7	0 25	9 30	1 4	22 21	0 32	14 21	0 41	9 4	1 47	22 54	10 55	7 41	7 31	12 52	14 25	7 29
S 25	10 58	12 3	3 33	16 56	0n11	5 38	1 19	2 23	0 25	9 33	1 4	22 20	0 32	14 20	0 41	9 4	1 47	22 54	10 55	7 41	7 32	12 49	14 25	7 28
M26	10 37	17 11	4 18	16 46	0 24	5 8	1 18	2 39	0 24	9 37	1 3	22 20	0 32	14 19	0 41	9 3	1 47	22 53	10 55	7 41	7 33	12 46	14 26	7 28
T 27	10 16	21 42	4 52	16 33	0 36	4 38	1 17	2 55	0 23	9 41	1 3	22 19	0 32	14 18	0 41	9 3	1 47	22 53	10 55	7 41	7 35	12 43	14 27	7 28
W28	9 55	25 19	5 13	16 17	0 48	4 7	1 15	3 11	0 23	9 45	1 3	22 19	0 32	14 16	0 41	9 3	1 48	22 52	10 56	7 40	7 36	12 40	14 27	7 27
T 29	9 34	27 42	5 17	15 58	0 58	3 37	1 14	3 27	0 22	9 48	1 3	22 18	0 32	14 15	0 42	9 2	1 48	22 51	10 56	7 40	7 37	12 36	14 28	7 27
F 30	9 12	28 31	5 4	15 35	1 8	3 6	1 13	3 43	0 21	9 52	1 3	22 18	0 32	14 14	0 42	9 2	1 48	22 51	10 56	7 41	7 38	12 33	14 29	7 26
S 31	8n51	27n32	4n33	15n10	1n16	2n36	1n11	3s59	0n21	9s56	1n 2	22n17	0s32	14n13	0n42	9n 1	1s48	22n50	10n56	7s41	7s39	12s30	14s30	7n26

Julian Day Number = 2345471.5, Delta T = 11.63 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'10, Lahiri = 19°48'11Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

SEPTEMBER 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 49	8♍15'53	25♋45	24♌26	27♍27	11♎30	28♎32	13♋24	24♌ 1	27°R46	26♌50	10°R24	10♓25	29♒48	20°R55	S 1
M 2	22 43 46	9°14'06	10♌36	26°14	28°41	12°10	28°42	13°29	24° 5	27♈45	26°52	10♓24	10°22	29°55	20♉54	M 2
T 3	22 47 42	10°12'21	25°41	28° 3	29°55	12°49	28°53	13°35	24° 8	27°44	26°54	10°D24	10°18	0♓ 1	20°52	T 3
W 4	22 51 39	11°10'38	10♍51	29°54	1♎ 9	13°28	29° 3	13°40	24°12	27°43	26°56	10°R24	10°15	0° 8	20°50	W 4
T 5	22 55 35	12° 8'57	25°58	1♍47	2°23	14° 8	29°14	13°45	24°16	27°42	26°58	10°24	10°12	0°15	20°48	T 5
F 6	22 59 32	13° 7'17	10♎52	3°40	3°37	14°47	29°25	13°51	24°19	27°40	27° 0	10°24	10° 9	0°21	20°47	F 6
S 7	23 3 28	14° 5'39	25°26	5°34	4°51	15°27	29°36	13°56	24°23	27°39	27° 2	10°23	10° 6	0°28	20°45	S 7
S 8	23 7 25	15° 4'02	9♏36	7°28	6° 5	16° 7	29°47	14° 1	24°26	27°38	27° 4	10°23	10° 3	0°35	20°44	S 8
M 9	23 11 22	16° 2'28	23°18	9°23	7°19	16°46	29°58	14° 6	24°30	27°37	27° 5	10°22	9°59	0°41	20°42	M 9
T 10	23 15 18	17° 0'55	6♐35	11°17	8°33	17°26	0♏ 9	14°11	24°34	27°36	27° 7	10°22	9°56	0°48	20°41	T 10
W11	23 19 15	17°59'23	19°27	13°11	9°47	18° 6	0°20	14°16	24°37	27°35	27° 9	10°D22	9°53	0°55	20°40	W11
T 12	23 23 11	18°57'53	1♑58	15° 4	11° 0	18°46	0°31	14°21	24°41	27°34	27°11	10°22	9°50	1° 1	20°38	T 12
F 13	23 27 8	19°56'25	14°12	16°57	12°14	19°26	0°42	14°25	24°44	27°32	27°13	10°23	9°47	1° 8	20°37	F 13
S 14	23 31 4	20°54'59	26°14	18°49	13°28	20° 6	0°54	14°30	24°48	27°31	27°15	10°24	9°44	1°15	20°36	S 14
S 15	23 35 1	21°53'34	8♒ 7	20°41	14°42	20°46	1° 5	14°34	24°51	27°30	27°17	10°25	9°40	1°21	20°35	S 15
M16	23 38 57	22°52'11	19°56	22°31	15°56	21°26	1°17	14°39	24°54	27°28	27°18	10°26	9°37	1°28	20°34	M16
T 17	23 42 54	23°50'49	1♓43	24°21	17°10	22° 6	1°28	14°43	24°58	27°27	27°20	10°27	9°34	1°34	20°34	T 17
W18	23 46 51	24°49'30	13°33	26°10	18°23	22°46	1°40	14°47	25° 1	27°26	27°22	10°R27	9°31	1°41	20°33	W18
T 19	23 50 47	25°48'12	25°26	27°57	19°37	23°26	1°52	14°52	25° 5	27°24	27°24	10°26	9°28	1°48	20°32	T 19
F 20	23 54 44	26°46'57	7♈26	29°44	20°51	24° 7	2° 4	14°56	25° 8	27°23	27°26	10°25	9°24	1°54	20°31	F 20
S 21	23 58 40	27°45'43	19°34	1♎30	22° 5	24°47	2°15	15° 0	25°11	27°22	27°27	10°23	9°21	2° 1	20°31	S 21
S 22	0 2 37	28°44'32	1♉51	3°15	23°19	25°28	2°27	15° 4	25°14	27°20	27°29	10°20	9°18	2° 8	20°30	S 22
M23	0 6 33	29°43'23	14°21	4°59	24°32	26° 8	2°39	15° 7	25°18	27°19	27°31	10°17	9°15	2°14	20°30	M23
T 24	0 10 30	0♎42'16	27° 3	6°43	25°46	26°49	2°51	15°11	25°21	27°17	27°33	10°14	9°12	2°21	20°30	T 24
W25	0 14 26	1°41'11	10♊ 1	8°25	27° 0	27°29	3° 3	15°15	25°24	27°16	27°34	10°12	9° 9	2°28	20°29	W25
T 26	0 18 23	2°40'09	23°16	10° 6	28°14	28°10	3°16	15°18	25°27	27°14	27°36	10°11	9° 5	2°34	20°29	T 26
F 27	0 22 20	3°39'09	6♋50	11°47	29°27	28°51	3°28	15°22	25°31	27°13	27°38	10°D10	9° 2	2°41	20°29	F 27
S 28	0 26 16	4°38'12	20°44	13°26	0♏41	29°32	3°40	15°25	25°34	27°11	27°39	10°11	8°59	2°48	20°D29	S 28
S 29	0 30 13	5°37'16	4♌58	15° 5	1°55	0♏12	3°52	15°28	25°37	27°10	27°41	10°12	8°56	2°54	20°29	S 29
M30	0 34 9	6♎36'23	19♌30	16♎43	3♏ 8	0♏53	4♏ 5	15♋32	25♌40	27♈ 8	27♌43	10♓14	8♓53	3♓ 1	20♉29	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n29	24n41	3n44	14n42	1n23	2n 5	1n10	4s15	0n20	10s 0	1n 2	22n16	0s32	14n11	0n42	9n 1	1s48	22n50	10n56	7s41	7s41	12s27	14s30	7n26
M 2	8 7	20 9	2 38	14 12	1 30	1 34	1 8	4 31	0 19	10 4	1 2	22 16	0 32	14 10	0 42	9 1	1 48	22 49	10 56	7 41	7 42	12 24	14 31	7 25
T 3	7 45	14 15	1 21	13 39	1 35	1 3	1 7	4 47	0 19	10 8	1 2	22 15	0 32	14 9	0 42	9 0	1 48	22 49	10 56	7 41	7 43	12 21	14 32	7 25
W 4	7 23	7 28	0s 3	13 5	1 39	0 32	1 5	5 3	0 18	10 12	1 2	22 15	0 32	14 8	0 42	9 0	1 48	22 48	10 56	7 41	7 44	12 17	14 32	7 24
T 5	7 1	0 18	1 25	12 28	1 43	0 1	1 3	5 19	0 17	10 16	1 2	22 14	0 32	14 7	0 42	8 59	1 48	22 48	10 57	7 41	7 45	12 14	14 33	7 24
F 6	6 39	6s47	2 41	11 49	1 46	0s30	1 2	5 35	0 17	10 19	1 1	22 14	0 32	14 5	0 42	8 59	1 48	22 47	10 57	7 41	7 47	12 11	14 34	7 23
S 7	6 16	13 21	3 45	11 9	1 47	1 1	1 0	5 51	0 16	10 23	1 1	22 13	0 32	14 4	0 42	8 59	1 48	22 46	10 57	7 41	7 48	12 8	14 35	7 23
S 8	5 54	19 1	4 33	10 27	1 48	1 32	0 58	6 7	0 15	10 27	1 1	22 13	0 32	14 3	0 42	8 58	1 48	22 46	10 57	7 41	7 49	12 5	14 35	7 22
M 9	5 31	23 31	5 4	9 44	1 48	2 3	0 56	6 22	0 15	10 32	1 1	22 13	0 32	14 2	0 42	8 58	1 48	22 45	10 57	7 41	7 50	12 2	14 36	7 22
T 10	5 8	26 39	5 17	9 1	1 48	2 34	0 54	6 38	0 14	10 36	1 1	22 12	0 32	14 1	0 42	8 57	1 48	22 45	10 57	7 42	7 51	11 58	14 37	7 21
W11	4 45	28 16	5 14	8 16	1 47	3 5	0 52	6 54	0 13	10 40	1 1	22 12	0 31	14 0	0 42	8 57	1 48	22 44	10 58	7 42	7 53	11 55	14 37	7 21
T 12	4 22	28 23	4 55	7 30	1 45	3 36	0 50	7 10	0 13	10 44	1 1	22 11	0 31	13 58	0 42	8 56	1 48	22 44	10 58	7 42	7 54	11 52	14 38	7 20
F 13	3 59	27 6	4 24	6 44	1 43	4 7	0 48	7 26	0 12	10 48	1 0	22 11	0 31	13 57	0 42	8 56	1 48	22 43	10 58	7 41	7 55	11 49	14 39	7 20
S 14	3 36	24 34	3 42	5 58	1 40	4 38	0 46	7 41	0 12	10 52	1 0	22 10	0 31	13 56	0 42	8 55	1 48	22 43	10 58	7 41	7 56	11 46	14 39	7 19
S 15	3 13	21 0	2 50	5 11	1 37	5 8	0 43	7 57	0 11	10 56	1 0	22 10	0 31	13 55	0 42	8 55	1 48	22 42	10 58	7 41	7 57	11 43	14 40	7 19
M16	2 50	16 37	1 51	4 24	1 33	5 39	0 41	8 13	0 10	11 0	1 0	22 9	0 31	13 54	0 42	8 54	1 48	22 42	10 59	7 40	7 59	11 39	14 40	7 18
T 17	2 27	11 38	0 48	3 37	1 29	6 9	0 39	8 28	0 10	11 4	1 0	22 9	0 31	13 53	0 42	8 54	1 48	22 42	10 59	7 40	8 0	11 36	14 41	7 18
W18	2 4	6 13	0n17	2 49	1 24	6 40	0 36	8 44	0 9	11 8	1 0	22 8	0 31	13 52	0 42	8 53	1 48	22 41	10 59	7 40	8 1	11 33	14 42	7 17
T 19	1 40	0 34	1 22	2 2	1 20	7 10	0 34	8 59	0 8	11 13	1 0	22 8	0 31	13 51	0 42	8 53	1 48	22 41	10 59	7 40	8 2	11 30	14 42	7 17
F 20	1 17	5n 9	2 24	1 15	1 14	7 40	0 32	9 15	0 8	11 17	0 59	22 8	0 31	13 49	0 42	8 52	1 49	22 40	10 59	7 41	8 3	11 27	14 43	7 16
S 21	0 53	10 45	3 20	0 27	1 9	8 10	0 29	9 30	0 7	11 21	0 59	22 7	0 31	13 48	0 42	8 52	1 49	22 40	11 0	7 41	8 5	11 23	14 44	7 16
S 22	0 30	16 0	4 7	0s20	1 3	8 40	0 27	9 46	0 6	11 25	0 59	22 7	0 31	13 47	0 42	8 51	1 49	22 39	11 0	7 42	8 6	11 20	14 44	7 15
M23	0 7	20 41	4 44	1 6	0 58	9 9	0 24	10 1	0 6	11 29	0 59	22 6	0 31	13 46	0 42	8 51	1 49	22 39	11 0	7 44	8 7	11 17	14 45	7 15
T 24	0s17	24 30	5 7	1 53	0 51	9 39	0 21	10 16	0 5	11 34	0 59	22 6	0 31	13 45	0 42	8 50	1 49	22 39	11 0	7 45	8 8	11 14	14 45	7 14
W25	0 40	27 11	5 15	2 39	0 45	10 8	0 19	10 32	0 4	11 38	0 59	22 6	0 31	13 44	0 42	8 50	1 49	22 38	11 1	7 45	8 9	11 11	14 46	7 14
T 26	1 4	28 25	5 7	3 25	0 39	10 37	0 16	10 47	0 4	11 42	0 59	22 5	0 31	13 43	0 42	8 49	1 49	22 38	11 1	7 46	8 11	11 7	14 46	7 13
F 27	1 27	28 0	4 42	4 10	0 32	11 5	0 13	11 2	0 3	11 46	0 59	22 5	0 31	13 42	0 42	8 48	1 49	22 38	11 1	7 46	8 12	11 4	14 47	7 13
S 28	1 51	25 49	4 0	4 55	0 26	11 34	0 11	11 17	0 3	11 51	0 58	22 5	0 31	13 41	0 42	8 48	1 49	22 37	11 1	7 46	8 13	11 1	14 47	7 12
S 29	2 14	22 0	3 2	5 40	0 19	12 2	0 8	11 32	0 2	11 55	0 58	22 4	0 31	13 40	0 42	8 47	1 49	22 37	11 2	7 45	8 14	10 58	14 48	7 12
M30	2s38	16n46	1n52	6s24	0n12	12s30	0n 5	11s47	0n 1	11s59	0n58	22n 4	0s31	13n39	0n42	8n47	1s49	22n36	11n 2	7s45	8s15	10s54	14s49	7n11

Julian Day Number = 2345502.5, Delta T = 11.62 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'14, Lahiri = 19°48'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

OCTOBER 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 6	7♎35'33	4♍16	18♎20	4♏22	1♏34	4♏17	15♋35	25♌43	27°R 7	27♌44	10°R15	8♓49	3♓ 8	20♉30	T 1
W 2	0 42 2	8°34'44	19°12	19°56	5°36	2°16	4°29	15°38	25°46	27♈ 5	27°46	10♓15	8°46	3°14	20°30	W 2
T 3	0 45 59	9°33'58	4♎ 9	21°32	6°49	2°57	4°42	15°41	25°49	27° 4	27°47	10°13	8°43	3°21	20°30	T 3
F 4	0 49 55	10°33'14	18°59	23° 6	8° 3	3°38	4°54	15°43	25°52	27° 2	27°49	10°10	8°40	3°27	20°31	F 4
S 5	0 53 52	11°32'31	3♏35	24°40	9°17	4°19	5° 7	15°46	25°55	27° 0	27°50	10° 6	8°37	3°34	20°31	S 5
S 6	0 57 49	12°31'51	17°49	26°14	10°30	5° 0	5°19	15°48	25°58	26°59	27°52	10° 1	8°34	3°41	20°32	S 6
M 7	1 1 45	13°31'13	1♐38	27°46	11°44	5°42	5°32	15°51	26° 0	26°57	27°53	9°56	8°30	3°47	20°32	M 7
T 8	1 5 42	14°30'37	15° 0	29°18	12°58	6°23	5°45	15°53	26° 3	26°56	27°55	9°51	8°27	3°54	20°33	T 8
W 9	1 9 38	15°30'02	27°57	0♑49	14°11	7° 5	5°57	15°55	26° 6	26°54	27°56	9°48	8°24	4° 1	20°34	W 9
T 10	1 13 35	16°29'29	10♑30	2°19	15°25	7°46	6°10	15°58	26° 9	26°52	27°58	9°47	8°21	4° 7	20°35	T 10
F 11	1 17 31	17°28'58	22°44	3°49	16°38	8°28	6°23	16° 0	26°11	26°51	27°59	9°D47	8°18	4°14	20°36	F 11
S 12	1 21 28	18°28'29	4♒44	5°18	17°52	9°10	6°36	16° 2	26°14	26°49	28° 1	9°48	8°15	4°21	20°37	S 12
S 13	1 25 24	19°28'01	16°36	6°46	19° 5	9°51	6°49	16° 3	26°17	26°47	28° 2	9°50	8°11	4°27	20°38	S 13
M14	1 29 21	20°27'36	28°23	8°13	20°19	10°33	7° 2	16° 5	26°19	26°46	28° 3	9°51	8° 8	4°34	20°39	M14
T 15	1 33 18	21°27'12	10♓11	9°40	21°32	11°15	7°14	16° 7	26°22	26°44	28° 5	9°R52	8° 5	4°41	20°41	T 15
W16	1 37 14	22°26'49	22° 4	11° 6	22°46	11°57	7°27	16° 8	26°24	26°42	28° 6	9°51	8° 2	4°47	20°42	W16
T 17	1 41 11	23°26'29	4♈ 5	12°31	23°59	12°39	7°40	16°10	26°27	26°41	28° 7	9°48	7°59	4°54	20°43	T 17
F 18	1 45 7	24°26'11	16°15	13°56	25°13	13°21	7°53	16°11	26°29	26°39	28° 9	9°43	7°55	5° 0	20°45	F 18
S 19	1 49 4	25°25'54	28°38	15°19	26°26	14° 3	8° 6	16°12	26°31	26°37	28°10	9°36	7°52	5° 7	20°46	S 19
S 20	1 53 0	26°25'40	11♉13	16°42	27°40	14°45	8°19	16°13	26°34	26°35	28°11	9°28	7°49	5°14	20°48	S 20
M21	1 56 57	27°25'28	24° 1	18° 3	28°53	15°27	8°32	16°14	26°36	26°34	28°12	9°19	7°46	5°20	20°50	M21
T 22	2 0 53	28°25'18	7♊ 2	19°24	0♐ 6	16°10	8°45	16°15	26°38	26°32	28°13	9°11	7°43	5°27	20°51	T 22
W23	2 4 50	29°25'10	20°15	20°44	1°20	16°52	8°59	16°15	26°40	26°30	28°14	9° 3	7°40	5°34	20°53	W23
T 24	2 8 46	0♏25'04	3♋40	22° 2	2°33	17°34	9°12	16°16	26°43	26°29	28°16	8°58	7°36	5°40	20°55	T 24
F 25	2 12 43	1°25'01	17°17	23°19	3°46	18°17	9°25	16°17	26°45	26°27	28°17	8°55	7°33	5°47	20°57	F 25
S 26	2 16 40	2°25'00	1♌ 6	24°35	5° 0	18°59	9°38	16°17	26°47	26°25	28°18	8°D54	7°30	5°54	20°59	S 26
S 27	2 20 36	3°25'00	15° 7	25°50	6°13	19°42	9°51	16°17	26°49	26°24	28°19	8°54	7°27	6° 0	21° 1	S 27
M28	2 24 33	4°25'03	29°20	27° 2	7°26	20°24	10° 4	16°17	26°51	26°22	28°20	8°55	7°24	6° 7	21° 4	M28
T 29	2 28 29	5°25'09	13♍44	28°13	8°39	21° 7	10°17	16°R17	26°53	26°20	28°21	8°R55	7°21	6°14	21° 6	T 29
W30	2 32 26	6°25'16	28°15	29°22	9°53	21°50	10°31	16°17	26°54	26°19	28°22	8°54	7°17	6°20	21° 8	W30
T 31	2 36 22	7♏25'25	12♎49	0♐29	11♐ 6	22♏33	10♏44	16♋17	26♌56	26♈17	28♌23	8♓50	7♓14	6♓27	21♉11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 1	10n28	0n33	7s 7	0n 5	12s58	0n 2	12s 2	0n 1	12s 3	0n58	22n 4	0s31	13n38	0n42	8n46	1s49	22n36	11n 2	7s44	8s16	10s51	14s49	7n10
W 2	3 24	3 32	0s49	7 50	0s 2	13 25	0s 0	12 17	0s 0	12 8	0 58	22 3	0 31	13 37	0 42	8 46	1 49	22 36	11 3	7 44	8 18	10 48	14 50	7 10
T 3	3 48	3s36	2 7	8 33	0 9	13 52	0 3	12 31	0 1	12 12	0 58	22 3	0 31	13 36	0 42	8 45	1 49	22 36	11 3	7 45	8 19	10 45	14 50	7 9
F 4	4 11	10 28	3 16	9 14	0 16	14 19	0 6	12 46	0 1	12 16	0 58	22 3	0 31	13 35	0 42	8 44	1 49	22 35	11 3	7 46	8 20	10 42	14 50	7 9
S 5	4 34	16 40	4 11	9 56	0 23	14 45	0 9	13 1	0 2	12 21	0 58	22 2	0 31	13 34	0 42	8 44	1 49	22 35	11 3	7 48	8 21	10 38	14 51	7 8
S 6	4 58	21 48	4 49	10 36	0 30	15 11	0 12	13 15	0 3	12 25	0 58	22 2	0 30	13 33	0 42	8 43	1 49	22 35	11 4	7 50	8 22	10 35	14 51	7 8
M 7	5 21	25 34	5 9	11 16	0 37	15 37	0 15	13 30	0 3	12 29	0 57	22 2	0 30	13 32	0 42	8 43	1 49	22 34	11 4	7 52	8 24	10 32	14 52	7 7
T 8	5 44	27 47	5 11	11 56	0 44	16 2	0 18	13 44	0 4	12 33	0 57	22 2	0 30	13 31	0 42	8 42	1 49	22 34	11 4	7 53	8 25	10 29	14 52	7 7
W 9	6 7	28 25	4 57	12 34	0 51	16 27	0 20	13 58	0 4	12 38	0 57	22 2	0 30	13 30	0 42	8 41	1 49	22 34	11 5	7 54	8 26	10 25	14 53	7 6
T 10	6 30	27 32	4 29	13 12	0 58	16 51	0 23	14 12	0 5	12 42	0 57	22 1	0 30	13 29	0 42	8 41	1 49	22 34	11 5	7 55	8 27	10 22	14 53	7 6
F 11	6 52	25 19	3 49	13 49	1 5	17 15	0 26	14 26	0 6	12 46	0 57	22 1	0 30	13 29	0 42	8 40	1 49	22 34	11 5	7 55	8 28	10 19	14 53	7 5
S 12	7 15	22 1	3 0	14 26	1 11	17 39	0 29	14 40	0 6	12 51	0 57	22 1	0 30	13 28	0 43	8 40	1 49	22 33	11 6	7 54	8 30	10 16	14 54	7 5
S 13	7 38	17 51	2 3	15 2	1 18	18 2	0 32	14 54	0 7	12 55	0 57	22 1	0 30	13 27	0 43	8 39	1 49	22 33	11 6	7 54	8 31	10 12	14 54	7 4
M14	8 0	13 1	1 2	15 36	1 25	18 25	0 35	15 8	0 8	12 59	0 57	22 1	0 30	13 26	0 43	8 38	1 49	22 33	11 6	7 53	8 32	10 9	14 55	7 3
T 15	8 23	7 44	0n 2	16 10	1 31	18 47	0 38	15 22	0 8	13 4	0 57	22 0	0 30	13 25	0 43	8 38	1 49	22 33	11 6	7 53	8 33	10 6	14 55	7 3
W16	8 45	2 9	1 6	16 44	1 38	19 9	0 41	15 35	0 9	13 8	0 57	22 0	0 30	13 24	0 43	8 37	1 49	22 33	11 7	7 53	8 34	10 3	14 55	7 2
T 17	9 7	3n34	2 7	17 16	1 44	19 30	0 44	15 49	0 9	13 12	0 57	22 0	0 30	13 23	0 43	8 37	1 49	22 32	11 7	7 54	8 36	9 59	14 56	7 2
F 18	9 29	9 14	3 4	17 47	1 50	19 51	0 47	16 2	0 10	13 16	0 56	22 0	0 30	13 23	0 43	8 36	1 49	22 32	11 7	7 56	8 37	9 56	14 56	7 1
S 19	9 51	14 38	3 53	18 18	1 56	20 11	0 49	16 15	0 11	13 21	0 56	22 0	0 30	13 22	0 43	8 35	1 49	22 32	11 8	7 59	8 38	9 53	14 56	7 1
S 20	10 13	19 30	4 31	18 47	2 1	20 31	0 52	16 28	0 11	13 25	0 56	22 0	0 30	13 21	0 43	8 35	1 49	22 32	11 8	8 2	8 39	9 50	14 56	7 0
M21	10 34	23 35	4 56	19 16	2 7	20 50	0 55	16 41	0 12	13 29	0 56	22 0	0 30	13 20	0 43	8 34	1 49	22 32	11 9	8 5	8 40	9 46	14 57	7 0
T 22	10 56	26 33	5 7	19 43	2 12	21 9	0 58	16 54	0 12	13 33	0 56	22 0	0 30	13 20	0 43	8 33	1 49	22 32	11 9	8 9	8 41	9 43	14 57	6 59
W23	11 17	28 8	5 1	20 10	2 17	21 27	1 1	17 7	0 13	13 38	0 56	22 0	0 30	13 19	0 43	8 33	1 49	22 32	11 9	8 11	8 43	9 40	14 57	6 59
T 24	11 38	28 5	4 39	20 35	2 22	21 45	1 3	17 19	0 14	13 42	0 56	22 0	0 30	13 18	0 43	8 32	1 49	22 32	11 10	8 13	8 44	9 37	14 57	6 58
F 25	11 59	26 21	4 1	20 59	2 26	22 1	1 6	17 32	0 14	13 46	0 56	22 0	0 30	13 18	0 43	8 32	1 49	22 32	11 10	8 14	8 45	9 33	14 58	6 58
S 26	12 20	23 1	3 9	21 23	2 30	22 18	1 9	17 44	0 15	13 50	0 56	22 0	0 30	13 17	0 43	8 31	1 49	22 32	11 10	8 15	8 46	9 30	14 58	6 57
S 27	12 40	18 18	2 4	21 44	2 34	22 33	1 12	17 56	0 15	13 55	0 56	22 0	0 30	13 16	0 43	8 30	1 49	22 32	11 11	8 15	8 47	9 27	14 58	6 57
M28	13 1	12 31	0 51	22 5	2 37	22 49	1 14	18 8	0 16	13 59	0 56	22 0	0 30	13 16	0 43	8 30	1 49	22 32	11 11	8 14	8 49	9 23	14 58	6 56
T 29	13 21	6 1	0s26	22 24	2 40	23 3	1 17	18 20	0 17	14 3	0 56	22 0	0 29	13 15	0 43	8 29	1 49	22 32	11 11	8 14	8 50	9 20	14 58	6 56
W30	13 41	0s51	1 42	22 42	2 43	23 17	1 19	18 32	0 17	14 7	0 56	22 0	0 29	13 14	0 43	8 29	1 49	22 32	11 12	8 15	8 51	9 17	14 59	6 55
T 31	14s 1	7s42	2s51	22s58	2s45	23s30	1s22	18s44	0s18	14s11	0n56	22n 0	0s29	13n14	0n43	8n28	1s49	22n32	11n12	8s16	8s52	9s14	14s59	6n55

Julian Day Number = 2345532.5, Delta T = 11.60 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'18, Lahiri = 19°48'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

NOVEMBER 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 19	8♏25'37	27♎20	1♐34	12♐19	23♏15	10♏57	16°R17	26♌58	26°R15	28♌24	8°R43	7♓11	6♓34	21♑13	F 1
S 2	2 44 15	9°25'50	11♏42	2°35	13°32	23°58	11°10	16♋16	27° 0	26♈14	28°24	8♓34	7° 8	6°40	21°16	S 2
S 3	2 48 12	10°26'05	25°49	3°34	14°45	24°41	11°23	16°16	27° 1	26°12	28°25	8°24	7° 5	6°47	21°18	S 3
M 4	2 52 9	11°26'22	9♐34	4°29	15°58	25°24	11°37	16°15	27° 3	26°11	28°26	8°13	7° 1	6°53	21°21	M 4
T 5	2 56 5	12°26'40	22°56	5°20	17°12	26° 7	11°50	16°14	27° 5	26° 9	28°27	8° 3	6°58	7° 0	21°24	T 5
W 6	3 0 2	13°27'00	5♑54	6° 7	18°25	26°51	12° 3	16°14	27° 6	26° 7	28°28	7°55	6°55	7° 7	21°26	W 6
T 7	3 3 58	14°27'22	18°30	6°49	19°38	27°34	12°16	16°13	27° 7	26° 6	28°28	7°49	6°52	7°13	21°29	T 7
F 8	3 7 55	15°27'45	0♒45	7°25	20°51	28°17	12°29	16°11	27° 9	26° 4	28°29	7°46	6°49	7°20	21°32	F 8
S 9	3 11 51	16°28'09	12°46	7°56	22° 4	29° 0	12°43	16°10	27°10	26° 3	28°30	7°D45	6°46	7°27	21°35	S 9
S 10	3 15 48	17°28'35	24°38	8°20	23°17	29°44	12°56	16° 9	27°12	26° 1	28°30	7°45	6°42	7°33	21°38	S 10
M11	3 19 45	18°29'02	6♓26	8°36	24°30	0♐27	13° 9	16° 7	27°13	26° 0	28°31	7°R45	6°39	7°40	21°41	M11
T 12	3 23 41	19°29'30	18°15	8°R44	25°42	1°11	13°22	16° 6	27°14	25°58	28°32	7°45	6°36	7°47	21°45	T 12
W13	3 27 38	20°30'00	0♈10	8°43	26°55	1°54	13°35	16° 4	27°15	25°57	28°32	7°43	6°33	7°53	21°48	W13
T 14	3 31 34	21°30'31	12°16	8°32	28° 8	2°38	13°49	16° 3	27°16	25°55	28°33	7°38	6°30	8° 0	21°51	T 14
F 15	3 35 31	22°31'04	24°37	8°12	29°21	3°22	14° 2	16° 1	27°17	25°54	28°33	7°30	6°26	8° 7	21°54	F 15
S 16	3 39 27	23°31'38	7♉14	7°40	0♑34	4° 5	14°15	15°59	27°18	25°52	28°34	7°20	6°23	8°13	21°58	S 16
S 17	3 43 24	24°32'13	20° 8	6°59	1°46	4°49	14°28	15°57	27°19	25°51	28°34	7° 8	6°20	8°20	22° 1	S 17
M18	3 47 20	25°32'50	3♊18	6° 7	2°59	5°33	14°41	15°55	27°20	25°49	28°34	6°54	6°17	8°26	22° 5	M18
T 19	3 51 17	26°33'28	16°43	5° 5	4°11	6°17	14°54	15°52	27°21	25°48	28°35	6°42	6°14	8°33	22° 8	T 19
W20	3 55 14	27°34'08	0♋20	3°55	5°24	7° 1	15° 7	15°50	27°22	25°47	28°35	6°30	6°11	8°40	22°12	W20
T 21	3 59 10	28°34'50	14° 7	2°39	6°37	7°45	15°21	15°47	27°22	25°45	28°35	6°22	6° 7	8°46	22°16	T 21
F 22	4 3 7	29°35'33	28° 0	1°18	7°49	8°29	15°34	15°45	27°23	25°44	28°36	6°16	6° 4	8°53	22°19	F 22
S 23	4 7 3	0♐36'17	11♌57	29♏56	9° 1	9°13	15°47	15°42	27°24	25°42	28°36	6°13	6° 1	9° 0	22°23	S 23
S 24	4 11 0	1°37'03	25°59	28°35	10°14	9°57	16° 0	15°39	27°24	25°41	28°36	6°12	5°58	9° 6	22°27	S 24
M25	4 14 56	2°37'51	10♍ 3	27°17	11°26	10°41	16°13	15°37	27°25	25°40	28°36	6°12	5°55	9°13	22°31	M25
T 26	4 18 53	3°38'40	24°10	26° 6	12°38	11°25	16°26	15°34	27°25	25°39	28°37	6°12	5°52	9°20	22°35	T 26
W27	4 22 49	4°39'31	8♎18	25° 3	13°51	12°10	16°38	15°31	27°25	25°37	28°37	6° 9	5°48	9°26	22°39	W27
T 28	4 26 46	5°40'23	22°26	24°11	15° 3	12°54	16°51	15°27	27°26	25°36	28°37	6° 4	5°45	9°33	22°43	T 28
F 29	4 30 43	6°41'16	6♏30	23°29	16°15	13°38	17° 4	15°24	27°26	25°35	28°37	5°56	5°42	9°40	22°47	F 29
S 30	4 34 39	7♐42'11	20♏27	22♏58	17♑27	14♐23	17♏17	15♋21	27♌26	25♈34	28♌37	5♓44	5♓39	9♓46	22♑51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s20	14s 6	3s49	23s13	2s46	23s42	1s25	18s55	0s18	14s15	0n56	22n 0	0s29	13n13	0n43	8n28	1s49	22n32	11n13	8s19	8s53	9s10	14s59	6n54
S 2	14 39	19 40	4 31	23 27	2 47	23 54	1 27	19 6	0 19	14 20	0 55	22 0	0 29	13 13	0 43	8 27	1 49	22 32	11 13	8 22	8 54	9 7	14 59	6 54
S 3	14 59	24 2	4 56	23 39	2 48	24 5	1 29	19 17	0 20	14 24	0 55	22 0	0 29	13 12	0 43	8 26	1 49	22 32	11 13	8 26	8 56	9 4	14 59	6 53
M 4	15 17	26 55	5 4	23 49	2 47	24 16	1 32	19 28	0 20	14 28	0 55	22 0	0 29	13 12	0 43	8 26	1 49	22 32	11 14	8 30	8 57	9 0	14 59	6 53
T 5	15 36	28 11	4 54	23 57	2 46	24 25	1 34	19 39	0 21	14 32	0 55	22 0	0 29	13 11	0 43	8 25	1 49	22 32	11 14	8 34	8 58	8 57	14 59	6 52
W 6	15 54	27 49	4 29	24 3	2 44	24 35	1 37	19 50	0 21	14 36	0 55	22 1	0 29	13 11	0 43	8 25	1 49	22 32	11 15	8 37	8 59	8 54	14 59	6 52
T 7	16 12	26 1	3 51	24 8	2 41	24 43	1 39	20 0	0 22	14 40	0 55	22 1	0 29	13 10	0 44	8 24	1 49	22 32	11 15	8 39	9 0	8 51	14 59	6 51
F 8	16 30	23 1	3 4	24 10	2 37	24 50	1 41	20 11	0 23	14 44	0 55	22 1	0 29	13 10	0 44	8 24	1 49	22 32	11 15	8 40	9 2	8 47	14 59	6 51
S 9	16 47	19 4	2 9	24 10	2 32	24 57	1 43	20 21	0 23	14 48	0 55	22 1	0 29	13 9	0 44	8 23	1 49	22 32	11 16	8 41	9 3	8 44	14 59	6 50
S 10	17 5	14 25	1 9	24 8	2 26	25 4	1 45	20 31	0 24	14 52	0 55	22 1	0 29	13 9	0 44	8 22	1 49	22 32	11 16	8 41	9 4	8 41	14 59	6 50
M11	17 21	9 17	0 7	24 3	2 18	25 9	1 47	20 41	0 24	14 56	0 55	22 2	0 29	13 9	0 44	8 22	1 49	22 33	11 16	8 40	9 5	8 37	14 59	6 50
T 12	17 38	3 48	0n56	23 55	2 9	25 14	1 49	20 50	0 25	15 0	0 55	22 2	0 29	13 8	0 44	8 21	1 49	22 33	11 17	8 41	9 6	8 34	14 59	6 49
W13	17 54	1n51	1 56	23 45	1 59	25 18	1 51	21 0	0 25	15 4	0 55	22 2	0 29	13 8	0 44	8 21	1 49	22 33	11 17	8 41	9 7	8 31	14 59	6 49
T 14	18 10	7 30	2 52	23 31	1 47	25 21	1 53	21 9	0 26	15 8	0 55	22 2	0 29	13 8	0 44	8 20	1 49	22 33	11 18	8 43	9 9	8 28	14 59	6 48
F 15	18 26	12 59	3 41	23 15	1 33	25 23	1 55	21 18	0 27	15 12	0 55	22 3	0 29	13 7	0 44	8 20	1 49	22 33	11 18	8 46	9 10	8 24	14 59	6 48
S 16	18 41	18 3	4 21	22 55	1 18	25 25	1 56	21 27	0 27	15 16	0 55	22 3	0 29	13 7	0 44	8 19	1 49	22 34	11 19	8 50	9 11	8 21	14 59	6 47
S 17	18 56	22 25	4 48	22 31	1 1	25 26	1 58	21 35	0 28	15 20	0 55	22 3	0 28	13 7	0 44	8 19	1 49	22 34	11 19	8 55	9 12	8 18	14 59	6 47
M18	19 11	25 45	5 0	22 5	0 43	25 26	2 0	21 44	0 28	15 24	0 55	22 4	0 28	13 6	0 44	8 18	1 49	22 34	11 19	8 59	9 13	8 14	14 59	6 47
T 19	19 25	27 43	4 56	21 35	0 24	25 26	2 1	21 52	0 29	15 28	0 55	22 4	0 28	13 6	0 44	8 18	1 49	22 34	11 20	9 4	9 14	8 11	14 58	6 46
W20	19 39	28 4	4 35	21 2	0 4	25 24	2 2	22 0	0 29	15 32	0 55	22 4	0 28	13 6	0 44	8 17	1 49	22 35	11 20	9 8	9 16	8 8	14 58	6 46
T 21	19 53	26 41	3 58	20 28	0n16	25 22	2 4	22 8	0 30	15 35	0 55	22 5	0 28	13 6	0 44	8 17	1 49	22 35	11 21	9 11	9 17	8 4	14 58	6 45
F 22	20 6	23 39	3 7	19 51	0 37	25 20	2 5	22 15	0 31	15 39	0 55	22 5	0 28	13 6	0 44	8 17	1 49	22 35	11 21	9 14	9 18	8 1	14 58	6 45
S 23	20 19	19 14	2 4	19 15	0 57	25 16	2 6	22 23	0 31	15 43	0 55	22 5	0 28	13 5	0 44	8 16	1 48	22 35	11 21	9 15	9 19	7 58	14 58	6 45
S 24	20 31	13 43	0 54	18 39	1 16	25 12	2 7	22 30	0 32	15 47	0 55	22 6	0 28	13 5	0 44	8 16	1 48	22 36	11 22	9 15	9 20	7 54	14 57	6 44
M25	20 43	7 30	0s20	18 4	1 33	25 7	2 8	22 37	0 32	15 50	0 55	22 6	0 28	13 5	0 44	8 15	1 48	22 36	11 22	9 15	9 21	7 51	14 57	6 44
T 26	20 55	0 54	1 33	17 32	1 49	25 1	2 9	22 44	0 33	15 54	0 55	22 6	0 28	13 5	0 44	8 15	1 48	22 36	11 23	9 15	9 23	7 48	14 57	6 43
W27	21 6	5s45	2 41	17 4	2 3	24 55	2 10	22 50	0 33	15 58	0 55	22 7	0 28	13 5	0 44	8 14	1 48	22 37	11 23	9 16	9 24	7 44	14 57	6 43
T 28	21 17	12 7	3 38	16 40	2 15	24 48	2 11	22 57	0 34	16 2	0 55	22 7	0 28	13 5	0 44	8 14	1 48	22 37	11 23	9 18	9 25	7 41	14 56	6 43
F 29	21 28	17 49	4 22	16 20	2 25	24 40	2 11	23 3	0 34	16 5	0 55	22 8	0 28	13 5	0 44	8 14	1 48	22 37	11 24	9 21	9 26	7 38	14 56	6 42
S 30	21s38	22s32	4s50	16s 6	2n32	24s31	2s12	23s 9	0s35	16s 9	0n55	22n 8	0s28	13n 5	0n45	8n13	1s48	22n38	11n24	9s25	9s27	7s35	14s56	6n42

Julian Day Number = 2345563.5, Delta T = 11.58 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'23, Lahiri = 19°48'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1709
geocentric

DECEMBER 1709 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 36	8♐43'07	4♐12	22°R40	18♑39	15♐ 8	17♏30	15°R17	27♌26	25°R33	28°R37	5°R32	5♓36	9♓53	22♑55	S 1
M 2	4 42 32	9°44'04	17°42	22°D32	19°51	15°52	17°43	15♋14	27°26	25♈32	28♌37	5♓18	5°32	10° 0	23° 0	M 2
T 3	4 46 29	10°45'02	0♑53	22♏35	21° 3	16°37	17°55	15°10	27°R26	25°31	28°37	5° 5	5°29	10° 6	23° 4	T 3
W 4	4 50 25	11°46'01	13°45	22°47	22°15	17°21	18° 8	15° 7	27°26	25°29	28°37	4°55	5°26	10°13	23° 8	W 4
T 5	4 54 22	12°47'01	26°17	23° 9	23°27	18° 6	18°21	15° 3	27°26	25°28	28°37	4°47	5°23	10°19	23°12	T 5
F 6	4 58 18	13°48'02	8♒32	23°39	24°38	18°51	18°33	14°59	27°26	25°27	28°36	4°41	5°20	10°26	23°17	F 6
S 7	5 2 15	14°49'03	20°33	24°16	25°50	19°36	18°46	14°55	27°26	25°26	28°36	4°39	5°17	10°33	23°21	S 7
S 8	5 6 12	15°50'04	2♓25	25° 0	27° 2	20°21	18°58	14°51	27°26	25°26	28°36	4°D38	5°13	10°39	23°26	S 8
M 9	5 10 8	16°51'07	14°12	25°50	28°13	21° 6	19°11	14°47	27°25	25°25	28°36	4°R38	5°10	10°46	23°30	M 9
T 10	5 14 5	17°52'09	26° 1	26°44	29°24	21°51	19°23	14°43	27°25	25°24	28°36	4°38	5° 7	10°53	23°35	T 10
W11	5 18 1	18°53'12	7♈57	27°43	0♒36	22°36	19°36	14°39	27°25	25°23	28°35	4°36	5° 4	10°59	23°39	W11
T 12	5 21 58	19°54'16	20° 5	28°46	1°47	23°21	19°48	14°35	27°24	25°22	28°35	4°32	5° 1	11° 6	23°44	T 12
F 13	5 25 54	20°55'20	2♉30	29°53	2°58	24° 6	20° 0	14°31	27°24	25°21	28°35	4°26	4°58	11°13	23°49	F 13
S 14	5 29 51	21°56'24	15°15	1♐ 2	4° 9	24°51	20°13	14°26	27°23	25°20	28°34	4°17	4°54	11°19	23°53	S 14
S 15	5 33 47	22°57'29	28°22	2°14	5°20	25°36	20°25	14°22	27°22	25°20	28°34	4° 6	4°51	11°26	23°58	S 15
M16	5 37 44	23°58'35	11♊51	3°28	6°31	26°22	20°37	14°17	27°22	25°19	28°33	3°54	4°48	11°33	24° 3	M16
T 17	5 41 41	24°59'41	25°39	4°45	7°42	27° 7	20°49	14°13	27°21	25°18	28°33	3°42	4°45	11°39	24° 7	T 17
W18	5 45 37	26° 0'47	9♋42	6° 3	8°52	27°52	21° 1	14° 8	27°20	25°18	28°32	3°31	4°42	11°46	24°12	W18
T 19	5 49 34	27° 1'54	23°56	7°22	10° 3	28°38	21°13	14° 4	27°19	25°17	28°32	3°23	4°39	11°53	24°17	T 19
F 20	5 53 30	28° 3'01	8♌15	8°43	11°13	29°23	21°25	13°59	27°18	25°17	28°31	3°18	4°35	11°59	24°22	F 20
S 21	5 57 27	29° 4'09	22°35	10° 5	12°23	0♑ 9	21°37	13°54	27°17	25°16	28°31	3°16	4°32	12° 6	24°27	S 21
S 22	6 1 23	0♑ 5'18	6♍51	11°29	13°33	0°54	21°48	13°50	27°16	25°15	28°30	3°D15	4°29	12°12	24°32	S 22
M23	6 5 20	1° 6'27	21° 2	12°53	14°44	1°40	22° 0	13°45	27°15	25°15	28°29	3°16	4°26	12°19	24°37	M23
T 24	6 9 17	2° 7'36	5♎ 6	14°18	15°53	2°25	22°12	13°40	27°14	25°15	28°29	3°R16	4°23	12°26	24°42	T 24
W25	6 13 13	3° 8'46	19° 2	15°44	17° 3	3°11	22°23	13°35	27°13	25°14	28°28	3°15	4°19	12°32	24°47	W25
T 26	6 17 10	4° 9'57	2♏51	17°10	18°13	3°57	22°35	13°30	27°12	25°14	28°27	3°11	4°16	12°39	24°52	T 26
F 27	6 21 6	5°11'08	16°31	18°37	19°22	4°42	22°46	13°26	27°11	25°13	28°26	3° 5	4°13	12°46	24°57	F 27
S 28	6 25 3	6°12'19	0♐ 1	20° 5	20°32	5°28	22°58	13°21	27° 9	25°13	28°26	2°57	4°10	12°52	25° 2	S 28
S 29	6 28 59	7°13'31	13°20	21°34	21°41	6°14	23° 9	13°16	27° 8	25°13	28°25	2°47	4° 7	12°59	25° 7	S 29
M30	6 32 56	8°14'43	26°26	23° 2	22°50	7° 0	23°20	13°11	27° 7	25°13	28°24	2°37	4° 4	13° 6	25°12	M30
T 31	6 36 52	9♑15'55	9♑18	24♐32	23♒59	7♑46	23♏31	13♋ 6	27♌ 5	25♈12	28♌23	2♓27	4♓ 0	13♓12	25♑17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s48	25s56	5s 0	15s56	2n37	24s22	2s12	23s14	0s35	16s12	0n55	22n 9	0s28	13n 5	0n45	8n13	1s48	22n38	11n25	9s30	9s29	7s31	14s55	6n42
M 2	21 57	27 46	4 53	15 51	2 41	24 12	2 13	23 20	0 36	16 16	0 55	22 9	0 28	13 5	0 45	8 12	1 48	22 38	11 25	9 35	9 30	7 28	14 55	6 41
T 3	22 6	27 59	4 31	15 50	2 42	24 1	2 13	23 25	0 37	16 20	0 55	22 10	0 27	13 5	0 45	8 12	1 48	22 39	11 25	9 40	9 31	7 25	14 55	6 41
W 4	22 14	26 40	3 55	15 53	2 42	23 50	2 13	23 30	0 37	16 23	0 55	22 10	0 27	13 5	0 45	8 12	1 48	22 39	11 26	9 44	9 32	7 21	14 54	6 41
T 5	22 22	24 0	3 8	15 59	2 41	23 38	2 13	23 34	0 38	16 27	0 55	22 11	0 27	13 5	0 45	8 11	1 48	22 40	11 26	9 47	9 33	7 18	14 54	6 40
F 6	22 30	20 18	2 14	16 9	2 39	23 25	2 13	23 39	0 38	16 30	0 55	22 11	0 27	13 5	0 45	8 11	1 48	22 40	11 27	9 48	9 34	7 15	14 53	6 40
S 7	22 37	15 50	1 14	16 21	2 36	23 12	2 13	23 43	0 39	16 33	0 55	22 12	0 27	13 5	0 45	8 11	1 48	22 41	11 27	9 49	9 36	7 11	14 53	6 40
S 8	22 43	10 49	0 12	16 36	2 31	22 58	2 13	23 47	0 39	16 37	0 55	22 12	0 27	13 5	0 45	8 10	1 48	22 41	11 27	9 50	9 37	7 8	14 53	6 40
M 9	22 50	5 27	0n51	16 52	2 26	22 43	2 13	23 50	0 40	16 40	0 55	22 13	0 27	13 5	0 45	8 10	1 48	22 41	11 28	9 50	9 38	7 5	14 52	6 39
T 10	22 55	0n 7	1 51	17 11	2 21	22 28	2 12	23 54	0 40	16 44	0 55	22 13	0 27	13 6	0 45	8 10	1 48	22 42	11 28	9 50	9 39	7 1	14 52	6 39
W11	23 1	5 43	2 47	17 30	2 15	22 12	2 12	23 57	0 41	16 47	0 55	22 14	0 27	13 6	0 45	8 10	1 48	22 42	11 29	9 50	9 40	6 58	14 51	6 39
T 12	23 6	11 12	3 37	17 50	2 8	21 55	2 11	24 0	0 41	16 50	0 55	22 14	0 27	13 6	0 45	8 9	1 48	22 43	11 29	9 52	9 41	6 55	14 51	6 38
F 13	23 10	16 23	4 17	18 11	2 1	21 38	2 10	24 2	0 42	16 54	0 55	22 15	0 27	13 6	0 45	8 9	1 48	22 43	11 29	9 54	9 43	6 51	14 50	6 38
S 14	23 14	20 59	4 46	18 32	1 54	21 21	2 9	24 5	0 42	16 57	0 55	22 15	0 27	13 6	0 45	8 9	1 48	22 44	11 30	9 57	9 44	6 48	14 50	6 38
S 15	23 17	24 43	5 0	18 54	1 47	21 3	2 8	24 7	0 43	17 0	0 55	22 16	0 26	13 7	0 45	8 9	1 48	22 44	11 30	10 1	9 45	6 45	14 49	6 38
M16	23 20	27 11	4 59	19 16	1 39	20 44	2 7	24 9	0 43	17 3	0 55	22 16	0 26	13 7	0 45	8 8	1 47	22 45	11 31	10 6	9 46	6 41	14 49	6 37
T 17	23 23	28 5	4 40	19 37	1 31	20 25	2 6	24 10	0 44	17 6	0 55	22 17	0 26	13 7	0 45	8 8	1 47	22 45	11 31	10 10	9 47	6 38	14 48	6 37
W18	23 25	27 11	4 5	19 59	1 23	20 5	2 5	24 12	0 44	17 10	0 55	22 18	0 26	13 8	0 45	8 8	1 47	22 46	11 31	10 14	9 48	6 34	14 47	6 37
T 19	23 27	24 31	3 13	20 20	1 16	19 44	2 3	24 13	0 45	17 13	0 55	22 18	0 26	13 8	0 45	8 8	1 47	22 47	11 32	10 17	9 49	6 31	14 47	6 37
F 20	23 28	20 18	2 9	20 41	1 8	19 24	2 2	24 14	0 45	17 16	0 55	22 19	0 26	13 8	0 45	8 8	1 47	22 47	11 32	10 19	9 51	6 28	14 46	6 37
S 21	23 29	14 54	0 57	21 1	1 0	19 2	2 0	24 14	0 46	17 19	0 55	22 19	0 26	13 9	0 45	8 8	1 47	22 48	11 33	10 20	9 52	6 24	14 46	6 36
S 22	23 29	8 43	0s19	21 21	0 52	18 40	1 59	24 15	0 46	17 22	0 55	22 20	0 26	13 9	0 45	8 7	1 47	22 48	11 33	10 20	9 53	6 21	14 45	6 36
M23	23 28	2 8	1 33	21 39	0 44	18 18	1 57	24 15	0 46	17 25	0 55	22 20	0 26	13 9	0 46	8 7	1 47	22 49	11 33	10 20	9 54	6 18	14 44	6 36
T 24	23 28	4s30	2 42	21 58	0 36	17 55	1 55	24 14	0 47	17 28	0 55	22 21	0 26	13 10	0 46	8 7	1 47	22 49	11 34	10 19	9 55	6 14	14 44	6 36
W25	23 27	10 51	3 39	22 15	0 28	17 32	1 53	24 14	0 47	17 31	0 55	22 22	0 26	13 10	0 46	8 7	1 47	22 50	11 34	10 20	9 56	6 11	14 43	6 36
T 26	23 25	16 36	4 24	22 31	0 20	17 9	1 50	24 13	0 48	17 34	0 55	22 22	0 25	13 11	0 46	8 7	1 47	22 51	11 34	10 21	9 58	6 8	14 42	6 35
F 27	23 23	21 28	4 52	22 47	0 13	16 45	1 48	24 12	0 48	17 36	0 55	22 23	0 25	13 11	0 46	8 7	1 47	22 51	11 35	10 23	9 59	6 4	14 42	6 35
S 28	23 20	25 9	5 5	23 1	0 5	16 20	1 46	24 11	0 49	17 39	0 55	22 23	0 25	13 12	0 46	8 7	1 47	22 52	11 35	10 26	10 0	6 1	14 41	6 35
S 29	23 17	27 24	5 0	23 15	0s 2	15 55	1 43	24 9	0 49	17 42	0 55	22 24	0 25	13 12	0 46	8 7	1 47	22 52	11 35	10 30	10 1	5 58	14 40	6 35
M30	23 13	28 5	4 39	23 27	0 9	15 30	1 40	24 7	0 50	17 45	0 55	22 25	0 25	13 13	0 46	8 7	1 47	22 53	11 36	10 34	10 2	5 54	14 39	6 35
T 31	23s 9	27s13	4s 5	23s39	0s17	15s 5	1s37	24s 5	0s50	17s47	0n55	22n25	0s25	13n13	0n46	8n 7	1s47	22n54	11n36	10s37	10s 3	5s51	14s39	6n35

Julian Day Number = 2345593.5, Delta T = 11.57 sec
Ecliptic obliquity = 23°28'45, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'27, Lahiri = 19°48'27Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1710
geocentric

JANUARY 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 49	10♑17'07	21♑56	26♐ 2	25♒ 8	8♑32	23♏42	13°R 1	27°R 4	25°R12	28°R22	2°R18	3♓57	13♓19	25♑22	W 1
T 2	6 44 46	11°18'19	4♒18	27°32	26°16	9°18	23°53	12♋56	27♌ 2	25♈12	28♌21	2♓12	3°54	13°26	25°27	T 2
F 3	6 48 42	12°19'30	16°27	29° 3	27°25	10° 4	24° 4	12°51	27° 0	25°12	28°20	2° 8	3°51	13°32	25°32	F 3
S 4	6 52 39	13°20'41	28°26	0♑34	28°33	10°50	24°15	12°46	26°59	25°12	28°19	2°D 7	3°48	13°39	25°37	S 4
S 5	6 56 35	14°21'51	10♓16	2° 6	29°41	11°36	24°26	12°41	26°57	25°12	28°19	2° 7	3°45	13°46	25°43	S 5
M 6	7 0 32	15°23'02	22° 3	3°38	0♓49	12°22	24°36	12°36	26°55	25°D12	28°18	2° 8	3°41	13°52	25°48	M 6
T 7	7 4 28	16°24'11	3♈51	5°10	1°57	13° 9	24°47	12°31	26°54	25°12	28°16	2°10	3°38	13°59	25°53	T 7
W 8	7 8 25	17°25'20	15°46	6°43	3° 4	13°55	24°57	12°26	26°52	25°12	28°15	2°R11	3°35	14° 5	25°58	W 8
T 9	7 12 21	18°26'28	27°52	8°17	4°11	14°41	25° 7	12°21	26°50	25°12	28°14	2°10	3°32	14°12	26° 3	T 9
F 10	7 16 18	19°27'36	10♉16	9°50	5°18	15°27	25°18	12°16	26°48	25°12	28°13	2° 8	3°29	14°19	26° 9	F 10
S 11	7 20 15	20°28'43	23° 1	11°25	6°25	16°14	25°28	12°11	26°46	25°12	28°12	2° 3	3°25	14°25	26°14	S 11
S 12	7 24 11	21°29'50	6♊10	13° 0	7°32	17° 0	25°38	12° 7	26°44	25°12	28°11	1°58	3°22	14°32	26°19	S 12
M13	7 28 8	22°30'55	19°45	14°35	8°38	17°46	25°48	12° 2	26°42	25°13	28°10	1°51	3°19	14°39	26°24	M13
T 14	7 32 4	23°32'00	3♋45	16°11	9°44	18°33	25°58	11°57	26°40	25°13	28° 9	1°45	3°16	14°45	26°29	T 14
W15	7 36 1	24°33'05	18° 6	17°47	10°50	19°19	26° 7	11°52	26°38	25°13	28° 8	1°39	3°13	14°52	26°35	W15
T 16	7 39 57	25°34'08	2♌43	19°24	11°56	20° 6	26°17	11°47	26°36	25°14	28° 6	1°34	3°10	14°59	26°40	T 16
F 17	7 43 54	26°35'11	17°29	21° 2	13° 1	20°52	26°26	11°43	26°34	25°14	28° 5	1°32	3° 6	15° 5	26°45	F 17
S 18	7 47 50	27°36'14	2♍16	22°40	14° 6	21°39	26°36	11°38	26°32	25°14	28° 4	1°D31	3° 3	15°12	26°50	S 18
S 19	7 51 47	28°37'15	16°58	24°18	15°11	22°25	26°45	11°33	26°29	25°15	28° 3	1°32	3° 0	15°19	26°56	S 19
M20	7 55 44	29°38'17	1♎29	25°58	16°15	23°12	26°54	11°29	26°27	25°15	28° 1	1°33	2°57	15°25	27° 1	M20
T 21	7 59 40	0♒39'17	15°45	27°38	17°19	23°59	27° 3	11°24	26°25	25°16	28° 0	1°35	2°54	15°32	27° 6	T 21
W22	8 3 37	1°40'17	29°45	29°18	18°23	24°45	27°12	11°20	26°23	25°16	27°59	1°R35	2°51	15°39	27°11	W22
T 23	8 7 33	2°41'17	13♏28	0♒59	19°26	25°32	27°21	11°15	26°20	25°17	27°57	1°35	2°47	15°45	27°16	T 23
F 24	8 11 30	3°42'16	26°55	2°41	20°29	26°19	27°30	11°11	26°18	25°18	27°56	1°33	2°44	15°52	27°22	F 24
S 25	8 15 26	4°43'15	10♐ 7	4°23	21°32	27° 6	27°38	11° 6	26°16	25°18	27°55	1°30	2°41	15°58	27°27	S 25
S 26	8 19 23	5°44'12	23° 4	6° 7	22°35	27°52	27°47	11° 2	26°13	25°19	27°53	1°26	2°38	16° 5	27°32	S 26
M27	8 23 20	6°45'09	5♑47	7°50	23°37	28°39	27°55	10°58	26°11	25°20	27°52	1°22	2°35	16°12	27°37	M27
T 28	8 27 16	7°46'05	18°18	9°35	24°38	29°26	28° 3	10°54	26° 8	25°20	27°51	1°18	2°31	16°18	27°42	T 28
W29	8 31 13	8°47'00	0♒38	11°20	25°40	0♒13	28°12	10°50	26° 6	25°21	27°49	1°14	2°28	16°25	27°47	W29
T 30	8 35 9	9°47'54	12°47	13° 6	26°40	1° 0	28°19	10°46	26° 4	25°22	27°48	1°12	2°25	16°32	27°53	T 30
F 31	8 39 6	10♒48'47	24♒48	14♒52	27♓41	1♒47	28♏27	10♋42	26♌ 1	25♈23	27♌46	1♓11	2♓22	16♓38	27♑58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 5	24s58	3s19	23s49	0s24	14s39	1s35	24s 3	0s50	17s50	0n55	22n26	0s25	13n14	0n46	8n 7	1s47	22n54	11n36	10s40	10s 5	5s48	14s38	6n35
T 2	23 0	21 33	2 24	23 58	0 30	14 13	1 31	24 0	0 51	17 53	0 55	22 26	0 25	13 14	0 46	8 7	1 47	22 55	11 37	10 43	10 6	5 44	14 37	6 34
F 3	22 54	17 15	1 23	24 6	0 37	13 46	1 28	23 57	0 51	17 55	0 55	22 27	0 25	13 15	0 46	8 7	1 46	22 56	11 37	10 44	10 7	5 41	14 36	6 34
S 4	22 49	12 21	0 20	24 12	0 44	13 20	1 25	23 54	0 52	17 58	0 56	22 28	0 24	13 16	0 46	8 7	1 46	22 56	11 37	10 44	10 8	5 38	14 35	6 34
S 5	22 42	7 3	0n44	24 18	0 50	12 52	1 22	23 50	0 52	18 1	0 56	22 28	0 24	13 16	0 46	8 7	1 46	22 57	11 38	10 44	10 9	5 34	14 35	6 34
M 6	22 35	1 32	1 46	24 22	0 56	12 25	1 18	23 46	0 53	18 3	0 56	22 29	0 24	13 17	0 46	8 7	1 46	22 58	11 38	10 44	10 10	5 31	14 34	6 34
T 7	22 28	4n 2	2 43	24 25	1 2	11 57	1 14	23 42	0 53	18 6	0 56	22 29	0 24	13 17	0 46	8 7	1 46	22 58	11 38	10 43	10 11	5 27	14 33	6 34
W 8	22 21	9 30	3 34	24 26	1 8	11 30	1 11	23 38	0 53	18 8	0 56	22 30	0 24	13 18	0 46	8 7	1 46	22 59	11 39	10 43	10 13	5 24	14 32	6 34
T 9	22 12	14 43	4 17	24 26	1 13	11 1	1 7	23 34	0 54	18 10	0 56	22 30	0 24	13 19	0 46	8 7	1 46	23 0	11 39	10 43	10 14	5 21	14 31	6 34
F 10	22 4	19 28	4 48	24 25	1 19	10 33	1 3	23 29	0 54	18 13	0 56	22 31	0 24	13 19	0 46	8 7	1 46	23 0	11 39	10 44	10 15	5 17	14 30	6 34
S 11	21 55	23 29	5 6	24 23	1 24	10 5	0 59	23 24	0 55	18 15	0 56	22 32	0 24	13 20	0 46	8 7	1 46	23 1	11 40	10 46	10 16	5 14	14 29	6 34
S 12	21 46	26 27	5 9	24 19	1 28	9 36	0 54	23 18	0 55	18 18	0 56	22 32	0 24	13 21	0 46	8 8	1 46	23 2	11 40	10 48	10 17	5 11	14 29	6 34
M13	21 36	27 59	4 55	24 13	1 33	9 7	0 50	23 13	0 55	18 20	0 56	22 33	0 23	13 22	0 46	8 8	1 46	23 2	11 40	10 50	10 18	5 7	14 28	6 34
T 14	21 25	27 49	4 24	24 6	1 37	8 38	0 45	23 7	0 56	18 22	0 56	22 33	0 23	13 22	0 46	8 8	1 46	23 3	11 40	10 52	10 19	5 4	14 27	6 34
W15	21 15	25 48	3 35	23 58	1 41	8 9	0 41	23 1	0 56	18 24	0 56	22 34	0 23	13 23	0 46	8 8	1 46	23 4	11 41	10 54	10 21	5 1	14 26	6 34
T 16	21 4	22 2	2 31	23 48	1 45	7 39	0 36	22 54	0 56	18 26	0 56	22 34	0 23	13 24	0 46	8 8	1 46	23 4	11 41	10 56	10 22	4 57	14 25	6 34
F 17	20 52	16 49	1 16	23 37	1 49	7 10	0 31	22 47	0 57	18 29	0 56	22 35	0 23	13 24	0 46	8 8	1 46	23 5	11 41	10 57	10 23	4 54	14 24	6 34
S 18	20 40	10 37	0s 4	23 24	1 52	6 40	0 26	22 40	0 57	18 31	0 56	22 35	0 23	13 25	0 46	8 9	1 46	23 6	11 42	10 57	10 24	4 50	14 23	6 34
S 19	20 28	3 52	1 24	23 10	1 55	6 11	0 21	22 33	0 57	18 33	0 56	22 36	0 23	13 26	0 46	8 9	1 46	23 6	11 42	10 57	10 25	4 47	14 22	6 34
M20	20 16	2s59	2 37	22 54	1 57	5 41	0 16	22 26	0 58	18 35	0 57	22 36	0 23	13 27	0 46	8 9	1 45	23 7	11 42	10 56	10 26	4 44	14 21	6 34
T 21	20 3	9 34	3 39	22 37	1 59	5 11	0 11	22 18	0 58	18 37	0 57	22 37	0 22	13 28	0 46	8 9	1 45	23 8	11 42	10 56	10 28	4 40	14 20	6 34
W22	19 49	15 33	4 27	22 18	2 1	4 41	0 5	22 10	0 58	18 39	0 57	22 37	0 22	13 28	0 46	8 10	1 45	23 8	11 43	10 56	10 29	4 37	14 19	6 34
T 23	19 36	20 39	4 58	21 58	2 3	4 11	0n 0	22 2	0 59	18 41	0 57	22 38	0 22	13 29	0 47	8 10	1 45	23 9	11 43	10 56	10 30	4 34	14 18	6 34
F 24	19 21	24 34	5 13	21 36	2 4	3 41	0 6	21 53	0 59	18 43	0 57	22 38	0 22	13 30	0 47	8 10	1 45	23 10	11 43	10 56	10 31	4 30	14 17	6 34
S 25	19 7	27 7	5 10	21 12	2 4	3 11	0 11	21 45	0 59	18 44	0 57	22 39	0 22	13 31	0 47	8 10	1 45	23 11	11 43	10 58	10 32	4 27	14 16	6 34
S 26	18 52	28 9	4 52	20 47	2 5	2 41	0 17	21 36	1 0	18 46	0 57	22 39	0 22	13 32	0 47	8 11	1 45	23 11	11 43	10 59	10 33	4 24	14 15	6 34
M27	18 37	27 40	4 19	20 21	2 4	2 11	0 23	21 27	1 0	18 48	0 57	22 40	0 22	13 33	0 47	8 11	1 45	23 12	11 44	11 0	10 34	4 20	14 14	6 34
T 28	18 21	25 46	3 35	19 52	2 4	1 41	0 29	21 17	1 0	18 50	0 57	22 40	0 22	13 33	0 47	8 11	1 45	23 13	11 44	11 2	10 36	4 17	14 13	6 34
W29	18 6	22 40	2 41	19 22	2 3	1 11	0 35	21 7	1 1	18 52	0 57	22 41	0 21	13 34	0 47	8 12	1 45	23 13	11 44	11 3	10 37	4 13	14 12	6 34
T 30	17 49	18 36	1 40	18 51	2 1	0 41	0 42	20 58	1 1	18 53	0 57	22 41	0 21	13 35	0 47	8 12	1 45	23 14	11 44	11 4	10 38	4 10	14 11	6 34
F 31	17s33	13s50	0s35	18s18	1s59	0s11	0n48	20s47	1s 1	18s55	0n57	22n42	0s21	13n36	0n47	8n12	1s45	23n15	11n44	11s 4	10s39	4s 7	14s10	6n34

Julian Day Number = 2345624.5, Delta T = 11.55 sec
Ecliptic obliquity = 23°28'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'31, Lahiri = 19°48'32Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

FEBRUARY 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 2	11♒49'38	6♓41	16♒39	28♓41	2♒33	28♏35	10°R38	25°R58	25♈24	27°R45	1°D11	2♓19	16♓45	28♉ 3	S 1
S 2	8 46 59	12°50'29	18°29	18°26	29°40	3°20	28°43	10♋34	25♌56	25°25	27♌43	1♓12	2°16	16°52	28° 8	S 2
M 3	8 50 55	13°51'17	0♈16	20°14	0♈39	4° 7	28°50	10°30	25°53	25°26	27°42	1°13	2°12	16°58	28°13	M 3
T 4	8 54 52	14°52'04	12° 5	22° 2	1°38	4°54	28°57	10°27	25°51	25°27	27°40	1°15	2° 9	17° 5	28°18	T 4
W 5	8 58 48	15°52'50	23°59	23°51	2°36	5°41	29° 4	10°23	25°48	25°28	27°39	1°16	2° 6	17°12	28°23	W 5
T 6	9 2 45	16°53'34	6♉ 4	25°39	3°34	6°28	29°11	10°20	25°46	25°29	27°38	1°17	2° 3	17°18	28°28	T 6
F 7	9 6 42	17°54'17	18°24	27°28	4°31	7°15	29°18	10°16	25°43	25°30	27°36	1°R17	2° 0	17°25	28°33	F 7
S 8	9 10 38	18°54'58	1♊ 4	29°16	5°27	8° 2	29°25	10°13	25°41	25°31	27°35	1°17	1°56	17°32	28°38	S 8
S 9	9 14 35	19°55'38	14° 7	1♓ 4	6°23	8°49	29°31	10°10	25°38	25°32	27°33	1°16	1°53	17°38	28°43	S 9
M10	9 18 31	20°56'15	27°36	2°52	7°18	9°36	29°38	10° 6	25°35	25°33	27°32	1°15	1°50	17°45	28°48	M10
T 11	9 22 28	21°56'51	11♋33	4°39	8°13	10°24	29°44	10° 3	25°33	25°34	27°30	1°14	1°47	17°52	28°53	T 11
W12	9 26 24	22°57'26	25°57	6°24	9° 6	11°11	29°50	10° 0	25°30	25°36	27°29	1°13	1°44	17°58	28°58	W12
T 13	9 30 21	23°57'58	10♌42	8° 8	10° 0	11°58	29°56	9°58	25°27	25°37	27°27	1°12	1°41	18° 5	29° 3	T 13
F 14	9 34 18	24°58'29	25°43	9°49	10°52	12°45	0♐ 2	9°55	25°25	25°38	27°26	1°D12	1°37	18°11	29° 8	F 14
S 15	9 38 14	25°58'58	10♍51	11°29	11°44	13°32	0° 8	9°52	25°22	25°40	27°24	1°12	1°34	18°18	29°12	S 15
S 16	9 42 11	26°59'26	25°56	13° 5	12°35	14°19	0°13	9°50	25°20	25°41	27°22	1°12	1°31	18°25	29°17	S 16
M17	9 46 7	27°59'52	10♎51	14°38	13°25	15° 6	0°18	9°47	25°17	25°42	27°21	1°12	1°28	18°31	29°22	M17
T 18	9 50 4	29° 0'17	25°28	16° 6	14°15	15°53	0°23	9°45	25°14	25°44	27°19	1°12	1°25	18°38	29°27	T 18
W19	9 54 0	0♓ 0'41	9♏43	17°30	15° 3	16°41	0°28	9°42	25°12	25°45	27°18	1°13	1°22	18°45	29°31	W19
T 20	9 57 57	1° 1'03	23°34	18°48	15°51	17°28	0°33	9°40	25° 9	25°47	27°16	1°13	1°18	18°51	29°36	T 20
F 21	10 1 53	2° 1'24	7♐ 1	20° 1	16°38	18°15	0°38	9°38	25° 6	25°48	27°15	1°13	1°15	18°58	29°40	F 21
S 22	10 5 50	3° 1'44	20° 6	21° 6	17°23	19° 2	0°42	9°36	25° 4	25°50	27°13	1°13	1°12	19° 5	29°45	S 22
S 23	10 9 47	4° 2'02	2♑52	22° 5	18° 8	19°49	0°47	9°34	25° 1	25°51	27°12	1°13	1° 9	19°11	29°50	S 23
M24	10 13 43	5° 2'18	15°21	22°55	18°52	20°36	0°51	9°33	24°59	25°53	27°10	1°13	1° 6	19°18	29°54	M24
T 25	10 17 40	6° 2'33	27°36	23°37	19°35	21°24	0°55	9°31	24°56	25°54	27° 9	1°14	1° 2	19°25	29°59	T 25
W26	10 21 36	7° 2'47	9♒41	24°11	20°16	22°11	0°59	9°29	24°54	25°56	27° 7	1°14	0°59	19°31	0♒ 3	W26
T 27	10 25 33	8° 2'58	21°39	24°35	20°57	22°58	1° 2	9°28	24°51	25°57	27° 6	1°15	0°56	19°38	0° 7	T 27
F 28	10 29 29	9♓ 3'08	3♓31	24♓50	21♈36	23♒45	1♐ 6	9♋27	24♌48	25♈59	27♌ 4	1°R15	0♓53	19♓45	0♒12	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s16	8s36	0n30	17s43	1s57	0n18	0n55	20s37	1s 1	18s56	0n58	22n42	0s21	13n37	0n47	8n13	1s45	23n15	11n45	11s 4	10s40	4s 3	14s 8	6n34
S 2	16 59	3 7	1 34	17 7	1 53	0 48	1 1	20 26	1 2	18 58	0 58	22 43	0 21	13 38	0 47	8 13	1 45	23 16	11 45	11 4	10 41	4 0	14 7	6 35
M 3	16 42	2n28	2 34	16 30	1 50	1 18	1 8	20 16	1 2	19 0	0 58	22 43	0 21	13 39	0 47	8 14	1 45	23 17	11 45	11 4	10 42	3 57	14 6	6 35
T 4	16 24	7 58	3 28	15 51	1 45	1 47	1 15	20 5	1 2	19 1	0 58	22 43	0 21	13 39	0 47	8 14	1 45	23 17	11 45	11 3	10 44	3 53	14 5	6 35
W 5	16 6	13 14	4 13	15 10	1 40	2 17	1 21	19 53	1 2	19 3	0 58	22 44	0 21	13 40	0 47	8 14	1 45	23 18	11 45	11 3	10 45	3 50	14 4	6 35
T 6	15 48	18 5	4 47	14 29	1 35	2 46	1 28	19 42	1 3	19 4	0 58	22 44	0 20	13 41	0 47	8 15	1 44	23 19	11 45	11 2	10 46	3 46	14 3	6 35
F 7	15 29	22 17	5 9	13 46	1 29	3 15	1 35	19 30	1 3	19 5	0 58	22 45	0 20	13 42	0 47	8 15	1 44	23 19	11 46	11 2	10 47	3 43	14 2	6 35
S 8	15 11	25 35	5 17	13 1	1 22	3 44	1 43	19 18	1 3	19 7	0 58	22 45	0 20	13 43	0 47	8 16	1 44	23 20	11 46	11 2	10 48	3 40	14 1	6 35
S 9	14 52	27 39	5 9	12 16	1 14	4 13	1 50	19 6	1 3	19 8	0 58	22 45	0 20	13 44	0 47	8 16	1 44	23 21	11 46	11 3	10 49	3 36	14 0	6 36
M10	14 32	28 12	4 44	11 30	1 6	4 42	1 57	18 54	1 4	19 9	0 58	22 46	0 20	13 45	0 47	8 17	1 44	23 21	11 46	11 3	10 50	3 33	13 58	6 36
T 11	14 13	27 0	4 2	10 43	0 57	5 10	2 5	18 41	1 4	19 10	0 59	22 46	0 20	13 46	0 47	8 17	1 44	23 22	11 46	11 3	10 51	3 30	13 57	6 36
W12	13 53	24 0	3 4	9 55	0 48	5 38	2 12	18 28	1 4	19 12	0 59	22 46	0 20	13 47	0 47	8 18	1 44	23 23	11 46	11 4	10 53	3 26	13 56	6 36
T 13	13 33	19 22	1 51	9 7	0 37	6 6	2 20	18 16	1 4	19 13	0 59	22 47	0 20	13 47	0 47	8 18	1 44	23 23	11 46	11 4	10 54	3 23	13 55	6 36
F 14	13 13	13 27	0 30	8 18	0 26	6 34	2 27	18 2	1 4	19 14	0 59	22 47	0 19	13 48	0 47	8 19	1 44	23 24	11 46	11 4	10 55	3 19	13 54	6 36
S 15	12 53	6 41	0s53	7 30	0 15	7 1	2 35	17 49	1 5	19 15	0 59	22 47	0 19	13 49	0 47	8 19	1 44	23 25	11 46	11 4	10 56	3 16	13 53	6 37
S 16	12 32	0s25	2 13	6 42	0 2	7 29	2 43	17 36	1 5	19 16	0 59	22 48	0 19	13 50	0 47	8 20	1 44	23 25	11 47	11 4	10 57	3 13	13 52	6 37
M17	12 11	7 25	3 23	5 54	0n11	7 55	2 51	17 22	1 5	19 17	0 59	22 48	0 19	13 51	0 47	8 20	1 44	23 26	11 47	11 4	10 58	3 9	13 50	6 37
T 18	11 50	13 52	4 18	5 7	0 24	8 22	2 59	17 8	1 5	19 18	0 59	22 48	0 19	13 52	0 47	8 21	1 44	23 26	11 47	11 4	10 59	3 6	13 49	6 37
W19	11 29	19 25	4 56	4 22	0 38	8 48	3 7	16 54	1 5	19 19	0 59	22 49	0 19	13 53	0 47	8 21	1 44	23 27	11 47	11 4	11 1	3 2	13 48	6 38
T 20	11 8	23 47	5 15	3 38	0 52	9 14	3 15	16 40	1 5	19 20	0 59	22 49	0 19	13 54	0 47	8 22	1 44	23 28	11 47	11 4	11 2	2 59	13 47	6 38
F 21	10 46	26 43	5 16	2 56	1 7	9 40	3 23	16 25	1 5	19 21	1 0	22 49	0 18	13 55	0 47	8 23	1 44	23 28	11 47	11 4	11 3	2 56	13 46	6 38
S 22	10 25	28 7	5 1	2 17	1 22	10 5	3 31	16 11	1 6	19 22	1 0	22 50	0 18	13 55	0 47	8 23	1 44	23 29	11 47	11 4	11 4	2 52	13 45	6 38
S 23	10 3	27 58	4 31	1 40	1 36	10 30	3 39	15 56	1 6	19 22	1 0	22 50	0 18	13 56	0 47	8 24	1 44	23 29	11 47	11 4	11 5	2 49	13 43	6 39
M24	9 41	26 23	3 49	1 7	1 51	10 54	3 48	15 41	1 6	19 23	1 0	22 50	0 18	13 57	0 47	8 24	1 44	23 30	11 47	11 4	11 6	2 46	13 42	6 39
T 25	9 19	23 33	2 56	0 37	2 6	11 19	3 56	15 26	1 6	19 24	1 0	22 50	0 18	13 58	0 47	8 25	1 44	23 30	11 47	11 3	11 7	2 42	13 41	6 39
W26	8 56	19 44	1 57	0 10	2 20	11 42	4 4	15 11	1 6	19 25	1 0	22 51	0 18	13 59	0 47	8 26	1 44	23 31	11 47	11 3	11 8	2 39	13 40	6 39
T 27	8 34	15 9	0 53	0n12	2 33	12 5	4 13	14 56	1 6	19 25	1 0	22 51	0 18	14 0	0 47	8 26	1 43	23 32	11 47	11 3	11 10	2 35	13 39	6 40
F 28	8s11	10s 2	0n13	0n29	2n46	12n28	4n21	14s40	1s 6	19s26	1n 0	22n51	0s18	14n 1	0n47	8n27	1s43	23n32	11n47	11s 3	11s11	2s32	13s37	6n40

Julian Day Number = 2345655.5, Delta T = 11.53 sec
Ecliptic obliquity = 23°28'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'35, Lahiri = 19°48'36Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

MARCH 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 26	10♓ 3'16	15♓19	24°R56	22♈14	24♒33	1♐ 9	9°R25	24°R46	26♈ 1	27°R 3	1°R14	0♓50	19♓51	0♒16	S 1
S 2	10 37 22	11° 3'22	27° 7	24♓52	22°51	25°20	1°12	9♋24	24♌43	26° 3	27♌ 1	1♓14	0°47	19°58	0°20	S 2
M 3	10 41 19	12° 3'26	8♈56	24°40	23°27	26° 7	1°15	9°23	24°41	26° 4	27° 0	1°12	0°43	20° 5	0°25	M 3
T 4	10 45 15	13° 3'28	20°48	24°18	24° 1	26°54	1°18	9°22	24°38	26° 6	26°59	1°11	0°40	20°11	0°29	T 4
W 5	10 49 12	14° 3'28	2♉46	23°49	24°33	27°41	1°20	9°22	24°36	26° 8	26°57	1° 9	0°37	20°18	0°33	W 5
T 6	10 53 9	15° 3'26	14°54	23°12	25° 5	28°29	1°23	9°21	24°34	26°10	26°56	1° 7	0°34	20°25	0°37	T 6
F 7	10 57 5	16° 3'21	27°14	22°29	25°34	29°16	1°25	9°20	24°31	26°11	26°54	1° 5	0°31	20°31	0°41	F 7
S 8	11 1 2	17° 3'15	9♊50	21°40	26° 2	0♓ 3	1°27	9°20	24°29	26°13	26°53	1° 5	0°28	20°38	0°45	S 8
S 9	11 4 58	18° 3'07	22°47	20°48	26°28	0°50	1°29	9°20	24°27	26°15	26°51	1°D 4	0°24	20°44	0°49	S 9
M10	11 8 55	19° 2'56	6♋ 7	19°52	26°53	1°37	1°31	9°19	24°24	26°17	26°50	1° 5	0°21	20°51	0°53	M10
T 11	11 12 51	20° 2'43	19°53	18°55	27°16	2°24	1°32	9°D19	24°22	26°19	26°49	1° 6	0°18	20°58	0°57	T 11
W12	11 16 48	21° 2'27	4♌ 5	17°57	27°37	3°12	1°33	9°19	24°20	26°21	26°47	1° 8	0°15	21° 4	1° 1	W12
T 13	11 20 44	22° 2'10	18°42	17° 1	27°55	3°59	1°34	9°19	24°17	26°23	26°46	1° 9	0°12	21°11	1° 4	T 13
F 14	11 24 41	23° 1'50	3♍39	16° 6	28°12	4°46	1°35	9°20	24°15	26°25	26°45	1°R 9	0° 8	21°18	1° 8	F 14
S 15	11 28 38	24° 1'27	18°51	15°15	28°27	5°33	1°36	9°20	24°13	26°27	26°43	1° 8	0° 5	21°24	1°12	S 15
S 16	11 32 34	25° 1'03	4♎ 6	14°27	28°40	6°20	1°37	9°20	24°11	26°29	26°42	1° 6	0° 2	21°31	1°15	S 16
M17	11 36 31	26° 0'37	19°16	13°44	28°50	7° 7	1°37	9°21	24° 9	26°31	26°41	1° 3	29♒59	21°38	1°19	M17
T 18	11 40 27	27° 0'09	4♏10	13° 7	28°59	7°54	1°R37	9°22	24° 7	26°33	26°39	1° 0	29°56	21°44	1°23	T 18
W19	11 44 24	27°59'39	18°41	12°35	29° 5	8°41	1°37	9°22	24° 5	26°35	26°38	0°56	29°53	21°51	1°26	W19
T 20	11 48 20	28°59'08	2♐45	12° 8	29° 8	9°28	1°37	9°23	24° 3	26°37	26°37	0°53	29°49	21°58	1°29	T 20
F 21	11 52 17	29°58'35	16°21	11°48	29°R10	10°16	1°36	9°24	24° 1	26°39	26°36	0°51	29°46	22° 4	1°33	F 21
S 22	11 56 13	0♈58'00	29°29	11°34	29° 8	11° 3	1°36	9°25	23°59	26°41	26°35	0°D50	29°43	22°11	1°36	S 22
S 23	12 0 10	1°57'23	12♑13	11°25	29° 5	11°50	1°35	9°27	23°57	26°43	26°33	0°51	29°40	22°18	1°39	S 23
M24	12 4 7	2°56'44	24°37	11°D23	28°59	12°37	1°34	9°28	23°55	26°45	26°32	0°52	29°37	22°24	1°42	M24
T 25	12 8 3	3°56'04	6♒46	11°26	28°50	13°24	1°33	9°29	23°53	26°47	26°31	0°54	29°34	22°31	1°46	T 25
W26	12 12 0	4°55'21	18°43	11°35	28°39	14°11	1°32	9°31	23°51	26°49	26°30	0°55	29°30	22°38	1°49	W26
T 27	12 15 56	5°54'37	0♓33	11°49	28°26	14°58	1°30	9°33	23°49	26°51	26°29	0°R56	29°27	22°44	1°52	T 27
F 28	12 19 53	6°53'51	12°20	12° 8	28°10	15°45	1°28	9°34	23°48	26°53	26°28	0°55	29°24	22°51	1°55	F 28
S 29	12 23 49	7°53'03	24° 7	12°32	27°52	16°31	1°26	9°36	23°46	26°56	26°27	0°53	29°21	22°58	1°57	S 29
S 30	12 27 46	8°52'13	5♈57	13° 0	27°31	17°18	1°24	9°38	23°44	26°58	26°26	0°48	29°18	23° 4	2° 0	S 30
M31	12 31 42	9♈51'21	17♈50	13♓33	27♈ 8	18♓ 5	1♐22	9♋40	23♌43	27♈ 0	26♌24	0♓42	29♒14	23♓11	2♒ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s49	4s36	1n17	0n42	2n58	12n50	4n30	14s24	1s 6	19s26	1n 0	22n51	0s17	14n 1	0n47	8n27	1s43	23n33	11n47	11s 3	11s12	2s29	13s36	6n40
S 2	7 26	0n58	2 19	0 51	3 9	13 12	4 38	14 9	1 6	19 27	1 1	22 51	0 17	14 2	0 47	8 28	1 43	23 33	11 47	11 3	11 13	2 25	13 35	6 41
M 3	7 3	6 31	3 14	0 54	3 18	13 33	4 46	13 53	1 7	19 27	1 1	22 52	0 17	14 3	0 47	8 29	1 43	23 34	11 47	11 4	11 14	2 22	13 34	6 41
T 4	6 40	11 52	4 2	0 53	3 26	13 54	4 55	13 36	1 7	19 28	1 1	22 52	0 17	14 4	0 47	8 29	1 43	23 34	11 47	11 4	11 15	2 19	13 33	6 41
W 5	6 17	16 49	4 39	0 47	3 32	14 14	5 3	13 20	1 7	19 28	1 1	22 52	0 17	14 5	0 47	8 30	1 43	23 35	11 47	11 5	11 16	2 15	13 32	6 42
T 6	5 54	21 10	5 4	0 37	3 37	14 33	5 12	13 4	1 7	19 29	1 1	22 52	0 17	14 5	0 47	8 31	1 43	23 35	11 47	11 6	11 17	2 12	13 30	6 42
F 7	5 31	24 41	5 16	0 22	3 39	14 52	5 20	12 47	1 7	19 29	1 1	22 52	0 17	14 6	0 47	8 31	1 43	23 36	11 47	11 6	11 19	2 8	13 29	6 42
S 8	5 7	27 7	5 13	0 3	3 40	15 10	5 28	12 31	1 7	19 29	1 1	22 53	0 16	14 7	0 47	8 32	1 43	23 36	11 47	11 7	11 20	2 5	13 28	6 43
S 9	4 44	28 11	4 54	0s19	3 38	15 27	5 37	12 14	1 7	19 29	1 1	22 53	0 16	14 8	0 47	8 33	1 43	23 36	11 47	11 7	11 21	2 2	13 27	6 43
M10	4 20	27 39	4 19	0 44	3 34	15 44	5 45	11 57	1 7	19 30	1 1	22 53	0 16	14 9	0 47	8 34	1 43	23 37	11 47	11 6	11 22	1 58	13 26	6 43
T 11	3 57	25 27	3 29	1 11	3 29	16 0	5 53	11 40	1 7	19 30	1 2	22 53	0 16	14 9	0 47	8 34	1 43	23 37	11 47	11 6	11 23	1 55	13 25	6 44
W12	3 33	21 36	2 24	1 41	3 22	16 15	6 1	11 23	1 7	19 30	1 2	22 53	0 16	14 10	0 47	8 35	1 43	23 38	11 47	11 5	11 24	1 52	13 23	6 44
T 13	3 10	16 20	1 8	2 11	3 12	16 29	6 9	11 6	1 7	19 30	1 2	22 53	0 16	14 11	0 47	8 36	1 43	23 38	11 46	11 5	11 25	1 48	13 22	6 44
F 14	2 46	9 58	0s14	2 42	3 2	16 42	6 17	10 49	1 7	19 30	1 2	22 53	0 16	14 12	0 47	8 36	1 43	23 39	11 46	11 5	11 26	1 45	13 21	6 45
S 15	2 23	2 57	1 36	3 12	2 50	16 55	6 24	10 32	1 7	19 30	1 2	22 53	0 16	14 12	0 47	8 37	1 43	23 39	11 46	11 5	11 28	1 41	13 20	6 45
S 16	1 59	4s16	2 52	3 43	2 37	17 6	6 32	10 14	1 7	19 30	1 2	22 54	0 15	14 13	0 47	8 38	1 43	23 39	11 46	11 6	11 29	1 38	13 19	6 45
M17	1 35	11 10	3 55	4 12	2 23	17 17	6 39	9 57	1 7	19 30	1 2	22 54	0 15	14 14	0 47	8 39	1 43	23 40	11 46	11 7	11 30	1 35	13 18	6 46
T 18	1 12	17 19	4 41	4 40	2 9	17 26	6 46	9 39	1 7	19 30	1 2	22 54	0 15	14 14	0 47	8 39	1 43	23 40	11 46	11 8	11 31	1 31	13 17	6 46
W19	0 48	22 19	5 7	5 6	1 54	17 35	6 52	9 21	1 7	19 30	1 2	22 54	0 15	14 15	0 47	8 40	1 43	23 40	11 46	11 10	11 32	1 28	13 15	6 47
T 20	0 24	25 52	5 14	5 30	1 39	17 42	6 59	9 4	1 7	19 30	1 2	22 54	0 15	14 16	0 46	8 41	1 43	23 41	11 46	11 11	11 33	1 25	13 14	6 47
F 21	0 1	27 48	5 3	5 52	1 23	17 48	7 5	8 46	1 7	19 30	1 3	22 54	0 15	14 16	0 46	8 42	1 43	23 41	11 46	11 11	11 34	1 21	13 13	6 47
S 22	0n23	28 5	4 36	6 11	1 8	17 53	7 11	8 28	1 7	19 30	1 3	22 54	0 15	14 17	0 46	8 43	1 43	23 41	11 46	11 12	11 35	1 18	13 12	6 48
S 23	0 47	26 50	3 56	6 29	0 53	17 57	7 16	8 10	1 6	19 29	1 3	22 54	0 15	14 17	0 46	8 43	1 43	23 42	11 45	11 12	11 37	1 14	13 11	6 48
M24	1 10	24 17	3 6	6 43	0 38	17 59	7 21	7 52	1 6	19 29	1 3	22 54	0 14	14 18	0 46	8 44	1 43	23 42	11 45	11 11	11 38	1 11	13 10	6 49
T 25	1 34	20 41	2 9	6 56	0 23	18 0	7 25	7 33	1 6	19 29	1 3	22 54	0 14	14 19	0 46	8 45	1 43	23 42	11 45	11 10	11 39	1 8	13 9	6 49
W26	1 58	16 18	1 6	7 5	0 9	18 0	7 29	7 15	1 6	19 28	1 3	22 54	0 14	14 19	0 46	8 46	1 43	23 43	11 45	11 10	11 40	1 4	13 8	6 50
T 27	2 21	11 20	0 2	7 13	0s 4	17 58	7 33	6 57	1 6	19 28	1 3	22 54	0 14	14 20	0 46	8 46	1 43	23 43	11 45	11 10	11 41	1 1	13 7	6 50
F 28	2 45	5 59	1n 2	7 18	0 18	17 55	7 35	6 39	1 6	19 27	1 3	22 54	0 14	14 20	0 46	8 47	1 43	23 43	11 45	11 10	11 42	0 57	13 6	6 50
S 29	3 8	0 27	2 3	7 20	0 30	17 50	7 38	6 20	1 6	19 27	1 3	22 54	0 14	14 21	0 46	8 48	1 43	23 43	11 45	11 11	11 43	0 54	13 5	6 51
S 30	3 31	5n 6	2 59	7 21	0 43	17 44	7 39	6 2	1 6	19 27	1 3	22 54	0 14	14 21	0 46	8 49	1 43	23 43	11 44	11 12	11 44	0 51	13 4	6 51
M31	3n55	10n31	3n47	7s19	0s54	17n36	7n40	5s43	1s 6	19s26	1n 3	22n54	0s14	14n22	0n46	8n50	1s43	23n44	11n44	11s15	11s45	0s47	13s 3	6n52

Julian Day Number = 2345683.5, Delta T = 11.52 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'39, Lahiri = 19°48'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

APRIL 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 39	10♈50'26	29♈50	14♓10	26°R43	18♓52	1°R20	9♋43	23°R41	27♈ 2	26°R23	0°R35	29♒11	23♓18	2♒ 6	T 1
W 2	12 39 36	11°49'30	11♉57	14°50	26♈16	19°39	1♐17	9°45	23♌40	27° 4	26♌23	0♓27	29° 8	23°24	2° 8	W 2
T 3	12 43 32	12°48'32	24°14	15°35	25°47	20°26	1°14	9°47	23°38	27° 7	26°22	0°20	29° 5	23°31	2°11	T 3
F 4	12 47 29	13°47'31	6♊41	16°23	25°16	21°13	1°11	9°50	23°37	27° 9	26°21	0°13	29° 2	23°38	2°13	F 4
S 5	12 51 25	14°46'28	19°22	17°14	24°44	21°59	1° 8	9°52	23°36	27°11	26°20	0° 8	28°59	23°44	2°16	S 5
S 6	12 55 22	15°45'23	2♋19	18° 9	24°10	22°46	1° 5	9°55	23°34	27°13	26°19	0° 6	28°55	23°51	2°18	S 6
M 7	12 59 18	16°44'16	15°34	19° 6	23°34	23°33	1° 1	9°58	23°33	27°15	26°18	0°D 5	28°52	23°58	2°21	M 7
T 8	13 3 15	17°43'06	29°10	20° 6	22°58	24°19	0°58	10° 1	23°32	27°18	26°17	0° 5	28°49	24° 4	2°23	T 8
W 9	13 7 11	18°41'54	13♌ 8	21° 9	22°21	25° 6	0°54	10° 4	23°31	27°20	26°16	0° 6	28°46	24°11	2°25	W 9
T 10	13 11 8	19°40'39	27°29	22°15	21°44	25°53	0°50	10° 7	23°29	27°22	26°15	0°R 7	28°43	24°17	2°27	T 10
F 11	13 15 5	20°39'23	12♍11	23°23	21° 6	26°39	0°45	10°10	23°28	27°24	26°15	0° 6	28°39	24°24	2°29	F 11
S 12	13 19 1	21°38'04	27° 9	24°33	20°28	27°26	0°41	10°14	23°27	27°27	26°14	0° 4	28°36	24°31	2°31	S 12
S 13	13 22 58	22°36'43	12♎15	25°46	19°50	28°12	0°37	10°17	23°26	27°29	26°13	29♒59	28°33	24°37	2°33	S 13
M14	13 26 54	23°35'20	27°22	27° 1	19°13	28°59	0°32	10°20	23°25	27°31	26°13	29°52	28°30	24°44	2°35	M14
T 15	13 30 51	24°33'55	12♏19	28°18	18°36	29°45	0°27	10°24	23°25	27°33	26°12	29°44	28°27	24°51	2°37	T 15
W16	13 34 47	25°32'28	26°56	29°37	18° 0	0♈32	0°22	10°28	23°24	27°36	26°11	29°35	28°24	24°57	2°38	W16
T 17	13 38 44	26°31'00	11♐ 8	0♈59	17°26	1°18	0°17	10°32	23°23	27°38	26°11	29°27	28°20	25° 4	2°40	T 17
F 18	13 42 40	27°29'30	24°52	2°22	16°53	2° 4	0°12	10°35	23°22	27°40	26°10	29°21	28°17	25°11	2°41	F 18
S 19	13 46 37	28°27'58	8♑ 6	3°47	16°21	2°51	0° 7	10°39	23°22	27°42	26° 9	29°17	28°14	25°17	2°43	S 19
S 20	13 50 34	29°26'24	20°54	5°14	15°52	3°37	0° 1	10°43	23°21	27°45	26° 9	29°15	28°11	25°24	2°44	S 20
M21	13 54 30	0♒24'49	3♒20	6°43	15°24	4°23	29♏55	10°48	23°20	27°47	26° 8	29°D14	28° 8	25°31	2°46	M21
T 22	13 58 27	1°23'13	15°28	8°14	14°58	5°10	29°50	10°52	23°20	27°49	26° 8	29°15	28° 5	25°37	2°47	T 22
W23	14 2 23	2°21'35	27°24	9°47	14°34	5°56	29°44	10°56	23°19	27°51	26° 8	29°R16	28° 1	25°44	2°48	W23
T 24	14 6 20	3°19'55	9♓12	11°22	14°13	6°42	29°38	11° 0	23°19	27°54	26° 7	29°15	27°58	25°51	2°49	T 24
F 25	14 10 16	4°18'13	20°59	12°58	13°54	7°28	29°31	11° 5	23°19	27°56	26° 7	29°13	27°55	25°57	2°50	F 25
S 26	14 14 13	5°16'30	2♈47	14°36	13°37	8°14	29°25	11° 9	23°18	27°58	26° 6	29° 8	27°52	26° 4	2°51	S 26
S 27	14 18 9	6°14'45	14°40	16°16	13°22	9° 0	29°19	11°14	23°18	28° 1	26° 6	29° 0	27°49	26°11	2°52	S 27
M28	14 22 6	7°12'59	26°41	17°58	13°10	9°46	29°12	11°19	23°18	28° 3	26° 6	28°50	27°45	26°17	2°53	M28
T 29	14 26 2	8°11'11	8♉52	19°42	13° 1	10°32	29° 6	11°24	23°18	28° 5	26° 5	28°39	27°42	26°24	2°54	T 29
W30	14 29 59	9♉ 9'21	21♉12	21♈27	12♈54	11♈18	28♏59	11♋29	23♌18	28♈ 7	26♌ 5	28♒26	27♒39	26♓31	2♒54	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n18	15n35	4n26	7s15	1s 5	17n27	7n40	5s25	1s 5	19s25	1n 4	22n54	0s13	14n22	0n46	8n50	1s43	23n44	11n44	11s17	11s47	0s44	13s 2	6n52
W 2	4 41	20 5	4 53	7 9	1 16	17 17	7 39	5 6	1 5	19 25	1 4	22 54	0 13	14 23	0 46	8 51	1 43	23 44	11 44	11 20	11 48	0 41	13 1	6 53
T 3	5 4	23 49	5 7	7 0	1 25	17 4	7 38	4 48	1 5	19 24	1 4	22 54	0 13	14 23	0 46	8 52	1 42	23 44	11 44	11 22	11 49	0 37	12 59	6 53
F 4	5 27	26 30	5 7	6 50	1 35	16 51	7 36	4 29	1 5	19 23	1 4	22 54	0 13	14 24	0 46	8 53	1 42	23 44	11 44	11 25	11 50	0 34	12 58	6 54
S 5	5 50	27 54	4 52	6 38	1 43	16 36	7 33	4 10	1 5	19 23	1 4	22 54	0 13	14 24	0 46	8 54	1 42	23 45	11 43	11 26	11 51	0 30	12 58	6 54
S 6	6 13	27 49	4 22	6 24	1 51	16 19	7 29	3 52	1 5	19 22	1 4	22 54	0 13	14 25	0 46	8 54	1 42	23 45	11 43	11 27	11 52	0 27	12 57	6 55
M 7	6 35	26 10	3 37	6 8	1 59	16 2	7 24	3 33	1 4	19 21	1 4	22 54	0 13	14 25	0 46	8 55	1 42	23 45	11 43	11 28	11 53	0 24	12 56	6 55
T 8	6 58	22 57	2 39	5 51	2 6	15 43	7 18	3 14	1 4	19 20	1 4	22 53	0 13	14 25	0 46	8 56	1 42	23 45	11 43	11 28	11 54	0 20	12 55	6 56
W 9	7 20	18 21	1 30	5 32	2 12	15 23	7 12	2 56	1 4	19 20	1 4	22 53	0 12	14 26	0 46	8 57	1 42	23 45	11 43	11 27	11 55	0 17	12 54	6 56
T 10	7 43	12 35	0 14	5 11	2 17	15 2	7 5	2 37	1 4	19 19	1 4	22 53	0 12	14 26	0 46	8 58	1 42	23 45	11 42	11 27	11 57	0 14	12 53	6 57
F 11	8 5	6 1	1s 5	4 49	2 22	14 40	6 56	2 18	1 4	19 18	1 4	22 53	0 12	14 26	0 46	8 58	1 42	23 45	11 42	11 27	11 58	0 10	12 52	6 57
S 12	8 27	1s 0	2 20	4 25	2 27	14 17	6 48	2 0	1 3	19 17	1 4	22 53	0 12	14 27	0 46	8 59	1 42	23 45	11 42	11 28	11 59	0 7	12 51	6 57
S 13	8 49	8 1	3 27	4 0	2 31	13 54	6 38	1 41	1 3	19 16	1 4	22 53	0 12	14 27	0 46	9 0	1 42	23 45	11 42	11 30	12 0	0 4	12 50	6 58
M14	9 10	14 34	4 18	3 33	2 34	13 30	6 28	1 22	1 3	19 15	1 4	22 53	0 12	14 27	0 46	9 1	1 42	23 45	11 41	11 32	12 1	0 0	12 49	6 58
T 15	9 32	20 11	4 52	3 5	2 37	13 6	6 17	1 3	1 3	19 14	1 4	22 53	0 12	14 27	0 46	9 2	1 42	23 45	11 41	11 35	12 2	0n 3	12 48	6 59
W16	9 53	24 27	5 5	2 35	2 39	12 41	6 5	0 45	1 2	19 13	1 4	22 52	0 12	14 28	0 46	9 2	1 42	23 45	11 41	11 38	12 3	0 7	12 47	6 59
T 17	10 15	27 5	5 0	2 4	2 41	12 17	5 53	0 26	1 2	19 12	1 5	22 52	0 12	14 28	0 46	9 3	1 42	23 45	11 41	11 41	12 4	0 10	12 47	7 0
F 18	10 36	27 59	4 36	1 32	2 42	11 53	5 40	0 7	1 2	19 10	1 5	22 52	0 11	14 28	0 46	9 4	1 42	23 45	11 41	11 43	12 5	0 13	12 46	7 1
S 19	10 57	27 12	3 59	0 59	2 42	11 28	5 27	0n12	1 2	19 9	1 5	22 52	0 11	14 28	0 46	9 5	1 42	23 45	11 40	11 45	12 6	0 17	12 45	7 1
S 20	11 18	24 59	3 10	0 24	2 42	11 4	5 14	0 30	1 1	19 8	1 5	22 52	0 11	14 29	0 46	9 6	1 42	23 45	11 40	11 45	12 8	0 20	12 44	7 2
M21	11 38	21 37	2 14	0n12	2 42	10 41	5 0	0 49	1 1	19 7	1 5	22 51	0 11	14 29	0 46	9 7	1 42	23 45	11 40	11 45	12 9	0 23	12 43	7 2
T 22	11 59	17 23	1 13	0 49	2 41	10 18	4 47	1 7	1 1	19 6	1 5	22 51	0 11	14 29	0 45	9 7	1 42	23 45	11 40	11 45	12 10	0 27	12 42	7 3
W23	12 19	12 33	0 10	1 27	2 39	9 56	4 32	1 26	1 0	19 4	1 5	22 51	0 11	14 29	0 45	9 8	1 42	23 45	11 39	11 45	12 11	0 30	12 42	7 3
T 24	12 39	7 19	0n53	2 6	2 37	9 35	4 18	1 45	1 0	19 3	1 5	22 51	0 11	14 29	0 45	9 9	1 42	23 45	11 39	11 45	12 12	0 33	12 41	7 4
F 25	12 59	1 51	1 53	2 46	2 34	9 14	4 4	2 3	1 0	19 2	1 5	22 50	0 11	14 29	0 45	9 10	1 42	23 45	11 39	11 46	12 13	0 37	12 40	7 4
S 26	13 18	3n41	2 49	3 27	2 31	8 54	3 50	2 22	0 59	19 0	1 5	22 50	0 11	14 29	0 45	9 11	1 42	23 45	11 39	11 48	12 14	0 40	12 39	7 5
S 27	13 37	9 7	3 37	4 9	2 27	8 36	3 36	2 40	0 59	18 59	1 5	22 50	0 10	14 29	0 45	9 11	1 42	23 45	11 38	11 50	12 15	0 44	12 39	7 5
M28	13 57	14 17	4 16	4 52	2 22	8 18	3 21	2 59	0 59	18 58	1 5	22 50	0 10	14 29	0 45	9 12	1 42	23 45	11 38	11 54	12 16	0 47	12 38	7 6
T 29	14 16	18 57	4 44	5 36	2 18	8 1	3 7	3 17	0 58	18 56	1 5	22 49	0 10	14 29	0 45	9 13	1 42	23 44	11 38	11 58	12 17	0 50	12 37	7 6
W30	14n34	22n54	4n59	6n20	2s12	7n46	2n53	3n35	0s58	18s55	1n 5	22n49	0s10	14n29	0n45	9n14	1s42	23n44	11n38	12s 2	12s19	0n54	12s37	7n 7

Julian Day Number = 2345714.5, Delta T = 11.50 sec
Ecliptic obliquity = 23°28'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'44, Lahiri = 19°48'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

MAY 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 33 56	10♉ 7'30	3♊44	23♈15	12°R49	12♈ 4	28°R52	11♋34	23°D18	28♈ 9	26°R 5	28°R14	27♒36	26♓37	2♒55	T 1
F 2	14 37 52	11° 5'36	16°26	25° 4	12°D47	12°50	28♏45	11°39	23♌18	28°12	26♌ 5	28♒ 3	27°33	26°44	2°56	F 2
S 3	14 41 49	12° 3'41	29°21	26°55	12♈47	13°36	28°38	11°44	23°18	28°14	26° 5	27°54	27°30	26°51	2°56	S 3
S 4	14 45 45	13° 1'44	12♋27	28°48	12°49	14°21	28°31	11°49	23°18	28°16	26° 4	27°48	27°26	26°57	2°56	S 4
M 5	14 49 42	13°59'46	25°47	0♉43	12°54	15° 7	28°24	11°54	23°18	28°18	26° 4	27°45	27°23	27° 4	2°57	M 5
T 6	14 53 38	14°57'45	9♌22	2°39	13° 1	15°53	28°17	12° 0	23°18	28°20	26° 4	27°44	27°20	27°11	2°57	T 6
W 7	14 57 35	15°55'42	23°13	4°38	13°10	16°38	28°10	12° 5	23°19	28°23	26° 4	27°44	27°17	27°17	2°57	W 7
T 8	15 1 32	16°53'38	7♍20	6°38	13°21	17°24	28° 2	12°10	23°19	28°25	26°D 4	27°44	27°14	27°24	2°57	T 8
F 9	15 5 28	17°51'31	21°44	8°39	13°34	18° 9	27°55	12°16	23°19	28°27	26° 4	27°42	27°11	27°31	2°R57	F 9
S 10	15 9 25	18°49'23	6♎21	10°43	13°49	18°55	27°48	12°22	23°20	28°29	26° 4	27°38	27° 7	27°37	2°57	S 10
S 11	15 13 21	19°47'13	21° 7	12°48	14° 7	19°40	27°40	12°27	23°20	28°31	26° 4	27°32	27° 4	27°44	2°57	S 11
M12	15 17 18	20°45'01	5♏56	14°54	14°26	20°26	27°33	12°33	23°21	28°33	26° 4	27°23	27° 1	27°51	2°57	M12
T 13	15 21 14	21°42'48	20°38	17° 2	14°47	21°11	27°25	12°39	23°21	28°36	26° 5	27°12	26°58	27°57	2°57	T 13
W14	15 25 11	22°40'34	5♐ 6	19°11	15° 9	21°56	27°18	12°45	23°22	28°38	26° 5	27° 0	26°55	28° 4	2°56	W14
T 15	15 29 7	23°38'18	19°14	21°21	15°34	22°41	27°10	12°51	23°23	28°40	26° 5	26°49	26°51	28°11	2°56	T 15
F 16	15 33 4	24°36'01	2♑56	23°32	16° 0	23°27	27° 2	12°57	23°24	28°42	26° 5	26°40	26°48	28°17	2°56	F 16
S 17	15 37 1	25°33'43	16°12	25°43	16°27	24°12	26°55	13° 3	23°24	28°44	26° 5	26°34	26°45	28°24	2°55	S 17
S 18	15 40 57	26°31'24	29° 2	27°54	16°57	24°57	26°47	13° 9	23°25	28°46	26° 6	26°30	26°42	28°31	2°54	S 18
M19	15 44 54	27°29'03	11♒30	0♊ 6	17°27	25°42	26°39	13°15	23°26	28°48	26° 6	26°28	26°39	28°37	2°54	M19
T 20	15 48 50	28°26'42	23°40	2°17	17°59	26°27	26°32	13°21	23°27	28°50	26° 6	26°28	26°36	28°44	2°53	T 20
W21	15 52 47	29°24'19	5♓38	4°28	18°33	27°12	26°24	13°28	23°28	28°52	26° 7	26°28	26°32	28°51	2°52	W21
T 22	15 56 43	0♊21'56	17°28	6°38	19° 7	27°57	26°17	13°34	23°29	28°54	26° 7	26°27	26°29	28°57	2°51	T 22
F 23	16 0 40	1°19'32	29°16	8°47	19°43	28°42	26° 9	13°40	23°30	28°56	26° 8	26°24	26°26	29° 4	2°50	F 23
S 24	16 4 36	2°17'06	11♈ 7	10°55	20°21	29°26	26° 1	13°47	23°32	28°58	26° 8	26°19	26°23	29°11	2°49	S 24
S 25	16 8 33	3°14'40	23° 6	13° 1	20°59	0♉11	25°54	13°53	23°33	29° 0	26° 8	26°12	26°20	29°17	2°48	S 25
M26	16 12 30	4°12'13	5♉15	15° 5	21°38	0°56	25°46	14° 0	23°34	29° 2	26° 9	26° 2	26°17	29°24	2°47	M26
T 27	16 16 26	5° 9'45	17°36	17° 8	22°19	1°40	25°39	14° 7	23°35	29° 4	26° 9	25°50	26°13	29°31	2°46	T 27
W28	16 20 23	6° 7'15	0♊11	19° 8	23° 0	2°25	25°31	14°13	23°37	29° 6	26°10	25°37	26°10	29°37	2°45	W28
T 29	16 24 19	7° 4'45	13° 0	21° 6	23°43	3° 9	25°24	14°20	23°38	29° 8	26°11	25°24	26° 7	29°44	2°43	T 29
F 30	16 28 16	8° 2'14	26° 3	23° 2	24°26	3°54	25°17	14°27	23°40	29° 9	26°11	25°13	26° 4	29°51	2°42	F 30
S 31	16 32 12	8♊59'42	9♋17	24♊55	25♈11	4♉38	25♏ 9	14♋34	23♌41	29♈11	26♌12	25♒ 4	26♒ 1	29♓57	2♒40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n53	25n50	5n 0	7n 5	2s 6	7n31	2n40	3n53	0s58	18s53	1n 5	22n49	0s10	14n29	0n45	9n14	1s42	23n44	11n37	12s 7	12s20	0n57	12s36	7n 7
F 2	15 11	27 32	4 46	7 51	2 0	7 18	2 26	4 12	0 57	18 52	1 5	22 48	0 10	14 29	0 45	9 15	1 43	23 44	11 37	12 10	12 21	1 0	12 35	7 8
S 3	15 29	27 47	4 18	8 38	1 53	7 6	2 13	4 30	0 57	18 50	1 5	22 48	0 10	14 29	0 45	9 16	1 43	23 44	11 37	12 13	12 22	1 4	12 35	7 8
S 4	15 47	26 28	3 35	9 25	1 46	6 55	2 0	4 48	0 57	18 49	1 5	22 48	0 10	14 29	0 45	9 17	1 43	23 44	11 36	12 15	12 23	1 7	12 34	7 9
M 5	16 4	23 39	2 41	10 12	1 38	6 45	1 47	5 6	0 56	18 47	1 5	22 47	0 10	14 29	0 45	9 18	1 43	23 43	11 36	12 16	12 24	1 10	12 34	7 9
T 6	16 21	19 29	1 36	11 0	1 30	6 36	1 35	5 24	0 56	18 46	1 5	22 47	0 9	14 29	0 45	9 18	1 43	23 43	11 36	12 17	12 25	1 14	12 33	7 10
W 7	16 38	14 11	0 24	11 49	1 21	6 28	1 22	5 42	0 55	18 44	1 4	22 46	0 9	14 29	0 45	9 19	1 43	23 43	11 36	12 17	12 26	1 17	12 33	7 10
T 8	16 55	8 3	0s51	12 37	1 12	6 22	1 10	6 0	0 55	18 43	1 4	22 46	0 9	14 29	0 45	9 20	1 43	23 43	11 35	12 17	12 27	1 21	12 32	7 11
F 9	17 11	1 24	2 3	13 25	1 3	6 16	0 59	6 17	0 55	18 41	1 4	22 46	0 9	14 28	0 45	9 21	1 43	23 42	11 35	12 17	12 28	1 24	12 32	7 11
S 10	17 27	5s25	3 9	14 13	0 53	6 11	0 47	6 35	0 54	18 39	1 4	22 45	0 9	14 28	0 45	9 21	1 43	23 42	11 35	12 19	12 29	1 27	12 31	7 12
S 11	17 43	12 0	4 3	15 1	0 43	6 8	0 36	6 53	0 54	18 38	1 4	22 45	0 9	14 28	0 45	9 22	1 43	23 42	11 35	12 21	12 31	1 31	12 31	7 12
M12	17 58	17 55	4 40	15 48	0 33	6 6	0 26	7 10	0 53	18 36	1 4	22 44	0 9	14 28	0 45	9 23	1 43	23 42	11 34	12 24	12 32	1 34	12 30	7 13
T 13	18 13	22 44	4 59	16 35	0 23	6 4	0 15	7 28	0 53	18 35	1 4	22 44	0 9	14 28	0 45	9 24	1 43	23 41	11 34	12 28	12 33	1 37	12 30	7 13
W14	18 28	26 4	4 58	17 21	0 12	6 4	0 5	7 45	0 52	18 33	1 4	22 43	0 9	14 27	0 45	9 24	1 43	23 41	11 34	12 32	12 34	1 41	12 29	7 14
T 15	18 43	27 40	4 38	18 6	0 2	6 4	0s 4	8 2	0 52	18 31	1 4	22 43	0 8	14 27	0 45	9 25	1 43	23 41	11 34	12 36	12 35	1 44	12 29	7 14
F 16	18 57	27 30	4 3	18 50	0n 9	6 5	0 14	8 19	0 52	18 30	1 4	22 43	0 8	14 27	0 45	9 26	1 43	23 40	11 33	12 39	12 36	1 47	12 28	7 15
S 17	19 11	25 44	3 16	19 32	0 19	6 8	0 23	8 36	0 51	18 28	1 4	22 42	0 8	14 26	0 45	9 26	1 43	23 40	11 33	12 41	12 37	1 51	12 28	7 15
S 18	19 25	22 40	2 20	20 13	0 30	6 11	0 32	8 53	0 51	18 26	1 4	22 42	0 8	14 26	0 45	9 27	1 43	23 40	11 33	12 42	12 38	1 54	12 28	7 16
M19	19 38	18 37	1 18	20 51	0 40	6 15	0 40	9 10	0 50	18 25	1 4	22 41	0 8	14 26	0 44	9 28	1 43	23 39	11 32	12 43	12 39	1 57	12 27	7 16
T 20	19 51	13 53	0 15	21 28	0 50	6 19	0 48	9 27	0 50	18 23	1 3	22 41	0 8	14 25	0 44	9 28	1 43	23 39	11 32	12 43	12 40	2 1	12 27	7 17
W21	20 3	8 43	0n48	22 2	0 59	6 25	0 56	9 44	0 49	18 21	1 3	22 40	0 8	14 25	0 44	9 29	1 43	23 39	11 32	12 43	12 41	2 4	12 27	7 17
T 22	20 16	3 17	1 49	22 34	1 8	6 31	1 4	10 0	0 49	18 20	1 3	22 39	0 8	14 25	0 44	9 30	1 43	23 38	11 32	12 43	12 42	2 7	12 26	7 18
F 23	20 28	2n13	2 44	23 4	1 17	6 38	1 11	10 17	0 48	18 18	1 3	22 39	0 8	14 24	0 44	9 31	1 43	23 38	11 31	12 44	12 44	2 11	12 26	7 18
S 24	20 39	7 40	3 33	23 31	1 25	6 45	1 18	10 33	0 48	18 16	1 3	22 38	0 8	14 24	0 44	9 31	1 43	23 37	11 31	12 46	12 45	2 14	12 26	7 19
S 25	20 50	12 54	4 13	23 55	1 32	6 53	1 25	10 49	0 47	18 15	1 3	22 38	0 7	14 23	0 44	9 32	1 43	23 37	11 31	12 48	12 46	2 17	12 26	7 19
M26	21 1	17 42	4 41	24 17	1 39	7 2	1 31	11 5	0 47	18 13	1 3	22 37	0 7	14 23	0 44	9 32	1 43	23 36	11 31	12 52	12 47	2 21	12 26	7 20
T 27	21 12	21 52	4 57	24 36	1 45	7 12	1 38	11 21	0 46	18 11	1 3	22 37	0 7	14 22	0 44	9 33	1 43	23 36	11 30	12 56	12 48	2 24	12 25	7 20
W28	21 22	25 6	4 59	24 52	1 50	7 21	1 43	11 37	0 46	18 10	1 3	22 36	0 7	14 22	0 44	9 34	1 43	23 36	11 30	13 0	12 49	2 27	12 25	7 21
T 29	21 32	27 8	4 47	25 6	1 55	7 32	1 49	11 53	0 45	18 8	1 2	22 35	0 7	14 21	0 44	9 34	1 43	23 35	11 30	13 4	12 50	2 31	12 25	7 21
F 30	21 41	27 44	4 19	25 17	1 59	7 43	1 55	12 8	0 45	18 6	1 2	22 35	0 7	14 21	0 44	9 35	1 43	23 35	11 29	13 8	12 51	2 34	12 25	7 22
S 31	21n50	26n45	3n36	25n25	2n 2	7n54	2s 0	12n24	0s44	18s 5	1n 2	22n34	0s 7	14n20	0n44	9n36	1s43	23n34	11n29	13s11	12s52	2n37	12s25	7n22

Julian Day Number = 2345744.5, Delta T = 11.49 sec
Ecliptic obliquity = 23°28'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'48, Lahiri = 19°48'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

JUNE 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 9	9♊57'09	22♋43	26♊46	25♈56	5♉23	25°R 2	14♋40	23♌43	29♈13	26♌13	24°R58	25♒57	0♈ 4	2°R39	S 1
M 2	16 40 5	10°54'35	6♌19	28°34	26°42	6° 7	24♏55	14°47	23°45	29°15	26°13	24♒55	25°54	0°11	2♒37	M 2
T 3	16 44 2	11°51'59	20° 4	0♋20	27°29	6°51	24°48	14°54	23°46	29°17	26°14	24°D54	25°51	0°17	2°35	T 3
W 4	16 47 59	12°49'23	3♍58	2° 3	28°17	7°35	24°41	15° 1	23°48	29°19	26°15	24°54	25°48	0°24	2°34	W 4
T 5	16 51 55	13°46'45	18° 2	3°44	29° 5	8°19	24°34	15° 8	23°50	29°20	26°16	24°R54	25°45	0°31	2°32	T 5
F 6	16 55 52	14°44'06	2♎14	5°21	29°54	9° 3	24°27	15°15	23°52	29°22	26°16	24°53	25°42	0°37	2°30	F 6
S 7	16 59 48	15°41'25	16°33	6°57	0♉44	9°47	24°21	15°23	23°53	29°24	26°17	24°49	25°38	0°44	2°28	S 7
S 8	17 3 45	16°38'44	0♏56	8°29	1°34	10°31	24°14	15°30	23°55	29°25	26°18	24°44	25°35	0°51	2°26	S 8
M 9	17 7 41	17°36'02	15°19	9°59	2°25	11°15	24° 7	15°37	23°57	29°27	26°19	24°36	25°32	0°57	2°24	M 9
T 10	17 11 38	18°33'20	29°37	11°26	3°17	11°59	24° 1	15°44	23°59	29°29	26°20	24°26	25°29	1° 4	2°22	T 10
W11	17 15 34	19°30'36	13♐43	12°50	4°10	12°43	23°55	15°51	24° 1	29°30	26°21	24°16	25°26	1°11	2°20	W11
T 12	17 19 31	20°27'52	27°33	14°11	5° 2	13°26	23°49	15°59	24° 3	29°32	26°22	24° 7	25°23	1°17	2°18	T 12
F 13	17 23 28	21°25'07	11♑ 3	15°29	5°56	14°10	23°43	16° 6	24° 6	29°33	26°23	23°58	25°19	1°24	2°15	F 13
S 14	17 27 24	22°22'22	24°12	16°45	6°50	14°54	23°37	16°13	24° 8	29°35	26°24	23°53	25°16	1°31	2°13	S 14
S 15	17 31 21	23°19'37	6♒58	17°58	7°45	15°37	23°31	16°21	24°10	29°36	26°25	23°49	25°13	1°37	2°11	S 15
M16	17 35 17	24°16'51	19°25	19° 7	8°40	16°21	23°25	16°28	24°12	29°38	26°26	23°D48	25°10	1°44	2° 8	M16
T 17	17 39 14	25°14'05	1♓36	20°14	9°35	17° 4	23°19	16°35	24°15	29°39	26°27	23°48	25° 7	1°51	2° 6	T 17
W18	17 43 10	26°11'18	13°34	21°17	10°31	17°47	23°14	16°43	24°17	29°41	26°28	23°49	25° 3	1°57	2° 3	W18
T 19	17 47 7	27° 8'32	25°26	22°17	11°28	18°31	23° 9	16°50	24°19	29°42	26°29	23°R49	25° 0	2° 4	2° 1	T 19
F 20	17 51 3	28° 5'45	7♈16	23°14	12°25	19°14	23° 4	16°58	24°22	29°44	26°31	23°49	24°57	2°11	1°58	F 20
S 21	17 55 0	29° 2'58	19°10	24° 7	13°22	19°57	22°59	17° 5	24°24	29°45	26°32	23°46	24°54	2°17	1°55	S 21
S 22	17 58 57	0♋ 0'12	1♉12	24°57	14°20	20°40	22°54	17°13	24°27	29°46	26°33	23°42	24°51	2°24	1°53	S 22
M23	18 2 53	0°57'25	13°26	25°43	15°18	21°23	22°49	17°21	24°29	29°48	26°34	23°36	24°48	2°31	1°50	M23
T 24	18 6 50	1°54'38	25°56	26°26	16°17	22° 6	22°44	17°28	24°32	29°49	26°36	23°28	24°44	2°38	1°47	T 24
W25	18 10 46	2°51'51	8♊43	27° 5	17°16	22°49	22°40	17°36	24°34	29°50	26°37	23°20	24°41	2°44	1°44	W25
T 26	18 14 43	3°49'05	21°48	27°39	18°15	23°32	22°36	17°43	24°37	29°51	26°38	23°11	24°38	2°51	1°41	T 26
F 27	18 18 39	4°46'18	5♋10	28°10	19°14	24°14	22°32	17°51	24°40	29°53	26°40	23° 3	24°35	2°58	1°38	F 27
S 28	18 22 36	5°43'31	18°47	28°36	20°14	24°57	22°28	17°59	24°42	29°54	26°41	22°57	24°32	3° 4	1°35	S 28
S 29	18 26 33	6°40'44	2♌37	28°58	21°15	25°40	22°24	18° 6	24°45	29°55	26°42	22°54	24°29	3°11	1°32	S 29
M30	18 30 29	7♋37'56	16♌36	29♋16	22♉15	26♉22	22♏20	18♋14	24♌48	29♈56	26♌44	22°D52	24♒25	3♈18	1♒29	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n59	24n13	2n42	25n31	2n 5	8n 6	2s 5	12n39	0s43	18s 3	1n 2	22n33	0s 7	14n20	0n44	9n36	1s43	23n34	11n29	13s13	12s53	2n41	12s25	7n23
M 2	22 7	20 17	1 37	25 34	2 6	8 18	2 9	12 54	0 43	18 2	1 2	22 33	0 7	14 19	0 44	9 37	1 43	23 33	11 29	13 14	12 54	2 44	12 25	7 23
T 3	22 15	15 13	0 26	25 36	2 7	8 31	2 14	13 9	0 42	18 0	1 2	22 32	0 7	14 19	0 44	9 37	1 43	23 33	11 28	13 15	12 55	2 47	12 25	7 23
W 4	22 22	9 19	0s48	25 35	2 7	8 44	2 18	13 24	0 42	17 59	1 1	22 31	0 7	14 18	0 44	9 38	1 43	23 32	11 28	13 15	12 56	2 51	12 25	7 24
T 5	22 30	2 54	2 0	25 32	2 6	8 57	2 22	13 39	0 41	17 57	1 1	22 31	0 6	14 17	0 44	9 39	1 43	23 32	11 28	13 15	12 58	2 54	12 25	7 24
F 6	22 36	3s43	3 5	25 27	2 5	9 11	2 26	13 54	0 41	17 56	1 1	22 30	0 6	14 17	0 44	9 39	1 44	23 31	11 28	13 15	12 59	2 57	12 25	7 25
S 7	22 43	10 11	3 58	25 20	2 3	9 25	2 30	14 8	0 40	17 54	1 1	22 29	0 6	14 16	0 44	9 40	1 44	23 31	11 27	13 16	13 0	3 1	12 25	7 25
S 8	22 48	16 9	4 37	25 12	2 0	9 39	2 33	14 23	0 39	17 53	1 1	22 29	0 6	14 15	0 44	9 40	1 44	23 30	11 27	13 18	13 1	3 4	12 25	7 26
M 9	22 54	21 13	4 59	25 2	1 56	9 53	2 36	14 37	0 39	17 51	1 1	22 28	0 6	14 15	0 44	9 41	1 44	23 30	11 27	13 21	13 2	3 7	12 25	7 26
T 10	22 59	25 0	5 2	24 51	1 52	10 8	2 39	14 51	0 38	17 50	1 0	22 27	0 6	14 14	0 44	9 41	1 44	23 29	11 27	13 24	13 3	3 11	12 25	7 26
W11	23 4	27 13	4 46	24 38	1 47	10 23	2 42	15 5	0 38	17 49	1 0	22 26	0 6	14 13	0 44	9 42	1 44	23 28	11 26	13 27	13 4	3 14	12 25	7 27
T 12	23 8	27 41	4 13	24 24	1 41	10 38	2 44	15 19	0 37	17 47	1 0	22 26	0 6	14 13	0 44	9 42	1 44	23 28	11 26	13 30	13 5	3 17	12 25	7 27
F 13	23 12	26 28	3 27	24 9	1 34	10 54	2 47	15 32	0 36	17 46	1 0	22 25	0 6	14 12	0 44	9 43	1 44	23 27	11 26	13 33	13 6	3 21	12 25	7 27
S 14	23 16	23 47	2 31	23 52	1 27	11 9	2 49	15 46	0 36	17 45	1 0	22 24	0 6	14 11	0 44	9 43	1 44	23 27	11 26	13 35	13 7	3 24	12 25	7 28
S 15	23 19	19 59	1 29	23 35	1 20	11 25	2 51	15 59	0 35	17 43	0 59	22 23	0 5	14 10	0 44	9 44	1 44	23 26	11 26	13 36	13 8	3 27	12 25	7 28
M16	23 21	15 24	0 23	23 17	1 11	11 41	2 53	16 12	0 35	17 42	0 59	22 22	0 5	14 10	0 43	9 44	1 44	23 26	11 25	13 37	13 9	3 30	12 26	7 29
T 17	23 24	10 17	0n42	22 59	1 2	11 57	2 54	16 25	0 34	17 41	0 59	22 22	0 5	14 9	0 43	9 45	1 44	23 25	11 25	13 37	13 10	3 34	12 26	7 29
W18	23 25	4 52	1 44	22 39	0 52	12 13	2 56	16 38	0 33	17 40	0 59	22 21	0 5	14 8	0 43	9 45	1 44	23 24	11 25	13 36	13 11	3 37	12 26	7 29
T 19	23 27	0n39	2 41	22 20	0 42	12 29	2 57	16 50	0 33	17 39	0 59	22 20	0 5	14 7	0 43	9 46	1 44	23 24	11 25	13 36	13 12	3 40	12 26	7 30
F 20	23 28	6 7	3 31	21 59	0 31	12 45	2 58	17 3	0 32	17 38	0 58	22 19	0 5	14 6	0 43	9 46	1 44	23 23	11 24	13 36	13 14	3 44	12 26	7 30
S 21	23 29	11 24	4 13	21 39	0 20	13 2	2 59	17 15	0 31	17 37	0 58	22 18	0 5	14 5	0 43	9 47	1 44	23 22	11 24	13 37	13 15	3 47	12 27	7 30
S 22	23 29	16 20	4 43	21 18	0 8	13 18	3 0	17 27	0 31	17 36	0 58	22 17	0 5	14 5	0 43	9 47	1 44	23 22	11 24	13 38	13 16	3 50	12 27	7 30
M23	23 29	20 41	5 2	20 58	0s 5	13 34	3 1	17 39	0 30	17 35	0 58	22 16	0 5	14 4	0 43	9 47	1 44	23 21	11 24	13 41	13 17	3 54	12 27	7 31
T 24	23 28	24 13	5 6	20 37	0 18	13 50	3 1	17 51	0 29	17 34	0 57	22 16	0 5	14 3	0 43	9 48	1 44	23 21	11 24	13 43	13 18	3 57	12 28	7 31
W25	23 27	26 39	4 56	20 16	0 31	14 6	3 2	18 3	0 29	17 33	0 57	22 15	0 5	14 2	0 43	9 48	1 44	23 20	11 23	13 46	13 19	4 0	12 28	7 31
T 26	23 25	27 42	4 30	19 56	0 45	14 23	3 2	18 14	0 28	17 32	0 57	22 14	0 5	14 1	0 43	9 49	1 44	23 19	11 23	13 49	13 20	4 4	12 28	7 32
F 27	23 24	27 11	3 48	19 36	0 59	14 39	3 2	18 25	0 27	17 31	0 57	22 13	0 4	14 0	0 43	9 49	1 45	23 19	11 23	13 51	13 21	4 7	12 29	7 32
S 28	23 21	25 1	2 53	19 16	1 14	14 55	3 2	18 36	0 27	17 30	0 57	22 12	0 4	13 59	0 43	9 49	1 45	23 18	11 23	13 53	13 22	4 10	12 29	7 32
S 29	23 19	21 21	1 47	18 57	1 29	15 10	3 2	18 47	0 26	17 30	0 56	22 11	0 4	13 58	0 43	9 50	1 45	23 17	11 23	13 54	13 23	4 13	12 29	7 32
M30	23n16	16n25	0n34	18n39	1s44	15n26	3s 2	18n58	0s25	17s29	0n56	22n10	0s 4	13n57	0n43	9n50	1s45	23n17	11n22	13s55	13s24	4n17	12s30	7n33

Julian Day Number = 2345775.5, Delta T = 11.47 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'52, Lahiri = 19°48'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

JULY 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 26	8♋35'09	0♍42	29♋29	23♉16	27♉ 5	22°R17	18♋22	24♎51	29♈57	26♎45	22♒52	24♒22	3♈24	1°R26	T 1
W 2	18 38 22	9°32'21	14°51	29°38	24°17	27°47	22♏14	18°30	24°54	29°58	26°47	22°53	24°19	3°31	1♒23	W 2
T 3	18 42 19	10°29'33	29° 3	29°R41	25°19	28°29	22°11	18°37	24°57	29°59	26°48	22°54	24°16	3°38	1°20	T 3
F 4	18 46 15	11°26'44	13♎14	29°40	26°21	29°12	22° 8	18°45	25° 0	0♉ 0	26°49	22°R55	24°13	3°44	1°17	F 4
S 5	18 50 12	12°23'56	27°23	29°35	27°23	29°54	22° 5	18°53	25° 3	0° 1	26°51	22°54	24° 9	3°51	1°14	S 5
S 6	18 54 8	13°21'07	11♏29	29°24	28°25	0♊36	22° 2	19° 1	25° 6	0° 2	26°52	22°51	24° 6	3°58	1°11	S 6
M 7	18 58 5	14°18'19	25°29	29°10	29°27	1°18	22° 0	19° 8	25° 9	0° 3	26°54	22°47	24° 3	4° 4	1° 7	M 7
T 8	19 2 2	15°15'30	9♐20	28°50	0♊30	2° 0	21°58	19°16	25°12	0° 4	26°56	22°42	24° 0	4°11	1° 4	T 8
W 9	19 5 58	16°12'42	22°59	28°27	1°33	2°42	21°56	19°24	25°15	0° 5	26°57	22°36	23°57	4°18	1° 1	W 9
T 10	19 9 55	17° 9'53	6♑25	27°59	2°36	3°24	21°54	19°32	25°18	0° 6	26°59	22°30	23°54	4°24	0°57	T 10
F 11	19 13 51	18° 7'05	19°35	27°28	3°40	4° 6	21°52	19°40	25°21	0° 6	27° 0	22°26	23°50	4°31	0°54	F 11
S 12	19 17 48	19° 4'17	2♒27	26°54	4°44	4°47	21°51	19°47	25°24	0° 7	27° 2	22°23	23°47	4°38	0°51	S 12
S 13	19 21 44	20° 1'30	15° 4	26°18	5°48	5°29	21°50	19°55	25°27	0° 8	27° 4	22°21	23°44	4°44	0°47	S 13
M14	19 25 41	20°58'43	27°24	25°39	6°52	6°10	21°48	20° 3	25°31	0° 9	27° 5	22°D21	23°41	4°51	0°44	M14
T 15	19 29 37	21°55'57	9♓32	24°59	7°56	6°52	21°47	20°11	25°34	0° 9	27° 7	22°22	23°38	4°58	0°41	T 15
W16	19 33 34	22°53'11	21°29	24°17	9° 1	7°33	21°47	20°19	25°37	0°10	27° 9	22°24	23°35	5° 4	0°37	W16
T 17	19 37 31	23°50'26	3♈21	23°36	10° 6	8°15	21°46	20°26	25°40	0°10	27°10	22°25	23°31	5°11	0°34	T 17
F 18	19 41 27	24°47'42	15°12	22°56	11°11	8°56	21°46	20°34	25°44	0°11	27°12	22°26	23°28	5°18	0°30	F 18
S 19	19 45 24	25°44'58	27° 6	22°17	12°16	9°37	21°45	20°42	25°47	0°12	27°14	22°R27	23°25	5°24	0°27	S 19
S 20	19 49 20	26°42'16	9♉ 9	21°40	13°21	10°18	21°D45	20°50	25°51	0°12	27°16	22°26	23°22	5°31	0°24	S 20
M21	19 53 17	27°39'34	21°25	21° 6	14°27	10°59	21°46	20°57	25°54	0°12	27°17	22°24	23°19	5°38	0°20	M21
T 22	19 57 13	28°36'54	3♊57	20°35	15°33	11°40	21°46	21° 5	25°57	0°13	27°19	22°22	23°15	5°45	0°17	T 22
W23	20 1 10	29°34'14	16°50	20° 8	16°39	12°21	21°46	21°13	26° 1	0°13	27°21	22°19	23°12	5°51	0°13	W23
T 24	20 5 6	0♌31'36	0♋ 4	19°46	17°45	13° 2	21°47	21°21	26° 4	0°14	27°23	22°15	23° 9	5°58	0°10	T 24
F 25	20 9 3	1°28'58	13°41	19°29	18°51	13°43	21°48	21°28	26° 8	0°14	27°25	22°12	23° 6	6° 5	0° 6	F 25
S 26	20 13 0	2°26'21	27°37	19°17	19°58	14°24	21°49	21°36	26°11	0°14	27°26	22°10	23° 3	6°11	0° 3	S 26
S 27	20 16 56	3°23'45	11♌50	19°D11	21° 4	15° 4	21°50	21°44	26°15	0°15	27°28	22° 9	23° 0	6°18	29♑59	S 27
M28	20 20 53	4°21'09	26°15	19°11	22°11	15°45	21°52	21°51	26°18	0°15	27°30	22°D 9	22°56	6°25	29°56	M28
T 29	20 24 49	5°18'35	10♍46	19°17	23°18	16°25	21°53	21°59	26°22	0°15	27°32	22° 9	22°53	6°31	29°53	T 29
W30	20 28 46	6°16'01	25°19	19°30	24°25	17° 6	21°55	22° 7	26°25	0°15	27°34	22°11	22°50	6°38	29°49	W30
T 31	20 32 42	7♌13'27	9♎48	19♋49	25♊32	17♊46	21♏57	22♋14	26♌29	0♉15	27♌36	22♒12	22♒47	6♈45	29♑46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n12	10n35	0s42	18n21	1s59	15n42	3s 1	19n 8	0s25	17s28	0n56	22n 9	0s 4	13n56	0n43	9n50	1s45	23n16	11n22	13s55	13s25	4n20	12s30	7n33
W 2	23 8	4 11	1 56	18 5	2 14	15 57	3 1	19 19	0 24	17 28	0 56	22 8	0 4	13 55	0 43	9 51	1 45	23 15	11 22	13 55	13 26	4 23	12 31	7 33
T 3	23 4	2s25	3 3	17 49	2 29	16 13	3 0	19 29	0 23	17 27	0 55	22 7	0 4	13 54	0 43	9 51	1 45	23 15	11 22	13 54	13 27	4 27	12 31	7 33
F 4	22 59	8 54	3 59	17 34	2 45	16 28	2 59	19 39	0 22	17 27	0 55	22 6	0 4	13 53	0 43	9 51	1 45	23 14	11 22	13 54	13 28	4 30	12 32	7 33
S 5	22 54	14 55	4 40	17 21	3 0	16 43	2 58	19 49	0 22	17 26	0 55	22 5	0 4	13 52	0 43	9 52	1 45	23 13	11 22	13 54	13 29	4 33	12 32	7 34
S 6	22 48	20 7	5 4	17 8	3 14	16 58	2 57	19 58	0 21	17 26	0 55	22 4	0 4	13 51	0 43	9 52	1 45	23 12	11 21	13 55	13 31	4 36	12 33	7 34
M 7	22 43	24 10	5 10	16 57	3 29	17 12	2 56	20 7	0 20	17 25	0 54	22 3	0 4	13 50	0 43	9 52	1 45	23 12	11 21	13 57	13 32	4 40	12 33	7 34
T 8	22 36	26 47	4 57	16 48	3 42	17 27	2 55	20 17	0 19	17 25	0 54	22 2	0 3	13 49	0 43	9 52	1 45	23 11	11 21	13 58	13 33	4 43	12 34	7 34
W 9	22 30	27 45	4 28	16 40	3 55	17 41	2 53	20 26	0 19	17 25	0 54	22 1	0 3	13 48	0 43	9 53	1 45	23 10	11 21	14 0	13 34	4 46	12 34	7 34
T 10	22 22	27 3	3 44	16 34	4 7	17 54	2 52	20 34	0 18	17 24	0 54	22 0	0 3	13 47	0 43	9 53	1 45	23 10	11 21	14 2	13 35	4 50	12 35	7 34
F 11	22 15	24 50	2 49	16 29	4 18	18 8	2 50	20 43	0 17	17 24	0 53	21 59	0 3	13 46	0 43	9 53	1 45	23 9	11 21	14 4	13 36	4 53	12 35	7 34
S 12	22 7	21 22	1 47	16 26	4 28	18 21	2 49	20 51	0 17	17 24	0 53	21 58	0 3	13 45	0 43	9 53	1 45	23 8	11 21	14 5	13 37	4 56	12 36	7 35
S 13	21 59	16 59	0 40	16 24	4 36	18 34	2 47	21 0	0 16	17 24	0 53	21 57	0 3	13 44	0 43	9 53	1 45	23 8	11 20	14 5	13 38	4 59	12 37	7 35
M14	21 50	11 58	0n28	16 24	4 44	18 47	2 45	21 8	0 15	17 24	0 53	21 56	0 3	13 43	0 43	9 54	1 46	23 7	11 20	14 5	13 39	5 3	12 37	7 35
T 15	21 41	6 35	1 33	16 26	4 49	18 59	2 43	21 15	0 14	17 24	0 52	21 55	0 3	13 41	0 43	9 54	1 46	23 6	11 20	14 5	13 40	5 6	12 38	7 35
W16	21 32	1 2	2 33	16 29	4 53	19 11	2 41	21 23	0 13	17 24	0 52	21 54	0 3	13 40	0 43	9 54	1 46	23 5	11 20	14 4	13 41	5 9	12 38	7 35
T 17	21 22	4n29	3 26	16 34	4 55	19 23	2 39	21 31	0 13	17 24	0 52	21 53	0 3	13 39	0 43	9 54	1 46	23 5	11 20	14 4	13 42	5 12	12 39	7 35
F 18	21 12	9 50	4 10	16 40	4 56	19 34	2 37	21 38	0 12	17 24	0 52	21 52	0 3	13 38	0 43	9 54	1 46	23 4	11 20	14 3	13 43	5 16	12 40	7 35
S 19	21 2	14 52	4 44	16 47	4 55	19 45	2 34	21 45	0 11	17 24	0 51	21 50	0 2	13 37	0 43	9 54	1 46	23 3	11 20	14 3	13 44	5 19	12 40	7 35
S 20	20 51	19 24	5 6	16 56	4 52	19 56	2 32	21 52	0 10	17 25	0 51	21 49	0 2	13 36	0 43	9 54	1 46	23 3	11 20	14 3	13 45	5 22	12 41	7 35
M21	20 40	23 12	5 14	17 5	4 47	20 6	2 29	21 58	0 10	17 25	0 51	21 48	0 2	13 35	0 43	9 55	1 46	23 2	11 20	14 4	13 46	5 25	12 42	7 35
T 22	20 28	26 1	5 8	17 16	4 41	20 15	2 27	22 5	0 9	17 25	0 51	21 47	0 2	13 33	0 43	9 55	1 46	23 1	11 19	14 5	13 47	5 29	12 42	7 35
W23	20 16	27 34	4 46	17 27	4 33	20 25	2 24	22 11	0 8	17 26	0 50	21 46	0 2	13 32	0 43	9 55	1 46	23 0	11 19	14 6	13 48	5 32	12 43	7 35
T 24	20 4	27 37	4 9	17 40	4 24	20 34	2 22	22 17	0 7	17 26	0 50	21 45	0 2	13 31	0 43	9 55	1 46	23 0	11 19	14 7	13 49	5 35	12 44	7 35
F 25	19 52	26 2	3 16	17 52	4 14	20 42	2 19	22 23	0 6	17 26	0 50	21 44	0 2	13 30	0 43	9 55	1 46	22 59	11 19	14 8	13 50	5 38	12 45	7 35
S 26	19 39	22 49	2 11	18 5	4 2	20 50	2 16	22 28	0 6	17 27	0 50	21 43	0 2	13 29	0 43	9 55	1 46	22 58	11 19	14 9	13 51	5 42	12 45	7 35
S 27	19 26	18 11	0 57	18 19	3 50	20 58	2 13	22 34	0 5	17 28	0 49	21 42	0 2	13 27	0 43	9 55	1 46	22 58	11 19	14 9	13 53	5 45	12 46	7 35
M28	19 12	12 26	0s23	18 32	3 36	21 5	2 11	22 39	0 4	17 28	0 49	21 40	0 2	13 26	0 43	9 55	1 46	22 57	11 19	14 9	13 54	5 48	12 47	7 35
T 29	18 58	5 59	1 41	18 45	3 22	21 11	2 8	22 44	0 3	17 29	0 49	21 39	0 2	13 25	0 43	9 55	1 46	22 56	11 19	14 9	13 55	5 51	12 48	7 35
W30	18 44	0s47	2 53	18 58	3 7	21 17	2 5	22 49	0 2	17 29	0 49	21 38	0 2	13 24	0 43	9 55	1 47	22 55	11 19	14 9	13 56	5 55	12 48	7 35
T 31	18n30	7s28	3s54	19n11	2s52	21n23	2s 2	22n53	0s 2	17s30	0n49	21n37	0s 1	13n23	0n43	9n55	1s47	22n55	11n19	14s 8	13s57	5n58	12s49	7n35

Julian Day Number = 2345805.5, Delta T = 11.45 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°41'56, Lahiri = 19°48'56Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

AUGUST 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 36 39	8♌10'55	24♎ 9	20♋15	26♊40	18♊26	21♏59	22♋22	26♌33	0♉15	27♌38	22♒12	22♒44	6♈51	29°R42	F 1
S 2	20 40 35	9° 8'23	8♏20	20°47	27°47	19° 6	22° 2	22°30	26°36	0°15	27°40	22°R13	22°41	6°58	29♑39	S 2
S 3	20 44 32	10° 5'52	22°18	21°25	28°55	19°46	22° 4	22°37	26°40	0°16	27°41	22°13	22°37	7° 5	29°36	S 3
M 4	20 48 29	11° 3'22	6♐ 2	22°10	0♋ 2	20°26	22° 7	22°45	26°43	0°R16	27°43	22°12	22°34	7°11	29°32	M 4
T 5	20 52 25	12° 0'52	19°32	23° 2	1°10	21° 6	22°10	22°52	26°47	0°16	27°45	22°11	22°31	7°18	29°29	T 5
W 6	20 56 22	12°58'24	2♑47	23°59	2°18	21°46	22°13	23° 0	26°51	0°15	27°47	22° 9	22°28	7°25	29°26	W 6
T 7	21 0 18	13°55'56	15°48	25° 3	3°27	22°26	22°16	23° 7	26°54	0°15	27°49	22° 8	22°25	7°31	29°22	T 7
F 8	21 4 15	14°53'29	28°36	26°13	4°35	23° 5	22°19	23°15	26°58	0°15	27°51	22° 8	22°21	7°38	29°19	F 8
S 9	21 8 11	15°51'04	11♒10	27°28	5°43	23°45	22°23	23°22	27° 2	0°15	27°53	22° 7	22°18	7°45	29°16	S 9
S 10	21 12 8	16°48'39	23°32	28°49	6°52	24°24	22°26	23°30	27° 6	0°15	27°55	22°D 7	22°15	7°52	29°13	S 10
M11	21 16 5	17°46'16	5♓42	0♌15	8° 1	25° 4	22°30	23°37	27° 9	0°15	27°57	22° 7	22°12	7°58	29° 9	M11
T 12	21 20 1	18°43'54	17°44	1°46	9°10	25°43	22°34	23°44	27°13	0°14	27°59	22° 7	22° 9	8° 5	29° 6	T 12
W13	21 23 58	19°41'33	29°39	3°21	10°19	26°22	22°38	23°52	27°17	0°14	28° 1	22° 8	22° 6	8°12	29° 3	W13
T 14	21 27 54	20°39'14	11♈30	5° 1	11°28	27° 1	22°43	23°59	27°20	0°14	28° 3	22° 8	22° 2	8°18	29° 0	T 14
F 15	21 31 51	21°36'57	23°20	6°44	12°37	27°41	22°47	24° 6	27°24	0°13	28° 5	22° 8	21°59	8°25	28°57	F 15
S 16	21 35 47	22°34'41	5♉14	8°31	13°46	28°19	22°52	24°13	27°28	0°13	28° 7	22°R 8	21°56	8°32	28°54	S 16
S 17	21 39 44	23°32'27	17°16	10°20	14°56	28°58	22°57	24°20	27°32	0°13	28° 9	22° 8	21°53	8°38	28°51	S 17
M18	21 43 40	24°30'15	29°29	12°12	16° 5	29°37	23° 2	24°28	27°35	0°12	28°11	22°D 8	21°50	8°45	28°48	M18
T 19	21 47 37	25°28'04	12♊ 0	14° 7	17°15	0♋16	23° 7	24°35	27°39	0°12	28°13	22° 8	21°47	8°52	28°45	T 19
W20	21 51 33	26°25'55	24°51	16° 3	18°25	0°55	23°12	24°42	27°43	0°11	28°15	22° 8	21°43	8°58	28°42	W20
T 21	21 55 30	27°23'48	8♋ 6	18° 0	19°34	1°33	23°18	24°49	27°47	0°11	28°17	22° 9	21°40	9° 5	28°39	T 21
F 22	21 59 27	28°21'42	21°46	19°58	20°45	2°12	23°23	24°56	27°50	0°10	28°19	22° 9	21°37	9°12	28°36	F 22
S 23	22 3 23	29°19'39	5♌51	21°56	21°55	2°50	23°29	25° 3	27°54	0° 9	28°21	22°10	21°34	9°18	28°34	S 23
S 24	22 7 20	0♍17'37	20°19	23°55	23° 5	3°28	23°35	25° 9	27°58	0° 9	28°23	22°R10	21°31	9°25	28°31	S 24
M25	22 11 16	1°15'36	5♍ 4	25°54	24°15	4° 6	23°41	25°16	28° 2	0° 8	28°25	22°10	21°27	9°32	28°28	M25
T 26	22 15 13	2°13'37	19°59	27°53	25°26	4°44	23°47	25°23	28° 5	0° 7	28°27	22° 9	21°24	9°38	28°26	T 26
W27	22 19 9	3°11'40	4♎57	29°52	26°36	5°22	23°54	25°30	28° 9	0° 7	28°29	22° 8	21°21	9°45	28°23	W27
T 28	22 23 6	4° 9'43	19°49	1♍49	27°47	6° 0	24° 0	25°37	28°13	0° 6	28°31	22° 7	21°18	9°52	28°21	T 28
F 29	22 27 2	5° 7'49	4♏28	3°46	28°57	6°38	24° 7	25°43	28°17	0° 5	28°33	22° 6	21°15	9°59	28°18	F 29
S 30	22 30 59	6° 5'56	18°49	5°43	0♌ 8	7°16	24°14	25°50	28°20	0° 4	28°35	22° 4	21°12	10° 5	28°16	S 30
S 31	22 34 56	7♍ 4'04	2♐49	7♍38	1♌19	7♋53	24♏21	25♋56	28♌24	0♉ 4	28♌37	22°D 4	21♒ 8	10♈12	28♑13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n15	13s42	4s39	19n23	2s36	21n28	1s58	22n58	0s 1	17s31	0n48	21n36	0s 1	13n21	0n43	9n55	1s47	22n54	11n19	14s 8	13s58	6n 1	12s50	7n35
S 2	18 0	19 9	5 7	19 34	2 20	21 32	1 55	23 2	0n 0	17 32	0 48	21 35	0 1	13 20	0 43	9 55	1 47	22 53	11 19	14 8	13 59	6 4	12 51	7 35
S 3	17 45	23 28	5 16	19 44	2 4	21 36	1 52	23 6	0 1	17 33	0 48	21 34	0 1	13 19	0 43	9 55	1 47	22 52	11 19	14 8	14 0	6 8	12 51	7 34
M 4	17 29	26 23	5 7	19 53	1 48	21 40	1 49	23 10	0 2	17 34	0 48	21 32	0 1	13 18	0 43	9 55	1 47	22 52	11 19	14 8	14 1	6 11	12 52	7 34
T 5	17 13	27 44	4 41	20 0	1 32	21 43	1 46	23 13	0 3	17 35	0 47	21 31	0 1	13 16	0 43	9 55	1 47	22 51	11 19	14 8	14 2	6 14	12 53	7 34
W 6	16 57	27 27	4 0	20 6	1 16	21 45	1 42	23 17	0 3	17 36	0 47	21 30	0 1	13 15	0 43	9 55	1 47	22 50	11 19	14 9	14 3	6 17	12 54	7 34
T 7	16 40	25 39	3 8	20 10	1 0	21 47	1 39	23 20	0 4	17 37	0 47	21 29	0 1	13 14	0 43	9 55	1 47	22 50	11 19	14 9	14 4	6 21	12 55	7 34
F 8	16 24	22 33	2 7	20 13	0 45	21 48	1 36	23 23	0 5	17 38	0 47	21 28	0 1	13 12	0 42	9 55	1 47	22 49	11 19	14 9	14 5	6 24	12 56	7 34
S 9	16 7	18 25	1 0	20 13	0 30	21 49	1 32	23 26	0 6	17 39	0 46	21 27	0 1	13 11	0 42	9 54	1 47	22 48	11 19	14 10	14 6	6 27	12 56	7 33
S 10	15 49	13 35	0n 8	20 11	0 15	21 49	1 29	23 28	0 7	17 40	0 46	21 25	0 1	13 10	0 42	9 54	1 47	22 48	11 19	14 10	14 7	6 30	12 57	7 33
M11	15 32	8 17	1 15	20 6	0 2	21 49	1 26	23 31	0 8	17 41	0 46	21 24	0 0	13 9	0 42	9 54	1 47	22 47	11 19	14 10	14 8	6 33	12 58	7 33
T 12	15 14	2 45	2 17	19 59	0n11	21 48	1 22	23 33	0 9	17 42	0 46	21 23	0 0	13 7	0 42	9 54	1 47	22 46	11 19	14 10	14 9	6 37	12 59	7 33
W13	14 56	2n49	3 14	19 50	0 24	21 46	1 19	23 35	0 9	17 44	0 45	21 22	0 0	13 6	0 42	9 54	1 47	22 45	11 19	14 9	14 10	6 40	13 0	7 33
T 14	14 38	8 15	4 1	19 37	0 36	21 44	1 15	23 37	0 10	17 45	0 45	21 21	0 0	13 5	0 42	9 54	1 47	22 45	11 19	14 9	14 11	6 43	13 0	7 32
F 15	14 19	13 23	4 38	19 22	0 46	21 41	1 12	23 39	0 11	17 46	0 45	21 19	0 0	13 4	0 42	9 53	1 47	22 44	11 19	14 9	14 12	6 46	13 1	7 32
S 16	14 1	18 3	5 4	19 4	0 56	21 38	1 8	23 40	0 12	17 48	0 45	21 18	0 0	13 2	0 42	9 53	1 48	22 43	11 19	14 9	14 13	6 49	13 2	7 32
S 17	13 42	22 4	5 16	18 44	1 5	21 34	1 5	23 42	0 13	17 49	0 45	21 17	0n 0	13 1	0 42	9 53	1 48	22 43	11 19	14 9	14 14	6 53	13 3	7 32
M18	13 23	25 12	5 15	18 20	1 13	21 30	1 1	23 43	0 14	17 51	0 44	21 16	0 0	13 0	0 42	9 53	1 48	22 42	11 19	14 9	14 15	6 56	13 4	7 31
T 19	13 3	27 12	4 58	17 54	1 21	21 25	0 58	23 44	0 15	17 52	0 44	21 15	0 0	12 58	0 42	9 53	1 48	22 41	11 19	14 9	14 16	6 59	13 5	7 31
W20	12 44	27 50	4 27	17 26	1 27	21 19	0 54	23 44	0 16	17 54	0 44	21 14	0 0	12 57	0 42	9 52	1 48	22 41	11 19	14 9	14 17	7 2	13 6	7 31
T 21	12 24	26 54	3 41	16 55	1 32	21 13	0 50	23 45	0 17	17 55	0 44	21 12	0 0	12 56	0 42	9 52	1 48	22 40	11 19	14 9	14 18	7 5	13 6	7 31
F 22	12 4	24 22	2 41	16 23	1 37	21 6	0 47	23 45	0 18	17 57	0 43	21 11	0 1	12 54	0 42	9 52	1 48	22 39	11 19	14 9	14 19	7 9	13 7	7 30
S 23	11 44	20 17	1 29	15 48	1 40	20 59	0 43	23 45	0 18	17 59	0 43	21 10	0 1	12 53	0 42	9 52	1 48	22 39	11 19	14 9	14 20	7 12	13 8	7 30
S 24	11 23	14 54	0 10	15 11	1 43	20 51	0 40	23 45	0 19	18 0	0 43	21 9	0 1	12 52	0 42	9 51	1 48	22 38	11 19	14 9	14 21	7 15	13 9	7 30
M25	11 3	8 34	1s11	14 33	1 45	20 42	0 36	23 45	0 20	18 2	0 43	21 8	0 1	12 51	0 43	9 51	1 48	22 37	11 19	14 9	14 22	7 18	13 10	7 29
T 26	10 42	1 42	2 28	13 53	1 46	20 33	0 33	23 45	0 21	18 4	0 43	21 7	0 1	12 49	0 43	9 51	1 48	22 37	11 19	14 9	14 23	7 21	13 11	7 29
W27	10 21	5s16	3 35	13 12	1 47	20 23	0 29	23 44	0 22	18 6	0 42	21 6	0 1	12 48	0 43	9 51	1 48	22 36	11 19	14 9	14 24	7 25	13 11	7 29
T 28	10 0	11 53	4 28	12 30	1 46	20 13	0 26	23 44	0 23	18 7	0 42	21 4	0 1	12 47	0 43	9 50	1 48	22 36	11 20	14 10	14 26	7 28	13 12	7 28
F 29	9 39	17 45	5 1	11 47	1 45	20 2	0 23	23 43	0 24	18 9	0 42	21 3	0 1	12 45	0 43	9 50	1 48	22 35	11 20	14 10	14 27	7 31	13 13	7 28
S 30	9 17	22 30	5 16	11 3	1 44	19 51	0 19	23 42	0 25	18 11	0 42	21 2	0 1	12 44	0 43	9 50	1 48	22 34	11 20	14 10	14 28	7 34	13 14	7 28
S 31	8n56	25s50	5s11	10n18	1n42	19n39	0s16	23n40	0n26	18s13	0n42	21n 1	0n 1	12n43	0n43	9n49	1s48	22n34	11n20	14s11	14s29	7n37	13s15	7n27

Julian Day Number = 2345836.5, Delta T = 11.44 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'00, Lahiri = 19°49'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

SEPTEMBER 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 38 52	8♍ 2'14	16♐28	9♍32	2♌30	8♋31	24♏28	26♋ 3	28♌28	0°R 3	28♌39	22♒ 4	21♒ 5	10♈19	28°R11	M 1
T 2	22 42 49	9° 0'25	29°46	11°26	3°41	9° 8	24°35	26° 9	28°32	0♉ 2	28°41	22° 5	21° 2	10°25	28♑ 9	T 2
W 3	22 46 45	9°58'38	12♑45	13°18	4°52	9°45	24°42	26°16	28°35	0° 1	28°43	22° 6	20°59	10°32	28° 6	W 3
T 4	22 50 42	10°56'52	25°28	15° 9	6° 4	10°23	24°50	26°22	28°39	29♈59	28°45	22° 7	20°56	10°39	28° 4	T 4
F 5	22 54 38	11°55'08	7♒57	16°59	7°15	11° 0	24°58	26°28	28°43	29°59	28°47	22° 9	20°52	10°45	28° 2	F 5
S 6	22 58 35	12°53'26	20°14	18°48	8°26	11°37	25° 5	26°34	28°46	29°58	28°49	22°R 9	20°49	10°52	28° 0	S 6
S 7	23 2 31	13°51'45	2♓22	20°36	9°38	12°13	25°13	26°41	28°50	29°57	28°51	22° 9	20°46	10°59	27°58	S 7
M 8	23 6 28	14°50'06	14°23	22°22	10°50	12°50	25°21	26°47	28°54	29°56	28°52	22° 7	20°43	11° 5	27°56	M 8
T 9	23 10 25	15°48'28	26°18	24° 8	12° 1	13°27	25°29	26°53	28°57	29°55	28°54	22° 5	20°40	11°12	27°54	T 9
W10	23 14 21	16°46'53	8♈10	25°52	13°13	14° 3	25°38	26°59	29° 1	29°54	28°56	22° 1	20°37	11°19	27°53	W10
T 11	23 18 18	17°45'19	20° 0	27°35	14°25	14°40	25°46	27° 5	29° 5	29°53	28°58	21°57	20°33	11°26	27°51	T 11
F 12	23 22 14	18°43'48	1♉51	29°17	15°37	15°16	25°55	27°10	29° 8	29°51	29° 0	21°52	20°30	11°32	27°49	F 12
S 13	23 26 11	19°42'19	13°46	0♎58	16°49	15°52	26° 3	27°16	29°12	29°50	29° 2	21°48	20°27	11°39	27°48	S 13
S 14	23 30 7	20°40'52	25°48	2°38	18° 1	16°28	26°12	27°22	29°15	29°49	29° 4	21°45	20°24	11°46	27°46	S 14
M15	23 34 4	21°39'27	8♊ 0	4°17	19°13	17° 4	26°21	27°27	29°19	29°48	29° 6	21°42	20°21	11°52	27°44	M15
T 16	23 38 0	22°38'04	20°27	5°55	20°26	17°40	26°30	27°33	29°22	29°47	29° 8	21°D41	20°18	11°59	27°43	T 16
W17	23 41 57	23°36'44	3♋13	7°32	21°38	18°16	26°39	27°39	29°26	29°45	29°10	21°42	20°14	12° 6	27°42	W17
T 18	23 45 54	24°35'26	16°21	9° 8	22°51	18°52	26°48	27°44	29°29	29°44	29°11	21°43	20°11	12°12	27°40	T 18
F 19	23 49 50	25°34'10	29°55	10°44	24° 3	19°27	26°57	27°49	29°33	29°43	29°13	21°44	20° 8	12°19	27°39	F 19
S 20	23 53 47	26°32'56	13♌57	12°18	25°16	20° 3	27° 7	27°55	29°36	29°41	29°15	21°46	20° 5	12°26	27°38	S 20
S 21	23 57 43	27°31'45	28°25	13°51	26°28	20°38	27°16	28° 0	29°40	29°40	29°17	21°R46	20° 2	12°32	27°37	S 21
M22	0 1 40	28°30'36	13♍17	15°23	27°41	21°13	27°26	28° 5	29°43	29°39	29°19	21°44	19°58	12°39	27°36	M22
T 23	0 5 36	29°29'28	28°24	16°54	28°54	21°48	27°36	28°10	29°47	29°37	29°20	21°41	19°55	12°46	27°35	T 23
W24	0 9 33	0♎28'23	13♎39	18°25	0♍ 7	22°23	27°46	28°15	29°50	29°36	29°22	21°36	19°52	12°53	27°34	W24
T 25	0 13 29	1°27'20	28°51	19°54	1°20	22°58	27°56	28°20	29°53	29°34	29°24	21°30	19°49	12°59	27°33	T 25
F 26	0 17 26	2°26'18	13♏49	21°22	2°33	23°32	28° 6	28°25	29°57	29°33	29°26	21°24	19°46	13° 6	27°32	F 26
S 27	0 21 23	3°25'19	28°26	22°50	3°46	24° 7	28°16	28°29	29°59	29°31	29°27	21°19	19°43	13°13	27°32	S 27
S 28	0 25 19	4°24'21	12♐36	24°16	4°59	24°41	28°26	28°34	0♍ 3	29°30	29°29	21°15	19°39	13°19	27°31	S 28
M29	0 29 16	5°23'25	26°19	25°42	6°12	25°15	28°37	28°39	0° 6	29°28	29°31	21°13	19°36	13°26	27°31	M29
T 30	0 33 12	6♎22'31	9♑36	27♎ 7	7♍26	25♋49	28♏47	28♋43	0♍10	29♈27	29♌33	21°D12	19♒33	13♈33	27♑30	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n34	27s34	4s48	9n32	1n39	19n26	0s12	23n39	0n27	18s15	0n41	21n 0	0n 1	12n42	0n43	9n49	1s48	22n33	11n20	14s11	14s30	7n40	13s16	7n27
T 2	8 12	27 39	4 10	8 46	1 36	19 13	0 9	23 38	0 28	18 17	0 41	20 59	0 2	12 40	0 43	9 48	1 48	22 32	11 20	14 10	14 31	7 44	13 16	7 26
W 3	7 50	26 12	3 21	8 0	1 33	18 59	0 6	23 36	0 29	18 19	0 41	20 58	0 2	12 39	0 43	9 48	1 49	22 32	11 20	14 10	14 32	7 47	13 17	7 26
T 4	7 28	23 24	2 22	7 13	1 29	18 45	0 2	23 34	0 30	18 21	0 41	20 57	0 2	12 38	0 43	9 48	1 49	22 31	11 20	14 10	14 33	7 50	13 18	7 26
F 5	7 6	19 34	1 18	6 27	1 24	18 30	0n 1	23 32	0 31	18 23	0 41	20 55	0 2	12 36	0 43	9 47	1 49	22 31	11 21	14 9	14 34	7 53	13 19	7 25
S 6	6 44	14 56	0 11	5 40	1 20	18 15	0 4	23 30	0 32	18 25	0 40	20 54	0 2	12 35	0 43	9 47	1 49	22 30	11 21	14 9	14 35	7 56	13 20	7 25
S 7	6 21	9 47	0n56	4 53	1 15	17 59	0 7	23 28	0 33	18 27	0 40	20 53	0 2	12 34	0 43	9 47	1 49	22 30	11 21	14 9	14 36	7 59	13 20	7 24
M 8	5 59	4 19	1 59	4 6	1 9	17 43	0 11	23 25	0 34	18 29	0 40	20 52	0 2	12 33	0 43	9 46	1 49	22 29	11 21	14 10	14 37	8 3	13 21	7 24
T 9	5 36	1n14	2 57	3 19	1 4	17 26	0 14	23 22	0 35	18 31	0 40	20 51	0 2	12 31	0 43	9 46	1 49	22 29	11 21	14 10	14 38	8 6	13 22	7 23
W10	5 14	6 43	3 46	2 32	0 58	17 9	0 17	23 20	0 36	18 34	0 40	20 50	0 2	12 30	0 43	9 45	1 49	22 28	11 21	14 12	14 39	8 9	13 23	7 23
T 11	4 51	11 56	4 26	1 45	0 52	16 51	0 20	23 17	0 37	18 36	0 39	20 49	0 2	12 29	0 43	9 45	1 49	22 27	11 22	14 13	14 40	8 12	13 23	7 23
F 12	4 28	16 44	4 54	0 59	0 45	16 33	0 23	23 14	0 38	18 38	0 39	20 48	0 2	12 28	0 43	9 44	1 49	22 27	11 22	14 14	14 41	8 15	13 24	7 22
S 13	4 5	20 55	5 10	0 12	0 39	16 14	0 26	23 10	0 39	18 40	0 39	20 47	0 3	12 26	0 43	9 44	1 49	22 26	11 22	14 16	14 42	8 18	13 25	7 22
S 14	3 42	24 17	5 12	0s33	0 32	15 55	0 29	23 7	0 40	18 42	0 39	20 46	0 3	12 25	0 43	9 43	1 49	22 26	11 22	14 17	14 43	8 21	13 26	7 21
M15	3 19	26 37	5 0	1 19	0 25	15 35	0 32	23 4	0 41	18 45	0 39	20 45	0 3	12 24	0 43	9 43	1 49	22 25	11 22	14 18	14 44	8 25	13 26	7 21
T 16	2 56	27 42	4 34	2 4	0 19	15 15	0 35	23 0	0 42	18 47	0 38	20 44	0 3	12 23	0 43	9 43	1 49	22 25	11 22	14 18	14 45	8 28	13 27	7 20
W17	2 32	27 21	3 55	2 49	0 12	14 54	0 37	22 56	0 43	18 49	0 38	20 43	0 3	12 21	0 43	9 42	1 49	22 24	11 23	14 18	14 46	8 31	13 28	7 20
T 18	2 9	25 29	3 1	3 34	0 4	14 33	0 40	22 52	0 44	18 51	0 38	20 42	0 3	12 20	0 43	9 42	1 49	22 24	11 23	14 17	14 47	8 34	13 29	7 19
F 19	1 46	22 6	1 56	4 18	0s 3	14 12	0 43	22 48	0 45	18 54	0 38	20 41	0 3	12 19	0 43	9 41	1 49	22 23	11 23	14 17	14 48	8 37	13 29	7 19
S 20	1 22	17 21	0 43	5 1	0 10	13 50	0 45	22 44	0 46	18 56	0 38	20 40	0 3	12 18	0 43	9 41	1 49	22 23	11 23	14 17	14 49	8 40	13 30	7 18
S 21	0 59	11 29	0s36	5 44	0 17	13 28	0 48	22 40	0 47	18 58	0 38	20 39	0 3	12 17	0 43	9 40	1 49	22 23	11 24	14 17	14 50	8 43	13 31	7 18
M22	0 36	4 49	1 54	6 27	0 25	13 5	0 50	22 36	0 48	19 1	0 37	20 38	0 3	12 15	0 43	9 40	1 49	22 22	11 24	14 17	14 51	8 47	13 31	7 17
T 23	0 12	2s13	3 6	7 9	0 32	12 42	0 53	22 31	0 49	19 3	0 37	20 37	0 4	12 14	0 43	9 39	1 49	22 22	11 24	14 18	14 52	8 50	13 32	7 17
W24	0s11	9 9	4 5	7 50	0 40	12 19	0 55	22 27	0 50	19 6	0 37	20 36	0 4	12 13	0 43	9 39	1 49	22 21	11 24	14 20	14 53	8 53	13 33	7 16
T 25	0 35	15 32	4 46	8 31	0 47	11 55	0 58	22 22	0 51	19 8	0 37	20 35	0 4	12 12	0 43	9 38	1 49	22 21	11 24	14 22	14 54	8 56	13 33	7 16
F 26	0 58	20 53	5 7	9 11	0 54	11 31	1 0	22 17	0 52	19 10	0 37	20 35	0 4	12 11	0 43	9 37	1 49	22 20	11 25	14 24	14 55	8 59	13 34	7 15
S 27	1 22	24 50	5 7	9 51	1 2	11 6	1 2	22 12	0 54	19 13	0 37	20 34	0 4	12 10	0 43	9 37	1 49	22 20	11 25	14 25	14 56	9 2	13 35	7 15
S 28	1 45	27 7	4 49	10 30	1 9	10 42	1 4	22 7	0 55	19 15	0 36	20 33	0 4	12 9	0 43	9 36	1 50	22 20	11 25	14 26	14 57	9 5	13 35	7 14
M29	2 9	27 39	4 14	11 8	1 16	10 16	1 6	22 2	0 56	19 18	0 36	20 32	0 4	12 7	0 43	9 36	1 50	22 19	11 25	14 27	14 58	9 8	13 36	7 14
T 30	2s32	26s33	3s26	11s46	1s24	9n51	1n 8	21n57	0n57	19s20	0n36	20n31	0n 4	12n 6	0n43	9n35	1s50	22n19	11n26	14s27	14s59	9n11	13s36	7n13

Julian Day Number = 2345867.5, Delta T = 11.42 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'05, Lahiri = 19°49'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

OCTOBER 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 9	7♎21'39	22♉29	28♎30	8♍39	26♋23	28♏58	28♋47	0♍13	29°R25	29♌34	21♒13	19♒30	13♈39	27°R30	W 1
T 2	0 41 5	8°20'48	5♒ 1	29°53	9°52	26°57	29° 8	28°52	0°16	29♈24	29°36	21°15	19°27	13°46	27♉30	T 2
F 3	0 45 2	9°19'59	17°19	1♏14	11° 6	27°31	29°19	28°56	0°19	29°22	29°37	21°R16	19°24	13°53	27°29	F 3
S 4	0 48 58	10°19'12	29°25	2°35	12°19	28° 4	29°30	29° 0	0°22	29°21	29°39	21°15	19°20	14° 0	27°29	S 4
S 5	0 52 55	11°18'27	11♓23	3°54	13°33	28°37	29°41	29° 4	0°25	29°19	29°41	21°13	19°17	14° 6	27°29	S 5
M 6	0 56 52	12°17'44	23°16	5°12	14°47	29°11	29°52	29° 8	0°28	29°18	29°42	21° 9	19°14	14°13	27°D29	M 6
T 7	1 0 48	13°17'02	5♈ 7	6°28	16° 0	29°44	0♐ 3	29°12	0°31	29°16	29°44	21° 2	19°11	14°20	27°29	T 7
W 8	1 4 45	14°16'23	16°58	7°43	17°14	0♑17	0°14	29°16	0°34	29°14	29°45	20°53	19° 8	14°26	27°29	W 8
T 9	1 8 41	15°15'46	28°50	8°57	18°28	0°49	0°25	29°19	0°37	29°13	29°47	20°42	19° 4	14°33	27°29	T 9
F 10	1 12 38	16°15'11	10♉45	10° 9	19°42	1°22	0°36	29°23	0°40	29°11	29°48	20°31	19° 1	14°40	27°30	F 10
S 11	1 16 34	17°14'38	22°45	11°20	20°56	1°54	0°48	29°26	0°43	29°10	29°50	20°21	18°58	14°46	27°30	S 11
S 12	1 20 31	18°14'07	4♊51	12°28	22°10	2°26	0°59	29°30	0°46	29° 8	29°51	20°12	18°55	14°53	27°30	S 12
M13	1 24 27	19°13'39	17° 6	13°35	23°24	2°58	1°11	29°33	0°49	29° 6	29°53	20° 5	18°52	15° 0	27°31	M13
T 14	1 28 24	20°13'13	29°33	14°39	24°38	3°30	1°22	29°36	0°52	29° 5	29°54	20° 0	18°49	15° 6	27°31	T 14
W15	1 32 21	21°12'49	12♋15	15°41	25°52	4° 2	1°34	29°39	0°54	29° 3	29°55	19°58	18°45	15°13	27°32	W15
T 16	1 36 17	22°12'27	25°17	16°40	27° 6	4°34	1°46	29°42	0°57	29° 1	29°57	19°D57	18°42	15°20	27°33	T 16
F 17	1 40 14	23°12'08	8♌41	17°37	28°20	5° 5	1°58	29°45	1° 0	29° 0	29°58	19°58	18°39	15°27	27°34	F 17
S 18	1 44 10	24°11'51	22°32	18°30	29°35	5°36	2°10	29°48	1° 2	28°58	29°59	19°R58	18°36	15°33	27°34	S 18
S 19	1 48 7	25°11'37	6♍49	19°19	0♎49	6° 7	2°22	29°51	1° 5	28°56	0♍ 1	19°57	18°33	15°40	27°35	S 19
M20	1 52 3	26°11'24	21°31	20° 5	2° 3	6°38	2°34	29°53	1° 7	28°55	0° 2	19°54	18°29	15°47	27°36	M20
T 21	1 56 0	27°11'14	6♎34	20°46	3°18	7° 9	2°46	29°56	1°10	28°53	0° 3	19°48	18°26	15°53	27°37	T 21
W22	1 59 56	28°11'05	21°49	21°23	4°32	7°39	2°58	29°58	1°12	28°51	0° 5	19°39	18°23	16° 0	27°39	W22
T 23	2 3 53	29°10'59	7♏ 7	21°54	5°47	8° 9	3°10	0♌ 0	1°15	28°49	0° 6	19°29	18°20	16° 7	27°40	T 23
F 24	2 7 49	0♏10'55	22°15	22°19	7° 1	8°39	3°22	0° 3	1°17	28°48	0° 7	19°18	18°17	16°13	27°41	F 24
S 25	2 11 46	1°10'53	7♐ 3	22°38	8°16	9° 9	3°35	0° 5	1°19	28°46	0° 8	19° 8	18°14	16°20	27°42	S 25
S 26	2 15 43	2°10'52	21°25	22°49	9°30	9°38	3°47	0° 7	1°22	28°44	0° 9	19° 1	18°10	16°27	27°44	S 26
M27	2 19 39	3°10'53	5♑17	22°R53	10°45	10° 8	4° 0	0° 8	1°24	28°43	0°10	18°55	18° 7	16°34	27°45	M27
T 28	2 23 36	4°10'56	18°39	22°49	12° 0	10°37	4°12	0°10	1°26	28°41	0°11	18°52	18° 4	16°40	27°47	T 28
W29	2 27 32	5°11'00	1♒34	22°36	13°15	11° 6	4°25	0°12	1°28	28°39	0°12	18°D51	18° 1	16°47	27°48	W29
T 30	2 31 29	6°11'06	14° 6	22°13	14°29	11°34	4°37	0°13	1°30	28°38	0°13	18°R51	17°58	16°54	27°50	T 30
F 31	2 35 25	7♏11'14	26♒20	21♏41	15♎44	12♌ 3	4♐50	0♌15	1♍32	28♈36	0♍14	18♒51	17♒55	17♈ 0	27♉52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s56	24s 3	2s29	12s22	1s31	9n25	1n10	21n52	0n58	19s23	0n36	20n30	0n 4	12n 5	0n43	9n35	1s50	22n19	11n26	14s27	15s 0	9n14	13s37	7n13
T 2	3 19	20 27	1 27	12 58	1 38	8 59	1 12	21 46	0 59	19 25	0 36	20 30	0 4	12 4	0 43	9 34	1 50	22 18	11 26	14 27	15 1	9 18	13 38	7 12
F 3	3 42	16 1	0 21	13 33	1 45	8 33	1 14	21 41	1 0	19 28	0 36	20 29	0 5	12 3	0 43	9 34	1 50	22 18	11 27	14 26	15 2	9 21	13 38	7 12
S 4	4 6	11 1	0n44	14 8	1 51	8 7	1 16	21 35	1 2	19 30	0 35	20 28	0 5	12 2	0 43	9 33	1 50	22 18	11 27	14 26	15 3	9 24	13 39	7 11
S 5	4 29	5 40	1 46	14 41	1 58	7 40	1 17	21 30	1 3	19 32	0 35	20 27	0 5	12 1	0 43	9 32	1 50	22 17	11 27	14 27	15 4	9 27	13 39	7 11
M 6	4 52	0 11	2 43	15 14	2 4	7 13	1 19	21 24	1 4	19 35	0 35	20 27	0 5	12 0	0 43	9 32	1 50	22 17	11 27	14 29	15 5	9 30	13 40	7 10
T 7	5 15	5n18	3 33	15 45	2 11	6 46	1 20	21 18	1 5	19 37	0 35	20 26	0 5	11 59	0 43	9 31	1 50	22 17	11 28	14 31	15 6	9 33	13 40	7 10
W 8	5 38	10 34	4 13	16 16	2 17	6 18	1 22	21 12	1 6	19 40	0 35	20 25	0 5	11 58	0 43	9 31	1 50	22 16	11 28	14 34	15 7	9 36	13 41	7 9
T 9	6 1	15 29	4 43	16 45	2 23	5 51	1 23	21 6	1 7	19 42	0 35	20 25	0 5	11 57	0 43	9 30	1 50	22 16	11 28	14 37	15 8	9 39	13 41	7 9
F 10	6 24	19 49	5 0	17 14	2 28	5 23	1 24	21 0	1 9	19 45	0 34	20 24	0 5	11 56	0 43	9 29	1 50	22 16	11 29	14 40	15 9	9 42	13 42	7 8
S 11	6 47	23 23	5 4	17 41	2 34	4 55	1 26	20 54	1 10	19 47	0 34	20 23	0 5	11 55	0 43	9 29	1 50	22 16	11 29	14 44	15 10	9 45	13 42	7 8
S 12	7 10	25 58	4 55	18 7	2 39	4 27	1 27	20 48	1 11	19 50	0 34	20 23	0 5	11 54	0 43	9 28	1 50	22 15	11 29	14 47	15 11	9 48	13 43	7 7
M13	7 32	27 21	4 32	18 32	2 43	3 58	1 28	20 42	1 12	19 52	0 34	20 22	0 6	11 53	0 43	9 28	1 50	22 15	11 30	14 49	15 12	9 51	13 43	7 6
T 14	7 55	27 24	3 55	18 56	2 48	3 30	1 29	20 36	1 13	19 55	0 34	20 22	0 6	11 52	0 43	9 27	1 50	22 15	11 30	14 50	15 13	9 54	13 43	7 6
W15	8 17	26 1	3 7	19 18	2 52	3 1	1 30	20 29	1 15	19 57	0 34	20 21	0 6	11 51	0 43	9 27	1 50	22 15	11 30	14 51	15 14	9 58	13 44	7 5
T 16	8 40	23 12	2 8	19 39	2 55	2 33	1 31	20 23	1 16	20 0	0 34	20 20	0 6	11 50	0 44	9 26	1 50	22 15	11 31	14 51	15 15	10 1	13 44	7 5
F 17	9 2	19 5	1 0	19 58	2 58	2 4	1 32	20 17	1 17	20 2	0 33	20 20	0 6	11 49	0 44	9 25	1 50	22 14	11 31	14 51	15 16	10 4	13 45	7 4
S 18	9 24	13 49	0s14	20 15	3 1	1 35	1 32	20 10	1 19	20 5	0 33	20 19	0 6	11 48	0 44	9 25	1 50	22 14	11 31	14 51	15 17	10 7	13 45	7 4
S 19	9 46	7 39	1 28	20 31	3 2	1 6	1 33	20 4	1 20	20 7	0 33	20 19	0 6	11 47	0 44	9 24	1 50	22 14	11 32	14 51	15 18	10 10	13 45	7 3
M20	10 8	0 56	2 39	20 44	3 4	0 37	1 33	19 57	1 21	20 10	0 33	20 19	0 6	11 46	0 44	9 24	1 50	22 14	11 32	14 52	15 19	10 13	13 46	7 3
T 21	10 29	5s59	3 41	20 56	3 4	0 7	1 34	19 51	1 22	20 12	0 33	20 18	0 6	11 46	0 44	9 23	1 50	22 14	11 32	14 54	15 20	10 16	13 46	7 2
W22	10 51	12 39	4 27	21 5	3 4	0s22	1 34	19 44	1 24	20 15	0 33	20 18	0 7	11 45	0 44	9 22	1 50	22 14	11 33	14 57	15 21	10 19	13 46	7 2
T 23	11 12	18 33	4 55	21 12	3 2	0 51	1 35	19 38	1 25	20 17	0 33	20 17	0 7	11 44	0 44	9 22	1 50	22 14	11 33	15 0	15 22	10 22	13 47	7 1
F 24	11 33	23 13	5 1	21 17	3 0	1 20	1 35	19 31	1 26	20 20	0 33	20 17	0 7	11 43	0 44	9 21	1 50	22 13	11 33	15 3	15 23	10 25	13 47	7 1
S 25	11 54	26 15	4 47	21 18	2 57	1 50	1 35	19 24	1 28	20 22	0 32	20 17	0 7	11 42	0 44	9 21	1 50	22 13	11 34	15 6	15 23	10 28	13 47	7 0
S 26	12 15	27 27	4 15	21 17	2 52	2 19	1 35	19 18	1 29	20 25	0 32	20 16	0 7	11 41	0 44	9 20	1 50	22 13	11 34	15 9	15 24	10 31	13 47	7 0
M27	12 36	26 51	3 29	21 12	2 46	2 48	1 35	19 11	1 30	20 27	0 32	20 16	0 7	11 41	0 44	9 19	1 50	22 13	11 35	15 11	15 25	10 34	13 48	6 59
T 28	12 56	24 42	2 33	21 4	2 39	3 17	1 35	19 5	1 32	20 30	0 32	20 16	0 7	11 40	0 44	9 19	1 50	22 13	11 35	15 12	15 26	10 37	13 48	6 59
W29	13 16	21 19	1 30	20 52	2 30	3 46	1 35	18 58	1 33	20 32	0 32	20 16	0 7	11 39	0 44	9 18	1 50	22 13	11 35	15 12	15 27	10 40	13 48	6 58
T 30	13 36	17 2	0 25	20 36	2 20	4 16	1 35	18 51	1 35	20 35	0 32	20 15	0 7	11 39	0 44	9 18	1 50	22 13	11 36	15 12	15 28	10 43	13 48	6 58
F 31	13s56	12s 9	0n39	20s16	2s 7	4s45	1n35	18n45	1n36	20s37	0n32	20n15	0n 8	11n38	0n44	9n17	1s50	22n13	11n36	15s12	15s29	10n46	13s48	6n57

Julian Day Number = 2345897.5, Delta T = 11.41 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'09, Lahiri = 19°49'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

NOVEMBER 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 22	8♏11'23	8♓21	20°R59	16♎59	12♌31	5♐ 3	0♌16	1♍34	28°R34	0♍15	18°R50	17♒51	17♈ 7	27♉54	S 1
S 2	2 43 18	9°11'33	20°15	20♏ 8	18°14	12°59	5°15	0°17	1°36	28♈33	0°16	18♒46	17°48	17°14	27°56	S 2
M 3	2 47 15	10°11'45	2♈ 5	19° 8	19°28	13°27	5°28	0°18	1°38	28°31	0°17	18°39	17°45	17°21	27°58	M 3
T 4	2 51 12	11°11'59	13°54	18° 0	20°43	13°54	5°41	0°19	1°40	28°29	0°18	18°30	17°42	17°27	28° 0	T 4
W 5	2 55 8	12°12'14	25°47	16°47	21°58	14°21	5°54	0°20	1°42	28°28	0°19	18°18	17°39	17°34	28° 2	W 5
T 6	2 59 5	13°12'31	7♉43	15°29	23°13	14°48	6° 7	0°21	1°44	28°26	0°20	18° 4	17°35	17°41	28° 4	T 6
F 7	3 3 1	14°12'50	19°46	14° 9	24°28	15°15	6°20	0°21	1°45	28°25	0°21	17°49	17°32	17°47	28° 6	F 7
S 8	3 6 58	15°13'11	1♊55	12°50	25°43	15°41	6°33	0°22	1°47	28°23	0°21	17°35	17°29	17°54	28° 9	S 8
S 9	3 10 54	16°13'33	14°12	11°34	26°58	16° 7	6°46	0°22	1°49	28°21	0°22	17°22	17°26	18° 1	28°11	S 9
M10	3 14 51	17°13'57	26°37	10°23	28°13	16°33	6°59	0°23	1°50	28°20	0°23	17°12	17°23	18° 7	28°13	M10
T 11	3 18 47	18°14'23	9♋13	9°21	29°28	16°59	7°12	0°23	1°52	28°18	0°24	17° 5	17°20	18°14	28°16	T 11
W12	3 22 44	19°14'51	22° 0	8°28	0♏43	17°24	7°25	0°R23	1°53	28°17	0°24	17° 1	17°16	18°21	28°18	W12
T 13	3 26 41	20°15'21	5♌ 3	7°47	1°59	17°49	7°39	0°23	1°55	28°15	0°25	16°59	17°13	18°28	28°21	T 13
F 14	3 30 37	21°15'52	18°23	7°16	3°14	18°14	7°52	0°23	1°56	28°14	0°25	16°59	17°10	18°34	28°24	F 14
S 15	3 34 34	22°16'26	2♍ 3	6°58	4°29	18°38	8° 5	0°22	1°57	28°12	0°26	16°59	17° 7	18°41	28°26	S 15
S 16	3 38 30	23°17'01	16° 6	6°D50	5°44	19° 2	8°18	0°22	1°59	28°11	0°27	16°57	17° 4	18°48	28°29	S 16
M17	3 42 27	24°17'38	0♎31	6°54	6°59	19°26	8°32	0°21	2° 0	28° 9	0°27	16°54	17° 1	18°54	28°32	M17
T 18	3 46 23	25°18'16	15°15	7° 9	8°14	19°49	8°45	0°21	2° 1	28° 8	0°28	16°47	16°57	19° 1	28°35	T 18
W19	3 50 20	26°18'56	0♏13	7°33	9°30	20°12	8°58	0°20	2° 2	28° 6	0°28	16°38	16°54	19° 8	28°38	W19
T 20	3 54 16	27°19'38	15°17	8° 6	10°45	20°35	9°12	0°19	2° 3	28° 5	0°28	16°27	16°51	19°15	28°41	T 20
F 21	3 58 13	28°20'22	0♐17	8°46	12° 0	20°57	9°25	0°18	2° 4	28° 3	0°29	16°15	16°48	19°21	28°44	F 21
S 22	4 2 10	29°21'07	15° 3	9°34	13°16	21°19	9°39	0°17	2° 5	28° 2	0°29	16° 4	16°45	19°28	28°47	S 22
S 23	4 6 6	0♐21'53	29°27	10°27	14°31	21°40	9°52	0°16	2° 6	28° 1	0°29	15°55	16°41	19°35	28°50	S 23
M24	4 10 3	1°22'40	13♉24	11°26	15°46	22° 1	10° 6	0°15	2° 7	27°59	0°30	15°49	16°38	19°41	28°54	M24
T 25	4 13 59	2°23'29	26°52	12°30	17° 2	22°22	10°19	0°13	2° 7	27°58	0°30	15°45	16°35	19°48	28°57	T 25
W26	4 17 56	3°24'18	9♒52	13°38	18°17	22°42	10°33	0°12	2° 8	27°57	0°30	15°43	16°32	19°55	29° 0	W26
T 27	4 21 52	4°25'08	22°29	14°49	19°32	23° 2	10°46	0°10	2° 9	27°55	0°30	15°D43	16°29	20° 1	29° 4	T 27
F 28	4 25 49	5°25'59	4♓45	16° 3	20°48	23°22	11° 0	0° 8	2° 9	27°54	0°31	15°R44	16°26	20° 8	29° 7	F 28
S 29	4 29 46	6°26'51	16°48	17°20	22° 3	23°41	11°13	0° 7	2°10	27°53	0°31	15°43	16°22	20°15	29°11	S 29
S 30	4 33 42	7♐27'43	28♓42	18♏39	23♏18	24♌ 0	11♐27	0♌ 5	2♍10	27♈52	0♍31	15♒41	16♒19	20♈22	29♉14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s16	6s53	1n41	19s52	1s54	5s14	1n34	18n38	1n37	20s39	0n32	20n15	0n 8	11n37	0n44	9n16	1s50	22n13	11n36	15s12	15s30	10n49	13s48	6n57
S 2	14 35	1 27	2 38	19 23	1 38	5 43	1 34	18 32	1 39	20 42	0 31	20 15	0 8	11 36	0 44	9 16	1 50	22 13	11 37	15 13	15 31	10 52	13 49	6 56
M 3	14 54	4n 0	3 27	18 50	1 21	6 11	1 34	18 25	1 40	20 44	0 31	20 15	0 8	11 36	0 44	9 15	1 50	22 13	11 37	15 15	15 32	10 55	13 49	6 56
T 4	15 13	9 17	4 7	18 13	1 2	6 40	1 33	18 18	1 42	20 47	0 31	20 15	0 8	11 35	0 44	9 15	1 50	22 13	11 38	15 18	15 33	10 58	13 49	6 55
W 5	15 31	14 16	4 37	17 34	0 43	7 9	1 33	18 12	1 43	20 49	0 31	20 15	0 8	11 35	0 44	9 14	1 50	22 13	11 38	15 22	15 34	11 1	13 49	6 55
T 6	15 50	18 45	4 54	16 52	0 23	7 37	1 32	18 5	1 45	20 51	0 31	20 15	0 8	11 34	0 44	9 14	1 50	22 13	11 38	15 27	15 35	11 4	13 49	6 54
F 7	16 8	22 30	4 59	16 8	0 2	8 5	1 31	17 59	1 46	20 54	0 31	20 15	0 8	11 33	0 44	9 13	1 50	22 13	11 39	15 31	15 36	11 7	13 49	6 54
S 8	16 26	25 19	4 50	15 25	0n19	8 33	1 30	17 53	1 48	20 56	0 31	20 15	0 8	11 33	0 44	9 12	1 50	22 14	11 39	15 35	15 37	11 10	13 49	6 53
S 9	16 43	26 58	4 28	14 43	0 39	9 1	1 29	17 46	1 49	20 58	0 31	20 15	0 9	11 32	0 44	9 12	1 50	22 14	11 40	15 39	15 38	11 13	13 49	6 53
M10	17 0	27 18	3 52	14 3	0 58	9 29	1 29	17 40	1 51	21 1	0 31	20 15	0 9	11 32	0 44	9 11	1 50	22 14	11 40	15 42	15 39	11 16	13 49	6 52
T 11	17 17	26 14	3 5	13 27	1 15	9 56	1 28	17 34	1 53	21 3	0 30	20 15	0 9	11 31	0 45	9 11	1 50	22 14	11 40	15 44	15 40	11 19	13 49	6 52
W12	17 34	23 47	2 8	12 55	1 31	10 24	1 26	17 27	1 54	21 5	0 30	20 15	0 9	11 31	0 45	9 10	1 50	22 14	11 41	15 46	15 41	11 22	13 49	6 51
T 13	17 50	20 3	1 3	12 29	1 45	10 51	1 25	17 21	1 56	21 7	0 30	20 15	0 9	11 30	0 45	9 10	1 50	22 14	11 41	15 46	15 42	11 25	13 49	6 51
F 14	18 6	15 14	0s 7	12 8	1 57	11 17	1 24	17 15	1 57	21 10	0 30	20 15	0 9	11 30	0 45	9 9	1 50	22 14	11 42	15 46	15 43	11 28	13 49	6 50
S 15	18 22	9 32	1 19	11 52	2 6	11 44	1 23	17 9	1 59	21 12	0 30	20 15	0 9	11 29	0 45	9 9	1 50	22 15	11 42	15 46	15 44	11 31	13 49	6 50
S 16	18 37	3 14	2 27	11 42	2 14	12 10	1 22	17 3	2 1	21 14	0 30	20 15	0 9	11 29	0 45	9 8	1 50	22 15	11 43	15 47	15 45	11 34	13 49	6 49
M17	18 53	3s23	3 28	11 38	2 20	12 36	1 20	16 57	2 2	21 16	0 30	20 16	0 9	11 29	0 45	9 8	1 50	22 15	11 43	15 48	15 46	11 37	13 49	6 49
T 18	19 7	9 57	4 17	11 39	2 25	13 2	1 19	16 51	2 4	21 19	0 30	20 16	0 10	11 28	0 45	9 7	1 50	22 15	11 43	15 50	15 47	11 40	13 48	6 48
W19	19 22	16 4	4 48	11 44	2 27	13 27	1 17	16 46	2 6	21 21	0 30	20 16	0 10	11 28	0 45	9 7	1 50	22 15	11 44	15 53	15 48	11 43	13 48	6 48
T 20	19 36	21 14	5 0	11 53	2 29	13 52	1 16	16 40	2 7	21 23	0 29	20 17	0 10	11 28	0 45	9 6	1 49	22 16	11 44	15 56	15 49	11 46	13 48	6 48
F 21	19 49	25 0	4 52	12 6	2 29	14 17	1 14	16 34	2 9	21 25	0 29	20 17	0 10	11 27	0 45	9 6	1 49	22 16	11 45	15 59	15 50	11 49	13 48	6 47
S 22	20 3	27 0	4 23	12 22	2 27	14 41	1 13	16 29	2 11	21 27	0 29	20 17	0 10	11 27	0 45	9 5	1 49	22 16	11 45	16 3	15 51	11 52	13 48	6 47
S 23	20 16	27 7	3 39	12 41	2 25	15 5	1 11	16 24	2 12	21 29	0 29	20 18	0 10	11 27	0 45	9 5	1 49	22 16	11 45	16 5	15 52	11 55	13 48	6 46
M24	20 28	25 30	2 42	13 2	2 22	15 29	1 9	16 18	2 14	21 31	0 29	20 18	0 10	11 26	0 45	9 4	1 49	22 17	11 46	16 7	15 53	11 57	13 47	6 46
T 25	20 40	22 25	1 38	13 25	2 19	15 52	1 8	16 13	2 16	21 33	0 29	20 18	0 10	11 26	0 45	9 4	1 49	22 17	11 46	16 9	15 53	12 0	13 47	6 46
W26	20 52	18 18	0 31	13 49	2 14	16 15	1 6	16 8	2 18	21 35	0 29	20 19	0 11	11 26	0 45	9 4	1 49	22 17	11 47	16 9	15 54	12 3	13 47	6 45
T 27	21 4	13 29	0n36	14 15	2 9	16 37	1 4	16 3	2 20	21 37	0 29	20 19	0 11	11 26	0 45	9 3	1 49	22 18	11 47	16 9	15 55	12 6	13 46	6 45
F 28	21 15	8 14	1 39	14 42	2 4	16 59	1 2	15 59	2 22	21 39	0 29	20 20	0 11	11 26	0 45	9 3	1 49	22 18	11 48	16 9	15 56	12 9	13 46	6 44
S 29	21 25	2 48	2 37	15 9	1 58	17 21	1 0	15 54	2 23	21 41	0 29	20 20	0 11	11 26	0 45	9 2	1 49	22 18	11 48	16 9	15 57	12 12	13 46	6 44
S 30	21s35	2n39	3n27	15s37	1n52	17s42	0n58	15n50	2n25	21s43	0n29	20n21	0n11	11n25	0n45	9n 2	1s49	22n19	11n48	16s10	15s58	12n15	13s46	6n44

Julian Day Number = 2345928.5, Delta T = 11.39 sec
Ecliptic obliquity = 23°28'44, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'13, Lahiri = 19°49'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1710
geocentric

DECEMBER 1710 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 37 39	8♐28'37	10♈32	20♏ 0	24♏34	24♌18	11♐40	0°R 3	2♍11	27°R50	0♍31	15°R36	16♒16	20♈28	29♉18	M 1
T 2	4 41 35	9°29'31	22°22	21°23	25°49	24°36	11°54	0♌ 0	2°11	27♈49	0°31	15♒28	16°13	20°35	29°22	T 2
W 3	4 45 32	10°30'27	4♉17	22°47	27° 4	24°53	12° 7	29♋58	2°12	27°48	0°R31	15°18	16°10	20°42	29°25	W 3
T 4	4 49 28	11°31'23	16°19	24°12	28°20	25°10	12°21	29°56	2°12	27°47	0°31	15° 7	16° 7	20°48	29°29	T 4
F 5	4 53 25	12°32'20	28°31	25°38	29°35	25°26	12°35	29°53	2°12	27°46	0°31	14°54	16° 3	20°55	29°33	F 5
S 6	4 57 21	13°33'18	10♊52	27° 5	0♐51	25°42	12°48	29°51	2°12	27°45	0°31	14°42	16° 0	21° 2	29°37	S 6
S 7	5 1 18	14°34'16	23°24	28°33	2° 6	25°58	13° 2	29°48	2°12	27°44	0°31	14°32	15°57	21° 9	29°41	S 7
M 8	5 5 15	15°35'16	6♋ 7	0♐ 1	3°22	26°13	13°15	29°46	2°R12	27°43	0°31	14°23	15°54	21°15	29°45	M 8
T 9	5 9 11	16°36'17	19° 0	1°30	4°37	26°27	13°29	29°43	2°12	27°42	0°30	14°18	15°51	21°22	29°49	T 9
W10	5 13 8	17°37'18	2♌ 5	3° 0	5°52	26°41	13°43	29°40	2°12	27°41	0°30	14°15	15°47	21°29	29°53	W10
T 11	5 17 4	18°38'21	15°20	4°30	7° 8	26°54	13°56	29°37	2°12	27°40	0°30	14°D14	15°44	21°35	29°57	T 11
F 12	5 21 1	19°39'24	28°48	6° 0	8°23	27° 7	14°10	29°34	2°12	27°39	0°30	14°15	15°41	21°42	0♒ 1	F 12
S 13	5 24 57	20°40'28	12♍30	7°31	9°39	27°19	14°23	29°30	2°12	27°38	0°29	14°16	15°38	21°49	0° 5	S 13
S 14	5 28 54	21°41'33	26°26	9° 2	10°54	27°31	14°37	29°27	2°11	27°37	0°29	14°R16	15°35	21°56	0° 9	S 14
M15	5 32 50	22°42'40	10♎36	10°33	12°10	27°42	14°50	29°24	2°11	27°36	0°29	14°14	15°32	22° 2	0°13	M15
T 16	5 36 47	23°43'47	25° 0	12° 4	13°25	27°52	15° 4	29°20	2°10	27°36	0°28	14°11	15°28	22° 9	0°18	T 16
W17	5 40 44	24°44'54	9♏33	13°36	14°41	28° 2	15°17	29°17	2°10	27°35	0°28	14° 5	15°25	22°16	0°22	W17
T 18	5 44 40	25°46'03	24°10	15° 8	15°56	28°11	15°31	29°13	2° 9	27°34	0°27	13°57	15°22	22°22	0°26	T 18
F 19	5 48 37	26°47'12	8♐46	16°40	17°12	28°20	15°44	29° 9	2° 9	27°33	0°27	13°49	15°19	22°29	0°31	F 19
S 20	5 52 33	27°48'22	23°12	18°13	18°27	28°28	15°58	29° 6	2° 8	27°33	0°26	13°42	15°16	22°36	0°35	S 20
S 21	5 56 30	28°49'33	7♑22	19°46	19°43	28°35	16°11	29° 2	2° 8	27°32	0°26	13°35	15°13	22°43	0°40	S 21
M22	6 0 26	29°50'43	21°11	21°19	20°58	28°41	16°25	28°58	2° 7	27°32	0°25	13°31	15° 9	22°49	0°44	M22
T 23	6 4 23	0♑51'54	4♒37	22°52	22°14	28°47	16°38	28°54	2° 6	27°31	0°25	13°29	15° 6	22°56	0°49	T 23
W24	6 8 20	1°53'05	17°39	24°25	23°29	28°52	16°52	28°50	2° 5	27°31	0°24	13°D28	15° 3	23° 3	0°53	W24
T 25	6 12 16	2°54'15	0♓18	25°59	24°45	28°57	17° 5	28°46	2° 4	27°30	0°23	13°30	15° 0	23° 9	0°58	T 25
F 26	6 16 13	3°55'26	12°39	27°33	26° 0	29° 1	17°18	28°41	2° 3	27°30	0°23	13°31	14°57	23°16	1° 2	F 26
S 27	6 20 9	4°56'36	24°45	29° 7	27°16	29° 4	17°32	28°37	2° 2	27°29	0°22	13°33	14°53	23°23	1° 7	S 27
S 28	6 24 6	5°57'47	6♈41	0♑42	28°31	29° 6	17°45	28°33	2° 1	27°29	0°21	13°R33	14°50	23°30	1°11	S 28
M29	6 28 2	6°58'57	18°32	2°16	29°47	29° 8	17°58	28°28	2° 0	27°28	0°21	13°32	14°47	23°36	1°16	M29
T 30	6 31 59	8° 0'07	0♉24	3°52	1♑ 2	29° 8	18°11	28°24	1°59	27°28	0°20	13°30	14°44	23°43	1°21	T 30
W31	6 35 55	9♑ 1'16	12♉21	5♑27	2♑18	29°R 8	18♐25	28♋19	1♍58	27♈28	0♍19	13♒26	14♒41	23♈50	1♒25	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21 s45	7n59	4n 8	16s 5	1n45	18s 2	0n56	15n45	2n27	21 s45	0n28	20n21	0n11	11n25	0n45	9n 2	1 s49	22n19	11n49	16s11	15s59	12n18	13 s45	6n43
T 2	21 55	13 2	4 39	16 33	1 39	18 22	0 54	15 41	2 29	21 47	0 28	20 22	0 11	11 25	0 45	9 1	1 49	22 19	11 49	16 13	16 0	12 21	13 45	6 43
W 3	22 4	17 37	4 57	17 1	1 32	18 42	0 52	15 37	2 31	21 49	0 28	20 23	0 11	11 25	0 46	9 1	1 49	22 20	11 50	16 16	16 1	12 24	13 44	6 42
T 4	22 12	21 34	5 2	17 29	1 25	19 1	0 50	15 33	2 33	21 51	0 28	20 23	0 12	11 25	0 46	9 0	1 49	22 20	11 50	16 20	16 2	12 27	13 44	6 42
F 5	22 20	24 38	4 54	17 57	1 17	19 19	0 48	15 30	2 35	21 53	0 28	20 24	0 12	11 25	0 46	9 0	1 49	22 21	11 51	16 23	16 3	12 30	13 44	6 42
S 6	22 28	26 36	4 32	18 24	1 10	19 37	0 46	15 26	2 37	21 54	0 28	20 24	0 12	11 25	0 46	9 0	1 49	22 21	11 51	16 27	16 4	12 32	13 43	6 41
S 7	22 35	27 15	3 57	18 51	1 3	19 55	0 43	15 23	2 39	21 56	0 28	20 25	0 12	11 25	0 46	8 59	1 49	22 21	11 51	16 30	16 5	12 35	13 43	6 41
M 8	22 42	26 29	3 9	19 17	0 55	20 11	0 41	15 19	2 41	21 58	0 28	20 26	0 12	11 25	0 46	8 59	1 49	22 22	11 52	16 32	16 6	12 38	13 42	6 41
T 9	22 48	24 17	2 11	19 43	0 48	20 28	0 39	15 16	2 43	22 0	0 28	20 27	0 12	11 25	0 46	8 59	1 49	22 22	11 52	16 34	16 7	12 41	13 42	6 40
W10	22 54	20 47	1 5	20 8	0 41	20 43	0 37	15 14	2 45	22 1	0 28	20 27	0 12	11 25	0 46	8 58	1 49	22 23	11 53	16 35	16 8	12 44	13 41	6 40
T 11	23 0	16 10	0s 6	20 32	0 33	20 58	0 34	15 11	2 47	22 3	0 28	20 28	0 12	11 25	0 46	8 58	1 49	22 23	11 53	16 35	16 9	12 47	13 41	6 40
F 12	23 4	10 42	1 17	20 55	0 26	21 13	0 32	15 8	2 49	22 5	0 28	20 29	0 13	11 25	0 46	8 58	1 49	22 24	11 53	16 35	16 10	12 50	13 40	6 39
S 13	23 9	4 38	2 26	21 18	0 19	21 27	0 30	15 6	2 51	22 7	0 27	20 30	0 13	11 26	0 46	8 58	1 49	22 24	11 54	16 35	16 11	12 53	13 40	6 39
S 14	23 13	1 s44	3 27	21 39	0 11	21 40	0 27	15 4	2 54	22 8	0 27	20 30	0 13	11 26	0 46	8 57	1 48	22 25	11 54	16 35	16 12	12 55	13 39	6 39
M15	23 17	8 8	4 16	22 0	0 4	21 53	0 25	15 2	2 56	22 10	0 27	20 31	0 13	11 26	0 46	8 57	1 48	22 25	11 55	16 35	16 12	12 58	13 39	6 39
T 16	23 20	14 11	4 50	22 19	0s 3	22 5	0 22	15 1	2 58	22 11	0 27	20 32	0 13	11 26	0 46	8 57	1 48	22 26	11 55	16 36	16 13	13 1	13 38	6 38
W17	23 22	19 31	5 6	22 38	0 10	22 16	0 20	14 59	3 0	22 13	0 27	20 33	0 13	11 26	0 46	8 57	1 48	22 26	11 56	16 38	16 14	13 4	13 37	6 38
T 18	23 25	23 43	5 2	22 56	0 17	22 27	0 18	14 58	3 2	22 14	0 27	20 34	0 13	11 27	0 46	8 56	1 48	22 27	11 56	16 40	16 15	13 7	13 37	6 38
F 19	23 26	26 23	4 39	23 12	0 24	22 37	0 15	14 57	3 4	22 16	0 27	20 35	0 13	11 27	0 46	8 56	1 48	22 27	11 56	16 42	16 16	13 10	13 36	6 37
S 20	23 28	27 15	3 58	23 27	0 30	22 46	0 13	14 57	3 7	22 17	0 27	20 36	0 13	11 27	0 46	8 56	1 48	22 28	11 57	16 44	16 17	13 13	13 35	6 37
S 21	23 28	26 19	3 2	23 42	0 37	22 54	0 10	14 56	3 9	22 19	0 27	20 37	0 14	11 27	0 46	8 56	1 48	22 29	11 57	16 46	16 18	13 15	13 35	6 37
M22	23 29	23 45	1 58	23 55	0 43	23 2	0 8	14 56	3 11	22 20	0 27	20 37	0 14	11 28	0 46	8 56	1 48	22 29	11 58	16 48	16 19	13 18	13 34	6 37
T 23	23 29	19 55	0 48	24 6	0 49	23 10	0 5	14 56	3 13	22 22	0 27	20 38	0 14	11 28	0 46	8 56	1 48	22 30	11 58	16 48	16 20	13 21	13 33	6 36
W24	23 28	15 13	0n23	24 17	0 55	23 16	0 3	14 56	3 16	22 23	0 27	20 39	0 14	11 28	0 46	8 55	1 48	22 30	11 58	16 48	16 21	13 24	13 33	6 36
T 25	23 27	9 59	1 30	24 26	1 1	23 22	0 1	14 57	3 18	22 25	0 27	20 40	0 14	11 29	0 46	8 55	1 48	22 31	11 59	16 48	16 22	13 27	13 32	6 36
F 26	23 25	4 29	2 32	24 34	1 7	23 27	0s 2	14 58	3 20	22 26	0 27	20 41	0 14	11 29	0 47	8 55	1 48	22 31	11 59	16 48	16 23	13 30	13 31	6 36
S 27	23 23	1n 3	3 25	24 41	1 12	23 31	0 4	14 59	3 23	22 27	0 26	20 42	0 14	11 29	0 47	8 55	1 48	22 32	11 59	16 47	16 24	13 32	13 30	6 35
S 28	23 21	6 28	4 9	24 46	1 18	23 35	0 7	15 0	3 25	22 28	0 26	20 43	0 14	11 30	0 47	8 55	1 48	22 33	12 0	16 47	16 25	13 35	13 30	6 35
M29	23 18	11 37	4 42	24 50	1 23	23 38	0 9	15 2	3 27	22 30	0 26	20 44	0 15	11 30	0 47	8 55	1 48	22 33	12 0	16 47	16 26	13 38	13 29	6 35
T 30	23 14	16 22	5 3	24 53	1 27	23 40	0 11	15 4	3 30	22 31	0 26	20 45	0 15	11 31	0 47	8 55	1 48	22 34	12 1	16 48	16 26	13 41	13 28	6 35
W31	23 s10	20n30	5n11	24 s54	1 s32	23 s41	0 s14	15n 6	3n32	22 s32	0n26	20n46	0n15	11n31	0n47	8n55	1 s48	22n35	12n 1	16 s49	16 s27	13n44	13 s27	6n35

Julian Day Number = 2345958.5, Delta T = 11.38 sec
Ecliptic obliquity = 23°28'43, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'17, Lahiri = 19°49'18Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

JANUARY 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 52	10♑ 2'26	24♉27	7♑ 3	3♑33	29°R 8	18♐38	28°R15	1°R56	27°R27	0°R18	13°R20	14♒38	23♈56	1♒30	T 1
F 2	6 43 49	11° 3'35	6♊45	8°39	4°49	29♌ 6	18°51	28♋10	1♍55	27♈27	0♍17	13♒15	14°34	24° 3	1°35	F 2
S 3	6 47 45	12° 4'44	19°16	10°16	6° 4	29° 4	19° 4	28° 6	1°54	27°27	0°16	13° 9	14°31	24°10	1°40	S 3
S 4	6 51 42	13° 5'53	2♋ 3	11°53	7°20	29° 1	19°17	28° 1	1°52	27°27	0°16	13° 4	14°28	24°17	1°45	S 4
M 5	6 55 38	14° 7'01	15° 5	13°30	8°35	28°57	19°30	27°56	1°51	27°27	0°15	13° 0	14°25	24°23	1°49	M 5
T 6	6 59 35	15° 8'10	28°21	15° 8	9°51	28°52	19°43	27°52	1°49	27°27	0°14	12°57	14°22	24°30	1°54	T 6
W 7	7 3 31	16° 9'18	11♌50	16°47	11° 6	28°47	19°56	27°47	1°48	27°27	0°13	12°D57	14°19	24°37	1°59	W 7
T 8	7 7 28	17°10'25	25°31	18°25	12°22	28°41	20° 9	27°42	1°46	27°D27	0°12	12°57	14°15	24°43	2° 4	T 8
F 9	7 11 24	18°11'33	9♍21	20° 5	13°37	28°34	20°22	27°37	1°45	27°27	0°11	12°58	14°12	24°50	2° 9	F 9
S 10	7 15 21	19°12'40	23°18	21°44	14°52	28°26	20°34	27°32	1°43	27°27	0°10	13° 0	14° 9	24°57	2°14	S 10
S 11	7 19 18	20°13'47	7♎22	23°24	16° 8	28°17	20°47	27°27	1°41	27°27	0° 8	13° 1	14° 6	25° 4	2°18	S 11
M12	7 23 14	21°14'54	21°31	25° 5	17°23	28° 8	21° 0	27°23	1°39	27°27	0° 7	13°R 2	14° 3	25°10	2°23	M12
T 13	7 27 11	22°16'01	5♏43	26°46	18°39	27°57	21°13	27°18	1°38	27°27	0° 6	13° 1	13°59	25°17	2°28	T 13
W14	7 31 7	23°17'08	19°55	28°28	19°54	27°46	21°25	27°13	1°36	27°27	0° 5	13° 0	13°56	25°24	2°33	W14
T 15	7 35 4	24°18'15	4♐ 6	0♒10	21°10	27°34	21°38	27° 8	1°34	27°27	0° 4	12°57	13°53	25°30	2°38	T 15
F 16	7 39 0	25°19'21	18°11	1°52	22°25	27°22	21°50	27° 3	1°32	27°28	0° 3	12°55	13°50	25°37	2°43	F 16
S 17	7 42 57	26°20'27	2♑ 7	3°35	23°40	27° 8	22° 3	26°58	1°30	27°28	0° 2	12°52	13°47	25°44	2°48	S 17
S 18	7 46 53	27°21'32	15°51	5°18	24°56	26°54	22°15	26°53	1°28	27°28	0° 0	12°50	13°44	25°51	2°53	S 18
M19	7 50 50	28°22'36	29°20	7° 1	26°11	26°39	22°27	26°48	1°26	27°29	29♌59	12°49	13°40	25°57	2°58	M19
T 20	7 54 47	29°23'40	12♒31	8°44	27°27	26°23	22°40	26°43	1°24	27°29	29°58	12°D49	13°37	26° 4	3° 3	T 20
W21	7 58 43	0♒24'43	25°25	10°28	28°42	26° 7	22°52	26°38	1°22	27°30	29°57	12°49	13°34	26°11	3° 8	W21
T 22	8 2 40	1°25'45	8♓ 1	12°11	29°58	25°49	23° 4	26°33	1°20	27°30	29°55	12°50	13°31	26°17	3°13	T 22
F 23	8 6 36	2°26'45	20°21	13°55	1♒13	25°32	23°16	26°28	1°17	27°30	29°54	12°51	13°28	26°24	3°18	F 23
S 24	8 10 33	3°27'45	2♈29	15°38	2°28	25°13	23°28	26°23	1°15	27°31	29°53	12°52	13°25	26°31	3°23	S 24
S 25	8 14 29	4°28'43	14°27	17°20	3°44	24°54	23°40	26°19	1°13	27°32	29°51	12°53	13°21	26°38	3°28	S 25
M26	8 18 26	5°29'41	26°19	19° 1	4°59	24°35	23°52	26°14	1°11	27°32	29°50	12°53	13°18	26°44	3°33	M26
T 27	8 22 22	6°30'37	8♉12	20°42	6°14	24°14	24° 3	26° 9	1° 9	27°33	29°49	12°R54	13°15	26°51	3°38	T 27
W28	8 26 19	7°31'31	20° 8	22°21	7°30	23°54	24°15	26° 4	1° 6	27°34	29°47	12°53	13°12	26°58	3°43	W28
T 29	8 30 16	8°32'25	2♊14	23°58	8°45	23°32	24°27	25°59	1° 4	27°34	29°46	12°53	13° 9	27° 4	3°48	T 29
F 30	8 34 12	9°33'17	14°33	25°33	10° 0	23°11	24°38	25°54	1° 1	27°35	29°44	12°53	13° 5	27°11	3°53	F 30
S 31	8 38 9	10♒34'08	27♊ 8	27♒ 6	11♒16	22♌49	24♐50	25♋50	0♍59	27♈36	29♌43	12♒52	13♒ 2	27♈18	3♒57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 6	23n51	5n 5	24s54	1s36	23s42	0s16	15n 8	3n34	22s33	0n26	20n47	0n15	11n32	0n47	8n55	1s47	22n35	12n 1	16s51	16s28	13n46	13s26	6n35
F 2	23 1	26 10	4 46	24 52	1 41	23 42	0 19	15 11	3 36	22 35	0 26	20 48	0 15	11 32	0 47	8 55	1 47	22 36	12 2	16 52	16 29	13 49	13 26	6 34
S 3	22 56	27 14	4 12	24 49	1 44	23 41	0 21	15 14	3 39	22 36	0 26	20 49	0 15	11 33	0 47	8 55	1 47	22 36	12 2	16 54	16 30	13 52	13 25	6 34
S 4	22 50	26 53	3 25	24 44	1 48	23 40	0 23	15 17	3 41	22 37	0 26	20 50	0 15	11 33	0 47	8 55	1 47	22 37	12 2	16 55	16 31	13 55	13 24	6 34
M 5	22 44	25 3	2 27	24 38	1 51	23 37	0 26	15 21	3 43	22 38	0 26	20 52	0 15	11 34	0 47	8 55	1 47	22 38	12 3	16 56	16 32	13 58	13 23	6 34
T 6	22 37	21 49	1 19	24 31	1 54	23 34	0 28	15 24	3 46	22 39	0 26	20 53	0 16	11 34	0 47	8 55	1 47	22 38	12 3	16 57	16 33	14 0	13 22	6 34
W 7	22 30	17 22	0 6	24 21	1 57	23 31	0 30	15 28	3 48	22 40	0 26	20 54	0 16	11 35	0 47	8 55	1 47	22 39	12 3	16 57	16 34	14 3	13 21	6 34
T 8	22 22	11 58	1s 9	24 11	1 59	23 26	0 32	15 33	3 50	22 41	0 26	20 55	0 16	11 36	0 47	8 55	1 47	22 40	12 4	16 57	16 35	14 6	13 20	6 33
F 9	22 14	5 55	2 20	23 58	2 1	23 21	0 34	15 37	3 52	22 42	0 26	20 56	0 16	11 36	0 47	8 55	1 47	22 40	12 4	16 57	16 36	14 9	13 19	6 33
S 10	22 6	0s28	3 24	23 45	2 3	23 15	0 37	15 42	3 55	22 43	0 26	20 57	0 16	11 37	0 47	8 55	1 47	22 41	12 4	16 56	16 37	14 11	13 18	6 33
S 11	21 57	6 51	4 16	23 29	2 4	23 9	0 39	15 47	3 57	22 44	0 26	20 58	0 16	11 38	0 47	8 55	1 47	22 42	12 5	16 56	16 38	14 14	13 17	6 33
M12	21 48	12 56	4 53	23 12	2 5	23 1	0 41	15 53	3 59	22 45	0 25	20 59	0 16	11 38	0 47	8 55	1 47	22 43	12 5	16 56	16 38	14 17	13 16	6 33
T 13	21 38	18 21	5 12	22 53	2 6	22 53	0 43	15 58	4 1	22 46	0 25	21 0	0 16	11 39	0 47	8 55	1 47	22 43	12 5	16 56	16 39	14 20	13 15	6 33
W14	21 28	22 46	5 13	22 33	2 6	22 45	0 45	16 4	4 3	22 47	0 25	21 1	0 16	11 40	0 47	8 55	1 47	22 44	12 6	16 57	16 40	14 22	13 14	6 33
T 15	21 17	25 49	4 54	22 11	2 5	22 35	0 47	16 10	4 5	22 48	0 25	21 2	0 17	11 40	0 47	8 56	1 47	22 45	12 6	16 57	16 41	14 25	13 13	6 33
F 16	21 6	27 14	4 17	21 48	2 4	22 25	0 49	16 16	4 7	22 48	0 25	21 3	0 17	11 41	0 47	8 56	1 47	22 45	12 6	16 58	16 42	14 28	13 12	6 33
S 17	20 55	26 54	3 26	21 23	2 3	22 14	0 51	16 23	4 9	22 49	0 25	21 4	0 17	11 42	0 47	8 56	1 47	22 46	12 6	16 59	16 43	14 31	13 11	6 33
S 18	20 43	24 55	2 24	20 56	2 1	22 3	0 53	16 30	4 11	22 50	0 25	21 5	0 17	11 42	0 47	8 56	1 46	22 47	12 7	16 59	16 44	14 33	13 10	6 33
M19	20 31	21 32	1 14	20 28	1 59	21 51	0 55	16 37	4 13	22 51	0 25	21 6	0 17	11 43	0 47	8 56	1 46	22 47	12 7	16 59	16 45	14 36	13 9	6 32
T 20	20 19	17 6	0 2	19 58	1 56	21 38	0 57	16 44	4 15	22 51	0 25	21 8	0 17	11 44	0 47	8 56	1 46	22 48	12 7	17 0	16 46	14 39	13 8	6 32
W21	20 6	11 59	1n 9	19 27	1 52	21 24	0 58	16 51	4 16	22 52	0 25	21 9	0 17	11 45	0 47	8 57	1 46	22 49	12 7	16 59	16 47	14 42	13 7	6 32
T 22	19 52	6 29	2 15	18 54	1 48	21 10	1 0	16 59	4 18	22 53	0 25	21 10	0 17	11 46	0 47	8 57	1 46	22 50	12 8	16 59	16 48	14 44	13 6	6 32
F 23	19 39	0 52	3 13	18 19	1 43	20 55	1 2	17 6	4 20	22 54	0 25	21 11	0 17	11 46	0 47	8 57	1 46	22 50	12 8	16 59	16 49	14 47	13 5	6 32
S 24	19 25	4n41	4 2	17 44	1 38	20 40	1 3	17 14	4 21	22 54	0 25	21 12	0 17	11 47	0 47	8 57	1 46	22 51	12 8	16 59	16 49	14 50	13 4	6 32
S 25	19 10	9 59	4 39	17 7	1 31	20 24	1 5	17 22	4 23	22 55	0 25	21 13	0 18	11 48	0 48	8 58	1 46	22 52	12 8	16 58	16 50	14 52	13 3	6 32
M26	18 56	14 53	5 4	16 29	1 24	20 8	1 7	17 30	4 24	22 55	0 25	21 14	0 18	11 49	0 48	8 58	1 46	22 52	12 9	16 58	16 51	14 55	13 2	6 32
T 27	18 41	19 14	5 16	15 50	1 17	19 50	1 8	17 38	4 25	22 56	0 25	21 15	0 18	11 50	0 48	8 58	1 46	22 53	12 9	16 58	16 52	14 58	13 1	6 32
W28	18 25	22 51	5 14	15 10	1 8	19 33	1 9	17 46	4 27	22 57	0 25	21 16	0 18	11 50	0 48	8 58	1 46	22 54	12 9	16 58	16 53	15 1	12 59	6 32
T 29	18 9	25 32	4 59	14 29	0 59	19 14	1 11	17 54	4 28	22 57	0 25	21 17	0 18	11 51	0 48	8 59	1 46	22 54	12 9	16 58	16 54	15 3	12 58	6 32
F 30	17 53	27 3	4 30	13 47	0 49	18 56	1 12	18 2	4 29	22 58	0 25	21 18	0 18	11 52	0 48	8 59	1 46	22 55	12 10	16 59	16 55	15 6	12 57	6 32
S 31	17s37	27n14	3n47	13s 6	0s38	18s36	1s13	18n11	4n30	22s58	0n25	21n19	0n18	11n53	0n48	8n59	1s46	22n56	12n10	16s59	16s56	15n 9	12s56	6n32

Julian Day Number = 2345989.5, Delta T = 11.36 sec
Ecliptic obliquity = 23°28'43, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'21, Lahiri = 19°49'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

FEBRUARY 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 5	11♒34'57	10♋ 3	28♒35	12♒31	22°R26	25♐ 1	25°R45	0°R57	27♈37	29°R42	12°R52	12♒59	27♈25	4♒ 2	S 1
M 2	8 46 2	12°35'45	23°19	0♓ 0	13°46	22♌ 3	25°12	25♋40	0♍54	27°37	29♌40	12°D52	12°56	27°31	4° 7	M 2
T 3	8 49 58	13°36'32	6♌54	1°21	15° 1	21°40	25°24	25°36	0°52	27°38	29°39	12°R52	12°53	27°38	4°12	T 3
W 4	8 53 55	14°37'18	20°49	2°37	16°17	21°17	25°35	25°31	0°49	27°39	29°37	12♒52	12°50	27°45	4°17	W 4
T 5	8 57 51	15°38'02	4♍58	3°47	17°32	20°53	25°46	25°27	0°47	27°40	29°36	12°52	12°46	27°52	4°22	T 5
F 6	9 1 48	16°38'45	19°17	4°50	18°47	20°30	25°57	25°22	0°44	27°41	29°34	12°51	12°43	27°58	4°27	F 6
S 7	9 5 45	17°39'26	3♎43	5°45	20° 2	20° 6	26° 8	25°18	0°42	27°42	29°33	12°51	12°40	28° 5	4°32	S 7
S 8	9 9 41	18°40'07	18° 8	6°33	21°18	19°42	26°18	25°14	0°39	27°43	29°31	12°50	12°37	28°12	4°37	S 8
M 9	9 13 38	19°40'46	2♏30	7°12	22°33	19°18	26°29	25° 9	0°37	27°44	29°30	12°50	12°34	28°18	4°41	M 9
T 10	9 17 34	20°41'25	16°45	7°41	23°48	18°54	26°40	25° 5	0°34	27°45	29°28	12°D50	12°31	28°25	4°46	T 10
W11	9 21 31	21°42'02	0♐50	8° 1	25° 3	18°30	26°50	25° 1	0°32	27°46	29°27	12°50	12°27	28°32	4°51	W11
T 12	9 25 27	22°42'38	14°44	8°R10	26°18	18° 6	27° 0	24°57	0°29	27°48	29°25	12°50	12°24	28°39	4°56	T 12
F 13	9 29 24	23°43'13	28°25	8° 9	27°33	17°43	27°11	24°53	0°26	27°49	29°24	12°51	12°21	28°45	5° 1	F 13
S 14	9 33 20	24°43'47	11♑54	7°57	28°48	17°19	27°21	24°49	0°24	27°50	29°22	12°52	12°18	28°52	5° 5	S 14
S 15	9 37 17	25°44'19	25°10	7°35	0♓ 4	16°56	27°31	24°45	0°21	27°51	29°21	12°53	12°15	28°59	5°10	S 15
M16	9 41 14	26°44'50	8♒13	7° 4	1°19	16°33	27°41	24°41	0°18	27°52	29°19	12°R54	12°11	29° 5	5°15	M16
T 17	9 45 10	27°45'20	21° 3	6°24	2°34	16°10	27°51	24°38	0°16	27°54	29°18	12°54	12° 8	29°12	5°19	T 17
W18	9 49 7	28°45'47	3♓41	5°36	3°49	15°48	28° 1	24°34	0°13	27°55	29°16	12°53	12° 5	29°19	5°24	W18
T 19	9 53 3	29°46'13	16° 7	4°42	5° 4	15°26	28°10	24°30	0°11	27°56	29°15	12°51	12° 2	29°26	5°29	T 19
F 20	9 57 0	0♓46'37	28°21	3°42	6°19	15° 5	28°20	24°27	0° 8	27°58	29°13	12°48	11°59	29°32	5°33	F 20
S 21	10 0 56	1°47'00	10♈25	2°39	7°34	14°44	28°29	24°23	0° 5	27°59	29°12	12°45	11°56	29°39	5°38	S 21
S 22	10 4 53	2°47'20	22°22	1°35	8°49	14°24	28°39	24°20	0° 3	28° 1	29°10	12°42	11°52	29°46	5°42	S 22
M23	10 8 49	3°47'39	4♉15	0°30	10° 4	14° 4	28°48	24°17	0° 0	28° 2	29° 9	12°39	11°49	29°52	5°47	M23
T 24	10 12 46	4°47'56	16° 7	29♒26	11°19	13°45	28°57	24°14	29♌57	28° 4	29° 7	12°37	11°46	29°59	5°51	T 24
W25	10 16 43	5°48'10	28° 2	28°25	12°34	13°26	29° 6	24°11	29°55	28° 5	29° 6	12°35	11°43	0♉ 6	5°56	W25
T 26	10 20 39	6°48'23	10♊ 5	27°29	13°49	13° 8	29°15	24° 8	29°52	28° 7	29° 4	12°D35	11°40	0°13	6° 0	T 26
F 27	10 24 36	7°48'34	22°21	26°37	15° 4	12°51	29°23	24° 5	29°50	28° 8	29° 3	12°36	11°37	0°19	6° 5	F 27
S 28	10 28 32	8♓48'42	4♋54	25♒50	16♓19	12♌34	29♐32	24♋ 2	29♌47	28♈10	29♌ 1	12♒37	11♒33	0♉26	6♒ 9	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s20	25n57	2n52	12s24	0s26	18s16	1s15	18n19	4n30	22s59	0n24	21n20	0n18	11n54	0n48	9n 0	1s46	22n57	12n10	16s59	16s57	15n11	12s55	6n32
M 2	17 3	23 13	1 46	11 42	0 14	17 56	1 16	18 27	4 31	22 59	0 24	21 21	0 18	11 55	0 48	9 0	1 46	22 57	12 10	16 59	16 58	15 14	12 54	6 33
T 3	16 46	19 6	0 33	11 1	0 1	17 35	1 17	18 35	4 32	23 0	0 24	21 22	0 18	11 56	0 48	9 0	1 46	22 58	12 10	16 59	16 58	15 17	12 53	6 33
W 4	16 28	13 53	0s44	10 21	0n13	17 13	1 18	18 43	4 32	23 0	0 24	21 23	0 19	11 57	0 48	9 1	1 45	22 59	12 10	16 59	16 59	15 19	12 51	6 33
T 5	16 11	7 51	2 0	9 43	0 28	16 52	1 19	18 51	4 33	23 0	0 24	21 23	0 19	11 57	0 48	9 1	1 45	22 59	12 11	16 59	17 0	15 22	12 50	6 33
F 6	15 52	1 21	3 9	9 6	0 43	16 29	1 20	18 59	4 33	23 1	0 24	21 24	0 19	11 58	0 48	9 2	1 45	23 0	12 11	16 59	17 1	15 25	12 49	6 33
S 7	15 34	5s14	4 6	8 31	0 58	16 6	1 21	19 7	4 33	23 1	0 24	21 25	0 19	11 59	0 48	9 2	1 45	23 1	12 11	16 59	17 2	15 27	12 48	6 33
S 8	15 15	11 33	4 48	7 58	1 14	15 43	1 22	19 15	4 33	23 1	0 24	21 26	0 19	12 0	0 48	9 2	1 45	23 1	12 11	16 59	17 3	15 30	12 47	6 33
M 9	14 56	17 14	5 12	7 29	1 31	15 19	1 22	19 23	4 33	23 2	0 24	21 27	0 19	12 1	0 48	9 3	1 45	23 2	12 11	16 59	17 4	15 33	12 45	6 33
T 10	14 37	21 55	5 16	7 3	1 47	14 55	1 23	19 30	4 33	23 2	0 24	21 28	0 19	12 2	0 48	9 3	1 45	23 3	12 11	16 59	17 5	15 35	12 44	6 33
W11	14 18	25 16	5 1	6 41	2 3	14 30	1 24	19 37	4 33	23 2	0 24	21 29	0 19	12 3	0 48	9 4	1 45	23 3	12 12	16 59	17 6	15 38	12 43	6 33
T 12	13 58	27 4	4 29	6 23	2 19	14 6	1 24	19 45	4 32	23 3	0 24	21 30	0 19	12 4	0 48	9 4	1 45	23 4	12 12	16 59	17 7	15 40	12 42	6 33
F 13	13 38	27 10	3 42	6 9	2 34	13 40	1 25	19 52	4 32	23 3	0 24	21 30	0 19	12 5	0 48	9 5	1 45	23 5	12 12	16 59	17 7	15 43	12 41	6 33
S 14	13 18	25 39	2 43	6 0	2 48	13 14	1 25	19 58	4 31	23 3	0 24	21 31	0 19	12 6	0 48	9 5	1 45	23 5	12 12	16 59	17 8	15 46	12 39	6 34
S 15	12 58	22 43	1 37	5 56	3 1	12 48	1 26	20 5	4 31	23 3	0 24	21 32	0 20	12 7	0 48	9 6	1 45	23 6	12 12	16 58	17 9	15 48	12 38	6 34
M16	12 37	18 39	0 26	5 56	3 13	12 22	1 26	20 11	4 30	23 4	0 24	21 33	0 20	12 8	0 48	9 6	1 45	23 7	12 12	16 58	17 10	15 51	12 37	6 34
T 17	12 16	13 48	0n45	6 2	3 24	11 55	1 26	20 17	4 29	23 4	0 24	21 33	0 20	12 9	0 48	9 7	1 45	23 7	12 12	16 58	17 11	15 54	12 36	6 34
W18	11 55	8 26	1 52	6 11	3 32	11 28	1 27	20 23	4 28	23 4	0 24	21 34	0 20	12 10	0 48	9 7	1 45	23 8	12 12	16 59	17 12	15 56	12 34	6 34
T 19	11 34	2 50	2 53	6 25	3 38	11 1	1 27	20 29	4 27	23 4	0 24	21 35	0 20	12 10	0 48	9 8	1 45	23 9	12 12	16 59	17 13	15 59	12 33	6 34
F 20	11 13	2n47	3 45	6 43	3 42	10 33	1 27	20 34	4 26	23 4	0 24	21 36	0 20	12 11	0 48	9 8	1 45	23 9	12 12	17 0	17 14	16 1	12 32	6 35
S 21	10 51	8 13	4 26	7 3	3 44	10 5	1 27	20 39	4 24	23 5	0 24	21 36	0 20	12 12	0 48	9 9	1 45	23 10	12 12	17 1	17 15	16 4	12 31	6 35
S 22	10 30	13 17	4 55	7 26	3 44	9 37	1 27	20 44	4 23	23 5	0 24	21 37	0 20	12 13	0 48	9 9	1 45	23 10	12 13	17 2	17 15	16 6	12 29	6 35
M23	10 8	17 50	5 11	7 52	3 41	9 9	1 27	20 48	4 22	23 5	0 24	21 38	0 20	12 14	0 48	9 10	1 44	23 11	12 13	17 2	17 16	16 9	12 28	6 35
T 24	9 46	21 41	5 14	8 18	3 37	8 40	1 26	20 53	4 20	23 5	0 24	21 38	0 20	12 15	0 48	9 11	1 44	23 12	12 13	17 3	17 17	16 12	12 27	6 35
W25	9 24	24 40	5 3	8 45	3 30	8 11	1 26	20 57	4 19	23 5	0 23	21 39	0 20	12 16	0 48	9 11	1 44	23 12	12 13	17 3	17 18	16 14	12 26	6 35
T 26	9 2	26 36	4 39	9 12	3 22	7 42	1 26	21 0	4 17	23 5	0 23	21 39	0 20	12 17	0 48	9 12	1 44	23 13	12 13	17 3	17 19	16 17	12 24	6 36
F 27	8 39	27 17	4 2	9 39	3 12	7 12	1 25	21 4	4 15	23 5	0 23	21 40	0 21	12 18	0 48	9 12	1 44	23 13	12 13	17 3	17 20	16 19	12 23	6 36
S 28	8s17	26n36	3n13	10s 5	3n 1	6s43	1s25	21n 7	4n13	23s 5	0n23	21n41	0n21	12n19	0n48	9n13	1s44	23n14	12n13	17s 3	17s21	16n22	12s22	6n36

Julian Day Number = 2346020.5, Delta T = 11.35 sec
Ecliptic obliquity = 23°28'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'26, Lahiri = 19°49'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

MARCH 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 32 29	9♓48'49	17♋48	25°R10	17♓33	12°R18	29♐40	23°R59	29°R44	28♈12	29°R 0	12♒39	11♒30	0♉33	6♒13	S 1
M 2	10 36 25	10°48'53	1♌ 6	24♒37	18°48	12♌ 3	29°49	23♋57	29♌42	28°13	28♌58	12°40	11°27	0°40	6°18	M 2
T 3	10 40 22	11°48'55	14°51	24°10	20° 3	11°48	29°57	23°54	29°39	28°15	28°57	12°R41	11°24	0°46	6°22	T 3
W 4	10 44 18	12°48'55	29° 0	23°50	21°18	11°35	0♑ 5	23°52	29°37	28°17	28°55	12°40	11°21	0°53	6°26	W 4
T 5	10 48 15	13°48'53	13♍31	23°37	22°33	11°22	0°13	23°49	29°34	28°18	28°54	12°37	11°17	1° 0	6°30	T 5
F 6	10 52 12	14°48'49	28°17	23°31	23°47	11° 9	0°21	23°47	29°32	28°20	28°52	12°33	11°14	1° 6	6°35	F 6
S 7	10 56 8	15°48'44	13♎11	23°D31	25° 2	10°58	0°28	23°45	29°29	28°22	28°51	12°29	11°11	1°13	6°39	S 7
S 8	11 0 5	16°48'36	28° 5	23°37	26°17	10°47	0°36	23°43	29°27	28°23	28°49	12°24	11° 8	1°20	6°43	S 8
M 9	11 4 1	17°48'27	12♏50	23°49	27°32	10°37	0°43	23°41	29°24	28°25	28°48	12°19	11° 5	1°27	6°47	M 9
T 10	11 7 58	18°48'16	27°20	24° 6	28°46	10°28	0°51	23°39	29°22	28°27	28°46	12°16	11° 2	1°33	6°51	T 10
W11	11 11 54	19°48'04	11♐31	24°29	0♈ 1	10°19	0°58	23°38	29°19	28°29	28°45	12°14	10°58	1°40	6°55	W11
T 12	11 15 51	20°47'50	25°22	24°56	1°15	10°12	1° 5	23°36	29°17	28°31	28°44	12°D14	10°55	1°47	6°59	T 12
F 13	11 19 47	21°47'34	8♑52	25°28	2°30	10° 5	1°12	23°35	29°15	28°33	28°42	12°15	10°52	1°53	7° 3	F 13
S 14	11 23 44	22°47'17	22° 4	26° 5	3°45	9°59	1°18	23°33	29°12	28°35	28°41	12°16	10°49	2° 0	7° 6	S 14
S 15	11 27 41	23°46'57	5♒ 0	26°45	4°59	9°54	1°25	23°32	29°10	28°37	28°40	12°17	10°46	2° 7	7°10	S 15
M16	11 31 37	24°46'36	17°43	27°29	6°14	9°49	1°31	23°31	29° 8	28°38	28°38	12°R17	10°42	2°14	7°14	M16
T 17	11 35 34	25°46'13	0♓13	28°17	7°28	9°46	1°37	23°30	29° 5	28°40	28°37	12°16	10°39	2°20	7°18	T 17
W18	11 39 30	26°45'48	12°34	29° 8	8°43	9°43	1°43	23°29	29° 3	28°42	28°36	12°12	10°36	2°27	7°21	W18
T 19	11 43 27	27°45'21	24°46	0♓ 3	9°57	9°40	1°49	23°28	29° 1	28°44	28°34	12° 6	10°33	2°34	7°25	T 19
F 20	11 47 23	28°44'52	6♈51	1° 0	11°12	9°39	1°55	23°27	28°59	28°46	28°33	11°58	10°30	2°41	7°28	F 20
S 21	11 51 20	29°44'21	18°50	2° 0	12°26	9°D38	2° 1	23°27	28°57	28°48	28°32	11°49	10°27	2°47	7°32	S 21
S 22	11 55 16	0♈43'48	0♉44	3° 2	13°40	9°38	2° 6	23°26	28°54	28°50	28°30	11°39	10°23	2°54	7°35	S 22
M23	11 59 13	1°43'12	12°36	4° 8	14°55	9°39	2°11	23°26	28°52	28°52	28°29	11°30	10°20	3° 1	7°39	M23
T 24	12 3 10	2°42'35	24°27	5°15	16° 9	9°41	2°16	23°26	28°50	28°55	28°28	11°22	10°17	3° 7	7°42	T 24
W25	12 7 6	3°41'55	6♊22	6°25	17°23	9°43	2°21	23°25	28°48	28°57	28°27	11°16	10°14	3°14	7°45	W25
T 26	12 11 3	4°41'13	18°23	7°37	18°38	9°46	2°26	23°D25	28°46	28°59	28°26	11°12	10°11	3°21	7°49	T 26
F 27	12 14 59	5°40'29	0♋35	8°51	19°52	9°50	2°31	23°25	28°44	29° 1	28°24	11°D11	10° 8	3°28	7°52	F 27
S 28	12 18 56	6°39'42	13° 3	10° 7	21° 6	9°54	2°35	23°26	28°42	29° 3	28°23	11°11	10° 4	3°34	7°55	S 28
S 29	12 22 52	7°38'53	25°52	11°25	22°20	9°59	2°39	23°26	28°41	29° 5	28°22	11°12	10° 1	3°41	7°58	S 29
M30	12 26 49	8°38'02	9♌ 5	12°45	23°35	10° 5	2°43	23°26	28°39	29° 7	28°21	11°R12	9°58	3°48	8° 1	M30
T 31	12 30 45	9♈37'08	22♌47	14♓ 6	24♈49	10♌11	2♑47	23♋27	28♌37	29♈ 9	28♌20	11♒12	9♒55	3♉54	8♒ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s54	24n29	2n12	10s30	2n49	6s13	1s25	21n 9	4n12	23s 5	0n23	21n41	0n21	12n20	0n48	9n14	1s44	23n14	12n13	17s 2	17s22	16n24	12s21	6n36
M 2	7 31	20 58	1 3	10 53	2 36	5 43	1 24	21 12	4 10	23 5	0 23	21 42	0 21	12 21	0 48	9 14	1 44	23 15	12 13	17 2	17 22	16 27	12 19	6 37
T 3	7 9	16 13	0s12	11 14	2 23	5 13	1 23	21 14	4 8	23 5	0 23	21 42	0 21	12 21	0 48	9 15	1 44	23 16	12 13	17 2	17 23	16 30	12 18	6 37
W 4	6 46	10 28	1 28	11 34	2 9	4 43	1 23	21 16	4 6	23 6	0 23	21 43	0 21	12 22	0 48	9 15	1 44	23 16	12 13	17 2	17 24	16 32	12 17	6 37
T 5	6 23	4 1	2 41	11 52	1 55	4 13	1 22	21 18	4 4	23 6	0 23	21 43	0 21	12 23	0 48	9 16	1 44	23 17	12 13	17 3	17 25	16 35	12 15	6 37
F 6	5 59	2s44	3 43	12 7	1 41	3 43	1 21	21 19	4 2	23 6	0 23	21 44	0 21	12 24	0 48	9 17	1 44	23 17	12 13	17 4	17 26	16 37	12 14	6 38
S 7	5 36	9 23	4 32	12 20	1 27	3 12	1 20	21 21	3 59	23 6	0 23	21 44	0 21	12 25	0 48	9 17	1 44	23 18	12 13	17 5	17 27	16 40	12 13	6 38
S 8	5 13	15 30	5 2	12 32	1 13	2 42	1 19	21 22	3 57	23 6	0 23	21 44	0 21	12 26	0 48	9 18	1 44	23 18	12 13	17 7	17 28	16 42	12 12	6 38
M 9	4 50	20 39	5 11	12 41	0 59	2 11	1 18	21 22	3 55	23 6	0 23	21 45	0 21	12 27	0 48	9 19	1 44	23 19	12 13	17 8	17 29	16 45	12 10	6 38
T 10	4 26	24 28	5 1	12 48	0 45	1 40	1 17	21 23	3 53	23 6	0 23	21 45	0 21	12 28	0 48	9 19	1 44	23 19	12 13	17 9	17 29	16 47	12 9	6 39
W11	4 3	26 41	4 32	12 53	0 32	1 9	1 16	21 23	3 51	23 6	0 23	21 46	0 21	12 28	0 48	9 20	1 44	23 20	12 12	17 9	17 30	16 50	12 8	6 39
T 12	3 39	27 11	3 47	12 56	0 19	0 39	1 15	21 23	3 48	23 6	0 23	21 46	0 21	12 29	0 48	9 21	1 44	23 20	12 12	17 10	17 31	16 52	12 7	6 39
F 13	3 16	26 2	2 51	12 57	0 7	0 8	1 14	21 22	3 46	23 6	0 23	21 46	0 22	12 30	0 48	9 22	1 44	23 20	12 12	17 9	17 32	16 55	12 6	6 40
S 14	2 52	23 26	1 48	12 56	0s 5	0n23	1 12	21 22	3 44	23 5	0 23	21 47	0 22	12 31	0 48	9 22	1 44	23 21	12 12	17 9	17 33	16 57	12 4	6 40
S 15	2 28	19 41	0 39	12 53	0 17	0 54	1 11	21 21	3 42	23 5	0 23	21 47	0 22	12 32	0 48	9 23	1 44	23 21	12 12	17 8	17 34	17 0	12 3	6 40
M16	2 5	15 5	0n29	12 48	0 28	1 25	1 9	21 20	3 39	23 5	0 23	21 47	0 22	12 32	0 48	9 24	1 44	23 22	12 12	17 8	17 35	17 2	12 2	6 41
T 17	1 41	9 55	1 36	12 42	0 39	1 56	1 8	21 19	3 37	23 5	0 23	21 47	0 22	12 33	0 48	9 24	1 44	23 22	12 12	17 9	17 36	17 5	12 1	6 41
W18	1 17	4 27	2 36	12 34	0 49	2 27	1 6	21 17	3 35	23 5	0 23	21 48	0 22	12 34	0 48	9 25	1 44	23 22	12 12	17 10	17 36	17 7	11 59	6 41
T 19	0 54	1n 7	3 29	12 24	0 59	2 57	1 5	21 16	3 32	23 5	0 23	21 48	0 22	12 35	0 48	9 26	1 44	23 23	12 12	17 12	17 37	17 10	11 58	6 41
F 20	0 30	6 34	4 11	12 12	1 8	3 28	1 3	21 14	3 30	23 5	0 23	21 48	0 22	12 35	0 48	9 27	1 44	23 23	12 12	17 14	17 38	17 12	11 57	6 42
S 21	0 6	11 44	4 42	11 59	1 17	3 59	1 2	21 12	3 28	23 5	0 23	21 48	0 22	12 36	0 48	9 27	1 44	23 24	12 12	17 16	17 39	17 15	11 56	6 42
S 22	0n17	16 26	5 1	11 44	1 25	4 29	1 0	21 10	3 25	23 5	0 23	21 48	0 22	12 37	0 48	9 28	1 43	23 24	12 11	17 19	17 40	17 17	11 55	6 43
M23	0 41	20 30	5 6	11 27	1 33	5 0	0 58	21 7	3 23	23 5	0 22	21 48	0 22	12 38	0 48	9 29	1 43	23 24	12 11	17 22	17 41	17 19	11 53	6 43
T 24	1 5	23 44	4 58	11 9	1 40	5 30	0 56	21 5	3 21	23 5	0 22	21 48	0 22	12 38	0 48	9 30	1 43	23 25	12 11	17 24	17 42	17 22	11 52	6 43
W25	1 28	25 58	4 38	10 50	1 47	6 0	0 54	21 2	3 18	23 5	0 22	21 49	0 22	12 39	0 47	9 30	1 43	23 25	12 11	17 26	17 42	17 24	11 51	6 44
T 26	1 52	27 2	4 5	10 29	1 53	6 30	0 52	20 59	3 16	23 5	0 22	21 49	0 22	12 40	0 47	9 31	1 43	23 25	12 11	17 27	17 43	17 27	11 50	6 44
F 27	2 15	26 49	3 20	10 6	1 59	7 0	0 50	20 55	3 14	23 5	0 22	21 49	0 22	12 40	0 47	9 32	1 43	23 25	12 11	17 27	17 44	17 29	11 49	6 44
S 28	2 39	25 14	2 25	9 42	2 4	7 30	0 48	20 52	3 11	23 5	0 22	21 49	0 22	12 41	0 47	9 33	1 43	23 26	12 11	17 27	17 45	17 32	11 48	6 45
S 29	3 2	22 20	1 21	9 17	2 9	8 0	0 46	20 48	3 9	23 5	0 22	21 49	0 23	12 42	0 47	9 33	1 43	23 26	12 10	17 27	17 46	17 34	11 46	6 45
M30	3 26	18 12	0 11	8 50	2 13	8 29	0 44	20 45	3 7	23 5	0 22	21 49	0 23	12 42	0 47	9 34	1 43	23 26	12 10	17 27	17 47	17 37	11 45	6 45
T 31	3n49	12n59	1s 2	8s22	2s17	8n58	0s42	20n41	3n 5	23s 5	0n22	21n49	0n23	12n43	0n47	9n35	1s43	23n26	12n10	17s27	17s48	17n39	11s44	6n46

Julian Day Number = 2346048.5, Delta T = 11.33 sec
Ecliptic obliquity = 23°28'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'29, Lahiri = 19°49'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

APRIL 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 34 42	10♈36'12	6♍57	15♓30	26♈ 3	10♌18	2♑51	23♋27	28°R35	29♈12	28°R19	11°R 9	9♒52	4♉ 1	8♒ 7	W 1
T 2	12 38 39	11°35'14	21°35	16°55	27°17	10°26	2°55	23°28	28♌34	29°14	28♌18	11♒ 4	9°48	4° 8	8°10	T 2
F 3	12 42 35	12°34'13	6♎35	18°21	28°31	10°34	2°58	23°29	28°32	29°16	28°17	10°57	9°45	4°15	8°13	F 3
S 4	12 46 32	13°33'11	21°47	19°50	29°45	10°43	3° 1	23°30	28°30	29°18	28°16	10°48	9°42	4°21	8°16	S 4
S 5	12 50 28	14°32'06	7♏ 3	21°20	0♉59	10°52	3° 4	23°31	28°29	29°20	28°15	10°38	9°39	4°28	8°18	S 5
M 6	12 54 25	15°31'00	22° 9	22°52	2°13	11° 2	3° 7	23°32	28°27	29°22	28°14	10°29	9°36	4°35	8°21	M 6
T 7	12 58 21	16°29'52	6♐58	24°25	3°27	11°12	3°10	23°33	28°26	29°25	28°13	10°22	9°33	4°42	8°23	T 7
W 8	13 2 18	17°28'42	21°24	26° 0	4°41	11°24	3°12	23°35	28°24	29°27	28°12	10°17	9°29	4°48	8°26	W 8
T 9	13 6 14	18°27'30	5♑22	27°36	5°54	11°35	3°15	23°36	28°23	29°29	28°11	10°15	9°26	4°55	8°28	T 9
F 10	13 10 11	19°26'17	18°54	29°14	7° 8	11°47	3°17	23°38	28°21	29°31	28°10	10°D14	9°23	5° 2	8°31	F 10
S 11	13 14 8	20°25'02	2♒ 2	0♈54	8°22	12° 0	3°19	23°40	28°20	29°34	28°10	10°14	9°20	5° 8	8°33	S 11
S 12	13 18 4	21°23'45	14°49	2°35	9°36	12°13	3°21	23°41	28°19	29°36	28° 9	10°R14	9°17	5°15	8°35	S 12
M13	13 22 1	22°22'27	27°20	4°18	10°50	12°27	3°22	23°43	28°18	29°38	28° 8	10°13	9°14	5°22	8°38	M13
T 14	13 25 57	23°21'07	9♓38	6° 2	12° 3	12°41	3°23	23°45	28°16	29°40	28° 7	10° 9	9°10	5°29	8°40	T 14
W15	13 29 54	24°19'45	21°46	7°48	13°17	12°56	3°25	23°47	28°15	29°43	28° 6	10° 3	9° 7	5°35	8°42	W15
T 16	13 33 50	25°18'21	3♈47	9°36	14°31	13°11	3°26	23°50	28°14	29°45	28° 6	9°54	9° 4	5°42	8°44	T 16
F 17	13 37 47	26°16'55	15°44	11°25	15°44	13°26	3°26	23°52	28°13	29°47	28° 5	9°42	9° 1	5°49	8°46	F 17
S 18	13 41 43	27°15'28	27°38	13°16	16°58	13°42	3°27	23°54	28°12	29°49	28° 4	9°29	8°58	5°55	8°48	S 18
S 19	13 45 40	28°13'58	9♉30	15° 9	18°11	13°59	3°28	23°57	28°11	29°52	28° 4	9°15	8°54	6° 2	8°49	S 19
M20	13 49 36	29°12'27	21°22	17° 3	19°25	14°16	3°28	23°59	28°10	29°54	28° 3	9° 1	8°51	6° 9	8°51	M20
T 21	13 53 33	0♉10'54	3♊15	18°59	20°39	14°33	3°R28	24° 2	28° 9	29°56	28° 3	8°49	8°48	6°16	8°53	T 21
W22	13 57 30	1° 9'18	15°12	20°56	21°52	14°51	3°28	24° 5	28° 9	29°58	28° 2	8°40	8°45	6°22	8°55	W22
T 23	14 1 26	2° 7'41	27°15	22°55	23° 5	15° 9	3°27	24° 8	28° 8	0♉ 1	28° 2	8°33	8°42	6°29	8°56	T 23
F 24	14 5 23	3° 6'02	9♋28	24°56	24°19	15°28	3°27	24°11	28° 7	0° 3	28° 1	8°29	8°39	6°36	8°58	F 24
S 25	14 9 19	4° 4'21	21°54	26°58	25°32	15°47	3°26	24°14	28° 7	0° 5	28° 1	8°27	8°35	6°43	8°59	S 25
S 26	14 13 16	5° 2'37	4♌39	29° 1	26°45	16° 6	3°25	24°17	28° 6	0° 7	28° 0	8°27	8°32	6°49	9° 0	S 26
M27	14 17 12	6° 0'52	17°46	1♉ 6	27°59	16°26	3°24	24°21	28° 6	0°10	28° 0	8°27	8°29	6°56	9° 2	M27
T 28	14 21 9	6°59'04	1♍20	3°12	29°12	16°46	3°23	24°24	28° 5	0°12	27°59	8°26	8°26	7° 3	9° 3	T 28
W29	14 25 5	7°57'14	15°23	5°19	0♊25	17° 6	3°22	24°28	28° 5	0°14	27°59	8°23	8°23	7° 9	9° 4	W29
T 30	14 29 2	8♉55'22	29♍54	7♉28	1♊38	17♌27	3♑20	24♋31	28♌ 4	0♉16	27♌59	8♒17	8♒19	7♉16	9♒ 5	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n12	6n55	2s13	7s53	2s21	9n27	0s40	20n37	3n 2	23s 5	0n22	21n49	0n23	12n43	0n47	9n36	1s43	23n27	12n10	17s27	17s48	17n41	11s43	6n46
T 2	4 35	0 19	3 18	7 23	2 23	9 56	0 38	20 33	3 0	23 5	0 22	21 49	0 23	12 44	0 47	9 36	1 43	23 27	12 10	17 29	17 49	17 44	11 42	6 47
F 3	4 58	6s27	4 11	6 51	2 26	10 25	0 36	20 28	2 58	23 5	0 22	21 48	0 23	12 45	0 47	9 37	1 43	23 27	12 10	17 31	17 50	17 46	11 41	6 47
S 4	5 21	12 56	4 47	6 18	2 28	10 53	0 33	20 24	2 56	23 5	0 22	21 48	0 23	12 45	0 47	9 38	1 43	23 27	12 9	17 33	17 51	17 49	11 40	6 47
S 5	5 44	18 39	5 3	5 43	2 29	11 21	0 31	20 19	2 54	23 5	0 22	21 48	0 23	12 46	0 47	9 39	1 43	23 27	12 9	17 36	17 52	17 51	11 39	6 48
M 6	6 7	23 7	4 57	5 8	2 30	11 49	0 29	20 14	2 51	23 5	0 22	21 48	0 23	12 46	0 47	9 40	1 43	23 28	12 9	17 38	17 53	17 53	11 38	6 48
T 7	6 30	25 58	4 31	4 31	2 30	12 16	0 26	20 9	2 49	23 5	0 22	21 48	0 23	12 47	0 47	9 40	1 43	23 28	12 9	17 40	17 54	17 56	11 37	6 49
W 8	6 52	27 0	3 49	3 53	2 30	12 44	0 24	20 4	2 47	23 5	0 22	21 48	0 23	12 47	0 47	9 41	1 43	23 28	12 9	17 42	17 54	17 58	11 36	6 49
T 9	7 15	26 16	2 54	3 14	2 29	13 11	0 21	19 59	2 45	23 5	0 22	21 48	0 23	12 48	0 47	9 42	1 43	23 28	12 8	17 42	17 55	18 0	11 35	6 50
F 10	7 37	23 58	1 51	2 34	2 28	13 37	0 19	19 53	2 43	23 5	0 22	21 47	0 23	12 48	0 47	9 43	1 43	23 28	12 8	17 42	17 56	18 3	11 34	6 50
S 11	7 59	20 27	0 43	1 53	2 26	14 4	0 16	19 48	2 41	23 5	0 22	21 47	0 23	12 48	0 47	9 44	1 43	23 28	12 8	17 42	17 57	18 5	11 33	6 50
S 12	8 21	16 2	0n24	1 10	2 24	14 30	0 14	19 42	2 39	23 5	0 22	21 47	0 23	12 49	0 47	9 44	1 43	23 28	12 8	17 42	17 58	18 7	11 32	6 51
M13	8 43	11 1	1 29	0 27	2 21	14 55	0 11	19 36	2 37	23 5	0 22	21 47	0 23	12 49	0 47	9 45	1 43	23 28	12 7	17 43	17 59	18 10	11 31	6 51
T 14	9 5	5 40	2 29	0n17	2 18	15 20	0 9	19 30	2 35	23 5	0 21	21 46	0 23	12 50	0 47	9 46	1 43	23 28	12 7	17 44	17 59	18 12	11 30	6 52
W15	9 27	0 12	3 21	1 3	2 14	15 45	0 6	19 24	2 33	23 5	0 21	21 46	0 23	12 50	0 47	9 47	1 43	23 28	12 7	17 45	18 0	18 15	11 29	6 52
T 16	9 48	5n14	4 3	1 49	2 10	16 10	0 4	19 18	2 31	23 5	0 21	21 46	0 24	12 50	0 47	9 48	1 43	23 28	12 7	17 48	18 1	18 17	11 28	6 53
F 17	10 10	10 25	4 34	2 36	2 5	16 34	0 1	19 11	2 29	23 5	0 21	21 45	0 24	12 51	0 47	9 48	1 43	23 28	12 7	17 51	18 2	18 19	11 27	6 53
S 18	10 31	15 12	4 54	3 24	2 0	16 57	0n 2	19 5	2 27	23 5	0 21	21 45	0 24	12 51	0 47	9 49	1 43	23 29	12 6	17 55	18 3	18 21	11 26	6 54
S 19	10 52	19 25	5 0	4 13	1 54	17 21	0 4	18 58	2 25	23 5	0 21	21 45	0 24	12 51	0 47	9 50	1 43	23 29	12 6	17 58	18 4	18 24	11 25	6 54
M20	11 13	22 50	4 53	5 3	1 48	17 43	0 7	18 52	2 23	23 5	0 21	21 44	0 24	12 52	0 47	9 51	1 43	23 28	12 6	18 2	18 4	18 26	11 24	6 54
T 21	11 33	25 19	4 33	5 53	1 41	18 6	0 9	18 45	2 21	23 5	0 21	21 44	0 24	12 52	0 47	9 52	1 43	23 28	12 6	18 5	18 5	18 28	11 23	6 55
W22	11 54	26 40	4 2	6 44	1 34	18 27	0 12	18 38	2 19	23 5	0 21	21 43	0 24	12 52	0 47	9 52	1 43	23 28	12 5	18 8	18 6	18 31	11 22	6 55
T 23	12 14	26 46	3 19	7 35	1 26	18 49	0 15	18 30	2 18	23 5	0 21	21 43	0 24	12 52	0 47	9 53	1 43	23 28	12 5	18 9	18 7	18 33	11 22	6 56
F 24	12 34	25 35	2 27	8 27	1 18	19 10	0 17	18 23	2 16	23 5	0 21	21 42	0 24	12 52	0 47	9 54	1 43	23 28	12 5	18 10	18 8	18 35	11 21	6 56
S 25	12 54	23 7	1 26	9 20	1 9	19 30	0 20	18 16	2 14	23 5	0 21	21 42	0 24	12 53	0 47	9 55	1 43	23 28	12 5	18 11	18 9	18 38	11 20	6 57
S 26	13 13	19 27	0 20	10 12	1 0	19 50	0 23	18 8	2 12	23 5	0 21	21 41	0 24	12 53	0 46	9 55	1 43	23 28	12 4	18 11	18 9	18 40	11 19	6 57
M27	13 33	14 45	0s49	11 5	0 51	20 9	0 25	18 1	2 10	23 5	0 21	21 41	0 24	12 53	0 46	9 56	1 43	23 28	12 4	18 11	18 10	18 42	11 18	6 58
T 28	13 52	9 11	1 58	11 57	0 41	20 28	0 28	17 53	2 9	23 5	0 21	21 40	0 24	12 53	0 46	9 57	1 43	23 28	12 4	18 11	18 11	18 44	11 18	6 58
W29	14 11	2 59	3 2	12 49	0 31	20 46	0 31	17 45	2 7	23 6	0 21	21 40	0 24	12 53	0 46	9 58	1 43	23 28	12 3	18 12	18 12	18 47	11 17	6 59
T 30	14n30	3s34	3s56	13n41	0s21	21n 4	0n33	17n37	2n 5	23s 6	0n21	21n39	0n24	12n53	0n46	9n59	1s43	23n28	12n 3	18s13	18s13	18n49	11s16	6n59

Julian Day Number = 2346079.5, Delta T = 11.32 sec
Ecliptic obliquity = 23°28'43, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'34, Lahiri = 19°49'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

MAY 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 32 59	9♉53'29	14♎50	9♉37	2♊52	17♌48	3°R18	24♋35	28°R 4	0♉19	27°R59	8°R 9	8♒16	7♉23	9♒ 6	F 1
S 2	14 36 55	10°51'33	0♏ 4	11°46	4° 5	18°10	3♑16	24°39	28♌ 4	0°21	27♌58	7♒59	8°13	7°30	9° 7	S 2
S 3	14 40 52	11°49'36	15°25	13°56	5°18	18°32	3°14	24°42	28° 4	0°23	27°58	7°48	8°10	7°36	9° 8	S 3
M 4	14 44 48	12°47'38	0♐41	16° 7	6°31	18°54	3°12	24°46	28° 3	0°25	27°58	7°37	8° 7	7°43	9° 9	M 4
T 5	14 48 45	13°45'37	15°42	18°17	7°44	19°16	3° 9	24°50	28° 3	0°28	27°58	7°29	8° 4	7°50	9° 9	T 5
W 6	14 52 41	14°43'36	0♑20	20°26	8°57	19°39	3° 6	24°55	28°D 3	0°30	27°58	7°22	8° 0	7°57	9°10	W 6
T 7	14 56 38	15°41'33	14°29	22°35	10°10	20° 2	3° 4	24°59	28° 3	0°32	27°57	7°19	7°57	8° 3	9°11	T 7
F 8	15 0 34	16°39'29	28° 9	24°43	11°22	20°25	3° 1	25° 3	28° 3	0°34	27°57	7°17	7°54	8°10	9°11	F 8
S 9	15 4 31	17°37'23	11♒21	26°50	12°35	20°49	2°57	25° 7	28° 4	0°36	27°57	7°17	7°51	8°17	9°12	S 9
S 10	15 8 28	18°35'16	24° 9	28°55	13°48	21°13	2°54	25°12	28° 4	0°39	27°D57	7°17	7°48	8°23	9°12	S 10
M11	15 12 24	19°33'08	6♓37	0♊58	15° 1	21°37	2°50	25°16	28° 4	0°41	27°57	7°16	7°45	8°30	9°12	M11
T 12	15 16 21	20°30'58	18°51	3° 0	16°14	22° 2	2°46	25°21	28° 4	0°43	27°57	7°13	7°41	8°37	9°13	T 12
W13	15 20 17	21°28'48	0♈53	4°59	17°26	22°26	2°43	25°26	28° 5	0°45	27°57	7° 7	7°38	8°44	9°13	W13
T 14	15 24 14	22°26'36	12°49	6°55	18°39	22°51	2°38	25°31	28° 5	0°47	27°58	6°59	7°35	8°50	9°13	T 14
F 15	15 28 10	23°24'23	24°42	8°49	19°52	23°17	2°34	25°35	28° 5	0°49	27°58	6°48	7°32	8°57	9°R13	F 15
S 16	15 32 7	24°22'08	6♉33	10°40	21° 4	23°42	2°30	25°40	28° 6	0°51	27°58	6°36	7°29	9° 4	9°13	S 16
S 17	15 36 3	25°19'53	18°25	12°29	22°17	24° 8	2°25	25°45	28° 6	0°53	27°58	6°23	7°25	9°10	9°13	S 17
M18	15 40 0	26°17'36	0♊20	14°15	23°29	24°34	2°20	25°51	28° 7	0°56	27°58	6°10	7°22	9°17	9°13	M18
T 19	15 43 57	27°15'18	12°18	15°57	24°42	25° 0	2°16	25°56	28° 8	0°58	27°58	5°59	7°19	9°24	9°12	T 19
W20	15 47 53	28°12'58	24°22	17°37	25°54	25°27	2°11	26° 1	28° 8	1° 0	27°59	5°50	7°16	9°31	9°12	W20
T 21	15 51 50	29°10'37	6♋32	19°13	27° 7	25°53	2° 5	26° 6	28° 9	1° 2	27°59	5°43	7°13	9°37	9°12	T 21
F 22	15 55 46	0♊ 8'15	18°52	20°46	28°19	26°20	2° 0	26°12	28°10	1° 4	27°59	5°40	7°10	9°44	9°11	F 22
S 23	15 59 43	1° 5'51	1♌25	22°16	29°31	26°47	1°55	26°17	28°11	1° 6	28° 0	5°D38	7° 6	9°51	9°11	S 23
S 24	16 3 39	2° 3'26	14°12	23°43	0♋44	27°15	1°49	26°23	28°12	1° 8	28° 0	5°39	7° 3	9°58	9°10	S 24
M25	16 7 36	3° 1'00	27°19	25° 7	1°56	27°42	1°43	26°28	28°13	1°10	28° 1	5°R39	7° 0	10° 4	9°10	M25
T 26	16 11 33	3°58'32	10♍48	26°27	3° 8	28°10	1°37	26°34	28°14	1°12	28° 1	5°39	6°57	10°11	9° 9	T 26
W27	16 15 29	4°56'02	24°41	27°44	4°20	28°38	1°31	26°40	28°15	1°14	28° 2	5°37	6°54	10°18	9° 8	W27
T 28	16 19 26	5°53'31	9♎ 0	28°58	5°32	29° 7	1°25	26°45	28°16	1°16	28° 2	5°34	6°51	10°24	9° 7	T 28
F 29	16 23 22	6°50'59	23°42	0♋ 8	6°44	29°35	1°19	26°51	28°17	1°18	28° 3	5°28	6°47	10°31	9° 6	F 29
S 30	16 27 19	7°48'26	8♏42	1°14	7°56	0♍ 4	1°13	26°57	28°18	1°20	28° 3	5°20	6°44	10°38	9° 5	S 30
S 31	16 31 15	8♊45'51	23♏52	2♋17	9♋ 8	0♍32	1♑ 6	27♋ 3	28♌20	1♉21	28♌ 4	5♒12	6♒41	10♉45	9♒ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	14n48	10s 5	4s36	14n33	0s11	21n21	0n36	17n29	2n 3	23s 6	0n20	21n38	0n24	12n53	0n46	9n59	1s43	23n27	12n 3	18s16	18s14	18n51	11s15	7n 0	F 1
S 2	15 6	16 9	4 57	15 23	0 0	21 38	0 38	17 20	2 2	23 6	0 20	21 38	0 24	12 53	0 46	10 0	1 43	23 27	12 3	18 18	18 14	18 53	11 15	7 0	S 2
S 3	15 24	21 13	4 57	16 13	0n10	21 53	0 41	17 12	2 0	23 6	0 20	21 37	0 24	12 53	0 46	10 1	1 43	23 27	12 2	18 21	18 15	18 56	11 14	7 1	S 3
M 4	15 42	24 50	4 36	17 1	0 21	22 9	0 44	17 4	1 58	23 6	0 20	21 36	0 24	12 53	0 46	10 2	1 43	23 27	12 2	18 24	18 16	18 58	11 13	7 1	M 4
T 5	16 0	26 38	3 57	17 48	0 31	22 24	0 46	16 55	1 57	23 6	0 20	21 36	0 25	12 53	0 46	10 2	1 43	23 27	12 2	18 26	18 17	19 0	11 13	7 2	T 5
W 6	16 17	26 31	3 2	18 33	0 42	22 38	0 49	16 46	1 55	23 6	0 20	21 35	0 25	12 53	0 46	10 3	1 43	23 27	12 2	18 28	18 18	19 2	11 12	7 2	W 6
T 7	16 34	24 38	1 57	19 17	0 52	22 51	0 51	16 37	1 54	23 7	0 20	21 34	0 25	12 53	0 46	10 4	1 43	23 26	12 1	18 28	18 19	19 5	11 11	7 3	T 7
F 8	16 51	21 21	0 48	19 59	1 2	23 4	0 54	16 28	1 52	23 7	0 20	21 34	0 25	12 53	0 46	10 5	1 43	23 26	12 1	18 29	18 19	19 7	11 11	7 3	F 8
S 9	17 7	17 3	0n22	20 38	1 11	23 16	0 56	16 19	1 50	23 7	0 20	21 33	0 25	12 53	0 46	10 5	1 43	23 26	12 1	18 29	18 20	19 9	11 10	7 3	S 9
S 10	17 23	12 7	1 28	21 15	1 20	23 28	0 59	16 10	1 49	23 7	0 20	21 32	0 25	12 53	0 46	10 6	1 43	23 26	12 0	18 29	18 21	19 11	11 10	7 4	S 10
M11	17 39	6 48	2 29	21 50	1 29	23 39	1 1	16 1	1 47	23 7	0 20	21 31	0 25	12 53	0 46	10 7	1 43	23 25	12 0	18 29	18 22	19 13	11 9	7 4	M11
T 12	17 54	1 20	3 21	22 22	1 37	23 49	1 3	15 51	1 46	23 7	0 20	21 31	0 25	12 53	0 46	10 8	1 43	23 25	12 0	18 30	18 23	19 16	11 9	7 5	T 12
W13	18 10	4n 5	4 3	22 52	1 44	23 58	1 6	15 42	1 44	23 7	0 20	21 30	0 25	12 53	0 46	10 8	1 43	23 25	12 0	18 31	18 23	19 18	11 8	7 5	W13
T 14	18 25	9 17	4 35	23 19	1 51	24 7	1 8	15 32	1 43	23 8	0 19	21 29	0 25	12 53	0 46	10 9	1 43	23 24	11 59	18 33	18 24	19 20	11 8	7 6	T 14
F 15	18 39	14 8	4 54	23 44	1 57	24 15	1 10	15 23	1 41	23 8	0 19	21 28	0 25	12 52	0 46	10 10	1 43	23 24	11 59	18 36	18 25	19 22	11 7	7 6	F 15
S 16	18 54	18 27	5 1	24 6	2 2	24 23	1 12	15 13	1 40	23 8	0 19	21 27	0 25	12 52	0 46	10 11	1 43	23 24	11 59	18 39	18 26	19 24	11 7	7 7	S 16
S 17	19 8	22 3	4 54	24 25	2 6	24 30	1 15	15 3	1 38	23 8	0 19	21 26	0 25	12 52	0 46	10 11	1 43	23 23	11 58	18 43	18 27	19 27	11 6	7 7	S 17
M18	19 21	24 44	4 35	24 42	2 10	24 36	1 17	14 53	1 37	23 8	0 19	21 25	0 25	12 52	0 46	10 12	1 43	23 23	11 58	18 46	18 28	19 29	11 6	7 8	M18
T 19	19 35	26 20	4 3	24 56	2 13	24 41	1 19	14 42	1 36	23 9	0 19	21 25	0 25	12 51	0 46	10 13	1 43	23 23	11 58	18 49	18 28	19 31	11 5	7 8	T 19
W20	19 48	26 42	3 21	25 9	2 15	24 46	1 21	14 32	1 34	23 9	0 19	21 24	0 25	12 51	0 46	10 13	1 43	23 22	11 58	18 51	18 29	19 33	11 5	7 9	W20
T 21	20 0	25 47	2 28	25 18	2 16	24 50	1 23	14 22	1 33	23 9	0 19	21 23	0 25	12 51	0 45	10 14	1 44	23 22	11 57	18 52	18 30	19 35	11 5	7 9	T 21
F 22	20 13	23 36	1 28	25 26	2 17	24 53	1 25	14 11	1 31	23 9	0 19	21 22	0 25	12 50	0 45	10 15	1 44	23 22	11 57	18 53	18 31	19 37	11 4	7 10	F 22
S 23	20 25	20 15	0 23	25 31	2 17	24 55	1 27	14 1	1 30	23 9	0 19	21 21	0 25	12 50	0 45	10 15	1 44	23 21	11 57	18 53	18 32	19 40	11 4	7 10	S 23
S 24	20 36	15 52	0s46	25 35	2 15	24 57	1 29	13 50	1 29	23 9	0 19	21 20	0 26	12 50	0 45	10 16	1 44	23 21	11 56	18 53	18 32	19 42	11 4	7 11	S 24
M25	20 48	10 39	1 53	25 37	2 13	24 58	1 31	13 39	1 27	23 10	0 18	21 19	0 26	12 49	0 45	10 17	1 44	23 20	11 56	18 53	18 33	19 44	11 3	7 11	M25
T 26	20 59	4 49	2 56	25 36	2 11	24 59	1 32	13 28	1 26	23 10	0 18	21 18	0 26	12 49	0 45	10 17	1 44	23 20	11 56	18 53	18 34	19 46	11 3	7 11	T 26
W27	21 9	1s25	3 51	25 34	2 7	24 58	1 34	13 17	1 25	23 10	0 18	21 17	0 26	12 49	0 45	10 18	1 44	23 20	11 56	18 54	18 35	19 48	11 3	7 12	W27
T 28	21 19	7 45	4 33	25 31	2 2	24 57	1 36	13 6	1 23	23 10	0 18	21 16	0 26	12 48	0 45	10 19	1 44	23 19	11 55	18 55	18 36	19 50	11 3	7 12	T 28
F 29	21 29	13 50	4 58	25 26	1 57	24 55	1 37	12 55	1 22	23 10	0 18	21 15	0 26	12 48	0 45	10 19	1 44	23 19	11 55	18 56	18 36	19 52	11 3	7 13	F 29
S 30	21 39	19 13	5 4	25 19	1 51	24 53	1 39	12 44	1 21	23 10	0 18	21 13	0 26	12 47	0 45	10 20	1 44	23 18	11 55	18 58	18 37	19 54	11 2	7 13	S 30
S 31	21n48	23s26	4s49	25n12	1n44	24n50	1n40	12n32	1n19	23s11	0n18	21n12	0n26	12n47	0n45	10n21	1s44	23n18	11n54	19s 0	18s38	19n56	11s 2	7n14	S 31

Julian Day Number = 2346109.5, Delta T = 11.31 sec
Ecliptic obliquity = 23°28'42, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'38, Lahiri = 19°49'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

JUNE 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 35 12	9♊43'16	9♐ 1	3♋16	10♋20	1♍ 1	1°R 0	27♋ 9	28♌21	1♉23	28♌ 4	5°R 4	6♒38	10♉51	9°R 3	M 1
T 2	16 39 8	10°40'39	23°59	4°12	11°32	1°30	0♏53	27°15	28°22	1°25	28° 5	4♒57	6°35	10°58	9♒ 2	T 2
W 3	16 43 5	11°38'02	8♏38	5° 4	12°44	2° 0	0°46	27°21	28°24	1°27	28° 6	4°52	6°31	11° 5	9° 1	W 3
T 4	16 47 2	12°35'24	22°52	5°52	13°55	2°29	0°39	27°28	28°25	1°29	28° 6	4°50	6°28	11°12	9° 0	T 4
F 5	16 50 58	13°32'46	6♒38	6°36	15° 7	2°59	0°32	27°34	28°27	1°31	28° 7	4°D49	6°25	11°18	8°58	F 5
S 6	16 54 55	14°30'07	19°56	7°16	16°19	3°29	0°25	27°40	28°28	1°32	28° 8	4°50	6°22	11°25	8°57	S 6
S 7	16 58 51	15°27'27	2♓49	7°51	17°30	3°59	0°18	27°47	28°30	1°34	28° 9	4°51	6°19	11°32	8°55	S 7
M 8	17 2 48	16°24'47	15°20	8°23	18°42	4°29	0°11	27°53	28°32	1°36	28°10	4°R52	6°16	11°38	8°54	M 8
T 9	17 6 44	17°22'06	27°35	8°50	19°53	4°59	0° 4	28° 0	28°33	1°38	28°10	4°51	6°12	11°45	8°52	T 9
W10	17 10 41	18°19'25	9♈38	9°13	21° 5	5°30	29♐56	28° 6	28°35	1°39	28°11	4°49	6° 9	11°52	8°50	W10
T 11	17 14 37	19°16'43	21°33	9°31	22°16	6° 1	29°49	28°13	28°37	1°41	28°12	4°44	6° 6	11°59	8°49	T 11
F 12	17 18 34	20°14'01	3♉25	9°45	23°27	6°32	29°42	28°19	28°39	1°43	28°13	4°38	6° 3	12° 5	8°47	F 12
S 13	17 22 31	21°11'19	15°16	9°55	24°38	7° 3	29°34	28°26	28°41	1°44	28°14	4°31	6° 0	12°12	8°45	S 13
S 14	17 26 27	22° 8'36	27°11	9°59	25°50	7°34	29°27	28°33	28°43	1°46	28°15	4°23	5°57	12°19	8°43	S 14
M15	17 30 24	23° 5'53	9♊11	10°R 0	27° 1	8° 5	29°19	28°40	28°45	1°47	28°16	4°16	5°53	12°25	8°41	M15
T 16	17 34 20	24° 3'10	21°17	9°55	28°12	8°37	29°11	28°46	28°47	1°49	28°17	4° 9	5°50	12°32	8°39	T 16
W17	17 38 17	25° 0'26	3♋32	9°47	29°23	9° 8	29° 4	28°53	28°49	1°51	28°18	4° 4	5°47	12°39	8°37	W17
T 18	17 42 13	25°57'42	15°55	9°34	0♌34	9°40	28°56	29° 0	28°51	1°52	28°19	4° 0	5°44	12°46	8°35	T 18
F 19	17 46 10	26°54'57	28°30	9°17	1°45	10°12	28°48	29° 7	28°53	1°54	28°20	3°D59	5°41	12°52	8°33	F 19
S 20	17 50 6	27°52'11	11♌16	8°56	2°56	10°44	28°41	29°14	28°55	1°55	28°22	3°59	5°37	12°59	8°31	S 20
S 21	17 54 3	28°49'25	24°16	8°32	4° 6	11°16	28°33	29°21	28°58	1°56	28°23	4° 0	5°34	13° 6	8°28	S 21
M22	17 58 0	29°46'39	7♍31	8° 4	5°17	11°48	28°25	29°28	29° 0	1°58	28°24	4° 2	5°31	13°13	8°26	M22
T 23	18 1 56	0♋43'52	21° 4	7°34	6°28	12°21	28°18	29°35	29° 2	1°59	28°25	4° 3	5°28	13°19	8°24	T 23
W24	18 5 53	1°41'04	4♎55	7° 1	7°38	12°54	28°10	29°42	29° 5	2° 1	28°26	4°R 3	5°25	13°26	8°21	W24
T 25	18 9 49	2°38'16	19° 4	6°27	8°49	13°26	28° 2	29°50	29° 7	2° 2	28°28	4° 2	5°22	13°33	8°19	T 25
F 26	18 13 46	3°35'27	3♏30	5°51	9°59	13°59	27°55	29°57	29°10	2° 3	28°29	4° 0	5°18	13°39	8°16	F 26
S 27	18 17 42	4°32'38	18° 9	5°15	11°10	14°32	27°47	0♌ 4	29°12	2° 4	28°30	3°57	5°15	13°46	8°14	S 27
S 28	18 21 39	5°29'48	2♐56	4°39	12°20	15° 5	27°40	0°11	29°15	2° 6	28°31	3°53	5°12	13°53	8°11	S 28
M29	18 25 35	6°26'59	17°44	4° 4	13°30	15°38	27°32	0°19	29°17	2° 7	28°33	3°49	5° 9	14° 0	8° 8	M29
T 30	18 29 32	7♋24'09	2♏25	3♋30	14♌40	16♍12	27♐25	0♌26	29♌20	2♉ 8	28♌34	3♒46	5♒ 6	14♉ 6	8♒ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n57	26s 0	4s13	25n 3	1n36	24n46	1n42	12n21	1n18	23s11	0n18	21n11	0n26	12n46	0n45	10n21	1s44	23n17	11n54	19s 2	18s39	19n58	11s 2	7n14
T 2	22 5	26 41	3 21	24 52	1 28	24 41	1 43	12 9	1 17	23 11	0 18	21 10	0 26	12 46	0 45	10 22	1 44	23 17	11 54	19 4	18 40	20 1	11 2	7 15
W 3	22 13	25 27	2 16	24 41	1 19	24 36	1 44	11 57	1 16	23 11	0 17	21 9	0 26	12 45	0 45	10 22	1 44	23 16	11 54	19 5	18 40	20 3	11 2	7 15
T 4	22 21	22 35	1 4	24 29	1 8	24 30	1 45	11 46	1 14	23 11	0 17	21 8	0 26	12 45	0 45	10 23	1 44	23 16	11 53	19 5	18 41	20 5	11 2	7 15
F 5	22 28	18 29	0n10	24 16	0 58	24 23	1 46	11 34	1 13	23 11	0 17	21 7	0 26	12 44	0 45	10 24	1 44	23 15	11 53	19 5	18 42	20 7	11 2	7 16
S 6	22 35	13 35	1 20	24 3	0 46	24 16	1 47	11 22	1 12	23 12	0 17	21 5	0 26	12 44	0 45	10 24	1 44	23 15	11 53	19 5	18 43	20 9	11 2	7 16
S 7	22 41	8 14	2 25	23 48	0 34	24 7	1 48	11 10	1 11	23 12	0 17	21 4	0 26	12 43	0 45	10 25	1 44	23 14	11 53	19 5	18 44	20 11	11 2	7 17
M 8	22 47	2 42	3 20	23 34	0 21	23 59	1 49	10 58	1 9	23 12	0 17	21 3	0 26	12 42	0 45	10 25	1 44	23 14	11 52	19 5	18 44	20 13	11 2	7 17
T 9	22 53	2n48	4 6	23 18	0 7	23 49	1 50	10 45	1 8	23 12	0 17	21 2	0 26	12 42	0 45	10 26	1 44	23 13	11 52	19 5	18 45	20 15	11 2	7 17
W10	22 58	8 6	4 39	23 3	0s 7	23 39	1 51	10 33	1 7	23 12	0 17	21 0	0 26	12 41	0 45	10 26	1 44	23 12	11 52	19 6	18 46	20 17	11 2	7 18
T 11	23 3	13 3	5 0	22 46	0 22	23 28	1 52	10 21	1 6	23 12	0 17	20 59	0 27	12 40	0 45	10 27	1 44	23 12	11 51	19 7	18 47	20 19	11 2	7 18
F 12	23 7	17 29	5 8	22 30	0 37	23 17	1 52	10 8	1 5	23 12	0 16	20 58	0 27	12 40	0 45	10 27	1 44	23 11	11 51	19 8	18 47	20 21	11 2	7 19
S 13	23 11	21 16	5 3	22 14	0 53	23 5	1 53	9 55	1 4	23 12	0 16	20 57	0 27	12 39	0 45	10 28	1 44	23 11	11 51	19 10	18 48	20 23	11 2	7 19
S 14	23 15	24 10	4 44	21 58	1 9	22 52	1 53	9 43	1 2	23 12	0 16	20 55	0 27	12 38	0 45	10 28	1 44	23 10	11 51	19 12	18 49	20 25	11 2	7 19
M15	23 18	26 2	4 13	21 41	1 25	22 39	1 53	9 30	1 1	23 13	0 16	20 54	0 27	12 38	0 45	10 29	1 44	23 10	11 50	19 13	18 50	20 27	11 2	7 20
T 16	23 21	26 42	3 31	21 25	1 42	22 25	1 54	9 17	1 0	23 13	0 16	20 53	0 27	12 37	0 45	10 29	1 45	23 9	11 50	19 15	18 51	20 29	11 2	7 20
W17	23 23	26 4	2 38	21 9	1 58	22 10	1 54	9 4	0 59	23 13	0 16	20 51	0 27	12 36	0 44	10 30	1 45	23 8	11 50	19 16	18 51	20 31	11 2	7 20
T 18	23 25	24 8	1 37	20 54	2 15	21 55	1 54	8 51	0 58	23 13	0 16	20 50	0 27	12 35	0 44	10 30	1 45	23 8	11 50	19 17	18 52	20 33	11 3	7 21
F 19	23 27	20 59	0 30	20 38	2 31	21 39	1 54	8 38	0 57	23 13	0 15	20 49	0 27	12 34	0 44	10 31	1 45	23 7	11 50	19 17	18 53	20 35	11 3	7 21
S 20	23 28	16 47	0s40	20 24	2 47	21 23	1 54	8 25	0 56	23 13	0 15	20 47	0 27	12 34	0 44	10 31	1 45	23 6	11 49	19 17	18 54	20 37	11 3	7 21
S 21	23 28	11 45	1 48	20 10	3 3	21 6	1 54	8 12	0 55	23 13	0 15	20 46	0 27	12 33	0 44	10 32	1 45	23 6	11 49	19 17	18 54	20 39	11 3	7 22
M22	23 29	6 5	2 53	19 57	3 18	20 49	1 53	7 58	0 54	23 13	0 15	20 44	0 27	12 32	0 44	10 32	1 45	23 5	11 49	19 17	18 55	20 41	11 4	7 22
T 23	23 29	0 2	3 49	19 44	3 32	20 31	1 53	7 45	0 52	23 13	0 15	20 43	0 27	12 31	0 44	10 33	1 45	23 5	11 49	19 16	18 56	20 43	11 4	7 22
W24	23 28	6s 8	4 33	19 33	3 45	20 12	1 53	7 31	0 51	23 13	0 15	20 41	0 27	12 30	0 44	10 33	1 45	23 4	11 48	19 16	18 57	20 45	11 4	7 23
T 25	23 27	12 8	5 2	19 22	3 58	19 53	1 52	7 18	0 50	23 13	0 15	20 40	0 27	12 29	0 44	10 33	1 45	23 3	11 48	19 17	18 58	20 47	11 5	7 23
F 26	23 26	17 35	5 12	19 12	4 9	19 34	1 52	7 4	0 49	23 13	0 14	20 39	0 27	12 29	0 44	10 34	1 45	23 3	11 48	19 17	18 58	20 49	11 5	7 23
S 27	23 24	22 6	5 3	19 4	4 19	19 14	1 51	6 50	0 48	23 13	0 14	20 37	0 28	12 28	0 44	10 34	1 45	23 2	11 48	19 18	18 59	20 51	11 5	7 24
S 28	23 22	25 15	4 33	18 57	4 27	18 53	1 50	6 37	0 47	23 13	0 14	20 36	0 28	12 27	0 44	10 35	1 45	23 1	11 47	19 19	19 0	20 53	11 6	7 24
M29	23 19	26 39	3 46	18 51	4 34	18 32	1 49	6 23	0 46	23 13	0 14	20 34	0 28	12 26	0 44	10 35	1 45	23 1	11 47	19 20	19 1	20 55	11 6	7 24
T 30	23n16	26s11	2s43	18n47	4s39	18n11	1n48	6n 9	0n45	23s13	0n14	20n33	0n28	12n25	0n44	10n35	1s45	23n 0	11n47	19s21	19s 1	20n57	11s 6	7n24

Julian Day Number = 2346140.5, Delta T = 11.29 sec
Ecliptic obliquity = 23°28'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'42, Lahiri = 19°49'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

JULY 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 33 29	8♋21'19	16♉51	2°R57	15♌50	16♍45	27°R17	0♌33	29♌22	2♉ 9	28♌36	3°R44	5♒ 3	14♉13	8°R 3	W 1
T 2	18 37 25	9°18'30	0♒58	2♋27	17° 0	17°19	27♐10	0°41	29°25	2°10	28°37	3°D43	4°59	14°20	8♒ 0	T 2
F 3	18 41 22	10°15'40	14°42	2° 0	18°10	17°53	27° 2	0°48	29°28	2°11	28°38	3♒43	4°56	14°27	7°57	F 3
S 4	18 45 18	11°12'51	28° 1	1°37	19°20	18°26	26°55	0°56	29°31	2°13	28°40	3°44	4°53	14°33	7°55	S 4
S 5	18 49 15	12°10'01	10♓57	1°17	20°30	19° 0	26°48	1° 3	29°33	2°14	28°41	3°46	4°50	14°40	7°52	S 5
M 6	18 53 11	13° 7'13	23°32	1° 2	21°39	19°35	26°41	1°10	29°36	2°15	28°43	3°47	4°47	14°47	7°49	M 6
T 7	18 57 8	14° 4'24	5♈50	0°51	22°49	20° 9	26°34	1°18	29°39	2°16	28°44	3°48	4°43	14°53	7°46	T 7
W 8	19 1 4	15° 1'36	17°55	0°45	23°58	20°43	26°27	1°26	29°42	2°17	28°46	3°R48	4°40	15° 0	7°43	W 8
T 9	19 5 1	15°58'49	29°52	0°D44	25° 8	21°17	26°20	1°33	29°45	2°17	28°47	3°48	4°37	15° 7	7°40	T 9
F 10	19 8 58	16°56'02	11♉44	0°48	26°17	21°52	26°13	1°41	29°48	2°18	28°49	3°46	4°34	15°14	7°37	F 10
S 11	19 12 54	17°53'16	23°38	0°58	27°26	22°27	26° 7	1°48	29°51	2°19	28°51	3°44	4°31	15°20	7°34	S 11
S 12	19 16 51	18°50'30	5♊35	1°13	28°35	23° 1	26° 0	1°56	29°54	2°20	28°52	3°42	4°28	15°27	7°31	S 12
M13	19 20 47	19°47'45	17°40	1°33	29°44	23°36	25°53	2° 3	29°57	2°21	28°54	3°40	4°24	15°34	7°28	M13
T 14	19 24 44	20°45'01	29°55	1°59	0♍53	24°11	25°47	2°11	0♍ 0	2°22	28°55	3°38	4°21	15°40	7°24	T 14
W15	19 28 40	21°42'17	12♋22	2°31	2° 2	24°46	25°41	2°19	0° 3	2°22	28°57	3°37	4°18	15°47	7°21	W15
T 16	19 32 37	22°39'33	25° 2	3° 8	3°11	25°22	25°35	2°26	0° 6	2°23	28°59	3°36	4°15	15°54	7°18	T 16
F 17	19 36 34	23°36'50	7♌56	3°50	4°19	25°57	25°29	2°34	0°10	2°24	29° 0	3°D36	4°12	16° 1	7°15	F 17
S 18	19 40 30	24°34'07	21° 4	4°38	5°28	26°32	25°23	2°42	0°13	2°24	29° 2	3°37	4° 9	16° 7	7°12	S 18
S 19	19 44 27	25°31'25	4♍25	5°31	6°36	27° 8	25°17	2°50	0°16	2°25	29° 4	3°37	4° 5	16°14	7° 8	S 19
M20	19 48 23	26°28'43	17°59	6°30	7°44	27°43	25°11	2°57	0°19	2°26	29° 6	3°38	4° 2	16°21	7° 5	M20
T 21	19 52 20	27°26'02	1♎46	7°34	8°52	28°19	25° 6	3° 5	0°23	2°26	29° 7	3°39	3°59	16°28	7° 2	T 21
W22	19 56 16	28°23'21	15°44	8°42	10° 0	28°55	25° 1	3°13	0°26	2°27	29° 9	3°39	3°56	16°34	6°59	W22
T 23	20 0 13	29°20'40	29°52	9°56	11° 8	29°31	24°55	3°20	0°29	2°27	29°11	3°R39	3°53	16°41	6°55	T 23
F 24	20 4 9	0♌18'00	14♏ 7	11°15	12°16	0♎ 7	24°50	3°28	0°33	2°28	29°13	3°39	3°49	16°48	6°52	F 24
S 25	20 8 6	1°15'20	28°28	12°38	13°24	0°43	24°45	3°36	0°36	2°28	29°15	3°39	3°46	16°54	6°49	S 25
S 26	20 12 3	2°12'41	12♐51	14° 6	14°31	1°19	24°41	3°44	0°39	2°28	29°16	3°39	3°43	17° 1	6°45	S 26
M27	20 15 59	3°10'02	27°11	15°39	15°39	1°56	24°36	3°51	0°43	2°29	29°18	3°D39	3°40	17° 8	6°42	M27
T 28	20 19 56	4° 7'24	11♑26	17°16	16°46	2°32	24°32	3°59	0°46	2°29	29°20	3°39	3°37	17°15	6°39	T 28
W29	20 23 52	5° 4'47	25°29	18°56	17°53	3° 8	24°27	4° 7	0°50	2°29	29°22	3°39	3°34	17°21	6°35	W29
T 30	20 27 49	6° 2'10	9♒17	20°41	19° 0	3°45	24°23	4°15	0°53	2°30	29°24	3°R39	3°30	17°28	6°32	T 30
F 31	20 31 45	6♌59'35	22♒49	22♋29	20♍ 7	4♎22	24♐19	4♌22	0♍57	2♉30	29♌26	3♒38	3♒27	17♉35	6♒29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n13	23s55	1s31	18n44	4s43	17n49	1n47	5n55	0n44	23s13	0n14	20n31	0n28	12n24	0n44	10n36	1s45	22n59	11n47	19s21	19s 2	20n59	11s 7	7n25	W 1
T 2	23 9	20 13	0 15	18 42	4 45	17 27	1 46	5 41	0 43	23 13	0 14	20 29	0 28	12 23	0 44	10 36	1 45	22 58	11 47	19 21	19 3	21 0	11 7	7 25	T 2
F 3	23 5	15 30	1n 0	18 42	4 46	17 4	1 45	5 27	0 42	23 13	0 13	20 28	0 28	12 22	0 44	10 36	1 45	22 58	11 46	19 21	19 4	21 2	11 8	7 25	F 3
S 4	23 0	10 9	2 10	18 43	4 45	16 41	1 43	5 13	0 41	23 13	0 13	20 26	0 28	12 21	0 44	10 37	1 45	22 57	11 46	19 21	19 5	21 4	11 8	7 25	S 4
S 5	22 55	4 32	3 11	18 45	4 43	16 17	1 42	4 58	0 40	23 13	0 13	20 25	0 28	12 20	0 44	10 37	1 46	22 56	11 46	19 20	19 5	21 6	11 9	7 26	S 5
M 6	22 50	1n 7	4 1	18 49	4 39	15 53	1 40	4 44	0 39	23 13	0 13	20 23	0 28	12 19	0 44	10 37	1 46	22 56	11 46	19 20	19 6	21 8	11 9	7 26	M 6
T 7	22 44	6 35	4 38	18 54	4 34	15 29	1 38	4 30	0 38	23 13	0 13	20 22	0 28	12 18	0 44	10 37	1 46	22 55	11 46	19 20	19 7	21 10	11 10	7 26	T 7
W 8	22 38	11 42	5 3	19 1	4 28	15 4	1 37	4 15	0 37	23 13	0 13	20 20	0 28	12 17	0 44	10 38	1 46	22 54	11 46	19 20	19 8	21 12	11 10	7 26	W 8
T 9	22 31	16 20	5 14	19 8	4 20	14 39	1 35	4 1	0 36	23 13	0 13	20 18	0 28	12 16	0 44	10 38	1 46	22 54	11 45	19 20	19 8	21 14	11 11	7 26	T 9
F 10	22 24	20 19	5 12	19 17	4 12	14 14	1 33	3 46	0 35	23 13	0 12	20 17	0 28	12 15	0 44	10 38	1 46	22 53	11 45	19 20	19 9	21 15	11 12	7 27	F 10
S 11	22 17	23 29	4 56	19 26	4 2	13 48	1 31	3 32	0 34	23 13	0 12	20 15	0 29	12 14	0 44	10 38	1 46	22 52	11 45	19 21	19 10	21 17	11 12	7 27	S 11
S 12	22 9	25 40	4 28	19 37	3 52	13 22	1 29	3 17	0 33	23 13	0 12	20 14	0 29	12 12	0 44	10 39	1 46	22 51	11 45	19 21	19 11	21 19	11 13	7 27	S 12
M13	22 1	26 41	3 47	19 48	3 40	12 56	1 26	3 2	0 32	23 13	0 12	20 12	0 29	12 11	0 44	10 39	1 46	22 51	11 45	19 22	19 11	21 21	11 13	7 27	M13
T 14	21 52	26 24	2 56	20 0	3 28	12 29	1 24	2 48	0 31	23 13	0 12	20 10	0 29	12 10	0 44	10 39	1 46	22 50	11 45	19 22	19 12	21 23	11 14	7 27	T 14
W15	21 44	24 48	1 55	20 12	3 16	12 2	1 22	2 33	0 30	23 13	0 12	20 9	0 29	12 9	0 44	10 39	1 46	22 49	11 45	19 23	19 13	21 25	11 15	7 27	W15
T 16	21 34	21 56	0 47	20 24	3 2	11 35	1 19	2 18	0 30	23 13	0 11	20 7	0 29	12 8	0 44	10 40	1 46	22 48	11 44	19 23	19 14	21 27	11 15	7 27	T 16
F 17	21 25	17 56	0s24	20 37	2 49	11 8	1 16	2 3	0 29	23 13	0 11	20 5	0 29	12 7	0 44	10 40	1 46	22 48	11 44	19 23	19 14	21 28	11 16	7 28	F 17
S 18	21 15	13 0	1 35	20 49	2 35	10 40	1 14	1 48	0 28	23 13	0 11	20 4	0 29	12 6	0 44	10 40	1 46	22 47	11 44	19 23	19 15	21 30	11 17	7 28	S 18
S 19	21 4	7 23	2 42	21 1	2 21	10 12	1 11	1 33	0 27	23 13	0 11	20 2	0 29	12 5	0 44	10 40	1 46	22 46	11 44	19 22	19 16	21 32	11 17	7 28	S 19
M20	20 54	1 21	3 42	21 13	2 6	9 44	1 8	1 18	0 26	23 13	0 11	20 0	0 29	12 3	0 44	10 40	1 46	22 45	11 44	19 22	19 17	21 34	11 18	7 28	M20
T 21	20 42	4s49	4 29	21 24	1 52	9 16	1 5	1 3	0 25	23 13	0 11	19 59	0 29	12 2	0 44	10 40	1 46	22 45	11 44	19 22	19 17	21 36	11 19	7 28	T 21
W22	20 31	10 50	5 1	21 35	1 37	8 47	1 2	0 48	0 24	23 13	0 11	19 57	0 29	12 1	0 44	10 40	1 47	22 44	11 44	19 22	19 18	21 37	11 20	7 28	W22
T 23	20 19	16 22	5 16	21 44	1 23	8 18	0 59	0 33	0 23	23 12	0 10	19 55	0 29	12 0	0 44	10 41	1 47	22 43	11 44	19 22	19 19	21 39	11 20	7 28	T 23
F 24	20 7	21 3	5 12	21 52	1 8	7 49	0 55	0 18	0 22	23 12	0 10	19 53	0 30	11 59	0 44	10 41	1 47	22 43	11 43	19 22	19 20	21 41	11 21	7 28	F 24
S 25	19 55	24 31	4 48	21 59	0 54	7 20	0 52	0 2	0 21	23 12	0 10	19 52	0 30	11 57	0 44	10 41	1 47	22 42	11 43	19 22	19 20	21 43	11 22	7 28	S 25
S 26	19 42	26 26	4 6	22 4	0 40	6 51	0 48	0s13	0 21	23 12	0 10	19 50	0 30	11 56	0 43	10 41	1 47	22 41	11 43	19 22	19 21	21 44	11 23	7 28	S 26
M27	19 29	26 35	3 9	22 8	0 26	6 21	0 45	0 28	0 20	23 12	0 10	19 48	0 30	11 55	0 43	10 41	1 47	22 40	11 43	19 22	19 22	21 46	11 23	7 28	M27
T 28	19 15	24 59	2 0	22 9	0 13	5 52	0 41	0 43	0 19	23 12	0 10	19 46	0 30	11 54	0 43	10 41	1 47	22 40	11 43	19 22	19 23	21 48	11 24	7 28	T 28
W29	19 2	21 49	0 45	22 8	0 0	5 22	0 37	0 59	0 18	23 12	0 9	19 45	0 30	11 52	0 43	10 41	1 47	22 39	11 43	19 22	19 23	21 50	11 25	7 28	W29
T 30	18 48	17 27	0n31	22 5	0n12	4 53	0 34	1 14	0 17	23 12	0 9	19 43	0 30	11 51	0 43	10 41	1 47	22 38	11 43	19 22	19 24	21 51	11 26	7 28	T 30
F 31	18n33	12s17	1n44	22n 0	0n24	4n23	0n30	1s29	0n16	23s12	0n 9	19n41	0n30	11n50	0n43	10n41	1s47	22n37	11n43	19s22	19s25	21n53	11s27	7n28	F 31

Julian Day Number = 2346170.5, Delta T = 11.28 sec
Ecliptic obliquity = 23°28'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'46, Lahiri = 19°49'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

AUGUST 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 35 42	7♌57'00	6♓ 1	24♋20	21♍13	4♎59	24°R16	4♌30	1♍ 0	2♉30	29♌28	3°R38	3♒24	17♉41	6°R25	S 1
S 2	20 39 38	8°54'26	18°54	26°13	22°20	5°35	24♐12	4°38	1° 4	2°30	29°29	3♒38	3°21	17°48	6♒22	S 2
M 3	20 43 35	9°51'54	1♈28	28° 9	23°26	6°12	24° 9	4°46	1° 7	2°30	29°31	3°37	3°18	17°55	6°19	M 3
T 4	20 47 32	10°49'23	13°47	0♌ 8	24°32	6°49	24° 5	4°53	1°11	2°30	29°33	3°36	3°15	18° 2	6°15	T 4
W 5	20 51 28	11°46'53	25°53	2° 7	25°38	7°27	24° 2	5° 1	1°14	2°30	29°35	3°35	3°11	18° 8	6°12	W 5
T 6	20 55 25	12°44'25	7♉51	4° 9	26°44	8° 4	23°59	5° 9	1°18	2°R30	29°37	3°D35	3° 8	18°15	6° 9	T 6
F 7	20 59 21	13°41'58	19°44	6°11	27°50	8°41	23°57	5°16	1°22	2°30	29°39	3°35	3° 5	18°22	6° 5	F 7
S 8	21 3 18	14°39'32	1♊38	8°13	28°55	9°19	23°54	5°24	1°25	2°30	29°41	3°36	3° 2	18°28	6° 2	S 8
S 9	21 7 14	15°37'08	13°37	10°16	0♎ 1	9°56	23°52	5°32	1°29	2°30	29°43	3°36	2°59	18°35	5°59	S 9
M10	21 11 11	16°34'45	25°45	12°20	1° 6	10°34	23°49	5°39	1°33	2°30	29°45	3°38	2°55	18°42	5°56	M10
T 11	21 15 7	17°32'24	8♋ 6	14°22	2°11	11°11	23°47	5°47	1°36	2°30	29°47	3°39	2°52	18°49	5°52	T 11
W12	21 19 4	18°30'04	20°44	16°25	3°16	11°49	23°46	5°55	1°40	2°30	29°49	3°40	2°49	18°55	5°49	W12
T 13	21 23 1	19°27'46	3♌39	18°27	4°20	12°27	23°44	6° 2	1°44	2°30	29°51	3°R40	2°46	19° 2	5°46	T 13
F 14	21 26 57	20°25'29	16°52	20°28	5°25	13° 5	23°43	6°10	1°47	2°29	29°53	3°40	2°43	19° 9	5°43	F 14
S 15	21 30 54	21°23'13	0♍24	22°28	6°29	13°43	23°41	6°18	1°51	2°29	29°55	3°38	2°40	19°15	5°40	S 15
S 16	21 34 50	22°20'59	14°12	24°27	7°33	14°21	23°40	6°25	1°55	2°29	29°57	3°36	2°36	19°22	5°36	S 16
M17	21 38 47	23°18'45	28°13	26°25	8°36	15° 0	23°39	6°33	1°58	2°29	29°59	3°34	2°33	19°29	5°33	M17
T 18	21 42 43	24°16'33	12♎23	28°22	9°40	15°38	23°39	6°40	2° 2	2°28	0♍ 1	3°31	2°30	19°36	5°30	T 18
W19	21 46 40	25°14'23	26°38	0♍17	10°43	16°16	23°38	6°48	2° 6	2°28	0° 3	3°29	2°27	19°42	5°27	W19
T 20	21 50 36	26°12'13	10♏55	2°11	11°46	16°55	23°38	6°55	2°10	2°27	0° 5	3°27	2°24	19°49	5°24	T 20
F 21	21 54 33	27°10'05	25°10	4° 4	12°49	17°33	23°D38	7° 3	2°13	2°27	0° 7	3°D26	2°21	19°56	5°21	F 21
S 22	21 58 30	28° 7'58	9♐21	5°56	13°51	18°12	23°38	7°10	2°17	2°26	0° 9	3°27	2°17	20° 3	5°18	S 22
S 23	22 2 26	29° 5'52	23°25	7°46	14°54	18°51	23°38	7°17	2°21	2°26	0°11	3°28	2°14	20° 9	5°15	S 23
M24	22 6 23	0♍ 3'47	7♑21	9°35	15°56	19°30	23°38	7°25	2°25	2°25	0°13	3°29	2°11	20°16	5°12	M24
T 25	22 10 19	1° 1'44	21° 9	11°23	16°57	20° 9	23°39	7°32	2°29	2°25	0°15	3°30	2° 8	20°23	5° 9	T 25
W26	22 14 16	1°59'42	4♒45	13° 9	17°59	20°48	23°40	7°39	2°32	2°24	0°17	3°R31	2° 5	20°29	5° 7	W26
T 27	22 18 12	2°57'42	18°10	14°54	19° 0	21°27	23°41	7°47	2°36	2°23	0°19	3°30	2° 1	20°36	5° 4	T 27
F 28	22 22 9	3°55'43	1♓21	16°38	20° 0	22° 6	23°42	7°54	2°40	2°23	0°21	3°28	1°58	20°43	5° 1	F 28
S 29	22 26 5	4°53'46	14°19	18°21	21° 1	22°45	23°43	8° 1	2°44	2°22	0°23	3°24	1°55	20°50	4°58	S 29
S 30	22 30 2	5°51'50	27° 2	20° 2	22° 1	23°24	23°45	8° 8	2°47	2°21	0°25	3°19	1°52	20°56	4°56	S 30
M31	22 33 59	6♍49'56	9♈30	21♍42	23♎ 1	24♎ 4	23♐47	8♌16	2♍51	2♉21	0♍27	3♒13	1♒49	21♉ 3	4♒53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n19	6s41	2n50	21n52	0n35	3n53	0n26	1s45	0n15	23s12	0n 9	19n39	0n30	11n49	0n43	10n41	1s47	22n37	11n43	19s22	19s26	21n55	11s28	7n28
S 2	18 4	0 57	3 45	21 41	0 45	3 23	0 22	2 0	0 14	23 12	0 9	19 38	0 30	11 47	0 43	10 41	1 47	22 36	11 43	19 22	19 26	21 57	11 28	7 28
M 3	17 48	4n41	4 28	21 28	0 55	2 53	0 17	2 16	0 14	23 12	0 9	19 36	0 30	11 46	0 43	10 41	1 47	22 35	11 43	19 23	19 27	21 58	11 29	7 28
T 4	17 33	10 1	4 58	21 12	1 4	2 22	0 13	2 31	0 13	23 12	0 9	19 34	0 30	11 45	0 43	10 41	1 47	22 34	11 43	19 23	19 28	22 0	11 30	7 28
W 5	17 17	14 53	5 14	20 53	1 12	1 52	0 9	2 47	0 12	23 12	0 8	19 32	0 31	11 44	0 43	10 41	1 47	22 34	11 43	19 23	19 29	22 2	11 31	7 28
T 6	17 1	19 7	5 16	20 32	1 19	1 22	0 4	3 2	0 11	23 12	0 8	19 30	0 31	11 42	0 43	10 41	1 47	22 33	11 43	19 23	19 29	22 3	11 32	7 28
F 7	16 44	22 34	5 4	20 8	1 25	0 52	0s 0	3 17	0 10	23 12	0 8	19 29	0 31	11 41	0 43	10 41	1 48	22 32	11 43	19 23	19 30	22 5	11 33	7 28
S 8	16 28	25 5	4 39	19 42	1 30	0 21	0 5	3 33	0 9	23 12	0 8	19 27	0 31	11 40	0 43	10 41	1 48	22 31	11 43	19 23	19 31	22 7	11 34	7 27
S 9	16 11	26 29	4 3	19 13	1 35	0s 9	0 10	3 49	0 9	23 12	0 8	19 25	0 31	11 38	0 43	10 41	1 48	22 31	11 43	19 23	19 31	22 9	11 34	7 27
M10	15 54	26 39	3 14	18 43	1 39	0 39	0 14	4 4	0 8	23 12	0 8	19 23	0 31	11 37	0 43	10 41	1 48	22 30	11 43	19 22	19 32	22 10	11 35	7 27
T 11	15 36	25 30	2 17	18 10	1 42	1 10	0 19	4 20	0 7	23 13	0 7	19 22	0 31	11 36	0 43	10 40	1 48	22 29	11 42	19 22	19 33	22 12	11 36	7 27
W12	15 18	23 3	1 11	17 35	1 44	1 40	0 24	4 35	0 6	23 13	0 7	19 20	0 31	11 34	0 43	10 40	1 48	22 28	11 42	19 22	19 34	22 14	11 37	7 27
T 13	15 0	19 22	0 0	16 59	1 45	2 10	0 29	4 51	0 5	23 13	0 7	19 18	0 31	11 33	0 43	10 40	1 48	22 28	11 42	19 22	19 34	22 15	11 38	7 27
F 14	14 42	14 39	1s12	16 22	1 46	2 40	0 34	5 6	0 5	23 13	0 7	19 16	0 31	11 32	0 43	10 40	1 48	22 27	11 43	19 22	19 35	22 17	11 39	7 27
S 15	14 24	9 8	2 22	15 43	1 46	3 11	0 39	5 22	0 4	23 13	0 7	19 14	0 32	11 30	0 43	10 40	1 48	22 26	11 43	19 22	19 36	22 19	11 40	7 26
S 16	14 5	3 4	3 25	15 3	1 45	3 41	0 44	5 37	0 3	23 13	0 7	19 13	0 32	11 29	0 43	10 40	1 48	22 26	11 43	19 23	19 37	22 20	11 41	7 26
M17	13 46	3s13	4 17	14 22	1 44	4 11	0 50	5 53	0 2	23 13	0 7	19 11	0 32	11 28	0 43	10 40	1 48	22 25	11 43	19 23	19 37	22 22	11 42	7 26
T 18	13 27	9 24	4 53	13 39	1 42	4 41	0 55	6 8	0 1	23 13	0 6	19 9	0 32	11 26	0 43	10 39	1 48	22 24	11 43	19 24	19 38	22 23	11 43	7 26
W19	13 8	15 8	5 12	12 57	1 40	5 10	1 0	6 24	0 1	23 13	0 6	19 7	0 32	11 25	0 43	10 39	1 48	22 23	11 43	19 25	19 39	22 25	11 44	7 26
T 20	12 48	20 3	5 12	12 13	1 37	5 40	1 6	6 39	0s 0	23 13	0 6	19 5	0 32	11 24	0 43	10 39	1 48	22 23	11 43	19 25	19 39	22 27	11 45	7 25
F 21	12 28	23 48	4 52	11 29	1 33	6 10	1 11	6 55	0 1	23 14	0 6	19 4	0 32	11 22	0 43	10 39	1 48	22 22	11 43	19 25	19 40	22 28	11 45	7 25
S 22	12 9	26 5	4 15	10 44	1 30	6 39	1 17	7 10	0 2	23 14	0 6	19 2	0 32	11 21	0 43	10 39	1 48	22 21	11 43	19 25	19 41	22 30	11 46	7 25
S 23	11 48	26 41	3 22	9 59	1 25	7 9	1 22	7 26	0 2	23 14	0 6	19 0	0 32	11 20	0 43	10 38	1 48	22 21	11 43	19 25	19 42	22 31	11 47	7 25
M24	11 28	25 35	2 19	9 14	1 21	7 38	1 28	7 41	0 3	23 14	0 6	18 58	0 32	11 18	0 43	10 38	1 49	22 20	11 43	19 24	19 42	22 33	11 48	7 24
T 25	11 8	22 55	1 7	8 28	1 16	8 7	1 34	7 57	0 4	23 14	0 5	18 56	0 33	11 17	0 43	10 38	1 49	22 19	11 43	19 24	19 43	22 35	11 49	7 24
W26	10 47	19 0	0n 7	7 43	1 10	8 36	1 39	8 12	0 5	23 14	0 5	18 55	0 33	11 16	0 43	10 38	1 49	22 19	11 43	19 24	19 44	22 36	11 50	7 24
T 27	10 26	14 9	1 19	6 57	1 5	9 4	1 45	8 28	0 5	23 15	0 5	18 53	0 33	11 14	0 43	10 37	1 49	22 18	11 43	19 24	19 44	22 38	11 51	7 24
F 28	10 5	8 44	2 26	6 11	0 59	9 33	1 51	8 43	0 6	23 15	0 5	18 51	0 33	11 13	0 43	10 37	1 49	22 17	11 43	19 25	19 45	22 39	11 52	7 23
S 29	9 44	3 2	3 24	5 25	0 53	10 1	1 57	8 58	0 7	23 15	0 5	18 49	0 33	11 12	0 43	10 37	1 49	22 17	11 43	19 26	19 46	22 41	11 53	7 23
S 30	9 23	2n39	4 11	4 40	0 46	10 29	2 3	9 13	0 8	23 15	0 5	18 48	0 33	11 10	0 43	10 36	1 49	22 16	11 43	19 27	19 47	22 42	11 54	7 23
M31	9n 1	8n 8	4n45	3n54	0n40	10s57	2s 9	9s29	0s 8	23s15	0n 5	18n46	0n33	11n 9	0n43	10n36	1s49	22n15	11n44	19s28	19s47	22n44	11s55	7n22

Julian Day Number = 2346201.5, Delta T = 11.26 sec
Ecliptic obliquity = 23°28'41, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'50, Lahiri = 19°49'51Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1711
geocentric

SEPTEMBER 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 37 55	7♍48'04	21♈46	23♍21	24♎ 0	24♎43	23♐49	8♌23	2♍55	2°R20	0♍29	3°R 8	1♒46	21♉10	4°R50	T 1
W 2	22 41 52	8°46'14	3♉50	24°59	24°59	25°23	23°51	8°30	2°59	2♉19	0°31	3♒ 2	1°42	21°16	4♒48	W 2
T 3	22 45 48	9°44'26	15°47	26°35	25°58	26° 3	23°53	8°37	3° 2	2°18	0°33	2°58	1°39	21°23	4°45	T 3
F 4	22 49 45	10°42'40	27°39	28°10	26°56	26°42	23°56	8°44	3° 6	2°17	0°35	2°56	1°36	21°30	4°43	F 4
S 5	22 53 41	11°40'56	9♊32	29°45	27°54	27°22	23°58	8°51	3°10	2°16	0°37	2°D55	1°33	21°37	4°40	S 5
S 6	22 57 38	12°39'14	21°29	1♎17	28°51	28° 2	24° 1	8°58	3°14	2°15	0°39	2°55	1°30	21°43	4°38	S 6
M 7	23 1 34	13°37'34	3♋37	2°49	29°48	28°42	24° 4	9° 5	3°17	2°14	0°41	2°56	1°27	21°50	4°36	M 7
T 8	23 5 31	14°35'57	15°59	4°20	0♏45	29°22	24° 7	9°11	3°21	2°13	0°43	2°58	1°23	21°57	4°33	T 8
W 9	23 9 28	15°34'21	28°40	5°49	1°41	0♏ 2	24°11	9°18	3°25	2°12	0°45	2°R59	1°20	22° 3	4°31	W 9
T 10	23 13 24	16°32'47	11♌44	7°18	2°37	0°42	24°14	9°25	3°28	2°11	0°47	2°58	1°17	22°10	4°29	T 10
F 11	23 17 21	17°31'16	25°12	8°45	3°32	1°23	24°18	9°32	3°32	2°10	0°49	2°56	1°14	22°17	4°27	F 11
S 12	23 21 17	18°29'46	9♍ 3	10°11	4°26	2° 3	24°22	9°38	3°36	2° 9	0°51	2°52	1°11	22°24	4°25	S 12
S 13	23 25 14	19°28'19	23°16	11°36	5°21	2°44	24°26	9°45	3°39	2° 8	0°53	2°46	1° 7	22°30	4°23	S 13
M14	23 29 10	20°26'53	7♎45	12°59	6°14	3°24	24°30	9°51	3°43	2° 7	0°55	2°39	1° 4	22°37	4°21	M14
T 15	23 33 7	21°25'29	22°23	14°22	7° 7	4° 5	24°35	9°58	3°47	2° 6	0°57	2°31	1° 1	22°44	4°19	T 15
W16	23 37 3	22°24'07	7♏ 3	15°43	8° 0	4°46	24°39	10° 4	3°50	2° 5	0°59	2°24	0°58	22°50	4°17	W16
T 17	23 41 0	23°22'46	21°39	17° 2	8°51	5°26	24°44	10°11	3°54	2° 3	1° 0	2°19	0°55	22°57	4°16	T 17
F 18	23 44 56	24°21'28	6♐ 4	18°21	9°43	6° 7	24°49	10°17	3°58	2° 2	1° 2	2°15	0°52	23° 4	4°14	F 18
S 19	23 48 53	25°20'11	20°16	19°37	10°33	6°48	24°54	10°23	4° 1	2° 1	1° 4	2°D14	0°48	23°11	4°12	S 19
S 20	23 52 50	26°18'56	4♑13	20°53	11°23	7°29	24°59	10°29	4° 5	2° 0	1° 6	2°14	0°45	23°17	4°11	S 20
M21	23 56 46	27°17'42	17°54	22° 7	12°12	8°10	25° 5	10°36	4° 8	1°58	1° 8	2°15	0°42	23°24	4° 9	M21
T 22	0 0 43	28°16'30	1♒21	23°19	13° 0	8°51	25°11	10°42	4°12	1°57	1°10	2°R15	0°39	23°31	4° 8	T 22
W23	0 4 39	29°15'20	14°35	24°29	13°48	9°33	25°16	10°48	4°15	1°56	1°12	2°15	0°36	23°37	4° 6	W23
T 24	0 8 36	0♎14'12	27°37	25°38	14°34	10°14	25°22	10°54	4°19	1°54	1°13	2°12	0°32	23°44	4° 5	T 24
F 25	0 12 32	1°13'05	10♓27	26°44	15°20	10°55	25°28	10°59	4°22	1°53	1°15	2° 6	0°29	23°51	4° 4	F 25
S 26	0 16 29	2°12'00	23° 6	27°49	16° 5	11°37	25°35	11° 5	4°26	1°51	1°17	1°58	0°26	23°57	4° 2	S 26
S 27	0 20 25	3°10'58	5♈35	28°51	16°49	12°18	25°41	11°11	4°29	1°50	1°19	1°48	0°23	24° 4	4° 1	S 27
M28	0 24 22	4° 9'57	17°53	29°51	17°32	13° 0	25°47	11°17	4°32	1°49	1°21	1°37	0°20	24°11	4° 0	M28
T 29	0 28 19	5° 8'59	0♉ 2	0♏48	18°14	13°42	25°54	11°22	4°36	1°47	1°22	1°25	0°17	24°18	3°59	T 29
W30	0 32 15	6♎ 8'02	12♉ 3	1♏42	18♏55	14♏23	26♐ 1	11♌28	4♍39	1♉46	1♍24	1♒13	0♒13	24♉24	3♒58	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n39	13n12	5n 5	3n 9	0n33	11s25	2s15	9s44	0s 9	23s16	0n 4	18n44	0n33	11n 7	0n43	10n36	1s49	22n15	11n44	19s29	19s48	22n45	11s56	7n22
W 2	8 18	17 41	5 11	2 23	0 26	11 52	2 21	9 59	0 10	23 16	0 4	18 42	0 33	11 6	0 43	10 35	1 49	22 14	11 44	19 31	19 49	22 47	11 57	7 22
T 3	7 56	21 25	5 3	1 39	0 18	12 19	2 27	10 14	0 10	23 16	0 4	18 41	0 34	11 5	0 43	10 35	1 49	22 14	11 44	19 32	19 49	22 48	11 57	7 21
F 4	7 34	24 15	4 42	0 54	0 11	12 46	2 33	10 29	0 11	23 16	0 4	18 39	0 34	11 3	0 43	10 35	1 49	22 13	11 44	19 32	19 50	22 50	11 58	7 21
S 5	7 12	26 2	4 10	0 10	0 4	13 13	2 39	10 44	0 12	23 17	0 4	18 37	0 34	11 2	0 43	10 34	1 49	22 12	11 44	19 32	19 51	22 52	11 59	7 21
S 6	6 49	26 38	3 26	0s34	0s 4	13 39	2 45	10 59	0 13	23 17	0 4	18 35	0 34	11 1	0 43	10 34	1 49	22 12	11 44	19 32	19 52	22 53	12 0	7 20
M 7	6 27	25 58	2 32	1 18	0 12	14 5	2 51	11 14	0 13	23 17	0 4	18 34	0 34	10 59	0 43	10 34	1 49	22 11	11 44	19 32	19 52	22 55	12 1	7 20
T 8	6 4	24 1	1 31	2 1	0 19	14 31	2 57	11 29	0 14	23 17	0 3	18 32	0 34	10 58	0 43	10 33	1 49	22 11	11 45	19 32	19 53	22 56	12 2	7 20
W 9	5 42	20 50	0 23	2 44	0 27	14 57	3 4	11 44	0 15	23 18	0 3	18 30	0 34	10 57	0 43	10 33	1 49	22 10	11 45	19 31	19 54	22 57	12 3	7 19
T 10	5 19	16 32	0s47	3 26	0 35	15 22	3 10	11 59	0 15	23 18	0 3	18 29	0 34	10 55	0 43	10 32	1 49	22 9	11 45	19 32	19 54	22 59	12 4	7 19
F 11	4 56	11 18	1 57	4 8	0 43	15 47	3 16	12 13	0 16	23 18	0 3	18 27	0 34	10 54	0 43	10 32	1 49	22 9	11 45	19 32	19 55	23 0	12 5	7 18
S 12	4 33	5 22	3 2	4 49	0 51	16 11	3 22	12 28	0 17	23 19	0 3	18 25	0 35	10 53	0 43	10 32	1 49	22 8	11 45	19 33	19 56	23 2	12 5	7 18
S 13	4 10	0s57	3 57	5 30	0 59	16 36	3 28	12 43	0 17	23 19	0 3	18 24	0 35	10 51	0 43	10 31	1 50	22 8	11 45	19 34	19 56	23 3	12 6	7 18
M14	3 47	7 20	4 39	6 10	1 7	16 59	3 34	12 57	0 18	23 19	0 3	18 22	0 35	10 50	0 43	10 31	1 50	22 7	11 46	19 36	19 57	23 5	12 7	7 17
T 15	3 24	13 23	5 2	6 49	1 15	17 23	3 41	13 12	0 19	23 19	0 3	18 20	0 35	10 49	0 43	10 30	1 50	22 7	11 46	19 38	19 58	23 6	12 8	7 17
W16	3 1	18 42	5 6	7 28	1 23	17 46	3 47	13 26	0 20	23 20	0 2	18 19	0 35	10 47	0 43	10 30	1 50	22 6	11 46	19 39	19 59	23 8	12 9	7 16
T 17	2 38	22 52	4 50	8 6	1 31	18 9	3 53	13 40	0 20	23 20	0 2	18 17	0 35	10 46	0 43	10 29	1 50	22 6	11 46	19 41	19 59	23 9	12 10	7 16
F 18	2 15	25 33	4 15	8 43	1 38	18 31	3 59	13 55	0 21	23 20	0 2	18 16	0 35	10 45	0 43	10 29	1 50	22 5	11 46	19 41	20 0	23 11	12 10	7 16
S 19	1 51	26 32	3 26	9 20	1 46	18 53	4 5	14 9	0 21	23 21	0 2	18 14	0 35	10 44	0 43	10 28	1 50	22 5	11 47	19 42	20 1	23 12	12 11	7 15
S 20	1 28	25 49	2 25	9 55	1 54	19 15	4 11	14 23	0 22	23 21	0 2	18 13	0 36	10 42	0 43	10 28	1 50	22 4	11 47	19 42	20 1	23 13	12 12	7 15
M21	1 5	23 32	1 16	10 30	2 1	19 36	4 17	14 37	0 23	23 21	0 2	18 11	0 36	10 41	0 44	10 28	1 50	22 4	11 47	19 42	20 2	23 15	12 13	7 14
T 22	0 41	19 58	0 5	11 4	2 9	19 56	4 23	14 51	0 23	23 22	0 2	18 9	0 36	10 40	0 44	10 27	1 50	22 3	11 47	19 41	20 3	23 16	12 14	7 14
W23	0 18	15 26	1n 6	11 37	2 16	20 17	4 29	15 4	0 24	23 22	0 2	18 8	0 36	10 38	0 44	10 27	1 50	22 3	11 47	19 42	20 3	23 18	12 14	7 13
T 24	0s 6	10 16	2 11	12 8	2 23	20 36	4 35	15 18	0 25	23 22	0 1	18 6	0 36	10 37	0 44	10 26	1 50	22 2	11 48	19 42	20 4	23 19	12 15	7 13
F 25	0 29	4 45	3 9	12 39	2 30	20 56	4 40	15 32	0 25	23 23	0 1	18 5	0 36	10 36	0 44	10 26	1 50	22 2	11 48	19 43	20 5	23 20	12 16	7 12
S 26	0 53	0n53	3 57	13 9	2 36	21 14	4 46	15 45	0 26	23 23	0 1	18 3	0 36	10 35	0 44	10 25	1 50	22 1	11 48	19 45	20 5	23 22	12 17	7 12
S 27	1 16	6 23	4 32	13 37	2 43	21 33	4 52	15 59	0 27	23 23	0 1	18 2	0 37	10 34	0 44	10 25	1 50	22 1	11 48	19 47	20 6	23 23	12 17	7 11
M28	1 40	11 33	4 54	14 4	2 49	21 51	4 57	16 12	0 27	23 24	0 1	18 1	0 37	10 32	0 44	10 24	1 50	22 1	11 49	19 50	20 7	23 24	12 18	7 11
T 29	2 3	16 13	5 2	14 30	2 55	22 8	5 3	16 25	0 28	23 24	0 1	17 59	0 37	10 31	0 44	10 23	1 50	22 0	11 49	19 53	20 7	23 26	12 19	7 10
W30	2s26	20n11	4n57	14s54	3s 0	22s25	5s 8	16s38	0s28	23s24	0n 1	17n58	0n37	10n30	0n44	10n23	1s50	22n 0	11n49	19s55	20s 8	23n27	12s19	7n10

Julian Day Number = 2346232.5, Delta T = 11.25 sec
Ecliptic obliquity = 23°28'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'55, Lahiri = 19°49'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

OCTOBER 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 36 12	7♎ 7'08	23♉57	2♏33	19♏35	15♏ 5	26♐ 8	11♑33	4♍43	1°R44	1♍26	1°R 4	0♒10	24♉31	3°R57	T 1
F 2	0 40 8	8° 6'17	5♊47	3°21	20°14	15°47	26°15	11°39	4°46	1♉43	1°27	0♒57	0° 7	24°38	3♒57	F 2
S 3	0 44 5	9° 5'27	17°37	4° 5	20°52	16°29	26°22	11°44	4°49	1°41	1°29	0°52	0° 4	24°44	3°56	S 3
S 4	0 48 1	10° 4'40	29°32	4°44	21°29	17°11	26°30	11°49	4°52	1°40	1°31	0°50	0° 1	24°51	3°55	S 4
M 5	0 51 58	11° 3'55	11♋36	5°20	22° 4	17°53	26°37	11°55	4°56	1°38	1°32	0°D49	29♑58	24°58	3°55	M 5
T 6	0 55 54	12° 3'13	23°55	5°50	22°38	18°36	26°45	12° 0	4°59	1°37	1°34	0°R49	29°54	25° 5	3°54	T 6
W 7	0 59 51	13° 2'32	6♌34	6°15	23°10	19°18	26°53	12° 5	5° 2	1°35	1°36	0°49	29°51	25°11	3°54	W 7
T 8	1 3 48	14° 1'54	19°38	6°35	23°42	20° 0	27° 1	12°10	5° 5	1°33	1°37	0°48	29°48	25°18	3°53	T 8
F 9	1 7 44	15° 1'19	3♍ 9	6°48	24°11	20°43	27° 9	12°15	5° 8	1°32	1°39	0°44	29°45	25°25	3°53	F 9
S 10	1 11 41	16° 0'45	17° 9	6°R54	24°40	21°25	27°17	12°20	5°11	1°30	1°40	0°38	29°42	25°31	3°53	S 10
S 11	1 15 37	17° 0'14	1♎35	6°53	25° 6	22° 8	27°26	12°24	5°14	1°29	1°42	0°29	29°38	25°38	3°52	S 11
M12	1 19 34	17°59'45	16°24	6°45	25°31	22°50	27°34	12°29	5°17	1°27	1°43	0°19	29°35	25°45	3°52	M12
T 13	1 23 30	18°59'18	1♏26	6°28	25°55	23°33	27°43	12°33	5°20	1°25	1°45	0° 7	29°32	25°52	3°D52	T 13
W14	1 27 27	19°58'53	16°31	6° 2	26°16	24°16	27°52	12°38	5°23	1°24	1°46	29♑56	29°29	25°58	3°52	W14
T 15	1 31 23	20°58'30	1♐30	5°28	26°36	24°59	28° 1	12°42	5°26	1°22	1°48	29°48	29°26	26° 5	3°52	T 15
F 16	1 35 20	21°58'09	16°14	4°46	26°54	25°42	28°10	12°47	5°29	1°20	1°49	29°41	29°23	26°12	3°52	F 16
S 17	1 39 17	22°57'49	0♑38	3°55	27°10	26°25	28°19	12°51	5°32	1°19	1°51	29°38	29°19	26°18	3°53	S 17
S 18	1 43 13	23°57'32	14°39	2°56	27°24	27° 8	28°28	12°55	5°35	1°17	1°52	29°37	29°16	26°25	3°53	S 18
M19	1 47 10	24°57'16	28°18	1°51	27°36	27°51	28°38	12°59	5°38	1°15	1°53	29°36	29°13	26°32	3°53	M19
T 20	1 51 6	25°57'01	11♒36	0°40	27°45	28°34	28°47	13° 3	5°40	1°14	1°55	29°36	29°10	26°39	3°54	T 20
W21	1 55 3	26°56'48	24°37	29♎26	27°53	29°17	28°57	13° 7	5°43	1°12	1°56	29°34	29° 7	26°45	3°54	W21
T 22	1 58 59	27°56'37	7♓22	28°10	27°58	0♐ 1	29° 6	13°11	5°46	1°10	1°57	29°30	29° 4	26°52	3°55	T 22
F 23	2 2 56	28°56'28	19°56	26°54	28° 1	0°44	29°16	13°14	5°48	1° 9	1°59	29°23	29° 0	26°59	3°56	F 23
S 24	2 6 52	29°56'20	2♈19	25°42	28°R 1	1°28	29°26	13°18	5°51	1° 7	2° 0	29°13	28°57	27° 5	3°56	S 24
S 25	2 10 49	0♏56'15	14°33	24°34	27°59	2°11	29°36	13°21	5°53	1° 5	2° 1	29° 1	28°54	27°12	3°57	S 25
M26	2 14 46	1°56'11	26°41	23°34	27°55	2°55	29°46	13°25	5°56	1° 4	2° 2	28°47	28°51	27°19	3°58	M26
T 27	2 18 42	2°56'09	8♉42	22°43	27°48	3°38	29°57	13°28	5°58	1° 2	2° 4	28°32	28°48	27°25	3°59	T 27
W28	2 22 39	3°56'09	20°37	22° 3	27°39	4°22	0♑ 7	13°31	6° 1	1° 0	2° 5	28°18	28°44	27°32	4° 0	W28
T 29	2 26 35	4°56'11	2♊29	21°33	27°27	5° 6	0°18	13°34	6° 3	0°58	2° 6	28° 6	28°41	27°39	4° 1	T 29
F 30	2 30 32	5°56'15	14°18	21°15	27°13	5°50	0°28	13°37	6° 6	0°57	2° 7	27°56	28°38	27°46	4° 2	F 30
S 31	2 34 28	6♏56'21	26♊ 8	21°D 8	26♏57	6♐34	0♑39	13♑40	6♍ 8	0♉55	2♍ 8	27♑50	28♑35	27♉52	4♒ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s50	23n18	4n39	15s16	3s 5	22s41	5s13	16s51	0s29	23s25	0n 1	17n56	0n37	10n29	0n44	10n22	1s50	21n59	11n49	19s57	20s 9	23n28	12s20	7n 9
F 2	3 13	25 23	4 9	15 37	3 10	22 57	5 19	17 4	0 30	23 25	0 1	17 55	0 37	10 27	0 44	10 22	1 50	21 59	11 50	19 59	20 9	23 30	12 21	7 9
S 3	3 37	26 21	3 28	15 56	3 14	23 12	5 24	17 17	0 30	23 25	0 0	17 54	0 37	10 26	0 44	10 21	1 50	21 59	11 50	20 0	20 10	23 31	12 21	7 8
S 4	4 0	26 7	2 38	16 13	3 17	23 26	5 29	17 29	0 31	23 26	0 0	17 52	0 38	10 25	0 44	10 21	1 50	21 58	11 50	20 0	20 11	23 32	12 22	7 8
M 5	4 23	24 38	1 40	16 27	3 20	23 40	5 33	17 42	0 32	23 26	0 0	17 51	0 38	10 24	0 44	10 20	1 50	21 58	11 51	20 0	20 12	23 34	12 23	7 8
T 6	4 46	21 57	0 37	16 40	3 22	23 54	5 38	17 54	0 32	23 26	0 0	17 50	0 38	10 23	0 44	10 20	1 50	21 58	11 51	20 0	20 12	23 35	12 23	7 7
W 7	5 9	18 10	0s30	16 49	3 23	24 7	5 42	18 6	0 33	23 27	0s 0	17 48	0 38	10 22	0 44	10 19	1 50	21 57	11 51	20 0	20 13	23 36	12 24	7 6
T 8	5 33	13 24	1 38	16 56	3 24	24 19	5 47	18 18	0 33	23 27	0 0	17 47	0 38	10 21	0 44	10 19	1 50	21 57	11 51	20 1	20 14	23 38	12 24	7 6
F 9	5 56	7 51	2 42	17 0	3 23	24 31	5 51	18 30	0 34	23 27	0 0	17 46	0 38	10 19	0 44	10 18	1 50	21 57	11 52	20 1	20 14	23 39	12 25	7 5
S 10	6 19	1 43	3 39	17 1	3 21	24 41	5 55	18 42	0 34	23 27	0 0	17 45	0 38	10 18	0 44	10 17	1 50	21 56	11 52	20 3	20 15	23 40	12 25	7 5
S 11	6 41	4s40	4 24	16 57	3 19	24 52	5 58	18 54	0 35	23 28	0 0	17 44	0 39	10 17	0 44	10 17	1 50	21 56	11 52	20 5	20 16	23 41	12 26	7 4
M12	7 4	10 57	4 52	16 51	3 14	25 1	6 2	19 5	0 36	23 28	0 1	17 42	0 39	10 16	0 44	10 16	1 50	21 56	11 53	20 7	20 16	23 43	12 27	7 4
T 13	7 27	16 41	5 0	16 39	3 8	25 10	6 5	19 16	0 36	23 28	0 1	17 41	0 39	10 15	0 44	10 16	1 50	21 56	11 53	20 9	20 17	23 44	12 27	7 3
W14	7 49	21 24	4 48	16 24	3 1	25 18	6 8	19 28	0 37	23 28	0 1	17 40	0 39	10 14	0 44	10 15	1 50	21 55	11 53	20 12	20 18	23 45	12 28	7 3
T 15	8 12	24 40	4 16	16 4	2 52	25 25	6 10	19 39	0 37	23 29	0 1	17 39	0 39	10 13	0 44	10 14	1 50	21 55	11 54	20 14	20 18	23 46	12 28	7 2
F 16	8 34	26 12	3 28	15 39	2 41	25 32	6 13	19 50	0 38	23 29	0 1	17 38	0 39	10 12	0 44	10 14	1 50	21 55	11 54	20 15	20 19	23 48	12 28	7 2
S 17	8 57	25 55	2 27	15 10	2 28	25 38	6 15	20 0	0 38	23 29	0 1	17 37	0 39	10 11	0 44	10 13	1 51	21 55	11 54	20 16	20 20	23 49	12 29	7 1
S 18	9 19	23 58	1 18	14 36	2 14	25 43	6 16	20 11	0 39	23 29	0 1	17 36	0 40	10 10	0 44	10 13	1 51	21 54	11 55	20 16	20 20	23 50	12 29	7 1
M19	9 41	20 39	0 7	13 59	1 58	25 47	6 18	20 21	0 39	23 30	0 1	17 35	0 40	10 9	0 44	10 12	1 51	21 54	11 55	20 16	20 21	23 51	12 30	7 0
T 20	10 2	16 19	1n 3	13 17	1 40	25 50	6 19	20 31	0 40	23 30	0 1	17 34	0 40	10 8	0 44	10 12	1 51	21 54	11 55	20 16	20 22	23 53	12 30	7 0
W21	10 24	11 20	2 8	12 33	1 21	25 52	6 19	20 41	0 40	23 30	0 2	17 33	0 40	10 7	0 44	10 11	1 51	21 54	11 56	20 16	20 22	23 54	12 31	6 59
T 22	10 46	5 57	3 5	11 47	1 1	25 53	6 19	20 51	0 41	23 30	0 2	17 32	0 40	10 6	0 44	10 10	1 51	21 54	11 56	20 17	20 23	23 55	12 31	6 59
F 23	11 7	0 26	3 52	11 1	0 40	25 54	6 19	21 1	0 42	23 30	0 2	17 31	0 40	10 5	0 44	10 10	1 51	21 54	11 56	20 19	20 23	23 56	12 31	6 58
S 24	11 28	5n 1	4 28	10 15	0 20	25 53	6 18	21 10	0 42	23 30	0 2	17 30	0 41	10 4	0 44	10 9	1 51	21 54	11 57	20 21	20 24	23 57	12 32	6 58
S 25	11 49	10 12	4 50	9 32	0n 1	25 51	6 16	21 20	0 43	23 31	0 2	17 29	0 41	10 3	0 44	10 9	1 51	21 53	11 57	20 23	20 25	23 58	12 32	6 57
M26	12 10	14 57	4 59	8 51	0 20	25 48	6 14	21 29	0 43	23 31	0 2	17 29	0 41	10 2	0 44	10 8	1 51	21 53	11 58	20 26	20 25	24 0	12 32	6 57
T 27	12 31	19 4	4 55	8 15	0 39	25 44	6 12	21 38	0 44	23 31	0 2	17 28	0 41	10 1	0 44	10 7	1 51	21 53	11 58	20 29	20 26	24 1	12 33	6 56
W28	12 51	22 23	4 37	7 44	0 56	25 39	6 9	21 46	0 44	23 31	0 2	17 27	0 41	10 1	0 45	10 7	1 51	21 53	11 58	20 32	20 27	24 2	12 33	6 56
T 29	13 11	24 44	4 8	7 18	1 12	25 32	6 5	21 55	0 45	23 31	0 2	17 26	0 41	10 0	0 45	10 6	1 51	21 53	11 59	20 35	20 27	24 3	12 33	6 55
F 30	13 31	26 0	3 28	6 58	1 26	25 25	6 0	22 3	0 45	23 31	0 2	17 26	0 42	9 59	0 45	10 6	1 51	21 53	11 59	20 36	20 28	24 4	12 33	6 55
S 31	13s51	26n 4	2n39	6s45	1n38	25s16	5s55	22s11	0s46	23s31	0s 3	17n25	0n42	9n58	0n45	10n 5	1s51	21n53	11n59	20s38	20s29	24n 5	12s34	6n54

Julian Day Number = 2346262.5, Delta T = 11.23 sec
Ecliptic obliquity = 23°28'42, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°42'59, Lahiri = 19°49'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

NOVEMBER 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 38 25	7♏56'29	8♋ 2	21♎13	26°R38	7♐18	0♑50	13♒43	6♍10	0°R53	2♍ 9	27°R46	28♑32	27♉59	4♓ 5	S 1
M 2	2 42 21	8°56'39	20° 5	21°28	26♏17	8° 2	1° 1	13°46	6°12	0♉52	2°10	27♑45	28°29	28° 6	4° 6	M 2
T 3	2 46 18	9°56'52	2♒20	21°54	25°54	8°46	1°12	13°48	6°14	0°50	2°11	27°D44	28°25	28°12	4° 7	T 3
W 4	2 50 15	10°57'06	14°54	22°29	25°29	9°30	1°23	13°51	6°17	0°48	2°12	27°R44	28°22	28°19	4° 9	W 4
T 5	2 54 11	11°57'22	27°52	23°12	25° 1	10°14	1°34	13°53	6°19	0°47	2°13	27°43	28°19	28°26	4°10	T 5
F 6	2 58 8	12°57'40	11♍17	24° 2	24°32	10°59	1°45	13°55	6°21	0°45	2°14	27°41	28°16	28°33	4°12	F 6
S 7	3 2 4	13°58'01	25°12	25° 0	24° 2	11°43	1°57	13°57	6°23	0°44	2°15	27°35	28°13	28°39	4°14	S 7
S 8	3 6 1	14°58'23	9♎37	26° 2	23°30	12°27	2° 8	13°59	6°25	0°42	2°15	27°27	28° 9	28°46	4°15	S 8
M 9	3 9 57	15°58'47	24°29	27°10	22°56	13°12	2°20	14° 1	6°26	0°40	2°16	27°17	28° 6	28°53	4°17	M 9
T 10	3 13 54	16°59'13	9♏39	28°23	22°22	13°57	2°31	14° 3	6°28	0°39	2°17	27° 6	28° 3	28°59	4°19	T 10
W11	3 17 50	17°59'41	24°58	29°38	21°47	14°41	2°43	14° 5	6°30	0°37	2°18	26°56	28° 0	29° 6	4°21	W11
T 12	3 21 47	19° 0'10	10♐14	0♏58	21°11	15°26	2°55	14° 7	6°32	0°35	2°19	26°47	27°57	29°13	4°23	T 12
F 13	3 25 44	20° 0'41	25°16	2°19	20°34	16°11	3° 7	14° 8	6°33	0°34	2°19	26°41	27°54	29°19	4°25	F 13
S 14	3 29 40	21° 1'14	9♑57	3°43	19°58	16°55	3°19	14° 9	6°35	0°32	2°20	26°38	27°50	29°26	4°27	S 14
S 15	3 33 37	22° 1'47	24°12	5° 9	19°22	17°40	3°31	14°11	6°37	0°31	2°21	26°D37	27°47	29°33	4°29	S 15
M16	3 37 33	23° 2'22	7♒59	6°36	18°46	18°25	3°43	14°12	6°38	0°29	2°21	26°37	27°44	29°40	4°32	M16
T 17	3 41 30	24° 2'58	21°21	8° 5	18°10	19°10	3°55	14°13	6°40	0°28	2°22	26°R37	27°41	29°46	4°34	T 17
W18	3 45 26	25° 3'35	4♓19	9°35	17°36	19°55	4° 7	14°14	6°41	0°26	2°22	26°37	27°38	29°53	4°36	W18
T 19	3 49 23	26° 4'13	16°59	11° 5	17° 3	20°40	4°19	14°15	6°42	0°25	2°23	26°35	27°35	29°59	4°39	T 19
F 20	3 53 19	27° 4'53	29°23	12°37	16°31	21°26	4°32	14°15	6°44	0°23	2°23	26°30	27°31	0♊ 6	4°41	F 20
S 21	3 57 16	28° 5'33	11♈36	14° 8	16° 0	22°11	4°44	14°16	6°45	0°22	2°24	26°23	27°28	0°13	4°44	S 21
S 22	4 1 13	29° 6'15	23°41	15°41	15°31	22°56	4°57	14°17	6°46	0°20	2°24	26°13	27°25	0°20	4°46	S 22
M23	4 5 9	0♐ 6'58	5♉39	17°13	15° 4	23°41	5° 9	14°17	6°47	0°19	2°25	26° 2	27°22	0°26	4°49	M23
T 24	4 9 6	1° 7'42	17°33	18°46	14°39	24°27	5°22	14°17	6°48	0°18	2°25	25°51	27°19	0°33	4°52	T 24
W25	4 13 2	2° 8'28	29°25	20°20	14°16	25°12	5°35	14°17	6°49	0°16	2°25	25°40	27°15	0°40	4°55	W25
T 26	4 16 59	3° 9'15	11♊16	21°53	13°56	25°58	5°47	14°R17	6°50	0°15	2°26	25°31	27°12	0°47	4°58	T 26
F 27	4 20 55	4°10'03	23° 8	23°26	13°37	26°43	6° 0	14°17	6°51	0°13	2°26	25°24	27° 9	0°53	5° 0	F 27
S 28	4 24 52	5°10'52	5♋ 2	25° 0	13°21	27°29	6°13	14°17	6°52	0°12	2°26	25°19	27° 6	1° 0	5° 3	S 28
S 29	4 28 48	6°11'43	17° 1	26°34	13° 8	28°14	6°26	14°17	6°53	0°11	2°26	25°16	27° 3	1° 7	5° 6	S 29
M30	4 32 45	7♐12'35	29♋ 8	28♏ 7	12♏57	29♐ 0	6♑39	14♒17	6♍54	0♉10	2♍26	25°D16	27♑ 0	1♊13	5♓ 9	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s11	24n56	1n42	6s37	1n49	25s 6	5s50	22s19	0s46	23s31	0s 3	17n24	0n42	9n57	0n45	10n 5	1s51	21n53	12n 0	20s38	20s29	24n 6	12s34	6n54
M 2	14 30	22 38	0 40	6 35	1 57	24 54	5 43	22 27	0 46	23 31	0 3	17 24	0 42	9 57	0 45	10 4	1 51	21 53	12 0	20 39	20 30	24 8	12 34	6 53
T 3	14 49	19 16	0s24	6 38	2 4	24 42	5 36	22 34	0 47	23 31	0 3	17 23	0 42	9 56	0 45	10 3	1 51	21 53	12 1	20 39	20 31	24 9	12 34	6 53
W 4	15 8	14 58	1 30	6 46	2 9	24 28	5 28	22 42	0 47	23 31	0 3	17 23	0 42	9 55	0 45	10 3	1 50	21 53	12 1	20 39	20 31	24 10	12 34	6 52
T 5	15 27	9 51	2 32	6 58	2 13	24 13	5 19	22 49	0 48	23 31	0 3	17 22	0 43	9 54	0 45	10 2	1 50	21 53	12 1	20 39	20 32	24 11	12 34	6 52
F 6	15 45	4 7	3 29	7 14	2 16	23 56	5 10	22 55	0 48	23 31	0 3	17 22	0 43	9 54	0 45	10 2	1 50	21 53	12 2	20 40	20 33	24 12	12 34	6 51
S 7	16 3	2s 0	4 15	7 34	2 17	23 39	5 0	23 2	0 49	23 31	0 3	17 21	0 43	9 53	0 45	10 1	1 50	21 53	12 2	20 41	20 33	24 13	12 35	6 51
S 8	16 21	8 13	4 48	7 57	2 17	23 20	4 49	23 8	0 49	23 31	0 3	17 21	0 43	9 52	0 45	10 1	1 50	21 53	12 3	20 42	20 34	24 14	12 35	6 50
M 9	16 39	14 10	5 1	8 22	2 16	23 1	4 38	23 14	0 50	23 31	0 3	17 20	0 43	9 52	0 45	10 0	1 50	21 53	12 3	20 44	20 34	24 15	12 35	6 50
T 10	16 56	19 23	4 55	8 49	2 14	22 40	4 26	23 20	0 50	23 31	0 4	17 20	0 43	9 51	0 45	10 0	1 50	21 53	12 4	20 46	20 35	24 16	12 35	6 49
W11	17 13	23 21	4 27	9 19	2 12	22 19	4 13	23 26	0 51	23 31	0 4	17 20	0 44	9 50	0 45	9 59	1 50	21 54	12 4	20 48	20 36	24 17	12 35	6 49
T 12	17 30	25 39	3 40	9 49	2 8	21 57	4 0	23 31	0 51	23 30	0 4	17 19	0 44	9 50	0 45	9 58	1 50	21 54	12 4	20 50	20 36	24 18	12 35	6 48
F 13	17 46	26 2	2 38	10 21	2 5	21 34	3 47	23 37	0 51	23 30	0 4	17 19	0 44	9 49	0 45	9 58	1 50	21 54	12 5	20 51	20 37	24 19	12 35	6 48
S 14	18 2	24 33	1 27	10 54	2 0	21 10	3 32	23 42	0 52	23 30	0 4	17 19	0 44	9 49	0 45	9 57	1 50	21 54	12 5	20 52	20 38	24 21	12 35	6 47
S 15	18 18	21 31	0 13	11 27	1 55	20 46	3 18	23 46	0 52	23 30	0 4	17 19	0 44	9 48	0 45	9 57	1 50	21 54	12 6	20 52	20 38	24 22	12 35	6 47
M16	18 34	17 20	1n 0	12 1	1 50	20 22	3 3	23 51	0 53	23 30	0 4	17 18	0 45	9 47	0 45	9 56	1 50	21 54	12 6	20 52	20 39	24 23	12 35	6 46
T 17	18 49	12 23	2 8	12 35	1 45	19 57	2 48	23 55	0 53	23 29	0 4	17 18	0 45	9 47	0 45	9 56	1 50	21 54	12 7	20 52	20 40	24 24	12 35	6 46
W18	19 4	7 2	3 7	13 9	1 39	19 33	2 33	23 59	0 53	23 29	0 4	17 18	0 45	9 47	0 45	9 55	1 50	21 55	12 7	20 52	20 40	24 25	12 34	6 45
T 19	19 18	1 32	3 55	13 43	1 32	19 9	2 17	24 3	0 54	23 29	0 4	17 18	0 45	9 46	0 45	9 55	1 50	21 55	12 7	20 52	20 41	24 26	12 34	6 45
F 20	19 32	3n54	4 31	14 17	1 26	18 44	2 2	24 6	0 54	23 28	0 4	17 18	0 45	9 46	0 45	9 54	1 50	21 55	12 8	20 53	20 41	24 27	12 34	6 45
S 21	19 46	9 7	4 54	14 51	1 20	18 21	1 46	24 9	0 54	23 28	0 5	17 18	0 45	9 45	0 45	9 54	1 50	21 55	12 8	20 55	20 42	24 28	12 34	6 44
S 22	19 59	13 55	5 4	15 24	1 13	17 57	1 31	24 12	0 55	23 28	0 5	17 18	0 46	9 45	0 46	9 53	1 50	21 56	12 9	20 56	20 43	24 29	12 34	6 44
M23	20 12	18 8	5 0	15 57	1 6	17 35	1 15	24 15	0 55	23 27	0 5	17 18	0 46	9 44	0 46	9 53	1 50	21 56	12 9	20 58	20 43	24 30	12 34	6 43
T 24	20 25	21 37	4 43	16 29	0 59	17 13	1 0	24 17	0 56	23 27	0 5	17 18	0 46	9 44	0 46	9 52	1 50	21 56	12 10	21 1	20 44	24 31	12 33	6 43
W25	20 37	24 11	4 14	17 1	0 52	16 52	0 45	24 19	0 56	23 27	0 5	17 18	0 46	9 44	0 46	9 52	1 50	21 56	12 10	21 3	20 44	24 31	12 33	6 42
T 26	20 49	25 42	3 34	17 32	0 45	16 31	0 30	24 21	0 56	23 26	0 5	17 18	0 46	9 43	0 46	9 52	1 50	21 57	12 10	21 4	20 45	24 32	12 33	6 42
F 27	21 1	26 2	2 44	18 3	0 38	16 12	0 15	24 23	0 57	23 26	0 5	17 19	0 46	9 43	0 46	9 51	1 50	21 57	12 11	21 6	20 46	24 33	12 33	6 42
S 28	21 12	25 10	1 47	18 33	0 31	15 54	0 1	24 24	0 57	23 25	0 5	17 19	0 47	9 43	0 46	9 51	1 50	21 57	12 11	21 7	20 46	24 34	12 32	6 41
S 29	21 23	23 8	0 44	19 2	0 24	15 36	0n13	24 25	0 57	23 25	0 5	17 19	0 47	9 42	0 46	9 50	1 50	21 58	12 12	21 7	20 47	24 35	12 32	6 41
M30	21s33	20n 2	0s21	19s30	0n17	15s20	0n26	24s26	0s58	23s24	0s 5	17n19	0n47	9n42	0n46	9n50	1s50	21n58	12n12	21s 7	20s48	24n36	12s32	6n40

Julian Day Number = 2346293.5, Delta T = 11.22 sec
Ecliptic obliquity = 23°28'41, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'03, Lahiri = 19°50'04Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1711
geocentric

DECEMBER 1711 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 36 42	8♐13'28	11♌26	29♏41	12°R48	29♐46	6♑52	14°R16	6♍54	0°R 8	2♍27	25♑17	26♑56	1♊20	5♒13	T 1
W 2	4 40 38	9°14'23	24° 0	1♐15	12♏42	0♑31	7° 5	14♌15	6°55	0♉ 7	2°27	25°19	26°53	1°27	5°16	W 2
T 3	4 44 35	10°15'18	6♍54	2°48	12°39	1°17	7°18	14°15	6°56	0° 6	2°27	25°R19	26°50	1°33	5°19	T 3
F 4	4 48 31	11°16'15	20°11	4°22	12°D38	2° 3	7°32	14°14	6°56	0° 5	2°27	25°19	26°47	1°40	5°22	F 4
S 5	4 52 28	12°17'14	3♎55	5°56	12°39	2°49	7°45	14°13	6°57	0° 4	2°R27	25°17	26°44	1°47	5°26	S 5
S 6	4 56 24	13°18'13	18° 7	7°30	12°43	3°35	7°58	14°12	6°57	0° 2	2°27	25°13	26°41	1°54	5°29	S 6
M 7	5 0 21	14°19'14	2♏45	9° 4	12°50	4°21	8°11	14°11	6°58	0° 1	2°27	25° 8	26°37	2° 0	5°32	M 7
T 8	5 4 17	15°20'16	17°45	10°38	12°58	5° 7	8°25	14° 9	6°58	0° 0	2°27	25° 1	26°34	2° 7	5°36	T 8
W 9	5 8 14	16°21'19	2♐57	12°12	13° 9	5°53	8°38	14° 8	6°58	29♈59	2°27	24°55	26°31	2°14	5°39	W 9
T 10	5 12 11	17°22'23	18°13	13°46	13°22	6°39	8°52	14° 6	6°58	29°58	2°26	24°50	26°28	2°20	5°43	T 10
F 11	5 16 7	18°23'28	3♑21	15°20	13°37	7°26	9° 5	14° 5	6°58	29°57	2°26	24°47	26°25	2°27	5°47	F 11
S 12	5 20 4	19°24'33	18°12	16°54	13°54	8°12	9°19	14° 3	6°59	29°56	2°26	24°D45	26°21	2°34	5°50	S 12
S 13	5 24 0	20°25'39	2♒39	18°28	14°13	8°58	9°32	14° 1	6°R59	29°55	2°26	24°45	26°18	2°40	5°54	S 13
M14	5 27 57	21°26'45	16°39	20° 3	14°35	9°45	9°46	13°59	6°59	29°54	2°26	24°46	26°15	2°47	5°58	M14
T 15	5 31 53	22°27'52	0♓11	21°37	14°58	10°31	10° 0	13°57	6°58	29°53	2°25	24°48	26°12	2°54	6° 1	T 15
W16	5 35 50	23°28'58	13°17	23°12	15°22	11°17	10°13	13°55	6°58	29°53	2°25	24°49	26° 9	3° 1	6° 5	W16
T 17	5 39 46	24°30'05	26° 0	24°47	15°49	12° 4	10°27	13°53	6°58	29°52	2°25	24°R50	26° 6	3° 7	6° 9	T 17
F 18	5 43 43	25°31'13	8♈24	26°22	16°17	12°50	10°41	13°50	6°58	29°51	2°24	24°49	26° 2	3°14	6°13	F 18
S 19	5 47 40	26°32'20	20°34	27°57	16°47	13°37	10°54	13°48	6°58	29°50	2°24	24°47	25°59	3°21	6°17	S 19
S 20	5 51 36	27°33'28	2♉34	29°33	17°19	14°23	11° 8	13°45	6°57	29°49	2°23	24°43	25°56	3°27	6°21	S 20
M21	5 55 33	28°34'36	14°28	1♑ 9	17°52	15°10	11°22	13°43	6°57	29°49	2°23	24°39	25°53	3°34	6°25	M21
T 22	5 59 29	29°35'44	26°19	2°45	18°26	15°57	11°36	13°40	6°56	29°48	2°22	24°34	25°50	3°41	6°29	T 22
W23	6 3 26	0♑36'52	8♊ 9	4°21	19° 2	16°43	11°50	13°37	6°56	29°47	2°22	24°30	25°47	3°47	6°33	W23
T 24	6 7 22	1°38'01	20° 2	5°57	19°39	17°30	12° 4	13°34	6°55	29°47	2°21	24°26	25°43	3°54	6°37	T 24
F 25	6 11 19	2°39'09	1♋59	7°34	20°18	18°17	12°17	13°31	6°54	29°46	2°21	24°23	25°40	4° 1	6°41	F 25
S 26	6 15 16	3°40'18	14° 2	9°11	20°57	19° 3	12°31	13°28	6°54	29°46	2°20	24°22	25°37	4° 7	6°45	S 26
S 27	6 19 12	4°41'27	26°12	10°48	21°38	19°50	12°45	13°25	6°53	29°45	2°19	24°D21	25°34	4°14	6°50	S 27
M28	6 23 9	5°42'37	8♌31	12°26	22°20	20°37	12°59	13°22	6°52	29°45	2°19	24°22	25°31	4°21	6°54	M28
T 29	6 27 5	6°43'46	21° 1	14° 4	23° 4	21°24	13°13	13°18	6°51	29°44	2°18	24°23	25°27	4°28	6°58	T 29
W30	6 31 2	7°44'56	3♍45	15°41	23°48	22°11	13°27	13°15	6°50	29°44	2°17	24°24	25°24	4°34	7° 2	W30
T 31	6 34 58	8♑46'06	16♍45	17♑20	24♏33	22♑58	13♑41	13♌11	6♍50	29♈43	2♍17	24♑26	25♑21	4♊41	7♒ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s43	16n 0	1s26	19s57	0n10	15s 5	0n39	24s27	0s58	23s23	0s 5	17n20	0n47	9n42	0n46	9n50	1s50	21n58	12n13	21s 7	20s48	24n37	12s31	6n40
W 2	21 52	11 12	2 29	20 23	0 3	14 51	0 52	24 27	0 58	23 23	0 6	17 20	0 47	9 42	0 46	9 49	1 50	21 59	12 13	21 7	20 49	24 38	12 31	6 39
T 3	22 1	5 48	3 26	20 49	0s 4	14 39	1 4	24 27	0 59	23 22	0 6	17 20	0 48	9 42	0 46	9 49	1 50	21 59	12 14	21 6	20 49	24 39	12 31	6 39
F 4	22 10	0 0	4 14	21 13	0 11	14 27	1 16	24 27	0 59	23 22	0 6	17 21	0 48	9 41	0 46	9 48	1 50	21 59	12 14	21 6	20 50	24 40	12 30	6 39
S 5	22 18	5s58	4 49	21 37	0 17	14 17	1 27	24 26	0 59	23 21	0 6	17 21	0 48	9 41	0 46	9 48	1 50	22 0	12 14	21 7	20 51	24 41	12 30	6 38
S 6	22 26	11 51	5 7	21 59	0 24	14 8	1 38	24 25	0 59	23 20	0 6	17 22	0 48	9 41	0 46	9 48	1 50	22 0	12 15	21 8	20 51	24 42	12 29	6 38
M 7	22 33	17 15	5 7	22 21	0 30	14 0	1 48	24 24	1 0	23 19	0 6	17 22	0 48	9 41	0 46	9 47	1 50	22 1	12 15	21 9	20 52	24 42	12 29	6 38
T 8	22 40	21 43	4 46	22 41	0 37	13 53	1 58	24 23	1 0	23 19	0 6	17 23	0 48	9 41	0 46	9 47	1 50	22 1	12 16	21 10	20 52	24 43	12 29	6 37
W 9	22 47	24 47	4 5	23 0	0 43	13 47	2 8	24 21	1 0	23 18	0 6	17 23	0 49	9 41	0 46	9 47	1 49	22 1	12 16	21 11	20 53	24 44	12 28	6 37
T 10	22 53	26 2	3 6	23 18	0 49	13 42	2 17	24 19	1 0	23 17	0 6	17 24	0 49	9 41	0 46	9 46	1 49	22 2	12 17	21 12	20 54	24 45	12 28	6 37
F 11	22 58	25 20	1 54	23 35	0 55	13 39	2 25	24 17	1 1	23 16	0 6	17 25	0 49	9 41	0 46	9 46	1 49	22 2	12 17	21 12	20 54	24 46	12 27	6 36
S 12	23 3	22 50	0 36	23 51	1 1	13 36	2 33	24 14	1 1	23 15	0 6	17 25	0 49	9 41	0 46	9 46	1 49	22 3	12 17	21 13	20 55	24 47	12 27	6 36
S 13	23 8	18 54	0n43	24 5	1 7	13 34	2 41	24 12	1 1	23 15	0 7	17 26	0 49	9 41	0 46	9 45	1 49	22 3	12 18	21 13	20 55	24 48	12 26	6 35
M14	23 12	14 1	1 57	24 18	1 12	13 33	2 48	24 8	1 1	23 14	0 7	17 27	0 50	9 41	0 47	9 45	1 49	22 4	12 18	21 12	20 56	24 48	12 25	6 35
T 15	23 16	8 35	3 2	24 30	1 18	13 33	2 55	24 5	1 2	23 13	0 7	17 28	0 50	9 41	0 47	9 45	1 49	22 4	12 19	21 12	20 57	24 49	12 25	6 35
W16	23 19	2 58	3 55	24 41	1 23	13 34	3 2	24 2	1 2	23 12	0 7	17 28	0 50	9 41	0 47	9 45	1 49	22 5	12 19	21 12	20 57	24 50	12 24	6 34
T 17	23 22	2n36	4 35	24 50	1 28	13 36	3 8	23 58	1 2	23 11	0 7	17 29	0 50	9 41	0 47	9 44	1 49	22 5	12 20	21 12	20 58	24 51	12 24	6 34
F 18	23 24	7 56	5 1	24 58	1 32	13 39	3 13	23 53	1 2	23 10	0 7	17 30	0 50	9 41	0 47	9 44	1 49	22 6	12 20	21 12	20 58	24 52	12 23	6 34
S 19	23 26	12 52	5 12	25 4	1 37	13 42	3 19	23 49	1 3	23 9	0 7	17 31	0 50	9 42	0 47	9 44	1 49	22 6	12 20	21 12	20 59	24 52	12 22	6 34
S 20	23 27	17 14	5 10	25 10	1 41	13 46	3 24	23 44	1 3	23 8	0 7	17 32	0 51	9 42	0 47	9 44	1 49	22 7	12 21	21 13	21 0	24 53	12 22	6 33
M21	23 28	20 54	4 55	25 13	1 45	13 51	3 28	23 39	1 3	23 7	0 7	17 33	0 51	9 42	0 47	9 44	1 49	22 8	12 21	21 14	21 0	24 54	12 21	6 33
T 22	23 29	23 41	4 27	25 16	1 49	13 56	3 33	23 34	1 3	23 6	0 7	17 34	0 51	9 42	0 47	9 43	1 49	22 8	12 22	21 15	21 1	24 55	12 20	6 33
W23	23 29	25 27	3 47	25 17	1 52	14 2	3 37	23 29	1 3	23 4	0 8	17 35	0 51	9 42	0 47	9 43	1 49	22 9	12 22	21 15	21 1	24 56	12 20	6 32
T 24	23 28	26 4	2 58	25 16	1 55	14 8	3 40	23 23	1 3	23 3	0 8	17 36	0 51	9 43	0 47	9 43	1 49	22 9	12 22	21 16	21 2	24 56	12 19	6 32
F 25	23 27	25 28	2 0	25 14	1 58	14 15	3 44	23 17	1 4	23 2	0 8	17 37	0 51	9 43	0 47	9 43	1 49	22 10	12 23	21 17	21 3	24 57	12 18	6 32
S 26	23 26	23 41	0 57	25 10	2 1	14 23	3 47	23 10	1 4	23 1	0 8	17 38	0 52	9 43	0 47	9 43	1 49	22 10	12 23	21 17	21 3	24 58	12 17	6 32
S 27	23 24	20 47	0s10	25 5	2 3	14 31	3 49	23 4	1 4	23 0	0 8	17 39	0 52	9 44	0 47	9 43	1 49	22 11	12 24	21 17	21 4	24 59	12 17	6 31
M28	23 21	16 55	1 17	24 58	2 5	14 39	3 52	22 57	1 4	22 58	0 8	17 40	0 52	9 44	0 47	9 42	1 48	22 12	12 24	21 17	21 4	24 59	12 16	6 31
T 29	23 18	12 16	2 22	24 50	2 6	14 48	3 54	22 50	1 4	22 57	0 8	17 41	0 52	9 44	0 47	9 42	1 48	22 12	12 24	21 17	21 5	25 0	12 15	6 31
W30	23 15	7 1	3 21	24 40	2 7	14 57	3 56	22 42	1 4	22 56	0 8	17 42	0 52	9 45	0 47	9 42	1 48	22 13	12 25	21 16	21 6	25 1	12 14	6 31
T 31	23s11	1n23	4s11	24s28	2s 8	15s 6	3n57	22s35	1s 5	22s55	0s 8	17n43	0n52	9n45	0n47	9n42	1s48	22n14	12n25	21s16	21s 6	25n 1	12s13	6n30

Julian Day Number = 2346323.5, Delta T = 11.21 sec
Ecliptic obliquity = 23°28'40, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'07, Lahiri = 19°50'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

JANUARY 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 38 55	9♑47'16	0♎ 3	18♑58	25♏20	23♑45	13♑55	13°R 8	6°R48	29°R43	2°R16	24♑27	25♑18	4♊48	7♒11	F 1
S 2	6 42 51	10°48'26	13°40	20°36	26° 7	24°32	14° 9	13♌ 4	6♍47	29♈43	2♍15	24°R27	25°15	4°54	7°16	S 2
S 3	6 46 48	11°49'37	27°39	22°15	26°55	25°19	14°23	13° 0	6°46	29°42	2°14	24°26	25°12	5° 1	7°20	S 3
M 4	6 50 45	12°50'48	11♏58	23°54	27°44	26° 6	14°37	12°56	6°45	29°42	2°13	24°25	25° 8	5° 8	7°24	M 4
T 5	6 54 41	13°51'59	26°35	25°32	28°34	26°53	14°51	12°53	6°44	29°42	2°12	24°24	25° 5	5°14	7°29	T 5
W 6	6 58 38	14°53'10	11♐25	27°10	29°25	27°40	15° 5	12°49	6°43	29°42	2°12	24°23	25° 2	5°21	7°33	W 6
T 7	7 2 34	15°54'21	26°21	28°49	0♑16	28°27	15°19	12°44	6°41	29°42	2°11	24°22	24°59	5°28	7°38	T 7
F 8	7 6 31	16°55'32	11♑16	0♒26	1° 8	29°14	15°33	12°40	6°40	29°42	2°10	24°21	24°56	5°34	7°42	F 8
S 9	7 10 27	17°56'42	26° 0	2° 3	2° 1	0♒ 1	15°47	12°36	6°39	29°42	2° 9	24°D21	24°53	5°41	7°47	S 9
S 10	7 14 24	18°57'52	10♒27	3°40	2°55	0°49	16° 1	12°32	6°37	29°42	2° 8	24°21	24°49	5°48	7°51	S 10
M11	7 18 20	19°59'02	24°32	5°15	3°49	1°36	16°15	12°28	6°36	29°D42	2° 7	24°22	24°46	5°55	7°56	M11
T 12	7 22 17	21° 0'11	8♓12	6°49	4°44	2°23	16°29	12°23	6°34	29°42	2° 6	24°22	24°43	6° 1	8° 1	T 12
W13	7 26 14	22° 1'19	21°26	8°21	5°39	3°10	16°44	12°19	6°32	29°42	2° 4	24°22	24°40	6° 8	8° 5	W13
T 14	7 30 10	23° 2'26	4♈16	9°51	6°35	3°58	16°58	12°14	6°31	29°42	2° 3	24°23	24°37	6°15	8°10	T 14
F 15	7 34 7	24° 3'32	16°46	11°19	7°32	4°45	17°12	12°10	6°29	29°42	2° 2	24°23	24°33	6°21	8°15	F 15
S 16	7 38 3	25° 4'38	28°58	12°44	8°29	5°32	17°26	12° 5	6°27	29°42	2° 1	24°23	24°30	6°28	8°19	S 16
S 17	7 42 0	26° 5'43	10♉59	14° 5	9°27	6°19	17°39	12° 1	6°26	29°42	2° 0	24°23	24°27	6°35	8°24	S 17
M18	7 45 56	27° 6'46	22°52	15°23	10°25	7° 7	17°53	11°56	6°24	29°42	1°59	24°23	24°24	6°41	8°29	M18
T 19	7 49 53	28° 7'49	4♊41	16°35	11°23	7°54	18° 7	11°51	6°22	29°43	1°58	24°23	24°21	6°48	8°33	T 19
W20	7 53 49	29° 8'51	16°32	17°42	12°22	8°42	18°21	11°47	6°20	29°43	1°56	24°24	24°18	6°55	8°38	W20
T 21	7 57 46	0♒ 9'52	28°28	18°43	13°22	9°29	18°35	11°42	6°18	29°43	1°55	24°24	24°14	7° 1	8°43	T 21
F 22	8 1 43	1°10'53	10♋31	19°36	14°22	10°16	18°49	11°37	6°16	29°44	1°54	24°25	24°11	7° 8	8°47	F 22
S 23	8 5 39	2°11'52	22°44	20°21	15°22	11° 4	19° 3	11°32	6°14	29°44	1°53	24°R25	24° 8	7°15	8°52	S 23
S 24	8 9 36	3°12'50	5♌ 9	20°58	16°23	11°51	19°17	11°28	6°12	29°45	1°51	24°25	24° 5	7°22	8°57	S 24
M25	8 13 32	4°13'47	17°47	21°25	17°24	12°38	19°31	11°23	6°10	29°45	1°50	24°24	24° 2	7°28	9° 2	M25
T 26	8 17 29	5°14'43	0♍38	21°41	18°26	13°26	19°44	11°18	6° 8	29°46	1°49	24°23	23°59	7°35	9° 6	T 26
W27	8 21 25	6°15'39	13°43	21°R47	19°28	14°13	19°58	11°13	6° 6	29°46	1°47	24°22	23°55	7°42	9°11	W27
T 28	8 25 22	7°16'33	27° 0	21°41	20°30	15° 1	20°12	11° 8	6° 4	29°47	1°46	24°20	23°52	7°48	9°16	T 28
F 29	8 29 18	8°17'27	10♎31	21°24	21°32	15°48	20°26	11° 3	6° 2	29°47	1°45	24°18	23°49	7°55	9°20	F 29
S 30	8 33 15	9°18'20	24°15	20°56	22°35	16°36	20°39	10°58	5°59	29°48	1°43	24°17	23°46	8° 2	9°25	S 30
S 31	8 37 12	10♒19'12	8♏11	20♒18	23♐39	17♒23	20♑53	10♌53	5♍57	29♈49	1♍42	24°D16	23♑43	8♊ 8	9♒30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 7	4s26	4s49	24s15	2s 8	15s16	3n59	22s27	1s 5	22s53	0s 8	17n45	0n53	9n45	0n47	9n42	1s48	22n14	12n26	21s16	21s 7	25n 2	12s13	6n30
S 2	23 2	10 11	5 11	24 0	2 8	15 25	4 0	22 19	1 5	22 52	0 8	17 46	0 53	9 46	0 47	9 42	1 48	22 15	12 26	21 16	21 7	25 3	12 12	6 30
S 3	22 57	15 34	5 16	23 44	2 8	15 36	4 1	22 10	1 5	22 50	0 9	17 47	0 53	9 46	0 47	9 42	1 48	22 15	12 26	21 16	21 8	25 3	12 11	6 30
M 4	22 51	20 14	5 2	23 26	2 6	15 46	4 1	22 2	1 5	22 49	0 9	17 48	0 53	9 47	0 47	9 42	1 48	22 16	12 27	21 16	21 8	25 4	12 10	6 30
T 5	22 45	23 46	4 28	23 7	2 5	15 56	4 2	21 53	1 5	22 48	0 9	17 49	0 53	9 47	0 47	9 42	1 48	22 17	12 27	21 16	21 9	25 5	12 9	6 29
W 6	22 39	25 45	3 36	22 45	2 2	16 7	4 2	21 44	1 5	22 46	0 9	17 51	0 53	9 48	0 47	9 42	1 48	22 17	12 27	21 17	21 10	25 5	12 8	6 29
T 7	22 32	25 55	2 29	22 23	2 0	16 17	4 2	21 34	1 5	22 45	0 9	17 52	0 53	9 48	0 48	9 42	1 48	22 18	12 28	21 17	21 10	25 6	12 7	6 29
F 8	22 24	24 12	1 12	21 59	1 56	16 28	4 2	21 24	1 5	22 43	0 9	17 53	0 54	9 49	0 48	9 42	1 48	22 19	12 28	21 17	21 11	25 7	12 6	6 29
S 9	22 16	20 50	0n 9	21 33	1 52	16 39	4 2	21 14	1 5	22 42	0 9	17 55	0 54	9 49	0 48	9 42	1 48	22 20	12 28	21 17	21 11	25 7	12 5	6 29
S 10	22 8	16 14	1 28	21 6	1 47	16 50	4 1	21 4	1 5	22 40	0 9	17 56	0 54	9 50	0 48	9 42	1 48	22 20	12 29	21 17	21 12	25 8	12 4	6 28
M11	21 59	10 51	2 40	20 38	1 41	17 1	4 0	20 54	1 5	22 38	0 9	17 57	0 54	9 51	0 48	9 42	1 48	22 21	12 29	21 17	21 12	25 9	12 3	6 28
T 12	21 50	5 6	3 40	20 8	1 35	17 11	4 0	20 43	1 5	22 37	0 9	17 59	0 54	9 51	0 48	9 42	1 48	22 22	12 29	21 17	21 13	25 9	12 2	6 28
W13	21 40	0n41	4 27	19 37	1 28	17 22	3 58	20 32	1 6	22 35	0 10	18 0	0 54	9 52	0 48	9 42	1 48	22 22	12 30	21 17	21 14	25 10	12 1	6 28
T 14	21 30	6 16	4 58	19 6	1 20	17 33	3 57	20 21	1 6	22 34	0 10	18 2	0 54	9 52	0 48	9 42	1 47	22 23	12 30	21 17	21 14	25 11	12 0	6 28
F 15	21 20	11 26	5 15	18 33	1 11	17 43	3 56	20 10	1 6	22 32	0 10	18 3	0 55	9 53	0 48	9 42	1 47	22 24	12 30	21 17	21 15	25 11	11 59	6 28
S 16	21 9	16 3	5 17	18 0	1 1	17 54	3 54	19 59	1 6	22 30	0 10	18 4	0 55	9 54	0 48	9 43	1 47	22 24	12 31	21 17	21 15	25 12	11 58	6 28
S 17	20 58	19 58	5 4	17 26	0 51	18 4	3 53	19 47	1 6	22 28	0 10	18 6	0 55	9 55	0 48	9 43	1 47	22 25	12 31	21 17	21 16	25 12	11 57	6 27
M18	20 46	23 1	4 39	16 52	0 39	18 14	3 51	19 35	1 6	22 27	0 10	18 7	0 55	9 55	0 48	9 43	1 47	22 26	12 31	21 17	21 16	25 13	11 56	6 27
T 19	20 34	25 5	4 2	16 19	0 27	18 24	3 49	19 23	1 6	22 25	0 10	18 9	0 55	9 56	0 48	9 43	1 47	22 27	12 32	21 16	21 17	25 14	11 55	6 27
W20	20 22	26 2	3 15	15 46	0 13	18 34	3 47	19 10	1 6	22 23	0 10	18 10	0 55	9 57	0 48	9 43	1 47	22 27	12 32	21 16	21 17	25 14	11 54	6 27
T 21	20 9	25 47	2 19	15 14	0n 1	18 44	3 44	18 58	1 6	22 21	0 10	18 11	0 55	9 57	0 48	9 43	1 47	22 28	12 32	21 16	21 18	25 15	11 53	6 27
F 22	19 56	24 20	1 16	14 43	0 16	18 53	3 42	18 45	1 6	22 20	0 10	18 13	0 56	9 58	0 48	9 44	1 47	22 29	12 32	21 16	21 19	25 15	11 52	6 27
S 23	19 42	21 43	0 9	14 13	0 32	19 2	3 39	18 32	1 5	22 18	0 11	18 14	0 56	9 59	0 48	9 44	1 47	22 29	12 33	21 16	21 19	25 16	11 51	6 27
S 24	19 28	18 3	0s59	13 46	0 49	19 11	3 37	18 19	1 5	22 16	0 11	18 16	0 56	10 0	0 48	9 44	1 47	22 30	12 33	21 16	21 20	25 16	11 49	6 27
M25	19 14	13 32	2 6	13 21	1 6	19 20	3 34	18 5	1 5	22 14	0 11	18 17	0 56	10 0	0 48	9 44	1 47	22 31	12 33	21 16	21 20	25 17	11 48	6 27
T 26	18 59	8 20	3 8	12 59	1 23	19 28	3 31	17 52	1 5	22 12	0 11	18 19	0 56	10 1	0 48	9 44	1 47	22 32	12 33	21 17	21 21	25 17	11 47	6 27
W27	18 44	2 43	4 0	12 41	1 41	19 36	3 28	17 38	1 5	22 10	0 11	18 20	0 56	10 2	0 48	9 45	1 47	22 32	12 34	21 17	21 21	25 18	11 46	6 27
T 28	18 29	3s 6	4 41	12 26	1 58	19 44	3 25	17 24	1 5	22 8	0 11	18 22	0 56	10 3	0 48	9 45	1 47	22 33	12 34	21 17	21 22	25 18	11 45	6 27
F 29	18 13	8 53	5 7	12 15	2 15	19 51	3 22	17 10	1 5	22 6	0 11	18 23	0 56	10 4	0 48	9 45	1 47	22 34	12 34	21 17	21 22	25 19	11 44	6 27
S 30	17 57	14 19	5 16	12 8	2 32	19 58	3 19	16 55	1 5	22 4	0 11	18 25	0 56	10 5	0 48	9 46	1 46	22 35	12 34	21 18	21 23	25 19	11 42	6 27
S 31	17s41	19s 6	5s 7	12s 6	2n47	20s 4	3n15	16s41	1s 5	22s 2	0s11	18n26	0n57	10n 5	0n48	9n46	1s46	22n35	12n35	21s18	21s24	25n20	11s41	6n27

Julian Day Number = 2346354.5, Delta T = 11.19 sec
Ecliptic obliquity = 23°28'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'12, Lahiri = 19°50'12Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1712
geocentric

FEBRUARY 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 41 8	11♒20'03	22♏18	19°R30	24♐42	18♒10	21♑ 7	10°R48	5°R55	29♈49	1°R40	24♑17	23♑39	8♊15	9♒35	M 1
T 2	8 45 5	12°20'54	6♐35	18♒34	25°46	18°58	21°20	10♌44	5♍52	29°50	1♍39	24°18	23°36	8°22	9°39	T 2
W 3	8 49 1	13°21'44	20°59	17°31	26°50	19°45	21°34	10°39	5°50	29°51	1°38	24°19	23°33	8°28	9°44	W 3
T 4	8 52 58	14°22'32	5♑26	16°23	27°54	20°33	21°47	10°34	5°48	29°52	1°36	24°20	23°30	8°35	9°49	T 4
F 5	8 56 54	15°23'20	19°53	15°13	28°59	21°20	22° 1	10°29	5°45	29°53	1°35	24°R21	23°27	8°42	9°54	F 5
S 6	9 0 51	16°24'07	4♒15	14° 1	0♑ 4	22° 8	22°14	10°24	5°43	29°54	1°33	24°21	23°24	8°48	9°58	S 6
S 7	9 4 48	17°24'52	18°26	12°51	1° 9	22°55	22°28	10°19	5°40	29°55	1°32	24°19	23°20	8°55	10° 3	S 7
M 8	9 8 44	18°25'35	2♓21	11°43	2°15	23°43	22°41	10°14	5°38	29°55	1°30	24°17	23°17	9° 2	10° 8	M 8
T 9	9 12 41	19°26'17	15°57	10°39	3°20	24°30	22°55	10° 9	5°36	29°56	1°29	24°13	23°14	9° 8	10°12	T 9
W10	9 16 37	20°26'58	29°11	9°41	4°26	25°18	23° 8	10° 5	5°33	29°57	1°27	24° 9	23°11	9°15	10°17	W10
T 11	9 20 34	21°27'37	12♈ 5	8°50	5°32	26° 5	23°21	10° 0	5°31	29°59	1°26	24° 4	23° 8	9°22	10°22	T 11
F 12	9 24 30	22°28'14	24°38	8° 6	6°38	26°53	23°34	9°55	5°28	29°59	1°24	24° 1	23° 5	9°29	10°26	F 12
S 13	9 28 27	23°28'50	6♉53	7°29	7°44	27°40	23°47	9°50	5°25	0♉ 1	1°23	23°58	23° 1	9°35	10°31	S 13
S 14	9 32 23	24°29'24	18°56	7° 0	8°51	28°27	24° 1	9°46	5°23	0° 2	1°21	23°57	22°58	9°42	10°36	S 14
M15	9 36 20	25°29'56	0♊49	6°39	9°58	29°15	24°14	9°41	5°20	0° 3	1°20	23°D57	22°55	9°49	10°40	M15
T 16	9 40 16	26°30'26	12°39	6°26	11° 5	0♓ 2	24°27	9°36	5°18	0° 4	1°18	23°58	22°52	9°55	10°45	T 16
W17	9 44 13	27°30'54	24°30	6°D19	12°12	0°50	24°40	9°32	5°15	0° 5	1°17	23°59	22°49	10° 2	10°50	W17
T 18	9 48 10	28°31'21	6♋28	6°20	13°19	1°37	24°52	9°27	5°13	0° 7	1°15	24° 1	22°45	10° 9	10°54	T 18
F 19	9 52 6	29°31'46	18°36	6°28	14°27	2°24	25° 5	9°23	5°10	0° 8	1°14	24°R 2	22°42	10°15	10°59	F 19
S 20	9 56 3	0♓32'09	0♌57	6°41	15°34	3°12	25°18	9°19	5° 7	0° 9	1°12	24° 2	22°39	10°22	11° 3	S 20
S 21	9 59 59	1°32'30	13°36	7° 1	16°42	3°59	25°31	9°14	5° 5	0°11	1°10	24° 0	22°36	10°29	11° 8	S 21
M22	10 3 56	2°32'49	26°32	7°26	17°50	4°47	25°43	9°10	5° 2	0°12	1° 9	23°57	22°33	10°35	11°12	M22
T 23	10 7 52	3°33'06	9♍47	7°56	18°58	5°34	25°56	9° 6	4°59	0°13	1° 7	23°51	22°30	10°42	11°17	T 23
W24	10 11 49	4°33'22	23°17	8°30	20° 6	6°21	26° 8	9° 1	4°57	0°15	1° 6	23°45	22°26	10°49	11°21	W24
T 25	10 15 45	5°33'35	7♎ 2	9° 9	21°14	7° 8	26°21	8°57	4°54	0°16	1° 4	23°38	22°23	10°55	11°26	T 25
F 26	10 19 42	6°33'48	20°58	9°52	22°23	7°56	26°33	8°53	4°52	0°18	1° 3	23°31	22°20	11° 2	11°30	F 26
S 27	10 23 39	7°33'59	5♏ 1	10°39	23°31	8°43	26°46	8°49	4°49	0°19	1° 1	23°25	22°17	11° 9	11°34	S 27
S 28	10 27 35	8°34'08	19° 8	11°29	24°40	9°30	26°58	8°45	4°46	0°21	1° 0	23°22	22°14	11°15	11°39	S 28
M29	10 31 32	9♓34'16	3♐17	12♒23	25♑49	10♓17	27♑10	8♌41	4♍44	0♉22	0♍58	23♑20	22♑11	11♊22	11♒43	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s24	22s52	4s39	12s 7	3n 1	20s10	3n12	16s26	1s 5	22s 0	0s11	18n27	0n57	10n 6	0n48	9n46	1s46	22n36	12n35	21s18	21s24	25n20	11s40	6n27
T 2	17 7	25 17	3 54	12 13	3 14	20 16	3 9	16 11	1 5	21 58	0 12	18 29	0 57	10 7	0 48	9 46	1 46	22 37	12 35	21 18	21 25	25 21	11 39	6 27
W 3	16 50	26 4	2 54	12 22	3 24	20 21	3 5	15 56	1 5	21 56	0 12	18 30	0 57	10 8	0 48	9 47	1 46	22 37	12 35	21 17	21 25	25 21	11 38	6 27
T 4	16 33	25 4	1 43	12 34	3 32	20 26	3 1	15 41	1 5	21 54	0 12	18 32	0 57	10 9	0 48	9 47	1 46	22 38	12 35	21 17	21 26	25 22	11 36	6 27
F 5	16 15	22 24	0 25	12 49	3 38	20 31	2 58	15 26	1 4	21 52	0 12	18 33	0 57	10 10	0 48	9 47	1 46	22 39	12 36	21 17	21 26	25 22	11 35	6 27
S 6	15 57	18 21	0n54	13 7	3 41	20 35	2 54	15 10	1 4	21 50	0 12	18 35	0 57	10 11	0 48	9 48	1 46	22 40	12 36	21 17	21 27	25 23	11 34	6 27
S 7	15 38	13 17	2 9	13 26	3 42	20 38	2 50	14 54	1 4	21 48	0 12	18 36	0 57	10 12	0 48	9 48	1 46	22 40	12 36	21 17	21 27	25 23	11 33	6 27
M 8	15 20	7 38	3 14	13 46	3 41	20 41	2 46	14 39	1 4	21 46	0 12	18 37	0 57	10 13	0 48	9 49	1 46	22 41	12 36	21 18	21 28	25 23	11 31	6 27
T 9	15 1	1 46	4 7	14 6	3 38	20 44	2 42	14 23	1 4	21 44	0 12	18 39	0 57	10 14	0 48	9 49	1 46	22 42	12 36	21 18	21 28	25 24	11 30	6 27
W10	14 42	4n 2	4 44	14 27	3 32	20 46	2 38	14 7	1 4	21 42	0 12	18 40	0 57	10 14	0 48	9 49	1 46	22 42	12 36	21 19	21 29	25 24	11 29	6 27
T 11	14 22	9 29	5 7	14 47	3 25	20 48	2 34	13 50	1 3	21 40	0 13	18 42	0 58	10 15	0 48	9 50	1 46	22 43	12 37	21 20	21 30	25 25	11 28	6 27
F 12	14 3	14 24	5 13	15 7	3 16	20 49	2 30	13 34	1 3	21 38	0 13	18 43	0 58	10 16	0 48	9 50	1 46	22 44	12 37	21 20	21 30	25 25	11 26	6 27
S 13	13 43	18 38	5 6	15 25	3 6	20 49	2 26	13 17	1 3	21 35	0 13	18 44	0 58	10 17	0 48	9 51	1 46	22 44	12 37	21 21	21 31	25 26	11 25	6 27
S 14	13 23	22 2	4 44	15 43	2 56	20 49	2 22	13 1	1 3	21 33	0 13	18 46	0 58	10 18	0 48	9 51	1 46	22 45	12 37	21 21	21 31	25 26	11 24	6 27
M15	13 2	24 27	4 11	15 59	2 44	20 49	2 18	12 44	1 3	21 31	0 13	18 47	0 58	10 19	0 49	9 52	1 46	22 46	12 37	21 21	21 32	25 26	11 22	6 27
T 16	12 42	25 46	3 27	16 15	2 32	20 48	2 13	12 27	1 3	21 29	0 13	18 48	0 58	10 20	0 49	9 52	1 46	22 46	12 37	21 21	21 32	25 27	11 21	6 27
W17	12 21	25 56	2 34	16 28	2 19	20 46	2 9	12 10	1 2	21 27	0 13	18 50	0 58	10 21	0 49	9 53	1 45	22 47	12 37	21 21	21 33	25 27	11 20	6 27
T 18	12 0	24 54	1 35	16 40	2 7	20 44	2 5	11 53	1 2	21 24	0 13	18 51	0 58	10 22	0 49	9 53	1 45	22 48	12 37	21 20	21 33	25 27	11 19	6 27
F 19	11 39	22 41	0 30	16 51	1 54	20 42	2 1	11 36	1 2	21 22	0 14	18 52	0 58	10 23	0 49	9 54	1 45	22 48	12 38	21 20	21 34	25 28	11 17	6 27
S 20	11 18	19 22	0s38	17 0	1 41	20 39	1 56	11 18	1 2	21 20	0 14	18 53	0 58	10 24	0 49	9 54	1 45	22 49	12 38	21 20	21 34	25 28	11 16	6 28
S 21	10 57	15 6	1 45	17 8	1 28	20 35	1 52	11 1	1 1	21 18	0 14	18 54	0 58	10 25	0 49	9 55	1 45	22 50	12 38	21 20	21 35	25 28	11 15	6 28
M22	10 35	10 4	2 47	17 14	1 15	20 31	1 48	10 43	1 1	21 16	0 14	18 56	0 58	10 26	0 49	9 55	1 45	22 50	12 38	21 21	21 35	25 29	11 13	6 28
T 23	10 13	4 29	3 43	17 18	1 3	20 26	1 43	10 26	1 1	21 13	0 14	18 57	0 58	10 27	0 49	9 56	1 45	22 51	12 38	21 22	21 36	25 29	11 12	6 28
W24	9 51	1s25	4 27	17 21	0 51	20 20	1 39	10 8	1 1	21 11	0 14	18 58	0 58	10 28	0 49	9 56	1 45	22 52	12 38	21 23	21 36	25 29	11 11	6 28
T 25	9 29	7 20	4 56	17 22	0 39	20 14	1 35	9 50	1 0	21 9	0 14	18 59	0 58	10 29	0 49	9 57	1 45	22 52	12 38	21 24	21 37	25 30	11 9	6 28
F 26	9 7	12 57	5 9	17 22	0 27	20 8	1 30	9 32	1 0	21 7	0 14	19 0	0 58	10 30	0 49	9 57	1 45	22 53	12 38	21 26	21 37	25 30	11 8	6 28
S 27	8 45	17 58	5 3	17 21	0 16	20 1	1 26	9 14	1 0	21 5	0 15	19 1	0 58	10 31	0 49	9 58	1 45	22 53	12 38	21 27	21 38	25 30	11 7	6 28
S 28	8 22	22 0	4 38	17 17	0 5	19 53	1 21	8 56	1 0	21 2	0 15	19 2	0 59	10 32	0 49	9 58	1 45	22 54	12 38	21 27	21 38	25 31	11 5	6 29
M29	8s 0	24s43	3s57	17s13	0s 6	19s45	1n17	8s38	0s59	21s 0	0s15	19n 4	0n59	10n33	0n49	9n59	1s45	22n55	12n38	21s27	21s39	25n31	11s 4	6n29

Julian Day Number = 2346385.5, Delta T = 11.18 sec
Ecliptic obliquity = 23°28'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'16, Lahiri = 19°50'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

MARCH 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 28	10♓34'22	17♐25	13♒19	26♑58	11♓ 5	27♑22	8°R38	4°R41	0♉24	0°R57	23°D20	22♑ 7	11♊29	11♒47	T 1
W 2	10 39 25	11°34'27	1♑32	14°19	28° 7	11°52	27°34	8♌34	4♍38	0°26	0♍55	23♑21	22° 4	11°35	11°52	W 2
T 3	10 43 21	12°34'30	15°36	15°21	29°16	12°39	27°46	8°30	4°36	0°27	0°54	23°22	22° 1	11°42	11°56	T 3
F 4	10 47 18	13°34'31	29°35	16°25	0♒26	13°26	27°58	8°27	4°33	0°29	0°52	23°R22	21°58	11°49	12° 0	F 4
S 5	10 51 14	14°34'31	13♒28	17°32	1°35	14°13	28°10	8°23	4°31	0°31	0°51	23°20	21°55	11°55	12° 4	S 5
S 6	10 55 11	15°34'29	27°13	18°41	2°44	15° 0	28°21	8°20	4°28	0°32	0°49	23°16	21°51	12° 2	12° 8	S 6
M 7	10 59 8	16°34'25	10♓46	19°52	3°54	15°48	28°33	8°16	4°26	0°34	0°48	23° 9	21°48	12° 9	12°12	M 7
T 8	11 3 4	17°34'19	24° 6	21° 5	5° 4	16°35	28°45	8°13	4°23	0°36	0°46	23° 1	21°45	12°15	12°16	T 8
W 9	11 7 1	18°34'11	7♈10	22°20	6°13	17°22	28°56	8°10	4°20	0°38	0°45	22°50	21°42	12°22	12°20	W 9
T 10	11 10 57	19°34'01	19°57	23°36	7°23	18° 9	29° 7	8° 7	4°18	0°39	0°43	22°40	21°39	12°29	12°25	T 10
F 11	11 14 54	20°33'49	2♉27	24°55	8°33	18°56	29°19	8° 4	4°15	0°41	0°42	22°30	21°36	12°36	12°28	F 11
S 12	11 18 50	21°33'34	14°42	26°15	9°43	19°43	29°30	8° 1	4°13	0°43	0°40	22°22	21°32	12°42	12°32	S 12
S 13	11 22 47	22°33'18	26°44	27°36	10°53	20°30	29°41	7°58	4°11	0°45	0°39	22°17	21°29	12°49	12°36	S 13
M14	11 26 43	23°32'59	8♊38	29° 0	12° 3	21°16	29°52	7°56	4° 8	0°47	0°38	22°13	21°26	12°56	12°40	M14
T 15	11 30 40	24°32'38	20°27	0♓24	13°14	22° 3	0♒ 3	7°53	4° 6	0°49	0°36	22°D12	21°23	13° 2	12°44	T 15
W16	11 34 37	25°32'15	2♋18	1°50	14°24	22°50	0°14	7°50	4° 3	0°50	0°35	22°12	21°20	13° 9	12°48	W16
T 17	11 38 33	26°31'49	14°15	3°18	15°34	23°37	0°24	7°48	4° 1	0°52	0°34	22°13	21°16	13°16	12°51	T 17
F 18	11 42 30	27°31'22	26°24	4°47	16°45	24°24	0°35	7°46	3°59	0°54	0°32	22°R13	21°13	13°22	12°55	F 18
S 19	11 46 26	28°30'51	8♌49	6°18	17°55	25°10	0°46	7°44	3°56	0°56	0°31	22°11	21°10	13°29	12°59	S 19
S 20	11 50 23	29°30'19	21°35	7°49	19° 6	25°57	0°56	7°41	3°54	0°58	0°30	22° 8	21° 7	13°36	13° 2	S 20
M21	11 54 19	0♈29'44	4♍44	9°23	20°16	26°44	1° 6	7°39	3°52	1° 0	0°28	22° 2	21° 4	13°42	13° 6	M21
T 22	11 58 16	1°29'07	18°16	10°57	21°27	27°31	1°16	7°38	3°49	1° 2	0°27	21°53	21° 1	13°49	13°10	T 22
W23	12 2 12	2°28'28	2♎11	12°33	22°38	28°17	1°27	7°36	3°47	1° 4	0°26	21°42	20°57	13°56	13°13	W23
T 24	12 6 9	3°27'47	16°23	14°11	23°48	29° 4	1°36	7°34	3°45	1° 6	0°24	21°31	20°54	14° 2	13°16	T 24
F 25	12 10 6	4°27'04	0♏47	15°49	24°59	29°50	1°46	7°32	3°43	1° 8	0°23	21°20	20°51	14° 9	13°20	F 25
S 26	12 14 2	5°26'19	15°16	17°29	26°10	0♈37	1°56	7°31	3°41	1°10	0°22	21°11	20°48	14°16	13°23	S 26
S 27	12 17 59	6°25'32	29°45	19°11	27°21	1°23	2° 6	7°29	3°39	1°13	0°21	21° 4	20°45	14°22	13°26	S 27
M28	12 21 55	7°24'44	14♐ 9	20°54	28°32	2°10	2°15	7°28	3°37	1°15	0°20	21° 0	20°42	14°29	13°30	M28
T 29	12 25 52	8°23'53	28°23	22°38	29°43	2°56	2°25	7°27	3°35	1°17	0°19	20°58	20°38	14°36	13°33	T 29
W30	12 29 48	9°23'01	12♑27	24°24	0♓54	3°42	2°34	7°26	3°33	1°19	0°17	20°D58	20°35	14°42	13°36	W30
T 31	12 33 45	10♈22'07	26♑19	26♓11	2♓ 5	4♈29	2♒43	7♌25	3♍31	1♉21	0♍16	20°R58	20♑32	14♊49	13♒39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s37	25s54	3s 2	17s 7	0s16	19s36	1n13	8s20	0s59	20s58	0s15	19n 5	0n59	10n34	0n49	10n 0	1s45	22n55	12n38	21s27	21s39	25n31	11s 3	6n29
W 2	7 14	25 23	1 55	16 59	0 26	19 27	1 8	8 2	0 59	20 56	0 15	19 6	0 59	10 35	0 49	10 0	1 45	22 56	12 38	21 27	21 40	25 31	11 1	6 29
T 3	6 51	23 15	0 42	16 50	0 36	19 17	1 4	7 43	0 58	20 53	0 15	19 7	0 59	10 36	0 49	10 1	1 45	22 56	12 38	21 27	21 41	25 32	11 0	6 29
F 4	6 28	19 44	0n33	16 39	0 45	19 7	1 0	7 25	0 58	20 51	0 15	19 8	0 59	10 37	0 49	10 1	1 45	22 57	12 38	21 27	21 41	25 32	10 59	6 30
S 5	6 5	15 7	1 46	16 27	0 54	18 56	0 56	7 6	0 58	20 49	0 15	19 8	0 59	10 37	0 49	10 2	1 45	22 57	12 38	21 27	21 42	25 32	10 57	6 30
S 6	5 42	9 46	2 52	16 14	1 2	18 45	0 51	6 48	0 58	20 47	0 16	19 9	0 59	10 38	0 49	10 3	1 45	22 58	12 38	21 28	21 42	25 32	10 56	6 30
M 7	5 18	4 3	3 46	15 59	1 10	18 33	0 47	6 29	0 57	20 44	0 16	19 10	0 59	10 39	0 49	10 3	1 45	22 58	12 38	21 29	21 43	25 33	10 55	6 30
T 8	4 55	1n45	4 27	15 43	1 18	18 20	0 43	6 11	0 57	20 42	0 16	19 11	0 59	10 40	0 49	10 4	1 45	22 59	12 38	21 31	21 43	25 33	10 54	6 30
W 9	4 32	7 21	4 54	15 26	1 25	18 7	0 39	5 52	0 57	20 40	0 16	19 12	0 59	10 41	0 49	10 5	1 45	22 59	12 38	21 32	21 44	25 33	10 52	6 31
T 10	4 8	12 30	5 5	15 7	1 31	17 54	0 34	5 33	0 56	20 38	0 16	19 13	0 59	10 42	0 49	10 5	1 44	23 0	12 38	21 34	21 44	25 33	10 51	6 31
F 11	3 45	17 2	5 0	14 46	1 38	17 40	0 30	5 15	0 56	20 36	0 16	19 14	0 59	10 43	0 48	10 6	1 44	23 0	12 38	21 36	21 45	25 34	10 50	6 31
S 12	3 21	20 46	4 42	14 25	1 44	17 25	0 26	4 56	0 55	20 33	0 16	19 14	0 59	10 44	0 48	10 7	1 44	23 1	12 38	21 37	21 45	25 34	10 48	6 31
S 13	2 58	23 32	4 12	14 2	1 49	17 10	0 22	4 37	0 55	20 31	0 16	19 15	0 59	10 45	0 48	10 7	1 44	23 1	12 38	21 38	21 46	25 34	10 47	6 32
M14	2 34	25 15	3 31	13 37	1 54	16 55	0 18	4 18	0 55	20 29	0 17	19 16	0 59	10 46	0 48	10 8	1 44	23 2	12 38	21 39	21 46	25 34	10 46	6 32
T 15	2 10	25 49	2 41	13 12	1 59	16 39	0 14	3 59	0 54	20 27	0 17	19 17	0 59	10 47	0 48	10 9	1 44	23 2	12 38	21 39	21 47	25 34	10 44	6 32
W16	1 47	25 12	1 44	12 45	2 3	16 23	0 10	3 40	0 54	20 25	0 17	19 17	0 59	10 47	0 48	10 9	1 44	23 3	12 37	21 39	21 47	25 34	10 43	6 32
T 17	1 23	23 25	0 42	12 17	2 7	16 6	0 6	3 22	0 54	20 22	0 17	19 18	0 59	10 48	0 48	10 10	1 44	23 3	12 37	21 39	21 48	25 35	10 42	6 33
F 18	0 59	20 33	0s22	11 47	2 10	15 48	0 2	3 3	0 53	20 20	0 17	19 18	0 59	10 49	0 48	10 11	1 44	23 3	12 37	21 39	21 48	25 35	10 41	6 33
S 19	0 36	16 41	1 27	11 16	2 13	15 30	0s 1	2 44	0 53	20 18	0 17	19 19	0 59	10 50	0 48	10 12	1 44	23 4	12 37	21 39	21 49	25 35	10 39	6 33
S 20	0 12	11 58	2 30	10 44	2 15	15 12	0 5	2 25	0 52	20 16	0 17	19 20	0 59	10 51	0 48	10 12	1 44	23 4	12 37	21 39	21 49	25 35	10 38	6 33
M21	0n12	6 36	3 26	10 11	2 17	14 53	0 9	2 6	0 52	20 14	0 18	19 20	0 59	10 52	0 48	10 13	1 44	23 4	12 37	21 40	21 50	25 35	10 37	6 34
T 22	0 35	0 47	4 12	9 37	2 19	14 34	0 12	1 47	0 52	20 12	0 18	19 21	0 59	10 52	0 48	10 14	1 44	23 5	12 37	21 42	21 50	25 35	10 36	6 34
W23	0 59	5s13	4 45	9 1	2 20	14 15	0 16	1 28	0 51	20 10	0 18	19 21	0 59	10 53	0 48	10 14	1 44	23 5	12 37	21 43	21 50	25 35	10 34	6 34
T 24	1 23	11 4	5 0	8 24	2 21	13 55	0 20	1 9	0 51	20 8	0 18	19 22	0 59	10 54	0 48	10 15	1 44	23 6	12 37	21 45	21 51	25 35	10 33	6 35
F 25	1 46	16 24	4 58	7 46	2 21	13 35	0 23	0 50	0 50	20 6	0 18	19 22	0 59	10 55	0 48	10 16	1 44	23 6	12 36	21 47	21 51	25 36	10 32	6 35
S 26	2 10	20 50	4 36	7 6	2 20	13 14	0 26	0 31	0 50	20 4	0 18	19 22	0 59	10 55	0 48	10 17	1 44	23 6	12 36	21 48	21 52	25 36	10 31	6 35
S 27	2 33	23 58	3 56	6 26	2 20	12 53	0 30	0 12	0 49	20 2	0 19	19 23	0 59	10 56	0 48	10 17	1 44	23 6	12 36	21 49	21 52	25 36	10 29	6 35
M28	2 57	25 33	3 2	5 44	2 18	12 31	0 33	0n 7	0 49	20 0	0 19	19 23	0 59	10 57	0 48	10 18	1 44	23 7	12 36	21 50	21 53	25 36	10 28	6 36
T 29	3 20	25 25	1 57	5 1	2 16	12 9	0 36	0 26	0 49	19 58	0 19	19 23	0 59	10 58	0 48	10 19	1 44	23 7	12 36	21 50	21 53	25 36	10 27	6 36
W30	3 43	23 38	0 45	4 17	2 14	11 47	0 39	0 44	0 48	19 56	0 19	19 24	0 59	10 58	0 48	10 20	1 44	23 7	12 36	21 50	21 54	25 36	10 26	6 36
T 31	4n 7	20s28	0n28	3s32	2s11	11s25	0s43	1n 3	0s48	19s54	0s19	19n24	0n59	10n59	0n48	10n20	1s44	23n 8	12n35	21s50	21s54	25n36	10s25	6n37

Julian Day Number = 2346414.5, Delta T = 11.17 sec
Ecliptic obliquity = 23°28'40, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'20, Lahiri = 19°50'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

APRIL 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 41	11♈21'12	10♒ 0	27♓59	3♓17	5♈15	2♒52	7°R24	3°R29	1♉23	0°R15	20°R57	20♑29	14♊56	13♒42	F 1
S 2	12 41 38	12°20'14	23°31	29°49	4°28	6° 1	3° 1	7♌23	3♍27	1°25	0♍14	20♑54	20°26	15° 2	13°45	S 2
S 3	12 45 35	13°19'15	6♓51	1♈41	5°39	6°48	3°10	7°23	3°25	1°27	0°13	20°48	20°22	15° 9	13°48	S 3
M 4	12 49 31	14°18'14	20° 1	3°34	6°50	7°34	3°19	7°22	3°23	1°30	0°12	20°39	20°19	15°16	13°51	M 4
T 5	12 53 28	15°17'11	2♈59	5°28	8° 2	8°20	3°27	7°22	3°21	1°32	0°11	20°27	20°16	15°22	13°54	T 5
W 6	12 57 24	16°16'06	15°45	7°24	9°13	9° 6	3°36	7°21	3°20	1°34	0°10	20°14	20°13	15°29	13°57	W 6
T 7	13 1 21	17°14'58	28°18	9°21	10°25	9°52	3°44	7°21	3°18	1°36	0° 9	20° 0	20°10	15°36	13°59	T 7
F 8	13 5 17	18°13'49	10♉39	11°20	11°36	10°38	3°52	7°D21	3°16	1°38	0° 8	19°47	20° 7	15°42	14° 2	F 8
S 9	13 9 14	19°12'38	22°48	13°20	12°48	11°24	4° 0	7°21	3°15	1°41	0° 7	19°36	20° 3	15°49	14° 5	S 9
S 10	13 13 10	20°11'25	4♊46	15°21	13°59	12°10	4° 8	7°21	3°13	1°43	0° 6	19°27	20° 0	15°56	14° 7	S 10
M11	13 17 7	21°10'09	16°38	17°24	15°11	12°56	4°16	7°21	3°12	1°45	0° 5	19°21	19°57	16° 2	14°10	M11
T 12	13 21 3	22° 8'52	28°25	19°27	16°22	13°42	4°23	7°22	3°10	1°47	0° 5	19°18	19°54	16° 9	14°12	T 12
W13	13 25 0	23° 7'32	10♋15	21°32	17°34	14°27	4°31	7°22	3° 9	1°50	0° 4	19°17	19°51	16°16	14°15	W13
T 14	13 28 57	24° 6'10	22°10	23°38	18°46	15°13	4°38	7°23	3° 8	1°52	0° 3	19°17	19°48	16°22	14°17	T 14
F 15	13 32 53	25° 4'45	4♌18	25°45	19°57	15°59	4°45	7°23	3° 6	1°54	0° 2	19°17	19°44	16°29	14°19	F 15
S 16	13 36 50	26° 3'19	16°42	27°52	21° 9	16°44	4°52	7°24	3° 5	1°56	0° 2	19°15	19°41	16°36	14°21	S 16
S 17	13 40 46	27° 1'50	29°29	29°59	22°21	17°30	4°59	7°25	3° 4	1°59	0° 1	19°12	19°38	16°42	14°24	S 17
M18	13 44 43	28° 0'19	12♍42	2♉ 8	23°33	18°16	5° 6	7°26	3° 3	2° 1	0° 0	19° 6	19°35	16°49	14°26	M18
T 19	13 48 39	28°58'46	26°22	4°16	24°44	19° 1	5°12	7°27	3° 1	2° 3	29♌59	18°58	19°32	16°56	14°28	T 19
W20	13 52 36	29°57'10	10♎29	6°23	25°56	19°47	5°19	7°28	3° 0	2° 5	29°59	18°47	19°28	17° 2	14°30	W20
T 21	13 56 32	0♉55'33	24°59	8°30	27° 8	20°32	5°25	7°30	2°59	2° 8	29°58	18°36	19°25	17° 9	14°32	T 21
F 22	14 0 29	1°53'54	9♏45	10°36	28°20	21°17	5°31	7°31	2°58	2°10	29°58	18°25	19°22	17°16	14°33	F 22
S 23	14 4 26	2°52'13	24°40	12°41	29°32	22° 3	5°37	7°33	2°57	2°12	29°57	18°16	19°19	17°22	14°35	S 23
S 24	14 8 22	3°50'31	9♐33	14°44	0♈44	22°48	5°43	7°34	2°57	2°14	29°57	18° 9	19°16	17°29	14°37	S 24
M25	14 12 19	4°48'47	24°18	16°45	1°56	23°33	5°49	7°36	2°56	2°17	29°56	18° 5	19°13	17°36	14°39	M25
T 26	14 16 15	5°47'02	8♑48	18°44	3° 8	24°18	5°54	7°38	2°55	2°19	29°56	18° 3	19° 9	17°42	14°40	T 26
W27	14 20 12	6°45'15	23° 1	20°41	4°20	25° 3	5°59	7°40	2°54	2°21	29°55	18°D 3	19° 6	17°49	14°42	W27
T 28	14 24 8	7°43'26	6♒55	22°35	5°32	25°49	6° 4	7°42	2°53	2°23	29°55	18°R 3	19° 3	17°56	14°43	T 28
F 29	14 28 5	8°41'36	20°31	24°26	6°44	26°34	6° 9	7°44	2°53	2°26	29°54	18° 3	19° 0	18° 2	14°45	F 29
S 30	14 32 1	9♉39'44	3♓50	26♉14	7♈56	27♈19	6♒14	7♌46	2♍52	2♉28	29♌54	18♑ 0	18♑57	18♊ 9	14♒46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n30	16s11	1n39	2s46	2s 8	11s 2	0s46	1n22	0s47	19s52	0s19	19n24	0n59	11n 0	0n48	10n21	1s44	23n 8	12n35	21s51	21s55	25n36	10s23	6n37
S 2	4 53	11 8	2 43	1 58	2 4	10 39	0 49	1 41	0 47	19 50	0 19	19 24	0 59	11 0	0 48	10 22	1 44	23 8	12 35	21 51	21 55	25 36	10 22	6 38
S 3	5 16	5 39	3 37	1 10	2 0	10 15	0 51	2 0	0 46	19 48	0 20	19 24	0 59	11 1	0 48	10 23	1 44	23 8	12 35	21 52	21 56	25 36	10 21	6 38
M 4	5 39	0n 0	4 19	0 21	1 55	9 51	0 54	2 18	0 46	19 46	0 20	19 25	0 59	11 2	0 48	10 23	1 44	23 8	12 35	21 53	21 56	25 36	10 20	6 38
T 5	6 2	5 34	4 46	0n30	1 50	9 27	0 57	2 37	0 45	19 44	0 20	19 25	0 59	11 2	0 48	10 24	1 44	23 9	12 34	21 55	21 57	25 36	10 19	6 39
W 6	6 24	10 48	4 59	1 21	1 44	9 3	1 0	2 56	0 45	19 42	0 20	19 25	0 59	11 3	0 48	10 25	1 44	23 9	12 34	21 57	21 57	25 36	10 18	6 39
T 7	6 47	15 30	4 57	2 13	1 38	8 38	1 2	3 14	0 44	19 41	0 20	19 25	0 59	11 3	0 48	10 26	1 44	23 9	12 34	21 59	21 58	25 36	10 17	6 39
F 8	7 10	19 29	4 41	3 6	1 31	8 13	1 5	3 33	0 44	19 39	0 20	19 25	0 59	11 4	0 48	10 26	1 44	23 9	12 34	22 1	21 58	25 36	10 15	6 40
S 9	7 32	22 33	4 12	3 59	1 24	7 48	1 7	3 51	0 43	19 37	0 21	19 25	0 59	11 4	0 48	10 27	1 44	23 9	12 34	22 3	21 59	25 36	10 14	6 40
S 10	7 54	24 36	3 32	4 53	1 16	7 23	1 10	4 10	0 43	19 35	0 21	19 25	0 59	11 5	0 48	10 28	1 44	23 9	12 33	22 4	21 59	25 36	10 13	6 40
M11	8 16	25 31	2 44	5 48	1 7	6 57	1 12	4 28	0 42	19 34	0 21	19 25	0 59	11 6	0 48	10 29	1 44	23 9	12 33	22 5	22 0	25 36	10 12	6 41
T 12	8 38	25 16	1 48	6 43	0 59	6 31	1 14	4 46	0 42	19 32	0 21	19 25	0 59	11 6	0 48	10 30	1 44	23 9	12 33	22 5	22 0	25 36	10 11	6 41
W13	9 0	23 52	0 48	7 39	0 50	6 5	1 16	5 5	0 41	19 31	0 21	19 24	0 59	11 6	0 48	10 30	1 44	23 10	12 33	22 5	22 0	25 36	10 10	6 42
T 14	9 22	21 24	0s15	8 34	0 40	5 39	1 18	5 23	0 41	19 29	0 21	19 24	0 59	11 7	0 48	10 31	1 44	23 10	12 32	22 5	22 1	25 36	10 9	6 42
F 15	9 43	17 57	1 19	9 30	0 30	5 13	1 20	5 41	0 40	19 27	0 22	19 24	0 59	11 7	0 48	10 32	1 44	23 10	12 32	22 5	22 1	25 36	10 8	6 42
S 16	10 5	13 38	2 20	10 25	0 20	4 46	1 22	5 59	0 40	19 26	0 22	19 24	0 59	11 8	0 48	10 33	1 44	23 10	12 32	22 6	22 2	25 36	10 7	6 43
S 17	10 26	8 37	3 16	11 20	0 10	4 20	1 24	6 17	0 39	19 24	0 22	19 24	0 59	11 8	0 48	10 33	1 44	23 10	12 32	22 6	22 2	25 36	10 6	6 43
M18	10 47	3 4	4 3	12 15	0n 1	3 53	1 26	6 35	0 39	19 23	0 22	19 23	0 59	11 9	0 48	10 34	1 44	23 10	12 32	22 7	22 3	25 36	10 5	6 44
T 19	11 8	2s49	4 38	13 9	0 12	3 26	1 28	6 52	0 38	19 22	0 22	19 23	0 59	11 9	0 48	10 35	1 44	23 10	12 31	22 8	22 3	25 36	10 4	6 44
W20	11 28	8 43	4 58	14 2	0 23	2 59	1 29	7 10	0 37	19 20	0 23	19 23	0 59	11 9	0 47	10 36	1 44	23 10	12 31	22 9	22 4	25 36	10 3	6 44
T 21	11 49	14 19	4 59	14 53	0 33	2 32	1 31	7 28	0 37	19 19	0 23	19 22	0 59	11 10	0 47	10 37	1 44	23 10	12 31	22 11	22 4	25 36	10 2	6 45
F 22	12 9	19 12	4 41	15 43	0 44	2 4	1 32	7 45	0 36	19 17	0 23	19 22	0 59	11 10	0 47	10 37	1 44	23 10	12 30	22 12	22 5	25 36	10 1	6 45
S 23	12 29	22 54	4 3	16 32	0 55	1 37	1 33	8 3	0 36	19 16	0 23	19 22	0 59	11 10	0 47	10 38	1 44	23 10	12 30	22 14	22 5	25 36	10 0	6 46
S 24	12 49	25 2	3 9	17 19	1 5	1 9	1 35	8 20	0 35	19 15	0 23	19 21	0 59	11 11	0 47	10 39	1 44	23 10	12 30	22 15	22 5	25 35	10 0	6 46
M25	13 9	25 24	2 2	18 4	1 15	0 42	1 36	8 37	0 35	19 14	0 23	19 21	0 59	11 11	0 47	10 40	1 44	23 10	12 30	22 15	22 6	25 35	9 59	6 46
T 26	13 28	24 0	0 49	18 47	1 25	0 14	1 37	8 55	0 34	19 13	0 24	19 20	0 59	11 11	0 47	10 40	1 44	23 9	12 29	22 16	22 6	25 35	9 58	6 47
W27	13 47	21 5	0n26	19 28	1 34	0n13	1 38	9 12	0 34	19 11	0 24	19 20	0 59	11 11	0 47	10 41	1 44	23 9	12 29	22 16	22 7	25 35	9 57	6 47
T 28	14 7	16 59	1 39	20 6	1 42	0 41	1 39	9 29	0 33	19 10	0 24	19 19	0 59	11 12	0 47	10 42	1 44	23 9	12 29	22 15	22 7	25 35	9 56	6 48
F 29	14 25	12 5	2 43	20 42	1 50	1 9	1 40	9 45	0 32	19 9	0 24	19 19	0 59	11 12	0 47	10 43	1 44	23 9	12 29	22 16	22 8	25 35	9 55	6 48
S 30	14n44	6s44	3n38	21n15	1n58	1n37	1s41	10n 2	0s32	19s 8	0s24	19n18	0n59	11n12	0n47	10n44	1s44	23n 9	12n28	22s16	22s 8	25n35	9s55	6n49

Julian Day Number = 2346445.5, Delta T = 11.15 sec
Ecliptic obliquity = 23°28'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'24, Lahiri = 19°50'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

MAY 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 58	10♉37'51	16♓54	27♉59	9♈ 8	28♈ 4	6♒19	7♌49	2°R52	2♉30	29°R54	17°R55	18♑53	18♊16	14♒47	S 1
M 2	14 39 55	11°35'57	29°45	29°41	10°20	28°48	6°23	7°51	2♍51	2°32	29♌54	17♑48	18°50	18°22	14°48	M 2
T 3	14 43 51	12°34'01	12♈24	1♊19	11°32	29°33	6°28	7°54	2°51	2°35	29°53	17°38	18°47	18°29	14°50	T 3
W 4	14 47 48	13°32'04	24°52	2°53	12°44	0♉18	6°32	7°56	2°50	2°37	29°53	17°27	18°44	18°36	14°51	W 4
T 5	14 51 44	14°30'05	7♉10	4°24	13°57	1° 3	6°36	7°59	2°50	2°39	29°53	17°15	18°41	18°42	14°52	T 5
F 6	14 55 41	15°28'04	19°19	5°50	15° 9	1°47	6°39	8° 2	2°50	2°41	29°53	17° 4	18°38	18°49	14°53	F 6
S 7	14 59 37	16°26'02	1♊19	7°13	16°21	2°32	6°43	8° 5	2°50	2°44	29°53	16°55	18°34	18°56	14°54	S 7
S 8	15 3 34	17°23'58	13°12	8°32	17°33	3°17	6°46	8° 8	2°50	2°46	29°52	16°47	18°31	19° 2	14°54	S 8
M 9	15 7 30	18°21'53	25° 0	9°48	18°45	4° 1	6°50	8°11	2°49	2°48	29°52	16°42	18°28	19° 9	14°55	M 9
T 10	15 11 27	19°19'46	6♋47	10°59	19°58	4°46	6°53	8°14	2°D49	2°50	29°52	16°40	18°25	19°16	14°56	T 10
W11	15 15 24	20°17'38	18°36	12° 6	21°10	5°30	6°56	8°17	2°49	2°52	29°D52	16°D39	18°22	19°22	14°56	W11
T 12	15 19 20	21°15'27	0♌31	13° 8	22°22	6°14	6°58	8°21	2°49	2°54	29°52	16°40	18°19	19°29	14°57	T 12
F 13	15 23 17	22°13'15	12°38	14° 7	23°35	6°59	7° 1	8°24	2°50	2°57	29°52	16°41	18°15	19°36	14°57	F 13
S 14	15 27 13	23°11'01	25° 1	15° 1	24°47	7°43	7° 3	8°28	2°50	2°59	29°52	16°R41	18°12	19°42	14°58	S 14
S 15	15 31 10	24° 8'46	7♍45	15°51	25°59	8°27	7° 5	8°32	2°50	3° 1	29°52	16°40	18° 9	19°49	14°58	S 15
M16	15 35 6	25° 6'28	20°55	16°37	27°12	9°11	7° 7	8°35	2°50	3° 3	29°53	16°37	18° 6	19°56	14°59	M16
T 17	15 39 3	26° 4'10	4♎33	17°18	28°24	9°55	7° 9	8°39	2°51	3° 5	29°53	16°33	18° 3	20° 2	14°59	T 17
W18	15 42 59	27° 1'49	18°40	17°54	29°36	10°39	7°10	8°43	2°51	3° 7	29°53	16°26	17°59	20° 9	14°59	W18
T 19	15 46 56	27°59'27	3♏14	18°26	0♉49	11°23	7°12	8°47	2°51	3° 9	29°53	16°19	17°56	20°16	14°59	T 19
F 20	15 50 53	28°57'04	18° 9	18°53	2° 1	12° 7	7°13	8°51	2°52	3°11	29°53	16°12	17°53	20°22	14°R59	F 20
S 21	15 54 49	29°54'40	3♐17	19°16	3°13	12°51	7°14	8°56	2°52	3°14	29°54	16° 6	17°50	20°29	14°59	S 21
S 22	15 58 46	0♊52'14	18°27	19°33	4°26	13°35	7°15	9° 0	2°53	3°16	29°54	16° 1	17°47	20°36	14°59	S 22
M23	16 2 42	1°49'48	3♑31	19°46	5°38	14°19	7°15	9° 4	2°54	3°18	29°54	15°59	17°44	20°42	14°59	M23
T 24	16 6 39	2°47'20	18°19	19°55	6°51	15° 2	7°16	9° 9	2°54	3°20	29°55	15°D58	17°40	20°49	14°58	T 24
W25	16 10 35	3°44'51	2♒47	19°R58	8° 3	15°46	7°16	9°13	2°55	3°22	29°55	15°59	17°37	20°56	14°58	W25
T 26	16 14 32	4°42'22	16°52	19°57	9°16	16°30	7°R16	9°18	2°56	3°24	29°56	16° 0	17°34	21° 2	14°58	T 26
F 27	16 18 28	5°39'52	0♓33	19°52	10°28	17°13	7°16	9°22	2°57	3°26	29°56	16°R 1	17°31	21° 9	14°57	F 27
S 28	16 22 25	6°37'20	13°51	19°42	11°41	17°57	7°16	9°27	2°58	3°28	29°56	16° 1	17°28	21°16	14°57	S 28
S 29	16 26 22	7°34'48	26°49	19°28	12°54	18°40	7°15	9°32	2°59	3°30	29°57	15°59	17°25	21°22	14°56	S 29
M30	16 30 18	8°32'16	9♈31	19°10	14° 6	19°24	7°15	9°37	3° 0	3°32	29°58	15°56	17°21	21°29	14°56	M30
T 31	16 34 15	9♊29'42	21♈57	18♊49	15♉19	20♉ 7	7♒14	9♌42	3♍ 1	3♉33	29♌58	15♑51	17♑18	21♊36	14♒55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	1s11	4n20	21n46	2n 5	2n 4	1s41	10n19	0s31	19s 7	0s25	19n17	0n59	11n12	0n47	10n44	1s44	23n 9	12n28	22s17	22s 9	25n34	9s54	6n49
M 2	15 20	4n18	4 48	22 14	2 11	2 32	1 42	10 35	0 31	19 6	0 25	19 17	0 59	11 12	0 47	10 45	1 44	23 9	12 28	22 18	22 9	25 34	9 53	6 49
T 3	15 38	9 32	5 2	22 40	2 16	3 0	1 42	10 52	0 30	19 5	0 25	19 16	0 59	11 12	0 47	10 46	1 44	23 9	12 27	22 19	22 10	25 34	9 52	6 50
W 4	15 56	14 18	5 0	23 4	2 20	3 28	1 43	11 8	0 29	19 5	0 25	19 15	0 58	11 12	0 47	10 47	1 44	23 8	12 27	22 20	22 10	25 34	9 52	6 50
T 5	16 13	18 25	4 45	23 25	2 24	3 55	1 43	11 24	0 29	19 4	0 25	19 15	0 58	11 12	0 47	10 47	1 44	23 8	12 27	22 22	22 10	25 34	9 51	6 51
F 6	16 30	21 42	4 17	23 43	2 26	4 23	1 44	11 40	0 28	19 3	0 26	19 14	0 58	11 13	0 47	10 48	1 44	23 8	12 27	22 23	22 11	25 34	9 50	6 51
S 7	16 47	24 0	3 38	23 59	2 28	4 51	1 44	11 56	0 28	19 2	0 26	19 13	0 58	11 13	0 47	10 49	1 44	23 8	12 26	22 24	22 11	25 33	9 50	6 52
S 8	17 3	25 13	2 49	24 13	2 29	5 18	1 44	12 12	0 27	19 2	0 26	19 12	0 58	11 13	0 47	10 50	1 44	23 7	12 26	22 25	22 12	25 33	9 49	6 52
M 9	17 19	25 16	1 53	24 25	2 29	5 45	1 44	12 28	0 26	19 1	0 26	19 11	0 58	11 13	0 47	10 50	1 44	23 7	12 26	22 26	22 12	25 33	9 48	6 53
T 10	17 35	24 11	0 53	24 34	2 28	6 13	1 44	12 43	0 26	19 1	0 26	19 11	0 58	11 13	0 47	10 51	1 44	23 7	12 25	22 26	22 13	25 33	9 48	6 53
W11	17 51	22 1	0s10	24 42	2 27	6 40	1 44	12 59	0 25	19 0	0 27	19 10	0 58	11 13	0 47	10 52	1 44	23 7	12 25	22 26	22 13	25 33	9 47	6 53
T 12	18 6	18 52	1 14	24 47	2 24	7 7	1 44	13 14	0 25	19 0	0 27	19 9	0 58	11 12	0 47	10 52	1 44	23 6	12 25	22 26	22 13	25 32	9 46	6 54
F 13	18 21	14 53	2 15	24 51	2 20	7 34	1 43	13 29	0 24	18 59	0 27	19 8	0 58	11 12	0 47	10 53	1 44	23 6	12 24	22 26	22 14	25 32	9 46	6 54
S 14	18 36	10 12	3 11	24 53	2 15	8 1	1 43	13 44	0 23	18 59	0 27	19 7	0 58	11 12	0 47	10 54	1 44	23 6	12 24	22 26	22 14	25 32	9 45	6 55
S 15	18 50	4 58	4 0	24 52	2 10	8 27	1 43	13 59	0 23	18 58	0 27	19 6	0 58	11 12	0 46	10 55	1 44	23 5	12 24	22 26	22 15	25 32	9 45	6 55
M16	19 4	0s39	4 38	24 51	2 3	8 54	1 42	14 14	0 22	18 58	0 28	19 5	0 58	11 12	0 46	10 55	1 44	23 5	12 24	22 26	22 15	25 31	9 44	6 56
T 17	19 18	6 25	5 1	24 47	1 55	9 20	1 42	14 28	0 22	18 58	0 28	19 4	0 58	11 12	0 46	10 56	1 44	23 5	12 23	22 27	22 16	25 31	9 44	6 56
W18	19 32	12 4	5 7	24 42	1 47	9 46	1 41	14 43	0 21	18 58	0 28	19 3	0 58	11 12	0 46	10 57	1 44	23 4	12 23	22 28	22 16	25 31	9 43	6 56
T 19	19 45	17 13	4 55	24 35	1 37	10 12	1 40	14 57	0 20	18 57	0 28	19 2	0 58	11 12	0 46	10 57	1 44	23 4	12 23	22 29	22 16	25 30	9 43	6 57
F 20	19 57	21 27	4 22	24 27	1 27	10 38	1 40	15 11	0 20	18 57	0 28	19 1	0 58	11 11	0 46	10 58	1 44	23 4	12 22	22 30	22 17	25 30	9 43	6 57
S 21	20 10	24 17	3 30	24 18	1 16	11 4	1 39	15 25	0 19	18 57	0 29	18 59	0 58	11 11	0 46	10 59	1 44	23 3	12 22	22 30	22 17	25 30	9 42	6 58
S 22	20 22	25 21	2 23	24 7	1 3	11 29	1 38	15 39	0 18	18 57	0 29	18 58	0 58	11 11	0 46	10 59	1 44	23 3	12 22	22 31	22 18	25 30	9 42	6 58
M23	20 34	24 33	1 7	23 55	0 50	11 54	1 37	15 53	0 18	18 57	0 29	18 57	0 58	11 11	0 46	11 0	1 44	23 3	12 21	22 31	22 18	25 29	9 41	6 59
T 24	20 45	22 1	0n13	23 42	0 36	12 19	1 36	16 6	0 17	18 57	0 29	18 56	0 58	11 10	0 46	11 1	1 44	23 2	12 21	22 31	22 18	25 29	9 41	6 59
W25	20 56	18 6	1 30	23 27	0 22	12 43	1 35	16 19	0 16	18 58	0 30	18 55	0 58	11 10	0 46	11 1	1 44	23 2	12 21	22 31	22 19	25 29	9 41	7 0
T 26	21 7	13 16	2 40	23 12	0 6	13 7	1 34	16 33	0 16	18 58	0 30	18 54	0 58	11 10	0 46	11 2	1 44	23 1	12 21	22 31	22 19	25 28	9 40	7 0
F 27	21 17	7 54	3 38	22 56	0s10	13 31	1 33	16 46	0 15	18 58	0 30	18 52	0 58	11 9	0 46	11 3	1 44	23 1	12 20	22 31	22 20	25 28	9 40	7 0
S 28	21 27	2 18	4 23	22 38	0 26	13 55	1 31	16 58	0 14	18 58	0 30	18 51	0 58	11 9	0 46	11 3	1 44	23 0	12 20	22 31	22 20	25 28	9 40	7 1
S 29	21 37	3n14	4 54	22 21	0 43	14 18	1 30	17 11	0 14	18 59	0 30	18 50	0 58	11 8	0 46	11 4	1 44	23 0	12 20	22 31	22 21	25 27	9 40	7 1
M30	21 46	8 30	5 9	22 2	1 0	14 41	1 29	17 24	0 13	18 59	0 31	18 48	0 58	11 8	0 46	11 5	1 44	22 59	12 19	22 31	22 21	25 27	9 39	7 2
T 31	21n55	13n20	5n 9	21n43	1s18	15n 4	1s27	17n36	0s13	19s 0	0s31	18n47	0n58	11n 8	0n46	11n 5	1s44	22n59	12n19	22s32	22s21	25n27	9s39	7n 2

Julian Day Number = 2346475.5, Delta T = 11.14 sec
Ecliptic obliquity = 23°28'39, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'28, Lahiri = 19°50'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

JUNE 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 38 11	10♊27'08	4♉12	18°R25	16♉31	20♉50	7°R13	9♌47	3♍ 2	3♉35	29♌59	15°R45	17♂15	21♊42	14°R54	W 1
T 2	16 42 8	11°24'34	16°18	17♊57	17°44	21°33	7♒11	9°52	3° 3	3°37	29°59	15♂39	17°12	21°49	14♒53	T 2
F 3	16 46 4	12°21'58	28°16	17°28	18°57	22°17	7°10	9°57	3° 4	3°39	29°59	15°33	17° 9	21°56	14°52	F 3
S 4	16 50 1	13°19'22	10♊ 8	16°56	20° 9	23° 0	7° 8	10° 3	3° 6	3°41	0♍ 1	15°28	17° 5	22° 2	14°51	S 4
S 5	16 53 57	14°16'45	21°57	16°23	21°22	23°43	7° 6	10° 8	3° 7	3°43	0° 1	15°25	17° 2	22° 9	14°50	S 5
M 6	16 57 54	15°14'07	3♋45	15°50	22°35	24°26	7° 4	10°13	3° 8	3°45	0° 2	15°23	16°59	22°16	14°49	M 6
T 7	17 1 51	16°11'28	15°33	15°16	23°47	25° 9	7° 2	10°19	3°10	3°46	0° 3	15°D22	16°56	22°22	14°48	T 7
W 8	17 5 47	17° 8'49	27°24	14°43	25° 0	25°52	7° 0	10°25	3°11	3°48	0° 4	15°23	16°53	22°29	14°47	W 8
T 9	17 9 44	18° 6'08	9♌23	14°11	26°13	26°34	6°57	10°30	3°13	3°50	0° 5	15°24	16°50	22°36	14°46	T 9
F 10	17 13 40	19° 3'27	21°32	13°40	27°26	27°17	6°54	10°36	3°14	3°52	0° 5	15°26	16°46	22°42	14°44	F 10
S 11	17 17 37	20° 0'44	3♍57	13°12	28°38	28° 0	6°51	10°42	3°16	3°53	0° 6	15°27	16°43	22°49	14°43	S 11
S 12	17 21 33	20°58'01	16°40	12°45	29°51	28°42	6°48	10°47	3°18	3°55	0° 7	15°R28	16°40	22°55	14°41	S 12
M13	17 25 30	21°55'17	29°46	12°22	1♊ 4	29°25	6°45	10°53	3°19	3°57	0° 8	15°28	16°37	23° 2	14°40	M13
T 14	17 29 27	22°52'32	13♎18	12° 3	2°17	0♊ 8	6°41	10°59	3°21	3°58	0° 9	15°27	16°34	23° 9	14°38	T 14
W15	17 33 23	23°49'47	27°17	11°46	3°30	0°50	6°38	11° 5	3°23	4° 0	0°10	15°25	16°31	23°15	14°37	W15
T 16	17 37 20	24°47'00	11♏43	11°34	4°43	1°32	6°34	11°11	3°25	4° 2	0°11	15°22	16°27	23°22	14°35	T 16
F 17	17 41 16	25°44'13	26°31	11°26	5°55	2°15	6°30	11°17	3°27	4° 3	0°12	15°20	16°24	23°29	14°33	F 17
S 18	17 45 13	26°41'26	11♐36	11°D23	7° 8	2°57	6°26	11°24	3°29	4° 5	0°13	15°17	16°21	23°35	14°32	S 18
S 19	17 49 9	27°38'38	26°49	11°24	8°21	3°39	6°21	11°30	3°31	4° 6	0°14	15°16	16°18	23°42	14°30	S 19
M20	17 53 6	28°35'50	12♑ 0	11°30	9°34	4°22	6°17	11°36	3°33	4° 8	0°15	15°D15	16°15	23°49	14°28	M20
T 21	17 57 2	29°33'01	27° 0	11°40	10°47	5° 4	6°12	11°42	3°35	4° 9	0°17	15°16	16°11	23°55	14°26	T 21
W22	18 0 59	0♋30'12	11♒40	11°56	12° 0	5°46	6° 7	11°49	3°37	4°11	0°18	15°16	16° 8	24° 2	14°24	W22
T 23	18 4 56	1°27'23	25°57	12°16	13°13	6°28	6° 2	11°55	3°39	4°12	0°19	15°17	16° 5	24° 9	14°22	T 23
F 24	18 8 52	2°24'35	9♓48	12°41	14°26	7°10	5°57	12° 2	3°41	4°13	0°20	15°18	16° 2	24°15	14°20	F 24
S 25	18 12 49	3°21'46	23°12	13°10	15°39	7°52	5°52	12° 8	3°43	4°15	0°21	15°19	15°59	24°22	14°17	S 25
S 26	18 16 45	4°18'57	6♈13	13°45	16°52	8°34	5°46	12°15	3°46	4°16	0°23	15°R19	15°56	24°29	14°15	S 26
M27	18 20 42	5°16'09	18°52	14°24	18° 5	9°15	5°41	12°22	3°48	4°17	0°24	15°19	15°52	24°35	14°13	M27
T 28	18 24 38	6°13'20	1♉14	15° 7	19°18	9°57	5°35	12°28	3°50	4°19	0°25	15°18	15°49	24°42	14°11	T 28
W29	18 28 35	7°10'32	13°22	15°55	20°32	10°39	5°29	12°35	3°53	4°20	0°27	15°17	15°46	24°49	14° 8	W29
T 30	18 32 31	8♋ 7'44	25♉20	16♊48	21♊45	11♊20	5♒23	12♌42	3♍55	4♉21	0♍28	15♂16	15♂43	24♊55	14♒ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 3	17n34	4n55	21n24	1s35	15n26	1s26	17n48	0s12	19s 0	0s31	18n46	0n58	11n 7	0n46	11n 6	1s44	22n58	12n19	22s33	22s22	25n26	9s39	7n 2
T 2	22 11	21 1	4 28	21 4	1 52	15 48	1 24	18 0	0 11	19 1	0 31	18 44	0 58	11 7	0 46	11 6	1 44	22 58	12 18	22 33	22 22	25 26	9 39	7 3
F 3	22 19	23 32	3 49	20 45	2 9	16 10	1 22	18 12	0 11	19 1	0 32	18 43	0 58	11 6	0 46	11 7	1 44	22 57	12 18	22 34	22 23	25 25	9 39	7 3
S 4	22 26	24 59	3 1	20 25	2 25	16 31	1 21	18 23	0 10	19 2	0 32	18 41	0 58	11 6	0 46	11 8	1 44	22 57	12 18	22 35	22 23	25 25	9 39	7 4
S 5	22 33	25 19	2 5	20 6	2 41	16 52	1 19	18 35	0 9	19 2	0 32	18 40	0 58	11 5	0 46	11 8	1 44	22 56	12 18	22 35	22 23	25 25	9 38	7 4
M 6	22 39	24 29	1 3	19 48	2 56	17 12	1 17	18 46	0 9	19 3	0 32	18 39	0 58	11 5	0 46	11 9	1 45	22 56	12 17	22 35	22 24	25 24	9 38	7 4
T 7	22 46	22 33	0s 1	19 30	3 11	17 32	1 16	18 57	0 8	19 4	0 32	18 37	0 58	11 4	0 46	11 9	1 45	22 55	12 17	22 35	22 24	25 24	9 38	7 5
W 8	22 51	19 38	1 6	19 13	3 24	17 51	1 14	19 8	0 7	19 5	0 33	18 36	0 58	11 4	0 46	11 10	1 45	22 55	12 17	22 35	22 25	25 23	9 38	7 5
T 9	22 57	15 52	2 8	18 58	3 36	18 10	1 12	19 19	0 7	19 6	0 33	18 34	0 58	11 3	0 45	11 10	1 45	22 54	12 16	22 35	22 25	25 23	9 38	7 6
F 10	23 2	11 24	3 6	18 43	3 47	18 29	1 10	19 29	0 6	19 7	0 33	18 32	0 58	11 2	0 45	11 11	1 45	22 54	12 16	22 35	22 25	25 23	9 38	7 6
S 11	23 6	6 24	3 56	18 30	3 57	18 47	1 8	19 40	0 5	19 8	0 33	18 31	0 58	11 2	0 45	11 12	1 45	22 53	12 16	22 35	22 26	25 22	9 38	7 6
S 12	23 10	1 2	4 36	18 19	4 5	19 5	1 6	19 50	0 5	19 9	0 33	18 29	0 58	11 1	0 45	11 12	1 45	22 52	12 16	22 35	22 26	25 22	9 38	7 7
M13	23 14	4s33	5 4	18 9	4 12	19 22	1 4	20 0	0 4	19 10	0 34	18 28	0 58	11 0	0 45	11 13	1 45	22 52	12 15	22 35	22 27	25 21	9 38	7 7
T 14	23 17	10 5	5 15	18 1	4 17	19 39	1 2	20 9	0 3	19 11	0 34	18 26	0 58	11 0	0 45	11 13	1 45	22 51	12 15	22 35	22 27	25 21	9 39	7 8
W15	23 20	15 19	5 9	17 55	4 21	19 55	1 0	20 19	0 3	19 12	0 34	18 24	0 58	10 59	0 45	11 14	1 45	22 51	12 15	22 35	22 27	25 20	9 39	7 8
T 16	23 22	19 51	4 43	17 51	4 24	20 10	0 57	20 28	0 2	19 13	0 34	18 23	0 58	10 58	0 45	11 14	1 45	22 50	12 15	22 35	22 28	25 20	9 39	7 8
F 17	23 24	23 15	3 58	17 48	4 26	20 25	0 55	20 37	0 1	19 14	0 35	18 21	0 58	10 58	0 45	11 15	1 45	22 49	12 14	22 36	22 28	25 19	9 39	7 9
S 18	23 26	25 6	2 55	17 48	4 26	20 40	0 53	20 46	0 1	19 15	0 35	18 19	0 58	10 57	0 45	11 15	1 45	22 49	12 14	22 36	22 28	25 19	9 39	7 9
S 19	23 27	25 7	1 40	17 49	4 25	20 54	0 51	20 55	0n 0	19 17	0 35	18 18	0 58	10 56	0 45	11 15	1 45	22 48	12 14	22 36	22 29	25 18	9 39	7 9
M20	23 28	23 14	0 18	17 52	4 22	21 7	0 48	21 4	0 1	19 18	0 35	18 16	0 58	10 55	0 45	11 16	1 45	22 48	12 13	22 36	22 29	25 18	9 40	7 10
T 21	23 29	19 44	1n 5	17 57	4 19	21 20	0 46	21 12	0 1	19 19	0 35	18 14	0 58	10 55	0 45	11 16	1 45	22 47	12 13	22 36	22 30	25 17	9 40	7 10
W22	23 29	15 3	2 21	18 3	4 14	21 33	0 44	21 20	0 2	19 21	0 36	18 12	0 58	10 54	0 45	11 17	1 45	22 46	12 13	22 36	22 30	25 17	9 40	7 10
T 23	23 28	9 38	3 27	18 11	4 9	21 44	0 41	21 28	0 3	19 22	0 36	18 11	0 58	10 53	0 45	11 17	1 45	22 46	12 13	22 36	22 30	25 16	9 40	7 11
F 24	23 27	3 55	4 18	18 21	4 2	21 55	0 39	21 36	0 4	19 24	0 36	18 9	0 58	10 52	0 45	11 18	1 45	22 45	12 13	22 36	22 31	25 16	9 41	7 11
S 25	23 26	1n48	4 54	18 32	3 55	22 6	0 37	21 43	0 4	19 25	0 36	18 7	0 58	10 51	0 45	11 18	1 45	22 44	12 12	22 36	22 31	25 15	9 41	7 11
S 26	23 24	7 16	5 13	18 44	3 47	22 16	0 34	21 51	0 5	19 27	0 36	18 5	0 58	10 50	0 45	11 18	1 45	22 44	12 12	22 36	22 32	25 15	9 41	7 12
M27	23 22	12 17	5 16	18 57	3 38	22 25	0 32	21 58	0 6	19 28	0 37	18 3	0 58	10 50	0 45	11 19	1 45	22 43	12 12	22 36	22 32	25 14	9 42	7 12
T 28	23 20	16 41	5 5	19 12	3 28	22 34	0 29	22 5	0 6	19 30	0 37	18 1	0 58	10 49	0 45	11 19	1 46	22 42	12 12	22 36	22 32	25 14	9 42	7 12
W29	23 17	20 19	4 40	19 27	3 18	22 41	0 27	22 12	0 7	19 32	0 37	18 0	0 58	10 48	0 45	11 20	1 46	22 41	12 11	22 36	22 33	25 13	9 42	7 12
T 30	23n14	23n 3	4n 3	19n43	3s 7	22n49	0s24	22n18	0n 8	19s33	0s37	17n58	0n58	10n47	0n45	11n20	1s46	22n41	12n11	22s36	22s33	25n13	9s43	7n13

Julian Day Number = 2346506.5, Delta T = 11.13 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'32, Lahiri = 19°50'33Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1712
geocentric

JULY 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 28	9♋ 4'57	7♊12	17♊45	22♊58	12♊ 2	5°R17	12♌48	3♍58	4♉22	0♍29	15°R15	15♑40	25♊ 2	14°R 4	F 1
S 2	18 40 25	10° 2'09	19° 0	18°47	24°11	12°43	5♒11	12°55	4° 0	4°24	0°31	15♑15	15°37	25° 9	14♒ 1	S 2
S 3	18 44 21	10°59'22	0♋48	19°53	25°24	13°25	5° 5	13° 2	4° 3	4°25	0°32	15°14	15°33	25°15	13°59	S 3
M 4	18 48 18	11°56'35	12°37	21° 3	26°38	14° 6	4°58	13° 9	4° 6	4°26	0°34	15°D14	15°30	25°22	13°56	M 4
T 5	18 52 14	12°53'48	24°30	22°17	27°51	14°48	4°52	13°16	4° 8	4°27	0°35	15°14	15°27	25°29	13°53	T 5
W 6	18 56 11	13°51'01	6♌30	23°36	29° 4	15°29	4°45	13°23	4°11	4°28	0°36	15°14	15°24	25°35	13°51	W 6
T 7	19 0 7	14°48'14	18°37	24°58	0♋17	16°10	4°38	13°30	4°14	4°29	0°38	15°R14	15°21	25°42	13°48	T 7
F 8	19 4 4	15°45'27	0♍56	26°25	1°31	16°51	4°31	13°37	4°16	4°30	0°39	15°14	15°17	25°49	13°45	F 8
S 9	19 8 0	16°42'40	13°28	27°56	2°44	17°33	4°24	13°44	4°19	4°31	0°41	15°14	15°14	25°55	13°43	S 9
S 10	19 11 57	17°39'53	26°16	29°30	3°57	18°14	4°17	13°52	4°22	4°32	0°43	15°14	15°11	26° 2	13°40	S 10
M11	19 15 54	18°37'06	9♎23	1♋ 8	5°11	18°55	4°10	13°59	4°25	4°33	0°44	15°14	15° 8	26° 9	13°37	M11
T 12	19 19 50	19°34'20	22°51	2°50	6°24	19°36	4° 3	14° 6	4°28	4°34	0°46	15°D14	15° 5	26°15	13°34	T 12
W13	19 23 47	20°31'33	6♏41	4°35	7°38	20°16	3°55	14°13	4°31	4°35	0°47	15°14	15° 2	26°22	13°31	W13
T 14	19 27 43	21°28'47	20°53	6°24	8°51	20°57	3°48	14°21	4°34	4°35	0°49	15°14	14°58	26°28	13°28	T 14
F 15	19 31 40	22°26'01	5♐26	8°15	10° 5	21°38	3°41	14°28	4°37	4°36	0°51	15°15	14°55	26°35	13°25	F 15
S 16	19 35 36	23°23'15	20°16	10° 9	11°18	22°19	3°33	14°35	4°40	4°37	0°52	15°16	14°52	26°42	13°22	S 16
S 17	19 39 33	24°20'30	5♑16	12° 6	12°32	22°59	3°25	14°43	4°43	4°38	0°54	15°16	14°49	26°48	13°19	S 17
M18	19 43 30	25°17'45	20°19	14° 6	13°45	23°40	3°18	14°50	4°46	4°38	0°56	15°R16	14°46	26°55	13°16	M18
T 19	19 47 26	26°15'00	5♒16	16° 7	14°59	24°20	3°10	14°57	4°49	4°39	0°57	15°16	14°43	27° 2	13°13	T 19
W20	19 51 23	27°12'16	19°59	18°10	16°12	25° 1	3° 3	15° 5	4°52	4°40	0°59	15°15	14°39	27° 8	13°10	W20
T 21	19 55 19	28° 9'33	4♓21	20°14	17°26	25°41	2°55	15°12	4°55	4°40	1° 1	15°13	14°36	27°15	13° 7	T 21
F 22	19 59 16	29° 6'51	18°19	22°20	18°40	26°22	2°47	15°20	4°59	4°41	1° 3	15°12	14°33	27°22	13° 4	F 22
S 23	20 3 12	0♈ 4'09	1♈51	24°26	19°53	27° 2	2°39	15°27	5° 2	4°41	1° 4	15°10	14°30	27°28	13° 1	S 23
S 24	20 7 9	1° 1'29	14°56	26°32	21° 7	27°42	2°32	15°35	5° 5	4°42	1° 6	15° 9	14°27	27°35	12°58	S 24
M25	20 11 5	1°58'50	27°38	28°39	22°21	28°22	2°24	15°42	5° 8	4°42	1° 8	15°D 8	14°23	27°42	12°55	M25
T 26	20 15 2	2°56'11	10♉ 0	0♌45	23°34	29° 3	2°16	15°50	5°12	4°43	1°10	15° 8	14°20	27°48	12°51	T 26
W27	20 18 58	3°53'34	22° 6	2°51	24°48	29°43	2° 8	15°57	5°15	4°43	1°12	15° 9	14°17	27°55	12°48	W27
T 28	20 22 55	4°50'58	4♊ 2	4°56	26° 2	0♋23	2° 0	16° 5	5°18	4°44	1°14	15°10	14°14	28° 2	12°45	T 28
F 29	20 26 52	5°48'23	15°51	7° 1	27°16	1° 3	1°53	16°13	5°22	4°44	1°15	15°12	14°11	28° 8	12°42	F 29
S 30	20 30 48	6°45'50	27°39	9° 4	28°30	1°43	1°45	16°20	5°25	4°44	1°17	15°13	14° 8	28°15	12°39	S 30
S 31	20 34 45	7♌43'17	9♋28	11♌ 7	29♋44	2♋23	1♒37	16♌28	5♍29	4♉44	1♍19	15°R14	14♑ 4	28♊22	12♒35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n10	24n46	3n16	19n59	2s56	22n56	0s22	22n24	0n 8	19s35	0s37	17n56	0n58	10n46	0n45	11n20	1s46	22n40	12n11	22s36	22s33	25n12	9s43	7n13
S 2	23 6	25 21	2 21	20 16	2 44	23 2	0 19	22 30	0 9	19 37	0 38	17 54	0 59	10 45	0 45	11 21	1 46	22 39	12 11	22 36	22 34	25 11	9 44	7 13
S 3	23 1	24 48	1 19	20 34	2 32	23 7	0 17	22 36	0 10	19 38	0 38	17 52	0 59	10 44	0 45	11 21	1 46	22 39	12 11	22 36	22 34	25 11	9 44	7 13
M 4	22 56	23 7	0 15	20 51	2 20	23 12	0 14	22 42	0 10	19 40	0 38	17 50	0 59	10 43	0 45	11 21	1 46	22 38	12 10	22 36	22 34	25 10	9 45	7 14
T 5	22 51	20 25	0s51	21 8	2 7	23 16	0 12	22 47	0 11	19 42	0 38	17 48	0 59	10 42	0 45	11 22	1 46	22 37	12 10	22 36	22 35	25 10	9 45	7 14
W 6	22 45	16 49	1 55	21 25	1 54	23 19	0 9	22 53	0 12	19 44	0 38	17 46	0 59	10 41	0 45	11 22	1 46	22 36	12 10	22 36	22 35	25 9	9 46	7 14
T 7	22 39	12 29	2 55	21 42	1 41	23 22	0 7	22 58	0 12	19 46	0 39	17 44	0 59	10 40	0 45	11 22	1 46	22 36	12 10	22 36	22 36	25 8	9 46	7 14
F 8	22 33	7 37	3 48	21 58	1 28	23 24	0 4	23 3	0 13	19 47	0 39	17 42	0 59	10 39	0 45	11 23	1 46	22 35	12 10	22 36	22 36	25 8	9 47	7 15
S 9	22 26	2 21	4 30	22 13	1 15	23 25	0 2	23 7	0 14	19 49	0 39	17 40	0 59	10 38	0 44	11 23	1 46	22 34	12 9	22 36	22 36	25 7	9 47	7 15
S 10	22 19	3s 7	5 0	22 27	1 2	23 26	0n 0	23 12	0 14	19 51	0 39	17 38	0 59	10 37	0 44	11 23	1 46	22 34	12 9	22 36	22 37	25 7	9 48	7 15
M11	22 11	8 34	5 16	22 40	0 49	23 26	0 3	23 16	0 15	19 53	0 39	17 36	0 59	10 36	0 44	11 23	1 46	22 33	12 9	22 36	22 37	25 6	9 48	7 15
T 12	22 3	13 46	5 15	22 51	0 36	23 25	0 5	23 20	0 16	19 55	0 39	17 34	0 59	10 35	0 44	11 24	1 46	22 32	12 9	22 36	22 37	25 5	9 49	7 15
W13	21 54	18 25	4 56	23 1	0 23	23 23	0 8	23 24	0 17	19 57	0 40	17 32	0 59	10 34	0 44	11 24	1 46	22 31	12 9	22 36	22 38	25 5	9 50	7 15
T 14	21 46	22 9	4 18	23 9	0 11	23 21	0 10	23 27	0 17	19 59	0 40	17 30	0 59	10 32	0 44	11 24	1 46	22 31	12 8	22 36	22 38	25 4	9 50	7 16
F 15	21 36	24 35	3 24	23 15	0n 1	23 18	0 13	23 31	0 18	20 1	0 40	17 28	0 59	10 31	0 44	11 24	1 46	22 30	12 8	22 36	22 38	25 3	9 51	7 16
S 16	21 27	25 21	2 14	23 18	0 13	23 15	0 15	23 34	0 19	20 2	0 40	17 25	0 59	10 30	0 44	11 24	1 47	22 29	12 8	22 36	22 39	25 3	9 52	7 16
S 17	21 17	24 18	0 55	23 20	0 24	23 11	0 18	23 37	0 19	20 4	0 40	17 23	0 59	10 29	0 44	11 25	1 47	22 28	12 8	22 36	22 39	25 2	9 52	7 16
M18	21 7	21 29	0n28	23 18	0 35	23 6	0 20	23 40	0 20	20 6	0 40	17 21	0 59	10 28	0 44	11 25	1 47	22 27	12 8	22 36	22 39	25 1	9 53	7 16
T 19	20 56	17 14	1 49	23 15	0 45	23 0	0 22	23 42	0 21	20 8	0 41	17 19	0 59	10 27	0 44	11 25	1 47	22 27	12 8	22 36	22 40	25 1	9 54	7 16
W20	20 45	11 59	3 1	23 8	0 54	22 54	0 25	23 44	0 21	20 10	0 41	17 17	0 59	10 26	0 44	11 25	1 47	22 26	12 8	22 36	22 40	25 0	9 55	7 16
T 21	20 34	6 12	4 0	22 59	1 3	22 47	0 27	23 47	0 22	20 12	0 41	17 15	0 59	10 24	0 44	11 25	1 47	22 25	12 7	22 36	22 41	24 59	9 55	7 17
F 22	20 22	0 17	4 43	22 47	1 11	22 39	0 29	23 48	0 23	20 14	0 41	17 13	0 59	10 23	0 44	11 25	1 47	22 24	12 7	22 37	22 41	24 58	9 56	7 17
S 23	20 10	5n27	5 8	22 33	1 18	22 31	0 31	23 50	0 24	20 16	0 41	17 10	0 59	10 22	0 44	11 25	1 47	22 24	12 7	22 37	22 41	24 58	9 57	7 17
S 24	19 58	10 45	5 16	22 15	1 24	22 22	0 34	23 52	0 24	20 18	0 41	17 8	0 59	10 21	0 44	11 26	1 47	22 23	12 7	22 37	22 42	24 57	9 58	7 17
M25	19 45	15 27	5 9	21 56	1 30	22 13	0 36	23 53	0 25	20 20	0 41	17 6	0 59	10 20	0 44	11 26	1 47	22 22	12 7	22 37	22 42	24 56	9 58	7 17
T 26	19 32	19 22	4 47	21 33	1 34	22 2	0 38	23 54	0 26	20 22	0 42	17 4	1 0	10 18	0 44	11 26	1 47	22 21	12 7	22 37	22 42	24 56	9 59	7 17
W27	19 19	22 24	4 13	21 9	1 38	21 52	0 40	23 55	0 26	20 24	0 42	17 2	1 0	10 17	0 44	11 26	1 47	22 21	12 7	22 37	22 43	24 55	10 0	7 17
T 28	19 5	24 24	3 28	20 42	1 41	21 40	0 42	23 56	0 27	20 25	0 42	16 59	1 0	10 16	0 44	11 26	1 47	22 20	12 7	22 37	22 43	24 54	10 1	7 17
F 29	18 51	25 18	2 35	20 13	1 44	21 28	0 44	23 56	0 28	20 27	0 42	16 57	1 0	10 15	0 44	11 26	1 47	22 19	12 7	22 37	22 43	24 53	10 2	7 17
S 30	18 37	25 3	1 36	19 43	1 45	21 15	0 46	23 56	0 28	20 29	0 42	16 55	1 0	10 13	0 44	11 26	1 47	22 18	12 7	22 36	22 44	24 53	10 3	7 17
S 31	18n22	23n40	0n32	19n10	1n46	21n 2	0n48	23n56	0n29	20s31	0s42	16n53	1n 0	10n12	0n44	11n26	1s47	22n18	12n 6	22s36	22s44	24n52	10s 3	7n17

Julian Day Number = 2346536.5, Delta T = 11.12 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'37, Lahiri = 19°50'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

AUGUST 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 41	8♌40'45	21♋22	13♌ 8	0♌57	3♋ 2	1°R29	16♌35	5♍32	4♉45	1♍21	15°R14	14♑ 1	28♊28	12°R32	M 1
T 2	20 42 38	9°38'15	3♌23	15° 8	2°11	3°42	1♒22	16°43	5°35	4°45	1°23	15♑13	13°58	28°35	12♒29	T 2
W 3	20 46 34	10°35'45	15°35	17° 6	3°25	4°22	1°14	16°51	5°39	4°45	1°25	15°11	13°55	28°42	12°26	W 3
T 4	20 50 31	11°33'17	27°57	19° 3	4°39	5° 1	1° 7	16°58	5°42	4°45	1°27	15° 7	13°52	28°48	12°22	T 4
F 5	20 54 28	12°30'49	10♍32	20°59	5°53	5°41	0°59	17° 6	5°46	4°45	1°29	15° 3	13°49	28°55	12°19	F 5
S 6	20 58 24	13°28'23	23°19	22°53	7° 7	6°20	0°52	17°14	5°49	4°45	1°31	14°58	13°45	29° 1	12°16	S 6
S 7	21 2 21	14°25'57	6♎21	24°46	8°21	7° 0	0°44	17°21	5°53	4°45	1°33	14°54	13°42	29° 8	12°13	S 7
M 8	21 6 17	15°23'33	19°37	26°37	9°35	7°39	0°37	17°29	5°57	4°R45	1°35	14°51	13°39	29°15	12° 9	M 8
T 9	21 10 14	16°21'09	3♏ 8	28°27	10°49	8°19	0°30	17°37	6° 0	4°45	1°37	14°49	13°36	29°21	12° 6	T 9
W10	21 14 10	17°18'46	16°54	0♍15	12° 3	8°58	0°23	17°44	6° 4	4°45	1°39	14°D48	13°33	29°28	12° 3	W10
T 11	21 18 7	18°16'24	0♐56	2° 2	13°18	9°37	0°15	17°52	6° 7	4°45	1°41	14°49	13°29	29°35	12° 0	T 11
F 12	21 22 3	19°14'04	15°12	3°47	14°32	10°16	0° 8	18° 0	6°11	4°45	1°43	14°50	13°26	29°41	11°56	F 12
S 13	21 26 0	20°11'44	29°41	5°31	15°46	10°55	0° 2	18° 8	6°15	4°45	1°45	14°51	13°23	29°48	11°53	S 13
S 14	21 29 57	21° 9'26	14♑19	7°13	17° 0	11°34	29♑55	18°15	6°18	4°45	1°47	14°R52	13°20	29°55	11°50	S 14
M15	21 33 53	22° 7'08	29° 2	8°54	18°14	12°13	29°48	18°23	6°22	4°45	1°49	14°51	13°17	0♋ 1	11°47	M15
T 16	21 37 50	23° 4'52	13♒42	10°34	19°28	12°52	29°42	18°31	6°26	4°44	1°51	14°49	13°14	0° 8	11°44	T 16
W17	21 41 46	24° 2'37	28°14	12°12	20°43	13°31	29°35	18°38	6°29	4°44	1°53	14°44	13°10	0°15	11°41	W17
T 18	21 45 43	25° 0'23	12♓31	13°49	21°57	14°10	29°29	18°46	6°33	4°44	1°55	14°39	13° 7	0°21	11°37	T 18
F 19	21 49 39	25°58'11	26°27	15°24	23°11	14°48	29°22	18°54	6°37	4°43	1°57	14°32	13° 4	0°28	11°34	F 19
S 20	21 53 36	26°56'01	9♈59	16°58	24°25	15°27	29°16	19° 1	6°41	4°43	1°59	14°26	13° 1	0°35	11°31	S 20
S 21	21 57 32	27°53'52	23° 7	18°30	25°40	16° 6	29°10	19° 9	6°44	4°43	2° 1	14°20	12°58	0°41	11°28	S 21
M22	22 1 29	28°51'45	5♉51	20° 2	26°54	16°44	29° 5	19°16	6°48	4°42	2° 3	14°16	12°55	0°48	11°25	M22
T 23	22 5 25	29°49'40	18°14	21°31	28° 8	17°23	28°59	19°24	6°52	4°42	2° 5	14°13	12°51	0°54	11°22	T 23
W24	22 9 22	0♍47'37	0♊22	23° 0	29°23	18° 1	28°53	19°32	6°56	4°41	2° 7	14°D12	12°48	1° 1	11°19	W24
T 25	22 13 19	1°45'36	12°17	24°27	0♍37	18°40	28°48	19°39	6°59	4°41	2° 9	14°13	12°45	1° 8	11°16	T 25
F 26	22 17 15	2°43'36	24° 6	25°52	1°52	19°18	28°43	19°47	7° 3	4°40	2°11	14°14	12°42	1°14	11°13	F 26
S 27	22 21 12	3°41'39	5♋54	27°16	3° 6	19°56	28°37	19°54	7° 7	4°39	2°13	14°15	12°39	1°21	11°10	S 27
S 28	22 25 8	4°39'43	17°46	28°39	4°20	20°34	28°33	20° 2	7°11	4°39	2°15	14°R16	12°35	1°28	11° 7	S 28
M29	22 29 5	5°37'49	29°45	0♎ 0	5°35	21°12	28°28	20° 9	7°14	4°38	2°17	14°14	12°32	1°34	11° 5	M29
T 30	22 33 1	6°35'57	11♌56	1°20	6°49	21°50	28°23	20°17	7°18	4°37	2°19	14°11	12°29	1°41	11° 2	T 30
W31	22 36 58	7♍34'07	24♌21	2♎38	8♍ 4	22♋28	28♑19	20♌24	7♍22	4♉37	2♍21	14♑ 5	12♑26	1♋48	10♒59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 7	21n13	0s34	18n36	1n46	20n48	0n50	23n56	0n30	20s33	0s42	16n50	1n 0	10n11	0n44	11n26	1s48	22n17	12n 6	22s36	22s44	24n51	10s 4	7n17
T 2	17 52	17 50	1 38	18 1	1 46	20 33	0 52	23 56	0 30	20 35	0 42	16 48	1 0	10 9	0 44	11 26	1 48	22 16	12 6	22 36	22 45	24 50	10 5	7 17
W 3	17 36	13 39	2 39	17 24	1 45	20 18	0 54	23 55	0 31	20 36	0 43	16 46	1 0	10 8	0 44	11 26	1 48	22 15	12 6	22 37	22 45	24 50	10 6	7 17
T 4	17 21	8 52	3 33	16 46	1 43	20 2	0 56	23 55	0 32	20 38	0 43	16 44	1 0	10 7	0 44	11 26	1 48	22 14	12 6	22 37	22 45	24 49	10 7	7 17
F 5	17 5	3 39	4 18	16 7	1 41	19 46	0 58	23 54	0 33	20 40	0 43	16 41	1 0	10 6	0 44	11 26	1 48	22 14	12 6	22 38	22 46	24 48	10 8	7 17
S 6	16 48	1s48	4 51	15 27	1 38	19 29	0 59	23 53	0 33	20 42	0 43	16 39	1 0	10 4	0 44	11 26	1 48	22 13	12 6	22 38	22 46	24 47	10 9	7 17
S 7	16 32	7 15	5 9	14 47	1 35	19 11	1 1	23 51	0 34	20 43	0 43	16 37	1 0	10 3	0 44	11 26	1 48	22 12	12 6	22 39	22 46	24 46	10 10	7 17
M 8	16 15	12 29	5 12	14 6	1 31	18 53	1 3	23 50	0 35	20 45	0 43	16 35	1 0	10 2	0 44	11 26	1 48	22 11	12 6	22 39	22 47	24 45	10 11	7 17
T 9	15 58	17 13	4 57	13 24	1 27	18 34	1 4	23 48	0 35	20 47	0 43	16 32	1 0	10 0	0 44	11 26	1 48	22 11	12 6	22 39	22 47	24 45	10 12	7 17
W10	15 40	21 9	4 25	12 41	1 23	18 15	1 6	23 46	0 36	20 48	0 43	16 30	1 1	9 59	0 44	11 26	1 48	22 10	12 6	22 39	22 47	24 44	10 13	7 17
T 11	15 23	23 55	3 37	11 58	1 18	17 56	1 7	23 44	0 37	20 50	0 43	16 28	1 1	9 57	0 44	11 26	1 48	22 9	12 6	22 39	22 48	24 43	10 14	7 17
F 12	15 5	25 13	2 35	11 15	1 12	17 35	1 8	23 42	0 38	20 52	0 43	16 25	1 1	9 56	0 44	11 26	1 48	22 8	12 6	22 39	22 48	24 42	10 15	7 16
S 13	14 47	24 51	1 22	10 32	1 6	17 15	1 10	23 40	0 38	20 53	0 43	16 23	1 1	9 55	0 44	11 25	1 48	22 8	12 6	22 39	22 48	24 41	10 15	7 16
S 14	14 28	22 45	0 3	9 48	1 0	16 54	1 11	23 37	0 39	20 55	0 44	16 21	1 1	9 53	0 44	11 25	1 48	22 7	12 6	22 39	22 48	24 40	10 16	7 16
M15	14 10	19 8	1n16	9 5	0 54	16 32	1 12	23 34	0 40	20 56	0 44	16 18	1 1	9 52	0 44	11 25	1 48	22 6	12 6	22 39	22 49	24 40	10 17	7 16
T 16	13 51	14 20	2 31	8 21	0 47	16 10	1 14	23 31	0 40	20 58	0 44	16 16	1 1	9 51	0 44	11 25	1 48	22 5	12 6	22 39	22 49	24 39	10 18	7 16
W17	13 32	8 46	3 34	7 37	0 41	15 48	1 15	23 28	0 41	20 59	0 44	16 14	1 1	9 49	0 44	11 25	1 49	22 5	12 6	22 40	22 49	24 38	10 19	7 16
T 18	13 12	2 50	4 23	6 53	0 33	15 25	1 16	23 25	0 42	21 0	0 44	16 12	1 1	9 48	0 44	11 25	1 49	22 4	12 6	22 40	22 50	24 37	10 20	7 16
F 19	12 53	3n 5	4 54	6 10	0 26	15 1	1 17	23 21	0 42	21 2	0 44	16 9	1 1	9 47	0 44	11 25	1 49	22 3	12 6	22 41	22 50	24 36	10 21	7 16
S 20	12 33	8 41	5 9	5 26	0 19	14 37	1 18	23 18	0 43	21 3	0 44	16 7	1 1	9 45	0 44	11 24	1 49	22 3	12 6	22 42	22 50	24 35	10 22	7 15
S 21	12 13	13 44	5 6	4 43	0 11	14 13	1 19	23 14	0 44	21 4	0 44	16 5	1 1	9 44	0 44	11 24	1 49	22 2	12 6	22 42	22 51	24 34	10 23	7 15
M22	11 53	18 1	4 48	4 0	0 3	13 49	1 20	23 10	0 45	21 6	0 44	16 2	1 2	9 42	0 44	11 24	1 49	22 1	12 6	22 43	22 51	24 33	10 24	7 15
T 23	11 33	21 24	4 17	3 17	0s 5	13 24	1 20	23 6	0 45	21 7	0 44	16 0	1 2	9 41	0 44	11 24	1 49	22 0	12 6	22 43	22 51	24 33	10 25	7 15
W24	11 13	23 46	3 35	2 35	0 13	12 58	1 21	23 1	0 46	21 8	0 44	15 58	1 2	9 40	0 44	11 24	1 49	22 0	12 6	22 43	22 52	24 32	10 26	7 15
T 25	10 52	25 1	2 44	1 53	0 22	12 33	1 22	22 57	0 47	21 9	0 44	15 55	1 2	9 38	0 44	11 23	1 49	21 59	12 6	22 43	22 52	24 31	10 27	7 14
F 26	10 31	25 7	1 47	1 11	0 30	12 7	1 22	22 52	0 47	21 10	0 44	15 53	1 2	9 37	0 44	11 23	1 49	21 58	12 6	22 43	22 52	24 30	10 28	7 14
S 27	10 10	24 6	0 45	0 30	0 39	11 40	1 23	22 47	0 48	21 11	0 44	15 51	1 2	9 35	0 44	11 23	1 49	21 58	12 6	22 43	22 53	24 29	10 29	7 14
S 28	9 49	21 59	0s19	0s11	0 47	11 14	1 23	22 42	0 49	21 12	0 44	15 49	1 2	9 34	0 44	11 23	1 49	21 57	12 7	22 43	22 53	24 28	10 30	7 14
M29	9 28	18 53	1 23	0 51	0 56	10 47	1 24	22 37	0 50	21 13	0 44	15 46	1 2	9 33	0 44	11 22	1 49	21 56	12 7	22 43	22 53	24 27	10 31	7 13
T 30	9 6	14 57	2 23	1 31	1 5	10 19	1 24	22 32	0 50	21 14	0 44	15 44	1 2	9 31	0 44	11 22	1 49	21 56	12 7	22 43	22 53	24 26	10 32	7 13
W31	8n45	10n19	3s18	2s10	1s13	9n52	1n24	22n26	0n51	21s15	0s44	15n42	1n 2	9n30	0n44	11n22	1s49	21n55	12n 7	22s44	22s54	24n25	10s33	7n13

Julian Day Number = 2346567.5, Delta T = 11.10 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'41, Lahiri = 19°50'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

SEPTEMBER 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 54	8♍32'18	7♍ 0	3♎54	9♍18	23♋ 6	28°R14	20♌32	7♍26	4°R36	2♍23	13°R57	12♑23	1♋54	10°R56	T 1
F 2	22 44 51	9°30'31	19°56	5° 9	10°33	23°44	28♑10	20°39	7°29	4♉35	2°25	13♑48	12°20	2° 1	10♒54	F 2
S 3	22 48 48	10°28'46	3♎ 5	6°22	11°47	24°22	28° 6	20°47	7°33	4°34	2°27	13°38	12°16	2° 8	10°51	S 3
S 4	22 52 44	11°27'03	16°29	7°33	13° 2	25° 0	28° 2	20°54	7°37	4°34	2°29	13°28	12°13	2°14	10°48	S 4
M 5	22 56 41	12°25'21	0♏ 3	8°42	14°17	25°37	27°59	21° 1	7°41	4°33	2°31	13°20	12°10	2°21	10°46	M 5
T 6	23 0 37	13°23'41	13°48	9°49	15°31	26°15	27°55	21° 9	7°44	4°32	2°33	13°15	12° 7	2°28	10°43	T 6
W 7	23 4 34	14°22'02	27°41	10°54	16°46	26°53	27°52	21°16	7°48	4°31	2°35	13°11	12° 4	2°34	10°41	W 7
T 8	23 8 30	15°20'25	11♐41	11°57	18° 0	27°30	27°49	21°23	7°52	4°30	2°37	13°D10	12° 0	2°41	10°38	T 8
F 9	23 12 27	16°18'50	25°47	12°58	19°15	28° 7	27°46	21°30	7°56	4°29	2°39	13°10	11°57	2°47	10°36	F 9
S 10	23 16 23	17°17'16	9♑59	13°55	20°30	28°45	27°43	21°38	7°59	4°28	2°41	13°R11	11°54	2°54	10°33	S 10
S 11	23 20 20	18°15'44	24°15	14°50	21°44	29°22	27°41	21°45	8° 3	4°27	2°43	13°10	11°51	3° 1	10°31	S 11
M12	23 24 17	19°14'14	8♒32	15°42	22°59	29°59	27°39	21°52	8° 7	4°26	2°45	13° 8	11°48	3° 7	10°29	M12
T 13	23 28 13	20°12'45	22°48	16°31	24°14	0♌36	27°37	21°59	8°11	4°25	2°47	13° 3	11°45	3°14	10°27	T 13
W14	23 32 10	21°11'17	6♓57	17°17	25°28	1°13	27°35	22° 6	8°14	4°24	2°49	12°55	11°41	3°21	10°24	W14
T 15	23 36 6	22° 9'52	20°55	17°59	26°43	1°50	27°33	22°13	8°18	4°22	2°51	12°45	11°38	3°27	10°22	T 15
F 16	23 40 3	23° 8'28	4♈38	18°36	27°58	2°27	27°31	22°20	8°22	4°21	2°53	12°34	11°35	3°34	10°20	F 16
S 17	23 43 59	24° 7'07	18° 2	19°10	29°12	3° 4	27°30	22°27	8°25	4°20	2°55	12°23	11°32	3°41	10°18	S 17
S 18	23 47 56	25° 5'48	1♉ 5	19°39	0♎27	3°41	27°29	22°34	8°29	4°19	2°57	12°12	11°29	3°47	10°16	S 18
M19	23 51 52	26° 4'30	13°47	20° 3	1°42	4°18	27°28	22°41	8°33	4°18	2°59	12° 3	11°26	3°54	10°14	M19
T 20	23 55 49	27° 3'15	26°10	20°22	2°56	4°54	27°27	22°48	8°36	4°16	3° 1	11°57	11°22	4° 1	10°12	T 20
W21	23 59 46	28° 2'03	8♊17	20°35	4°11	5°31	27°26	22°55	8°40	4°15	3° 3	11°53	11°19	4° 7	10°11	W21
T 22	0 3 42	29° 0'52	20°12	20°42	5°26	6° 7	27°26	23° 1	8°44	4°14	3° 4	11°52	11°16	4°14	10° 9	T 22
F 23	0 7 39	29°59'44	2♋ 1	20°R42	6°41	6°44	27°D26	23° 8	8°47	4°13	3° 6	11°D51	11°13	4°21	10° 7	F 23
S 24	0 11 35	0♎58'39	13°50	20°35	7°55	7°20	27°26	23°15	8°51	4°11	3° 8	11°R51	11°10	4°27	10° 6	S 24
S 25	0 15 32	1°57'35	25°43	20°21	9°10	7°56	27°26	23°21	8°54	4°10	3°10	11°51	11° 6	4°34	10° 4	S 25
M26	0 19 28	2°56'34	7♌45	20° 0	10°25	8°33	27°27	23°28	8°58	4° 9	3°12	11°48	11° 3	4°40	10° 2	M26
T 27	0 23 25	3°55'35	20° 2	19°31	11°40	9° 9	27°27	23°34	9° 1	4° 7	3°14	11°43	11° 0	4°47	10° 1	T 27
W28	0 27 21	4°54'38	2♍37	18°55	12°55	9°45	27°28	23°41	9° 5	4° 6	3°15	11°36	10°57	4°54	10° 0	W28
T 29	0 31 18	5°53'43	15°32	18°11	14° 9	10°21	27°29	23°47	9° 8	4° 4	3°17	11°26	10°54	5° 0	9°58	T 29
F 30	0 35 15	6♎52'50	28♍47	17♎19	15♎24	10♌57	27♑30	23♌53	9♍12	4♉ 3	3♍19	11♑14	10♑51	5♋ 7	9♒57	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n23	5n10	4s 5	2s49	1s22	9n24	1n25	22n21	0n52	21s16	0s44	15n39	1n 3	9n28	0n44	11n21	1s49	21n54	12n 7	22s45	22s54	24n24	10s34	7n13
F 2	8 1	0s17	4 39	3 26	1 31	8 56	1 25	22 15	0 52	21 17	0 44	15 37	1 3	9 27	0 44	11 21	1 49	21 54	12 7	22 46	22 54	24 23	10 35	7 12
S 3	7 39	5 49	5 0	4 3	1 40	8 27	1 25	22 9	0 53	21 18	0 44	15 35	1 3	9 26	0 44	11 21	1 49	21 53	12 7	22 47	22 55	24 22	10 36	7 12
S 4	7 17	11 10	5 4	4 39	1 48	7 59	1 25	22 3	0 54	21 19	0 44	15 33	1 3	9 24	0 44	11 20	1 50	21 52	12 7	22 48	22 55	24 21	10 37	7 12
M 5	6 55	16 4	4 52	5 15	1 57	7 30	1 25	21 57	0 55	21 19	0 44	15 30	1 3	9 23	0 44	11 20	1 50	21 52	12 7	22 48	22 55	24 20	10 38	7 11
T 6	6 32	20 11	4 23	5 49	2 5	7 1	1 25	21 50	0 55	21 20	0 44	15 28	1 3	9 21	0 44	11 20	1 50	21 51	12 7	22 49	22 55	24 19	10 39	7 11
W 7	6 10	23 13	3 38	6 23	2 14	6 32	1 24	21 44	0 56	21 21	0 44	15 26	1 3	9 20	0 44	11 19	1 50	21 50	12 8	22 49	22 56	24 18	10 40	7 11
T 8	5 47	24 52	2 40	6 55	2 22	6 2	1 24	21 37	0 57	21 21	0 44	15 24	1 3	9 19	0 44	11 19	1 50	21 50	12 8	22 49	22 56	24 17	10 41	7 10
F 9	5 25	24 56	1 31	7 26	2 30	5 33	1 24	21 31	0 58	21 22	0 44	15 21	1 3	9 17	0 44	11 19	1 50	21 49	12 8	22 49	22 56	24 16	10 42	7 10
S 10	5 2	23 23	0 17	7 56	2 38	5 3	1 24	21 24	0 58	21 23	0 44	15 19	1 4	9 16	0 44	11 18	1 50	21 49	12 8	22 49	22 57	24 15	10 43	7 10
S 11	4 39	20 20	0n59	8 25	2 46	4 33	1 23	21 17	0 59	21 23	0 44	15 17	1 4	9 14	0 44	11 18	1 50	21 48	12 8	22 49	22 57	24 14	10 44	7 9
M12	4 16	16 3	2 11	8 52	2 54	4 3	1 23	21 9	1 0	21 23	0 44	15 15	1 4	9 13	0 44	11 18	1 50	21 47	12 8	22 50	22 57	24 13	10 45	7 9
T 13	3 53	10 53	3 14	9 17	3 1	3 33	1 22	21 2	1 0	21 24	0 44	15 13	1 4	9 12	0 44	11 17	1 50	21 47	12 9	22 50	22 57	24 12	10 46	7 9
W14	3 30	5 10	4 5	9 41	3 8	3 3	1 21	20 55	1 1	21 24	0 44	15 10	1 4	9 10	0 44	11 17	1 50	21 46	12 9	22 51	22 58	24 11	10 47	7 8
T 15	3 7	0n42	4 41	10 4	3 15	2 33	1 21	20 47	1 2	21 25	0 44	15 8	1 4	9 9	0 44	11 16	1 50	21 46	12 9	22 52	22 58	24 10	10 48	7 8
F 16	2 44	6 25	4 59	10 24	3 21	2 2	1 20	20 40	1 3	21 25	0 44	15 6	1 4	9 7	0 44	11 16	1 50	21 45	12 9	22 53	22 58	24 9	10 49	7 8
S 17	2 20	11 43	5 1	10 42	3 27	1 32	1 19	20 32	1 3	21 25	0 44	15 4	1 4	9 6	0 44	11 15	1 50	21 45	12 9	22 54	22 59	24 8	10 49	7 7
S 18	1 57	16 20	4 46	10 58	3 32	1 1	1 18	20 24	1 4	21 25	0 44	15 2	1 5	9 5	0 44	11 15	1 50	21 44	12 10	22 55	22 59	24 7	10 50	7 7
M19	1 34	20 6	4 18	11 11	3 36	0 30	1 17	20 16	1 5	21 26	0 44	15 0	1 5	9 3	0 44	11 15	1 50	21 44	12 10	22 56	22 59	24 6	10 51	7 6
T 20	1 10	22 51	3 38	11 22	3 40	0s 0	1 16	20 8	1 6	21 26	0 44	14 58	1 5	9 2	0 44	11 14	1 50	21 43	12 10	22 56	22 59	24 5	10 52	7 6
W21	0 47	24 29	2 48	11 29	3 43	0 31	1 15	20 0	1 6	21 26	0 44	14 56	1 5	9 1	0 44	11 14	1 50	21 43	12 10	22 57	23 0	24 4	10 53	7 6
T 22	0 24	24 59	1 52	11 34	3 45	1 2	1 14	19 51	1 7	21 26	0 44	14 53	1 5	8 59	0 44	11 13	1 50	21 42	12 10	22 57	23 0	24 2	10 54	7 5
F 23	0 0	24 20	0 52	11 35	3 46	1 32	1 13	19 43	1 8	21 26	0 44	14 51	1 5	8 58	0 44	11 13	1 50	21 42	12 11	22 57	23 0	24 1	10 55	7 5
S 24	0s23	22 35	0s10	11 32	3 46	2 3	1 12	19 34	1 9	21 26	0 44	14 49	1 5	8 57	0 44	11 12	1 50	21 41	12 11	22 57	23 0	24 0	10 55	7 4
S 25	0 47	19 51	1 13	11 26	3 44	2 34	1 11	19 26	1 9	21 26	0 44	14 47	1 6	8 55	0 44	11 12	1 50	21 41	12 11	22 57	23 1	23 59	10 56	7 4
M26	1 10	16 13	2 13	11 15	3 41	3 4	1 9	19 17	1 10	21 26	0 44	14 45	1 6	8 54	0 44	11 11	1 50	21 40	12 11	22 57	23 1	23 58	10 57	7 4
T 27	1 34	11 51	3 8	11 0	3 37	3 35	1 8	19 8	1 11	21 26	0 44	14 43	1 6	8 53	0 44	11 11	1 51	21 40	12 12	22 58	23 1	23 57	10 58	7 3
W28	1 57	6 54	3 55	10 40	3 31	4 5	1 6	18 59	1 12	21 25	0 44	14 41	1 6	8 51	0 44	11 10	1 51	21 39	12 12	22 58	23 2	23 56	10 59	7 3
T 29	2 21	1 33	4 31	10 16	3 23	4 36	1 5	18 50	1 12	21 25	0 44	14 39	1 6	8 50	0 44	11 10	1 51	21 39	12 12	22 59	23 2	23 55	10 59	7 2
F 30	2s44	4s 0	4s53	9s47	3s13	5s 6	1n 3	18n41	1n13	21s25	0s44	14n37	1n 6	8n49	0n44	11n 9	1s51	21n38	12n12	23s 0	23s 2	23n54	11s 0	7n 2

Julian Day Number = 2346598.5, Delta T = 11.09 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'45, Lahiri = 19°50'46Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

OCTOBER 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 11	7♎52'00	12♎20	16°R22	16♎39	11♌32	27♑32	24♌ 0	9♍15	4°R 1	3♍21	11°R 1	10♑47	5♋14	9°R56	S 1
S 2	0 43 8	8°51'12	26° 9	15♎19	17°54	12° 8	27°33	24° 6	9°19	4♉ 0	3°22	10♑48	10°44	5°20	9♒55	S 2
M 3	0 47 4	9°50'25	10♏ 9	14°11	19° 9	12°44	27°35	24°12	9°22	3°58	3°24	10°38	10°41	5°27	9°53	M 3
T 4	0 51 1	10°49'41	24°17	13° 1	20°23	13°19	27°37	24°18	9°25	3°57	3°26	10°30	10°38	5°34	9°52	T 4
W 5	0 54 57	11°48'58	8♐28	11°50	21°38	13°55	27°39	24°24	9°29	3°55	3°28	10°25	10°35	5°40	9°52	W 5
T 6	0 58 54	12°48'18	22°38	10°40	22°53	14°30	27°41	24°30	9°32	3°54	3°29	10°23	10°32	5°47	9°51	T 6
F 7	1 2 50	13°47'39	6♑47	9°33	24° 8	15° 5	27°44	24°36	9°35	3°52	3°31	10°22	10°28	5°54	9°50	F 7
S 8	1 6 47	14°47'01	20°52	8°31	25°23	15°41	27°47	24°42	9°39	3°51	3°33	10°22	10°25	6° 0	9°49	S 8
S 9	1 10 44	15°46'26	4♒53	7°35	26°38	16°16	27°50	24°48	9°42	3°49	3°34	10°21	10°22	6° 7	9°48	S 9
M10	1 14 40	16°45'52	18°50	6°48	27°53	16°51	27°53	24°53	9°45	3°48	3°36	10°18	10°19	6°13	9°48	M10
T 11	1 18 37	17°45'20	2♓41	6°10	29° 7	17°26	27°56	24°59	9°48	3°46	3°37	10°13	10°16	6°20	9°47	T 11
W12	1 22 33	18°44'50	16°24	5°43	0♏22	18° 0	28° 0	25° 5	9°51	3°44	3°39	10° 4	10°12	6°27	9°47	W12
T 13	1 26 30	19°44'21	29°57	5°27	1°37	18°35	28° 3	25°10	9°54	3°43	3°40	9°53	10° 9	6°33	9°46	T 13
F 14	1 30 26	20°43'55	13♈18	5°D21	2°52	19°10	28° 7	25°16	9°58	3°41	3°42	9°41	10° 6	6°40	9°46	F 14
S 15	1 34 23	21°43'30	26°24	5°27	4° 7	19°44	28°11	25°21	10° 1	3°39	3°43	9°28	10° 3	6°47	9°46	S 15
S 16	1 38 19	22°43'08	9♉14	5°44	5°22	20°19	28°16	25°26	10° 4	3°38	3°45	9°16	10° 0	6°53	9°45	S 16
M17	1 42 16	23°42'48	21°48	6°11	6°36	20°53	28°20	25°32	10° 7	3°36	3°46	9° 5	9°57	7° 0	9°45	M17
T 18	1 46 12	24°42'30	4♊ 5	6°47	7°51	21°27	28°25	25°37	10°10	3°35	3°48	8°58	9°53	7° 7	9°45	T 18
W19	1 50 9	25°42'14	16° 9	7°32	9° 6	22° 2	28°29	25°42	10°13	3°33	3°49	8°53	9°50	7°13	9°D45	W19
T 20	1 54 6	26°42'00	28° 3	8°25	10°21	22°36	28°34	25°47	10°15	3°31	3°51	8°51	9°47	7°20	9°45	T 20
F 21	1 58 2	27°41'49	9♋52	9°24	11°36	23°10	28°39	25°52	10°18	3°30	3°52	8°D50	9°44	7°27	9°45	F 21
S 22	2 1 59	28°41'39	21°39	10°30	12°51	23°44	28°45	25°57	10°21	3°28	3°53	8°51	9°41	7°33	9°45	S 22
S 23	2 5 55	29°41'32	3♌31	11°42	14° 5	24°17	28°50	26° 1	10°24	3°26	3°55	8°R51	9°37	7°40	9°46	S 23
M24	2 9 52	0♏41'27	15°34	12°58	15°20	24°51	28°56	26° 6	10°27	3°24	3°56	8°49	9°34	7°46	9°46	M24
T 25	2 13 48	1°41'25	27°52	14°18	16°35	25°25	29° 2	26°11	10°29	3°23	3°57	8°46	9°31	7°53	9°46	T 25
W26	2 17 45	2°41'24	10♍30	15°42	17°50	25°58	29° 8	26°15	10°32	3°21	3°58	8°41	9°28	8° 0	9°47	W26
T 27	2 21 41	3°41'26	23°32	17° 8	19° 5	26°31	29°14	26°20	10°35	3°19	4° 0	8°33	9°25	8° 6	9°47	T 27
F 28	2 25 38	4°41'29	6♎58	18°37	20°20	27° 5	29°20	26°24	10°37	3°18	4° 1	8°23	9°22	8°13	9°48	F 28
S 29	2 29 35	5°41'35	20°48	20° 8	21°35	27°38	29°27	26°28	10°40	3°16	4° 2	8°12	9°18	8°20	9°48	S 29
S 30	2 33 31	6°41'43	4♏58	21°40	22°50	28°11	29°33	26°32	10°42	3°14	4° 3	8° 2	9°15	8°26	9°49	S 30
M31	2 37 28	7♏41'52	19♏24	23♎14	24♏ 4	28♌44	29♑40	26♌36	10♍45	3♉13	4♍ 4	7♑53	9♑12	8♋33	9♒50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 8	9s29	5s 0	9s14	3s 2	5s36	1n 2	18n32	1n14	21s25	0s44	14n35	1n 7	8n48	0n44	11n 9	1s51	21n38	12n13	23s 1	23s 2	23n52	11s 1	7n 1
S 2	3 31	14 36	4 50	8 37	2 48	6 6	1 0	18 23	1 15	21 24	0 44	14 33	1 7	8 46	0 44	11 8	1 51	21 38	12 13	23 2	23 3	23 51	11 2	7 1
M 3	3 54	19 1	4 22	7 57	2 33	6 37	0 58	18 13	1 15	21 24	0 44	14 32	1 7	8 45	0 44	11 8	1 51	21 37	12 13	23 3	23 3	23 50	11 2	7 0
T 4	4 18	22 23	3 38	7 14	2 16	7 6	0 57	18 4	1 16	21 23	0 44	14 30	1 7	8 44	0 44	11 7	1 51	21 37	12 13	23 4	23 3	23 49	11 3	7 0
W 5	4 41	24 23	2 40	6 29	1 57	7 36	0 55	17 54	1 17	21 23	0 44	14 28	1 7	8 43	0 44	11 7	1 51	21 36	12 14	23 4	23 3	23 48	11 4	6 59
T 6	5 4	24 49	1 32	5 44	1 38	8 6	0 53	17 45	1 18	21 22	0 44	14 26	1 7	8 41	0 44	11 6	1 51	21 36	12 14	23 4	23 4	23 47	11 5	6 59
F 7	5 27	23 37	0 19	4 59	1 18	8 35	0 51	17 35	1 19	21 22	0 44	14 24	1 7	8 40	0 44	11 5	1 51	21 36	12 14	23 4	23 4	23 45	11 5	6 59
S 8	5 50	20 57	0n55	4 15	0 57	9 4	0 49	17 25	1 19	21 21	0 44	14 22	1 8	8 39	0 44	11 5	1 51	21 35	12 15	23 4	23 4	23 44	11 6	6 58
S 9	6 13	17 2	2 6	3 35	0 37	9 33	0 47	17 16	1 20	21 21	0 44	14 21	1 8	8 38	0 44	11 4	1 51	21 35	12 15	23 4	23 4	23 43	11 6	6 58
M10	6 36	12 13	3 8	2 57	0 16	10 2	0 45	17 6	1 21	21 20	0 44	14 19	1 8	8 37	0 44	11 4	1 51	21 35	12 15	23 5	23 5	23 42	11 7	6 57
T 11	6 59	6 49	3 59	2 25	0n 3	10 31	0 43	16 56	1 22	21 19	0 44	14 17	1 8	8 35	0 44	11 3	1 51	21 35	12 16	23 5	23 5	23 41	11 8	6 57
W12	7 21	1 8	4 36	1 57	0 21	10 59	0 41	16 46	1 22	21 19	0 44	14 15	1 8	8 34	0 44	11 3	1 51	21 34	12 16	23 6	23 5	23 39	11 8	6 56
T 13	7 44	4n31	4 56	1 35	0 38	11 27	0 39	16 36	1 23	21 18	0 44	14 14	1 8	8 33	0 44	11 2	1 51	21 34	12 16	23 7	23 5	23 38	11 9	6 56
F 14	8 6	9 52	5 0	1 18	0 54	11 55	0 37	16 26	1 24	21 17	0 44	14 12	1 9	8 32	0 44	11 2	1 51	21 34	12 17	23 7	23 6	23 37	11 9	6 55
S 15	8 29	14 40	4 48	1 8	1 8	12 22	0 34	16 16	1 25	21 16	0 44	14 10	1 9	8 31	0 44	11 1	1 51	21 33	12 17	23 8	23 6	23 36	11 10	6 55
S 16	8 51	18 43	4 21	1 3	1 21	12 49	0 32	16 5	1 26	21 15	0 44	14 9	1 9	8 30	0 44	11 0	1 51	21 33	12 17	23 9	23 6	23 35	11 11	6 54
M17	9 13	21 49	3 42	1 3	1 32	13 16	0 30	15 55	1 26	21 14	0 44	14 7	1 9	8 29	0 44	11 0	1 51	21 33	12 18	23 10	23 6	23 33	11 11	6 54
T 18	9 35	23 50	2 53	1 9	1 41	13 43	0 28	15 45	1 27	21 13	0 44	14 5	1 9	8 27	0 44	10 59	1 51	21 33	12 18	23 10	23 6	23 32	11 12	6 53
W19	9 57	24 42	1 58	1 20	1 49	14 9	0 25	15 35	1 28	21 12	0 44	14 4	1 10	8 26	0 45	10 59	1 51	21 33	12 18	23 11	23 7	23 31	11 12	6 53
T 20	10 19	24 25	0 57	1 35	1 55	14 35	0 23	15 24	1 29	21 11	0 44	14 2	1 10	8 25	0 45	10 58	1 51	21 32	12 19	23 11	23 7	23 30	11 13	6 52
F 21	10 40	23 1	0s 5	1 54	2 0	15 1	0 21	15 14	1 30	21 10	0 43	14 1	1 10	8 24	0 45	10 58	1 51	21 32	12 19	23 11	23 7	23 28	11 13	6 52
S 22	11 2	20 37	1 8	2 17	2 3	15 26	0 18	15 3	1 30	21 9	0 43	13 59	1 10	8 23	0 45	10 57	1 51	21 32	12 19	23 11	23 7	23 27	11 13	6 51
S 23	11 23	17 20	2 8	2 42	2 6	15 51	0 16	14 53	1 31	21 8	0 43	13 58	1 10	8 22	0 45	10 56	1 51	21 32	12 20	23 11	23 8	23 26	11 14	6 51
M24	11 44	13 17	3 3	3 11	2 7	16 15	0 13	14 42	1 32	21 7	0 43	13 57	1 11	8 21	0 45	10 56	1 51	21 32	12 20	23 11	23 8	23 25	11 14	6 50
T 25	12 5	8 38	3 50	3 42	2 7	16 39	0 11	14 32	1 33	21 6	0 43	13 55	1 11	8 20	0 45	10 55	1 51	21 32	12 20	23 11	23 8	23 23	11 15	6 50
W26	12 26	3 30	4 28	4 14	2 7	17 2	0 8	14 21	1 34	21 4	0 43	13 54	1 11	8 19	0 45	10 55	1 51	21 32	12 21	23 12	23 8	23 22	11 15	6 49
T 27	12 46	1s55	4 54	4 49	2 5	17 26	0 6	14 11	1 35	21 3	0 43	13 53	1 11	8 18	0 45	10 54	1 51	21 31	12 21	23 12	23 9	23 21	11 15	6 49
F 28	13 6	7 25	5 4	5 24	2 3	17 48	0 3	14 0	1 35	21 2	0 43	13 51	1 11	8 17	0 45	10 54	1 51	21 31	12 22	23 13	23 9	23 19	11 16	6 48
S 29	13 26	12 42	4 57	6 1	2 0	18 10	0 1	13 49	1 36	21 0	0 43	13 50	1 11	8 16	0 45	10 53	1 51	21 31	12 22	23 13	23 9	23 18	11 16	6 48
S 30	13 46	17 27	4 31	6 39	1 57	18 32	0s 2	13 39	1 37	20 59	0 43	13 49	1 12	8 15	0 45	10 52	1 51	21 31	12 22	23 14	23 9	23 17	11 16	6 47
M31	14s 6	21s16	3s48	7s17	1n53	18s53	0s 4	13n28	1n38	20s57	0s43	13n47	1n12	8n14	0n45	10n52	1s51	21n31	12n23	23s15	23s 9	23n16	11s17	6n47

Julian Day Number = 2346628.5, Delta T = 11.08 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'49, Lahiri = 19°50'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1712
geocentric

NOVEMBER 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 24	8♏42'04	3♐59	24♎48	25♏19	29♌16	29♑47	26♌40	10♍47	3°R11	4♍ 5	7°R46	9♑ 9	8♋40	9♒51	T 1
W 2	2 45 21	9°42'17	18°35	26°24	26°34	29°49	29°54	26°44	10°50	3♉ 9	4° 6	7♑42	9° 6	8°46	9°52	W 2
T 3	2 49 17	10°42'32	3♑ 7	28° 0	27°49	0♍21	0♒ 1	26°48	10°52	3° 8	4° 7	7°D41	9° 3	8°53	9°53	T 3
F 4	2 53 14	11°42'48	17°31	29°36	29° 4	0°54	0° 9	26°52	10°54	3° 6	4° 8	7°41	8°59	9° 0	9°54	F 4
S 5	2 57 10	12°43'06	1♒44	1♏13	0♐19	1°26	0°16	26°55	10°56	3° 4	4° 9	7°42	8°56	9° 6	9°55	S 5
S 6	3 1 7	13°43'25	15°43	2°50	1°34	1°58	0°24	26°59	10°59	3° 3	4°10	7°R42	8°53	9°13	9°56	S 6
M 7	3 5 4	14°43'45	29°30	4°27	2°48	2°30	0°32	27° 2	11° 1	3° 1	4°11	7°41	8°50	9°20	9°57	M 7
T 8	3 9 0	15°44'07	13♓ 5	6° 4	4° 3	3° 2	0°40	27° 6	11° 3	2°59	4°12	7°38	8°47	9°26	9°59	T 8
W 9	3 12 57	16°44'30	26°27	7°40	5°18	3°34	0°48	27° 9	11° 5	2°58	4°13	7°32	8°43	9°33	10° 0	W 9
T 10	3 16 53	17°44'55	9♈36	9°17	6°33	4° 5	0°56	27°12	11° 7	2°56	4°14	7°25	8°40	9°39	10° 1	T 10
F 11	3 20 50	18°45'21	22°34	10°54	7°48	4°37	1° 5	27°15	11° 9	2°54	4°15	7°16	8°37	9°46	10° 3	F 11
S 12	3 24 46	19°45'49	5♉18	12°31	9° 2	5° 8	1°13	27°18	11°11	2°53	4°15	7° 7	8°34	9°53	10° 5	S 12
S 13	3 28 43	20°46'18	17°51	14° 7	10°17	5°39	1°22	27°21	11°13	2°51	4°16	6°58	8°31	9°59	10° 6	S 13
M14	3 32 39	21°46'49	0♊10	15°43	11°32	6°10	1°31	27°24	11°15	2°50	4°17	6°51	8°28	10° 6	10° 8	M14
T 15	3 36 36	22°47'21	12°19	17°19	12°47	6°41	1°40	27°26	11°16	2°48	4°17	6°46	8°24	10°13	10°10	T 15
W16	3 40 33	23°47'55	24°17	18°55	14° 2	7°12	1°49	27°29	11°18	2°47	4°18	6°43	8°21	10°19	10°11	W16
T 17	3 44 29	24°48'31	6♋ 8	20°31	15°16	7°42	1°58	27°31	11°20	2°45	4°19	6°D42	8°18	10°26	10°13	T 17
F 18	3 48 26	25°49'08	17°55	22° 6	16°31	8°12	2° 8	27°34	11°21	2°44	4°19	6°43	8°15	10°33	10°15	F 18
S 19	3 52 22	26°49'47	29°42	23°41	17°46	8°43	2°17	27°36	11°23	2°42	4°20	6°44	8°12	10°39	10°17	S 19
S 20	3 56 19	27°50'28	11♌34	25°16	19° 1	9°13	2°27	27°38	11°24	2°41	4°20	6°46	8° 9	10°46	10°19	S 20
M21	4 0 15	28°51'10	23°34	26°51	20°16	9°43	2°37	27°40	11°26	2°39	4°21	6°R47	8° 5	10°53	10°22	M21
T 22	4 4 12	29°51'54	5♍50	28°26	21°30	10°12	2°46	27°42	11°27	2°38	4°21	6°47	8° 2	10°59	10°24	T 22
W23	4 8 8	0♐52'39	18°25	0♐ 1	22°45	10°42	2°56	27°44	11°29	2°36	4°22	6°46	7°59	11° 6	10°26	W23
T 24	4 12 5	1°53'26	1♎24	1°35	24° 0	11°11	3° 7	27°45	11°30	2°35	4°22	6°43	7°56	11°12	10°28	T 24
F 25	4 16 2	2°54'14	14°49	3°10	25°15	11°40	3°17	27°47	11°31	2°33	4°23	6°38	7°53	11°19	10°31	F 25
S 26	4 19 58	3°55'04	28°42	4°44	26°29	12° 9	3°27	27°48	11°33	2°32	4°23	6°33	7°49	11°26	10°33	S 26
S 27	4 23 55	4°55'56	13♏ 1	6°18	27°44	12°38	3°38	27°50	11°34	2°31	4°23	6°28	7°46	11°32	10°36	S 27
M28	4 27 51	5°56'48	27°41	7°52	28°59	13° 7	3°48	27°51	11°35	2°29	4°24	6°23	7°43	11°39	10°38	M28
T 29	4 31 48	6°57'42	12♐35	9°26	0♑14	13°35	3°59	27°52	11°36	2°28	4°24	6°20	7°40	11°46	10°41	T 29
W30	4 35 44	7♐58'37	27♐36	11♐ 1	1♑28	14♍ 3	4♒10	27♌53	11♍37	2♉27	4♍24	6♑19	7♑37	11♋52	10♒43	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s25	23s46	2s50	7s56	1n49	19s14	0s 7	13n17	1n39	20s56	0s43	13n46	1n12	8n14	0n45	10n51	1s51	21n31	12n23	23s15	23s10	23n14	11s17	6n46
W 2	14 45	24 39	1 40	8 35	1 44	19 34	0 9	13 7	1 40	20 54	0 43	13 45	1 12	8 13	0 45	10 51	1 51	21 31	12 24	23 15	23 10	23 13	11 17	6 46
T 3	15 4	23 51	0 24	9 14	1 39	19 54	0 12	12 56	1 41	20 53	0 43	13 44	1 12	8 12	0 45	10 50	1 51	21 31	12 24	23 15	23 10	23 12	11 17	6 45
F 4	15 22	21 27	0n53	9 53	1 33	20 13	0 14	12 45	1 42	20 51	0 43	13 43	1 13	8 11	0 45	10 50	1 51	21 31	12 24	23 15	23 10	23 10	11 17	6 45
S 5	15 41	17 46	2 6	10 33	1 28	20 31	0 17	12 35	1 42	20 49	0 43	13 42	1 13	8 10	0 45	10 49	1 51	21 31	12 25	23 15	23 11	23 9	11 18	6 44
S 6	15 59	13 8	3 10	11 11	1 22	20 49	0 19	12 24	1 43	20 48	0 43	13 41	1 13	8 9	0 45	10 48	1 51	21 31	12 25	23 15	23 11	23 8	11 18	6 44
M 7	16 17	7 53	4 2	11 50	1 16	21 7	0 22	12 13	1 44	20 46	0 43	13 40	1 13	8 9	0 45	10 48	1 51	21 31	12 26	23 15	23 11	23 6	11 18	6 43
T 8	16 35	2 21	4 40	12 28	1 9	21 23	0 24	12 2	1 45	20 44	0 43	13 39	1 14	8 8	0 45	10 47	1 51	21 31	12 26	23 15	23 11	23 5	11 18	6 43
W 9	16 52	3n12	5 1	13 6	1 3	21 40	0 27	11 52	1 46	20 42	0 43	13 38	1 14	8 7	0 45	10 47	1 51	21 31	12 27	23 16	23 11	23 4	11 18	6 42
T 10	17 9	8 31	5 7	13 43	0 56	21 55	0 29	11 41	1 47	20 41	0 43	13 37	1 14	8 6	0 45	10 46	1 51	21 31	12 27	23 16	23 12	23 2	11 18	6 42
F 11	17 26	13 22	4 56	14 20	0 50	22 10	0 32	11 30	1 48	20 39	0 43	13 36	1 14	8 6	0 45	10 46	1 51	21 31	12 27	23 17	23 12	23 1	11 18	6 41
S 12	17 42	17 34	4 31	14 56	0 43	22 24	0 34	11 20	1 49	20 37	0 43	13 35	1 14	8 5	0 45	10 45	1 51	21 32	12 28	23 17	23 12	22 59	11 18	6 41
S 13	17 58	20 54	3 53	15 31	0 36	22 38	0 37	11 9	1 50	20 35	0 43	13 35	1 15	8 4	0 45	10 45	1 51	21 32	12 28	23 18	23 12	22 58	11 18	6 40
M14	18 14	23 14	3 5	16 6	0 29	22 51	0 39	10 58	1 51	20 33	0 43	13 34	1 15	8 4	0 45	10 44	1 51	21 32	12 29	23 18	23 12	22 57	11 18	6 40
T 15	18 30	24 26	2 8	16 40	0 23	23 3	0 42	10 48	1 51	20 31	0 43	13 33	1 15	8 3	0 45	10 44	1 51	21 32	12 29	23 18	23 13	22 55	11 18	6 40
W16	18 45	24 28	1 7	17 13	0 16	23 15	0 44	10 37	1 52	20 29	0 43	13 33	1 15	8 2	0 46	10 43	1 51	21 32	12 30	23 18	23 13	22 54	11 18	6 39
T 17	19 0	23 23	0 3	17 46	0 9	23 26	0 47	10 27	1 53	20 27	0 43	13 32	1 15	8 2	0 46	10 43	1 51	21 32	12 30	23 18	23 13	22 52	11 18	6 39
F 18	19 15	21 16	1s 1	18 17	0 2	23 36	0 49	10 16	1 54	20 25	0 43	13 31	1 16	8 1	0 46	10 42	1 51	21 32	12 30	23 18	23 13	22 51	11 18	6 38
S 19	19 29	18 15	2 2	18 48	0s 4	23 46	0 51	10 6	1 55	20 22	0 43	13 31	1 16	8 1	0 46	10 42	1 51	21 33	12 31	23 18	23 13	22 50	11 18	6 38
S 20	19 43	14 29	2 59	19 18	0 11	23 55	0 54	9 55	1 56	20 20	0 43	13 30	1 16	8 0	0 46	10 41	1 51	21 33	12 31	23 18	23 14	22 48	11 18	6 37
M21	19 56	10 6	3 48	19 46	0 18	24 3	0 56	9 45	1 57	20 18	0 43	13 30	1 16	8 0	0 46	10 41	1 51	21 33	12 32	23 18	23 14	22 47	11 18	6 37
T 22	20 9	5 14	4 28	20 14	0 24	24 10	0 58	9 35	1 58	20 16	0 43	13 29	1 17	7 59	0 46	10 40	1 51	21 33	12 32	23 18	23 14	22 45	11 18	6 36
W23	20 22	0 2	4 57	20 41	0 31	24 17	1 0	9 24	1 59	20 13	0 43	13 29	1 17	7 59	0 46	10 40	1 51	21 34	12 33	23 18	23 14	22 44	11 18	6 36
T 24	20 34	5s19	5 11	21 7	0 37	24 23	1 3	9 14	2 0	20 11	0 43	13 29	1 17	7 58	0 46	10 39	1 51	21 34	12 33	23 18	23 14	22 43	11 17	6 35
F 25	20 46	10 36	5 9	21 32	0 44	24 28	1 5	9 4	2 1	20 9	0 43	13 28	1 17	7 58	0 46	10 39	1 51	21 34	12 34	23 19	23 15	22 41	11 17	6 35
S 26	20 58	15 32	4 50	21 56	0 50	24 33	1 7	8 54	2 2	20 6	0 43	13 28	1 17	7 57	0 46	10 38	1 51	21 34	12 34	23 19	23 15	22 40	11 17	6 35
S 27	21 9	19 46	4 12	22 19	0 56	24 36	1 9	8 43	2 3	20 4	0 43	13 28	1 18	7 57	0 46	10 38	1 50	21 35	12 34	23 19	23 15	22 38	11 17	6 34
M28	21 20	22 51	3 16	22 40	1 2	24 39	1 11	8 33	2 4	20 1	0 42	13 27	1 18	7 56	0 46	10 38	1 50	21 35	12 35	23 19	23 15	22 37	11 16	6 34
T 29	21 30	24 26	2 7	23 1	1 7	24 42	1 13	8 23	2 5	19 59	0 42	13 27	1 18	7 56	0 46	10 37	1 50	21 35	12 35	23 19	23 15	22 35	11 16	6 33
W30	21s40	24s15	0s48	23s20	1s13	24s43	1s15	8n13	2n 6	19s56	0s42	13n27	1n18	7n56	0n46	10n37	1s50	21n36	12n36	23s20	23s15	22n34	11s16	6n33

Julian Day Number = 2346659.5, Delta T = 11.06 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'53, Lahiri = 19°50'54Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1712
geocentric

DECEMBER 1712 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 41	8♐59'34	12♑33	12♐35	2♑43	14♍31	4♒21	27♌54	11♍38	2°R25	4♍24	6°D18	7♑34	11♋59	10♒46	T 1
F 2	4 43 38	10° 0'30	27°21	14° 9	3°58	14°59	4°32	27°55	11°39	2♉24	4°24	6♑19	7°30	12° 6	10°49	F 2
S 3	4 47 34	11° 1'28	11♒52	15°43	5°13	15°26	4°43	27°56	11°39	2°23	4°24	6°21	7°27	12°12	10°52	S 3
S 4	4 51 31	12° 2'26	26° 4	17°17	6°27	15°54	4°54	27°56	11°40	2°22	4°25	6°22	7°24	12°19	10°55	S 4
M 5	4 55 27	13° 3'25	9♓55	18°51	7°42	16°21	5° 5	27°57	11°41	2°20	4°25	6°R23	7°21	12°26	10°57	M 5
T 6	4 59 24	14° 4'25	23°25	20°25	8°57	16°48	5°17	27°57	11°42	2°19	4°R25	6°23	7°18	12°32	11° 0	T 6
W 7	5 3 20	15° 5'25	6♈37	21°59	10°11	17°14	5°28	27°57	11°42	2°18	4°25	6°21	7°15	12°39	11° 3	W 7
T 8	5 7 17	16° 6'25	19°31	23°34	11°26	17°41	5°40	27°57	11°43	2°17	4°25	6°19	7°11	12°46	11° 7	T 8
F 9	5 11 13	17° 7'26	2♉10	25° 8	12°41	18° 7	5°51	27°R57	11°43	2°16	4°25	6°16	7° 8	12°52	11°10	F 9
S 10	5 15 10	18° 8'28	14°36	26°42	13°55	18°33	6° 3	27°57	11°44	2°15	4°24	6°13	7° 5	12°59	11°13	S 10
S 11	5 19 7	19° 9'31	26°51	28°17	15°10	18°58	6°15	27°57	11°44	2°14	4°24	6°10	7° 2	13° 5	11°16	S 11
M12	5 23 3	20°10'34	8♊57	29°51	16°24	19°24	6°27	27°57	11°44	2°13	4°24	6° 8	6°59	13°12	11°19	M12
T 13	5 27 0	21°11'37	20°55	1♑25	17°39	19°49	6°39	27°56	11°45	2°12	4°24	6° 7	6°55	13°19	11°23	T 13
W14	5 30 56	22°12'42	2♋47	3° 0	18°53	20°14	6°51	27°56	11°45	2°11	4°24	6°D 6	6°52	13°25	11°26	W14
T 15	5 34 53	23°13'47	14°36	4°34	20° 8	20°38	7° 3	27°55	11°45	2°10	4°23	6° 6	6°49	13°32	11°29	T 15
F 16	5 38 49	24°14'52	26°23	6° 9	21°22	21° 3	7°15	27°54	11°45	2° 9	4°23	6° 7	6°46	13°39	11°33	F 16
S 17	5 42 46	25°15'59	8♌12	7°43	22°37	21°27	7°28	27°53	11°R45	2° 8	4°23	6° 8	6°43	13°45	11°36	S 17
S 18	5 46 42	26°17'05	20° 5	9°17	23°51	21°51	7°40	27°52	11°45	2° 7	4°22	6° 9	6°40	13°52	11°40	S 18
M19	5 50 39	27°18'13	2♍ 6	10°51	25° 6	22°14	7°53	27°51	11°45	2° 6	4°22	6°10	6°36	13°59	11°43	M19
T 20	5 54 36	28°19'21	14°20	12°24	26°20	22°37	8° 5	27°50	11°45	2° 6	4°22	6°11	6°33	14° 5	11°47	T 20
W21	5 58 32	29°20'30	26°51	13°57	27°35	23° 0	8°18	27°49	11°45	2° 5	4°21	6°R11	6°30	14°12	11°51	W21
T 22	6 2 29	0♑21'39	9♎43	15°30	28°49	23°23	8°31	27°47	11°44	2° 4	4°21	6°11	6°27	14°19	11°54	T 22
F 23	6 6 25	1°22'49	23° 0	17° 2	0♒ 3	23°45	8°43	27°46	11°44	2° 3	4°20	6°11	6°24	14°25	11°58	F 23
S 24	6 10 22	2°24'00	6♏44	18°33	1°18	24° 7	8°56	27°44	11°44	2° 3	4°20	6°10	6°21	14°32	12° 2	S 24
S 25	6 14 18	3°25'11	20°55	20° 3	2°32	24°28	9° 9	27°42	11°43	2° 2	4°19	6°10	6°17	14°39	12° 6	S 25
M26	6 18 15	4°26'22	5♐31	21°31	3°46	24°49	9°22	27°41	11°43	2° 2	4°19	6°10	6°14	14°45	12°10	M26
T 27	6 22 11	5°27'34	20°28	22°58	5° 1	25°10	9°35	27°39	11°42	2° 1	4°18	6° 9	6°11	14°52	12°13	T 27
W28	6 26 8	6°28'46	5♑38	24°23	6°15	25°31	9°48	27°37	11°42	2° 0	4°17	6° 9	6° 8	14°58	12°17	W28
T 29	6 30 5	7°29'59	20°52	25°46	7°29	25°51	10° 2	27°34	11°41	2° 0	4°17	6° 9	6° 5	15° 5	12°21	T 29
F 30	6 34 1	8°31'11	5♒59	27° 6	8°43	26°10	10°15	27°32	11°40	1°59	4°16	6° 9	6° 1	15°12	12°25	F 30
S 31	6 37 58	9♑32'22	20♒51	28♑23	9♒57	26♍30	10♒28	27♌30	11♍40	1♉59	4♍15	6♑ 9	5♑58	15♋18	12♒29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s50	22 s19	0n34	23 s38	1 s18	24 s44	1 s17	8n 4	2n 7	19 s53	0 s42	13n27	1n19	7n55	0n46	10n36	1 s50	21n36	12n36	23 s20	23 s16	22n32	11 s16	6n32
F 2	21 59	18 52	1 53	23 55	1 24	24 44	1 19	7 54	2 8	19 51	0 42	13 27	1 19	7 55	0 46	10 36	1 50	21 36	12 37	23 20	23 16	22 31	11 15	6 32
S 3	22 8	14 19	3 3	24 11	1 29	24 43	1 21	7 44	2 9	19 48	0 42	13 27	1 19	7 55	0 46	10 36	1 50	21 37	12 37	23 19	23 16	22 29	11 15	6 32
S 4	22 16	9 4	4 1	24 25	1 34	24 41	1 22	7 34	2 10	19 45	0 42	13 27	1 19	7 55	0 46	10 35	1 50	21 37	12 38	23 19	23 16	22 28	11 15	6 31
M 5	22 24	3 30	4 43	24 38	1 38	24 39	1 24	7 25	2 11	19 43	0 42	13 27	1 20	7 54	0 46	10 35	1 50	21 38	12 38	23 19	23 16	22 26	11 14	6 31
T 6	22 31	2n 5	5 7	24 50	1 43	24 36	1 26	7 15	2 12	19 40	0 42	13 27	1 20	7 54	0 46	10 34	1 50	21 38	12 39	23 19	23 17	22 25	11 14	6 30
W 7	22 38	7 27	5 15	25 1	1 47	24 32	1 27	7 6	2 14	19 37	0 42	13 27	1 20	7 54	0 46	10 34	1 50	21 38	12 39	23 19	23 17	22 23	11 13	6 30
T 8	22 45	12 23	5 7	25 10	1 51	24 28	1 29	6 57	2 15	19 34	0 42	13 27	1 20	7 54	0 46	10 34	1 50	21 39	12 39	23 20	23 17	22 22	11 13	6 30
F 9	22 51	16 41	4 44	25 18	1 54	24 22	1 30	6 47	2 16	19 31	0 42	13 28	1 20	7 54	0 47	10 33	1 50	21 39	12 40	23 20	23 17	22 20	11 12	6 29
S 10	22 57	20 11	4 8	25 24	1 58	24 16	1 32	6 38	2 17	19 28	0 42	13 28	1 21	7 54	0 47	10 33	1 50	21 40	12 40	23 20	23 17	22 19	11 12	6 29
S 11	23 2	22 44	3 21	25 29	2 1	24 9	1 33	6 29	2 18	19 25	0 42	13 28	1 21	7 53	0 47	10 33	1 50	21 40	12 41	23 20	23 17	22 17	11 11	6 29
M12	23 7	24 13	2 25	25 32	2 4	24 2	1 34	6 20	2 19	19 22	0 42	13 28	1 21	7 53	0 47	10 32	1 50	21 41	12 41	23 20	23 18	22 16	11 11	6 28
T 13	23 11	24 33	1 23	25 34	2 6	23 53	1 36	6 11	2 20	19 19	0 42	13 29	1 21	7 53	0 47	10 32	1 50	21 41	12 42	23 20	23 18	22 14	11 10	6 28
W14	23 15	23 45	0 18	25 35	2 8	23 44	1 37	6 2	2 21	19 16	0 42	13 29	1 22	7 53	0 47	10 32	1 50	21 42	12 42	23 20	23 18	22 13	11 10	6 28
T 15	23 18	21 54	0 s47	25 34	2 10	23 35	1 38	5 54	2 22	19 13	0 42	13 30	1 22	7 53	0 47	10 32	1 50	21 42	12 43	23 20	23 18	22 11	11 9	6 27
F 16	23 21	19 6	1 50	25 31	2 11	23 24	1 39	5 45	2 24	19 10	0 42	13 30	1 22	7 53	0 47	10 31	1 50	21 43	12 43	23 20	23 18	22 10	11 9	6 27
S 17	23 24	15 31	2 49	25 27	2 12	23 13	1 40	5 37	2 25	19 7	0 42	13 31	1 22	7 53	0 47	10 31	1 50	21 43	12 43	23 20	23 18	22 8	11 8	6 27
S 18	23 25	11 19	3 41	25 22	2 13	23 1	1 41	5 28	2 26	19 4	0 42	13 31	1 22	7 53	0 47	10 31	1 50	21 44	12 44	23 20	23 19	22 7	11 7	6 26
M19	23 27	6 38	4 24	25 14	2 13	22 49	1 42	5 20	2 27	19 1	0 42	13 32	1 23	7 53	0 47	10 31	1 49	21 44	12 44	23 20	23 19	22 5	11 7	6 26
T 20	23 28	1 38	4 55	25 6	2 12	22 36	1 42	5 12	2 28	18 57	0 42	13 32	1 23	7 54	0 47	10 30	1 49	21 45	12 45	23 20	23 19	22 3	11 6	6 26
W21	23 29	3 s33	5 14	24 55	2 11	22 22	1 43	5 4	2 29	18 54	0 42	13 33	1 23	7 54	0 47	10 30	1 49	21 45	12 45	23 20	23 19	22 2	11 5	6 25
T 22	23 29	8 43	5 17	24 44	2 10	22 7	1 44	4 56	2 31	18 51	0 42	13 34	1 23	7 54	0 47	10 30	1 49	21 46	12 46	23 20	23 19	22 0	11 5	6 25
F 23	23 28	13 40	5 5	24 30	2 8	21 52	1 44	4 49	2 32	18 47	0 42	13 35	1 24	7 54	0 47	10 30	1 49	21 46	12 46	23 20	23 19	21 59	11 4	6 25
S 24	23 27	18 5	4 34	24 15	2 5	21 36	1 45	4 41	2 33	18 44	0 42	13 35	1 24	7 54	0 47	10 30	1 49	21 47	12 46	23 20	23 19	21 57	11 3	6 24
S 25	23 26	21 39	3 46	23 59	2 1	21 20	1 45	4 34	2 34	18 41	0 42	13 36	1 24	7 54	0 47	10 29	1 49	21 48	12 47	23 20	23 20	21 56	11 2	6 24
M26	23 24	23 55	2 42	23 41	1 57	21 3	1 46	4 26	2 36	18 37	0 43	13 37	1 24	7 55	0 47	10 29	1 49	21 48	12 47	23 20	23 20	21 54	11 2	6 24
T 27	23 22	24 34	1 26	23 22	1 52	20 45	1 46	4 19	2 37	18 34	0 43	13 38	1 24	7 55	0 47	10 29	1 49	21 49	12 48	23 20	23 20	21 52	11 1	6 23
W28	23 19	23 24	0 3	23 1	1 47	20 27	1 46	4 12	2 38	18 30	0 43	13 39	1 25	7 55	0 47	10 29	1 49	21 49	12 48	23 20	23 20	21 51	11 0	6 23
T 29	23 16	20 31	1n21	22 40	1 40	20 8	1 46	4 5	2 39	18 27	0 43	13 40	1 25	7 55	0 47	10 29	1 49	21 50	12 48	23 20	23 20	21 49	10 59	6 23
F 30	23 12	16 15	2 39	22 17	1 33	19 49	1 46	3 59	2 41	18 23	0 43	13 41	1 25	7 56	0 47	10 29	1 49	21 51	12 49	23 20	23 20	21 48	10 58	6 23
S 31	23 s 8	11 s 1	3n44	21 s54	1 s24	19 s29	1 s46	3n52	2n42	18 s20	0 s43	13n42	1n25	7n56	0n47	10n29	1 s49	21n51	12n49	23 s20	23 s21	21n46	10 s58	6n22

Julian Day Number = 2346689.5, Delta T = 11.05 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°43'58, Lahiri = 19°50'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

JANUARY 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 54	10♉33'34	5♓22	29♉36	11♒12	26♍49	10♒41	27°R27	11°R39	1°R59	4°R15	6°R 9	5♉55	15♋25	12♒33	S 1
M 2	6 45 51	11°34'45	19°27	0♒45	12°26	27° 7	10°55	27♌25	11♍38	1♉58	4♍14	6♉ 8	5°52	15°32	12°37	M 2
T 3	6 49 47	12°35'56	3♈ 5	1°48	13°40	27°25	11° 8	27°22	11°37	1°58	4°13	6° 8	5°49	15°38	12°41	T 3
W 4	6 53 44	13°37'06	16°18	2°45	14°54	27°43	11°22	27°19	11°36	1°58	4°12	6°D 8	5°46	15°45	12°46	W 4
T 5	6 57 40	14°38'16	29° 8	3°36	16° 8	28° 0	11°35	27°16	11°35	1°57	4°11	6° 8	5°42	15°52	12°50	T 5
F 6	7 1 37	15°39'25	11♉39	4°19	17°22	28°17	11°49	27°13	11°34	1°57	4°10	6° 9	5°39	15°58	12°54	F 6
S 7	7 5 34	16°40'34	23°54	4°54	18°36	28°33	12° 3	27°10	11°33	1°57	4° 9	6°10	5°36	16° 5	12°58	S 7
S 8	7 9 30	17°41'42	5♊58	5°19	19°50	28°49	12°16	27° 7	11°32	1°57	4° 8	6°11	5°33	16°12	13° 2	S 8
M 9	7 13 27	18°42'50	17°53	5°33	21° 3	29° 5	12°30	27° 4	11°30	1°57	4° 8	6°12	5°30	16°18	13° 7	M 9
T 10	7 17 23	19°43'57	29°43	5°R37	22°17	29°20	12°44	27° 1	11°29	1°57	4° 7	6°12	5°27	16°25	13°11	T 10
W11	7 21 20	20°45'03	11♋31	5°29	23°31	29°34	12°58	26°57	11°28	1°57	4° 6	6°R12	5°23	16°32	13°15	W11
T 12	7 25 16	21°46'10	23°19	5°10	24°45	29°48	13°12	26°54	11°26	1°D57	4° 4	6°12	5°20	16°38	13°20	T 12
F 13	7 29 13	22°47'15	5♌ 9	4°39	25°58	0♎ 2	13°25	26°51	11°25	1°57	4° 3	6°10	5°17	16°45	13°24	F 13
S 14	7 33 10	23°48'20	17° 3	3°56	27°12	0°15	13°39	26°47	11°24	1°57	4° 2	6° 8	5°14	16°51	13°28	S 14
S 15	7 37 6	24°49'25	29° 3	3° 3	28°25	0°27	13°53	26°43	11°22	1°57	4° 1	6° 5	5°11	16°58	13°33	S 15
M16	7 41 3	25°50'29	11♍12	2° 2	29°39	0°39	14° 7	26°39	11°21	1°57	4° 0	6° 1	5° 7	17° 5	13°37	M16
T 17	7 44 59	26°51'32	23°31	0°53	0♓52	0°50	14°21	26°36	11°19	1°57	3°59	5°58	5° 4	17°11	13°41	T 17
W18	7 48 56	27°52'36	6♎ 4	29♉40	2° 6	1° 1	14°35	26°32	11°17	1°57	3°58	5°56	5° 1	17°18	13°46	W18
T 19	7 52 52	28°53'38	18°54	28°23	3°19	1°11	14°50	26°28	11°16	1°57	3°57	5°54	4°58	17°25	13°50	T 19
F 20	7 56 49	29°54'40	2♏ 3	27° 6	4°32	1°21	15° 4	26°24	11°14	1°58	3°55	5°D54	4°55	17°31	13°55	F 20
S 21	8 0 45	0♒55'42	15°35	25°51	5°46	1°30	15°18	26°20	11°12	1°58	3°54	5°55	4°52	17°38	13°59	S 21
S 22	8 4 42	1°56'43	29°31	24°40	6°59	1°38	15°32	26°15	11°10	1°58	3°53	5°56	4°48	17°45	14° 4	S 22
M23	8 8 38	2°57'44	13♐51	23°35	8°12	1°46	15°46	26°11	11° 8	1°59	3°52	5°57	4°45	17°51	14° 8	M23
T 24	8 12 35	3°58'44	28°34	22°36	9°25	1°53	16° 0	26° 7	11° 7	1°59	3°50	5°R59	4°42	17°58	14°13	T 24
W25	8 16 32	4°59'44	13♉34	21°46	10°38	2° 0	16°15	26° 3	11° 5	1°59	3°49	5°59	4°39	18° 5	14°17	W25
T 26	8 20 28	6° 0'42	28°44	21° 3	11°51	2° 6	16°29	25°58	11° 3	2° 0	3°48	5°57	4°36	18°11	14°22	T 26
F 27	8 24 25	7° 1'40	13♒55	20°30	13° 4	2°11	16°43	25°54	11° 1	2° 0	3°46	5°54	4°33	18°18	14°26	F 27
S 28	8 28 21	8° 2'36	28°56	20° 5	14°16	2°15	16°58	25°49	10°59	2° 1	3°45	5°50	4°29	18°25	14°31	S 28
S 29	8 32 18	9° 3'31	13♓39	19°49	15°29	2°19	17°12	25°45	10°57	2° 2	3°44	5°44	4°26	18°31	14°35	S 29
M30	8 36 14	10° 4'25	27°58	19°41	16°42	2°22	17°26	25°40	10°54	2° 2	3°42	5°39	4°23	18°38	14°40	M30
T 31	8 40 11	11♒ 5'17	11♈48	19°D41	17♓54	2♎25	17♒41	25♌36	10♍52	2♉ 3	3♍41	5♉35	4♉20	18♋45	14♒44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	5s19	4n33	21s29	1s15	19s 8	1s46	3n46	2n43	18s16	0s43	13n43	1n26	7n56	0n48	10n29	1s49	21n52	12n50	23s20	23s21	21n44	10s57	6n22
M 2	22 58	0n29	5 5	21 4	1 5	18 47	1 46	3 40	2 45	18 12	0 43	13 44	1 26	7 57	0 48	10 29	1 49	21 53	12 50	23 20	23 21	21 43	10 56	6 22
T 3	22 53	6 5	5 18	20 39	0 53	18 26	1 45	3 34	2 46	18 9	0 43	13 45	1 26	7 57	0 48	10 29	1 49	21 53	12 50	23 20	23 21	21 41	10 55	6 22
W 4	22 47	11 14	5 13	20 14	0 41	18 4	1 45	3 28	2 47	18 5	0 43	13 46	1 26	7 57	0 48	10 28	1 49	21 54	12 51	23 20	23 21	21 39	10 54	6 21
T 5	22 40	15 45	4 53	19 49	0 27	17 41	1 45	3 22	2 49	18 1	0 43	13 47	1 26	7 58	0 48	10 28	1 49	21 55	12 51	23 20	23 21	21 38	10 53	6 21
F 6	22 33	19 27	4 19	19 25	0 13	17 18	1 44	3 17	2 50	17 57	0 43	13 49	1 27	7 58	0 48	10 28	1 48	21 55	12 52	23 20	23 21	21 36	10 52	6 21
S 7	22 26	22 14	3 34	19 1	0n 3	16 55	1 43	3 12	2 51	17 54	0 43	13 50	1 27	7 59	0 48	10 28	1 48	21 56	12 52	23 20	23 21	21 34	10 51	6 21
S 8	22 18	23 58	2 40	18 39	0 20	16 31	1 43	3 6	2 53	17 50	0 43	13 51	1 27	7 59	0 48	10 28	1 48	21 57	12 52	23 20	23 22	21 33	10 50	6 21
M 9	22 10	24 35	1 40	18 19	0 37	16 7	1 42	3 2	2 54	17 46	0 43	13 52	1 27	8 0	0 48	10 28	1 48	21 57	12 53	23 20	23 22	21 31	10 49	6 20
T 10	22 1	24 5	0 36	18 0	0 55	15 42	1 41	2 57	2 55	17 42	0 43	13 54	1 27	8 0	0 48	10 28	1 48	21 58	12 53	23 20	23 22	21 29	10 48	6 20
W11	21 52	22 29	0s29	17 44	1 14	15 17	1 40	2 52	2 57	17 38	0 43	13 55	1 28	8 1	0 48	10 29	1 48	21 59	12 53	23 20	23 22	21 28	10 47	6 20
T 12	21 43	19 55	1 33	17 31	1 32	14 51	1 39	2 48	2 58	17 34	0 43	13 56	1 28	8 1	0 48	10 29	1 48	22 0	12 54	23 20	23 22	21 26	10 46	6 20
F 13	21 33	16 31	2 34	17 20	1 51	14 25	1 38	2 44	2 59	17 30	0 43	13 58	1 28	8 2	0 48	10 29	1 48	22 0	12 54	23 20	23 22	21 24	10 45	6 20
S 14	21 23	12 27	3 27	17 13	2 9	13 59	1 37	2 40	3 1	17 26	0 43	13 59	1 28	8 3	0 48	10 29	1 48	22 1	12 54	23 20	23 22	21 23	10 44	6 19
S 15	21 12	7 53	4 12	17 8	2 26	13 32	1 35	2 36	3 2	17 22	0 43	14 1	1 28	8 3	0 48	10 29	1 48	22 2	12 55	23 20	23 23	21 21	10 43	6 19
M16	21 1	2 58	4 46	17 6	2 42	13 5	1 34	2 33	3 4	17 18	0 43	14 2	1 28	8 4	0 48	10 29	1 48	22 2	12 55	23 20	23 23	21 19	10 42	6 19
T 17	20 49	2s 8	5 8	17 7	2 57	12 37	1 32	2 30	3 5	17 14	0 43	14 4	1 29	8 4	0 48	10 29	1 48	22 3	12 55	23 21	23 23	21 18	10 41	6 19
W18	20 37	7 14	5 15	17 11	3 9	12 10	1 31	2 27	3 7	17 10	0 43	14 5	1 29	8 5	0 48	10 29	1 48	22 4	12 56	23 21	23 23	21 16	10 40	6 19
T 19	20 25	12 9	5 7	17 16	3 19	11 42	1 29	2 24	3 8	17 6	0 43	14 7	1 29	8 6	0 48	10 29	1 48	22 5	12 56	23 21	23 23	21 14	10 39	6 19
F 20	20 12	16 38	4 43	17 24	3 26	11 13	1 28	2 21	3 9	17 2	0 43	14 8	1 29	8 6	0 48	10 29	1 48	22 5	12 56	23 21	23 23	21 13	10 38	6 19
S 21	19 59	20 24	4 3	17 33	3 31	10 45	1 26	2 19	3 11	16 58	0 43	14 10	1 29	8 7	0 48	10 30	1 48	22 6	12 57	23 21	23 23	21 11	10 37	6 18
S 22	19 45	23 8	3 7	17 43	3 34	10 16	1 24	2 17	3 12	16 54	0 43	14 11	1 30	8 8	0 48	10 30	1 47	22 7	12 57	23 21	23 23	21 9	10 36	6 18
M23	19 32	24 28	1 59	17 54	3 34	9 47	1 22	2 15	3 14	16 49	0 43	14 13	1 30	8 9	0 48	10 30	1 47	22 7	12 57	23 21	23 23	21 7	10 34	6 18
T 24	19 17	24 9	0 41	18 5	3 32	9 17	1 20	2 14	3 15	16 45	0 43	14 14	1 30	8 9	0 48	10 30	1 47	22 8	12 57	23 20	23 24	21 6	10 33	6 18
W25	19 3	22 6	0n42	18 17	3 28	8 48	1 18	2 13	3 16	16 41	0 44	14 16	1 30	8 10	0 48	10 30	1 47	22 9	12 58	23 20	23 24	21 4	10 32	6 18
T 26	18 48	18 28	2 2	18 29	3 22	8 18	1 16	2 11	3 18	16 37	0 44	14 18	1 30	8 11	0 48	10 31	1 47	22 10	12 58	23 21	23 24	21 2	10 31	6 18
F 27	18 33	13 36	3 13	18 42	3 15	7 48	1 13	2 11	3 19	16 33	0 44	14 19	1 30	8 12	0 48	10 31	1 47	22 10	12 58	23 21	23 24	21 1	10 30	6 18
S 28	18 17	7 57	4 10	18 53	3 7	7 17	1 11	2 10	3 21	16 28	0 44	14 21	1 30	8 12	0 48	10 31	1 47	22 11	12 58	23 21	23 24	20 59	10 28	6 18
S 29	18 1	1 59	4 50	19 5	2 58	6 47	1 9	2 10	3 22	16 24	0 44	14 23	1 31	8 13	0 48	10 31	1 47	22 12	12 59	23 21	23 24	20 57	10 27	6 18
M30	17 45	3n55	5 9	19 16	2 48	6 16	1 6	2 10	3 24	16 20	0 44	14 24	1 31	8 14	0 49	10 32	1 47	22 13	12 59	23 21	23 24	20 55	10 26	6 18
T 31	17s28	9n26	5n10	19s26	2n37	5s46	1s 4	2n10	3n25	16s15	0s44	14n26	1n31	8n15	0n49	10n32	1s47	22n13	12n59	23s22	23s24	20n54	10s25	6n18

Julian Day Number = 2346720.5, Delta T = 11.04 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'02, Lahiri = 19°51'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

FEBRUARY 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 8	12♒ 6'08	25♈ 9	19♉48	19♓ 7	2♎26	17♒55	25°R31	10°R50	2♉ 3	3°R40	5°R32	4♉17	18♋51	14♒49	W 1
T 2	8 48 4	13° 6'58	8♉ 4	20° 2	20°19	2°27	18° 9	25♌26	10♍48	2° 4	3♍38	5°D30	4°13	18°58	14°53	T 2
F 3	8 52 1	14° 7'46	20°35	20°22	21°32	2°R28	18°24	25°22	10°46	2° 5	3°37	5♉30	4°10	19° 4	14°58	F 3
S 4	8 55 57	15° 8'32	2♊48	20°48	22°44	2°27	18°38	25°17	10°43	2° 6	3°35	5°32	4° 7	19°11	15° 3	S 4
S 5	8 59 54	16° 9'17	14°47	21°20	23°56	2°26	18°53	25°12	10°41	2° 6	3°34	5°33	4° 4	19°18	15° 7	S 5
M 6	9 3 50	17°10'01	26°38	21°56	25° 8	2°24	19° 7	25° 7	10°39	2° 7	3°32	5°35	4° 1	19°24	15°12	M 6
T 7	9 7 47	18°10'43	8♋25	22°37	26°20	2°21	19°21	25° 2	10°37	2° 8	3°31	5°R35	3°58	19°31	15°16	T 7
W 8	9 11 43	19°11'23	20°11	23°22	27°32	2°18	19°36	24°58	10°34	2° 9	3°29	5°34	3°54	19°38	15°21	W 8
T 9	9 15 40	20°12'02	2♌ 1	24°11	28°44	2°13	19°50	24°53	10°32	2°10	3°28	5°30	3°51	19°44	15°25	T 9
F 10	9 19 37	21°12'39	13°57	25° 3	29°56	2° 8	20° 5	24°48	10°29	2°11	3°26	5°25	3°48	19°51	15°30	F 10
S 11	9 23 33	22°13'15	26° 0	25°59	1♈ 7	2° 2	20°19	24°43	10°27	2°12	3°25	5°17	3°45	19°58	15°34	S 11
S 12	9 27 30	23°13'49	8♍12	26°57	2°19	1°56	20°33	24°38	10°24	2°13	3°23	5° 8	3°42	20° 4	15°39	S 12
M13	9 31 26	24°14'22	20°34	27°58	3°30	1°48	20°48	24°33	10°22	2°14	3°22	4°59	3°39	20°11	15°43	M13
T 14	9 35 23	25°14'53	3♎ 7	29° 2	4°41	1°40	21° 2	24°29	10°19	2°15	3°20	4°49	3°35	20°18	15°48	T 14
W15	9 39 19	26°15'23	15°51	0♒ 8	5°52	1°31	21°16	24°24	10°17	2°16	3°19	4°42	3°32	20°24	15°52	W15
T 16	9 43 16	27°15'52	28°49	1°16	7° 4	1°21	21°31	24°19	10°14	2°17	3°17	4°36	3°29	20°31	15°57	T 16
F 17	9 47 12	28°16'19	12♏ 1	2°26	8°15	1°11	21°45	24°14	10°12	2°19	3°16	4°32	3°26	20°38	16° 1	F 17
S 18	9 51 9	29°16'45	25°28	3°39	9°25	1° 0	22° 0	24° 9	10° 9	2°20	3°14	4°D31	3°23	20°44	16° 6	S 18
S 19	9 55 5	0♓17'09	9♐14	4°53	10°36	0°47	22°14	24° 4	10° 7	2°21	3°13	4°31	3°19	20°51	16°10	S 19
M20	9 59 2	1°17'33	23°17	6° 8	11°47	0°35	22°28	23°59	10° 4	2°22	3°11	4°32	3°16	20°58	16°15	M20
T 21	10 2 59	2°17'55	7♑40	7°25	12°57	0°21	22°43	23°55	10° 2	2°24	3°10	4°R32	3°13	21° 4	16°19	T 21
W22	10 6 55	3°18'15	22°18	8°44	14° 8	0° 7	22°57	23°50	9°59	2°25	3° 8	4°31	3°10	21°11	16°23	W22
T 23	10 10 52	4°18'34	7♒ 8	10° 4	15°18	29♍52	23°11	23°45	9°56	2°26	3° 7	4°27	3° 7	21°17	16°28	T 23
F 24	10 14 48	5°18'51	22° 3	11°26	16°28	29°36	23°25	23°40	9°54	2°28	3° 5	4°21	3° 4	21°24	16°32	F 24
S 25	10 18 45	6°19'07	6♓55	12°49	17°38	29°19	23°40	23°36	9°51	2°29	3° 3	4°12	3° 0	21°31	16°36	S 25
S 26	10 22 41	7°19'20	21°35	14°14	18°48	29° 2	23°54	23°31	9°49	2°31	3° 2	4° 2	2°57	21°37	16°41	S 26
M27	10 26 38	8°19'32	5♈55	15°39	19°57	28°45	24° 8	23°26	9°46	2°32	3° 0	3°51	2°54	21°44	16°45	M27
T 28	10 30 34	9♓19'42	19♈49	17♒ 6	21♈ 7	28♍26	24♒22	23♌22	9♍43	2♉34	2♍59	3♉42	2♉51	21♋51	16♒49	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s12	14n19	4n54	19s36	2n26	5s15	1s 1	2n11	3n26	16s11	0s44	14n28	1n31	8n16	0n49	10n32	1s47	22n14	12n59	23s22	23s24	20n52	10s24	6n17
T 2	16 54	18 22	4 24	19 46	2 15	4 44	0 58	2 12	3 28	16 7	0 44	14 29	1 31	8 17	0 49	10 32	1 47	22 15	13 0	23 22	23 25	20 50	10 22	6 17
F 3	16 37	21 28	3 41	19 54	2 3	4 13	0 55	2 13	3 29	16 2	0 44	14 31	1 31	8 18	0 49	10 33	1 47	22 16	13 0	23 22	23 25	20 48	10 21	6 17
S 4	16 19	23 31	2 49	20 2	1 52	3 42	0 53	2 14	3 30	15 58	0 44	14 33	1 31	8 18	0 49	10 33	1 47	22 16	13 0	23 22	23 25	20 46	10 20	6 17
S 5	16 1	24 27	1 51	20 8	1 40	3 10	0 50	2 16	3 32	15 53	0 44	14 35	1 31	8 19	0 49	10 33	1 47	22 17	13 0	23 22	23 25	20 45	10 19	6 17
M 6	15 43	24 15	0 49	20 14	1 28	2 39	0 47	2 18	3 33	15 49	0 44	14 36	1 32	8 20	0 49	10 34	1 47	22 18	13 0	23 22	23 25	20 43	10 17	6 17
T 7	15 24	22 57	0s15	20 19	1 17	2 7	0 43	2 20	3 34	15 45	0 44	14 38	1 32	8 21	0 49	10 34	1 47	22 19	13 1	23 22	23 25	20 41	10 16	6 17
W 8	15 5	20 40	1 18	20 22	1 6	1 36	0 40	2 23	3 35	15 40	0 44	14 40	1 32	8 22	0 49	10 34	1 46	22 19	13 1	23 22	23 25	20 39	10 15	6 17
T 9	14 46	17 30	2 18	20 25	0 55	1 4	0 37	2 26	3 37	15 36	0 45	14 42	1 32	8 23	0 49	10 35	1 46	22 20	13 1	23 22	23 25	20 38	10 13	6 17
F 10	14 27	13 36	3 12	20 26	0 44	0 33	0 34	2 29	3 38	15 31	0 45	14 43	1 32	8 24	0 49	10 35	1 46	22 21	13 1	23 22	23 25	20 36	10 12	6 17
S 11	14 8	9 8	3 58	20 26	0 33	0 1	0 31	2 32	3 39	15 27	0 45	14 45	1 32	8 25	0 49	10 36	1 46	22 21	13 1	23 22	23 25	20 34	10 11	6 17
S 12	13 48	4 16	4 34	20 26	0 23	0n30	0 27	2 36	3 40	15 22	0 45	14 47	1 32	8 26	0 49	10 36	1 46	22 22	13 1	23 23	23 26	20 32	10 9	6 17
M13	13 28	0s49	4 57	20 24	0 13	1 2	0 24	2 40	3 41	15 18	0 45	14 48	1 32	8 27	0 49	10 36	1 46	22 23	13 2	23 23	23 26	20 30	10 8	6 17
T 14	13 8	5 56	5 7	20 20	0 3	1 33	0 20	2 44	3 42	15 13	0 45	14 50	1 32	8 28	0 49	10 37	1 46	22 23	13 2	23 23	23 26	20 28	10 7	6 17
W15	12 47	10 52	5 1	20 16	0s 7	2 5	0 17	2 49	3 43	15 8	0 45	14 52	1 33	8 29	0 49	10 37	1 46	22 24	13 2	23 24	23 26	20 27	10 6	6 17
T 16	12 26	15 26	4 40	20 10	0 16	2 36	0 13	2 53	3 44	15 4	0 45	14 54	1 33	8 30	0 49	10 38	1 46	22 25	13 2	23 24	23 26	20 25	10 4	6 17
F 17	12 6	19 20	4 4	20 3	0 25	3 8	0 9	2 58	3 45	14 59	0 45	14 55	1 33	8 31	0 49	10 38	1 46	22 26	13 2	23 24	23 26	20 23	10 3	6 17
S 18	11 45	22 18	3 14	19 55	0 33	3 39	0 6	3 4	3 46	14 55	0 45	14 57	1 33	8 32	0 49	10 39	1 46	22 26	13 2	23 24	23 26	20 21	10 2	6 18
S 19	11 23	24 2	2 12	19 45	0 42	4 10	0 2	3 9	3 47	14 50	0 45	14 59	1 33	8 33	0 49	10 39	1 46	22 27	13 2	23 24	23 26	20 19	10 0	6 18
M20	11 2	24 18	1 0	19 34	0 50	4 42	0n 2	3 15	3 48	14 46	0 45	15 0	1 33	8 34	0 49	10 40	1 46	22 28	13 2	23 24	23 26	20 17	9 59	6 18
T 21	10 40	22 59	0n17	19 22	0 57	5 13	0 6	3 21	3 49	14 41	0 45	15 2	1 33	8 35	0 49	10 40	1 46	22 28	13 2	23 24	23 26	20 16	9 57	6 18
W22	10 19	20 5	1 34	19 9	1 5	5 44	0 10	3 28	3 49	14 36	0 46	15 4	1 33	8 36	0 49	10 41	1 46	22 29	13 3	23 24	23 26	20 14	9 56	6 18
T 23	9 57	15 51	2 45	18 54	1 12	6 15	0 14	3 34	3 50	14 32	0 46	15 5	1 33	8 36	0 49	10 41	1 46	22 29	13 3	23 24	23 26	20 12	9 55	6 18
F 24	9 35	10 37	3 46	18 38	1 18	6 45	0 18	3 41	3 50	14 27	0 46	15 7	1 33	8 37	0 49	10 42	1 46	22 30	13 3	23 24	23 26	20 10	9 53	6 18
S 25	9 12	4 48	4 30	18 21	1 25	7 16	0 22	3 48	3 51	14 23	0 46	15 8	1 33	8 38	0 49	10 42	1 46	22 31	13 3	23 25	23 27	20 8	9 52	6 18
S 26	8 50	1n12	4 57	18 2	1 31	7 46	0 26	3 55	3 51	14 18	0 46	15 10	1 33	8 39	0 49	10 43	1 45	22 31	13 3	23 25	23 27	20 6	9 51	6 18
M27	8 28	6 59	5 3	17 42	1 36	8 17	0 30	4 2	3 52	14 13	0 46	15 12	1 33	8 40	0 49	10 43	1 45	22 32	13 3	23 25	23 27	20 4	9 49	6 18
T 28	8s 5	12n16	4n52	17s21	1s41	8n47	0n34	4n10	3n52	14s 9	0s46	15n13	1n33	8n41	0n49	10n44	1s45	22n33	13n 3	23s26	23s27	20n 3	9s48	6n18

Julian Day Number = 2346751.5, Delta T = 11.03 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'06, Lahiri = 19°51'07Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

MARCH 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 31	10♓19'50	3♉16	18♒34	22♈16	28°R 7	24♒36	23°R17	9°R41	2♉35	2°R57	3°R34	2♏48	21♋57	16♒54	W 1
T 2	10 38 28	11°19'55	16°16	20° 4	23°26	27♍48	24°51	23♌13	9♍38	2°37	2♍56	3♏29	2°44	22° 4	16°58	T 2
F 3	10 42 24	12°19'59	28°51	21°34	24°35	27°28	25° 5	23° 8	9°35	2°38	2°54	3°26	2°41	22°11	17° 2	F 3
S 4	10 46 21	13°20'00	11♊ 7	23° 6	25°44	27° 7	25°19	23° 4	9°33	2°40	2°53	3°D25	2°38	22°17	17° 6	S 4
S 5	10 50 17	14°20'00	23° 7	24°39	26°53	26°46	25°33	22°59	9°30	2°41	2°51	3°25	2°35	22°24	17°10	S 5
M 6	10 54 14	15°19'57	4♋58	26°13	28° 1	26°25	25°47	22°55	9°28	2°43	2°50	3°R25	2°32	22°31	17°15	M 6
T 7	10 58 10	16°19'51	16°45	27°48	29°10	26° 3	26° 1	22°51	9°25	2°45	2°48	3°25	2°29	22°37	17°19	T 7
W 8	11 2 7	17°19'44	28°33	29°24	0♉18	25°41	26°15	22°47	9°22	2°46	2°47	3°22	2°25	22°44	17°23	W 8
T 9	11 6 3	18°19'35	10♌26	1♓ 2	1°26	25°18	26°29	22°42	9°20	2°48	2°45	3°16	2°22	22°51	17°27	T 9
F 10	11 10 0	19°19'23	22°28	2°40	2°34	24°55	26°43	22°38	9°17	2°50	2°44	3° 8	2°19	22°57	17°31	F 10
S 11	11 13 57	20°19'09	4♍42	4°20	3°42	24°32	26°56	22°34	9°15	2°52	2°42	2°57	2°16	23° 4	17°35	S 11
S 12	11 17 53	21°18'53	17° 8	6° 1	4°49	24° 9	27°10	22°30	9°12	2°53	2°41	2°45	2°13	23°11	17°39	S 12
M13	11 21 50	22°18'35	29°47	7°44	5°56	23°46	27°24	22°27	9°10	2°55	2°39	2°31	2°10	23°17	17°43	M13
T 14	11 25 46	23°18'15	12♎39	9°27	7° 4	23°22	27°38	22°23	9° 7	2°57	2°38	2°18	2° 6	23°24	17°47	T 14
W15	11 29 43	24°17'53	25°43	11°12	8°11	22°59	27°51	22°19	9° 5	2°59	2°36	2° 7	2° 3	23°31	17°50	W15
T 16	11 33 39	25°17'30	8♏59	12°58	9°17	22°36	28° 5	22°15	9° 2	3° 1	2°35	1°58	2° 0	23°37	17°54	T 16
F 17	11 37 36	26°17'04	22°25	14°45	10°24	22°12	28°18	22°12	9° 0	3° 3	2°34	1°52	1°57	23°44	17°58	F 17
S 18	11 41 32	27°16'37	6♐ 1	16°34	11°30	21°49	28°32	22° 8	8°57	3° 5	2°32	1°48	1°54	23°50	18° 2	S 18
S 19	11 45 29	28°16'08	19°48	18°23	12°36	21°25	28°46	22° 5	8°55	3° 6	2°31	1°47	1°50	23°57	18° 6	S 19
M20	11 49 26	29°15'37	3♑46	20°15	13°42	21° 2	28°59	22° 1	8°52	3° 8	2°30	1°47	1°47	24° 4	18° 9	M20
T 21	11 53 22	0♈15'05	17°54	22° 7	14°47	20°39	29°12	21°58	8°50	3°10	2°28	1°47	1°44	24°10	18°13	T 21
W22	11 57 19	1°14'31	2♒13	24° 1	15°53	20°17	29°26	21°55	8°47	3°12	2°27	1°45	1°41	24°17	18°17	W22
T 23	12 1 15	2°13'55	16°39	25°56	16°58	19°54	29°39	21°52	8°45	3°14	2°26	1°40	1°38	24°24	18°20	T 23
F 24	12 5 12	3°13'17	1♓ 9	27°52	18° 3	19°32	29°52	21°49	8°43	3°16	2°24	1°33	1°35	24°30	18°24	F 24
S 25	12 9 8	4°12'37	15°36	29°49	19° 7	19°10	0♓ 5	21°46	8°40	3°18	2°23	1°22	1°31	24°37	18°27	S 25
S 26	12 13 5	5°11'55	29°56	1♈48	20°11	18°49	0°18	21°43	8°38	3°20	2°22	1°11	1°28	24°44	18°31	S 26
M27	12 17 1	6°11'11	14♈ 1	3°48	21°15	18°28	0°32	21°40	8°36	3°22	2°20	0°58	1°25	24°50	18°34	M27
T 28	12 20 58	7°10'25	27°46	5°48	22°19	18° 8	0°45	21°37	8°34	3°24	2°19	0°47	1°22	24°57	18°37	T 28
W29	12 24 55	8° 9'37	11♉ 8	7°50	23°23	17°48	0°57	21°35	8°32	3°27	2°18	0°37	1°19	25° 4	18°41	W29
T 30	12 28 51	9° 8'47	24° 7	9°53	24°26	17°29	1°10	21°32	8°29	3°29	2°17	0°30	1°16	25°10	18°44	T 30
F 31	12 32 48	10♈ 7'54	6♊43	11♈57	25♉28	17♍10	1♓23	21♌30	8♍27	3♉31	2♍16	0♏26	1♏12	25♋17	18♒47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s42	16n46	4n24	16s58	1s46	9n17	0n38	4n18	3n52	14s 4	0s46	15n15	1n33	8n42	0n49	10n44	1s45	22n33	13n 3	23s26	23s27	20n 1	9s47	6n18
T 2	7 20	20 18	3 44	16 34	1 51	9 46	0 42	4 25	3 52	13 59	0 46	15 16	1 33	8 43	0 49	10 45	1 45	22 34	13 3	23 26	23 27	19 59	9 45	6 19
F 3	6 57	22 45	2 53	16 9	1 55	10 16	0 47	4 33	3 52	13 55	0 47	15 18	1 33	8 44	0 49	10 46	1 45	22 34	13 3	23 26	23 27	19 57	9 44	6 19
S 4	6 34	24 3	1 56	15 42	1 59	10 45	0 51	4 42	3 52	13 50	0 47	15 19	1 33	8 45	0 49	10 46	1 45	22 35	13 3	23 26	23 27	19 55	9 42	6 19
S 5	6 11	24 12	0 55	15 15	2 2	11 14	0 55	4 50	3 52	13 45	0 47	15 21	1 33	8 46	0 49	10 47	1 45	22 36	13 3	23 26	23 27	19 53	9 41	6 19
M 6	5 47	23 15	0s 8	14 45	2 5	11 43	0 59	4 58	3 51	13 41	0 47	15 22	1 33	8 47	0 49	10 47	1 45	22 36	13 3	23 26	23 27	19 51	9 40	6 19
T 7	5 24	21 16	1 10	14 15	2 7	12 11	1 4	5 6	3 51	13 36	0 47	15 24	1 33	8 48	0 49	10 48	1 45	22 37	13 3	23 26	23 27	19 49	9 38	6 19
W 8	5 1	18 22	2 9	13 43	2 10	12 39	1 8	5 15	3 51	13 32	0 47	15 25	1 33	8 49	0 49	10 49	1 45	22 37	13 3	23 26	23 27	19 47	9 37	6 20
T 9	4 37	14 43	3 3	13 10	2 11	13 7	1 12	5 23	3 50	13 27	0 47	15 26	1 33	8 50	0 49	10 49	1 45	22 38	13 3	23 26	23 27	19 46	9 36	6 20
F 10	4 14	10 26	3 49	12 36	2 13	13 35	1 17	5 32	3 49	13 22	0 47	15 28	1 33	8 51	0 49	10 50	1 45	22 38	13 3	23 26	23 27	19 44	9 34	6 20
S 11	3 50	5 41	4 25	12 0	2 13	14 2	1 21	5 40	3 49	13 18	0 47	15 29	1 33	8 52	0 49	10 50	1 45	22 39	13 3	23 27	23 27	19 42	9 33	6 20
S 12	3 27	0 39	4 50	11 23	2 14	14 29	1 25	5 49	3 48	13 13	0 48	15 30	1 33	8 53	0 49	10 51	1 45	22 39	13 3	23 27	23 28	19 40	9 32	6 20
M13	3 3	4s30	5 0	10 45	2 14	14 56	1 30	5 57	3 47	13 8	0 48	15 32	1 33	8 54	0 49	10 52	1 45	22 40	13 3	23 27	23 28	19 38	9 30	6 20
T 14	2 40	9 32	4 56	10 6	2 13	15 22	1 34	6 5	3 46	13 4	0 48	15 33	1 33	8 55	0 49	10 52	1 45	22 40	13 3	23 27	23 28	19 36	9 29	6 21
W15	2 16	14 14	4 36	9 25	2 12	15 48	1 38	6 14	3 45	12 59	0 48	15 34	1 33	8 56	0 49	10 53	1 45	22 41	13 2	23 28	23 28	19 34	9 28	6 21
T 16	1 52	18 19	4 1	8 43	2 11	16 14	1 43	6 22	3 44	12 55	0 48	15 35	1 33	8 57	0 49	10 54	1 45	22 41	13 2	23 28	23 28	19 32	9 26	6 21
F 17	1 29	21 30	3 12	8 0	2 9	16 39	1 47	6 30	3 42	12 50	0 48	15 36	1 33	8 58	0 49	10 54	1 45	22 42	13 2	23 28	23 28	19 30	9 25	6 21
S 18	1 5	23 30	2 12	7 15	2 7	17 4	1 51	6 38	3 41	12 45	0 48	15 38	1 33	8 59	0 49	10 55	1 45	22 42	13 2	23 28	23 28	19 28	9 24	6 21
S 19	0 41	24 8	1 3	6 30	2 4	17 29	1 56	6 46	3 39	12 41	0 48	15 39	1 33	9 0	0 49	10 56	1 45	22 42	13 2	23 28	23 28	19 26	9 22	6 22
M20	0 18	23 15	0n10	5 43	2 0	17 53	2 0	6 54	3 38	12 36	0 49	15 40	1 33	9 1	0 49	10 56	1 45	22 43	13 2	23 28	23 28	19 24	9 21	6 22
T 21	0n 6	20 53	1 24	4 55	1 56	18 17	2 4	7 1	3 36	12 32	0 49	15 41	1 33	9 1	0 49	10 57	1 45	22 43	13 2	23 28	23 28	19 22	9 20	6 22
W22	0 30	17 12	2 33	4 6	1 52	18 40	2 9	7 9	3 35	12 27	0 49	15 42	1 33	9 2	0 49	10 58	1 45	22 44	13 2	23 28	23 28	19 20	9 18	6 22
T 23	0 53	12 29	3 33	3 15	1 47	19 3	2 13	7 16	3 33	12 23	0 49	15 43	1 33	9 3	0 49	10 59	1 44	22 44	13 2	23 28	23 28	19 18	9 17	6 23
F 24	1 17	7 2	4 20	2 24	1 41	19 25	2 17	7 23	3 31	12 18	0 49	15 44	1 33	9 4	0 49	10 59	1 44	22 44	13 2	23 28	23 28	19 17	9 16	6 23
S 25	1 41	1 14	4 49	1 32	1 35	19 47	2 21	7 30	3 29	12 14	0 49	15 45	1 33	9 5	0 49	11 0	1 44	22 45	13 1	23 28	23 28	19 15	9 14	6 23
S 26	2 4	4n34	5 0	0 39	1 29	20 9	2 25	7 36	3 27	12 9	0 49	15 46	1 33	9 6	0 49	11 1	1 44	22 45	13 1	23 28	23 28	19 13	9 13	6 23
M27	2 28	10 2	4 53	0n16	1 22	20 30	2 29	7 42	3 25	12 5	0 50	15 46	1 33	9 7	0 49	11 1	1 44	22 45	13 1	23 28	23 28	19 11	9 12	6 24
T 28	2 51	14 52	4 28	1 10	1 14	20 51	2 33	7 48	3 23	12 0	0 50	15 47	1 33	9 7	0 49	11 2	1 44	22 46	13 1	23 28	23 28	19 9	9 11	6 24
W29	3 15	18 49	3 49	2 6	1 6	21 11	2 37	7 54	3 20	11 56	0 50	15 48	1 33	9 8	0 49	11 3	1 44	22 46	13 1	23 29	23 28	19 7	9 9	6 24
T 30	3 38	21 44	2 59	3 2	0 58	21 31	2 41	8 0	3 18	11 51	0 50	15 49	1 33	9 9	0 49	11 4	1 44	22 46	13 1	23 29	23 28	19 5	9 8	6 24
F 31	4n 1	23n28	2n 2	3n59	0s49	21n50	2n45	8n 5	3n16	11s47	0s50	15n50	1n33	9n10	0n49	11n 4	1s44	22n46	13n 0	23s29	23s28	19n 3	9s 7	6n25

Julian Day Number = 2346779.5, Delta T = 11.02 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'10, Lahiri = 19°51'10Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

APRIL 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 44	11♈ 7'00	19♊ 0	14♈ 1	26♉31	16°R52	1♓36	21°R27	8°R25	3♉33	2°R15	0°R24	1♑ 9	25♋24	18♒50	S 1
S 2	12 40 41	12° 6'03	1♋ 3	16° 6	27°33	16♍35	1°49	21♌25	8♍23	3°35	2♍13	0°D23	1° 6	25°30	18°53	S 2
M 3	12 44 37	13° 5'03	12°55	18°10	28°35	16°18	2° 1	21°23	8°21	3°37	2°12	0°R23	1° 3	25°37	18°57	M 3
T 4	12 48 34	14° 4'02	24°44	20°15	29°36	16° 2	2°14	21°21	8°19	3°39	2°11	0♑23	1° 0	25°44	19° 0	T 4
W 5	12 52 30	15° 2'57	6♌34	22°20	0♊37	15°47	2°26	21°19	8°17	3°41	2°10	0°21	0°56	25°50	19° 3	W 5
T 6	12 56 27	16° 1'51	18°30	24°24	1°38	15°32	2°38	21°17	8°15	3°44	2° 9	0°17	0°53	25°57	19° 6	T 6
F 7	13 0 24	17° 0'42	0♍37	26°27	2°38	15°18	2°51	21°16	8°13	3°46	2° 8	0°10	0°50	26° 4	19° 8	F 7
S 8	13 4 20	17°59'32	12°58	28°28	3°38	15° 5	3° 3	21°14	8°12	3°48	2° 7	0° 0	0°47	26°10	19°11	S 8
S 9	13 8 17	18°58'19	25°36	0♉29	4°38	14°52	3°15	21°13	8°10	3°50	2° 6	29♐49	0°44	26°17	19°14	S 9
M10	13 12 13	19°57'03	8♎31	2°27	5°37	14°41	3°27	21°11	8° 8	3°52	2° 5	29°37	0°41	26°24	19°17	M10
T 11	13 16 10	20°55'46	21°43	4°23	6°35	14°30	3°39	21°10	8° 6	3°55	2° 4	29°26	0°37	26°30	19°20	T 11
W12	13 20 6	21°54'27	5♏10	6°16	7°34	14°20	3°51	21° 9	8° 5	3°57	2° 3	29°16	0°34	26°37	19°22	W12
T 13	13 24 3	22°53'06	18°50	8° 7	8°31	14°10	4° 3	21° 8	8° 3	3°59	2° 3	29° 8	0°31	26°44	19°25	T 13
F 14	13 27 59	23°51'43	2♐40	9°54	9°28	14° 2	4°15	21° 7	8° 1	4° 1	2° 2	29° 2	0°28	26°50	19°27	F 14
S 15	13 31 56	24°50'19	16°36	11°38	10°25	13°54	4°26	21° 6	8° 0	4° 3	2° 1	29° 0	0°25	26°57	19°30	S 15
S 16	13 35 52	25°48'52	0♑38	13°18	11°21	13°47	4°38	21° 5	7°58	4° 6	2° 0	28°D59	0°21	27° 4	19°32	S 16
M17	13 39 49	26°47'24	14°43	14°54	12°17	13°41	4°49	21° 4	7°57	4° 8	1°59	29° 0	0°18	27°10	19°35	M17
T 18	13 43 46	27°45'55	28°50	16°26	13°12	13°35	5° 1	21° 4	7°55	4°10	1°59	29°R 0	0°15	27°17	19°37	T 18
W19	13 47 42	28°44'24	12♒59	17°53	14° 7	13°31	5°12	21° 3	7°54	4°12	1°58	28°59	0°12	27°24	19°39	W19
T 20	13 51 39	29°42'51	27° 8	19°16	15° 1	13°27	5°23	21° 3	7°53	4°15	1°57	28°56	0° 9	27°30	19°41	T 20
F 21	13 55 35	0♉41'16	11♓14	20°35	15°54	13°24	5°34	21° 3	7°51	4°17	1°56	28°51	0° 6	27°37	19°44	F 21
S 22	13 59 32	1°39'40	25°15	21°48	16°47	13°22	5°45	21° 3	7°50	4°19	1°56	28°43	0° 2	27°44	19°46	S 22
S 23	14 3 28	2°38'03	9♈ 7	22°57	17°39	13°20	5°56	21°D 3	7°49	4°21	1°55	28°35	29♐59	27°50	19°48	S 23
M24	14 7 25	3°36'23	22°47	24° 1	18°30	13°19	6° 7	21° 3	7°48	4°24	1°55	28°25	29°56	27°57	19°50	M24
T 25	14 11 21	4°34'42	6♉12	25° 1	19°21	13°D19	6°18	21° 3	7°47	4°26	1°54	28°16	29°53	28° 4	19°52	T 25
W26	14 15 18	5°32'59	19°18	25°55	20°11	13°20	6°29	21° 3	7°46	4°28	1°54	28° 9	29°50	28°10	19°53	W26
T 27	14 19 15	6°31'14	2♊ 7	26°43	21° 0	13°21	6°39	21° 4	7°45	4°30	1°53	28° 4	29°47	28°17	19°55	T 27
F 28	14 23 11	7°29'27	14°37	27°27	21°48	13°24	6°49	21° 4	7°44	4°33	1°53	28° 1	29°43	28°23	19°57	F 28
S 29	14 27 8	8°27'39	26°51	28° 6	22°36	13°27	7° 0	21° 5	7°43	4°35	1°52	28°D 0	29°40	28°30	19°59	S 29
S 30	14 31 4	9♉25'48	8♋53	28♉39	23♊23	13♍30	7♓10	21♌ 5	7♍42	4♉37	1♍52	28♐ 0	29♐37	28♋37	20♒ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n24	24n 1	1n 0	4n56	0s39	22n 9	2n49	8n10	3n14	11s42	0s50	15n50	1n33	9n11	0n49	11n 5	1s44	22n47	13n 0	23s29	23s28	19n 1	9s 6	6n25
S 2	4 47	23 25	0s 3	5 53	0 29	22 27	2 53	8 14	3 11	11 38	0 51	15 51	1 33	9 11	0 49	11 6	1 44	22 47	13 0	23 29	23 28	18 59	9 4	6 25
M 3	5 10	21 45	1 6	6 51	0 19	22 45	2 57	8 19	3 9	11 34	0 51	15 52	1 33	9 12	0 49	11 6	1 44	22 47	13 0	23 29	23 28	18 57	9 3	6 26
T 4	5 33	19 9	2 5	7 48	0 8	23 2	3 0	8 23	3 6	11 29	0 51	15 52	1 33	9 13	0 48	11 7	1 44	22 47	13 0	23 29	23 28	18 55	9 2	6 26
W 5	5 56	15 46	3 0	8 44	0n 2	23 19	3 4	8 26	3 4	11 25	0 51	15 53	1 33	9 13	0 48	11 8	1 44	22 48	12 59	23 29	23 28	18 53	9 1	6 26
T 6	6 19	11 43	3 46	9 41	0 13	23 35	3 8	8 30	3 1	11 21	0 51	15 53	1 33	9 14	0 48	11 9	1 44	22 48	12 59	23 29	23 28	18 51	9 0	6 26
F 7	6 42	7 10	4 23	10 36	0 25	23 50	3 11	8 33	2 59	11 16	0 51	15 54	1 33	9 15	0 48	11 9	1 44	22 48	12 59	23 29	23 28	18 49	8 58	6 27
S 8	7 4	2 15	4 49	11 30	0 36	24 6	3 14	8 35	2 56	11 12	0 52	15 54	1 32	9 15	0 48	11 10	1 44	22 48	12 59	23 29	23 28	18 47	8 57	6 27
S 9	7 26	2s51	5 1	12 23	0 47	24 20	3 18	8 38	2 53	11 8	0 52	15 55	1 32	9 16	0 48	11 11	1 44	22 48	12 59	23 29	23 28	18 45	8 56	6 27
M10	7 49	7 57	4 58	13 15	0 58	24 34	3 21	8 40	2 51	11 4	0 52	15 55	1 32	9 17	0 48	11 12	1 44	22 49	12 58	23 29	23 29	18 43	8 55	6 28
T 11	8 11	12 48	4 40	14 5	1 9	24 48	3 24	8 42	2 48	10 59	0 52	15 55	1 32	9 17	0 48	11 13	1 44	22 49	12 58	23 29	23 29	18 41	8 54	6 28
W12	8 33	17 7	4 5	14 53	1 20	25 1	3 27	8 43	2 45	10 55	0 52	15 56	1 32	9 18	0 48	11 13	1 44	22 49	12 58	23 28	23 29	18 38	8 53	6 28
T 13	8 55	20 36	3 17	15 39	1 30	25 13	3 30	8 44	2 43	10 51	0 52	15 56	1 32	9 19	0 48	11 14	1 44	22 49	12 58	23 28	23 29	18 36	8 52	6 29
F 14	9 16	22 56	2 15	16 23	1 40	25 25	3 33	8 45	2 40	10 47	0 53	15 56	1 32	9 19	0 48	11 15	1 44	22 49	12 57	23 28	23 29	18 34	8 51	6 29
S 15	9 38	23 53	1 6	17 5	1 50	25 36	3 36	8 46	2 38	10 43	0 53	15 56	1 32	9 20	0 48	11 16	1 44	22 49	12 57	23 28	23 29	18 32	8 49	6 29
S 16	9 59	23 20	0n 9	17 44	1 59	25 47	3 38	8 46	2 35	10 39	0 53	15 57	1 32	9 20	0 48	11 16	1 44	22 49	12 57	23 28	23 29	18 30	8 48	6 30
M17	10 21	21 17	1 23	18 21	2 7	25 57	3 41	8 46	2 32	10 35	0 53	15 57	1 32	9 21	0 48	11 17	1 44	22 49	12 57	23 28	23 29	18 28	8 47	6 30
T 18	10 42	17 56	2 32	18 55	2 15	26 7	3 43	8 46	2 30	10 31	0 53	15 57	1 32	9 21	0 48	11 18	1 44	22 49	12 56	23 28	23 29	18 26	8 46	6 30
W19	11 3	13 33	3 33	19 27	2 21	26 16	3 46	8 45	2 27	10 27	0 54	15 57	1 32	9 22	0 48	11 19	1 44	22 49	12 56	23 28	23 29	18 24	8 45	6 31
T 20	11 23	8 25	4 20	19 56	2 27	26 24	3 48	8 44	2 24	10 23	0 54	15 57	1 32	9 22	0 48	11 19	1 44	22 49	12 56	23 28	23 29	18 22	8 44	6 31
F 21	11 44	2 53	4 51	20 22	2 33	26 32	3 50	8 43	2 22	10 19	0 54	15 57	1 32	9 23	0 48	11 20	1 44	22 49	12 56	23 28	23 29	18 20	8 43	6 32
S 22	12 4	2n46	5 4	20 46	2 37	26 40	3 52	8 41	2 19	10 15	0 54	15 57	1 31	9 23	0 48	11 21	1 44	22 49	12 55	23 28	23 29	18 18	8 42	6 32
S 23	12 24	8 13	5 0	21 7	2 40	26 47	3 54	8 39	2 16	10 11	0 54	15 57	1 31	9 23	0 48	11 22	1 44	22 49	12 55	23 28	23 29	18 16	8 41	6 32
M24	12 44	13 11	4 38	21 26	2 43	26 53	3 55	8 37	2 14	10 7	0 54	15 57	1 31	9 24	0 48	11 22	1 44	22 49	12 55	23 28	23 29	18 14	8 40	6 33
T 25	13 4	17 24	4 2	21 42	2 44	26 59	3 57	8 35	2 11	10 4	0 55	15 57	1 31	9 24	0 48	11 23	1 44	22 49	12 55	23 28	23 29	18 12	8 39	6 33
W26	13 24	20 40	3 13	21 56	2 45	27 4	3 58	8 32	2 9	10 0	0 55	15 56	1 31	9 25	0 48	11 24	1 44	22 49	12 54	23 28	23 29	18 10	8 38	6 33
T 27	13 43	22 49	2 15	22 7	2 44	27 9	3 59	8 29	2 6	9 56	0 55	15 56	1 31	9 25	0 48	11 25	1 44	22 49	12 54	23 28	23 29	18 8	8 38	6 34
F 28	14 2	23 46	1 12	22 15	2 42	27 13	4 0	8 26	2 3	9 53	0 55	15 56	1 31	9 25	0 48	11 25	1 44	22 49	12 54	23 28	23 29	18 6	8 37	6 34
S 29	14 21	23 33	0 6	22 21	2 39	27 17	4 1	8 23	2 1	9 49	0 56	15 56	1 31	9 26	0 48	11 26	1 44	22 49	12 53	23 28	23 29	18 3	8 36	6 35
S 30	14n39	22n12	0s59	22n25	2n35	27n20	4n 2	8n19	1n58	9s45	0s56	15n55	1n31	9n26	0n48	11n27	1s44	22n49	12n53	23s28	23s29	18n 1	8s35	6n35

Julian Day Number = 2346810.5, Delta T = 11.01 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'14, Lahiri = 19°51'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

MAY 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 1	10♉23'56	20♋46	29♉ 7	24♊ 9	13♍35	7♓20	21♌ 6	7°R41	4♉40	1°R51	28♐ 1	29♐34	28♋43	20♒ 2	M 1
T 2	14 38 57	11°22'01	2♌35	29°29	24°54	13°40	7°30	21° 7	7♍41	4°42	1♍51	28° 3	29°31	28°50	20° 3	T 2
W 3	14 42 54	12°20'05	14°26	29°47	25°38	13°45	7°40	21° 8	7°40	4°44	1°51	28°R 3	29°27	28°57	20° 5	W 3
T 4	14 46 50	13°18'07	26°24	29°58	26°21	13°52	7°50	21° 9	7°39	4°46	1°50	28° 2	29°24	29° 3	20° 6	T 4
F 5	14 50 47	14°16'06	8♍33	0♊ 5	27° 3	13°59	7°59	21°11	7°39	4°48	1°50	27°59	29°21	29°10	20° 7	F 5
S 6	14 54 44	15°14'04	20°58	0°R 7	27°44	14° 7	8° 9	21°12	7°38	4°51	1°50	27°55	29°18	29°17	20° 9	S 6
S 7	14 58 40	16°12'00	3♎41	0° 4	28°24	14°15	8°18	21°13	7°38	4°53	1°50	27°49	29°15	29°23	20°10	S 7
M 8	15 2 37	17° 9'54	16°46	29♉55	29° 3	14°24	8°27	21°15	7°37	4°55	1°50	27°42	29°12	29°30	20°11	M 8
T 9	15 6 33	18° 7'47	0♏12	29°43	29°40	14°34	8°36	21°17	7°37	4°57	1°49	27°35	29° 8	29°37	20°12	T 9
W10	15 10 30	19° 5'38	13°58	29°26	0♋16	14°44	8°45	21°18	7°37	5° 0	1°49	27°30	29° 5	29°43	20°13	W10
T 11	15 14 26	20° 3'28	28° 1	29° 5	0°52	14°55	8°54	21°20	7°36	5° 2	1°49	27°25	29° 2	29°50	20°14	T 11
F 12	15 18 23	21° 1'16	12♐16	28°41	1°25	15° 6	9° 3	21°22	7°36	5° 4	1°49	27°23	28°59	29°57	20°15	F 12
S 13	15 22 19	21°59'03	26°39	28°13	1°58	15°18	9°12	21°24	7°36	5° 6	1°D49	27°D22	28°56	0♌ 3	20°16	S 13
S 14	15 26 16	22°56'48	11♑ 4	27°43	2°28	15°30	9°20	21°27	7°36	5° 8	1°49	27°22	28°53	0°10	20°16	S 14
M15	15 30 13	23°54'33	25°28	27°11	2°58	15°43	9°29	21°29	7°D36	5°11	1°49	27°24	28°49	0°17	20°17	M15
T 16	15 34 9	24°52'16	9♒47	26°38	3°26	15°57	9°37	21°31	7°36	5°13	1°49	27°25	28°46	0°23	20°18	T 16
W17	15 38 6	25°49'58	23°58	26° 4	3°52	16°11	9°45	21°34	7°36	5°15	1°49	27°R26	28°43	0°30	20°18	W17
T 18	15 42 2	26°47'39	8♓ 0	25°29	4°17	16°26	9°53	21°36	7°36	5°17	1°49	27°25	28°40	0°37	20°19	T 18
F 19	15 45 59	27°45'19	21°52	24°55	4°39	16°41	10° 1	21°39	7°36	5°19	1°50	27°23	28°37	0°43	20°19	F 19
S 20	15 49 55	28°42'58	5♈32	24°21	5° 1	16°56	10° 8	21°42	7°36	5°21	1°50	27°20	28°33	0°50	20°20	S 20
S 21	15 53 52	29°40'36	19° 0	23°50	5°20	17°13	10°16	21°45	7°37	5°23	1°50	27°17	28°30	0°57	20°20	S 21
M22	15 57 48	0♊38'13	2♉14	23°20	5°37	17°29	10°23	21°47	7°37	5°25	1°50	27°12	28°27	1° 3	20°20	M22
T 23	16 1 45	1°35'49	15°15	22°52	5°53	17°46	10°30	21°51	7°37	5°27	1°50	27° 8	28°24	1°10	20°20	T 23
W24	16 5 42	2°33'24	28° 1	22°28	6° 7	18° 4	10°38	21°54	7°38	5°30	1°51	27° 5	28°21	1°17	20°20	W24
T 25	16 9 38	3°30'58	10♊33	22° 7	6°18	18°22	10°44	21°57	7°38	5°32	1°51	27° 3	28°18	1°23	20°R20	T 25
F 26	16 13 35	4°28'31	22°51	21°50	6°27	18°40	10°51	22° 0	7°39	5°34	1°51	27°D 2	28°14	1°30	20°20	F 26
S 27	16 17 31	5°26'02	4♋59	21°36	6°35	18°59	10°58	22° 4	7°39	5°36	1°52	27° 2	28°11	1°37	20°20	S 27
S 28	16 21 28	6°23'32	16°56	21°27	6°40	19°18	11° 4	22° 7	7°40	5°38	1°52	27° 3	28° 8	1°43	20°20	S 28
M29	16 25 24	7°21'01	28°48	21°22	6°42	19°38	11°11	22°11	7°41	5°40	1°53	27° 5	28° 5	1°50	20°20	M29
T 30	16 29 21	8°18'29	10♌37	21°D21	6°R43	19°58	11°17	22°14	7°41	5°42	1°53	27° 6	28° 2	1°57	20°20	T 30
W31	16 33 17	9♊15'56	22♌28	21♉24	6♋41	20♍19	11♓23	22♌18	7♍42	5♉44	1♍54	27♐ 8	27♐59	2♌ 3	20♒19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n58	19n54	2s 0	22n26	2n30	27n23	4n 2	8n15	1n56	9s42	0s56	15n55	1n31	9n26	0n48	11n28	1s44	22n49	12n53	23s28	23s29	17n59	8s34	6n35
T 2	15 16	16 45	2 56	22 25	2 24	27 25	4 2	8 11	1 54	9 38	0 56	15 55	1 31	9 26	0 48	11 28	1 44	22 48	12 53	23 28	23 29	17 57	8 33	6 36
W 3	15 34	12 56	3 45	22 21	2 16	27 27	4 2	8 6	1 51	9 35	0 56	15 54	1 31	9 26	0 47	11 29	1 44	22 48	12 52	23 28	23 29	17 55	8 32	6 36
T 4	15 51	8 36	4 24	22 15	2 8	27 28	4 2	8 2	1 49	9 31	0 57	15 54	1 30	9 27	0 47	11 30	1 44	22 48	12 52	23 28	23 29	17 53	8 32	6 37
F 5	16 9	3 52	4 52	22 7	1 58	27 28	4 2	7 57	1 46	9 28	0 57	15 53	1 30	9 27	0 47	11 31	1 44	22 48	12 52	23 28	23 28	17 51	8 31	6 37
S 6	16 26	1s 7	5 7	21 57	1 47	27 29	4 1	7 52	1 44	9 25	0 57	15 53	1 30	9 27	0 47	11 31	1 44	22 48	12 51	23 28	23 28	17 49	8 30	6 37
S 7	16 43	6 11	5 8	21 45	1 35	27 29	4 1	7 46	1 42	9 21	0 57	15 52	1 30	9 27	0 47	11 32	1 44	22 47	12 51	23 28	23 28	17 47	8 29	6 38
M 8	16 59	11 6	4 53	21 30	1 22	27 28	3 59	7 41	1 39	9 18	0 58	15 52	1 30	9 27	0 47	11 33	1 44	22 47	12 51	23 27	23 28	17 44	8 29	6 38
T 9	17 15	15 38	4 21	21 14	1 8	27 27	3 58	7 35	1 37	9 15	0 58	15 51	1 30	9 27	0 47	11 34	1 44	22 47	12 50	23 27	23 28	17 42	8 28	6 38
W10	17 31	19 28	3 34	20 56	0 53	27 25	3 57	7 29	1 35	9 12	0 58	15 50	1 30	9 27	0 47	11 34	1 44	22 47	12 50	23 27	23 28	17 40	8 27	6 39
T 11	17 47	22 14	2 33	20 36	0 38	27 23	3 55	7 23	1 33	9 9	0 58	15 50	1 30	9 28	0 47	11 35	1 44	22 46	12 50	23 27	23 28	17 38	8 27	6 39
F 12	18 2	23 39	1 21	20 15	0 21	27 21	3 53	7 16	1 30	9 5	0 58	15 49	1 30	9 28	0 47	11 36	1 44	22 46	12 49	23 27	23 28	17 36	8 26	6 40
S 13	18 18	23 30	0 4	19 52	0 5	27 18	3 50	7 9	1 28	9 2	0 59	15 48	1 30	9 28	0 47	11 36	1 44	22 46	12 49	23 27	23 28	17 34	8 25	6 40
S 14	18 32	21 47	1n14	19 29	0s13	27 15	3 48	7 3	1 26	8 59	0 59	15 47	1 30	9 28	0 47	11 37	1 44	22 46	12 49	23 27	23 28	17 32	8 25	6 40
M15	18 47	18 40	2 28	19 4	0 30	27 11	3 45	6 56	1 24	8 57	0 59	15 47	1 30	9 28	0 47	11 38	1 44	22 45	12 49	23 27	23 28	17 30	8 24	6 41
T 16	19 1	14 26	3 31	18 40	0 48	27 7	3 42	6 48	1 22	8 54	0 59	15 46	1 29	9 28	0 47	11 39	1 44	22 45	12 48	23 27	23 28	17 27	8 23	6 41
W17	19 15	9 26	4 21	18 15	1 5	27 3	3 38	6 41	1 20	8 51	1 0	15 45	1 29	9 27	0 47	11 39	1 44	22 45	12 48	23 27	23 28	17 25	8 23	6 42
T 18	19 28	4 1	4 55	17 50	1 22	26 58	3 34	6 33	1 18	8 48	1 0	15 44	1 29	9 27	0 47	11 40	1 44	22 44	12 48	23 27	23 28	17 23	8 22	6 42
F 19	19 41	1n33	5 12	17 25	1 39	26 53	3 30	6 26	1 16	8 45	1 0	15 43	1 29	9 27	0 47	11 41	1 44	22 44	12 47	23 27	23 28	17 21	8 22	6 43
S 20	19 54	6 56	5 10	17 1	1 55	26 48	3 25	6 18	1 14	8 43	1 0	15 42	1 29	9 27	0 47	11 41	1 44	22 44	12 47	23 27	23 28	17 19	8 21	6 43
S 21	20 7	11 56	4 51	16 38	2 11	26 42	3 20	6 9	1 12	8 40	1 1	15 41	1 29	9 27	0 47	11 42	1 44	22 43	12 47	23 27	23 28	17 17	8 21	6 43
M22	20 19	16 17	4 17	16 17	2 26	26 36	3 15	6 1	1 10	8 37	1 1	15 40	1 29	9 27	0 47	11 43	1 44	22 43	12 46	23 27	23 28	17 15	8 20	6 44
T 23	20 31	19 46	3 30	15 56	2 40	26 30	3 9	5 53	1 8	8 35	1 1	15 39	1 29	9 27	0 47	11 43	1 44	22 42	12 46	23 27	23 28	17 12	8 20	6 44
W24	20 42	22 14	2 33	15 38	2 53	26 23	3 3	5 44	1 6	8 33	1 1	15 38	1 29	9 26	0 47	11 44	1 44	22 42	12 46	23 27	23 28	17 10	8 20	6 45
T 25	20 53	23 32	1 30	15 21	3 5	26 16	2 57	5 35	1 4	8 30	1 2	15 37	1 29	9 26	0 47	11 45	1 44	22 42	12 45	23 27	23 28	17 8	8 19	6 45
F 26	21 4	23 40	0 23	15 6	3 15	26 9	2 50	5 26	1 2	8 28	1 2	15 36	1 29	9 26	0 47	11 45	1 44	22 41	12 45	23 27	23 28	17 6	8 19	6 45
S 27	21 15	22 39	0s44	14 54	3 25	26 1	2 42	5 17	1 0	8 26	1 2	15 34	1 29	9 26	0 46	11 46	1 44	22 41	12 45	23 27	23 28	17 4	8 18	6 46
S 28	21 25	20 37	1 48	14 43	3 33	25 53	2 34	5 8	0 58	8 23	1 3	15 33	1 28	9 25	0 46	11 47	1 44	22 40	12 44	23 27	23 28	17 2	8 18	6 46
M29	21 34	17 43	2 47	14 35	3 40	25 44	2 26	4 58	0 56	8 21	1 3	15 32	1 28	9 25	0 46	11 47	1 45	22 40	12 44	23 27	23 28	16 59	8 18	6 47
T 30	21 44	14 6	3 38	14 29	3 46	25 36	2 18	4 49	0 55	8 19	1 3	15 31	1 28	9 25	0 46	11 48	1 45	22 39	12 44	23 27	23 28	16 57	8 18	6 47
W31	21n52	9n56	4s20	14n25	3s51	25n27	2n 8	4n39	0n53	8s17	1s 3	15n29	1n28	9n25	0n46	11n48	1s45	22n39	12n43	23s27	23s28	16n55	8s17	6n47

Julian Day Number = 2346840.5, Delta T = 10.99 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'18, Lahiri = 19°51'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

JUNE 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 14	10♊13'21	4♍25	21♉33	6°R36	20♍40	11♓29	22♌22	7♍43	5♉46	1♍54	27♐ 8	27♐55	2♌10	20°R19	T 1
F 2	16 41 11	11°10'45	16°34	21°45	6♋30	21° 1	11°34	22°26	7°44	5°48	1°55	27°R 8	27°52	2°17	20♒18	F 2
S 3	16 45 7	12° 8'08	28°58	22° 2	6°20	21°23	11°40	22°30	7°45	5°49	1°55	27° 8	27°49	2°23	20°18	S 3
S 4	16 49 4	13° 5'30	11♎42	22°24	6° 9	21°45	11°45	22°34	7°46	5°51	1°56	27° 6	27°46	2°30	20°17	S 4
M 5	16 53 0	14° 2'51	24°48	22°50	5°55	22° 7	11°50	22°38	7°47	5°53	1°57	27° 5	27°43	2°37	20°17	M 5
T 6	16 56 57	15° 0'11	8♏19	23°20	5°38	22°30	11°55	22°43	7°48	5°55	1°57	27° 3	27°39	2°44	20°16	T 6
W 7	17 0 53	15°57'30	22°14	23°54	5°19	22°53	12° 0	22°47	7°49	5°57	1°58	27° 2	27°36	2°50	20°15	W 7
T 8	17 4 50	16°54'48	6♐32	24°33	4°58	23°17	12° 5	22°51	7°51	5°59	1°59	27° 1	27°33	2°57	20°14	T 8
F 9	17 8 46	17°52'05	21° 7	25°16	4°35	23°41	12° 9	22°56	7°52	6° 1	2° 0	27°D 1	27°30	3° 4	20°13	F 9
S 10	17 12 43	18°49'22	5♑53	26° 2	4° 9	24° 5	12°14	23° 1	7°53	6° 2	2° 0	27° 1	27°27	3°10	20°12	S 10
S 11	17 16 40	19°46'38	20°44	26°53	3°42	24°29	12°18	23° 5	7°55	6° 4	2° 1	27° 1	27°24	3°17	20°11	S 11
M12	17 20 36	20°43'54	5♒32	27°48	3°13	24°54	12°22	23°10	7°56	6° 6	2° 2	27° 2	27°20	3°24	20°10	M12
T 13	17 24 33	21°41'09	20°10	28°46	2°42	25°19	12°26	23°15	7°57	6° 7	2° 3	27° 2	27°17	3°30	20° 9	T 13
W14	17 28 29	22°38'24	4♓34	29°48	2° 9	25°44	12°29	23°20	7°59	6° 9	2° 4	27° 2	27°14	3°37	20° 8	W14
T 15	17 32 26	23°35'39	18°41	0♊54	1°35	26°10	12°33	23°25	8° 0	6°11	2° 5	27°R 3	27°11	3°44	20° 7	T 15
F 16	17 36 22	24°32'53	2♈29	2° 3	1° 0	26°36	12°36	23°30	8° 2	6°13	2° 6	27° 3	27° 8	3°50	20° 5	F 16
S 17	17 40 19	25°30'08	15°58	3°16	0°24	27° 2	12°39	23°35	8° 4	6°14	2° 7	27° 2	27° 4	3°57	20° 4	S 17
S 18	17 44 15	26°27'22	29° 9	4°32	29♊48	27°29	12°42	23°40	8° 5	6°16	2° 8	27° 2	27° 1	4° 4	20° 3	S 18
M19	17 48 12	27°24'36	12♉ 4	5°52	29°10	27°56	12°45	23°45	8° 7	6°17	2° 9	27°D 2	26°58	4°10	20° 1	M19
T 20	17 52 9	28°21'50	24°43	7°15	28°33	28°23	12°47	23°51	8° 9	6°19	2°10	27° 2	26°55	4°17	19°59	T 20
W21	17 56 5	29°19'04	7♊10	8°41	27°55	28°50	12°49	23°56	8°11	6°20	2°11	27° 3	26°52	4°24	19°58	W21
T 22	18 0 2	0♋16'17	19°26	10°11	27°18	29°18	12°51	24° 2	8°13	6°22	2°12	27° 3	26°49	4°30	19°56	T 22
F 23	18 3 58	1°13'31	1♋32	11°44	26°41	29°46	12°53	24° 7	8°15	6°23	2°13	27°R 3	26°45	4°37	19°55	F 23
S 24	18 7 55	2°10'44	13°30	13°21	26° 5	0♎14	12°55	24°13	8°17	6°25	2°15	27° 3	26°42	4°44	19°53	S 24
S 25	18 11 51	3° 7'57	25°23	15° 0	25°30	0°42	12°57	24°18	8°19	6°26	2°16	27° 2	26°39	4°50	19°51	S 25
M26	18 15 48	4° 5'10	7♌13	16°43	24°56	1°11	12°58	24°24	8°21	6°28	2°17	27° 1	26°36	4°57	19°49	M26
T 27	18 19 45	5° 2'22	19° 2	18°29	24°23	1°40	12°59	24°30	8°23	6°29	2°18	27° 0	26°33	5° 4	19°47	T 27
W28	18 23 41	5°59'34	0♍53	20°18	23°51	2° 9	13° 0	24°36	8°25	6°30	2°19	26°59	26°30	5°10	19°45	W28
T 29	18 27 38	6°56'46	12°51	22°10	23°22	2°38	13° 1	24°42	8°27	6°32	2°21	26°58	26°26	5°17	19°43	T 29
F 30	18 31 34	7♋53'57	24♍59	24♊ 4	22♊54	3♎ 8	13♓ 2	24♌48	8♍30	6♉33	2♍22	26♐57	26♐23	5♌24	19♒41	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	5n22	4s52	14n24	3s55	25n17	1n59	4n29	0n51	8s15	1s 4	15n28	1n28	9n24	0n46	11n49	1s45	22n38	12n43	23s27	23s28	16n53	8s17	6n48
F 2	22 9	0 32	5 11	14 24	3 58	25 8	1 49	4 19	0 49	8 13	1 4	15 27	1 28	9 24	0 46	11 50	1 45	22 38	12 43	23 27	23 28	16 51	8 17	6 48
S 3	22 17	4s25	5 16	14 27	3 59	24 58	1 38	4 9	0 48	8 11	1 4	15 25	1 28	9 23	0 46	11 50	1 45	22 37	12 43	23 27	23 27	16 48	8 17	6 48
S 4	22 24	9 19	5 6	14 32	3 59	24 47	1 28	3 59	0 46	8 10	1 4	15 24	1 28	9 23	0 46	11 51	1 45	22 37	12 42	23 27	23 27	16 46	8 16	6 49
M 5	22 31	13 58	4 40	14 39	3 59	24 37	1 16	3 48	0 44	8 8	1 5	15 22	1 28	9 23	0 46	11 51	1 45	22 36	12 42	23 27	23 27	16 44	8 16	6 49
T 6	22 38	18 3	3 58	14 48	3 57	24 26	1 5	3 38	0 43	8 6	1 5	15 21	1 28	9 22	0 46	11 52	1 45	22 36	12 42	23 27	23 27	16 42	8 16	6 50
W 7	22 44	21 16	3 1	14 59	3 55	24 15	0 52	3 27	0 41	8 5	1 5	15 19	1 28	9 22	0 46	11 53	1 45	22 35	12 41	23 27	23 27	16 40	8 16	6 50
T 8	22 50	23 16	1 51	15 12	3 52	24 3	0 40	3 17	0 39	8 3	1 6	15 18	1 28	9 21	0 46	11 53	1 45	22 35	12 41	23 27	23 27	16 37	8 16	6 50
F 9	22 55	23 43	0 33	15 26	3 47	23 51	0 27	3 6	0 38	8 2	1 6	15 16	1 28	9 21	0 46	11 54	1 45	22 34	12 41	23 27	23 27	16 35	8 16	6 51
S 10	23 0	22 32	0n49	15 41	3 42	23 39	0 14	2 55	0 36	8 0	1 6	15 15	1 28	9 20	0 46	11 54	1 45	22 34	12 40	23 27	23 27	16 33	8 16	6 51
S 11	23 5	19 46	2 8	15 58	3 37	23 26	0 1	2 43	0 35	7 59	1 6	15 13	1 28	9 20	0 46	11 55	1 45	22 33	12 40	23 27	23 27	16 31	8 16	6 51
M12	23 9	15 43	3 18	16 17	3 30	23 13	0s13	2 32	0 33	7 58	1 7	15 12	1 27	9 19	0 46	11 55	1 45	22 32	12 40	23 27	23 27	16 29	8 16	6 52
T 13	23 13	10 46	4 14	16 37	3 23	23 0	0 27	2 21	0 32	7 56	1 7	15 10	1 27	9 18	0 46	11 56	1 45	22 32	12 40	23 27	23 27	16 26	8 16	6 52
W14	23 16	5 18	4 53	16 57	3 16	22 47	0 41	2 9	0 30	7 55	1 7	15 8	1 27	9 18	0 46	11 56	1 45	22 31	12 39	23 27	23 27	16 24	8 16	6 53
T 15	23 19	0n20	5 14	17 19	3 7	22 33	0 55	1 58	0 29	7 54	1 8	15 7	1 27	9 17	0 46	11 57	1 45	22 31	12 39	23 27	23 27	16 22	8 16	6 53
F 16	23 22	5 49	5 16	17 41	2 58	22 19	1 9	1 46	0 27	7 53	1 8	15 5	1 27	9 17	0 46	11 57	1 45	22 30	12 39	23 27	23 27	16 20	8 16	6 53
S 17	23 24	10 54	5 0	18 4	2 49	22 5	1 23	1 34	0 26	7 52	1 8	15 3	1 27	9 16	0 46	11 58	1 45	22 29	12 38	23 27	23 27	16 17	8 16	6 54
S 18	23 26	15 23	4 29	18 28	2 39	21 51	1 37	1 23	0 24	7 52	1 9	15 1	1 27	9 15	0 46	11 58	1 45	22 29	12 38	23 27	23 27	16 15	8 16	6 54
M19	23 27	19 2	3 45	18 52	2 29	21 37	1 51	1 11	0 23	7 51	1 9	15 0	1 27	9 14	0 46	11 59	1 45	22 28	12 38	23 27	23 26	16 13	8 16	6 54
T 20	23 28	21 44	2 50	19 17	2 18	21 23	2 5	0 58	0 22	7 50	1 9	14 58	1 27	9 14	0 46	11 59	1 45	22 27	12 38	23 27	23 26	16 11	8 16	6 55
W21	23 28	23 19	1 48	19 41	2 7	21 9	2 19	0 46	0 20	7 49	1 9	14 56	1 27	9 13	0 45	12 0	1 45	22 27	12 37	23 27	23 26	16 8	8 17	6 55
T 22	23 29	23 45	0 42	20 6	1 56	20 55	2 32	0 34	0 19	7 49	1 10	14 54	1 27	9 12	0 45	12 0	1 45	22 26	12 37	23 27	23 26	16 6	8 17	6 55
F 23	23 28	23 3	0s25	20 30	1 45	20 41	2 45	0 22	0 17	7 48	1 10	14 52	1 27	9 12	0 45	12 1	1 46	22 25	12 37	23 27	23 26	16 4	8 17	6 56
S 24	23 27	21 18	1 30	20 54	1 33	20 27	2 58	0 9	0 16	7 48	1 10	14 50	1 27	9 11	0 45	12 1	1 46	22 25	12 36	23 27	23 26	16 2	8 17	6 56
S 25	23 26	18 37	2 31	21 18	1 21	20 14	3 10	0s 3	0 15	7 48	1 11	14 48	1 27	9 10	0 45	12 1	1 46	22 24	12 36	23 27	23 26	15 59	8 18	6 56
M26	23 25	15 12	3 25	21 40	1 9	20 1	3 22	0 16	0 13	7 48	1 11	14 46	1 27	9 9	0 45	12 2	1 46	22 23	12 36	23 27	23 26	15 57	8 18	6 57
T 27	23 23	11 11	4 10	22 2	0 57	19 49	3 33	0 29	0 12	7 47	1 11	14 44	1 27	9 8	0 45	12 2	1 46	22 23	12 36	23 27	23 26	15 55	8 18	6 57
W28	23 20	6 44	4 45	22 23	0 44	19 36	3 44	0 41	0 11	7 47	1 12	14 42	1 27	9 7	0 45	12 3	1 46	22 22	12 35	23 27	23 26	15 53	8 18	6 57
T 29	23 18	2 1	5 7	22 42	0 32	19 25	3 54	0 54	0 10	7 47	1 12	14 40	1 27	9 7	0 45	12 3	1 46	22 21	12 35	23 26	23 26	15 50	8 19	6 57
F 30	23n14	2s51	5s17	23n 0	0s20	19n14	4s 4	1s 7	0n 8	7s47	1s12	14n38	1n27	9n 6	0n45	12n 3	1s46	22n21	12n35	23s26	23s26	15n48	8s19	6n58

Julian Day Number = 2346871.5, Delta T = 10.98 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'23, Lahiri = 19°51'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

JULY 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 31	8♋51'08	7♎20	26♊ 1	22°R28	3♎38	13♓ 2	24♌54	8♍32	6♉34	2♍23	26°D57	26♐20	5♌30	19°R39	S 1
S 2	18 39 27	9°48'19	20° 0	28° 1	22♊ 4	4° 8	13° 2	25° 0	8°34	6°36	2°25	26♐57	26°17	5°37	19♒37	S 2
M 3	18 43 24	10°45'30	3♏ 3	0♋ 2	21°42	4°38	13°R 2	25° 6	8°37	6°37	2°26	26°58	26°14	5°44	19°35	M 3
T 4	18 47 20	11°42'41	16°30	2° 6	21°23	5° 9	13° 2	25°12	8°39	6°38	2°28	26°59	26°10	5°50	19°32	T 4
W 5	18 51 17	12°39'51	0♐24	4°11	21° 5	5°40	13° 2	25°18	8°41	6°39	2°29	27° 0	26° 7	5°57	19°30	W 5
T 6	18 55 14	13°37'02	14°44	6°17	20°50	6°11	13° 1	25°24	8°44	6°40	2°30	27° 1	26° 4	6° 4	19°28	T 6
F 7	18 59 10	14°34'13	29°26	8°25	20°38	6°42	13° 0	25°31	8°46	6°41	2°32	27°R 1	26° 1	6°10	19°25	F 7
S 8	19 3 7	15°31'23	14♑26	10°34	20°28	7°13	12°59	25°37	8°49	6°42	2°33	27° 1	25°58	6°17	19°23	S 8
S 9	19 7 3	16°28'34	29°35	12°43	20°20	7°45	12°58	25°44	8°52	6°44	2°35	26°59	25°55	6°24	19°20	S 9
M10	19 11 0	17°25'46	14♒43	14°52	20°15	8°16	12°57	25°50	8°54	6°45	2°36	26°57	25°51	6°30	19°18	M10
T 11	19 14 56	18°22'57	29°42	17° 1	20°12	8°48	12°55	25°57	8°57	6°46	2°38	26°54	25°48	6°37	19°15	T 11
W12	19 18 53	19°20'10	14♓23	19°10	20°D11	9°20	12°54	26° 3	9° 0	6°47	2°40	26°52	25°45	6°44	19°13	W12
T 13	19 22 49	20°17'22	28°41	21°18	20°13	9°53	12°52	26°10	9° 2	6°47	2°41	26°49	25°42	6°51	19°10	T 13
F 14	19 26 46	21°14'36	12♈34	23°25	20°17	10°25	12°50	26°17	9° 5	6°48	2°43	26°48	25°39	6°57	19° 7	F 14
S 15	19 30 43	22°11'50	26° 1	25°31	20°23	10°58	12°47	26°23	9° 8	6°49	2°44	26°D48	25°36	7° 4	19° 5	S 15
S 16	19 34 39	23° 9'05	9♉ 6	27°37	20°31	11°31	12°45	26°30	9°11	6°50	2°46	26°49	25°32	7°11	19° 2	S 16
M17	19 38 36	24° 6'21	21°49	29°41	20°42	12° 4	12°42	26°37	9°14	6°51	2°48	26°50	25°29	7°17	18°59	M17
T 18	19 42 32	25° 3'38	4♊16	1♌43	20°55	12°37	12°39	26°44	9°17	6°52	2°49	26°52	25°26	7°24	18°56	T 18
W19	19 46 29	26° 0'56	16°29	3°45	21° 9	13°10	12°36	26°51	9°20	6°52	2°51	26°53	25°23	7°31	18°54	W19
T 20	19 50 25	26°58'14	28°32	5°44	21°26	13°44	12°33	26°58	9°23	6°53	2°53	26°R54	25°20	7°37	18°51	T 20
F 21	19 54 22	27°55'34	10♋28	7°42	21°44	14°18	12°29	27° 5	9°26	6°54	2°55	26°53	25°16	7°44	18°48	F 21
S 22	19 58 18	28°52'53	22°20	9°39	22° 4	14°52	12°26	27°12	9°29	6°54	2°56	26°50	25°13	7°51	18°45	S 22
S 23	20 2 15	29°50'14	4♌ 9	11°33	22°27	15°26	12°22	27°19	9°32	6°55	2°58	26°46	25°10	7°57	18°42	S 23
M24	20 6 12	0♌47'35	15°59	13°26	22°50	16° 0	12°18	27°26	9°35	6°56	3° 0	26°41	25° 7	8° 4	18°39	M24
T 25	20 10 8	1°44'57	27°50	15°18	23°16	16°34	12°14	27°33	9°38	6°56	3° 2	26°35	25° 4	8°11	18°36	T 25
W26	20 14 5	2°42'20	9♍44	17° 8	23°43	17° 9	12°10	27°40	9°41	6°57	3° 3	26°28	25° 1	8°17	18°33	W26
T 27	20 18 1	3°39'43	21°46	18°56	24°11	17°44	12° 5	27°47	9°45	6°57	3° 5	26°22	24°57	8°24	18°30	T 27
F 28	20 21 58	4°37'07	3♎55	20°42	24°41	18°19	12° 0	27°54	9°48	6°58	3° 7	26°17	24°54	8°31	18°27	F 28
S 29	20 25 54	5°34'32	16°18	22°27	25°12	18°54	11°56	28° 1	9°51	6°58	3° 9	26°14	24°51	8°37	18°24	S 29
S 30	20 29 51	6°31'57	28°55	24°10	25°45	19°29	11°51	28° 9	9°54	6°58	3°11	26°12	24°48	8°44	18°21	S 30
M31	20 33 47	7♌29'23	11♏52	25♌51	26♊19	20♎ 4	11♓45	28♌16	9♍58	6♉59	3♍13	26°D12	24♐45	8♌51	18♒18	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n11	7s41	5s12	23n16	0s 9	19n 4	4s13	1s20	0n 7	7s47	1s12	14n36	1n27	9n 5	0n45	12n 4	1s46	22n20	12n35	23s26	23s26	15n46	8s20	6n58
S 2	23 7	12 20	4 52	23 30	0n 3	18 54	4 21	1 33	0 6	7 48	1 13	14 34	1 27	9 4	0 45	12 4	1 46	22 19	12 35	23 26	23 25	15 44	8 20	6 58
M 3	23 2	16 33	4 16	23 43	0 14	18 45	4 29	1 47	0 5	7 48	1 13	14 32	1 26	9 3	0 45	12 5	1 46	22 18	12 34	23 26	23 25	15 41	8 20	6 58
T 4	22 58	20 5	3 26	23 52	0 25	18 36	4 36	2 0	0 3	7 48	1 13	14 30	1 26	9 2	0 45	12 5	1 46	22 18	12 34	23 27	23 25	15 39	8 21	6 59
W 5	22 52	22 35	2 22	24 0	0 35	18 28	4 43	2 13	0 2	7 49	1 14	14 28	1 26	9 1	0 45	12 5	1 46	22 17	12 34	23 27	23 25	15 37	8 21	6 59
T 6	22 47	23 43	1 7	24 4	0 45	18 21	4 49	2 26	0 1	7 49	1 14	14 26	1 26	9 0	0 45	12 6	1 46	22 16	12 34	23 27	23 25	15 34	8 22	6 59
F 7	22 41	23 15	0n13	24 6	0 54	18 15	4 55	2 40	0s 0	7 50	1 14	14 23	1 26	8 59	0 45	12 6	1 46	22 15	12 33	23 27	23 25	15 32	8 22	6 59
S 8	22 34	21 7	1 35	24 6	1 2	18 9	5 0	2 53	0 1	7 50	1 15	14 21	1 26	8 58	0 45	12 6	1 46	22 15	12 33	23 27	23 25	15 30	8 23	7 0
S 9	22 28	17 30	2 50	24 2	1 10	18 4	5 4	3 7	0 2	7 51	1 15	14 19	1 26	8 57	0 45	12 6	1 46	22 14	12 33	23 27	23 25	15 28	8 23	7 0
M10	22 20	12 43	3 54	23 56	1 18	18 0	5 8	3 20	0 4	7 52	1 15	14 17	1 26	8 56	0 45	12 7	1 46	22 13	12 33	23 26	23 25	15 25	8 24	7 0
T 11	22 13	7 13	4 40	23 47	1 24	17 56	5 11	3 34	0 5	7 53	1 15	14 15	1 26	8 55	0 45	12 7	1 46	22 12	12 33	23 26	23 25	15 23	8 24	7 0
W12	22 5	1 26	5 7	23 35	1 30	17 53	5 14	3 48	0 6	7 54	1 16	14 12	1 26	8 54	0 45	12 7	1 47	22 12	12 32	23 26	23 24	15 21	8 25	7 1
T 13	21 56	4n17	5 15	23 21	1 35	17 51	5 17	4 1	0 7	7 55	1 16	14 10	1 26	8 53	0 45	12 7	1 47	22 11	12 32	23 26	23 24	15 18	8 26	7 1
F 14	21 48	9 37	5 3	23 4	1 39	17 49	5 19	4 15	0 8	7 56	1 16	14 8	1 26	8 52	0 45	12 8	1 47	22 10	12 32	23 26	23 24	15 16	8 26	7 1
S 15	21 39	14 20	4 35	22 44	1 42	17 48	5 21	4 29	0 9	7 57	1 17	14 5	1 26	8 51	0 45	12 8	1 47	22 9	12 32	23 26	23 24	15 14	8 27	7 1
S 16	21 29	18 14	3 53	22 23	1 45	17 47	5 22	4 43	0 10	7 58	1 17	14 3	1 26	8 50	0 45	12 8	1 47	22 9	12 32	23 26	23 24	15 12	8 28	7 1
M17	21 19	21 10	3 1	21 59	1 47	17 47	5 23	4 57	0 11	8 0	1 17	14 1	1 26	8 49	0 45	12 8	1 47	22 8	12 32	23 26	23 24	15 9	8 28	7 1
T 18	21 9	23 1	2 1	21 34	1 48	17 47	5 23	5 11	0 12	8 1	1 18	13 58	1 26	8 47	0 45	12 9	1 47	22 7	12 31	23 26	23 24	15 7	8 29	7 2
W19	20 59	23 44	0 57	21 6	1 48	17 48	5 23	5 25	0 13	8 2	1 18	13 56	1 26	8 46	0 45	12 9	1 47	22 6	12 31	23 26	23 24	15 5	8 30	7 2
T 20	20 48	23 19	0s 9	20 37	1 48	17 49	5 23	5 39	0 14	8 4	1 18	13 54	1 26	8 45	0 45	12 9	1 47	22 5	12 31	23 26	23 24	15 2	8 30	7 2
F 21	20 37	21 50	1 14	20 6	1 47	17 51	5 23	5 53	0 15	8 5	1 18	13 51	1 26	8 44	0 45	12 9	1 47	22 5	12 31	23 26	23 24	15 0	8 31	7 2
S 22	20 25	19 24	2 15	19 34	1 46	17 53	5 22	6 7	0 16	8 7	1 19	13 49	1 26	8 43	0 44	12 9	1 47	22 4	12 31	23 26	23 23	14 58	8 32	7 2
S 23	20 13	16 11	3 10	19 0	1 44	17 55	5 21	6 21	0 17	8 9	1 19	13 46	1 26	8 42	0 44	12 9	1 47	22 3	12 31	23 26	23 23	14 55	8 33	7 2
M24	20 1	12 19	3 56	18 26	1 41	17 58	5 19	6 35	0 18	8 11	1 19	13 44	1 26	8 40	0 44	12 10	1 47	22 2	12 30	23 26	23 23	14 53	8 33	7 2
T 25	19 48	7 59	4 33	17 50	1 38	18 1	5 18	6 49	0 19	8 12	1 19	13 42	1 26	8 39	0 44	12 10	1 47	22 1	12 30	23 26	23 23	14 51	8 34	7 2
W26	19 35	3 20	4 57	17 13	1 34	18 4	5 16	7 3	0 20	8 14	1 20	13 39	1 26	8 38	0 44	12 10	1 47	22 1	12 30	23 26	23 23	14 48	8 35	7 3
T 27	19 22	1s28	5 9	16 36	1 30	18 7	5 14	7 18	0 21	8 16	1 20	13 37	1 26	8 37	0 44	12 10	1 47	22 0	12 30	23 26	23 23	14 46	8 36	7 3
F 28	19 8	6 16	5 8	15 58	1 26	18 11	5 12	7 32	0 22	8 18	1 20	13 34	1 26	8 36	0 44	12 10	1 47	21 59	12 30	23 25	23 23	14 44	8 37	7 3
S 29	18 54	10 54	4 52	15 19	1 20	18 14	5 9	7 46	0 23	8 20	1 21	13 32	1 26	8 34	0 44	12 10	1 48	21 58	12 30	23 25	23 23	14 41	8 38	7 3
S 30	18 40	15 11	4 22	14 40	1 15	18 18	5 6	8 0	0 24	8 23	1 21	13 29	1 26	8 33	0 44	12 10	1 48	21 58	12 30	23 25	23 22	14 39	8 38	7 3
M31	18n26	18s52	3s37	14n 0	1n 9	18n22	5s 3	8s14	0s25	8s25	1s21	13n27	1n26	8n32	0n44	12n10	1s48	21n57	12n30	23s25	23s22	14n37	8s39	7n 3

Julian Day Number = 2346901.5, Delta T = 10.97 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'27, Lahiri = 19°51'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

AUGUST 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 44	8♌26'49	25♏12	27♌31	26♊54	20♎40	11°R40	28♌23	10♍ 1	6♉59	3♍15	26♐13	24♐42	8♌57	18°R15	T 1
W 2	20 41 41	9°24'17	8♐57	29° 9	27°31	21°15	11♓35	28°31	10° 4	6°59	3°17	26°14	24°38	9° 4	18♒12	W 2
T 3	20 45 37	10°21'45	23° 9	0♍46	28° 9	21°51	11°29	28°38	10° 8	7° 0	3°18	26°R15	24°35	9°11	18° 8	T 3
F 4	20 49 34	11°19'14	7♑46	2°21	28°47	22°27	11°23	28°45	10°11	7° 0	3°20	26°14	24°32	9°18	18° 5	F 4
S 5	20 53 30	12°16'44	22°44	3°54	29°27	23° 3	11°17	28°53	10°14	7° 0	3°22	26°12	24°29	9°24	18° 2	S 5
S 6	20 57 27	13°14'15	7♒57	5°26	0♋ 8	23°39	11°11	29° 0	10°18	7° 0	3°24	26° 8	24°26	9°31	17°59	S 6
M 7	21 1 23	14°11'47	23°14	6°56	0°50	24°16	11° 5	29° 8	10°21	7° 0	3°26	26° 2	24°22	9°38	17°56	M 7
T 8	21 5 20	15° 9'20	8♓25	8°24	1°33	24°52	10°59	29°15	10°25	7° 0	3°28	25°55	24°19	9°44	17°53	T 8
W 9	21 9 16	16° 6'55	23°19	9°51	2°17	25°29	10°53	29°22	10°28	7° 0	3°30	25°47	24°16	9°51	17°50	W 9
T 10	21 13 13	17° 4'30	7♈49	11°16	3° 2	26° 6	10°46	29°30	10°32	7°R 1	3°32	25°41	24°13	9°58	17°46	T 10
F 11	21 17 10	18° 2'08	21°51	12°40	3°48	26°43	10°39	29°37	10°35	7° 1	3°34	25°36	24°10	10° 4	17°43	F 11
S 12	21 21 6	18°59'47	5♉23	14° 1	4°35	27°20	10°33	29°45	10°39	7° 0	3°36	25°33	24° 7	10°11	17°40	S 12
S 13	21 25 3	19°57'27	18°28	15°21	5°22	27°57	10°26	29°53	10°43	7° 0	3°38	25°D32	24° 3	10°18	17°37	S 13
M14	21 28 59	20°55'09	1♊ 9	16°39	6°10	28°34	10°19	0♍ 0	10°46	7° 0	3°40	25°33	24° 0	10°24	17°34	M14
T 15	21 32 56	21°52'53	13°30	17°55	6°59	29°11	10°12	0° 8	10°50	7° 0	3°42	25°34	23°57	10°31	17°31	T 15
W16	21 36 52	22°50'39	25°37	19°10	7°49	29°49	10° 4	0°15	10°53	7° 0	3°44	25°R34	23°54	10°38	17°27	W16
T 17	21 40 49	23°48'26	7♋33	20°22	8°40	0♏27	9°57	0°23	10°57	7° 0	3°46	25°33	23°51	10°44	17°24	T 17
F 18	21 44 45	24°46'15	19°24	21°33	9°31	1° 5	9°50	0°30	11° 1	7° 0	3°48	25°30	23°48	10°51	17°21	F 18
S 19	21 48 42	25°44'05	1♌13	22°41	10°23	1°42	9°42	0°38	11° 4	6°59	3°50	25°25	23°44	10°58	17°18	S 19
S 20	21 52 39	26°41'57	13° 2	23°47	11°15	2°21	9°35	0°46	11° 8	6°59	3°52	25°17	23°41	11° 4	17°15	S 20
M21	21 56 35	27°39'50	24°54	24°50	12° 8	2°59	9°27	0°53	11°12	6°59	3°54	25° 7	23°38	11°11	17°12	M21
T 22	22 0 32	28°37'45	6♍50	25°51	13° 2	3°37	9°20	1° 1	11°15	6°58	3°56	24°56	23°35	11°18	17° 9	T 22
W23	22 4 28	29°35'41	18°52	26°50	13°56	4°16	9°12	1° 8	11°19	6°58	3°58	24°44	23°32	11°25	17° 6	W23
T 24	22 8 25	0♍33'39	1♎ 2	27°46	14°51	4°54	9° 4	1°16	11°23	6°57	4° 0	24°32	23°28	11°31	17° 3	T 24
F 25	22 12 21	1°31'38	13°20	28°39	15°46	5°33	8°56	1°24	11°27	6°57	4° 3	24°22	23°25	11°38	17° 0	F 25
S 26	22 16 18	2°29'39	25°48	29°29	16°42	6°12	8°48	1°31	11°30	6°56	4° 5	24°14	23°22	11°45	16°57	S 26
S 27	22 20 14	3°27'41	8♏29	0♎15	17°38	6°51	8°41	1°39	11°34	6°56	4° 7	24° 9	23°19	11°51	16°54	S 27
M28	22 24 11	4°25'45	21°26	0°59	18°35	7°30	8°33	1°46	11°38	6°55	4° 9	24° 7	23°16	11°58	16°51	M28
T 29	22 28 8	5°23'50	4♐41	1°38	19°32	8° 9	8°25	1°54	11°42	6°55	4°11	24°D 6	23°13	12° 5	16°48	T 29
W30	22 32 4	6°21'56	18°18	2°14	20°30	8°48	8°17	2° 2	11°45	6°54	4°13	24°R 6	23° 9	12°11	16°45	W30
T 31	22 36 1	7♍20'04	2♑17	2♎45	21♋28	9♏27	8♓ 9	2♍ 9	11♍49	6♉54	4♍15	24♐ 6	23♐ 6	12♌18	16♒42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n11	21s41	2s40	13n20	1n 3	18n26	5s 0	8s29	0s26	8s27	1s21	13n24	1n26	8n30	0n44	12n10	1s48	21n56	12n30	23s25	23s22	14n34	8s40	7n 3
W 2	17 56	23 21	1 32	12 40	0 56	18 30	4 57	8 43	0 27	8 29	1 22	13 22	1 26	8 29	0 44	12 10	1 48	21 55	12 30	23 25	23 22	14 32	8 41	7 3
T 3	17 40	23 35	0 17	11 59	0 49	18 34	4 54	8 57	0 28	8 32	1 22	13 19	1 26	8 28	0 44	12 10	1 48	21 54	12 29	23 25	23 22	14 30	8 42	7 3
F 4	17 25	22 13	1n 2	11 19	0 42	18 38	4 50	9 11	0 28	8 34	1 22	13 16	1 26	8 27	0 44	12 10	1 48	21 54	12 29	23 25	23 22	14 27	8 43	7 3
S 5	17 9	19 17	2 18	10 38	0 35	18 42	4 47	9 26	0 29	8 37	1 22	13 14	1 26	8 25	0 44	12 10	1 48	21 53	12 29	23 25	23 22	14 25	8 44	7 3
S 6	16 52	15 0	3 26	9 57	0 27	18 46	4 43	9 40	0 30	8 39	1 22	13 11	1 26	8 24	0 44	12 10	1 48	21 52	12 29	23 25	23 22	14 23	8 45	7 3
M 7	16 36	9 43	4 19	9 16	0 19	18 50	4 39	9 54	0 31	8 42	1 23	13 9	1 26	8 23	0 44	12 10	1 48	21 51	12 29	23 25	23 21	14 20	8 46	7 3
T 8	16 19	3 54	4 53	8 36	0 11	18 53	4 35	10 8	0 32	8 44	1 23	13 6	1 26	8 21	0 44	12 10	1 48	21 50	12 29	23 25	23 21	14 18	8 47	7 3
W 9	16 2	2n 2	5 7	7 55	0 2	18 57	4 31	10 22	0 33	8 47	1 23	13 4	1 27	8 20	0 44	12 10	1 48	21 50	12 29	23 25	23 21	14 16	8 48	7 3
T 10	15 45	7 42	5 0	7 15	0s 7	19 0	4 26	10 37	0 33	8 49	1 23	13 1	1 27	8 19	0 44	12 10	1 48	21 49	12 29	23 24	23 21	14 13	8 49	7 3
F 11	15 27	12 47	4 36	6 35	0 16	19 3	4 22	10 51	0 34	8 52	1 23	12 58	1 27	8 17	0 44	12 10	1 48	21 48	12 29	23 24	23 21	14 11	8 50	7 3
S 12	15 9	17 3	3 56	5 55	0 25	19 7	4 17	11 5	0 35	8 55	1 24	12 56	1 27	8 16	0 44	12 10	1 48	21 47	12 29	23 24	23 21	14 9	8 51	7 3
S 13	14 51	20 19	3 6	5 16	0 34	19 9	4 13	11 19	0 36	8 58	1 24	12 53	1 27	8 14	0 44	12 10	1 48	21 47	12 29	23 24	23 21	14 6	8 52	7 3
M14	14 33	22 30	2 7	4 37	0 43	19 12	4 8	11 33	0 37	9 1	1 24	12 50	1 27	8 13	0 44	12 10	1 49	21 46	12 29	23 24	23 20	14 4	8 53	7 3
T 15	14 14	23 31	1 4	3 58	0 53	19 14	4 4	11 47	0 37	9 3	1 24	12 48	1 27	8 12	0 44	12 10	1 49	21 45	12 29	23 24	23 20	14 2	8 54	7 3
W16	13 55	23 24	0s 0	3 20	1 2	19 16	3 59	12 1	0 38	9 6	1 24	12 45	1 27	8 10	0 44	12 10	1 49	21 44	12 29	23 24	23 20	13 59	8 55	7 3
T 17	13 36	22 12	1 4	2 43	1 12	19 18	3 54	12 15	0 39	9 9	1 25	12 43	1 27	8 9	0 44	12 9	1 49	21 43	12 29	23 24	23 20	13 57	8 56	7 2
F 18	13 17	20 1	2 4	2 7	1 22	19 20	3 49	12 29	0 40	9 12	1 25	12 40	1 27	8 8	0 44	12 9	1 49	21 43	12 29	23 24	23 20	13 54	8 57	7 2
S 19	12 58	17 1	2 58	1 31	1 31	19 21	3 44	12 43	0 40	9 15	1 25	12 37	1 27	8 6	0 44	12 9	1 49	21 42	12 29	23 24	23 20	13 52	8 58	7 2
S 20	12 38	13 20	3 45	0 56	1 41	19 22	3 39	12 57	0 41	9 18	1 25	12 35	1 27	8 5	0 44	12 9	1 49	21 41	12 29	23 24	23 20	13 50	8 59	7 2
M21	12 18	9 7	4 22	0 21	1 51	19 22	3 34	13 11	0 42	9 21	1 25	12 32	1 27	8 3	0 44	12 9	1 49	21 40	12 29	23 23	23 19	13 47	9 0	7 2
T 22	11 58	4 33	4 48	0s12	2 1	19 22	3 29	13 25	0 43	9 24	1 25	12 29	1 27	8 2	0 44	12 9	1 49	21 40	12 29	23 23	23 19	13 45	9 1	7 2
W23	11 38	0s12	5 1	0 44	2 11	19 22	3 24	13 38	0 43	9 27	1 25	12 27	1 27	8 0	0 44	12 9	1 49	21 39	12 29	23 22	23 19	13 43	9 2	7 2
T 24	11 17	5 0	5 1	1 15	2 20	19 21	3 19	13 52	0 44	9 30	1 26	12 24	1 27	7 59	0 44	12 8	1 49	21 38	12 29	23 22	23 19	13 40	9 3	7 2
F 25	10 57	9 40	4 46	1 45	2 30	19 20	3 13	14 6	0 45	9 33	1 26	12 21	1 27	7 58	0 44	12 8	1 49	21 38	12 29	23 21	23 19	13 38	9 4	7 1
S 26	10 36	14 0	4 18	2 14	2 40	19 19	3 8	14 19	0 45	9 36	1 26	12 19	1 27	7 56	0 44	12 8	1 49	21 37	12 29	23 21	23 19	13 35	9 5	7 1
S 27	10 15	17 47	3 37	2 41	2 49	19 17	3 3	14 33	0 46	9 39	1 26	12 16	1 27	7 55	0 44	12 8	1 49	21 36	12 29	23 21	23 18	13 33	9 6	7 1
M28	9 54	20 47	2 44	3 7	2 58	19 15	2 58	14 46	0 47	9 42	1 26	12 13	1 28	7 53	0 44	12 7	1 49	21 35	12 29	23 21	23 18	13 31	9 7	7 1
T 29	9 33	22 46	1 41	3 31	3 7	19 12	2 52	15 0	0 47	9 46	1 26	12 11	1 28	7 52	0 44	12 7	1 49	21 35	12 29	23 21	23 18	13 28	9 8	7 1
W30	9 11	23 28	0 31	3 53	3 16	19 9	2 47	15 13	0 48	9 49	1 26	12 8	1 28	7 50	0 44	12 7	1 49	21 34	12 29	23 21	23 18	13 26	9 9	7 0
T 31	8n50	22s44	0n43	4s13	3s24	19n 6	2s42	15s26	0s49	9s52	1s26	12n 5	1n28	7n49	0n44	12n 7	1s50	21n33	12n29	23s21	23s18	13n23	9s10	7n 0

Julian Day Number = 2346932.5, Delta T = 10.96 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'31, Lahiri = 19°51'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

SEPTEMBER 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 57	8♍18'13	16♉41	3♎12	22♋27	10♏ 7	8°R 1	2♍17	11♍53	6°R53	4♍17	24°R 4	23♐ 3	12♌25	16°R39	F 1
S 2	22 43 54	9°16'24	1♒25	3°34	23°26	10°47	7♓53	2°24	11°57	6♉52	4°19	24♐ 1	23° 0	12°31	16♒36	S 2
S 3	22 47 50	10°14'37	16°26	3°51	24°25	11°26	7°45	2°32	12° 0	6°51	4°21	23°54	22°57	12°38	16°33	S 3
M 4	22 51 47	11°12'50	1♓35	4° 3	25°25	12° 6	7°37	2°40	12° 4	6°51	4°23	23°45	22°54	12°45	16°31	M 4
T 5	22 55 43	12°11'06	16°43	4°R 8	26°25	12°46	7°29	2°47	12° 8	6°50	4°25	23°34	22°50	12°52	16°28	T 5
W 6	22 59 40	13° 9'23	1♈38	4° 8	27°26	13°26	7°21	2°55	12°12	6°49	4°27	23°23	22°47	12°58	16°25	W 6
T 7	23 3 37	14° 7'42	16°12	4° 2	28°27	14° 6	7°14	3° 2	12°15	6°48	4°29	23°13	22°44	13° 5	16°23	T 7
F 8	23 7 33	15° 6'04	0♉20	3°49	29°28	14°46	7° 6	3°10	12°19	6°47	4°31	23° 5	22°41	13°12	16°20	F 8
S 9	23 11 30	16° 4'27	13°58	3°29	0♌30	15°27	6°58	3°17	12°23	6°46	4°33	23° 0	22°38	13°18	16°17	S 9
S 10	23 15 26	17° 2'53	27° 7	3° 3	1°32	16° 7	6°50	3°25	12°27	6°45	4°35	22°57	22°34	13°25	16°15	S 10
M11	23 19 23	18° 1'21	9♊50	2°30	2°34	16°48	6°43	3°32	12°31	6°45	4°37	22°55	22°31	13°32	16°12	M11
T 12	23 23 19	18°59'51	22°12	1°50	3°37	17°28	6°35	3°40	12°34	6°44	4°39	22°55	22°28	13°38	16°10	T 12
W13	23 27 16	19°58'23	4♋18	1° 5	4°40	18° 9	6°27	3°47	12°38	6°43	4°41	22°55	22°25	13°45	16° 7	W13
T 14	23 31 12	20°56'57	16°14	0°13	5°43	18°50	6°20	3°54	12°42	6°41	4°43	22°54	22°22	13°52	16° 5	T 14
F 15	23 35 9	21°55'34	28° 3	29♍16	6°47	19°31	6°13	4° 2	12°46	6°40	4°45	22°50	22°19	13°58	16° 3	F 15
S 16	23 39 6	22°54'12	9♌52	28°16	7°51	20°12	6° 5	4° 9	12°49	6°39	4°47	22°44	22°15	14° 5	16° 0	S 16
S 17	23 43 2	23°52'53	21°43	27°13	8°55	20°53	5°58	4°16	12°53	6°38	4°49	22°34	22°12	14°12	15°58	S 17
M18	23 46 59	24°51'36	3♍40	26° 8	10° 0	21°34	5°51	4°24	12°57	6°37	4°51	22°23	22° 9	14°19	15°56	M18
T 19	23 50 55	25°50'21	15°44	25° 3	11° 4	22°16	5°44	4°31	13° 0	6°36	4°53	22° 9	22° 6	14°25	15°54	T 19
W20	23 54 52	26°49'08	27°57	24° 0	12° 9	22°57	5°37	4°38	13° 4	6°35	4°55	21°55	22° 3	14°32	15°51	W20
T 21	23 58 48	27°47'57	10♎20	23° 0	13°15	23°39	5°30	4°46	13° 8	6°33	4°57	21°41	21°59	14°39	15°49	T 21
F 22	0 2 45	28°46'47	22°52	22° 5	14°20	24°20	5°23	4°53	13°12	6°32	4°59	21°30	21°56	14°45	15°47	F 22
S 23	0 6 41	29°45'40	5♏35	21°16	15°26	25° 2	5°17	5° 0	13°15	6°31	5° 1	21°20	21°53	14°52	15°45	S 23
S 24	0 10 38	0♎44'35	18°29	20°35	16°32	25°44	5°10	5° 7	13°19	6°30	5° 3	21°14	21°50	14°59	15°43	S 24
M25	0 14 34	1°43'31	1♐35	20° 3	17°38	26°26	5° 4	5°14	13°23	6°28	5° 5	21°11	21°47	15° 5	15°41	M25
T 26	0 18 31	2°42'30	14°54	19°41	18°44	27° 8	4°58	5°21	13°26	6°27	5° 7	21° 9	21°44	15°12	15°40	T 26
W27	0 22 28	3°41'30	28°29	19°28	19°51	27°50	4°52	5°28	13°30	6°26	5° 8	21° 9	21°40	15°19	15°38	W27
T 28	0 26 24	4°40'32	12♑21	19°D26	20°58	28°32	4°46	5°35	13°33	6°24	5°10	21° 9	21°37	15°25	15°36	T 28
F 29	0 30 21	5°39'35	26°31	19°34	22° 5	29°15	4°40	5°42	13°37	6°23	5°12	21° 8	21°34	15°32	15°35	F 29
S 30	0 34 17	6♎38'41	10♒57	19♍52	23♌12	29♏57	4♓35	5♍49	13♍40	6♉22	5♍14	21♐ 4	21♐31	15♌39	15♒33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n28	20s30	1n57	4s31	3s32	19n 2	2s36	15s39	0s49	9s55	1s26	12n 3	1n28	7n48	0n44	12n 6	1s50	21n33	12n30	23s21	23s18	13n21	9s11	7n 0
S 2	8 6	16 53	3 4	4 46	3 39	18 57	2 31	15 52	0 50	9 58	1 26	12 0	1 28	7 46	0 44	12 6	1 50	21 32	12 30	23 20	23 17	13 19	9 12	7 0
S 3	7 44	12 7	4 0	4 59	3 46	18 53	2 26	16 5	0 51	10 1	1 27	11 57	1 28	7 45	0 44	12 6	1 50	21 31	12 30	23 20	23 17	13 16	9 13	7 0
M 4	7 22	6 35	4 39	5 9	3 52	18 47	2 20	16 18	0 51	10 4	1 27	11 55	1 28	7 43	0 44	12 6	1 50	21 31	12 30	23 20	23 17	13 14	9 14	6 59
T 5	7 0	0 40	4 59	5 17	3 57	18 41	2 15	16 31	0 52	10 7	1 27	11 52	1 28	7 42	0 44	12 5	1 50	21 30	12 30	23 19	23 17	13 11	9 15	6 59
W 6	6 38	5n12	4 58	5 21	4 2	18 35	2 10	16 44	0 53	10 10	1 27	11 49	1 28	7 40	0 44	12 5	1 50	21 29	12 30	23 19	23 17	13 9	9 16	6 59
T 7	6 15	10 39	4 37	5 22	4 6	18 28	2 4	16 56	0 53	10 13	1 27	11 47	1 28	7 39	0 44	12 5	1 50	21 29	12 30	23 18	23 17	13 7	9 17	6 58
F 8	5 53	15 21	4 0	5 19	4 8	18 21	1 59	17 9	0 54	10 16	1 27	11 44	1 28	7 37	0 44	12 4	1 50	21 28	12 30	23 18	23 16	13 4	9 18	6 58
S 9	5 30	19 5	3 11	5 12	4 9	18 13	1 54	17 21	0 54	10 19	1 27	11 41	1 29	7 36	0 44	12 4	1 50	21 27	12 31	23 17	23 16	13 2	9 19	6 58
S 10	5 7	21 41	2 12	5 1	4 9	18 5	1 48	17 34	0 55	10 21	1 27	11 39	1 29	7 35	0 44	12 4	1 50	21 27	12 31	23 17	23 16	12 59	9 20	6 58
M11	4 45	23 6	1 9	4 47	4 7	17 56	1 43	17 46	0 55	10 24	1 27	11 36	1 29	7 33	0 44	12 3	1 50	21 26	12 31	23 17	23 16	12 57	9 21	6 57
T 12	4 22	23 19	0 4	4 28	4 4	17 47	1 38	17 58	0 56	10 27	1 27	11 34	1 29	7 32	0 44	12 3	1 50	21 25	12 31	23 17	23 16	12 55	9 22	6 57
W13	3 59	22 25	1s 0	4 5	3 59	17 38	1 33	18 10	0 57	10 30	1 27	11 31	1 29	7 30	0 44	12 2	1 50	21 25	12 31	23 17	23 16	12 52	9 23	6 57
T 14	3 36	20 30	2 0	3 38	3 52	17 27	1 27	18 22	0 57	10 33	1 27	11 28	1 29	7 29	0 44	12 2	1 50	21 24	12 31	23 17	23 15	12 50	9 24	6 56
F 15	3 12	17 44	2 54	3 7	3 43	17 17	1 22	18 34	0 58	10 35	1 27	11 26	1 29	7 27	0 44	12 2	1 50	21 24	12 31	23 17	23 15	12 47	9 25	6 56
S 16	2 49	14 15	3 41	2 33	3 32	17 6	1 17	18 45	0 58	10 38	1 27	11 23	1 29	7 26	0 44	12 1	1 50	21 23	12 32	23 17	23 15	12 45	9 26	6 56
S 17	2 26	10 13	4 18	1 56	3 19	16 54	1 12	18 57	0 59	10 41	1 27	11 21	1 29	7 25	0 44	12 1	1 50	21 22	12 32	23 16	23 15	12 42	9 27	6 55
M18	2 3	5 46	4 44	1 17	3 4	16 42	1 7	19 8	0 59	10 43	1 27	11 18	1 29	7 23	0 44	12 0	1 50	21 22	12 32	23 15	23 15	12 40	9 28	6 55
T 19	1 39	1 3	4 58	0 36	2 48	16 29	1 2	19 19	1 0	10 46	1 27	11 16	1 30	7 22	0 44	12 0	1 50	21 21	12 32	23 15	23 14	12 38	9 29	6 55
W20	1 16	3s44	4 58	0n 5	2 30	16 16	0 57	19 31	1 0	10 48	1 27	11 13	1 30	7 20	0 44	12 0	1 50	21 21	12 32	23 14	23 14	12 35	9 30	6 54
T 21	0 53	8 27	4 44	0 46	2 12	16 2	0 52	19 42	1 1	10 51	1 26	11 10	1 30	7 19	0 44	11 59	1 51	21 20	12 33	23 13	23 14	12 33	9 31	6 54
F 22	0 29	12 52	4 17	1 26	1 52	15 48	0 47	19 52	1 1	10 53	1 26	11 8	1 30	7 18	0 44	11 59	1 51	21 20	12 33	23 12	23 14	12 30	9 32	6 54
S 23	0 6	16 48	3 36	2 3	1 32	15 34	0 42	20 3	1 2	10 56	1 26	11 5	1 30	7 16	0 44	11 58	1 51	21 19	12 33	23 12	23 14	12 28	9 33	6 53
S 24	0s18	19 58	2 44	2 38	1 12	15 19	0 37	20 14	1 2	10 58	1 26	11 3	1 30	7 15	0 44	11 58	1 51	21 19	12 33	23 11	23 13	12 25	9 34	6 53
M25	0 41	22 10	1 42	3 9	0 52	15 3	0 33	20 24	1 3	11 0	1 26	11 0	1 30	7 13	0 44	11 57	1 51	21 18	12 33	23 11	23 13	12 23	9 35	6 53
T 26	1 5	23 10	0 33	3 36	0 32	14 47	0 28	20 34	1 3	11 2	1 26	10 58	1 31	7 12	0 44	11 57	1 51	21 18	12 34	23 11	23 13	12 21	9 36	6 52
W27	1 28	22 49	0n39	3 59	0 13	14 31	0 23	20 44	1 3	11 5	1 26	10 55	1 31	7 11	0 44	11 56	1 51	21 17	12 34	23 11	23 13	12 18	9 37	6 52
T 28	1 52	21 5	1 50	4 16	0n 5	14 14	0 19	20 54	1 4	11 7	1 26	10 53	1 31	7 9	0 44	11 56	1 51	21 17	12 34	23 11	23 13	12 16	9 38	6 51
F 29	2 15	18 1	2 56	4 28	0 22	13 57	0 14	21 4	1 4	11 9	1 26	10 51	1 31	7 8	0 44	11 55	1 51	21 16	12 34	23 11	23 12	12 13	9 38	6 51
S 30	2s39	13s48	3n52	4n35	0n37	13n39	0s10	21s14	1s 5	11s11	1s26	10n48	1n31	7n 6	0n44	11n55	1s51	21n16	12n35	23s10	23s12	12n11	9s39	6n51

Julian Day Number = 2346963.5, Delta T = 10.95 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'35, Lahiri = 19°51'36Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1713
geocentric

OCTOBER 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 14	7♎37'48	25♒37	20♍21	24♌19	0♐40	4°R29	5♍56	13♍44	6°R20	5♍16	20°R58	21♐28	15♌46	15°R31	S 1
M 2	0 42 10	8°36'57	10♓24	20°58	25°27	1°22	4♓24	6° 3	13°48	6♉19	5°17	20♐49	21°25	15°52	15♒30	M 2
T 3	0 46 7	9°36'07	25°13	21°45	26°35	2° 5	4°19	6°10	13°51	6°17	5°19	20°39	21°21	15°59	15°28	T 3
W 4	0 50 3	10°35'20	9♈54	22°40	27°43	2°48	4°14	6°16	13°55	6°16	5°21	20°28	21°18	16° 6	15°27	W 4
T 5	0 54 0	11°34'35	24°18	23°41	28°51	3°30	4° 9	6°23	13°58	6°14	5°23	20°18	21°15	16°12	15°26	T 5
F 6	0 57 57	12°33'51	8♉21	24°50	29°59	4°13	4° 4	6°30	14° 1	6°13	5°24	20°10	21°12	16°19	15°25	F 6
S 7	1 1 53	13°33'11	21°58	26° 4	1♍ 8	4°56	4° 0	6°36	14° 5	6°11	5°26	20° 4	21° 9	16°26	15°23	S 7
S 8	1 5 50	14°32'32	5♊ 9	27°24	2°17	5°39	3°56	6°43	14° 8	6°10	5°28	20° 1	21° 5	16°32	15°22	S 8
M 9	1 9 46	15°31'56	17°55	28°48	3°26	6°22	3°51	6°49	14°12	6° 8	5°30	20°D 0	21° 2	16°39	15°21	M 9
T 10	1 13 43	16°31'22	0♋20	0♎15	4°35	7° 6	3°47	6°56	14°15	6° 7	5°31	20° 0	20°59	16°46	15°20	T 10
W11	1 17 39	17°30'50	12°28	1°46	5°44	7°49	3°44	7° 2	14°18	6° 5	5°33	20°R 1	20°56	16°53	15°19	W11
T 12	1 21 36	18°30'21	24°25	3°19	6°54	8°32	3°40	7° 9	14°22	6° 4	5°34	20° 1	20°53	16°59	15°18	T 12
F 13	1 25 32	19°29'54	6♌16	4°55	8° 3	9°16	3°37	7°15	14°25	6° 2	5°36	19°59	20°50	17° 6	15°17	F 13
S 14	1 29 29	20°29'29	18° 7	6°32	9°13	9°59	3°34	7°21	14°28	6° 0	5°38	19°55	20°46	17°13	15°17	S 14
S 15	1 33 26	21°29'06	0♍ 0	8°11	10°23	10°43	3°31	7°28	14°31	5°59	5°39	19°49	20°43	17°19	15°16	S 15
M16	1 37 22	22°28'46	12° 2	9°50	11°33	11°27	3°28	7°34	14°35	5°57	5°41	19°40	20°40	17°26	15°15	M16
T 17	1 41 19	23°28'27	24°14	11°31	12°43	12°11	3°25	7°40	14°38	5°55	5°42	19°30	20°37	17°33	15°15	T 17
W18	1 45 15	24°28'11	6♎38	13°11	13°54	12°55	3°23	7°46	14°41	5°54	5°44	19°20	20°34	17°39	15°14	W18
T 19	1 49 12	25°27'57	19°15	14°53	15° 4	13°38	3°21	7°52	14°44	5°52	5°45	19°10	20°31	17°46	15°14	T 19
F 20	1 53 8	26°27'45	2♏ 6	16°34	16°15	14°23	3°19	7°58	14°47	5°50	5°47	19° 1	20°27	17°53	15°13	F 20
S 21	1 57 5	27°27'35	15° 9	18°16	17°25	15° 7	3°17	8° 4	14°50	5°49	5°48	18°54	20°24	18° 0	15°13	S 21
S 22	2 1 1	28°27'27	28°24	19°57	18°36	15°51	3°15	8° 9	14°53	5°47	5°50	18°50	20°21	18° 6	15°13	S 22
M23	2 4 58	29°27'21	11♐50	21°38	19°47	16°35	3°14	8°15	14°56	5°45	5°51	18°48	20°18	18°13	15°13	M23
T 24	2 8 55	0♏27'17	25°26	23°19	20°58	17°19	3°12	8°21	14°59	5°44	5°52	18°D47	20°15	18°20	15°13	T 24
W25	2 12 51	1°27'14	9♑12	25° 0	22° 9	18° 4	3°11	8°26	15° 2	5°42	5°54	18°49	20°11	18°26	15°D13	W25
T 26	2 16 48	2°27'13	23° 8	26°41	23°21	18°48	3°11	8°32	15° 5	5°40	5°55	18°50	20° 8	18°33	15°13	T 26
F 27	2 20 44	3°27'13	7♒12	28°21	24°32	19°33	3°10	8°37	15° 8	5°39	5°56	18°R50	20° 5	18°40	15°13	F 27
S 28	2 24 41	4°27'15	21°25	0♏ 0	25°44	20°17	3°10	8°43	15°10	5°37	5°57	18°49	20° 2	18°46	15°13	S 28
S 29	2 28 37	5°27'19	5♓44	1°40	26°55	21° 2	3°D10	8°48	15°13	5°35	5°59	18°45	19°59	18°53	15°13	S 29
M30	2 32 34	6°27'24	20° 6	3°19	28° 7	21°47	3°10	8°53	15°16	5°34	6° 0	18°40	19°56	19° 0	15°13	M30
T 31	2 36 30	7♏27'30	4♈26	4♏57	29♍19	22♐32	3♓10	8♍58	15♍18	5♉32	6♍ 1	18♐34	19♐52	19♌ 7	15♒14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s 2	8 s43	4n33	4n37	0n52	13n21	0 s 5	21 s23	1 s 5	11 s12	1 s26	10n46	1n31	7n 5	0n44	11n54	1 s51	21n15	12n35	23 s10	23 s12	12n 8	9 s40	6n50
M 2	3 25	3 6	4 57	4 34	1 4	13 3	0 1	21 32	1 6	11 14	1 25	10 43	1 31	7 4	0 44	11 54	1 51	21 15	12 35	23 9	23 12	12 6	9 41	6 50
T 3	3 49	2n42	5 1	4 26	1 16	12 44	0n 3	21 41	1 6	11 16	1 25	10 41	1 31	7 2	0 44	11 53	1 51	21 14	12 36	23 9	23 12	12 4	9 42	6 49
W 4	4 12	8 17	4 45	4 14	1 26	12 24	0 8	21 50	1 6	11 18	1 25	10 39	1 32	7 1	0 44	11 53	1 51	21 14	12 36	23 8	23 11	12 1	9 43	6 49
T 5	4 35	13 19	4 11	3 57	1 34	12 5	0 12	21 59	1 7	11 19	1 25	10 36	1 32	7 0	0 44	11 52	1 51	21 14	12 36	23 7	23 11	11 59	9 43	6 48
F 6	4 58	17 30	3 22	3 36	1 41	11 44	0 16	22 7	1 7	11 21	1 25	10 34	1 32	6 58	0 44	11 52	1 51	21 13	12 36	23 7	23 11	11 56	9 44	6 48
S 7	5 21	20 36	2 23	3 12	1 47	11 24	0 20	22 16	1 7	11 23	1 25	10 32	1 32	6 57	0 44	11 51	1 51	21 13	12 37	23 6	23 11	11 54	9 45	6 48
S 8	5 44	22 28	1 18	2 45	1 52	11 3	0 24	22 24	1 8	11 24	1 25	10 29	1 32	6 56	0 44	11 51	1 51	21 13	12 37	23 6	23 11	11 51	9 46	6 47
M 9	6 7	23 7	0 11	2 15	1 55	10 42	0 28	22 32	1 8	11 25	1 25	10 27	1 32	6 55	0 44	11 50	1 51	21 12	12 37	23 6	23 10	11 49	9 46	6 47
T 10	6 30	22 34	0 s55	1 42	1 58	10 20	0 32	22 39	1 9	11 27	1 24	10 25	1 33	6 53	0 44	11 50	1 51	21 12	12 38	23 6	23 10	11 46	9 47	6 46
W11	6 53	20 57	1 57	1 7	1 59	9 58	0 35	22 47	1 9	11 28	1 24	10 22	1 33	6 52	0 44	11 49	1 51	21 12	12 38	23 6	23 10	11 44	9 48	6 46
T 12	7 16	18 26	2 53	0 31	2 0	9 36	0 39	22 54	1 9	11 29	1 24	10 20	1 33	6 51	0 44	11 49	1 51	21 11	12 38	23 6	23 10	11 41	9 48	6 45
F 13	7 38	15 10	3 41	0 s 8	2 0	9 13	0 43	23 1	1 9	11 30	1 24	10 18	1 33	6 50	0 44	11 48	1 51	21 11	12 39	23 6	23 9	11 39	9 49	6 45
S 14	8 1	11 18	4 20	0 47	1 58	8 50	0 46	23 8	1 10	11 31	1 24	10 16	1 33	6 48	0 44	11 48	1 51	21 11	12 39	23 6	23 9	11 37	9 50	6 44
S 15	8 23	7 0	4 47	1 28	1 57	8 27	0 49	23 15	1 10	11 32	1 24	10 14	1 33	6 47	0 44	11 47	1 51	21 10	12 39	23 5	23 9	11 34	9 50	6 44
M16	8 46	2 24	5 2	2 9	1 54	8 3	0 53	23 21	1 10	11 33	1 23	10 12	1 34	6 46	0 44	11 47	1 51	21 10	12 40	23 4	23 9	11 32	9 51	6 44
T 17	9 8	2 s21	5 4	2 51	1 51	7 39	0 56	23 27	1 11	11 34	1 23	10 9	1 34	6 45	0 44	11 46	1 51	21 10	12 40	23 4	23 9	11 29	9 52	6 43
W18	9 30	7 5	4 51	3 34	1 48	7 15	0 59	23 33	1 11	11 34	1 23	10 7	1 34	6 44	0 44	11 45	1 51	21 10	12 40	23 3	23 8	11 27	9 52	6 43
T 19	9 52	11 37	4 24	4 17	1 44	6 51	1 2	23 39	1 11	11 35	1 23	10 5	1 34	6 42	0 45	11 45	1 51	21 9	12 41	23 2	23 8	11 24	9 53	6 42
F 20	10 14	15 43	3 44	5 0	1 39	6 26	1 5	23 45	1 12	11 36	1 23	10 3	1 34	6 41	0 45	11 44	1 51	21 9	12 41	23 1	23 8	11 22	9 53	6 42
S 21	10 35	19 7	2 51	5 43	1 35	6 1	1 8	23 50	1 12	11 36	1 23	10 1	1 35	6 40	0 45	11 44	1 51	21 9	12 41	23 1	23 8	11 19	9 54	6 41
S 22	10 57	21 35	1 48	6 26	1 30	5 36	1 11	23 55	1 12	11 36	1 22	9 59	1 35	6 39	0 45	11 43	1 51	21 9	12 42	23 0	23 7	11 17	9 54	6 41
M23	11 18	22 52	0 37	7 9	1 24	5 11	1 14	24 0	1 12	11 37	1 22	9 57	1 35	6 38	0 45	11 43	1 51	21 8	12 42	23 0	23 7	11 14	9 55	6 40
T 24	11 39	22 48	0n36	7 51	1 19	4 45	1 16	24 4	1 12	11 37	1 22	9 55	1 35	6 37	0 45	11 42	1 51	21 8	12 42	23 0	23 7	11 12	9 55	6 40
W25	12 0	21 22	1 48	8 34	1 13	4 19	1 19	24 9	1 13	11 37	1 22	9 53	1 35	6 36	0 45	11 42	1 51	21 8	12 43	23 0	23 7	11 9	9 56	6 39
T 26	12 21	18 37	2 55	9 16	1 7	3 53	1 21	24 13	1 13	11 37	1 22	9 52	1 35	6 35	0 45	11 41	1 51	21 8	12 43	23 0	23 7	11 7	9 56	6 39
F 27	12 41	14 46	3 51	9 57	1 1	3 27	1 24	24 17	1 13	11 37	1 21	9 50	1 36	6 33	0 45	11 40	1 51	21 8	12 44	23 0	23 6	11 4	9 57	6 38
S 28	13 1	10 3	4 35	10 39	0 54	3 1	1 26	24 20	1 13	11 37	1 21	9 48	1 36	6 32	0 45	11 40	1 51	21 8	12 44	23 0	23 6	11 2	9 57	6 38
S 29	13 22	4 45	5 1	11 19	0 48	2 34	1 28	24 24	1 14	11 37	1 21	9 46	1 36	6 31	0 45	11 39	1 51	21 8	12 44	23 0	23 6	10 59	9 57	6 37
M30	13 42	0n49	5 9	11 59	0 42	2 8	1 30	24 27	1 14	11 37	1 21	9 44	1 36	6 30	0 45	11 39	1 51	21 8	12 45	23 0	23 6	10 57	9 58	6 37
T 31	14 s 1	6n19	4n57	12 s39	0n35	1n41	1n32	24 s30	1 s14	11 s37	1 s21	9n43	1n36	6n29	0n45	11n38	1 s51	21n 7	12n45	22 s59	23 s 5	10n55	9 s58	6n37

Julian Day Number = 2346993.5, Delta T = 10.94 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'39, Lahiri = 19°51'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

NOVEMBER 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 40 27	8♏27'39	18♈40	6♏35	0♎31	23♐17	3♓10	9♍ 3	15♍21	5°R30	6♍ 2	18°R27	19♐49	19♌13	15♒14	W 1
T 2	2 44 23	9°27'49	2♉42	8°13	1°43	24° 1	3°11	9° 8	15°24	5♉29	6° 3	18♐21	19°46	19°20	15°15	T 2
F 3	2 48 20	10°28'01	16°27	9°50	2°55	24°46	3°12	9°13	15°26	5°27	6° 4	18°16	19°43	19°27	15°15	F 3
S 4	2 52 17	11°28'14	29°53	11°27	4° 7	25°32	3°13	9°18	15°29	5°25	6° 6	18°13	19°40	19°33	15°16	S 4
S 5	2 56 13	12°28'30	12♊57	13° 3	5°20	26°17	3°14	9°23	15°31	5°24	6° 7	18°D11	19°36	19°40	15°16	S 5
M 6	3 0 10	13°28'48	25°41	14°39	6°32	27° 2	3°15	9°28	15°34	5°22	6° 8	18°11	19°33	19°47	15°17	M 6
T 7	3 4 6	14°29'07	8♋ 7	16°15	7°45	27°47	3°17	9°32	15°36	5°20	6° 9	18°13	19°30	19°53	15°18	T 7
W 8	3 8 3	15°29'29	20°17	17°51	8°57	28°32	3°19	9°37	15°38	5°19	6°10	18°14	19°27	20° 0	15°19	W 8
T 9	3 11 59	16°29'52	2♌16	19°26	10°10	29°18	3°21	9°41	15°41	5°17	6°10	18°16	19°24	20° 7	15°20	T 9
F 10	3 15 56	17°30'17	14° 9	21° 1	11°23	0♑ 3	3°23	9°45	15°43	5°15	6°11	18°R17	19°21	20°14	15°21	F 10
S 11	3 19 53	18°30'44	26° 0	22°35	12°36	0°49	3°26	9°50	15°45	5°14	6°12	18°17	19°17	20°20	15°22	S 11
S 12	3 23 49	19°31'13	7♍55	24° 9	13°49	1°34	3°28	9°54	15°47	5°12	6°13	18°15	19°14	20°27	15°23	S 12
M13	3 27 46	20°31'44	19°58	25°43	15° 2	2°20	3°31	9°58	15°49	5°10	6°14	18°12	19°11	20°34	15°24	M13
T 14	3 31 42	21°32'16	2♎13	27°17	16°15	3° 5	3°34	10° 2	15°51	5° 9	6°15	18° 9	19° 8	20°40	15°25	T 14
W15	3 35 39	22°32'50	14°44	28°51	17°28	3°51	3°38	10° 6	15°53	5° 7	6°15	18° 4	19° 5	20°47	15°27	W15
T 16	3 39 35	23°33'26	27°32	0♐24	18°41	4°37	3°41	10°10	15°55	5° 6	6°16	18° 0	19° 2	20°54	15°28	T 16
F 17	3 43 32	24°34'04	10♏38	1°57	19°54	5°23	3°45	10°13	15°57	5° 4	6°17	17°56	18°58	21° 1	15°30	F 17
S 18	3 47 28	25°34'43	24° 2	3°30	21° 8	6° 9	3°48	10°17	15°59	5° 2	6°18	17°54	18°55	21° 7	15°31	S 18
S 19	3 51 25	26°35'24	7♐42	5° 3	22°21	6°55	3°52	10°21	16° 1	5° 1	6°18	17°52	18°52	21°14	15°33	S 19
M20	3 55 21	27°36'06	21°35	6°36	23°35	7°40	3°57	10°24	16° 3	4°59	6°19	17°D52	18°49	21°21	15°34	M20
T 21	3 59 18	28°36'49	5♑38	8° 8	24°48	8°27	4° 1	10°27	16° 5	4°58	6°19	17°53	18°46	21°27	15°36	T 21
W22	4 3 15	29°37'34	19°48	9°40	26° 2	9°13	4° 6	10°31	16° 6	4°56	6°20	17°54	18°42	21°34	15°38	W22
T 23	4 7 11	0♐38'19	4♒ 1	11°12	27°16	9°59	4°10	10°34	16° 8	4°55	6°20	17°55	18°39	21°41	15°40	T 23
F 24	4 11 8	1°39'06	18°14	12°44	28°29	10°45	4°15	10°37	16°10	4°53	6°21	17°56	18°36	21°47	15°42	F 24
S 25	4 15 4	2°39'53	2♓26	14°16	29°43	11°31	4°21	10°40	16°11	4°52	6°21	17°R57	18°33	21°54	15°43	S 25
S 26	4 19 1	3°40'42	16°34	15°48	0♏57	12°17	4°26	10°43	16°12	4°51	6°22	17°56	18°30	22° 1	15°45	S 26
M27	4 22 57	4°41'31	0♈36	17°19	2°11	13° 4	4°31	10°45	16°14	4°49	6°22	17°55	18°27	22° 8	15°48	M27
T 28	4 26 54	5°42'21	14°30	18°50	3°25	13°50	4°37	10°48	16°15	4°48	6°23	17°54	18°23	22°14	15°50	T 28
W29	4 30 51	6°43'12	28°15	20°21	4°39	14°36	4°43	10°51	16°17	4°46	6°23	17°52	18°20	22°21	15°52	W29
T 30	4 34 47	7♐44'04	11♉48	21♐52	5♏53	15♑23	4♓49	10♍53	16♍18	4♉45	6♍23	17♐51	18♐17	22♌28	15♒54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s21	11n27	4n28	13s17	0n28	1n14	1n34	24s32	1s14	11s36	1s20	9n41	1n37	6n28	0n45	11n38	1s51	21n 7	12n46	22s58	23s 5	10n52	9s59	6n36
T 2	14 40	15 54	3 42	13 56	0 22	0 47	1 36	24 35	1 14	11 36	1 20	9 39	1 37	6 27	0 45	11 37	1 51	21 7	12 46	22 58	23 5	10 50	9 59	6 36
F 3	14 59	19 24	2 44	14 33	0 15	0 20	1 38	24 37	1 14	11 35	1 20	9 37	1 37	6 26	0 45	11 37	1 51	21 7	12 46	22 57	23 5	10 47	9 59	6 35
S 4	15 18	21 45	1 38	15 10	0 8	0s 7	1 39	24 38	1 15	11 35	1 20	9 36	1 37	6 25	0 45	11 36	1 51	21 7	12 47	22 57	23 4	10 45	9 59	6 35
S 5	15 36	22 52	0 28	15 46	0 1	0 35	1 41	24 40	1 15	11 34	1 20	9 34	1 38	6 25	0 45	11 35	1 51	21 7	12 47	22 57	23 4	10 42	10 0	6 34
M 6	15 55	22 43	0s41	16 21	0s 5	1 2	1 42	24 41	1 15	11 34	1 19	9 33	1 38	6 24	0 45	11 35	1 51	21 7	12 48	22 57	23 4	10 40	10 0	6 34
T 7	16 13	21 27	1 47	16 55	0 12	1 30	1 43	24 42	1 15	11 33	1 19	9 31	1 38	6 23	0 45	11 34	1 51	21 7	12 48	22 57	23 4	10 37	10 0	6 33
W 8	16 30	19 12	2 46	17 28	0 19	1 57	1 45	24 43	1 15	11 32	1 19	9 30	1 38	6 22	0 45	11 34	1 51	21 7	12 49	22 57	23 3	10 35	10 0	6 33
T 9	16 48	16 9	3 38	18 1	0 25	2 25	1 46	24 44	1 15	11 31	1 19	9 28	1 38	6 21	0 45	11 33	1 51	21 7	12 49	22 57	23 3	10 32	10 1	6 32
F 10	17 5	12 28	4 20	18 33	0 32	2 52	1 47	24 44	1 15	11 30	1 19	9 27	1 39	6 20	0 45	11 33	1 51	21 7	12 49	22 58	23 3	10 30	10 1	6 32
S 11	17 22	8 19	4 50	19 4	0 38	3 20	1 48	24 44	1 15	11 29	1 18	9 25	1 39	6 19	0 45	11 32	1 51	21 7	12 50	22 57	23 3	10 27	10 1	6 31
S 12	17 38	3 51	5 8	19 34	0 45	3 47	1 49	24 43	1 15	11 28	1 18	9 24	1 39	6 19	0 45	11 32	1 51	21 8	12 50	22 57	23 2	10 25	10 1	6 31
M13	17 55	0s49	5 13	20 2	0 51	4 15	1 50	24 43	1 15	11 26	1 18	9 23	1 39	6 18	0 45	11 31	1 51	21 8	12 51	22 57	23 2	10 22	10 1	6 30
T 14	18 11	5 32	5 4	20 30	0 57	4 42	1 50	24 42	1 16	11 25	1 18	9 21	1 40	6 17	0 45	11 31	1 51	21 8	12 51	22 57	23 2	10 20	10 1	6 30
W15	18 26	10 7	4 40	20 57	1 3	5 10	1 51	24 41	1 16	11 24	1 18	9 20	1 40	6 16	0 45	11 30	1 51	21 8	12 52	22 56	23 2	10 17	10 1	6 29
T 16	18 41	14 23	4 2	21 23	1 9	5 37	1 51	24 39	1 16	11 22	1 17	9 19	1 40	6 15	0 45	11 30	1 51	21 8	12 52	22 56	23 1	10 15	10 1	6 29
F 17	18 56	18 3	3 11	21 48	1 15	6 4	1 52	24 38	1 16	11 21	1 17	9 18	1 40	6 15	0 45	11 29	1 51	21 8	12 52	22 56	23 1	10 12	10 1	6 29
S 18	19 11	20 52	2 8	22 12	1 20	6 32	1 52	24 36	1 16	11 19	1 17	9 16	1 40	6 14	0 46	11 29	1 51	21 8	12 53	22 55	23 1	10 10	10 1	6 28
S 19	19 25	22 33	0 56	22 35	1 26	6 59	1 52	24 33	1 16	11 18	1 17	9 15	1 41	6 13	0 46	11 28	1 51	21 9	12 53	22 55	23 1	10 7	10 1	6 28
M20	19 39	22 52	0n21	22 56	1 31	7 26	1 52	24 31	1 16	11 16	1 16	9 14	1 41	6 13	0 46	11 28	1 51	21 9	12 54	22 55	23 0	10 5	10 1	6 27
T 21	19 53	21 45	1 37	23 17	1 36	7 53	1 53	24 28	1 16	11 14	1 16	9 13	1 41	6 12	0 46	11 27	1 51	21 9	12 54	22 55	23 0	10 2	10 1	6 27
W22	20 6	19 15	2 47	23 36	1 41	8 19	1 53	24 25	1 16	11 12	1 16	9 12	1 41	6 11	0 46	11 27	1 51	21 9	12 55	22 55	23 0	10 0	10 1	6 26
T 23	20 19	15 35	3 48	23 54	1 46	8 46	1 52	24 22	1 16	11 10	1 16	9 11	1 42	6 11	0 46	11 26	1 51	21 9	12 55	22 56	22 59	9 57	10 1	6 26
F 24	20 31	11 1	4 35	24 11	1 50	9 12	1 52	24 18	1 16	11 8	1 16	9 10	1 42	6 10	0 46	11 26	1 51	21 10	12 56	22 56	22 59	9 55	10 1	6 25
S 25	20 43	5 53	5 5	24 26	1 54	9 39	1 52	24 14	1 16	11 6	1 15	9 9	1 42	6 10	0 46	11 25	1 51	21 10	12 56	22 56	22 59	9 52	10 1	6 25
S 26	20 55	0 27	5 16	24 41	1 58	10 5	1 52	24 10	1 16	11 4	1 15	9 8	1 42	6 9	0 46	11 25	1 51	21 10	12 57	22 56	22 59	9 50	10 1	6 25
M27	21 6	4n57	5 9	24 54	2 2	10 31	1 51	24 5	1 16	11 2	1 15	9 8	1 43	6 9	0 46	11 24	1 51	21 10	12 57	22 56	22 58	9 47	10 0	6 24
T 28	21 17	10 4	4 43	25 5	2 5	10 56	1 51	24 1	1 16	11 0	1 15	9 7	1 43	6 8	0 46	11 24	1 51	21 11	12 58	22 55	22 58	9 45	10 0	6 24
W29	21 28	14 37	4 1	25 16	2 8	11 22	1 50	23 56	1 16	10 57	1 15	9 6	1 43	6 8	0 46	11 24	1 51	21 11	12 58	22 55	22 58	9 42	10 0	6 23
T 30	21s38	18n21	3n 7	25s24	2s11	11s47	1n49	23s50	1s15	10s55	1s14	9n 5	1n43	6n 7	0n46	11n23	1s51	21n11	12n58	22s55	22s58	9n40	10s 0	6n23

Julian Day Number = 2347024.5, Delta T = 10.93 sec
Ecliptic obliquity = 23°28'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'44, Lahiri = 19°51'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1713
geocentric

DECEMBER 1713 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 44	8♐44'57	25♉ 7	23♐22	7♏ 7	16♑ 9	4♓55	10♍55	16♍19	4°R44	6♍23	17°R50	18♐14	22♌34	15♒56	F 1
S 2	4 42 40	9°45'51	8♊12	24°52	8°21	16°56	5° 1	10°58	16°20	4♉42	6°24	17♐49	18°11	22°41	15°59	S 2
S 3	4 46 37	10°46'46	21° 2	26°22	9°35	17°42	5° 8	11° 0	16°21	4°41	6°24	17°D49	18° 8	22°48	16° 1	S 3
M 4	4 50 33	11°47'42	3♋37	27°51	10°49	18°29	5°15	11° 2	16°22	4°40	6°24	17°49	18° 4	22°55	16° 4	M 4
T 5	4 54 30	12°48'39	15°57	29°19	12° 3	19°15	5°22	11° 4	16°23	4°38	6°24	17°50	18° 1	23° 1	16° 6	T 5
W 6	4 58 26	13°49'38	28° 5	0♑47	13°18	20° 2	5°29	11° 6	16°24	4°37	6°24	17°50	17°58	23° 8	16° 9	W 6
T 7	5 2 23	14°50'37	10♌ 4	2°14	14°32	20°49	5°36	11° 7	16°25	4°36	6°24	17°51	17°55	23°15	16°11	T 7
F 8	5 6 20	15°51'37	21°58	3°40	15°46	21°35	5°43	11° 9	16°26	4°35	6°24	17°51	17°52	23°21	16°14	F 8
S 9	5 10 16	16°52'38	3♍49	5° 5	17° 1	22°22	5°51	11°10	16°27	4°34	6°R24	17°51	17°48	23°28	16°17	S 9
S 10	5 14 13	17°53'41	15°43	6°28	18°15	23° 9	5°58	11°12	16°27	4°33	6°24	17°51	17°45	23°35	16°19	S 10
M11	5 18 9	18°54'44	27°45	7°50	19°30	23°56	6° 6	11°13	16°28	4°31	6°24	17°51	17°42	23°42	16°22	M11
T 12	5 22 6	19°55'48	9♎58	9° 9	20°44	24°43	6°14	11°14	16°29	4°30	6°24	17°51	17°39	23°48	16°25	T 12
W13	5 26 2	20°56'53	22°29	10°27	21°59	25°30	6°22	11°15	16°29	4°29	6°24	17°52	17°36	23°55	16°28	W13
T 14	5 29 59	21°58'00	5♏19	11°42	23°13	26°16	6°30	11°16	16°30	4°28	6°24	17°52	17°33	24° 2	16°31	T 14
F 15	5 33 55	22°59'07	18°31	12°54	24°28	27° 3	6°39	11°17	16°30	4°27	6°24	17°53	17°29	24° 8	16°34	F 15
S 16	5 37 52	24° 0'14	2♐ 7	14° 2	25°42	27°50	6°47	11°18	16°31	4°26	6°23	17°53	17°26	24°15	16°37	S 16
S 17	5 41 49	25° 1'23	16° 6	15° 6	26°57	28°37	6°56	11°18	16°31	4°25	6°23	17°R53	17°23	24°22	16°40	S 17
M18	5 45 45	26° 2'32	0♑23	16° 5	28°12	29°24	7° 5	11°19	16°31	4°24	6°23	17°53	17°20	24°29	16°43	M18
T 19	5 49 42	27° 3'41	14°55	16°59	29°26	0♒11	7°14	11°19	16°31	4°24	6°23	17°52	17°17	24°35	16°47	T 19
W20	5 53 38	28° 4'51	29°35	17°46	0♐41	0°58	7°23	11°19	16°31	4°23	6°22	17°51	17°14	24°42	16°50	W20
T 21	5 57 35	29° 6'01	14♒16	18°26	1°56	1°46	7°32	11°20	16°32	4°22	6°22	17°50	17°10	24°49	16°53	T 21
F 22	6 1 31	0♑ 7'11	28°51	18°59	3°10	2°33	7°42	11°R20	16°R32	4°21	6°22	17°49	17° 7	24°55	16°56	F 22
S 23	6 5 28	1° 8'21	13♓16	19°22	4°25	3°20	7°51	11°20	16°32	4°20	6°21	17°47	17° 4	25° 2	17° 0	S 23
S 24	6 9 24	2° 9'30	27°28	19°35	5°40	4° 7	8° 1	11°19	16°31	4°20	6°21	17°D47	17° 1	25° 9	17° 3	S 24
M25	6 13 21	3°10'40	11♈23	19°R38	6°55	4°54	8°11	11°19	16°31	4°19	6°20	17°47	16°58	25°16	17° 7	M25
T 26	6 17 18	4°11'50	25° 2	19°29	8° 9	5°41	8°21	11°19	16°31	4°18	6°20	17°48	16°54	25°22	17°10	T 26
W27	6 21 14	5°12'59	8♉25	19° 8	9°24	6°28	8°31	11°18	16°31	4°18	6°19	17°49	16°51	25°29	17°14	W27
T 28	6 25 11	6°14'09	21°33	18°36	10°39	7°16	8°41	11°18	16°31	4°17	6°18	17°50	16°48	25°36	17°17	T 28
F 29	6 29 7	7°15'18	4♊28	17°52	11°54	8° 3	8°51	11°17	16°30	4°16	6°18	17°52	16°45	25°42	17°21	F 29
S 30	6 33 4	8°16'27	17°10	16°57	13° 9	8°50	9° 1	11°16	16°30	4°16	6°17	17°R52	16°42	25°49	17°24	S 30
S 31	6 37 0	9♑17'36	29♊41	15♑53	14♐24	9♒37	9♓12	11♍15	16♍29	4♉15	6♍17	17♐52	16♐39	25♌56	17♒28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s48	21n 3	2n 3	25s32	2s14	12s12	1n49	23s45	1s15	10s52	1s14	9n 5	1n44	6n 7	0n46	11n23	1s51	21n12	12n59	22s55	22s57	9n37	9s59	6n22
S 2	21 57	22 35	0 53	25 38	2 16	12 37	1 48	23 39	1 15	10 50	1 14	9 4	1 44	6 6	0 46	11 22	1 51	21 12	12 59	22 55	22 57	9 35	9 59	6 22
S 3	22 6	22 53	0s18	25 43	2 17	13 1	1 47	23 33	1 15	10 47	1 14	9 4	1 44	6 6	0 46	11 22	1 51	21 12	13 0	22 55	22 57	9 32	9 59	6 22
M 4	22 14	21 59	1 27	25 46	2 18	13 25	1 46	23 26	1 15	10 45	1 14	9 3	1 44	6 6	0 46	11 21	1 51	21 13	13 0	22 55	22 56	9 30	9 59	6 21
T 5	22 22	20 2	2 30	25 48	2 19	13 49	1 45	23 20	1 15	10 42	1 14	9 3	1 45	6 5	0 46	11 21	1 51	21 13	13 1	22 55	22 56	9 27	9 58	6 21
W 6	22 30	17 13	3 25	25 48	2 19	14 12	1 44	23 13	1 15	10 39	1 13	9 2	1 45	6 5	0 46	11 21	1 51	21 13	13 1	22 55	22 56	9 25	9 58	6 20
T 7	22 37	13 43	4 11	25 47	2 19	14 36	1 42	23 6	1 15	10 36	1 13	9 2	1 45	6 5	0 46	11 20	1 50	21 14	13 2	22 55	22 56	9 22	9 57	6 20
F 8	22 43	9 42	4 46	25 44	2 18	14 58	1 41	22 58	1 15	10 34	1 13	9 1	1 46	6 4	0 46	11 20	1 50	21 14	13 2	22 55	22 55	9 20	9 57	6 20
S 9	22 50	5 20	5 8	25 40	2 17	15 21	1 40	22 51	1 15	10 31	1 13	9 1	1 46	6 4	0 46	11 20	1 50	21 15	13 3	22 55	22 55	9 17	9 57	6 19
S 10	22 55	0 46	5 17	25 34	2 15	15 43	1 38	22 43	1 14	10 28	1 13	9 1	1 46	6 4	0 46	11 19	1 50	21 15	13 3	22 55	22 55	9 15	9 56	6 19
M11	23 1	3s53	5 13	25 27	2 12	16 5	1 37	22 34	1 14	10 25	1 12	9 0	1 46	6 4	0 46	11 19	1 50	21 16	13 4	22 55	22 54	9 12	9 56	6 18
T 12	23 6	8 28	4 54	25 18	2 9	16 26	1 35	22 26	1 14	10 21	1 12	9 0	1 47	6 4	0 47	11 19	1 50	21 16	13 4	22 55	22 54	9 10	9 55	6 18
W13	23 10	12 48	4 21	25 8	2 5	16 47	1 34	22 17	1 14	10 18	1 12	9 0	1 47	6 3	0 47	11 18	1 50	21 16	13 4	22 55	22 54	9 7	9 55	6 18
T 14	23 14	16 41	3 35	24 57	2 0	17 7	1 32	22 8	1 14	10 15	1 12	9 0	1 47	6 3	0 47	11 18	1 50	21 17	13 5	22 55	22 53	9 4	9 54	6 17
F 15	23 17	19 52	2 36	24 44	1 54	17 27	1 30	21 59	1 14	10 12	1 12	9 0	1 47	6 3	0 47	11 18	1 50	21 17	13 5	22 55	22 53	9 2	9 54	6 17
S 16	23 20	22 2	1 26	24 30	1 47	17 47	1 29	21 50	1 13	10 8	1 12	9 0	1 48	6 3	0 47	11 18	1 50	21 18	13 6	22 55	22 53	8 59	9 53	6 17
S 17	23 23	22 55	0 10	24 15	1 39	18 6	1 27	21 40	1 13	10 5	1 11	9 0	1 48	6 3	0 47	11 17	1 50	21 18	13 6	22 55	22 53	8 57	9 53	6 16
M18	23 25	22 20	1n 9	24 0	1 30	18 24	1 25	21 30	1 13	10 2	1 11	9 0	1 48	6 3	0 47	11 17	1 50	21 19	13 7	22 55	22 52	8 54	9 52	6 16
T 19	23 27	20 15	2 24	23 43	1 20	18 43	1 23	21 20	1 13	9 58	1 11	9 0	1 48	6 3	0 47	11 17	1 50	21 20	13 7	22 55	22 52	8 52	9 51	6 16
W20	23 28	16 50	3 31	23 26	1 9	19 0	1 21	21 9	1 13	9 54	1 11	9 0	1 49	6 3	0 47	11 16	1 50	21 20	13 8	22 55	22 52	8 49	9 51	6 15
T 21	23 28	12 22	4 24	23 8	0 56	19 17	1 19	20 59	1 12	9 51	1 11	9 0	1 49	6 3	0 47	11 16	1 50	21 21	13 8	22 55	22 51	8 47	9 50	6 15
F 22	23 29	7 13	4 59	22 50	0 43	19 34	1 17	20 48	1 12	9 47	1 11	9 1	1 49	6 3	0 47	11 16	1 50	21 21	13 9	22 55	22 51	8 44	9 49	6 15
S 23	23 28	1 44	5 15	22 32	0 28	19 50	1 15	20 36	1 12	9 44	1 10	9 1	1 49	6 3	0 47	11 16	1 50	21 22	13 9	22 55	22 51	8 42	9 49	6 14
S 24	23 27	3n45	5 12	22 14	0 12	20 5	1 13	20 25	1 12	9 40	1 10	9 1	1 50	6 3	0 47	11 16	1 50	21 22	13 9	22 55	22 50	8 39	9 48	6 14
M25	23 26	8 57	4 50	21 57	0n 5	20 20	1 10	20 14	1 11	9 36	1 10	9 2	1 50	6 3	0 47	11 15	1 50	21 23	13 10	22 55	22 50	8 37	9 47	6 14
T 26	23 25	13 37	4 12	21 40	0 24	20 35	1 8	20 2	1 11	9 32	1 10	9 2	1 50	6 3	0 47	11 15	1 50	21 24	13 10	22 55	22 50	8 34	9 47	6 13
W27	23 22	17 30	3 21	21 24	0 42	20 49	1 6	19 50	1 11	9 28	1 10	9 2	1 51	6 3	0 47	11 15	1 49	21 24	13 11	22 55	22 50	8 32	9 46	6 13
T 28	23 20	20 26	2 20	21 10	1 2	21 2	1 4	19 37	1 11	9 24	1 10	9 3	1 51	6 3	0 47	11 15	1 49	21 25	13 11	22 55	22 49	8 29	9 45	6 13
F 29	23 17	22 16	1 13	20 56	1 21	21 14	1 1	19 25	1 10	9 20	1 10	9 3	1 51	6 4	0 47	11 15	1 49	21 25	13 12	22 55	22 49	8 27	9 44	6 12
S 30	23 13	22 55	0 4	20 44	1 41	21 26	0 59	19 12	1 10	9 16	1 9	9 4	1 51	6 4	0 47	11 15	1 49	21 26	13 12	22 55	22 49	8 24	9 43	6 12
S 31	23s 9	22n24	1s 5	20s33	1n59	21s38	0n56	18s59	1s10	9s12	1s 9	9n 5	1n52	6n 4	0n47	11n15	1s49	21n27	13n12	22s55	22s48	8n22	9s43	6n12

Julian Day Number = 2347054.5, Delta T = 10.92 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'48, Lahiri = 19°51'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

JANUARY 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 40 57	10♑18'46	12♋ 1	14°R41	15♐38	10♒25	9♓22	11°R14	16°R29	4°R15	6°R16	17°R50	16♐35	26♌ 3	17♒32	M 1
T 2	6 44 53	11°19'54	24°12	13♑24	16°53	11°12	9°33	11♏13	16♏28	4♉14	6♏15	17♐47	16°32	26° 9	17°36	T 2
W 3	6 48 50	12°21'03	6♌15	12° 4	18° 8	11°59	9°44	11°12	16°27	4°14	6°14	17°43	16°29	26°16	17°39	W 3
T 4	6 52 47	13°22'12	18°12	10°43	19°23	12°46	9°55	11°10	16°27	4°14	6°14	17°39	16°26	26°23	17°43	T 4
F 5	6 56 43	14°23'21	0♍ 4	9°25	20°38	13°34	10° 6	11° 9	16°26	4°13	6°13	17°34	16°23	26°29	17°47	F 5
S 6	7 0 40	15°24'29	11°55	8°11	21°53	14°21	10°17	11° 7	16°25	4°13	6°12	17°29	16°20	26°36	17°51	S 6
S 7	7 4 36	16°25'38	23°49	7° 4	23° 8	15° 8	10°28	11° 6	16°24	4°13	6°11	17°26	16°16	26°43	17°55	S 7
M 8	7 8 33	17°26'46	5♎48	6° 5	24°23	15°56	10°40	11° 4	16°23	4°12	6°10	17°24	16°13	26°50	17°59	M 8
T 9	7 12 29	18°27'55	17°58	5°14	25°38	16°43	10°51	11° 2	16°23	4°12	6° 9	17°D23	16°10	26°56	18° 3	T 9
W10	7 16 26	19°29'03	0♏23	4°33	26°53	17°30	11° 3	11° 0	16°22	4°12	6° 8	17°24	16° 7	27° 3	18° 7	W10
T 11	7 20 22	20°30'11	13° 7	4° 2	28° 8	18°17	11°14	10°58	16°20	4°12	6° 7	17°25	16° 4	27°10	18°11	T 11
F 12	7 24 19	21°31'19	26°16	3°41	29°23	19° 5	11°26	10°56	16°19	4°12	6° 6	17°27	16° 0	27°16	18°15	F 12
S 13	7 28 16	22°32'27	9♐51	3°29	0♑38	19°52	11°38	10°53	16°18	4°12	6° 5	17°28	15°57	27°23	18°19	S 13
S 14	7 32 12	23°33'34	23°54	3°D25	1°53	20°39	11°50	10°51	16°17	4°D12	6° 4	17°R28	15°54	27°30	18°23	S 14
M15	7 36 9	24°34'41	8♑23	3°30	3° 8	21°27	12° 2	10°48	16°16	4°12	6° 3	17°26	15°51	27°37	18°27	M15
T 16	7 40 5	25°35'48	23°13	3°43	4°23	22°14	12°14	10°46	16°14	4°12	6° 2	17°23	15°48	27°43	18°31	T 16
W17	7 44 2	26°36'54	8♒17	4° 3	5°38	23° 1	12°26	10°43	16°13	4°12	6° 1	17°18	15°45	27°50	18°35	W17
T 18	7 47 58	27°37'59	23°24	4°29	6°53	23°49	12°39	10°40	16°12	4°12	6° 0	17°11	15°41	27°57	18°39	T 18
F 19	7 51 55	28°39'03	8♓26	5° 1	8° 8	24°36	12°51	10°37	16°10	4°12	5°59	17° 5	15°38	28° 3	18°44	F 19
S 20	7 55 52	29°40'06	23°14	5°38	9°23	25°23	13° 3	10°34	16° 9	4°12	5°58	16°59	15°35	28°10	18°48	S 20
S 21	7 59 48	0♒41'08	7♈40	6°20	10°38	26°11	13°16	10°31	16° 7	4°12	5°56	16°55	15°32	28°17	18°52	S 21
M22	8 3 45	1°42'09	21°42	7° 7	11°53	26°58	13°29	10°28	16° 5	4°13	5°55	16°53	15°29	28°24	18°56	M22
T 23	8 7 41	2°43'09	5♉20	7°57	13° 8	27°45	13°41	10°25	16° 4	4°13	5°54	16°D52	15°26	28°30	19° 0	T 23
W24	8 11 38	3°44'08	18°35	8°51	14°23	28°32	13°54	10°22	16° 2	4°13	5°53	16°53	15°22	28°37	19° 5	W24
T 25	8 15 34	4°45'05	1♊30	9°49	15°38	29°20	14° 7	10°18	16° 0	4°14	5°52	16°54	15°19	28°44	19° 9	T 25
F 26	8 19 31	5°46'02	14° 8	10°49	16°53	0♓ 7	14°20	10°15	15°59	4°14	5°50	16°R55	15°16	28°50	19°13	F 26
S 27	8 23 27	6°46'57	26°33	11°52	18° 8	0°54	14°33	10°11	15°57	4°14	5°49	16°55	15°13	28°57	19°18	S 27
S 28	8 27 24	7°47'51	8♋48	12°57	19°23	1°41	14°46	10° 8	15°55	4°15	5°48	16°52	15°10	29° 4	19°22	S 28
M29	8 31 21	8°48'43	20°54	14° 5	20°38	2°29	14°59	10° 4	15°53	4°15	5°46	16°47	15° 6	29°11	19°26	M29
T 30	8 35 17	9°49'35	2♌55	15°15	21°53	3°16	15°12	10° 0	15°51	4°16	5°45	16°40	15° 3	29°17	19°31	T 30
W31	8 39 14	10♒50'25	14♌52	16♑27	23♑ 8	4♓ 3	15♓25	9♏56	15♏49	4♉16	5♏44	16♐30	15♐ 0	29♌24	19♒35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 4	20n47	2s 9	20s24	2n17	21s48	0n54	18s46	1s10	9s 8	1s 9	9n 5	1n52	6n 4	0n47	11n14	1s49	21n27	13n13	22s55	22s48	8n19	9s42	6n12
T 2	23 0	18 15	3 7	20 16	2 33	21 58	0 51	18 33	1 9	9 4	1 9	9 6	1 52	6 5	0 47	11 14	1 49	21 28	13 13	22 55	22 48	8 17	9 41	6 11
W 3	22 54	14 56	3 55	20 9	2 47	22 8	0 49	18 20	1 9	9 0	1 9	9 7	1 52	6 5	0 47	11 14	1 49	21 29	13 14	22 54	22 47	8 14	9 40	6 11
T 4	22 48	11 4	4 33	20 4	2 59	22 17	0 46	18 6	1 9	8 55	1 9	9 7	1 53	6 5	0 48	11 14	1 49	21 29	13 14	22 54	22 47	8 11	9 39	6 11
F 5	22 42	6 48	4 59	20 1	3 8	22 25	0 44	17 52	1 8	8 51	1 9	9 8	1 53	6 6	0 48	11 14	1 49	21 30	13 14	22 54	22 47	8 9	9 38	6 11
S 6	22 35	2 18	5 11	19 58	3 15	22 32	0 41	17 38	1 8	8 47	1 8	9 9	1 53	6 6	0 48	11 14	1 49	21 31	13 15	22 53	22 46	8 6	9 37	6 10
S 7	22 28	2s18	5 11	19 58	3 20	22 39	0 39	17 24	1 8	8 42	1 8	9 10	1 53	6 6	0 48	11 14	1 49	21 31	13 15	22 53	22 46	8 4	9 36	6 10
M 8	22 20	6 51	4 57	19 59	3 22	22 45	0 36	17 9	1 7	8 38	1 8	9 11	1 54	6 7	0 48	11 14	1 49	21 32	13 16	22 53	22 46	8 1	9 36	6 10
T 9	22 12	11 12	4 30	20 1	3 22	22 51	0 34	16 55	1 7	8 33	1 8	9 12	1 54	6 7	0 48	11 14	1 49	21 33	13 16	22 53	22 45	7 59	9 35	6 10
W10	22 4	15 12	3 49	20 5	3 19	22 55	0 31	16 40	1 7	8 29	1 8	9 13	1 54	6 7	0 48	11 14	1 49	21 33	13 16	22 53	22 45	7 56	9 34	6 9
T 11	21 55	18 36	2 57	20 9	3 16	22 59	0 28	16 25	1 6	8 24	1 8	9 14	1 54	6 8	0 48	11 14	1 49	21 34	13 17	22 53	22 45	7 54	9 33	6 9
F 12	21 45	21 11	1 53	20 15	3 10	23 3	0 26	16 10	1 6	8 20	1 8	9 15	1 55	6 8	0 48	11 14	1 49	21 35	13 17	22 53	22 44	7 51	9 32	6 9
S 13	21 35	22 39	0 41	20 22	3 4	23 5	0 23	15 55	1 6	8 15	1 8	9 16	1 55	6 9	0 48	11 14	1 48	21 36	13 17	22 53	22 44	7 49	9 31	6 9
S 14	21 25	22 45	0n35	20 30	2 56	23 7	0 20	15 39	1 5	8 10	1 7	9 17	1 55	6 9	0 48	11 14	1 48	21 36	13 18	22 53	22 44	7 46	9 30	6 9
M15	21 14	21 21	1 51	20 38	2 48	23 9	0 18	15 24	1 5	8 6	1 7	9 18	1 55	6 10	0 48	11 14	1 48	21 37	13 18	22 53	22 43	7 44	9 28	6 8
T 16	21 3	18 29	3 2	20 46	2 39	23 9	0 15	15 8	1 4	8 1	1 7	9 19	1 56	6 10	0 48	11 14	1 48	21 38	13 18	22 53	22 43	7 41	9 27	6 8
W17	20 52	14 21	4 1	20 55	2 30	23 9	0 12	14 52	1 4	7 56	1 7	9 21	1 56	6 11	0 48	11 14	1 48	21 38	13 19	22 52	22 43	7 39	9 26	6 8
T 18	20 40	9 16	4 43	21 4	2 20	23 8	0 10	14 36	1 4	7 51	1 7	9 22	1 56	6 12	0 48	11 14	1 48	21 39	13 19	22 51	22 42	7 36	9 25	6 8
F 19	20 28	3 41	5 6	21 13	2 10	23 6	0 7	14 20	1 3	7 47	1 7	9 23	1 56	6 12	0 48	11 15	1 48	21 40	13 19	22 51	22 42	7 34	9 24	6 8
S 20	20 15	2n 1	5 8	21 22	2 0	23 4	0 5	14 4	1 3	7 42	1 7	9 25	1 56	6 13	0 48	11 15	1 48	21 41	13 20	22 50	22 42	7 31	9 23	6 8
S 21	20 2	7 29	4 49	21 30	1 49	23 1	0 2	13 47	1 2	7 37	1 7	9 26	1 57	6 13	0 48	11 15	1 48	21 41	13 20	22 50	22 41	7 28	9 22	6 7
M22	19 49	12 24	4 14	21 38	1 39	22 57	0s 1	13 31	1 2	7 32	1 7	9 27	1 57	6 14	0 48	11 15	1 48	21 42	13 20	22 50	22 41	7 26	9 21	6 7
T 23	19 35	16 33	3 26	21 46	1 29	22 53	0 3	13 14	1 1	7 27	1 7	9 29	1 57	6 15	0 48	11 15	1 48	21 43	13 21	22 50	22 41	7 23	9 20	6 7
W24	19 21	19 44	2 27	21 53	1 18	22 48	0 6	12 57	1 1	7 22	1 6	9 30	1 57	6 15	0 48	11 15	1 48	21 44	13 21	22 50	22 40	7 21	9 18	6 7
T 25	19 6	21 50	1 22	21 59	1 8	22 42	0 8	12 40	1 1	7 17	1 6	9 32	1 57	6 16	0 48	11 15	1 48	21 44	13 21	22 50	22 40	7 18	9 17	6 7
F 26	18 52	22 47	0 15	22 4	0 58	22 35	0 11	12 23	1 0	7 12	1 6	9 33	1 58	6 17	0 48	11 16	1 48	21 45	13 22	22 50	22 40	7 16	9 16	6 7
S 27	18 36	22 34	0s52	22 9	0 48	22 28	0 14	12 6	1 0	7 7	1 6	9 35	1 58	6 18	0 48	11 16	1 48	21 46	13 22	22 50	22 39	7 13	9 15	6 7
S 28	18 21	21 16	1 55	22 12	0 38	22 20	0 16	11 49	0 59	7 2	1 6	9 36	1 58	6 18	0 48	11 16	1 48	21 47	13 22	22 50	22 39	7 11	9 14	6 6
M29	18 5	19 1	2 52	22 15	0 29	22 12	0 19	11 31	0 59	6 56	1 6	9 38	1 58	6 19	0 48	11 16	1 47	21 47	13 22	22 49	22 39	7 8	9 13	6 6
T 30	17 49	15 57	3 41	22 17	0 20	22 2	0 21	11 14	0 58	6 51	1 6	9 39	1 58	6 20	0 48	11 17	1 47	21 48	13 23	22 48	22 38	7 6	9 11	6 6
W31	17s32	12n15	4s20	22s17	0n10	21s53	0s23	10s56	0s58	6s46	1s 6	9n41	1n59	6n21	0n48	11n17	1s47	21n49	13n23	22s47	22s38	7n 3	9s10	6n 6

Julian Day Number = 2347085.5, Delta T = 10.91 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'52, Lahiri = 19°51'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

FEBRUARY 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 10	11♒51'14	26♌46	17♉40	24♉23	4♓50	15♓38	9°R52	15°R47	4♉17	5°R42	16°R19	14♐57	29♌31	19♒39	T 1
F 2	8 47 7	12°52'02	8♍38	18°55	25°38	5°37	15°52	9♍49	15♍45	4°18	5♍41	16♐ 7	14°54	29°37	19°44	F 2
S 3	8 51 3	13°52'49	20°30	20°12	26°53	6°24	16° 5	9°45	15°43	4°18	5°39	15°56	14°51	29°44	19°48	S 3
S 4	8 55 0	14°53'35	2♎25	21°30	28° 8	7°11	16°19	9°40	15°41	4°19	5°38	15°47	14°47	29°51	19°52	S 4
M 5	8 58 56	15°54'19	14°25	22°49	29°22	7°59	16°32	9°36	15°39	4°20	5°37	15°40	14°44	29°58	19°57	M 5
T 6	9 2 53	16°55'03	26°33	24°10	0♒37	8°46	16°46	9°32	15°37	4°20	5°35	15°35	14°41	0♍ 4	20° 1	T 6
W 7	9 6 50	17°55'45	8♏54	25°32	1°52	9°33	16°59	9°28	15°35	4°21	5°34	15°33	14°38	0°11	20° 6	W 7
T 8	9 10 46	18°56'27	21°33	26°55	3° 7	10°20	17°13	9°23	15°32	4°22	5°32	15°D32	14°35	0°18	20°10	T 8
F 9	9 14 43	19°57'07	4♐33	28°19	4°22	11° 7	17°27	9°19	15°30	4°23	5°31	15°33	14°32	0°24	20°14	F 9
S 10	9 18 39	20°57'46	17°59	29°45	5°37	11°54	17°40	9°15	15°28	4°24	5°29	15°R33	14°28	0°31	20°19	S 10
S 11	9 22 36	21°58'25	1♉54	1♒11	6°52	12°41	17°54	9°10	15°25	4°25	5°28	15°32	14°25	0°38	20°23	S 11
M12	9 26 32	22°59'01	16°18	2°39	8° 7	13°28	18° 8	9° 6	15°23	4°26	5°26	15°29	14°22	0°45	20°27	M12
T 13	9 30 29	23°59'37	1♒ 8	4° 7	9°22	14°15	18°22	9° 1	15°21	4°27	5°25	15°22	14°19	0°51	20°32	T 13
W14	9 34 25	25° 0'11	16°19	5°37	10°37	15° 1	18°36	8°57	15°18	4°28	5°23	15°14	14°16	0°58	20°36	W14
T 15	9 38 22	26° 0'44	1♓39	7° 7	11°52	15°48	18°50	8°52	15°16	4°29	5°22	15° 3	14°12	1° 5	20°41	T 15
F 16	9 42 19	27° 1'15	16°58	8°39	13° 7	16°35	19° 4	8°47	15°14	4°30	5°20	14°53	14° 9	1°12	20°45	F 16
S 17	9 46 15	28° 1'44	2♈ 4	10°11	14°22	17°22	19°18	8°43	15°11	4°31	5°19	14°43	14° 6	1°18	20°49	S 17
S 18	9 50 12	29° 2'11	16°47	11°44	15°37	18° 9	19°32	8°38	15° 9	4°32	5°17	14°35	14° 3	1°25	20°54	S 18
M19	9 54 8	0♓ 2'36	1♉ 4	13°19	16°52	18°55	19°46	8°33	15° 6	4°33	5°15	14°29	14° 0	1°32	20°58	M19
T 20	9 58 5	1° 3'00	14°51	14°54	18° 7	19°42	20° 0	8°29	15° 4	4°34	5°14	14°26	13°57	1°38	21° 2	T 20
W21	10 2 1	2° 3'22	28° 9	16°30	19°22	20°29	20°14	8°24	15° 1	4°36	5°12	14°D25	13°53	1°45	21° 7	W21
T 22	10 5 58	3° 3'41	11♊ 3	18° 8	20°37	21°16	20°29	8°19	14°59	4°37	5°11	14°R25	13°50	1°52	21°11	T 22
F 23	10 9 54	4° 3'59	23°36	19°46	21°51	22° 2	20°43	8°14	14°56	4°38	5° 9	14°25	13°47	1°59	21°15	F 23
S 24	10 13 51	5° 4'15	5♋53	21°25	23° 6	22°49	20°57	8° 9	14°53	4°40	5° 8	14°23	13°44	2° 5	21°20	S 24
S 25	10 17 48	6° 4'28	17°59	23° 5	24°21	23°35	21°12	8° 5	14°51	4°41	5° 6	14°19	13°41	2°12	21°24	S 25
M26	10 21 44	7° 4'40	29°57	24°47	25°36	24°22	21°26	8° 0	14°48	4°42	5° 5	14°12	13°37	2°19	21°28	M26
T 27	10 25 41	8° 4'49	11♌51	26°29	26°51	25° 8	21°40	7°55	14°46	4°44	5° 3	14° 2	13°34	2°25	21°32	T 27
W28	10 29 37	9♓ 4'57	23♌43	28♒12	28♒ 6	25♓55	21♓55	7♍50	14♍43	4♉45	5♍ 1	13♐50	13♐31	2♍32	21♒37	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s16	8n 7	4s47	22s17	0n 2	21s42	0s26	10s39	0s57	6s41	1s 6	9n43	1n59	6n21	0n49	11n17	1s47	21n50	13n23	22s46	22s37	7n 1	9s 9	6n 6	T 1
F 2	16 59	3 41	5 2	22 15	0s 7	21 31	0 28	10 21	0 57	6 36	1 6	9 44	1 59	6 22	0 49	11 17	1 47	21 50	13 23	22 45	22 37	6 58	9 8	6 6	F 2
S 3	16 41	0s53	5 3	22 13	0 16	21 19	0 31	10 3	0 56	6 30	1 6	9 46	1 59	6 23	0 49	11 18	1 47	21 51	13 24	22 44	22 37	6 56	9 6	6 6	S 3
S 4	16 24	5 25	4 52	22 9	0 24	21 6	0 33	9 45	0 56	6 25	1 6	9 48	1 59	6 24	0 49	11 18	1 47	21 52	13 24	22 43	22 36	6 53	9 5	6 6	S 4
M 5	16 6	9 47	4 27	22 4	0 32	20 53	0 35	9 27	0 55	6 20	1 6	9 49	2 0	6 25	0 49	11 18	1 47	21 53	13 24	22 42	22 36	6 50	9 4	6 6	M 5
T 6	15 47	13 50	3 50	21 58	0 39	20 39	0 37	9 9	0 55	6 14	1 5	9 51	2 0	6 26	0 49	11 18	1 47	21 53	13 24	22 42	22 36	6 48	9 2	6 6	T 6
W 7	15 29	17 22	3 2	21 50	0 47	20 25	0 40	8 51	0 54	6 9	1 5	9 53	2 0	6 27	0 49	11 19	1 47	21 54	13 25	22 41	22 35	6 45	9 1	6 6	W 7
T 8	15 10	20 11	2 4	21 41	0 54	20 10	0 42	8 32	0 54	6 4	1 5	9 55	2 0	6 27	0 49	11 19	1 47	21 55	13 25	22 41	22 35	6 43	9 0	6 6	T 8
F 9	14 51	22 2	0 58	21 31	1 1	19 54	0 44	8 14	0 53	5 58	1 5	9 57	2 0	6 28	0 49	11 19	1 47	21 56	13 25	22 41	22 35	6 40	8 59	6 5	F 9
S 10	14 32	22 43	0n13	21 20	1 7	19 38	0 46	7 56	0 53	5 53	1 5	9 58	2 0	6 29	0 49	11 20	1 47	21 56	13 25	22 41	22 34	6 38	8 57	6 5	S 10
S 11	14 12	22 2	1 26	21 7	1 14	19 22	0 48	7 37	0 52	5 47	1 5	10 0	2 0	6 30	0 49	11 20	1 47	21 57	13 25	22 41	22 34	6 35	8 56	6 5	S 11
M12	13 53	19 54	2 36	20 53	1 20	19 4	0 50	7 19	0 52	5 42	1 5	10 2	2 1	6 31	0 49	11 21	1 47	21 58	13 25	22 41	22 34	6 33	8 55	6 5	M12
T 13	13 33	16 24	3 37	20 38	1 25	18 46	0 52	7 0	0 51	5 36	1 5	10 4	2 1	6 32	0 49	11 21	1 47	21 59	13 26	22 40	22 33	6 30	8 53	6 5	T 13
W14	13 12	11 46	4 25	20 22	1 31	18 28	0 54	6 41	0 51	5 31	1 5	10 6	2 1	6 33	0 49	11 21	1 47	21 59	13 26	22 39	22 33	6 28	8 52	6 5	W14
T 15	12 52	6 20	4 54	20 4	1 36	18 9	0 56	6 23	0 50	5 25	1 5	10 8	2 1	6 34	0 49	11 22	1 46	22 0	13 26	22 38	22 32	6 25	8 51	6 5	T 15
F 16	12 31	0 32	5 1	19 45	1 40	17 50	0 58	6 4	0 50	5 20	1 5	10 9	2 1	6 35	0 49	11 22	1 46	22 1	13 26	22 37	22 32	6 23	8 49	6 5	F 16
S 17	12 11	5n13	4 48	19 24	1 45	17 30	1 0	5 45	0 49	5 14	1 5	10 11	2 1	6 36	0 49	11 23	1 46	22 1	13 26	22 36	22 32	6 20	8 48	6 5	S 17
S 18	11 50	10 32	4 16	19 2	1 49	17 9	1 1	5 26	0 49	5 9	1 5	10 13	2 1	6 37	0 49	11 23	1 46	22 2	13 26	22 35	22 31	6 17	8 47	6 5	S 18
M19	11 28	15 7	3 28	18 39	1 53	16 48	1 3	5 7	0 48	5 3	1 5	10 15	2 2	6 38	0 49	11 23	1 46	22 3	13 26	22 34	22 31	6 15	8 45	6 5	M19
T 20	11 7	18 42	2 30	18 14	1 56	16 27	1 5	4 49	0 47	4 57	1 5	10 17	2 2	6 39	0 49	11 24	1 46	22 3	13 26	22 34	22 31	6 12	8 44	6 5	T 20
W21	10 46	21 10	1 25	17 48	1 59	16 5	1 6	4 30	0 47	4 52	1 5	10 19	2 2	6 40	0 49	11 24	1 46	22 4	13 27	22 34	22 30	6 10	8 42	6 5	W21
T 22	10 24	22 26	0 18	17 21	2 2	15 43	1 8	4 11	0 46	4 46	1 5	10 21	2 2	6 41	0 49	11 25	1 46	22 5	13 27	22 34	22 30	6 7	8 41	6 5	T 22
F 23	10 2	22 31	0s48	16 52	2 4	15 20	1 9	3 52	0 46	4 41	1 5	10 23	2 2	6 42	0 49	11 25	1 46	22 5	13 27	22 34	22 29	6 5	8 40	6 5	F 23
S 24	9 40	21 30	1 51	16 22	2 6	14 57	1 11	3 33	0 45	4 35	1 5	10 25	2 2	6 43	0 49	11 26	1 46	22 6	13 27	22 34	22 29	6 2	8 38	6 6	S 24
S 25	9 18	19 30	2 47	15 51	2 7	14 33	1 12	3 14	0 45	4 29	1 5	10 26	2 2	6 44	0 49	11 26	1 46	22 7	13 27	22 33	22 29	6 0	8 37	6 6	S 25
M26	8 56	16 41	3 36	15 18	2 8	14 9	1 13	2 55	0 44	4 24	1 5	10 28	2 2	6 45	0 49	11 27	1 46	22 7	13 27	22 32	22 28	5 57	8 36	6 6	M26
T 27	8 33	13 11	4 14	14 43	2 9	13 45	1 15	2 36	0 43	4 18	1 5	10 30	2 2	6 46	0 49	11 27	1 46	22 8	13 27	22 31	22 28	5 55	8 34	6 6	T 27
W28	8s11	9n12	4s41	14s 8	2s 9	13s20	1s16	2s17	0s43	4s12	1s 5	10n32	2n 2	6n47	0n49	11n28	1s46	22n 9	13n27	22s30	22s27	5n52	8s33	6n 6	W28

Julian Day Number = 2347116.5, Delta T = 10.90 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°44'56, Lahiri = 19°51'57Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

MARCH 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 34	10♓ 5'03	5♍36	29♒57	29♒20	26♓41	22♓ 9	7°R45	14°R40	4♉47	5°R 0	13°R36	13♐28	2♍39	21♒41	T 1
F 2	10 37 30	11° 5'06	17°29	1♓42	0♓35	27°28	22°23	7♍41	14♍38	4°48	4♍58	13♐21	13°25	2°46	21°45	F 2
S 3	10 41 27	12° 5'08	29°25	3°29	1°50	28°14	22°38	7°36	14°35	4°49	4°57	13° 6	13°22	2°52	21°49	S 3
S 4	10 45 23	13° 5'08	11♎26	5°17	3° 5	29° 0	22°52	7°31	14°33	4°51	4°55	12°54	13°18	2°59	21°53	S 4
M 5	10 49 20	14° 5'07	23°31	7° 6	4°20	29°47	23° 7	7°26	14°30	4°53	4°54	12°44	13°15	3° 6	21°57	M 5
T 6	10 53 16	15° 5'03	5♏45	8°56	5°34	0♈33	23°21	7°21	14°27	4°54	4°52	12°37	13°12	3°13	22° 1	T 6
W 7	10 57 13	16° 4'58	18°10	10°47	6°49	1°19	23°36	7°17	14°25	4°56	4°51	12°33	13° 9	3°19	22° 6	W 7
T 8	11 1 10	17° 4'51	0♐48	12°39	8° 4	2° 5	23°50	7°12	14°22	4°57	4°49	12°31	13° 6	3°26	22°10	T 8
F 9	11 5 6	18° 4'43	13°45	14°32	9°19	2°51	24° 5	7° 7	14°20	4°59	4°48	12°31	13° 3	3°33	22°14	F 9
S 10	11 9 3	19° 4'33	27° 4	16°27	10°33	3°37	24°19	7° 3	14°17	5° 1	4°46	12°31	12°59	3°39	22°18	S 10
S 11	11 12 59	20° 4'21	10♑48	18°22	11°48	4°23	24°34	6°58	14°14	5° 2	4°45	12°29	12°56	3°46	22°22	S 11
M12	11 16 56	21° 4'08	24°59	20°19	13° 3	5° 9	24°48	6°53	14°12	5° 4	4°43	12°26	12°53	3°53	22°26	M12
T 13	11 20 52	22° 3'53	9♒36	22°16	14°17	5°55	25° 3	6°49	14° 9	5° 6	4°42	12°20	12°50	4° 0	22°30	T 13
W14	11 24 49	23° 3'36	24°34	24°15	15°32	6°41	25°17	6°44	14° 7	5° 8	4°40	12°11	12°47	4° 6	22°34	W14
T 15	11 28 45	24° 3'17	9♓47	26°14	16°47	7°27	25°32	6°40	14° 4	5° 9	4°39	12° 1	12°43	4°13	22°37	T 15
F 16	11 32 42	25° 2'56	25° 4	28°14	18° 1	8°13	25°46	6°35	14° 1	5°11	4°37	11°50	12°40	4°20	22°41	F 16
S 17	11 36 39	26° 2'33	10♈12	0♈14	19°16	8°59	26° 1	6°31	13°59	5°13	4°36	11°39	12°37	4°26	22°45	S 17
S 18	11 40 35	27° 2'08	25° 3	2°15	20°31	9°45	26°15	6°27	13°56	5°15	4°34	11°31	12°34	4°33	22°49	S 18
M19	11 44 32	28° 1'41	9♉29	4°16	21°45	10°30	26°30	6°22	13°54	5°17	4°33	11°25	12°31	4°40	22°53	M19
T 20	11 48 28	29° 1'12	23°25	6°17	23° 0	11°16	26°45	6°18	13°51	5°19	4°32	11°21	12°28	4°47	22°56	T 20
W21	11 52 25	0♈ 0'40	6♊52	8°17	24°14	12° 2	26°59	6°14	13°49	5°21	4°30	11°D20	12°24	4°53	23° 0	W21
T 22	11 56 21	1° 0'06	19°51	10°18	25°29	12°47	27°14	6°10	13°46	5°23	4°29	11°20	12°21	5° 0	23° 4	T 22
F 23	12 0 18	1°59'30	2♋28	12°17	26°44	13°33	27°28	6° 6	13°44	5°24	4°28	11°R20	12°18	5° 7	23° 7	F 23
S 24	12 4 14	2°58'51	14°46	14°15	27°58	14°18	27°43	6° 2	13°41	5°26	4°26	11°20	12°15	5°13	23°11	S 24
S 25	12 8 11	3°58'10	26°50	16°11	29°13	15° 4	27°57	5°58	13°39	5°28	4°25	11°17	12°12	5°20	23°15	S 25
M26	12 12 8	4°57'27	8♌46	18° 5	0♈27	15°49	28°12	5°54	13°37	5°30	4°24	11°12	12° 9	5°27	23°18	M26
T 27	12 16 4	5°56'41	20°38	19°57	1°42	16°34	28°26	5°50	13°34	5°32	4°22	11° 4	12° 5	5°34	23°22	T 27
W28	12 20 1	6°55'53	2♍29	21°46	2°56	17°20	28°41	5°46	13°32	5°34	4°21	10°55	12° 2	5°40	23°25	W28
T 29	12 23 57	7°55'03	14°22	23°32	4°11	18° 5	28°55	5°42	13°30	5°36	4°20	10°43	11°59	5°47	23°28	T 29
F 30	12 27 54	8°54'11	26°19	25°14	5°25	18°50	29° 9	5°39	13°27	5°39	4°19	10°31	11°56	5°54	23°32	F 30
S 31	12 31 50	9♈53'17	8♎22	26♈53	6♈39	19♈35	29♓24	5♍35	13♍25	5♉41	4♍17	10♐19	11♐53	6♍ 1	23♒35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s48	4n53	4s56	13s31	2s 9	12s55	1s17	1s58	0s42	4s 6	1s 5	10n34	2n 2	6n48	0n49	11n28	1s46	22n 9	13n27	22s28	22s27	5n50	8s31	6n 6
F 2	7 25	0 22	4 58	12 53	2 8	12 30	1 18	1 39	0 42	4 1	1 5	10 36	2 2	6 49	0 49	11 29	1 46	22 10	13 27	22 26	22 27	5 47	8 30	6 6
S 3	7 2	4s10	4 47	12 13	2 7	12 4	1 19	1 20	0 41	3 55	1 5	10 38	2 3	6 50	0 49	11 29	1 46	22 11	13 27	22 24	22 26	5 44	8 29	6 6
S 4	6 39	8 34	4 24	11 32	2 5	11 38	1 20	1 1	0 41	3 49	1 5	10 39	2 3	6 51	0 49	11 30	1 46	22 11	13 27	22 23	22 26	5 42	8 27	6 6
M 5	6 16	12 40	3 48	10 50	2 3	11 12	1 21	0 42	0 40	3 44	1 5	10 41	2 3	6 52	0 49	11 31	1 46	22 12	13 27	22 22	22 25	5 39	8 26	6 6
T 6	5 53	16 18	3 1	10 6	2 1	10 45	1 22	0 23	0 39	3 38	1 5	10 43	2 3	6 53	0 49	11 31	1 45	22 12	13 27	22 21	22 25	5 37	8 24	6 6
W 7	5 30	19 16	2 5	9 21	1 58	10 18	1 22	0 4	0 39	3 32	1 4	10 45	2 3	6 54	0 49	11 32	1 45	22 13	13 27	22 20	22 25	5 34	8 23	6 6
T 8	5 7	21 21	1 1	8 35	1 54	9 51	1 23	0n15	0 38	3 26	1 4	10 47	2 3	6 55	0 49	11 32	1 45	22 13	13 27	22 20	22 24	5 32	8 22	6 6
F 9	4 43	22 23	0n 7	7 47	1 50	9 23	1 24	0 34	0 38	3 21	1 4	10 48	2 3	6 56	0 49	11 33	1 45	22 14	13 27	22 20	22 24	5 29	8 20	6 7
S 10	4 20	22 10	1 16	6 58	1 45	8 55	1 24	0 53	0 37	3 15	1 4	10 50	2 3	6 57	0 49	11 33	1 45	22 15	13 27	22 20	22 23	5 27	8 19	6 7
S 11	3 56	20 39	2 24	6 8	1 40	8 27	1 25	1 12	0 36	3 9	1 5	10 52	2 3	6 58	0 49	11 34	1 45	22 15	13 27	22 20	22 23	5 24	8 17	6 7
M12	3 33	17 49	3 24	5 17	1 34	7 59	1 25	1 30	0 36	3 3	1 5	10 54	2 3	6 59	0 49	11 35	1 45	22 16	13 27	22 19	22 23	5 22	8 16	6 7
T 13	3 9	13 48	4 14	4 25	1 28	7 31	1 26	1 49	0 35	2 58	1 5	10 55	2 3	7 0	0 49	11 35	1 45	22 16	13 27	22 18	22 22	5 19	8 15	6 7
W14	2 46	8 50	4 47	3 32	1 21	7 2	1 26	2 8	0 34	2 52	1 5	10 57	2 3	7 1	0 49	11 36	1 45	22 17	13 27	22 17	22 22	5 17	8 13	6 7
T 15	2 22	3 16	5 0	2 38	1 14	6 33	1 26	2 27	0 34	2 46	1 5	10 59	2 3	7 2	0 49	11 37	1 45	22 17	13 27	22 16	22 21	5 14	8 12	6 7
F 16	1 58	2n31	4 53	1 43	1 6	6 4	1 26	2 45	0 33	2 40	1 5	11 0	2 3	7 3	0 49	11 37	1 45	22 18	13 27	22 14	22 21	5 12	8 11	6 8
S 17	1 35	8 6	4 25	0 47	0 57	5 35	1 26	3 4	0 33	2 34	1 5	11 2	2 3	7 4	0 49	11 38	1 45	22 18	13 27	22 13	22 21	5 9	8 9	6 8
S 18	1 11	13 6	3 39	0n10	0 48	5 5	1 27	3 23	0 32	2 29	1 5	11 4	2 3	7 5	0 49	11 39	1 45	22 19	13 27	22 12	22 20	5 6	8 8	6 8
M19	0 47	17 12	2 40	1 6	0 39	4 36	1 27	3 41	0 31	2 23	1 5	11 5	2 3	7 6	0 49	11 39	1 45	22 19	13 27	22 11	22 20	5 4	8 6	6 8
T 20	0 23	20 10	1 34	2 4	0 29	4 6	1 26	4 0	0 31	2 17	1 5	11 7	2 3	7 7	0 49	11 40	1 45	22 19	13 26	22 11	22 19	5 1	8 5	6 8
W21	0n 0	21 53	0 24	3 1	0 18	3 37	1 26	4 18	0 30	2 11	1 5	11 8	2 3	7 8	0 49	11 41	1 45	22 20	13 26	22 10	22 19	4 59	8 4	6 8
T 22	0 24	22 20	0s45	3 58	0 7	3 7	1 26	4 36	0 29	2 6	1 5	11 10	2 3	7 9	0 49	11 41	1 45	22 20	13 26	22 10	22 19	4 56	8 2	6 9
F 23	0 48	21 37	1 50	4 55	0n 4	2 37	1 26	4 55	0 29	2 0	1 5	11 11	2 3	7 10	0 49	11 42	1 45	22 21	13 26	22 10	22 18	4 54	8 1	6 9
S 24	1 11	19 53	2 48	5 52	0 15	2 7	1 26	5 13	0 28	1 54	1 5	11 13	2 3	7 10	0 49	11 43	1 45	22 21	13 26	22 10	22 18	4 51	8 0	6 9
S 25	1 35	17 16	3 37	6 47	0 27	1 37	1 25	5 31	0 28	1 48	1 5	11 14	2 3	7 11	0 49	11 43	1 45	22 21	13 26	22 10	22 17	4 49	7 58	6 9
M26	1 58	13 58	4 16	7 42	0 39	1 7	1 25	5 49	0 27	1 43	1 5	11 16	2 3	7 12	0 49	11 44	1 45	22 22	13 26	22 9	22 17	4 46	7 57	6 9
T 27	2 22	10 9	4 44	8 36	0 51	0 37	1 24	6 7	0 26	1 37	1 5	11 17	2 3	7 13	0 49	11 45	1 45	22 22	13 26	22 8	22 17	4 44	7 56	6 10
W28	2 45	5 57	4 59	9 28	1 3	0 7	1 24	6 25	0 26	1 31	1 5	11 18	2 2	7 14	0 49	11 45	1 45	22 22	13 25	22 7	22 16	4 41	7 54	6 10
T 29	3 9	1 31	5 2	10 18	1 14	0n24	1 23	6 43	0 25	1 25	1 5	11 20	2 2	7 15	0 49	11 46	1 45	22 23	13 25	22 5	22 16	4 39	7 53	6 10
F 30	3 32	3s 0	4 51	11 7	1 26	0 54	1 22	7 1	0 24	1 20	1 5	11 21	2 2	7 16	0 49	11 47	1 45	22 23	13 25	22 4	22 15	4 36	7 52	6 10
S 31	3n55	7s25	4s28	11n53	1n37	1n24	1s22	7n19	0s24	1s14	1s 5	11n22	2n 2	7n17	0n49	11n47	1s45	22n23	13n25	22s 2	22s15	4n34	7s50	6n11

Julian Day Number = 2347144.5, Delta T = 10.89 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'00, Lahiri = 19°52'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

APRIL 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 47	10♈52'20	20♎31	28♈27	7♈54	20♈20	29♓38	5°R32	13°R23	5♉43	4°R16	10°R 9	11♐49	6♍ 7	23♒38	S 1
M 2	12 39 43	11°51'22	2♏49	29°56	9° 8	21° 6	29°53	5♍28	13♍20	5°45	4♍15	10♐ 1	11°46	6°14	23°42	M 2
T 3	12 43 40	12°50'21	15°15	1♉21	10°23	21°51	0♈ 7	5°25	13°18	5°47	4°14	9°56	11°43	6°21	23°45	T 3
W 4	12 47 36	13°49'19	27°51	2°40	11°37	22°35	0°21	5°22	13°16	5°49	4°13	9°53	11°40	6°27	23°48	W 4
T 5	12 51 33	14°48'15	10♐40	3°54	12°51	23°20	0°36	5°19	13°14	5°51	4°12	9°D52	11°37	6°34	23°51	T 5
F 6	12 55 30	15°47'09	23°44	5° 2	14° 6	24° 5	0°50	5°15	13°12	5°53	4°10	9°53	11°34	6°41	23°54	F 6
S 7	12 59 26	16°46'02	7♑ 4	6° 5	15°20	24°50	1° 4	5°12	13°10	5°55	4° 9	9°54	11°30	6°48	23°57	S 7
S 8	13 3 23	17°44'53	20°45	7° 1	16°34	25°35	1°19	5°10	13° 8	5°58	4° 8	9°R54	11°27	6°54	24° 0	S 8
M 9	13 7 19	18°43'42	4♒45	7°52	17°49	26°20	1°33	5° 7	13° 6	6° 0	4° 7	9°53	11°24	7° 1	24° 3	M 9
T 10	13 11 16	19°42'29	19° 7	8°36	19° 3	27° 4	1°47	5° 4	13° 4	6° 2	4° 6	9°50	11°21	7° 8	24° 6	T 10
W11	13 15 12	20°41'15	3♓46	9°14	20°17	27°49	2° 1	5° 1	13° 2	6° 4	4° 5	9°45	11°18	7°15	24° 9	W11
T 12	13 19 9	21°39'58	18°37	9°46	21°31	28°33	2°15	4°59	13° 0	6° 6	4° 4	9°38	11°14	7°21	24°12	T 12
F 13	13 23 5	22°38'40	3♈34	10°12	22°46	29°18	2°29	4°56	12°58	6° 8	4° 3	9°31	11°11	7°28	24°15	F 13
S 14	13 27 2	23°37'20	18°27	10°32	24° 0	0♉ 3	2°43	4°54	12°56	6°11	4° 2	9°24	11° 8	7°35	24°17	S 14
S 15	13 30 59	24°35'58	3♉ 8	10°45	25°14	0°47	2°57	4°52	12°55	6°13	4° 2	9°18	11° 5	7°41	24°20	S 15
M16	13 34 55	25°34'35	17°29	10°52	26°28	1°31	3°11	4°50	12°53	6°15	4° 1	9°14	11° 2	7°48	24°23	M16
T 17	13 38 52	26°33'09	1♊25	10°R53	27°43	2°16	3°25	4°47	12°51	6°17	4° 0	9°12	10°59	7°55	24°25	T 17
W18	13 42 48	27°31'41	14°56	10°49	28°57	3° 0	3°39	4°45	12°50	6°20	3°59	9°D12	10°55	8° 2	24°28	W18
T 19	13 46 45	28°30'11	28° 0	10°38	0♉11	3°44	3°53	4°44	12°48	6°22	3°58	9°13	10°52	8° 8	24°30	T 19
F 20	13 50 41	29°28'39	10♋42	10°23	1°25	4°28	4° 7	4°42	12°47	6°24	3°58	9°15	10°49	8°15	24°32	F 20
S 21	13 54 38	0♉27'05	23° 4	10° 3	2°39	5°13	4°21	4°40	12°45	6°26	3°57	9°16	10°46	8°22	24°35	S 21
S 22	13 58 34	1°25'28	5♌12	9°38	3°53	5°57	4°34	4°39	12°44	6°29	3°56	9°R16	10°43	8°28	24°37	S 22
M23	14 2 31	2°23'50	17° 9	9° 9	5° 7	6°41	4°48	4°37	12°42	6°31	3°55	9°15	10°40	8°35	24°39	M23
T 24	14 6 28	3°22'09	29° 2	8°38	6°21	7°25	5° 2	4°36	12°41	6°33	3°55	9°12	10°36	8°42	24°42	T 24
W25	14 10 24	4°20'26	10♍54	8° 3	7°35	8° 8	5°15	4°34	12°39	6°35	3°54	9° 8	10°33	8°49	24°44	W25
T 26	14 14 21	5°18'41	22°50	7°26	8°49	8°52	5°29	4°33	12°38	6°38	3°54	9° 2	10°30	8°55	24°46	T 26
F 27	14 18 17	6°16'55	4♎51	6°48	10° 3	9°36	5°42	4°32	12°37	6°40	3°53	8°56	10°27	9° 2	24°48	F 27
S 28	14 22 14	7°15'06	17° 1	6° 9	11°17	10°20	5°56	4°31	12°36	6°42	3°53	8°51	10°24	9° 9	24°50	S 28
S 29	14 26 10	8°13'15	29°21	5°31	12°31	11° 4	6° 9	4°30	12°35	6°44	3°52	8°46	10°20	9°16	24°52	S 29
M30	14 30 7	9♉11'23	11♏53	4♉53	13♉45	11♉47	6♈23	4♍29	12♍34	6♉47	3♍52	8♐42	10♐17	9♍22	24♒54	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n19	11s36	3s52	12n37	1n48	1n54	1s21	7n36	0s23	1s 8	1s 5	11n24	2n 2	7n18	0n49	11n48	1s45	22n24	13n25	22s 0	22s14	4n31	7s49	6n11
M 2	4 42	15 21	3 5	13 19	1 59	2 24	1 20	7 54	0 22	1 3	1 5	11 25	2 2	7 18	0 49	11 49	1 45	22 24	13 25	21 59	22 14	4 29	7 48	6 11
T 3	5 5	18 28	2 8	13 58	2 9	2 54	1 19	8 11	0 22	0 57	1 5	11 26	2 2	7 19	0 49	11 50	1 44	22 24	13 24	21 58	22 14	4 26	7 47	6 11
W 4	5 28	20 45	1 4	14 35	2 18	3 24	1 18	8 29	0 21	0 51	1 5	11 27	2 2	7 20	0 49	11 50	1 44	22 25	13 24	21 58	22 13	4 23	7 45	6 12
T 5	5 51	22 1	0n 4	15 8	2 27	3 54	1 17	8 46	0 21	0 46	1 5	11 28	2 2	7 21	0 49	11 51	1 44	22 25	13 24	21 58	22 13	4 21	7 44	6 12
F 6	6 13	22 6	1 14	15 39	2 35	4 24	1 16	9 3	0 20	0 40	1 5	11 29	2 2	7 22	0 49	11 52	1 44	22 25	13 24	21 58	22 12	4 18	7 43	6 12
S 7	6 36	20 57	2 21	16 6	2 42	4 54	1 15	9 20	0 19	0 34	1 5	11 30	2 2	7 22	0 49	11 52	1 44	22 25	13 24	21 58	22 12	4 16	7 42	6 12
S 8	6 58	18 33	3 21	16 31	2 48	5 24	1 13	9 37	0 19	0 29	1 5	11 31	2 2	7 23	0 49	11 53	1 44	22 25	13 23	21 58	22 11	4 13	7 40	6 13
M 9	7 21	15 2	4 12	16 52	2 53	5 53	1 12	9 54	0 18	0 23	1 6	11 32	2 2	7 24	0 48	11 54	1 44	22 26	13 23	21 58	22 11	4 11	7 39	6 13
T 10	7 43	10 34	4 47	17 11	2 57	6 23	1 11	10 11	0 17	0 18	1 6	11 33	2 1	7 25	0 48	11 55	1 44	22 26	13 23	21 57	22 11	4 8	7 38	6 13
W11	8 5	5 24	5 5	17 26	3 0	6 52	1 9	10 27	0 17	0 12	1 6	11 34	2 1	7 25	0 48	11 55	1 44	22 26	13 23	21 57	22 10	4 6	7 37	6 13
T 12	8 27	0n 9	5 3	17 38	3 1	7 21	1 8	10 44	0 16	0 6	1 6	11 35	2 1	7 26	0 48	11 56	1 44	22 26	13 22	21 56	22 10	4 3	7 36	6 14
F 13	8 49	5 43	4 41	17 47	3 2	7 50	1 6	11 0	0 15	0 1	1 6	11 36	2 1	7 27	0 48	11 57	1 44	22 26	13 22	21 55	22 9	4 1	7 34	6 14
S 14	9 11	10 56	3 59	17 52	3 1	8 19	1 5	11 16	0 15	0n 5	1 6	11 36	2 1	7 27	0 48	11 58	1 44	22 26	13 22	21 54	22 9	3 58	7 33	6 14
S 15	9 33	15 26	3 2	17 54	2 59	8 48	1 3	11 33	0 14	0 10	1 6	11 37	2 1	7 28	0 48	11 58	1 44	22 26	13 22	21 53	22 8	3 56	7 32	6 15
M16	9 54	18 55	1 55	17 53	2 56	9 16	1 2	11 49	0 13	0 16	1 6	11 38	2 1	7 29	0 48	11 59	1 44	22 26	13 21	21 52	22 8	3 53	7 31	6 15
T 17	10 15	21 10	0 42	17 49	2 51	9 44	1 0	12 5	0 13	0 21	1 6	11 38	2 1	7 29	0 48	12 0	1 44	22 27	13 21	21 52	22 7	3 51	7 30	6 15
W18	10 37	22 7	0s31	17 42	2 45	10 12	0 58	12 20	0 12	0 27	1 6	11 39	2 1	7 30	0 48	12 1	1 44	22 27	13 21	21 52	22 7	3 48	7 29	6 15
T 19	10 58	21 47	1 40	17 31	2 37	10 40	0 57	12 36	0 11	0 32	1 6	11 40	2 1	7 30	0 48	12 1	1 44	22 27	13 21	21 52	22 7	3 46	7 28	6 16
F 20	11 18	20 21	2 43	17 18	2 28	11 8	0 55	12 52	0 11	0 37	1 6	11 40	2 0	7 31	0 48	12 2	1 44	22 27	13 20	21 52	22 6	3 43	7 27	6 16
S 21	11 39	17 57	3 36	17 2	2 18	11 35	0 53	13 7	0 10	0 43	1 6	11 41	2 0	7 31	0 48	12 3	1 44	22 27	13 20	21 52	22 6	3 41	7 26	6 16
S 22	11 59	14 50	4 18	16 43	2 7	12 2	0 51	13 22	0 10	0 48	1 7	11 41	2 0	7 32	0 48	12 4	1 44	22 27	13 20	21 52	22 5	3 38	7 25	6 17
M23	12 19	11 8	4 48	16 22	1 54	12 29	0 49	13 38	0 9	0 54	1 7	11 42	2 0	7 33	0 48	12 4	1 44	22 27	13 20	21 52	22 5	3 36	7 24	6 17
T 24	12 39	7 2	5 6	15 59	1 40	12 55	0 47	13 53	0 8	0 59	1 7	11 42	2 0	7 33	0 48	12 5	1 44	22 27	13 19	21 52	22 4	3 33	7 23	6 17
W25	12 59	2 42	5 11	15 34	1 25	13 21	0 45	14 7	0 8	1 4	1 7	11 42	2 0	7 33	0 48	12 6	1 44	22 27	13 19	21 51	22 4	3 30	7 22	6 18
T 26	13 19	1s46	5 2	15 7	1 10	13 47	0 43	14 22	0 7	1 9	1 7	11 43	2 0	7 34	0 48	12 6	1 44	22 27	13 19	21 50	22 3	3 28	7 21	6 18
F 27	13 38	6 13	4 40	14 39	0 54	14 12	0 41	14 37	0 6	1 15	1 7	11 43	2 0	7 34	0 48	12 7	1 44	22 27	13 18	21 49	22 3	3 25	7 20	6 18
S 28	13 57	10 28	4 5	14 10	0 37	14 37	0 39	14 51	0 6	1 20	1 7	11 43	1 59	7 35	0 48	12 8	1 44	22 27	13 18	21 49	22 2	3 23	7 19	6 19
S 29	14 16	14 21	3 18	13 41	0 20	15 2	0 37	15 5	0 5	1 25	1 7	11 43	1 59	7 35	0 48	12 9	1 44	22 26	13 18	21 48	22 2	3 20	7 18	6 19
M30	14n35	17s40	2s21	13n12	0n 2	15n26	0s35	15n19	0s 4	1n30	1s 7	11n44	1n59	7n36	0n48	12n 9	1s44	22n26	13n18	21s47	22s 2	3n18	7s17	6n19

Julian Day Number = 2347175.5, Delta T = 10.88 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'04, Lahiri = 19°52'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

MAY 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 3	10♉ 9'29	24♏36	4°R16	14♉59	12♉31	6♈36	4°R29	12°R32	6♉49	3°R51	8°R40	10♐14	9♍29	24♒55	T 1
W 2	14 38 0	11° 7'34	7♐32	3♉41	16°13	13°14	6°49	4♍28	12♍32	6°51	3♍51	8°D39	10°11	9°36	24°57	W 2
T 3	14 41 57	12° 5'37	20°41	3° 9	17°27	13°58	7° 2	4°28	12°31	6°53	3°50	8♐40	10° 8	9°42	24°59	T 3
F 4	14 45 53	13° 3'38	4♑ 2	2°40	18°41	14°41	7°15	4°27	12°30	6°56	3°50	8°41	10° 5	9°49	25° 0	F 4
S 5	14 49 50	14° 1'38	17°36	2°14	19°55	15°25	7°29	4°27	12°29	6°58	3°50	8°42	10° 1	9°56	25° 2	S 5
S 6	14 53 46	14°59'37	1♒24	1°52	21° 9	16° 8	7°42	4°27	12°28	7° 0	3°49	8°44	9°58	10° 3	25° 4	S 6
M 7	14 57 43	15°57'35	15°25	1°34	22°23	16°51	7°54	4°D27	12°27	7° 2	3°49	8°R44	9°55	10° 9	25° 5	M 7
T 8	15 1 39	16°55'31	29°37	1°21	23°37	17°35	8° 7	4°27	12°27	7° 5	3°49	8°44	9°52	10°16	25° 6	T 8
W 9	15 5 36	17°53'25	13♓59	1°12	24°51	18°18	8°20	4°27	12°26	7° 7	3°49	8°42	9°49	10°23	25° 8	W 9
T 10	15 9 32	18°51'19	28°28	1°D 7	26° 4	19° 1	8°33	4°28	12°25	7° 9	3°48	8°40	9°46	10°29	25° 9	T 10
F 11	15 13 29	19°49'11	12♈58	1° 7	27°18	19°44	8°46	4°28	12°25	7°11	3°48	8°38	9°42	10°36	25°10	F 11
S 12	15 17 26	20°47'02	27°24	1°12	28°32	20°27	8°58	4°28	12°24	7°14	3°48	8°35	9°39	10°43	25°11	S 12
S 13	15 21 22	21°44'52	11♉41	1°21	29°46	21°10	9°11	4°29	12°24	7°16	3°48	8°33	9°36	10°50	25°12	S 13
M14	15 25 19	22°42'40	25°44	1°35	1♊ 0	21°53	9°23	4°30	12°24	7°18	3°48	8°32	9°33	10°56	25°13	M14
T 15	15 29 15	23°40'27	9♊28	1°53	2°13	22°36	9°36	4°31	12°23	7°20	3°48	8°D32	9°30	11° 3	25°14	T 15
W16	15 33 12	24°38'13	22°52	2°16	3°27	23°19	9°48	4°31	12°23	7°22	3°D48	8°32	9°26	11°10	25°15	W16
T 17	15 37 8	25°35'57	5♋54	2°43	4°41	24° 2	10° 0	4°32	12°23	7°25	3°48	8°33	9°23	11°17	25°16	T 17
F 18	15 41 5	26°33'40	18°36	3°14	5°55	24°44	10°12	4°34	12°23	7°27	3°48	8°34	9°20	11°23	25°17	F 18
S 19	15 45 1	27°31'20	1♌ 0	3°49	7° 8	25°27	10°24	4°35	12°22	7°29	3°48	8°35	9°17	11°30	25°18	S 19
S 20	15 48 58	28°29'00	13°11	4°28	8°22	26°10	10°36	4°36	12°22	7°31	3°48	8°36	9°14	11°37	25°18	S 20
M21	15 52 55	29°26'38	25°11	5°11	9°36	26°52	10°48	4°38	12°D22	7°33	3°48	8°R37	9°11	11°43	25°19	M21
T 22	15 56 51	0♊24'14	7♍ 5	5°58	10°49	27°35	11° 0	4°39	12°22	7°35	3°49	8°37	9° 7	11°50	25°19	T 22
W23	16 0 48	1°21'49	18°58	6°48	12° 3	28°17	11°12	4°41	12°23	7°37	3°49	8°36	9° 4	11°57	25°20	W23
T 24	16 4 44	2°19'22	0♎55	7°41	13°17	29° 0	11°23	4°42	12°23	7°39	3°49	8°36	9° 1	12° 4	25°20	T 24
F 25	16 8 41	3°16'54	13° 0	8°38	14°30	29°42	11°35	4°44	12°23	7°42	3°49	8°35	8°58	12°10	25°21	F 25
S 26	16 12 37	4°14'25	25°15	9°39	15°44	0♊24	11°46	4°46	12°23	7°44	3°50	8°34	8°55	12°17	25°21	S 26
S 27	16 16 34	5°11'54	7♏44	10°42	16°58	1° 7	11°58	4°48	12°24	7°46	3°50	8°34	8°51	12°24	25°21	S 27
M28	16 20 30	6° 9'23	20°29	11°49	18°11	1°49	12° 9	4°50	12°24	7°48	3°50	8°34	8°48	12°31	25°21	M28
T 29	16 24 27	7° 6'50	3♐31	12°59	19°25	2°31	12°20	4°53	12°24	7°50	3°51	8°D33	8°45	12°37	25°21	T 29
W30	16 28 24	8° 4'16	16°49	14°11	20°38	3°13	12°31	4°55	12°25	7°52	3°51	8°33	8°42	12°44	25°R22	W30
T 31	16 32 20	9♊ 1'41	0♑22	15♉27	21♊52	3♊55	12♈42	4♍57	12♍25	7♉54	3♍52	8°R33	8♐39	12♍51	25♒22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n53	20s11	1s16	12n44	0s15	15n50	0s32	15n33	0s 4	1n35	1s 7	11n44	1n59	7n36	0n48	12n10	1s44	22n26	13n17	21s47	22s 1	3n15	7s16	6n20
W 2	15 11	21 42	0 6	12 16	0 32	16 14	0 30	15 47	0 3	1 41	1 8	11 44	1 59	7 36	0 48	12 11	1 44	22 26	13 17	21 47	22 1	3 13	7 15	6 20
T 3	15 29	22 3	1n 6	11 49	0 49	16 37	0 28	16 1	0 2	1 46	1 8	11 44	1 59	7 37	0 48	12 12	1 44	22 26	13 17	21 47	22 0	3 10	7 14	6 20
F 4	15 47	21 10	2 15	11 24	1 5	17 0	0 26	16 14	0 2	1 51	1 8	11 44	1 59	7 37	0 48	12 12	1 44	22 26	13 16	21 47	22 0	3 8	7 13	6 21
S 5	16 4	19 3	3 18	11 0	1 21	17 22	0 23	16 28	0 1	1 56	1 8	11 44	1 58	7 37	0 48	12 13	1 44	22 26	13 16	21 47	21 59	3 5	7 12	6 21
S 6	16 22	15 48	4 10	10 38	1 36	17 44	0 21	16 41	0 0	2 1	1 8	11 44	1 58	7 37	0 48	12 14	1 44	22 25	13 16	21 47	21 59	3 3	7 11	6 21
M 7	16 38	11 38	4 49	10 19	1 50	18 5	0 19	16 54	0n 0	2 6	1 8	11 44	1 58	7 38	0 48	12 15	1 44	22 25	13 15	21 48	21 58	3 0	7 11	6 22
T 8	16 55	6 46	5 11	10 1	2 4	18 26	0 17	17 7	0 1	2 11	1 8	11 43	1 58	7 38	0 47	12 15	1 44	22 25	13 15	21 47	21 58	2 58	7 10	6 22
W 9	17 11	1 29	5 13	9 46	2 17	18 47	0 14	17 20	0 1	2 16	1 8	11 43	1 58	7 38	0 47	12 16	1 44	22 25	13 15	21 47	21 57	2 55	7 9	6 23
T 10	17 27	3n55	4 56	9 34	2 28	19 7	0 12	17 32	0 2	2 21	1 9	11 43	1 58	7 38	0 47	12 17	1 44	22 25	13 14	21 47	21 57	2 53	7 8	6 23
F 11	17 43	9 7	4 20	9 24	2 39	19 26	0 9	17 44	0 3	2 26	1 9	11 43	1 58	7 39	0 47	12 17	1 44	22 24	13 14	21 47	21 56	2 50	7 8	6 23
S 12	17 59	13 48	3 28	9 16	2 49	19 45	0 7	17 57	0 3	2 30	1 9	11 42	1 57	7 39	0 47	12 18	1 44	22 24	13 14	21 46	21 56	2 48	7 7	6 24
S 13	18 14	17 38	2 23	9 11	2 57	20 3	0 5	18 9	0 4	2 35	1 9	11 42	1 57	7 39	0 47	12 19	1 44	22 24	13 13	21 46	21 55	2 45	7 6	6 24
M14	18 29	20 21	1 10	9 9	3 5	20 21	0 2	18 20	0 5	2 40	1 9	11 42	1 57	7 39	0 47	12 20	1 44	22 24	13 13	21 46	21 55	2 43	7 6	6 24
T 15	18 43	21 49	0s 5	9 9	3 12	20 38	0n 0	18 32	0 5	2 45	1 9	11 41	1 57	7 39	0 47	12 20	1 44	22 23	13 13	21 46	21 54	2 40	7 5	6 25
W16	18 57	21 59	1 18	9 11	3 18	20 55	0 3	18 43	0 6	2 49	1 9	11 41	1 57	7 39	0 47	12 21	1 44	22 23	13 12	21 46	21 54	2 38	7 4	6 25
T 17	19 11	20 55	2 26	9 16	3 22	21 11	0 5	18 55	0 6	2 54	1 10	11 40	1 57	7 39	0 47	12 22	1 44	22 23	13 12	21 46	21 54	2 35	7 4	6 25
F 18	19 25	18 49	3 24	9 23	3 26	21 27	0 8	19 6	0 7	2 59	1 10	11 40	1 57	7 39	0 47	12 22	1 44	22 22	13 12	21 46	21 53	2 33	7 3	6 26
S 19	19 38	15 53	4 11	9 32	3 29	21 42	0 10	19 17	0 8	3 3	1 10	11 39	1 56	7 39	0 47	12 23	1 44	22 22	13 11	21 46	21 53	2 30	7 2	6 26
S 20	19 51	12 19	4 46	9 43	3 31	21 56	0 12	19 27	0 8	3 8	1 10	11 38	1 56	7 39	0 47	12 24	1 44	22 22	13 11	21 46	21 52	2 28	7 2	6 27
M21	20 4	8 19	5 8	9 56	3 32	22 10	0 15	19 38	0 9	3 12	1 10	11 38	1 56	7 39	0 47	12 24	1 44	22 21	13 11	21 46	21 52	2 25	7 1	6 27
T 22	20 16	4 1	5 16	10 11	3 33	22 23	0 17	19 48	0 10	3 17	1 10	11 37	1 56	7 39	0 47	12 25	1 44	22 21	13 10	21 46	21 51	2 23	7 1	6 27
W23	20 28	0s24	5 11	10 27	3 32	22 36	0 20	19 58	0 10	3 21	1 10	11 36	1 56	7 39	0 47	12 26	1 44	22 21	13 10	21 46	21 51	2 20	7 0	6 28
T 24	20 39	4 51	4 53	10 46	3 31	22 47	0 22	20 8	0 11	3 26	1 11	11 36	1 56	7 39	0 47	12 26	1 44	22 20	13 10	21 46	21 50	2 18	7 0	6 28
F 25	20 51	9 9	4 21	11 6	3 29	22 59	0 24	20 18	0 11	3 30	1 11	11 35	1 56	7 39	0 47	12 27	1 45	22 20	13 9	21 46	21 50	2 15	6 59	6 28
S 26	21 1	13 9	3 38	11 27	3 27	23 9	0 27	20 28	0 12	3 34	1 11	11 34	1 55	7 39	0 47	12 28	1 45	22 19	13 9	21 46	21 49	2 13	6 59	6 29
S 27	21 12	16 40	2 43	11 50	3 23	23 19	0 29	20 37	0 13	3 39	1 11	11 33	1 55	7 38	0 47	12 28	1 45	22 19	13 9	21 46	21 49	2 10	6 58	6 29
M28	21 22	19 29	1 39	12 14	3 19	23 28	0 32	20 46	0 13	3 43	1 11	11 32	1 55	7 38	0 47	12 29	1 45	22 18	13 8	21 46	21 48	2 8	6 58	6 29
T 29	21 32	21 21	0 28	12 40	3 14	23 37	0 34	20 55	0 14	3 47	1 11	11 31	1 55	7 38	0 47	12 29	1 45	22 18	13 8	21 46	21 48	2 5	6 58	6 30
W30	21 41	22 4	0n46	13 7	3 9	23 45	0 36	21 4	0 15	3 51	1 12	11 30	1 55	7 38	0 47	12 30	1 45	22 17	13 8	21 46	21 47	2 3	6 57	6 30
T 31	21n50	21s31	1n58	13n34	3s 3	23n52	0n38	21n13	0n15	3n56	1s12	11n29	1n55	7n38	0n46	12n31	1s45	22n17	13n 7	21s46	21s47	2n 0	6s57	6n31

Julian Day Number = 2347205.5, Delta T = 10.87 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'09, Lahiri = 19°52'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

JUNE 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 36 17	9♊59'06	14♑ 9	16♉46	23♊ 5	4♊37	12♈53	5♍ 0	12♍26	7♉56	3♍52	8°R33	8♐36	12♍57	25°R21	F 1
S 2	16 40 13	10°56'29	28° 7	18° 7	24°19	5°19	13° 4	5° 2	12°27	7°58	3°53	8♐33	8°32	13° 4	25♒21	S 2
S 3	16 44 10	11°53'52	12♒13	19°32	25°32	6° 1	13°15	5° 5	12°27	8° 0	3°53	8°33	8°29	13°11	25°21	S 3
M 4	16 48 6	12°51'15	26°25	20°59	26°46	6°43	13°25	5° 8	12°28	8° 2	3°54	8°33	8°26	13°18	25°21	M 4
T 5	16 52 3	13°48'36	10♓39	22°29	27°59	7°25	13°36	5°11	12°29	8° 4	3°54	8°D32	8°23	13°24	25°20	T 5
W 6	16 55 59	14°45'58	24°54	24° 1	29°13	8° 6	13°46	5°14	12°30	8° 5	3°55	8°33	8°20	13°31	25°20	W 6
T 7	16 59 56	15°43'18	9♈ 5	25°37	0♋26	8°48	13°57	5°17	12°30	8° 7	3°56	8°33	8°17	13°38	25°20	T 7
F 8	17 3 53	16°40'39	23°12	27°15	1°40	9°30	14° 7	5°20	12°31	8° 9	3°56	8°33	8°13	13°44	25°19	F 8
S 9	17 7 49	17°37'59	7♉11	28°56	2°53	10°11	14°17	5°23	12°32	8°11	3°57	8°34	8°10	13°51	25°19	S 9
S 10	17 11 46	18°35'18	21° 0	0♊40	4° 7	10°53	14°27	5°27	12°33	8°13	3°58	8°35	8° 7	13°58	25°18	S 10
M11	17 15 42	19°32'37	4♊37	2°26	5°20	11°35	14°37	5°30	12°35	8°15	3°58	8°R35	8° 4	14° 5	25°17	M11
T 12	17 19 39	20°29'55	18° 0	4°15	6°33	12°16	14°46	5°34	12°36	8°16	3°59	8°35	8° 1	14°11	25°16	T 12
W13	17 23 35	21°27'13	1♋ 8	6° 7	7°47	12°58	14°56	5°37	12°37	8°18	4° 0	8°34	7°57	14°18	25°16	W13
T 14	17 27 32	22°24'31	14° 0	8° 1	9° 0	13°39	15° 5	5°41	12°38	8°20	4° 1	8°33	7°54	14°25	25°15	T 14
F 15	17 31 28	23°21'47	26°36	9°57	10°14	14°20	15°15	5°45	12°40	8°22	4° 2	8°31	7°51	14°32	25°14	F 15
S 16	17 35 25	24°19'03	8♌57	11°56	11°27	15° 2	15°24	5°49	12°41	8°23	4° 3	8°29	7°48	14°38	25°13	S 16
S 17	17 39 22	25°16'18	21° 6	13°57	12°40	15°43	15°33	5°53	12°42	8°25	4° 4	8°27	7°45	14°45	25°12	S 17
M18	17 43 18	26°13'33	3♍ 6	16° 0	13°54	16°24	15°42	5°57	12°44	8°27	4° 5	8°25	7°42	14°52	25°11	M18
T 19	17 47 15	27°10'47	15° 1	18° 5	15° 7	17° 5	15°51	6° 1	12°45	8°28	4° 6	8°23	7°38	14°58	25° 9	T 19
W20	17 51 11	28° 8'00	26°54	20°12	16°20	17°46	16° 0	6° 5	12°47	8°30	4° 7	8°D23	7°35	15° 5	25° 8	W20
T 21	17 55 8	29° 5'13	8♎50	22°20	17°34	18°27	16° 8	6° 9	12°48	8°32	4° 8	8°23	7°32	15°12	25° 7	T 21
F 22	17 59 4	0♋ 2'25	20°55	24°29	18°47	19° 8	16°17	6°14	12°50	8°33	4° 9	8°24	7°29	15°19	25° 6	F 22
S 23	18 3 1	0°59'36	3♏12	26°39	20° 0	19°49	16°25	6°18	12°52	8°35	4°10	8°26	7°26	15°25	25° 4	S 23
S 24	18 6 57	1°56'47	15°46	28°49	21°13	20°30	16°33	6°23	12°54	8°36	4°11	8°27	7°23	15°32	25° 3	S 24
M25	18 10 54	2°53'58	28°39	1♋ 0	22°27	21°11	16°41	6°27	12°55	8°38	4°12	8°28	7°19	15°39	25° 1	M25
T 26	18 14 51	3°51'09	11♐53	3°11	23°40	21°52	16°49	6°32	12°57	8°39	4°13	8°R29	7°16	15°46	25° 0	T 26
W27	18 18 47	4°48'19	25°30	5°22	24°53	22°33	16°57	6°37	12°59	8°41	4°15	8°28	7°13	15°52	24°58	W27
T 28	18 22 44	5°45'29	9♑27	7°32	26° 6	23°13	17° 5	6°41	13° 1	8°42	4°16	8°26	7°10	15°59	24°56	T 28
F 29	18 26 40	6°42'39	23°41	9°42	27°19	23°54	17°12	6°46	13° 3	8°44	4°17	8°22	7° 7	16° 6	24°55	F 29
S 30	18 30 37	7♋39'49	8♒ 7	11♋50	28♋32	24♊35	17♈20	6♍51	13♍ 5	8♉45	4♍18	8♐18	7♐ 3	16♍12	24♒53	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n59	19s40	3n 5	14n 3	2s57	23n58	0n41	21n21	0n16	4n 0	1s12	11n28	1n55	7n37	0n46	12n31	1s45	22n17	13n 7	21s46	21s46	1n58	6s57	6n31
S 2	22 7	16 38	4 1	14 32	2 50	24 4	0 43	21 29	0 16	4 4	1 12	11 27	1 54	7 37	0 46	12 32	1 45	22 16	13 7	21 46	21 46	1 55	6 56	6 31
S 3	22 15	12 37	4 44	15 2	2 42	24 9	0 45	21 37	0 17	4 8	1 12	11 26	1 54	7 37	0 46	12 33	1 45	22 16	13 6	21 46	21 45	1 53	6 56	6 32
M 4	22 22	7 52	5 10	15 33	2 34	24 13	0 47	21 45	0 18	4 12	1 12	11 25	1 54	7 36	0 46	12 33	1 45	22 15	13 6	21 46	21 45	1 50	6 56	6 32
T 5	22 30	2 42	5 17	16 4	2 25	24 17	0 50	21 53	0 18	4 15	1 13	11 24	1 54	7 36	0 46	12 34	1 45	22 14	13 6	21 46	21 44	1 48	6 56	6 32
W 6	22 36	2n37	5 4	16 36	2 16	24 20	0 52	22 0	0 19	4 19	1 13	11 22	1 54	7 36	0 46	12 34	1 45	22 14	13 5	21 46	21 44	1 45	6 55	6 33
T 7	22 43	7 47	4 33	17 8	2 7	24 22	0 54	22 7	0 19	4 23	1 13	11 21	1 54	7 35	0 46	12 35	1 45	22 13	13 5	21 46	21 43	1 43	6 55	6 33
F 8	22 48	12 31	3 46	17 40	1 57	24 24	0 56	22 14	0 20	4 27	1 13	11 20	1 54	7 35	0 46	12 35	1 45	22 13	13 5	21 46	21 43	1 40	6 55	6 33
S 9	22 54	16 32	2 45	18 13	1 47	24 24	0 58	22 21	0 21	4 31	1 13	11 18	1 53	7 34	0 46	12 36	1 45	22 12	13 4	21 46	21 42	1 38	6 55	6 34
S 10	22 59	19 34	1 36	18 45	1 36	24 25	1 0	22 28	0 21	4 34	1 14	11 17	1 53	7 34	0 46	12 37	1 45	22 12	13 4	21 46	21 42	1 35	6 55	6 34
M11	23 4	21 27	0 22	19 17	1 26	24 24	1 2	22 34	0 22	4 38	1 14	11 16	1 53	7 34	0 46	12 37	1 45	22 11	13 4	21 46	21 41	1 33	6 55	6 35
T 12	23 8	22 4	0s52	19 48	1 15	24 22	1 4	22 40	0 22	4 42	1 14	11 14	1 53	7 33	0 46	12 38	1 45	22 11	13 4	21 46	21 41	1 30	6 55	6 35
W13	23 12	21 27	2 1	20 19	1 4	24 20	1 6	22 46	0 23	4 45	1 14	11 13	1 53	7 33	0 46	12 38	1 45	22 10	13 3	21 46	21 40	1 28	6 55	6 35
T 14	23 15	19 42	3 3	20 49	0 52	24 17	1 7	22 52	0 24	4 49	1 14	11 11	1 53	7 32	0 46	12 39	1 45	22 9	13 3	21 46	21 40	1 26	6 54	6 36
F 15	23 19	17 1	3 55	21 18	0 41	24 14	1 9	22 57	0 24	4 52	1 15	11 10	1 53	7 31	0 46	12 39	1 45	22 9	13 3	21 45	21 39	1 23	6 54	6 36
S 16	23 21	13 38	4 34	21 46	0 30	24 10	1 11	23 3	0 25	4 55	1 15	11 8	1 53	7 31	0 46	12 40	1 45	22 8	13 2	21 45	21 39	1 21	6 54	6 36
S 17	23 23	9 44	5 1	22 12	0 18	24 5	1 13	23 8	0 25	4 59	1 15	11 7	1 52	7 30	0 46	12 40	1 45	22 7	13 2	21 45	21 38	1 18	6 55	6 37
M18	23 25	5 30	5 14	22 37	0 7	23 59	1 14	23 13	0 26	5 2	1 15	11 5	1 52	7 30	0 46	12 41	1 45	22 7	13 2	21 44	21 38	1 16	6 55	6 37
T 19	23 27	1 6	5 13	23 0	0n 4	23 52	1 16	23 17	0 26	5 5	1 16	11 3	1 52	7 29	0 46	12 41	1 45	22 6	13 1	21 44	21 37	1 13	6 55	6 37
W20	23 28	3s20	4 59	23 22	0 15	23 45	1 17	23 22	0 27	5 8	1 16	11 2	1 52	7 29	0 46	12 42	1 45	22 5	13 1	21 44	21 37	1 11	6 55	6 38
T 21	23 28	7 40	4 32	23 40	0 25	23 38	1 19	23 26	0 28	5 11	1 16	11 0	1 52	7 28	0 46	12 42	1 45	22 5	13 1	21 44	21 36	1 8	6 55	6 38
F 22	23 29	11 46	3 53	23 57	0 35	23 29	1 20	23 30	0 28	5 14	1 16	10 58	1 52	7 27	0 46	12 43	1 46	22 4	13 1	21 44	21 35	1 6	6 55	6 38
S 23	23 28	15 27	3 2	24 11	0 45	23 20	1 22	23 34	0 29	5 17	1 16	10 57	1 52	7 26	0 46	12 43	1 46	22 3	13 0	21 45	21 35	1 3	6 55	6 38
S 24	23 28	18 31	2 2	24 22	0 54	23 10	1 23	23 37	0 29	5 20	1 17	10 55	1 52	7 26	0 45	12 43	1 46	22 3	13 0	21 45	21 34	1 1	6 55	6 39
M25	23 27	20 46	0 54	24 31	1 3	22 59	1 24	23 41	0 30	5 23	1 17	10 53	1 51	7 25	0 45	12 44	1 46	22 2	13 0	21 45	21 34	0 58	6 56	6 39
T 26	23 25	21 56	0n19	24 37	1 11	22 48	1 26	23 44	0 30	5 26	1 17	10 51	1 51	7 24	0 45	12 44	1 46	22 1	12 59	21 45	21 33	0 56	6 56	6 39
W27	23 23	21 52	1 32	24 40	1 18	22 36	1 27	23 47	0 31	5 29	1 17	10 49	1 51	7 24	0 45	12 45	1 46	22 1	12 59	21 45	21 33	0 53	6 56	6 40
T 28	23 21	20 27	2 42	24 40	1 25	22 24	1 28	23 50	0 32	5 31	1 18	10 47	1 51	7 23	0 45	12 45	1 46	22 0	12 59	21 45	21 32	0 51	6 56	6 40
F 29	23 18	17 44	3 43	24 38	1 31	22 11	1 29	23 52	0 32	5 34	1 18	10 45	1 51	7 22	0 45	12 46	1 46	21 59	12 59	21 44	21 32	0 48	6 57	6 40
S 30	23n15	13s55	4n30	24n32	1n36	21n57	1n30	23n55	0n33	5n37	1s18	10n43	1n51	7n21	0n45	12n46	1s46	21n59	12n58	21s43	21s31	0n46	6s57	6n41

Julian Day Number = 2347236.5, Delta T = 10.86 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'13, Lahiri = 19°52'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

JULY 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 33	8♋36'59	22♒39	13♋58	29♋45	25♊15	17♈27	6♍56	13♍ 7	8♉46	4♍20	8°R14	7♐ 0	16♍19	24°R51	S 1
M 2	18 38 30	9°34'10	7♓11	16° 4	0♌59	25°56	17°34	7° 2	13° 9	8°48	4°21	8♐10	6°57	16°26	24♒49	M 2
T 3	18 42 27	10°31'20	21°38	18° 9	2°12	26°36	17°41	7° 7	13°11	8°49	4°22	8° 8	6°54	16°33	24°47	T 3
W 4	18 46 23	11°28'31	5♈55	20°12	3°25	27°17	17°47	7°12	13°14	8°50	4°24	8°D 7	6°51	16°39	24°45	W 4
T 5	18 50 20	12°25'43	20° 0	22°13	4°38	27°57	17°54	7°17	13°16	8°51	4°25	8° 7	6°48	16°46	24°43	T 5
F 6	18 54 16	13°22'55	3♉52	24°13	5°51	28°37	18° 0	7°23	13°18	8°53	4°26	8° 8	6°44	16°53	24°41	F 6
S 7	18 58 13	14°20'07	17°31	26°11	7° 4	29°18	18° 7	7°28	13°20	8°54	4°28	8° 9	6°41	16°59	24°39	S 7
S 8	19 2 9	15°17'20	0♊56	28° 8	8°17	29°58	18°13	7°34	13°23	8°55	4°29	8°10	6°38	17° 6	24°37	S 8
M 9	19 6 6	16°14'34	14° 8	0♌ 2	9°30	0♋38	18°19	7°39	13°25	8°56	4°31	8°R10	6°35	17°13	24°35	M 9
T 10	19 10 2	17°11'48	27° 9	1°55	10°43	1°19	18°25	7°45	13°28	8°57	4°32	8° 9	6°32	17°20	24°33	T 10
W11	19 13 59	18° 9'02	9♋57	3°45	11°56	1°59	18°30	7°51	13°30	8°58	4°34	8° 5	6°29	17°26	24°30	W11
T 12	19 17 56	19° 6'17	22°33	5°34	13° 9	2°39	18°36	7°56	13°33	8°59	4°35	8° 0	6°25	17°33	24°28	T 12
F 13	19 21 52	20° 3'32	4♌58	7°21	14°22	3°19	18°41	8° 2	13°35	9° 0	4°37	7°53	6°22	17°40	24°26	F 13
S 14	19 25 49	21° 0'47	17°12	9° 6	15°35	3°59	18°46	8° 8	13°38	9° 1	4°39	7°45	6°19	17°47	24°23	S 14
S 15	19 29 45	21°58'02	29°17	10°49	16°48	4°39	18°51	8°14	13°40	9° 2	4°40	7°38	6°16	17°53	24°21	S 15
M16	19 33 42	22°55'18	11♍14	12°31	18° 0	5°19	18°56	8°20	13°43	9° 3	4°42	7°30	6°13	18° 0	24°18	M16
T 17	19 37 38	23°52'34	23° 6	14°10	19°13	5°59	19° 0	8°26	13°46	9° 4	4°43	7°25	6° 9	18° 7	24°16	T 17
W18	19 41 35	24°49'51	4♎58	15°48	20°26	6°39	19° 5	8°32	13°49	9° 5	4°45	7°20	6° 6	18°13	24°13	W18
T 19	19 45 31	25°47'08	16°53	17°23	21°39	7°18	19° 9	8°38	13°51	9° 6	4°47	7°18	6° 3	18°20	24°11	T 19
F 20	19 49 28	26°44'25	28°55	18°57	22°52	7°58	19°13	8°44	13°54	9° 6	4°48	7°D18	6° 0	18°27	24° 8	F 20
S 21	19 53 25	27°41'42	11♏10	20°29	24° 5	8°38	19°17	8°51	13°57	9° 7	4°50	7°19	5°57	18°34	24° 5	S 21
S 22	19 57 21	28°39'00	23°42	21°59	25°17	9°17	19°21	8°57	14° 0	9° 8	4°52	7°20	5°54	18°40	24° 3	S 22
M23	20 1 18	29°36'19	6♐37	23°27	26°30	9°57	19°24	9° 3	14° 3	9° 9	4°54	7°R20	5°50	18°47	24° 0	M23
T 24	20 5 14	0♑33'38	19°57	24°54	27°43	10°37	19°28	9°10	14° 6	9° 9	4°55	7°20	5°47	18°54	23°57	T 24
W25	20 9 11	1°30'57	3♑44	26°18	28°55	11°16	19°31	9°16	14° 9	9°10	4°57	7°17	5°44	19° 0	23°54	W25
T 26	20 13 7	2°28'18	17°56	27°40	0♍ 8	11°56	19°34	9°23	14°12	9°10	4°59	7°12	5°41	19° 7	23°52	T 26
F 27	20 17 4	3°25'38	2♒31	29° 1	1°21	12°35	19°37	9°29	14°15	9°11	5° 1	7° 5	5°38	19°14	23°49	F 27
S 28	20 21 0	4°23'00	17°22	0♍19	2°33	13°15	19°39	9°36	14°18	9°12	5° 3	6°57	5°35	19°21	23°46	S 28
S 29	20 24 57	5°20'23	2♓20	1°35	3°46	13°54	19°42	9°43	14°21	9°12	5° 4	6°48	5°31	19°27	23°43	S 29
M30	20 28 54	6°17'46	17°15	2°49	4°58	14°33	19°44	9°49	14°24	9°13	5° 6	6°40	5°28	19°34	23°40	M30
T 31	20 32 50	7♌15'11	2♈ 1	4♍ 1	6♍11	15♋13	19♈46	9♍56	14♍27	9♉13	5♍ 8	6♐34	5♐25	19♍41	23♒37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n12	9s14	5n 1	24n24	1n40	21n43	1n31	23n57	0n33	5n39	1s18	10n41	1n51	7n20	0n45	12n46	1s46	21n58	12n58	21s43	21s31	0n44	6s57	6n41
M 2	23 8	4 3	5 12	24 14	1 44	21 28	1 32	23 59	0 34	5 42	1 18	10 39	1 51	7 19	0 45	12 47	1 46	21 57	12 58	21 42	21 30	0 41	6 58	6 41
T 3	23 3	1n20	5 4	24 1	1 47	21 12	1 32	24 0	0 34	5 44	1 19	10 37	1 51	7 19	0 45	12 47	1 46	21 56	12 58	21 42	21 30	0 39	6 58	6 41
W 4	22 59	6 35	4 36	23 45	1 49	20 56	1 33	24 2	0 35	5 46	1 19	10 35	1 51	7 18	0 45	12 47	1 46	21 56	12 57	21 42	21 29	0 36	6 58	6 42
T 5	22 54	11 25	3 53	23 27	1 51	20 39	1 34	24 3	0 36	5 49	1 19	10 33	1 50	7 17	0 45	12 48	1 46	21 55	12 57	21 42	21 29	0 34	6 59	6 42
F 6	22 48	15 35	2 56	23 8	1 51	20 22	1 34	24 4	0 36	5 51	1 19	10 31	1 50	7 16	0 45	12 48	1 46	21 54	12 57	21 42	21 28	0 31	6 59	6 42
S 7	22 42	18 51	1 50	22 46	1 51	20 4	1 35	24 5	0 37	5 53	1 20	10 29	1 50	7 15	0 45	12 48	1 46	21 53	12 57	21 42	21 28	0 29	7 0	6 42
S 8	22 36	21 1	0 39	22 23	1 51	19 45	1 35	24 6	0 37	5 55	1 20	10 27	1 50	7 14	0 45	12 49	1 46	21 53	12 56	21 42	21 27	0 26	7 0	6 43
M 9	22 29	22 0	0s32	21 57	1 50	19 26	1 36	24 6	0 38	5 57	1 20	10 25	1 50	7 13	0 45	12 49	1 46	21 52	12 56	21 42	21 26	0 24	7 1	6 43
T 10	22 22	21 45	1 41	21 31	1 48	19 7	1 36	24 6	0 38	5 59	1 20	10 23	1 50	7 12	0 45	12 49	1 46	21 51	12 56	21 42	21 26	0 21	7 1	6 43
W11	22 15	20 23	2 44	21 3	1 45	18 47	1 36	24 6	0 39	6 1	1 21	10 20	1 50	7 11	0 45	12 50	1 46	21 50	12 56	21 41	21 25	0 19	7 2	6 43
T 12	22 7	18 1	3 37	20 33	1 42	18 26	1 36	24 6	0 39	6 3	1 21	10 18	1 50	7 10	0 45	12 50	1 47	21 49	12 56	21 41	21 25	0 17	7 2	6 44
F 13	21 58	14 52	4 19	20 3	1 39	18 5	1 36	24 6	0 40	6 5	1 21	10 16	1 50	7 9	0 45	12 50	1 47	21 49	12 55	21 39	21 24	0 14	7 3	6 44
S 14	21 50	11 7	4 49	19 31	1 34	17 43	1 36	24 5	0 40	6 6	1 22	10 14	1 50	7 8	0 45	12 50	1 47	21 48	12 55	21 38	21 24	0 12	7 3	6 44
S 15	21 41	6 59	5 5	18 59	1 30	17 21	1 36	24 5	0 41	6 8	1 22	10 11	1 50	7 7	0 45	12 51	1 47	21 47	12 55	21 37	21 23	0 9	7 4	6 44
M16	21 31	2 37	5 7	18 26	1 25	16 59	1 36	24 4	0 41	6 10	1 22	10 9	1 50	7 6	0 45	12 51	1 47	21 46	12 55	21 36	21 23	0 7	7 5	6 44
T 17	21 22	1s48	4 57	17 52	1 19	16 36	1 36	24 2	0 42	6 11	1 22	10 7	1 49	7 5	0 45	12 51	1 47	21 46	12 55	21 35	21 22	0 4	7 5	6 44
W18	21 12	6 9	4 33	17 17	1 13	16 13	1 36	24 1	0 43	6 13	1 23	10 4	1 49	7 4	0 45	12 51	1 47	21 45	12 54	21 34	21 22	0 2	7 6	6 45
T 19	21 1	10 18	3 58	16 42	1 6	15 49	1 35	23 59	0 43	6 14	1 23	10 2	1 49	7 3	0 45	12 52	1 47	21 44	12 54	21 34	21 21	0s 1	7 7	6 45
F 20	20 50	14 5	3 12	16 6	0 59	15 25	1 35	23 58	0 44	6 15	1 23	10 0	1 49	7 2	0 45	12 52	1 47	21 43	12 54	21 34	21 20	0 3	7 7	6 45
S 21	20 39	17 21	2 16	15 30	0 52	15 0	1 34	23 56	0 44	6 16	1 23	9 57	1 49	7 0	0 45	12 52	1 47	21 42	12 54	21 34	21 20	0 5	7 8	6 45
S 22	20 28	19 54	1 13	14 54	0 44	14 35	1 34	23 54	0 45	6 18	1 24	9 55	1 49	6 59	0 45	12 52	1 47	21 42	12 54	21 34	21 19	0 8	7 9	6 45
M23	20 16	21 31	0 4	14 18	0 36	14 10	1 33	23 51	0 45	6 19	1 24	9 52	1 49	6 58	0 45	12 52	1 47	21 41	12 53	21 34	21 19	0 10	7 9	6 45
T 24	20 4	21 59	1n 7	13 41	0 28	13 44	1 32	23 49	0 46	6 20	1 24	9 50	1 49	6 57	0 44	12 52	1 47	21 40	12 53	21 34	21 18	0 13	7 10	6 46
W25	19 51	21 9	2 17	13 4	0 19	13 18	1 32	23 46	0 46	6 21	1 24	9 47	1 49	6 56	0 44	12 53	1 47	21 39	12 53	21 34	21 18	0 15	7 11	6 46
T 26	19 38	18 58	3 20	12 28	0 10	12 51	1 31	23 43	0 47	6 21	1 25	9 45	1 49	6 55	0 44	12 53	1 47	21 38	12 53	21 33	21 17	0 18	7 12	6 46
F 27	19 25	15 33	4 11	11 51	0 1	12 25	1 30	23 40	0 47	6 22	1 25	9 42	1 49	6 53	0 44	12 53	1 47	21 37	12 53	21 32	21 17	0 20	7 13	6 46
S 28	19 12	11 5	4 47	11 15	0s 8	11 57	1 29	23 36	0 48	6 23	1 25	9 40	1 49	6 52	0 44	12 53	1 47	21 37	12 53	21 30	21 16	0 22	7 13	6 46
S 29	18 58	5 56	5 4	10 39	0 18	11 30	1 27	23 33	0 48	6 24	1 26	9 37	1 49	6 51	0 44	12 53	1 48	21 36	12 53	21 29	21 15	0 25	7 14	6 46
M30	18 44	0 27	4 59	10 3	0 28	11 2	1 26	23 29	0 49	6 24	1 26	9 35	1 49	6 50	0 44	12 53	1 48	21 35	12 53	21 27	21 15	0 27	7 15	6 46
T 31	18n29	5n 1	4n35	9n27	0s38	10n35	1n25	23n25	0n49	6n25	1s26	9n32	1n49	6n49	0n44	12n53	1s48	21n34	12n52	21s26	21s14	0s30	7s16	6n46

Julian Day Number = 2347266.5, Delta T = 10.85 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'17, Lahiri = 19°52'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

AUGUST 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 36 47	8♌12'37	16♈30	5♍10	7♍23	15♋52	19♈48	10♍ 3	14♍31	9♉13	5♍10	6°R30	5♐22	19♍47	23°R34	W 1
T 2	20 40 43	9°10'04	0♉39	6°18	8°36	16°31	19°49	10°10	14°34	9°14	5°12	6♐28	5°19	19°54	23♒31	T 2
F 3	20 44 40	10° 7'33	14°27	7°22	9°48	17°10	19°51	10°16	14°37	9°14	5°14	6°D28	5°15	20° 1	23°28	F 3
S 4	20 48 36	11° 5'03	27°56	8°24	11° 0	17°49	19°52	10°23	14°40	9°14	5°16	6°28	5°12	20° 8	23°25	S 4
S 5	20 52 33	12° 2'34	11♊ 6	9°24	12°13	18°29	19°53	10°30	14°44	9°15	5°18	6°R29	5° 9	20°14	23°22	S 5
M 6	20 56 29	13° 0'07	24° 0	10°21	13°25	19° 8	19°54	10°37	14°47	9°15	5°20	6°27	5° 6	20°21	23°19	M 6
T 7	21 0 26	13°57'41	6♋42	11°14	14°37	19°47	19°55	10°44	14°50	9°15	5°22	6°24	5° 3	20°28	23°16	T 7
W 8	21 4 23	14°55'17	19°12	12° 5	15°50	20°26	19°55	10°51	14°54	9°15	5°24	6°17	5° 0	20°35	23°13	W 8
T 9	21 8 19	15°52'53	1♌33	12°52	17° 2	21° 5	19°55	10°58	14°57	9°15	5°26	6° 8	4°56	20°41	23°10	T 9
F 10	21 12 16	16°50'31	13°46	13°36	18°14	21°44	19°R55	11° 5	15° 1	9°16	5°27	5°57	4°53	20°48	23° 7	F 10
S 11	21 16 12	17°48'11	25°51	14°17	19°26	22°22	19°55	11°12	15° 4	9°16	5°29	5°44	4°50	20°55	23° 4	S 11
S 12	21 20 9	18°45'51	7♍49	14°53	20°38	23° 1	19°55	11°19	15° 7	9°16	5°31	5°31	4°47	21° 1	23° 1	S 12
M13	21 24 5	19°43'33	19°43	15°26	21°51	23°40	19°54	11°27	15°11	9°R16	5°33	5°19	4°44	21° 8	22°58	M13
T 14	21 28 2	20°41'15	1♎34	15°54	23° 3	24°19	19°54	11°34	15°14	9°16	5°35	5° 8	4°41	21°15	22°55	T 14
W15	21 31 58	21°38'59	13°24	16°18	24°15	24°58	19°53	11°41	15°18	9°16	5°38	5° 0	4°37	21°22	22°52	W15
T 16	21 35 55	22°36'44	25°17	16°37	25°27	25°36	19°51	11°48	15°22	9°16	5°40	4°55	4°34	21°28	22°49	T 16
F 17	21 39 52	23°34'31	7♏17	16°52	26°39	26°15	19°50	11°56	15°25	9°15	5°42	4°52	4°31	21°35	22°46	F 17
S 18	21 43 48	24°32'18	19°29	17° 1	27°51	26°54	19°49	12° 3	15°29	9°15	5°44	4°51	4°28	21°42	22°42	S 18
S 19	21 47 45	25°30'07	1♐58	17°R 4	29° 3	27°32	19°47	12°10	15°32	9°15	5°46	4°51	4°25	21°48	22°39	S 19
M20	21 51 41	26°27'57	14°49	17° 3	0♎14	28°11	19°45	12°18	15°36	9°15	5°48	4°51	4°21	21°55	22°36	M20
T 21	21 55 38	27°25'48	28° 6	16°55	1°26	28°49	19°43	12°25	15°40	9°15	5°50	4°49	4°18	22° 2	22°33	T 21
W22	21 59 34	28°23'41	11♑52	16°41	2°38	29°27	19°40	12°32	15°43	9°14	5°52	4°46	4°15	22° 9	22°30	W22
T 23	22 3 31	29°21'34	26° 8	16°22	3°50	0♌ 6	19°38	12°40	15°47	9°14	5°54	4°39	4°12	22°15	22°27	T 23
F 24	22 7 27	0♍19'29	10♒51	15°56	5° 1	0°44	19°35	12°47	15°50	9°14	5°56	4°31	4° 9	22°22	22°24	F 24
S 25	22 11 24	1°17'26	25°54	15°25	6°13	1°23	19°32	12°55	15°54	9°13	5°58	4°20	4° 6	22°29	22°21	S 25
S 26	22 15 21	2°15'24	11♓ 9	14°47	7°25	2° 1	19°29	13° 2	15°58	9°13	6° 0	4° 9	4° 2	22°35	22°18	S 26
M27	22 19 17	3°13'23	26°24	14° 5	8°36	2°39	19°26	13° 9	16° 2	9°12	6° 2	3°59	3°59	22°42	22°15	M27
T 28	22 23 14	4°11'25	11♈28	13°18	9°48	3°17	19°22	13°17	16° 5	9°12	6° 4	3°51	3°56	22°49	22°12	T 28
W29	22 27 10	5° 9'28	26°13	12°26	10°59	3°55	19°19	13°24	16° 9	9°11	6° 6	3°45	3°53	22°56	22° 9	W29
T 30	22 31 7	6° 7'33	10♉34	11°32	12°11	4°34	19°15	13°32	16°13	9°11	6° 8	3°42	3°50	23° 2	22° 6	T 30
F 31	22 35 3	7♍ 5'41	24♉28	10♍35	13♎22	5♌12	19♈11	13♍39	16♍16	9♉10	6♍10	3♐40	3♐47	23♍ 9	22♒ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n14	10n 5	3n54	8n52	0s49	10n 6	1n24	23n21	0n50	6n25	1s26	9n29	1n49	6n47	0n44	12n53	1s48	21n33	12n52	21s26	21s14	0s32	7s17	6n46
T 2	17 59	14 30	2 59	8 18	1 0	9 38	1 22	23 17	0 50	6 26	1 27	9 27	1 49	6 46	0 44	12 53	1 48	21 33	12 52	21 25	21 13	0 35	7 18	6 46
F 3	17 44	18 1	1 55	7 44	1 10	9 9	1 21	23 13	0 51	6 26	1 27	9 24	1 49	6 45	0 44	12 53	1 48	21 32	12 52	21 25	21 13	0 37	7 19	6 47
S 4	17 28	20 28	0 45	7 10	1 21	8 40	1 19	23 8	0 51	6 26	1 27	9 21	1 49	6 43	0 44	12 53	1 48	21 31	12 52	21 25	21 12	0 39	7 19	6 47
S 5	17 12	21 44	0s25	6 38	1 32	8 11	1 17	23 3	0 52	6 26	1 27	9 19	1 48	6 42	0 44	12 53	1 48	21 30	12 52	21 25	21 11	0 42	7 20	6 47
M 6	16 56	21 49	1 32	6 6	1 43	7 42	1 16	22 58	0 52	6 26	1 28	9 16	1 48	6 41	0 44	12 53	1 48	21 29	12 52	21 25	21 11	0 44	7 21	6 47
T 7	16 40	20 45	2 33	5 36	1 54	7 12	1 14	22 53	0 53	6 26	1 28	9 13	1 48	6 39	0 44	12 53	1 48	21 28	12 52	21 25	21 10	0 47	7 22	6 47
W 8	16 23	18 42	3 26	5 6	2 6	6 42	1 12	22 48	0 53	6 26	1 28	9 11	1 48	6 38	0 44	12 53	1 48	21 28	12 52	21 23	21 10	0 49	7 23	6 47
T 9	16 6	15 48	4 9	4 38	2 17	6 12	1 10	22 42	0 54	6 26	1 29	9 8	1 48	6 37	0 44	12 53	1 48	21 27	12 52	21 22	21 9	0 51	7 24	6 47
F 10	15 49	12 16	4 39	4 11	2 28	5 42	1 8	22 37	0 54	6 26	1 29	9 5	1 48	6 35	0 44	12 53	1 48	21 26	12 52	21 20	21 9	0 54	7 25	6 47
S 11	15 31	8 16	4 56	3 45	2 39	5 12	1 6	22 31	0 55	6 26	1 29	9 3	1 48	6 34	0 44	12 53	1 48	21 25	12 51	21 18	21 8	0 56	7 26	6 47
S 12	15 13	4 0	5 1	3 21	2 50	4 42	1 4	22 25	0 55	6 25	1 29	9 0	1 48	6 33	0 44	12 53	1 48	21 24	12 51	21 15	21 7	0 59	7 27	6 47
M13	14 55	0s24	4 52	2 58	3 1	4 11	1 2	22 19	0 56	6 25	1 30	8 57	1 48	6 31	0 44	12 53	1 48	21 24	12 51	21 13	21 7	1 1	7 28	6 47
T 14	14 37	4 45	4 30	2 37	3 12	3 40	0 59	22 13	0 56	6 24	1 30	8 54	1 48	6 30	0 44	12 53	1 49	21 23	12 51	21 11	21 6	1 4	7 29	6 47
W15	14 19	8 56	3 57	2 19	3 22	3 10	0 57	22 6	0 57	6 24	1 30	8 52	1 48	6 29	0 44	12 53	1 49	21 22	12 51	21 10	21 6	1 6	7 30	6 47
T 16	14 0	12 47	3 13	2 2	3 32	2 39	0 55	21 59	0 57	6 23	1 30	8 49	1 48	6 27	0 44	12 53	1 49	21 21	12 51	21 9	21 5	1 8	7 31	6 47
F 17	13 41	16 11	2 20	1 48	3 42	2 8	0 52	21 53	0 58	6 22	1 31	8 46	1 48	6 26	0 44	12 53	1 49	21 20	12 51	21 8	21 5	1 11	7 32	6 46
S 18	13 22	18 55	1 20	1 36	3 51	1 37	0 50	21 46	0 58	6 21	1 31	8 43	1 48	6 24	0 44	12 53	1 49	21 20	12 51	21 8	21 4	1 13	7 33	6 46
S 19	13 2	20 50	0 15	1 27	3 59	1 6	0 47	21 39	0 59	6 20	1 31	8 40	1 48	6 23	0 44	12 53	1 49	21 19	12 51	21 8	21 3	1 16	7 34	6 46
M20	12 43	21 44	0n52	1 20	4 7	0 35	0 44	21 31	0 59	6 19	1 31	8 38	1 48	6 22	0 44	12 53	1 49	21 18	12 51	21 8	21 3	1 18	7 35	6 46
T 21	12 23	21 28	2 0	1 17	4 14	0 4	0 42	21 24	1 0	6 18	1 32	8 35	1 48	6 20	0 44	12 52	1 49	21 17	12 51	21 8	21 2	1 20	7 36	6 46
W22	12 3	19 55	3 2	1 17	4 20	0s27	0 39	21 17	1 0	6 17	1 32	8 32	1 48	6 19	0 44	12 52	1 49	21 17	12 51	21 7	21 2	1 23	7 38	6 46
T 23	11 43	17 6	3 56	1 20	4 24	0 58	0 36	21 9	1 1	6 16	1 32	8 29	1 48	6 17	0 44	12 52	1 49	21 16	12 51	21 6	21 1	1 25	7 39	6 46
F 24	11 22	13 7	4 35	1 26	4 28	1 29	0 33	21 1	1 1	6 15	1 32	8 26	1 48	6 16	0 44	12 52	1 49	21 15	12 51	21 4	21 0	1 27	7 40	6 46
S 25	11 2	8 14	4 57	1 36	4 30	2 1	0 30	20 53	1 2	6 14	1 33	8 23	1 48	6 15	0 44	12 52	1 49	21 14	12 51	21 3	21 0	1 30	7 41	6 46
S 26	10 41	2 48	4 58	1 50	4 31	2 32	0 27	20 45	1 2	6 12	1 33	8 21	1 48	6 13	0 44	12 52	1 49	21 14	12 51	21 1	20 59	1 32	7 42	6 46
M27	10 20	2n49	4 38	2 7	4 30	3 3	0 24	20 37	1 2	6 11	1 33	8 18	1 48	6 12	0 44	12 51	1 49	21 13	12 51	20 59	20 59	1 35	7 43	6 46
T 28	9 59	8 12	3 59	2 28	4 27	3 34	0 21	20 28	1 3	6 9	1 33	8 15	1 48	6 10	0 44	12 51	1 49	21 12	12 51	20 57	20 58	1 37	7 44	6 45
W29	9 38	12 59	3 4	2 51	4 23	4 5	0 18	20 20	1 3	6 8	1 34	8 12	1 48	6 9	0 44	12 51	1 49	21 11	12 52	20 56	20 57	1 39	7 45	6 45
T 30	9 17	16 54	1 59	3 18	4 16	4 36	0 15	20 11	1 4	6 6	1 34	8 9	1 48	6 7	0 44	12 51	1 49	21 11	12 52	20 55	20 57	1 42	7 46	6 45
F 31	8n55	19n42	0n49	3n48	4s 8	5s 6	0n11	20n 2	1n 4	6n 4	1s34	8n 6	1n49	6n 6	0n44	12n51	1s50	21n10	12n52	20s55	20s56	1s44	7s47	6n45

Julian Day Number = 2347297.5, Delta T = 10.84 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'21, Lahiri = 19°52'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

SEPTEMBER 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 0	8♍ 3'50	7♊56	9°R36	14♎33	5♌50	19°R 7	13♍47	16♍20	9°R10	6♍13	3°R40	3♐43	23♍16	22°R 0	S 1
S 2	22 42 56	9° 2'02	21° 2	8♍38	15°45	6°28	19♈ 2	13°54	16°24	9♉ 9	6°15	3♐40	3°40	23°22	21♒57	S 2
M 3	22 46 53	10° 0'15	3♋48	7°41	16°56	7° 6	18°58	14° 2	16°28	9° 8	6°17	3°38	3°37	23°29	21°54	M 3
T 4	22 50 49	10°58'31	16°19	6°47	18° 7	7°44	18°53	14° 9	16°31	9° 8	6°19	3°34	3°34	23°36	21°51	T 4
W 5	22 54 46	11°56'48	28°37	5°56	19°18	8°22	18°48	14°17	16°35	9° 7	6°21	3°27	3°31	23°43	21°49	W 5
T 6	22 58 43	12°55'08	10♌47	5°11	20°29	9° 0	18°43	14°24	16°39	9° 6	6°23	3°18	3°27	23°49	21°46	T 6
F 7	23 2 39	13°53'29	22°49	4°31	21°40	9°37	18°38	14°32	16°43	9° 6	6°25	3° 6	3°24	23°56	21°43	F 7
S 8	23 6 36	14°51'52	4♍46	3°59	22°51	10°15	18°32	14°39	16°47	9° 5	6°27	2°52	3°21	24° 3	21°40	S 8
S 9	23 10 32	15°50'17	16°40	3°35	24° 2	10°53	18°27	14°47	16°50	9° 4	6°29	2°38	3°18	24° 9	21°37	S 9
M10	23 14 29	16°48'44	28°31	3°20	25°13	11°31	18°21	14°55	16°54	9° 3	6°31	2°25	3°15	24°16	21°35	M10
T 11	23 18 25	17°47'13	10♎22	3°D13	26°24	12° 8	18°15	15° 2	16°58	9° 2	6°33	2°14	3°12	24°23	21°32	T 11
W12	23 22 22	18°45'44	22°14	3°16	27°35	12°46	18° 9	15°10	17° 2	9° 1	6°35	2° 5	3° 8	24°30	21°29	W12
T 13	23 26 18	19°44'16	4♏ 9	3°29	28°46	13°24	18° 3	15°17	17° 5	9° 0	6°37	1°59	3° 5	24°36	21°27	T 13
F 14	23 30 15	20°42'50	16°11	3°51	29°56	14° 1	17°57	15°25	17° 9	8°59	6°39	1°56	3° 2	24°43	21°24	F 14
S 15	23 34 12	21°41'26	28°23	4°22	1♏ 7	14°39	17°50	15°32	17°13	8°58	6°41	1°D54	2°59	24°50	21°22	S 15
S 16	23 38 8	22°40'04	10♐50	5° 2	2°18	15°16	17°44	15°40	17°17	8°57	6°43	1°55	2°56	24°56	21°19	S 16
M17	23 42 5	23°38'44	23°37	5°50	3°28	15°53	17°37	15°47	17°21	8°56	6°45	1°R55	2°52	25° 3	21°17	M17
T 18	23 46 1	24°37'25	6♑48	6°47	4°39	16°31	17°30	15°55	17°24	8°55	6°47	1°54	2°49	25°10	21°14	T 18
W19	23 49 58	25°36'07	20°27	7°50	5°49	17° 8	17°23	16° 2	17°28	8°54	6°49	1°52	2°46	25°17	21°12	W19
T 20	23 53 54	26°34'52	4♒35	9° 1	6°59	17°46	17°16	16°10	17°32	8°53	6°51	1°47	2°43	25°23	21°10	T 20
F 21	23 57 51	27°33'38	19°11	10°17	8° 9	18°23	17° 9	16°17	17°36	8°52	6°53	1°40	2°40	25°30	21° 7	F 21
S 22	0 1 47	28°32'26	4♓11	11°39	9°20	19° 0	17° 2	16°24	17°39	8°51	6°55	1°31	2°37	25°37	21° 5	S 22
S 23	0 5 44	29°31'16	19°26	13° 6	10°30	19°37	16°55	16°32	17°43	8°49	6°57	1°22	2°33	25°43	21° 3	S 23
M24	0 9 41	0♎30'07	4♈46	14°37	11°40	20°14	16°47	16°39	17°47	8°48	6°59	1°13	2°30	25°50	21° 1	M24
T 25	0 13 37	1°29'01	20° 0	16°11	12°50	20°51	16°40	16°47	17°50	8°47	7° 1	1° 6	2°27	25°57	20°59	T 25
W26	0 17 34	2°27'57	4♉56	17°49	13°59	21°29	16°32	16°54	17°54	8°46	7° 3	1° 1	2°24	26° 4	20°57	W26
T 27	0 21 30	3°26'55	19°29	19°28	15° 9	22° 6	16°25	17° 1	17°58	8°44	7° 5	0°58	2°21	26°10	20°55	T 27
F 28	0 25 27	4°25'56	3♊34	21°10	16°19	22°43	16°17	17° 9	18° 1	8°43	7° 7	0°D58	2°18	26°17	20°53	F 28
S 29	0 29 23	5°24'59	17°10	22°53	17°29	23°19	16° 9	17°16	18° 5	8°42	7° 9	0°58	2°14	26°24	20°51	S 29
S 30	0 33 20	6♎24'04	0♋20	24♍38	18♏38	23♌56	16♈ 1	17♍23	18♍ 9	8♉40	7♍11	0°R59	2♐11	26♍30	20♒49	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n33	21n18	0s23	4n19	3s57	5s37	0n 8	19n53	1n 5	6n 2	1s34	8n 3	1n49	6n 4	0n44	12n50	1s50	21n 9	12n52	20s55	20s56	1s47	7s48	6n45
S 2	8 12	21 40	1 30	4 52	3 45	6 8	0 5	19 44	1 5	6 1	1 34	8 1	1 49	6 3	0 44	12 50	1 50	21 8	12 52	20 55	20 55	1 49	7 49	6 45
M 3	7 50	20 53	2 32	5 26	3 31	6 38	0 2	19 35	1 6	5 59	1 35	7 58	1 49	6 1	0 44	12 50	1 50	21 8	12 52	20 55	20 54	1 51	7 51	6 44
T 4	7 28	19 5	3 25	6 1	3 15	7 9	0s 2	19 26	1 6	5 57	1 35	7 55	1 49	6 0	0 44	12 50	1 50	21 7	12 52	20 54	20 54	1 54	7 52	6 44
W 5	7 5	16 26	4 7	6 35	2 59	7 39	0 5	19 16	1 7	5 55	1 35	7 52	1 49	5 58	0 44	12 49	1 50	21 6	12 52	20 53	20 53	1 56	7 53	6 44
T 6	6 43	13 6	4 38	7 8	2 41	8 9	0 9	19 7	1 7	5 53	1 35	7 49	1 49	5 57	0 44	12 49	1 50	21 6	12 52	20 51	20 53	1 58	7 54	6 44
F 7	6 21	9 16	4 55	7 40	2 22	8 39	0 12	18 57	1 8	5 50	1 36	7 46	1 49	5 56	0 44	12 49	1 50	21 5	12 52	20 48	20 52	2 1	7 55	6 44
S 8	5 58	5 7	5 0	8 9	2 3	9 9	0 16	18 47	1 8	5 48	1 36	7 43	1 49	5 54	0 44	12 48	1 50	21 4	12 52	20 46	20 51	2 3	7 56	6 43
S 9	5 36	0 48	4 51	8 36	1 43	9 38	0 19	18 38	1 8	5 46	1 36	7 40	1 49	5 53	0 44	12 48	1 50	21 4	12 53	20 43	20 51	2 6	7 57	6 43
M10	5 13	3s33	4 30	9 0	1 24	10 8	0 23	18 28	1 9	5 44	1 36	7 38	1 49	5 51	0 44	12 48	1 50	21 3	12 53	20 41	20 50	2 8	7 58	6 43
T 11	4 50	7 45	3 57	9 20	1 4	10 37	0 27	18 17	1 9	5 41	1 36	7 35	1 49	5 50	0 44	12 47	1 50	21 2	12 53	20 38	20 50	2 10	7 59	6 43
W12	4 27	11 40	3 14	9 37	0 45	11 6	0 30	18 7	1 10	5 39	1 36	7 32	1 49	5 48	0 44	12 47	1 50	21 2	12 53	20 37	20 49	2 13	8 0	6 42
T 13	4 4	15 9	2 22	9 49	0 27	11 35	0 34	17 57	1 10	5 36	1 37	7 29	1 49	5 47	0 44	12 47	1 50	21 1	12 53	20 35	20 48	2 15	8 1	6 42
F 14	3 41	18 1	1 23	9 57	0 10	12 3	0 38	17 46	1 11	5 34	1 37	7 26	1 49	5 45	0 44	12 46	1 50	21 0	12 53	20 35	20 48	2 17	8 2	6 42
S 15	3 18	20 8	0 19	10 1	0n 6	12 32	0 41	17 36	1 11	5 31	1 37	7 23	1 49	5 44	0 44	12 46	1 50	21 0	12 53	20 34	20 47	2 20	8 3	6 41
S 16	2 55	21 19	0n47	10 1	0 22	13 0	0 45	17 25	1 12	5 28	1 37	7 20	1 49	5 42	0 44	12 46	1 50	20 59	12 54	20 35	20 47	2 22	8 4	6 41
M17	2 32	21 27	1 53	9 57	0 36	13 27	0 49	17 15	1 12	5 26	1 37	7 18	1 49	5 41	0 44	12 45	1 50	20 58	12 54	20 35	20 46	2 24	8 5	6 41
T 18	2 8	20 24	2 55	9 48	0 49	13 55	0 53	17 4	1 13	5 23	1 37	7 15	1 49	5 39	0 44	12 45	1 50	20 58	12 54	20 34	20 45	2 27	8 7	6 41
W19	1 45	18 9	3 48	9 35	1 1	14 22	0 56	16 53	1 13	5 20	1 37	7 12	1 50	5 38	0 44	12 44	1 50	20 57	12 54	20 34	20 45	2 29	8 8	6 40
T 20	1 22	14 46	4 30	9 18	1 11	14 49	1 0	16 42	1 13	5 18	1 37	7 9	1 50	5 36	0 44	12 44	1 51	20 57	12 54	20 33	20 44	2 31	8 9	6 40
F 21	0 58	10 24	4 57	8 58	1 21	15 15	1 4	16 31	1 14	5 15	1 38	7 6	1 50	5 35	0 44	12 44	1 51	20 56	12 54	20 32	20 43	2 34	8 10	6 40
S 22	0 35	5 17	5 3	8 34	1 29	15 41	1 8	16 20	1 14	5 12	1 38	7 3	1 50	5 33	0 44	12 43	1 51	20 56	12 55	20 30	20 43	2 36	8 11	6 39
S 23	0 11	0n15	4 49	8 7	1 36	16 7	1 11	16 8	1 15	5 9	1 38	7 1	1 50	5 32	0 44	12 43	1 51	20 55	12 55	20 28	20 42	2 38	8 12	6 39
M24	0s12	5 47	4 14	7 37	1 41	16 33	1 15	15 57	1 15	5 6	1 38	6 58	1 50	5 31	0 44	12 42	1 51	20 54	12 55	20 26	20 42	2 41	8 13	6 39
T 25	0 35	10 55	3 21	7 5	1 46	16 58	1 19	15 45	1 16	5 3	1 38	6 55	1 50	5 29	0 44	12 42	1 51	20 54	12 55	20 25	20 41	2 43	8 14	6 38
W26	0 59	15 18	2 15	6 30	1 49	17 22	1 23	15 34	1 16	5 0	1 38	6 52	1 50	5 28	0 44	12 42	1 51	20 53	12 56	20 24	20 40	2 45	8 15	6 38
T 27	1 22	18 36	1 1	5 53	1 52	17 47	1 26	15 22	1 16	4 57	1 38	6 50	1 50	5 26	0 44	12 41	1 51	20 53	12 56	20 23	20 40	2 48	8 15	6 38
F 28	1 46	20 40	0s14	5 15	1 53	18 11	1 30	15 11	1 17	4 54	1 38	6 47	1 50	5 25	0 44	12 41	1 51	20 52	12 56	20 23	20 39	2 50	8 16	6 37
S 29	2 9	21 26	1 26	4 34	1 54	18 34	1 34	14 59	1 17	4 51	1 38	6 44	1 51	5 23	0 44	12 40	1 51	20 52	12 56	20 23	20 38	2 52	8 17	6 37
S 30	2s33	20n58	2s31	3n53	1n54	18s57	1s37	14n47	1n18	4n48	1s38	6n41	1n51	5n22	0n44	12n40	1s51	20n51	12n57	20s23	20s38	2s55	8s18	6n37

Julian Day Number = 2347328.5, Delta T = 10.83 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'25, Lahiri = 19°52'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

OCTOBER 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 37 16	7♎23'11	13♋ 7	26♍23	19♏48	24♌33	15°R53	17♍30	18♍12	8°R39	7♍12	0°R59	2♐ 8	26♍37	20°R47	M 1
T 2	0 41 13	8°22'21	25°35	28° 9	20°57	25°10	15♈45	17°38	18°16	8♉38	7°14	0♐58	2° 5	26°44	20♒45	T 2
W 3	0 45 10	9°21'33	7♌49	29°56	22° 6	25°47	15°37	17°45	18°20	8°36	7°16	0°54	2° 2	26°51	20°43	W 3
T 4	0 49 6	10°20'48	19°52	1♎42	23°15	26°24	15°29	17°52	18°23	8°35	7°18	0°48	1°58	26°57	20°42	T 4
F 5	0 53 3	11°20'04	1♍49	3°29	24°24	27° 0	15°21	17°59	18°27	8°33	7°20	0°40	1°55	27° 4	20°40	F 5
S 6	0 56 59	12°19'23	13°42	5°15	25°33	27°37	15°13	18° 6	18°30	8°32	7°22	0°31	1°52	27°11	20°39	S 6
S 7	1 0 56	13°18'44	25°33	7° 1	26°42	28°14	15° 5	18°13	18°34	8°30	7°23	0°21	1°49	27°17	20°37	S 7
M 8	1 4 52	14°18'07	7♎24	8°47	27°51	28°50	14°57	18°20	18°37	8°29	7°25	0°12	1°46	27°24	20°36	M 8
T 9	1 8 49	15°17'32	19°18	10°32	29° 0	29°27	14°49	18°27	18°41	8°27	7°27	0° 5	1°43	27°31	20°34	T 9
W10	1 12 45	16°17'00	1♏16	12°16	0♐ 8	0♍ 3	14°41	18°34	18°44	8°26	7°29	29♏59	1°39	27°37	20°33	W10
T 11	1 16 42	17°16'29	13°18	14° 0	1°17	0°40	14°33	18°41	18°48	8°24	7°30	29°55	1°36	27°44	20°32	T 11
F 12	1 20 38	18°16'00	25°29	15°44	2°25	1°16	14°25	18°48	18°51	8°23	7°32	29°D54	1°33	27°51	20°30	F 12
S 13	1 24 35	19°15'33	7♐49	17°27	3°34	1°52	14°16	18°55	18°55	8°21	7°34	29°54	1°30	27°58	20°29	S 13
S 14	1 28 32	20°15'08	20°22	19° 9	4°42	2°29	14° 8	19° 2	18°58	8°20	7°35	29°55	1°27	28° 4	20°28	S 14
M15	1 32 28	21°14'45	3♑11	20°51	5°50	3° 5	14° 0	19° 9	19° 1	8°18	7°37	29°57	1°23	28°11	20°27	M15
T 16	1 36 25	22°14'24	16°21	22°32	6°58	3°41	13°52	19°16	19° 5	8°16	7°38	29°R58	1°20	28°18	20°26	T 16
W17	1 40 21	23°14'04	29°53	24°12	8° 6	4°17	13°45	19°22	19° 8	8°15	7°40	29°58	1°17	28°24	20°25	W17
T 18	1 44 18	24°13'46	13♒49	25°52	9°13	4°53	13°37	19°29	19°11	8°13	7°42	29°56	1°14	28°31	20°24	T 18
F 19	1 48 14	25°13'29	28°10	27°32	10°21	5°29	13°29	19°36	19°15	8°11	7°43	29°53	1°11	28°38	20°24	F 19
S 20	1 52 11	26°13'15	12♓52	29°10	11°28	6° 5	13°21	19°42	19°18	8°10	7°45	29°49	1° 8	28°45	20°23	S 20
S 21	1 56 7	27°13'02	27°51	0♏48	12°35	6°41	13°14	19°49	19°21	8° 8	7°46	29°44	1° 4	28°51	20°22	S 21
M22	2 0 4	28°12'50	12♈58	2°26	13°42	7°17	13° 6	19°55	19°24	8° 7	7°48	29°39	1° 1	28°58	20°22	M22
T 23	2 4 1	29°12'41	28° 4	4° 3	14°49	7°53	12°59	20° 1	19°27	8° 5	7°49	29°35	0°58	29° 5	20°21	T 23
W24	2 7 57	0♏12'34	12♉59	5°39	15°56	8°28	12°51	20° 8	19°30	8° 3	7°50	29°33	0°55	29°11	20°21	W24
T 25	2 11 54	1°12'29	27°35	7°15	17° 2	9° 4	12°44	20°14	19°33	8° 2	7°52	29°D32	0°52	29°18	20°20	T 25
F 26	2 15 50	2°12'25	11♊47	8°50	18° 9	9°40	12°37	20°20	19°36	8° 0	7°53	29°33	0°49	29°25	20°20	F 26
S 27	2 19 47	3°12'25	25°32	10°25	19°15	10°15	12°30	20°27	19°39	7°58	7°55	29°34	0°45	29°31	20°20	S 27
S 28	2 23 43	4°12'26	8♋49	12° 0	20°21	10°51	12°23	20°33	19°42	7°56	7°56	29°36	0°42	29°38	20°19	S 28
M29	2 27 40	5°12'29	21°43	13°34	21°26	11°27	12°16	20°39	19°45	7°55	7°57	29°37	0°39	29°45	20°19	M29
T 30	2 31 36	6°12'34	4♌15	15° 7	22°32	12° 2	12° 9	20°45	19°48	7°53	7°58	29°R38	0°36	29°52	20°19	T 30
W31	2 35 33	7♏12'42	16♌30	16♏40	23♐37	12♍37	12♈ 2	20♍51	19♍51	7♉51	8♍ 0	29♏37	0♐33	29♍58	20°D19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s56	19n24	3s26	3n10	1n53	19s20	1s41	14n35	1n18	4n45	1s38	6n38	1n51	5n21	0n44	12n39	1s51	20n51	12n57	20s23	20s37	2s57	8s19	6n36
T 2	3 20	16 57	4 11	2 27	1 52	19 42	1 45	14 23	1 19	4 42	1 38	6 36	1 51	5 19	0 44	12 39	1 51	20 50	12 57	20 23	20 37	2 59	8 20	6 36
W 3	3 43	13 47	4 42	1 42	1 50	20 4	1 48	14 11	1 19	4 39	1 38	6 33	1 51	5 18	0 44	12 38	1 51	20 50	12 57	20 22	20 36	3 2	8 21	6 36
T 4	4 6	10 6	5 1	0 58	1 47	20 25	1 52	13 59	1 19	4 36	1 38	6 30	1 51	5 16	0 44	12 38	1 51	20 50	12 58	20 21	20 35	3 4	8 22	6 35
F 5	4 29	6 4	5 7	0 12	1 44	20 46	1 55	13 47	1 20	4 33	1 38	6 28	1 51	5 15	0 44	12 37	1 51	20 49	12 58	20 19	20 35	3 6	8 23	6 35
S 6	4 53	1 49	4 59	0s33	1 40	21 6	1 59	13 35	1 20	4 29	1 38	6 25	1 51	5 14	0 44	12 37	1 51	20 49	12 58	20 17	20 34	3 9	8 24	6 34
S 7	5 16	2s29	4 38	1 19	1 36	21 26	2 2	13 22	1 21	4 26	1 38	6 22	1 51	5 12	0 44	12 36	1 51	20 48	12 58	20 15	20 33	3 11	8 24	6 34
M 8	5 39	6 42	4 5	2 5	1 32	21 45	2 6	13 10	1 21	4 23	1 38	6 20	1 52	5 11	0 44	12 36	1 51	20 48	12 59	20 13	20 33	3 13	8 25	6 34
T 9	6 2	10 40	3 22	2 50	1 27	22 4	2 9	12 57	1 22	4 20	1 38	6 17	1 52	5 10	0 44	12 35	1 51	20 47	12 59	20 12	20 32	3 16	8 26	6 33
W10	6 25	14 15	2 29	3 36	1 22	22 22	2 13	12 45	1 22	4 17	1 38	6 14	1 52	5 8	0 44	12 35	1 51	20 47	12 59	20 11	20 31	3 18	8 27	6 33
T 11	6 48	17 16	1 29	4 21	1 17	22 40	2 16	12 32	1 22	4 14	1 38	6 12	1 52	5 7	0 44	12 34	1 51	20 47	13 0	20 10	20 31	3 20	8 28	6 32
F 12	7 10	19 33	0 24	5 6	1 11	22 57	2 19	12 20	1 23	4 11	1 38	6 9	1 52	5 6	0 44	12 34	1 51	20 46	13 0	20 9	20 30	3 23	8 28	6 32
S 13	7 33	20 56	0n43	5 51	1 5	23 13	2 22	12 7	1 23	4 8	1 38	6 7	1 52	5 4	0 44	12 33	1 51	20 46	13 0	20 10	20 29	3 25	8 29	6 32
S 14	7 56	21 19	1 49	6 36	0 59	23 29	2 25	11 55	1 24	4 5	1 38	6 4	1 52	5 3	0 44	12 33	1 51	20 46	13 1	20 10	20 29	3 27	8 30	6 31
M15	8 18	20 35	2 51	7 20	0 53	23 45	2 28	11 42	1 24	4 2	1 38	6 2	1 53	5 2	0 44	12 32	1 51	20 45	13 1	20 10	20 28	3 29	8 31	6 31
T 16	8 40	18 44	3 46	8 3	0 47	24 0	2 31	11 29	1 25	3 59	1 38	5 59	1 53	5 0	0 44	12 32	1 51	20 45	13 1	20 10	20 28	3 32	8 31	6 30
W17	9 2	15 48	4 30	8 46	0 40	24 14	2 34	11 16	1 25	3 56	1 38	5 57	1 53	4 59	0 44	12 31	1 51	20 45	13 2	20 10	20 27	3 34	8 32	6 30
T 18	9 25	11 55	5 0	9 29	0 34	24 27	2 37	11 4	1 25	3 53	1 38	5 54	1 53	4 58	0 44	12 31	1 51	20 45	13 2	20 10	20 26	3 36	8 33	6 29
F 19	9 46	7 15	5 12	10 11	0 27	24 40	2 40	10 51	1 26	3 50	1 38	5 52	1 53	4 57	0 44	12 30	1 51	20 44	13 2	20 9	20 26	3 39	8 33	6 29
S 20	10 8	2 3	5 4	10 52	0 21	24 53	2 43	10 38	1 26	3 47	1 37	5 49	1 53	4 55	0 44	12 30	1 51	20 44	13 3	20 8	20 25	3 41	8 34	6 29
S 21	10 30	3n21	4 35	11 33	0 14	25 4	2 45	10 25	1 27	3 44	1 37	5 47	1 53	4 54	0 44	12 29	1 51	20 44	13 3	20 7	20 24	3 43	8 35	6 28
M22	10 51	8 37	3 48	12 13	0 7	25 15	2 48	10 12	1 27	3 41	1 37	5 44	1 54	4 53	0 44	12 28	1 51	20 44	13 3	20 6	20 24	3 46	8 35	6 28
T 23	11 13	13 21	2 44	12 53	0 1	25 26	2 51	9 59	1 28	3 38	1 37	5 42	1 54	4 52	0 44	12 28	1 51	20 43	13 4	20 6	20 23	3 48	8 36	6 27
W24	11 34	17 11	1 30	13 31	0s 6	25 36	2 53	9 46	1 28	3 36	1 37	5 40	1 54	4 50	0 44	12 27	1 51	20 43	13 4	20 5	20 22	3 50	8 36	6 27
T 25	11 55	19 49	0 11	14 9	0 13	25 45	2 55	9 33	1 28	3 33	1 37	5 37	1 54	4 49	0 44	12 27	1 51	20 43	13 5	20 5	20 22	3 52	8 37	6 26
F 26	12 15	21 8	1s 7	14 47	0 20	25 53	2 57	9 20	1 29	3 30	1 37	5 35	1 54	4 48	0 44	12 26	1 51	20 43	13 5	20 5	20 21	3 55	8 37	6 26
S 27	12 36	21 6	2 18	15 23	0 26	26 1	3 0	9 7	1 29	3 28	1 36	5 33	1 55	4 47	0 44	12 26	1 51	20 43	13 5	20 5	20 20	3 57	8 38	6 25
S 28	12 56	19 52	3 19	15 59	0 33	26 9	3 2	8 53	1 30	3 25	1 36	5 30	1 55	4 46	0 44	12 25	1 51	20 42	13 6	20 6	20 20	3 59	8 38	6 25
M29	13 17	17 38	4 9	16 34	0 40	26 15	3 4	8 40	1 30	3 23	1 36	5 28	1 55	4 45	0 44	12 25	1 51	20 42	13 6	20 6	20 19	4 2	8 39	6 25
T 30	13 37	14 37	4 45	17 8	0 46	26 21	3 5	8 27	1 30	3 20	1 36	5 26	1 55	4 44	0 45	12 24	1 51	20 42	13 7	20 6	20 18	4 4	8 39	6 24
W31	13s56	11n 2	5s 7	17s41	0s53	26s26	3s 7	8n14	1n31	3n18	1s36	5n24	1n55	4n42	0n45	12n24	1s51	20n42	13n 7	20s 6	20s18	4s 6	8s40	6n24

Julian Day Number = 2347358.5, Delta T = 10.82 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'30, Lahiri = 19°52'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

NOVEMBER 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 30	8♏12'51	28♌32	18♏13	24♐43	13♍13	11°R56	20♍57	19♍54	7°R50	8♍ 1	29°R36	0♐29	0♎ 5	20♒19	T 1
F 2	2 43 26	9°13'03	10♍27	19°45	25°48	13°48	11♈50	21° 3	19°57	7♉48	8° 2	29♏34	0°26	0°12	20°19	F 2
S 3	2 47 23	10°13'16	22°18	21°17	26°52	14°23	11°43	21° 9	20° 0	7°46	8° 3	29°31	0°23	0°18	20°19	S 3
S 4	2 51 19	11°13'32	4♎ 9	22°49	27°57	14°58	11°37	21°14	20° 2	7°45	8° 4	29°27	0°20	0°25	20°20	S 4
M 5	2 55 16	12°13'49	16° 3	24°20	29° 1	15°34	11°31	21°20	20° 5	7°43	8° 6	29°25	0°17	0°32	20°20	M 5
T 6	2 59 12	13°14'09	28° 2	25°51	0♑ 5	16° 9	11°26	21°26	20° 8	7°41	8° 7	29°22	0°14	0°39	20°20	T 6
W 7	3 3 9	14°14'30	10♏ 8	27°21	1° 9	16°44	11°20	21°31	20°10	7°40	8° 8	29°20	0°10	0°45	20°21	W 7
T 8	3 7 5	15°14'53	22°24	28°51	2°12	17°19	11°14	21°37	20°13	7°38	8° 9	29°20	0° 7	0°52	20°21	T 8
F 9	3 11 2	16°15'18	4♐49	0♐21	3°16	17°53	11° 9	21°42	20°15	7°36	8°10	29°D19	0° 4	0°59	20°22	F 9
S 10	3 14 59	17°15'44	17°26	1°50	4°19	18°28	11° 4	21°47	20°18	7°35	8°11	29°20	0° 1	1° 5	20°22	S 10
S 11	3 18 55	18°16'12	0♑15	3°19	5°21	19° 3	10°59	21°53	20°20	7°33	8°12	29°21	29♏58	1°12	20°23	S 11
M12	3 22 52	19°16'41	13°18	4°48	6°24	19°38	10°54	21°58	20°23	7°31	8°13	29°22	29°55	1°19	20°24	M12
T 13	3 26 48	20°17'11	26°36	6°16	7°26	20°12	10°50	22° 3	20°25	7°30	8°14	29°23	29°51	1°25	20°24	T 13
W14	3 30 45	21°17'43	10♒10	7°43	8°27	20°47	10°45	22° 8	20°27	7°28	8°14	29°23	29°48	1°32	20°25	W14
T 15	3 34 41	22°18'16	24° 1	9°10	9°29	21°21	10°41	22°13	20°29	7°26	8°15	29°R24	29°45	1°39	20°26	T 15
F 16	3 38 38	23°18'50	8♓ 9	10°37	10°29	21°55	10°37	22°18	20°32	7°25	8°16	29°23	29°42	1°46	20°27	F 16
S 17	3 42 34	24°19'26	22°31	12° 2	11°30	22°30	10°33	22°23	20°34	7°23	8°17	29°23	29°39	1°52	20°28	S 17
S 18	3 46 31	25°20'02	7♈ 5	13°27	12°30	23° 4	10°29	22°27	20°36	7°22	8°18	29°22	29°35	1°59	20°29	S 18
M19	3 50 28	26°20'40	21°46	14°52	13°30	23°38	10°26	22°32	20°38	7°20	8°18	29°22	29°32	2° 6	20°31	M19
T 20	3 54 24	27°21'19	6♉28	16°15	14°29	24°12	10°23	22°37	20°40	7°18	8°19	29°22	29°29	2°12	20°32	T 20
W21	3 58 21	28°21'59	21° 4	17°37	15°28	24°46	10°20	22°41	20°42	7°17	8°20	29°22	29°26	2°19	20°33	W21
T 22	4 2 17	29°22'41	5♊28	18°58	16°27	25°20	10°17	22°45	20°44	7°15	8°20	29°22	29°23	2°26	20°35	T 22
F 23	4 6 14	0♐23'24	19°35	20°18	17°25	25°54	10°14	22°50	20°46	7°14	8°21	29°22	29°20	2°32	20°36	F 23
S 24	4 10 10	1°24'08	3♋20	21°36	18°22	26°28	10°12	22°54	20°48	7°12	8°21	29°22	29°16	2°39	20°37	S 24
S 25	4 14 7	2°24'54	16°41	22°53	19°19	27° 1	10° 9	22°58	20°49	7°11	8°22	29°21	29°13	2°46	20°39	S 25
M26	4 18 3	3°25'42	29°40	24° 7	20°15	27°35	10° 7	23° 2	20°51	7° 9	8°22	29°21	29°10	2°53	20°41	M26
T 27	4 22 0	4°26'30	12♌17	25°19	21°11	28° 8	10° 5	23° 6	20°53	7° 8	8°23	29°20	29° 7	2°59	20°42	T 27
W28	4 25 57	5°27'20	24°36	26°29	22° 7	28°42	10° 4	23°10	20°54	7° 6	8°23	29°20	29° 4	3° 6	20°44	W28
T 29	4 29 53	6°28'12	6♍41	27°36	23° 1	29°15	10° 2	23°14	20°56	7° 5	8°24	29°D20	29° 1	3°13	20°46	T 29
F 30	4 33 50	7♐29'05	18♍36	28♐39	23♑55	29♍49	10♈ 1	23♍17	20♍58	7♉ 4	8♍24	29♏20	28♏57	3♎19	20♒48	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s16	7n 4	5s15	18s13	0s59	26s31	3s 9	8n 1	1n31	3n15	1s36	5n22	1n55	4n41	0n45	12n23	1s51	20n42	13n 7	20s 6	20s17	4s 8	8s40	6n23
F 2	14 35	2 53	5 9	18 45	1 5	26 35	3 10	7 47	1 32	3 13	1 35	5 20	1 56	4 40	0 45	12 22	1 51	20 42	13 8	20 5	20 16	4 11	8 41	6 23
S 3	14 54	1s23	4 51	19 15	1 11	26 38	3 12	7 34	1 32	3 11	1 35	5 17	1 56	4 39	0 45	12 22	1 51	20 42	13 8	20 5	20 16	4 13	8 41	6 22
S 4	15 13	5 37	4 19	19 45	1 17	26 40	3 13	7 21	1 33	3 9	1 35	5 15	1 56	4 38	0 45	12 21	1 51	20 42	13 9	20 4	20 15	4 15	8 41	6 22
M 5	15 32	9 39	3 37	20 14	1 23	26 42	3 14	7 8	1 33	3 7	1 35	5 13	1 56	4 37	0 45	12 21	1 51	20 42	13 9	20 3	20 14	4 17	8 42	6 21
T 6	15 50	13 21	2 45	20 41	1 29	26 43	3 15	6 54	1 33	3 5	1 35	5 11	1 56	4 36	0 45	12 20	1 51	20 42	13 9	20 3	20 14	4 20	8 42	6 21
W 7	16 8	16 32	1 44	21 8	1 34	26 44	3 16	6 41	1 34	3 3	1 34	5 9	1 57	4 35	0 45	12 20	1 51	20 42	13 10	20 2	20 13	4 22	8 42	6 21
T 8	16 26	19 1	0 38	21 33	1 40	26 44	3 16	6 28	1 34	3 1	1 34	5 7	1 57	4 34	0 45	12 19	1 51	20 42	13 10	20 2	20 12	4 24	8 43	6 20
F 9	16 43	20 38	0n30	21 58	1 45	26 43	3 17	6 15	1 35	2 59	1 34	5 5	1 57	4 33	0 45	12 19	1 51	20 42	13 11	20 2	20 12	4 26	8 43	6 20
S 10	17 1	21 15	1 39	22 21	1 50	26 42	3 18	6 1	1 35	2 57	1 34	5 3	1 57	4 32	0 45	12 18	1 51	20 42	13 11	20 2	20 11	4 29	8 43	6 19
S 11	17 18	20 45	2 43	22 44	1 55	26 40	3 18	5 48	1 35	2 55	1 33	5 1	1 57	4 31	0 45	12 18	1 51	20 42	13 12	20 2	20 10	4 31	8 43	6 19
M12	17 34	19 9	3 40	23 5	1 59	26 37	3 18	5 35	1 36	2 54	1 33	5 0	1 58	4 30	0 45	12 17	1 51	20 42	13 12	20 3	20 10	4 33	8 43	6 18
T 13	17 51	16 30	4 27	23 25	2 4	26 34	3 18	5 22	1 36	2 52	1 33	4 58	1 58	4 30	0 45	12 17	1 51	20 42	13 12	20 3	20 9	4 35	8 44	6 18
W14	18 7	12 54	5 0	23 44	2 8	26 30	3 18	5 8	1 37	2 51	1 33	4 56	1 58	4 29	0 45	12 16	1 51	20 42	13 13	20 3	20 8	4 38	8 44	6 17
T 15	18 22	8 34	5 16	24 1	2 11	26 25	3 18	4 55	1 37	2 49	1 32	4 54	1 58	4 28	0 45	12 16	1 51	20 42	13 13	20 3	20 8	4 40	8 44	6 17
F 16	18 38	3 41	5 14	24 18	2 15	26 20	3 17	4 42	1 38	2 48	1 32	4 53	1 59	4 27	0 45	12 15	1 51	20 42	13 14	20 3	20 7	4 42	8 44	6 16
S 17	18 53	1n30	4 52	24 33	2 18	26 14	3 16	4 29	1 38	2 47	1 32	4 51	1 59	4 26	0 45	12 15	1 51	20 42	13 14	20 3	20 6	4 44	8 44	6 16
S 18	19 8	6 40	4 11	24 47	2 21	26 8	3 16	4 16	1 38	2 45	1 32	4 49	1 59	4 25	0 45	12 14	1 51	20 42	13 15	20 3	20 6	4 47	8 44	6 16
M19	19 22	11 29	3 14	24 59	2 23	26 1	3 15	4 3	1 39	2 44	1 31	4 48	1 59	4 25	0 45	12 14	1 51	20 43	13 15	20 3	20 5	4 49	8 44	6 15
T 20	19 36	15 39	2 4	25 10	2 25	25 54	3 14	3 49	1 39	2 43	1 31	4 46	1 59	4 24	0 45	12 13	1 51	20 43	13 16	20 3	20 4	4 51	8 44	6 15
W21	19 50	18 47	0 46	25 20	2 27	25 45	3 12	3 36	1 40	2 42	1 31	4 44	2 0	4 23	0 45	12 13	1 51	20 43	13 16	20 3	20 4	4 53	8 44	6 14
T 22	20 3	20 42	0s34	25 28	2 28	25 37	3 11	3 23	1 40	2 41	1 30	4 43	2 0	4 22	0 45	12 12	1 51	20 43	13 17	20 3	20 3	4 56	8 44	6 14
F 23	20 16	21 14	1 50	25 35	2 28	25 28	3 9	3 10	1 40	2 41	1 30	4 41	2 0	4 22	0 45	12 12	1 51	20 43	13 17	20 3	20 2	4 58	8 44	6 13
S 24	20 28	20 28	2 58	25 40	2 28	25 18	3 7	2 57	1 41	2 40	1 30	4 40	2 0	4 21	0 45	12 11	1 51	20 43	13 18	20 3	20 1	5 0	8 44	6 13
S 25	20 41	18 34	3 54	25 44	2 28	25 8	3 5	2 44	1 41	2 39	1 30	4 39	2 1	4 20	0 45	12 11	1 51	20 44	13 18	20 3	20 1	5 2	8 44	6 13
M26	20 52	15 45	4 36	25 47	2 26	24 57	3 3	2 31	1 42	2 39	1 29	4 37	2 1	4 20	0 45	12 10	1 51	20 44	13 18	20 2	20 0	5 4	8 44	6 12
T 27	21 4	12 17	5 3	25 48	2 24	24 46	3 0	2 18	1 42	2 38	1 29	4 36	2 1	4 19	0 45	12 10	1 51	20 44	13 19	20 2	19 59	5 7	8 44	6 12
W28	21 15	8 22	5 16	25 47	2 22	24 35	2 57	2 5	1 42	2 38	1 29	4 34	2 1	4 18	0 46	12 9	1 51	20 44	13 19	20 2	19 59	5 9	8 44	6 11
T 29	21 25	4 12	5 15	25 45	2 18	24 22	2 55	1 52	1 43	2 38	1 28	4 33	2 2	4 18	0 46	12 9	1 51	20 45	13 20	20 2	19 58	5 11	8 44	6 11
F 30	21s35	0s 5	5s 0	25s42	2s14	24s10	2s51	1n39	1n43	2n37	1s28	4n32	2n 2	4n17	0n46	12n 9	1s51	20n45	13n20	20s 2	19s57	5s13	8s44	6n10

Julian Day Number = 2347389.5, Delta T = 10.81 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'34, Lahiri = 19°52'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1714
geocentric

DECEMBER 1714 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 46	8♐29'59	0♎27	29♐38	24♑49	0♎22	10°R 0	23♍21	20♍59	7°R 2	8♍24	29♏21	28♏54	3♎26	20♒50	S 1
S 2	4 41 43	9°30'54	12°19	0♑32	25°42	0°55	9♈59	23°25	21° 0	7♉ 1	8°25	29°22	28°51	3°33	20°51	S 2
M 3	4 45 39	10°31'51	24°14	1°21	26°34	1°28	9°59	23°28	21° 2	6°59	8°25	29°23	28°48	3°39	20°53	M 3
T 4	4 49 36	11°32'49	6♏18	2° 5	27°25	2° 1	9°58	23°31	21° 3	6°58	8°25	29°24	28°45	3°46	20°56	T 4
W 5	4 53 32	12°33'48	18°33	2°41	28°16	2°33	9°D58	23°35	21° 4	6°57	8°26	29°25	28°41	3°53	20°58	W 5
T 6	4 57 29	13°34'49	1♐ 2	3°11	29° 6	3° 6	9°58	23°38	21° 6	6°56	8°26	29°R25	28°38	4° 0	21° 0	T 6
F 7	5 1 26	14°35'50	13°45	3°31	29°55	3°39	9°58	23°41	21° 7	6°54	8°26	29°24	28°35	4° 6	21° 2	F 7
S 8	5 5 22	15°36'52	26°44	3°43	0♒43	4°11	9°59	23°44	21° 8	6°53	8°26	29°23	28°32	4°13	21° 4	S 8
S 9	5 9 19	16°37'55	9♑57	3°R44	1°30	4°44	9°59	23°46	21° 9	6°52	8°26	29°21	28°29	4°20	21° 7	S 9
M10	5 13 15	17°38'58	23°25	3°35	2°17	5°16	10° 0	23°49	21°10	6°51	8°26	29°18	28°26	4°26	21° 9	M10
T 11	5 17 12	18°40'02	7♒ 4	3°14	3° 2	5°48	10° 1	23°52	21°11	6°49	8°R26	29°15	28°22	4°33	21°12	T 11
W12	5 21 8	19°41'07	20°54	2°42	3°47	6°20	10° 2	23°54	21°12	6°48	8°26	29°13	28°19	4°40	21°14	W12
T 13	5 25 5	20°42'12	4♓53	1°58	4°30	6°52	10° 4	23°57	21°13	6°47	8°26	29°11	28°16	4°46	21°17	T 13
F 14	5 29 1	21°43'17	18°58	1° 3	5°12	7°24	10° 5	23°59	21°13	6°46	8°26	29°D10	28°13	4°53	21°19	F 14
S 15	5 32 58	22°44'22	3♈ 8	29♐59	5°53	7°56	10° 7	24° 1	21°14	6°45	8°26	29°11	28°10	5° 0	21°22	S 15
S 16	5 36 55	23°45'28	17°21	28°46	6°33	8°27	10° 9	24° 3	21°15	6°44	8°26	29°12	28° 7	5° 7	21°25	S 16
M17	5 40 51	24°46'34	1♉35	27°27	7°12	8°59	10°12	24° 5	21°15	6°43	8°26	29°13	28° 3	5°13	21°27	M17
T 18	5 44 48	25°47'40	15°47	26° 5	7°49	9°30	10°14	24° 7	21°16	6°42	8°25	29°15	28° 0	5°20	21°30	T 18
W19	5 48 44	26°48'46	29°54	24°43	8°26	10° 1	10°17	24° 9	21°16	6°41	8°25	29°R15	27°57	5°27	21°33	W19
T 20	5 52 41	27°49'53	13♊54	23°22	9° 0	10°32	10°20	24°11	21°17	6°40	8°25	29°15	27°54	5°33	21°36	T 20
F 21	5 56 37	28°51'00	27°41	22° 6	9°33	11° 3	10°23	24°12	21°17	6°39	8°25	29°12	27°51	5°40	21°39	F 21
S 22	6 0 34	29°52'08	11♋13	20°57	10° 5	11°34	10°26	24°14	21°17	6°38	8°24	29° 8	27°47	5°47	21°42	S 22
S 23	6 4 30	0♑53'16	24°28	19°57	10°35	12° 5	10°30	24°15	21°18	6°37	8°24	29° 3	27°44	5°53	21°45	S 23
M24	6 8 27	1°54'24	7♌24	19° 6	11° 4	12°35	10°33	24°17	21°18	6°37	8°23	28°57	27°41	6° 0	21°48	M24
T 25	6 12 24	2°55'32	20° 1	18°26	11°31	13° 6	10°37	24°18	21°18	6°36	8°23	28°52	27°38	6° 7	21°51	T 25
W26	6 16 20	3°56'41	2♍22	17°56	11°56	13°36	10°41	24°19	21°18	6°35	8°23	28°46	27°35	6°13	21°54	W26
T 27	6 20 17	4°57'50	14°29	17°37	12°19	14° 6	10°46	24°20	21°R18	6°34	8°22	28°43	27°32	6°20	21°57	T 27
F 28	6 24 13	5°59'00	26°25	17°D28	12°40	14°36	10°50	24°20	21°18	6°34	8°22	28°40	27°28	6°27	22° 1	F 28
S 29	6 28 10	7° 0'10	8♎16	17°28	13° 0	15° 6	10°55	24°21	21°18	6°33	8°21	28°D40	27°25	6°34	22° 4	S 29
S 30	6 32 6	8° 1'20	20° 7	17°37	13°17	15°36	10°59	24°22	21°18	6°32	8°20	28°41	27°22	6°40	22° 7	S 30
M31	6 36 3	9♑ 2'31	2♏ 2	17♐54	13♒32	16♎ 5	11♈ 4	24♍22	21♍18	6♉32	8♍20	28♏42	27♏19	6♎47	22♒11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s45	4s20	4s32	25s37	2s 9	23s57	2s48	1n26	1n44	2n37	1s28	4n31	2n 2	4n17	0n46	12n 8	1s51	20n45	13n21	20s 2	19s57	5s16	8s43	6n10
S 2	21 55	8 26	3 53	25 31	2 2	23 44	2 44	1 14	1 44	2 37	1 27	4 30	2 2	4 16	0 46	12 8	1 51	20 46	13 21	20 3	19 56	5 18	8 43	6 10
M 3	22 4	12 15	3 3	25 23	1 55	23 30	2 41	1 1	1 45	2 37	1 27	4 29	2 3	4 16	0 46	12 7	1 51	20 46	13 22	20 3	19 55	5 20	8 43	6 9
T 4	22 12	15 36	2 5	25 14	1 46	23 16	2 36	0 48	1 45	2 37	1 27	4 27	2 3	4 15	0 46	12 7	1 51	20 46	13 22	20 3	19 55	5 22	8 43	6 9
W 5	22 20	18 20	1 0	25 3	1 37	23 1	2 32	0 36	1 45	2 38	1 27	4 26	2 3	4 15	0 46	12 7	1 51	20 47	13 23	20 3	19 54	5 24	8 42	6 8
T 6	22 28	20 15	0n 9	24 52	1 26	22 47	2 28	0 23	1 46	2 38	1 26	4 25	2 4	4 14	0 46	12 6	1 51	20 47	13 23	20 3	19 53	5 27	8 42	6 8
F 7	22 35	21 11	1 19	24 39	1 13	22 31	2 23	0 10	1 46	2 38	1 26	4 24	2 4	4 14	0 46	12 6	1 51	20 47	13 24	20 3	19 52	5 29	8 42	6 8
S 8	22 42	21 1	2 25	24 25	1 0	22 16	2 18	0s 2	1 47	2 39	1 26	4 24	2 4	4 13	0 46	12 5	1 51	20 48	13 24	20 3	19 52	5 31	8 41	6 7
S 9	22 48	19 41	3 26	24 10	0 44	22 0	2 12	0 15	1 47	2 39	1 25	4 23	2 4	4 13	0 46	12 5	1 51	20 48	13 25	20 2	19 51	5 33	8 41	6 7
M10	22 54	17 14	4 16	23 54	0 28	21 44	2 7	0 27	1 47	2 40	1 25	4 22	2 5	4 13	0 46	12 5	1 51	20 49	13 25	20 2	19 50	5 35	8 41	6 6
T 11	22 59	13 49	4 52	23 37	0 10	21 28	2 1	0 39	1 48	2 41	1 25	4 21	2 5	4 12	0 46	12 4	1 51	20 49	13 26	20 1	19 50	5 37	8 40	6 6
W12	23 4	9 37	5 12	23 19	0n 8	21 11	1 55	0 52	1 48	2 41	1 24	4 20	2 5	4 12	0 46	12 4	1 50	20 50	13 26	20 1	19 49	5 40	8 40	6 6
T 13	23 9	4 52	5 13	23 0	0 28	20 55	1 48	1 4	1 49	2 42	1 24	4 20	2 5	4 12	0 46	12 4	1 50	20 50	13 27	20 0	19 48	5 42	8 39	6 5
F 14	23 13	0n10	4 57	22 41	0 48	20 38	1 41	1 16	1 49	2 43	1 24	4 19	2 6	4 12	0 46	12 3	1 50	20 50	13 27	20 0	19 48	5 44	8 39	6 5
S 15	23 17	5 15	4 22	22 21	1 8	20 21	1 34	1 28	1 50	2 44	1 23	4 18	2 6	4 11	0 46	12 3	1 50	20 51	13 28	20 0	19 47	5 46	8 38	6 5
S 16	23 20	10 3	3 30	22 1	1 28	20 4	1 27	1 40	1 50	2 45	1 23	4 18	2 6	4 11	0 46	12 3	1 50	20 51	13 28	20 0	19 46	5 48	8 38	6 4
M17	23 22	14 20	2 26	21 41	1 46	19 47	1 19	1 52	1 50	2 46	1 23	4 17	2 7	4 11	0 46	12 2	1 50	20 52	13 28	20 1	19 45	5 51	8 37	6 4
T 18	23 24	17 46	1 13	21 21	2 4	19 29	1 11	2 4	1 51	2 48	1 22	4 17	2 7	4 11	0 46	12 2	1 50	20 52	13 29	20 1	19 45	5 53	8 37	6 3
W19	23 26	20 6	0s 4	21 2	2 20	19 12	1 3	2 16	1 51	2 49	1 22	4 16	2 7	4 11	0 46	12 2	1 50	20 53	13 29	20 1	19 44	5 55	8 36	6 3
T 20	23 27	21 11	1 19	20 45	2 34	18 54	0 54	2 28	1 52	2 50	1 22	4 16	2 7	4 10	0 46	12 2	1 50	20 53	13 30	20 1	19 43	5 57	8 36	6 3
F 21	23 28	20 58	2 30	20 30	2 45	18 37	0 45	2 40	1 52	2 52	1 22	4 15	2 8	4 10	0 46	12 1	1 50	20 54	13 30	20 1	19 43	5 59	8 35	6 2
S 22	23 28	19 31	3 30	20 16	2 54	18 19	0 36	2 51	1 52	2 54	1 21	4 15	2 8	4 10	0 47	12 1	1 50	20 55	13 31	20 0	19 42	6 1	8 34	6 2
S 23	23 28	17 2	4 17	20 6	3 0	18 2	0 27	3 3	1 53	2 55	1 21	4 15	2 8	4 10	0 47	12 1	1 50	20 55	13 31	19 59	19 41	6 4	8 34	6 2
M24	23 28	13 46	4 50	19 58	3 5	17 45	0 17	3 15	1 53	2 57	1 21	4 15	2 8	4 10	0 47	12 1	1 50	20 56	13 32	19 57	19 40	6 6	8 33	6 1
T 25	23 27	9 57	5 8	19 52	3 7	17 27	0 6	3 26	1 54	2 59	1 20	4 14	2 9	4 10	0 47	12 1	1 50	20 56	13 32	19 56	19 40	6 8	8 33	6 1
W26	23 25	5 48	5 11	19 50	3 7	17 10	0n 4	3 37	1 54	3 1	1 20	4 14	2 9	4 10	0 47	12 0	1 50	20 57	13 33	19 55	19 39	6 10	8 32	6 1
T 27	23 23	1 30	5 0	19 50	3 5	16 53	0 15	3 49	1 54	3 3	1 20	4 14	2 9	4 10	0 47	12 0	1 50	20 57	13 33	19 54	19 38	6 12	8 31	6 0
F 28	23 20	2s48	4 36	19 52	3 2	16 36	0 27	4 0	1 55	3 5	1 19	4 14	2 10	4 10	0 47	12 0	1 50	20 58	13 34	19 54	19 37	6 14	8 30	6 0
S 29	23 17	6 58	4 0	19 56	2 57	16 20	0 38	4 11	1 55	3 7	1 19	4 14	2 10	4 10	0 47	12 0	1 50	20 59	13 34	19 53	19 37	6 16	8 30	6 0
S 30	23 14	10 53	3 15	20 3	2 52	16 3	0 50	4 22	1 56	3 9	1 19	4 14	2 10	4 10	0 47	12 0	1 50	20 59	13 34	19 54	19 36	6 19	8 29	6 0
M31	23s10	14s23	2s20	20s11	2n46	15s47	1n 3	4s33	1n56	3n11	1s19	4n14	2n10	4n11	0n47	12n 0	1s49	21n 0	13n35	19s54	19s35	6s21	8s28	5n59

Julian Day Number = 2347419.5, Delta T = 10.80 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'38, Lahiri = 19°52'38Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1715
geocentric

JANUARY 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 59	10♑ 3'41	14♏ 7	18♐19	13♒46	16♎35	11♈10	24♍23	21°R17	6°R31	8°R19	28♏44	27♏16	6♎54	22♒14	T 1
W 2	6 43 56	11° 4'52	26°27	18°50	13°57	17° 4	11°15	24°23	21♍17	6♉31	8♍18	28°R45	27°13	7° 0	22°17	W 2
T 3	6 47 53	12° 6'03	9♐ 4	19°28	14° 5	17°33	11°20	24°23	21°17	6°30	8°18	28°44	27° 9	7° 7	22°21	T 3
F 4	6 51 49	13° 7'14	22° 2	20°10	14°12	18° 2	11°26	24°R23	21°16	6°30	8°17	28°42	27° 6	7°14	22°24	F 4
S 5	6 55 46	14° 8'25	5♑20	20°58	14°16	18°31	11°32	24°23	21°16	6°29	8°16	28°37	27° 3	7°20	22°28	S 5
S 6	6 59 42	15° 9'36	18°59	21°50	14°R18	18°59	11°38	24°23	21°15	6°29	8°16	28°30	27° 0	7°27	22°32	S 6
M 7	7 3 39	16°10'47	2♒55	22°45	14°17	19°28	11°44	24°23	21°15	6°29	8°15	28°22	26°57	7°34	22°35	M 7
T 8	7 7 35	17°11'57	17° 4	23°45	14°14	19°56	11°51	24°22	21°14	6°28	8°14	28°14	26°53	7°40	22°39	T 8
W 9	7 11 32	18°13'06	1♓21	24°47	14° 8	20°24	11°57	24°22	21°13	6°28	8°13	28° 6	26°50	7°47	22°43	W 9
T 10	7 15 29	19°14'15	15°40	25°52	14° 0	20°51	12° 4	24°21	21°13	6°28	8°12	28° 0	26°47	7°54	22°46	T 10
F 11	7 19 25	20°15'23	29°57	26°59	13°49	21°19	12°11	24°21	21°12	6°27	8°11	27°55	26°44	8° 1	22°50	F 11
S 12	7 23 22	21°16'31	14♈10	28° 9	13°36	21°46	12°18	24°20	21°11	6°27	8°10	27°54	26°41	8° 7	22°54	S 12
S 13	7 27 18	22°17'37	28°15	29°20	13°20	22°13	12°25	24°19	21°10	6°27	8° 9	27°D53	26°38	8°14	22°58	S 13
M14	7 31 15	23°18'43	12♉12	0♑34	13° 1	22°40	12°33	24°18	21° 9	6°27	8° 8	27°54	26°34	8°21	23° 1	M14
T 15	7 35 11	24°19'48	26° 1	1°49	12°41	23° 7	12°40	24°17	21° 8	6°27	8° 7	27°R55	26°31	8°27	23° 5	T 15
W16	7 39 8	25°20'52	9♊42	3° 6	12°18	23°34	12°48	24°15	21° 7	6°27	8° 6	27°54	26°28	8°34	23° 9	W16
T 17	7 43 4	26°21'56	23°14	4°24	11°53	24° 0	12°56	24°14	21° 6	6°D27	8° 5	27°52	26°25	8°41	23°13	T 17
F 18	7 47 1	27°22'58	6♋35	5°43	11°25	24°26	13° 4	24°13	21° 5	6°27	8° 4	27°46	26°22	8°47	23°17	F 18
S 19	7 50 58	28°24'00	19°46	7° 4	10°56	24°52	13°12	24°11	21° 4	6°27	8° 3	27°38	26°19	8°54	23°21	S 19
S 20	7 54 54	29°25'01	2♌44	8°26	10°25	25°17	13°20	24° 9	21° 2	6°27	8° 2	27°27	26°15	9° 1	23°25	S 20
M21	7 58 51	0♒26'01	15°28	9°48	9°53	25°43	13°29	24° 8	21° 1	6°27	8° 1	27°15	26°12	9° 7	23°29	M21
T 22	8 2 47	1°27'00	27°58	11°12	9°19	26° 8	13°37	24° 6	21° 0	6°27	8° 0	27° 3	26° 9	9°14	23°33	T 22
W23	8 6 44	2°27'58	10♍15	12°37	8°44	26°33	13°46	24° 4	20°58	6°27	7°58	26°52	26° 6	9°21	23°37	W23
T 24	8 10 40	3°28'56	22°20	14° 2	8° 8	26°57	13°55	24° 2	20°57	6°28	7°57	26°42	26° 3	9°27	23°41	T 24
F 25	8 14 37	4°29'53	4♎15	15°29	7°31	27°22	14° 4	23°59	20°55	6°28	7°56	26°35	25°59	9°34	23°45	F 25
S 26	8 18 33	5°30'49	16° 5	16°56	6°54	27°46	14°13	23°57	20°54	6°28	7°55	26°31	25°56	9°41	23°49	S 26
S 27	8 22 30	6°31'45	27°55	18°24	6°17	28° 9	14°22	23°55	20°52	6°29	7°53	26°29	25°53	9°48	23°53	S 27
M28	8 26 27	7°32'40	9♏48	19°53	5°40	28°33	14°32	23°52	20°50	6°29	7°52	26°D29	25°50	9°54	23°57	M28
T 29	8 30 23	8°33'34	21°51	21°23	5° 3	28°56	14°41	23°50	20°49	6°29	7°51	26°R29	25°47	10° 1	24° 1	T 29
W30	8 34 20	9°34'27	4♐10	22°54	4°27	29°19	14°51	23°47	20°47	6°30	7°50	26°29	25°44	10° 8	24° 5	W30
T 31	8 38 16	10♒35'20	16♐48	24♑25	3♒52	29♎42	15♈ 1	23♍44	20♍45	6♉30	7♍48	26♏27	25♏40	10♎14	24♒10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 6	17s21	1s19	20s20	2n38	15s31	1n16	4s44	1n57	3n13	1s18	4n14	2n11	4n11	0n47	11n59	1s49	21n 1	13n35	19s54	19s35	6s23	8s27	5n59
W 2	23 1	19 35	0 12	20 30	2 31	15 15	1 29	4 55	1 57	3 16	1 18	4 14	2 11	4 11	0 47	11 59	1 49	21 1	13 36	19 55	19 34	6 25	8 26	5 59
T 3	22 55	20 56	0n56	20 41	2 23	15 0	1 42	5 6	1 57	3 18	1 18	4 15	2 11	4 11	0 47	11 59	1 49	21 2	13 36	19 54	19 33	6 27	8 26	5 58
F 4	22 50	21 12	2 3	20 53	2 14	14 45	1 56	5 16	1 58	3 21	1 17	4 15	2 12	4 11	0 47	11 59	1 49	21 3	13 37	19 54	19 32	6 29	8 25	5 58
S 5	22 43	20 18	3 5	21 5	2 5	14 30	2 9	5 27	1 58	3 23	1 17	4 15	2 12	4 11	0 47	11 59	1 49	21 3	13 37	19 53	19 32	6 31	8 24	5 58
S 6	22 37	18 12	3 58	21 17	1 56	14 16	2 24	5 37	1 59	3 26	1 17	4 15	2 12	4 12	0 47	11 59	1 49	21 4	13 37	19 51	19 31	6 34	8 23	5 58
M 7	22 30	15 2	4 38	21 30	1 47	14 3	2 38	5 47	1 59	3 28	1 17	4 16	2 12	4 12	0 47	11 59	1 49	21 5	13 38	19 50	19 30	6 36	8 22	5 57
T 8	22 22	10 57	5 1	21 42	1 38	13 50	2 53	5 58	1 59	3 31	1 16	4 16	2 13	4 12	0 47	11 59	1 49	21 5	13 38	19 48	19 29	6 38	8 21	5 57
W 9	22 14	6 14	5 6	21 54	1 29	13 37	3 8	6 8	2 0	3 34	1 16	4 17	2 13	4 13	0 47	11 59	1 49	21 6	13 39	19 46	19 29	6 40	8 20	5 57
T 10	22 6	1 10	4 53	22 5	1 19	13 25	3 23	6 18	2 0	3 37	1 16	4 17	2 13	4 13	0 47	11 59	1 49	21 7	13 39	19 45	19 28	6 42	8 19	5 57
F 11	21 57	3n58	4 21	22 16	1 10	13 14	3 38	6 28	2 1	3 40	1 15	4 18	2 14	4 13	0 47	11 59	1 49	21 7	13 39	19 44	19 27	6 44	8 18	5 56
S 12	21 47	8 51	3 33	22 27	1 1	13 3	3 53	6 38	2 1	3 43	1 15	4 18	2 14	4 14	0 47	11 59	1 49	21 8	13 40	19 43	19 27	6 46	8 17	5 56
S 13	21 38	13 14	2 32	22 36	0 52	12 53	4 8	6 47	2 1	3 46	1 15	4 19	2 14	4 14	0 47	11 59	1 49	21 9	13 40	19 43	19 26	6 48	8 16	5 56
M14	21 28	16 51	1 23	22 45	0 43	12 43	4 23	6 57	2 2	3 49	1 15	4 19	2 14	4 14	0 47	11 59	1 49	21 10	13 40	19 43	19 25	6 51	8 15	5 56
T 15	21 17	19 27	0 10	22 53	0 34	12 34	4 38	7 6	2 2	3 52	1 14	4 20	2 15	4 15	0 48	11 59	1 49	21 10	13 41	19 44	19 24	6 53	8 14	5 55
W16	21 6	20 54	1s 3	23 1	0 26	12 26	4 53	7 16	2 3	3 56	1 14	4 21	2 15	4 15	0 48	11 59	1 49	21 11	13 41	19 43	19 24	6 55	8 13	5 55
T 17	20 55	21 7	2 11	23 7	0 17	12 19	5 8	7 25	2 3	3 59	1 14	4 22	2 15	4 16	0 48	11 59	1 48	21 12	13 42	19 43	19 23	6 57	8 12	5 55
F 18	20 43	20 8	3 11	23 12	0 9	12 12	5 23	7 34	2 3	4 2	1 14	4 23	2 15	4 16	0 48	11 59	1 48	21 13	13 42	19 41	19 22	6 59	8 11	5 55
S 19	20 31	18 3	4 0	23 17	0 0	12 6	5 37	7 43	2 4	4 6	1 13	4 23	2 16	4 17	0 48	11 59	1 48	21 13	13 42	19 40	19 21	7 1	8 10	5 55
S 20	20 18	15 6	4 36	23 20	0s 8	12 1	5 51	7 52	2 4	4 9	1 13	4 24	2 16	4 17	0 48	11 59	1 48	21 14	13 43	19 37	19 21	7 3	8 9	5 54
M21	20 5	11 30	4 57	23 22	0 15	11 57	6 4	8 1	2 4	4 13	1 13	4 25	2 16	4 18	0 48	11 59	1 48	21 15	13 43	19 35	19 20	7 5	8 8	5 54
T 22	19 52	7 27	5 3	23 23	0 23	11 53	6 17	8 10	2 5	4 16	1 13	4 26	2 17	4 18	0 48	11 59	1 48	21 16	13 43	19 32	19 19	7 7	8 7	5 54
W23	19 38	3 11	4 55	23 23	0 30	11 50	6 29	8 18	2 5	4 20	1 12	4 27	2 17	4 19	0 48	11 59	1 48	21 16	13 44	19 29	19 18	7 9	8 6	5 54
T 24	19 24	1s 8	4 34	23 21	0 38	11 48	6 41	8 27	2 6	4 23	1 12	4 28	2 17	4 20	0 48	12 0	1 48	21 17	13 44	19 27	19 18	7 11	8 5	5 54
F 25	19 10	5 22	4 1	23 19	0 45	11 47	6 52	8 35	2 6	4 27	1 12	4 29	2 17	4 20	0 48	12 0	1 48	21 18	13 44	19 25	19 17	7 14	8 3	5 54
S 26	18 55	9 22	3 17	23 15	0 51	11 46	7 2	8 44	2 6	4 31	1 12	4 31	2 18	4 21	0 48	12 0	1 48	21 19	13 45	19 24	19 16	7 16	8 2	5 53
S 27	18 40	13 1	2 26	23 10	0 58	11 46	7 11	8 52	2 7	4 35	1 11	4 32	2 18	4 22	0 48	12 0	1 48	21 19	13 45	19 24	19 15	7 18	8 1	5 53
M28	18 25	16 9	1 28	23 3	1 4	11 46	7 20	9 0	2 7	4 39	1 11	4 33	2 18	4 22	0 48	12 0	1 48	21 20	13 45	19 24	19 15	7 20	8 0	5 53
T 29	18 9	18 39	0 25	22 56	1 10	11 47	7 27	9 8	2 7	4 42	1 11	4 34	2 18	4 23	0 48	12 0	1 48	21 21	13 45	19 24	19 14	7 22	7 59	5 53
W30	17 53	20 21	0n41	22 47	1 16	11 49	7 34	9 15	2 8	4 46	1 11	4 35	2 19	4 24	0 48	12 1	1 48	21 22	13 46	19 24	19 13	7 24	7 57	5 53
T 31	17s36	21s 4	1n46	22s36	1s21	11s52	7n40	9s23	2n 8	4n50	1s10	4n37	2n19	4n24	0n48	12n 1	1s48	21n22	13n46	19s23	19s12	7s26	7s56	5n53

Julian Day Number = 2347450.5, Delta T = 10.79 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'42, Lahiri = 19°52'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

FEBRUARY 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 42 13	11♒36'11	29♐51	25♉57	3°R18	0♏ 4	15♈11	23°R42	20°R44	6♉31	7°R47	26°R23	25♏37	10♎21	24♒14	F 1
S 2	8 46 9	12°37'02	13♉20	27°30	2♒45	0°26	15°21	23♍39	20♍42	6°31	7♍46	26♏16	25°34	10°28	24°18	S 2
S 3	8 50 6	13°37'51	27°14	29° 4	2°14	0°48	15°31	23°36	20°40	6°32	7°44	26° 7	25°31	10°34	24°22	S 3
M 4	8 54 2	14°38'40	11♒33	0♒38	1°44	1° 9	15°41	23°33	20°38	6°32	7°43	25°55	25°28	10°41	24°26	M 4
T 5	8 57 59	15°39'27	26° 8	2°13	1°16	1°30	15°51	23°29	20°36	6°33	7°41	25°43	25°24	10°48	24°31	T 5
W 6	9 1 56	16°40'12	10♓53	3°49	0°50	1°50	16° 2	23°26	20°34	6°34	7°40	25°32	25°21	10°54	24°35	W 6
T 7	9 5 52	17°40'57	25°40	5°26	0°27	2°11	16°13	23°23	20°32	6°35	7°38	25°22	25°18	11° 1	24°39	T 7
F 8	9 9 49	18°41'39	10♈20	7° 3	0° 5	2°31	16°23	23°19	20°30	6°35	7°37	25°15	25°15	11° 8	24°43	F 8
S 9	9 13 45	19°42'20	24°49	8°42	29♉46	2°50	16°34	23°16	20°28	6°36	7°36	25°11	25°12	11°14	24°47	S 9
S 10	9 17 42	20°42'59	9♉ 1	10°21	29°29	3° 9	16°45	23°12	20°26	6°37	7°34	25° 9	25° 9	11°21	24°52	S 10
M11	9 21 38	21°43'37	22°57	12° 1	29°15	3°28	16°56	23° 9	20°23	6°38	7°33	25° 9	25° 5	11°28	24°56	M11
T 12	9 25 35	22°44'13	6♊37	13°42	29° 3	3°46	17° 7	23° 5	20°21	6°39	7°31	25° 9	25° 2	11°34	25° 0	T 12
W13	9 29 31	23°44'47	20° 2	15°24	28°53	4° 4	17°18	23° 1	20°19	6°39	7°30	25° 7	24°59	11°41	25° 4	W13
T 14	9 33 28	24°45'19	3♋14	17° 6	28°46	4°22	17°30	22°57	20°17	6°40	7°28	25° 4	24°56	11°48	25° 9	T 14
F 15	9 37 25	25°45'50	16°13	18°50	28°42	4°39	17°41	22°53	20°14	6°41	7°27	24°57	24°53	11°55	25°13	F 15
S 16	9 41 21	26°46'18	29° 2	20°35	28°D40	4°56	17°53	22°50	20°12	6°42	7°25	24°47	24°50	12° 1	25°17	S 16
S 17	9 45 18	27°46'45	11♌40	22°20	28°40	5°12	18° 4	22°45	20°10	6°43	7°23	24°34	24°46	12° 8	25°21	S 17
M18	9 49 14	28°47'10	24° 8	24° 6	28°43	5°28	18°16	22°41	20° 7	6°44	7°22	24°20	24°43	12°15	25°26	M18
T 19	9 53 11	29°47'34	6♍26	25°54	28°48	5°43	18°28	22°37	20° 5	6°46	7°20	24° 6	24°40	12°21	25°30	T 19
W20	9 57 7	0♓47'56	18°34	27°42	28°55	5°58	18°40	22°33	20° 3	6°47	7°19	23°52	24°37	12°28	25°34	W20
T 21	10 1 4	1°48'16	0♎33	29°31	29° 5	6°12	18°52	22°29	20° 0	6°48	7°17	23°41	24°34	12°35	25°38	T 21
F 22	10 5 0	2°48'35	12°26	1♈21	29°17	6°26	19° 4	22°25	19°58	6°49	7°16	23°32	24°30	12°41	25°42	F 22
S 23	10 8 57	3°48'52	24°15	3°12	29°31	6°40	19°16	22°20	19°55	6°50	7°14	23°26	24°27	12°48	25°47	S 23
S 24	10 12 53	4°49'08	6♏ 3	5° 4	29°47	6°52	19°28	22°16	19°53	6°51	7°13	23°22	24°24	12°55	25°51	S 24
M25	10 16 50	5°49'22	17°55	6°57	0♒ 5	7° 5	19°40	22°11	19°50	6°53	7°11	23°21	24°21	13° 1	25°55	M25
T 26	10 20 47	6°49'34	29°56	8°51	0°25	7°17	19°53	22° 7	19°48	6°54	7° 9	23°D21	24°18	13° 8	25°59	T 26
W27	10 24 43	7°49'46	12♐11	10°45	0°47	7°28	20° 5	22° 2	19°45	6°55	7° 8	23°R21	24°15	13°15	26° 3	W27
T 28	10 28 40	8♓49'55	24♐46	12♓41	1♒11	7♏39	20♈18	21♍58	19♍43	6♉57	7♍ 6	23♏20	24♏11	13♎21	26♒ 8	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s20	20s41	2n47	22s24	1s27	11s54	7n45	9s30	2n 8	4n54	1s10	4n38	2n19	4n25	0n48	12n 1	1s48	21n23	13n46	19s22	19s12	7s28	7s55	5n53	F 1
S 2	17 3	19 8	3 41	22 11	1 32	11 58	7 49	9 38	2 9	4 58	1 10	4 39	2 19	4 26	0 48	12 1	1 47	21 24	13 47	19 21	19 11	7 30	7 54	5 52	S 2
S 3	16 45	16 26	4 24	21 57	1 36	12 1	7 52	9 45	2 9	5 3	1 10	4 41	2 19	4 27	0 48	12 2	1 47	21 25	13 47	19 19	19 10	7 32	7 52	5 52	S 3
M 4	16 28	12 41	4 51	21 41	1 41	12 6	7 54	9 52	2 9	5 7	1 10	4 42	2 20	4 27	0 48	12 2	1 47	21 25	13 47	19 16	19 9	7 34	7 51	5 52	M 4
T 5	16 10	8 6	5 1	21 24	1 45	12 10	7 55	9 59	2 10	5 11	1 9	4 44	2 20	4 28	0 48	12 2	1 47	21 26	13 47	19 13	19 9	7 36	7 50	5 52	T 5
W 6	15 52	3 1	4 50	21 5	1 48	12 15	7 56	10 6	2 10	5 15	1 9	4 45	2 20	4 29	0 48	12 2	1 47	21 27	13 47	19 10	19 8	7 38	7 49	5 52	W 6
T 7	15 33	2n15	4 20	20 45	1 52	12 20	7 56	10 12	2 10	5 19	1 9	4 47	2 20	4 30	0 48	12 3	1 47	21 28	13 48	19 8	19 7	7 40	7 47	5 52	T 7
F 8	15 15	7 22	3 33	20 23	1 55	12 25	7 55	10 19	2 11	5 24	1 9	4 48	2 21	4 31	0 48	12 3	1 47	21 28	13 48	19 6	19 6	7 42	7 46	5 52	F 8
S 9	14 56	12 0	2 33	20 0	1 58	12 31	7 53	10 25	2 11	5 28	1 8	4 50	2 21	4 31	0 48	12 3	1 47	21 29	13 48	19 5	19 6	7 45	7 45	5 52	S 9
S 10	14 37	15 51	1 24	19 36	2 0	12 37	7 51	10 31	2 11	5 32	1 8	4 51	2 21	4 32	0 48	12 4	1 47	21 30	13 48	19 5	19 5	7 47	7 43	5 52	S 10
M11	14 17	18 44	0 12	19 10	2 2	12 42	7 48	10 38	2 12	5 37	1 8	4 53	2 21	4 33	0 48	12 4	1 47	21 31	13 49	19 5	19 4	7 49	7 42	5 52	M11
T 12	13 57	20 27	1s 0	18 43	2 3	12 48	7 44	10 43	2 12	5 41	1 8	4 55	2 21	4 34	0 48	12 4	1 47	21 31	13 49	19 5	19 3	7 51	7 41	5 52	T 12
W13	13 38	20 59	2 7	18 14	2 5	12 54	7 40	10 49	2 12	5 46	1 8	4 56	2 22	4 35	0 48	12 5	1 47	21 32	13 49	19 4	19 2	7 53	7 39	5 52	W13
T 14	13 17	20 20	3 7	17 43	2 6	13 0	7 35	10 55	2 12	5 50	1 8	4 58	2 22	4 36	0 48	12 5	1 47	21 33	13 49	19 4	19 2	7 55	7 38	5 51	T 14
F 15	12 57	18 36	3 55	17 12	2 6	13 6	7 30	11 0	2 13	5 55	1 7	5 0	2 22	4 37	0 48	12 5	1 47	21 34	13 49	19 2	19 1	7 57	7 37	5 51	F 15
S 16	12 37	15 58	4 31	16 39	2 6	13 12	7 24	11 6	2 13	5 59	1 7	5 2	2 22	4 38	0 48	12 6	1 47	21 34	13 49	19 0	19 0	7 59	7 35	5 51	S 16
S 17	12 16	12 38	4 52	16 4	2 6	13 18	7 18	11 11	2 13	6 4	1 7	5 3	2 22	4 39	0 48	12 6	1 47	21 35	13 50	18 56	18 59	8 1	7 34	5 51	S 17
M18	11 55	8 47	5 0	15 28	2 5	13 24	7 12	11 16	2 13	6 9	1 7	5 5	2 22	4 40	0 48	12 7	1 46	21 36	13 50	18 53	18 59	8 3	7 33	5 51	M18
T 19	11 34	4 38	4 53	14 50	2 3	13 29	7 5	11 21	2 14	6 13	1 7	5 7	2 23	4 41	0 49	12 7	1 46	21 37	13 50	18 50	18 58	8 5	7 31	5 51	T 19
W20	11 12	0 21	4 33	14 11	2 1	13 35	6 58	11 25	2 14	6 18	1 6	5 9	2 23	4 42	0 49	12 7	1 46	21 37	13 50	18 46	18 57	8 7	7 30	5 51	W20
T 21	10 51	3s54	4 1	13 31	1 59	13 40	6 51	11 30	2 14	6 23	1 6	5 11	2 23	4 43	0 49	12 8	1 46	21 38	13 50	18 43	18 56	8 9	7 29	5 51	T 21
F 22	10 29	7 58	3 19	12 49	1 56	13 45	6 44	11 34	2 14	6 27	1 6	5 12	2 23	4 43	0 49	12 8	1 46	21 39	13 50	18 41	18 56	8 11	7 27	5 51	F 22
S 23	10 7	11 42	2 28	12 6	1 53	13 50	6 36	11 39	2 14	6 32	1 6	5 14	2 23	4 44	0 49	12 9	1 46	21 39	13 50	18 39	18 55	8 13	7 26	5 51	S 23
S 24	9 45	14 59	1 30	11 21	1 49	13 54	6 28	11 43	2 14	6 37	1 6	5 16	2 23	4 45	0 49	12 9	1 46	21 40	13 50	18 39	18 54	8 15	7 24	5 51	S 24
M25	9 23	17 39	0 29	10 35	1 45	13 58	6 20	11 47	2 15	6 42	1 6	5 18	2 23	4 46	0 49	12 10	1 46	21 41	13 50	18 38	18 53	8 17	7 23	5 51	M25
T 26	9 1	19 36	0n35	9 48	1 40	14 2	6 12	11 50	2 15	6 47	1 5	5 20	2 24	4 47	0 49	12 10	1 46	21 41	13 51	18 38	18 52	8 19	7 22	5 51	T 26
W27	8 39	20 40	1 38	9 0	1 34	14 6	6 4	11 54	2 15	6 51	1 5	5 22	2 24	4 48	0 49	12 11	1 46	21 42	13 51	18 38	18 52	8 21	7 20	5 51	W27
T 28	8s16	20s44	2n39	8s10	1s28	14s 9	5n55	11s57	2n15	6n56	1s 5	5n24	2n24	4n49	0n49	12n11	1s46	21n43	13n51	18s38	18s51	8s23	7s19	5n51	T 28

Julian Day Number = 2347481.5, Delta T = 10.78 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'46, Lahiri = 19°52'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

MARCH 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 32 36	9♓50'03	7♉46	14♓36	1♒36	7♏49	20♈30	21°R53	19°R40	6♉58	7°R 5	23°R17	24♏ 8	13♎28	26♒12	F 1
S 2	10 36 33	10°50'10	21°13	16°32	2° 3	7°58	20°43	21♍49	19♍38	7° 0	7♍ 3	23♏11	24° 5	13°35	26°16	S 2
S 3	10 40 29	11°50'15	5♒11	18°29	2°32	8° 7	20°56	21°44	19°35	7° 1	7° 2	23° 3	24° 2	13°41	26°20	S 3
M 4	10 44 26	12°50'18	19°36	20°25	3° 2	8°16	21° 9	21°39	19°32	7° 2	7° 0	22°53	23°59	13°48	26°24	M 4
T 5	10 48 22	13°50'19	4♓24	22°22	3°34	8°23	21°21	21°35	19°30	7° 4	6°59	22°43	23°56	13°55	26°28	T 5
W 6	10 52 19	14°50'19	19°28	24°18	4° 7	8°31	21°34	21°30	19°27	7° 5	6°57	22°32	23°52	14° 1	26°32	W 6
T 7	10 56 16	15°50'16	4♈36	26°13	4°42	8°37	21°47	21°25	19°25	7° 7	6°55	22°24	23°49	14° 8	26°36	T 7
F 8	11 0 12	16°50'12	19°39	28° 8	5°18	8°43	22° 0	21°21	19°22	7° 9	6°54	22°17	23°46	14°15	26°40	F 8
S 9	11 4 9	17°50'05	4♉29	0♈ 1	5°55	8°48	22°13	21°16	19°19	7°10	6°52	22°14	23°43	14°21	26°44	S 9
S 10	11 8 5	18°49'56	18°59	1°53	6°33	8°52	22°27	21°11	19°17	7°12	6°51	22°D12	23°40	14°28	26°48	S 10
M11	11 12 2	19°49'45	3♊ 6	3°42	7°13	8°56	22°40	21° 6	19°14	7°13	6°49	22°13	23°36	14°35	26°52	M11
T 12	11 15 58	20°49'32	16°50	5°29	7°53	8°59	22°53	21° 2	19°12	7°15	6°48	22°R13	23°33	14°41	26°56	T 12
W13	11 19 55	21°49'16	0♋13	7°13	8°35	9° 2	23° 7	20°57	19° 9	7°17	6°46	22°13	23°30	14°48	27° 0	W13
T 14	11 23 51	22°48'59	13°17	8°53	9°18	9° 4	23°20	20°52	19° 6	7°18	6°45	22°11	23°27	14°55	27° 4	T 14
F 15	11 27 48	23°48'38	26° 4	10°30	10° 2	9° 5	23°33	20°47	19° 4	7°20	6°43	22° 6	23°24	15° 2	27° 8	F 15
S 16	11 31 45	24°48'16	8♌38	12° 2	10°46	9°R 5	23°47	20°43	19° 1	7°22	6°42	22° 0	23°21	15° 8	27°12	S 16
S 17	11 35 41	25°47'51	21° 1	13°29	11°32	9° 4	24° 0	20°38	18°58	7°24	6°40	21°51	23°17	15°15	27°16	S 17
M18	11 39 38	26°47'24	3♍14	14°50	12°19	9° 3	24°14	20°33	18°56	7°26	6°39	21°40	23°14	15°22	27°20	M18
T 19	11 43 34	27°46'55	15°19	16° 6	13° 6	9° 1	24°28	20°28	18°53	7°27	6°37	21°30	23°11	15°28	27°23	T 19
W20	11 47 31	28°46'24	27°18	17°16	13°54	8°59	24°41	20°24	18°51	7°29	6°36	21°20	23° 8	15°35	27°27	W20
T 21	11 51 27	29°45'51	9♎11	18°19	14°43	8°55	24°55	20°19	18°48	7°31	6°35	21°11	23° 5	15°42	27°31	T 21
F 22	11 55 24	0♈45'16	21° 1	19°16	15°33	8°51	25° 9	20°14	18°46	7°33	6°33	21° 4	23° 1	15°48	27°35	F 22
S 23	11 59 20	1°44'39	2♏49	20° 5	16°23	8°46	25°23	20°10	18°43	7°35	6°32	21° 0	22°58	15°55	27°38	S 23
S 24	12 3 17	2°44'00	14°39	20°48	17°14	8°40	25°36	20° 5	18°41	7°37	6°30	20°58	22°55	16° 2	27°42	S 24
M25	12 7 14	3°43'19	26°33	21°23	18° 6	8°34	25°50	20° 1	18°38	7°39	6°29	20°D58	22°52	16° 8	27°45	M25
T 26	12 11 10	4°42'36	8♐35	21°51	18°59	8°27	26° 4	19°56	18°36	7°41	6°28	20°59	22°49	16°15	27°49	T 26
W27	12 15 7	5°41'52	20°50	22°11	19°52	8°19	26°18	19°52	18°33	7°43	6°26	21° 1	22°46	16°22	27°53	W27
T 28	12 19 3	6°41'06	3♑23	22°24	20°46	8°10	26°32	19°47	18°31	7°45	6°25	21°R 2	22°42	16°28	27°56	T 28
F 29	12 23 0	7°40'18	16°18	22°R29	21°40	8° 0	26°46	19°43	18°28	7°47	6°24	21° 1	22°39	16°35	28° 0	F 29
S 30	12 26 56	8°39'28	29°40	22°28	22°35	7°50	27° 0	19°38	18°26	7°49	6°22	20°59	22°36	16°42	28° 3	S 30
S 31	12 30 53	9♈38'36	13♒30	22♈19	23♒30	7♏39	27♈14	19♍34	18♍23	7♉51	6♍21	20♏56	22♏33	16♎48	28♒ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s54	19s42	3n33	7s19	1s21	14s12	5n47	12s 0	2n15	7n 1	1s 5	5n26	2n24	4n50	0n49	12n12	1s46	21n43	13n51	18s37	18s50	8s25	7s17	5n51
S 2	7 31	17 34	4 17	6 27	1 14	14 14	5 38	12 4	2 15	7 6	1 5	5 28	2 24	4 52	0 49	12 12	1 46	21 44	13 51	18 36	18 49	8 27	7 16	5 51
S 3	7 8	14 21	4 48	5 34	1 6	14 16	5 30	12 6	2 15	7 11	1 5	5 29	2 24	4 53	0 49	12 13	1 46	21 45	13 51	18 34	18 48	8 29	7 15	5 51
M 4	6 45	10 11	5 2	4 41	0 57	14 18	5 21	12 9	2 15	7 16	1 4	5 31	2 24	4 54	0 49	12 13	1 46	21 45	13 51	18 31	18 48	8 31	7 13	5 52
T 5	6 22	5 19	4 56	3 46	0 48	14 19	5 13	12 12	2 15	7 21	1 4	5 33	2 24	4 55	0 49	12 14	1 46	21 46	13 51	18 29	18 47	8 33	7 12	5 52
W 6	5 59	0 2	4 30	2 51	0 38	14 20	5 4	12 14	2 15	7 26	1 4	5 35	2 24	4 56	0 49	12 14	1 46	21 47	13 51	18 26	18 46	8 35	7 10	5 52
T 7	5 36	5n16	3 45	1 56	0 28	14 20	4 55	12 16	2 15	7 31	1 4	5 37	2 25	4 57	0 49	12 15	1 46	21 47	13 51	18 24	18 45	8 37	7 9	5 52
F 8	5 12	10 14	2 44	1 1	0 17	14 20	4 47	12 18	2 15	7 36	1 4	5 39	2 25	4 58	0 49	12 15	1 46	21 48	13 51	18 22	18 45	8 39	7 7	5 52
S 9	4 49	14 30	1 33	0 5	0 6	14 20	4 38	12 20	2 15	7 41	1 4	5 41	2 25	4 59	0 49	12 16	1 46	21 48	13 51	18 21	18 44	8 41	7 6	5 52
S 10	4 25	17 46	0 17	0n50	0n 5	14 19	4 29	12 21	2 14	7 46	1 4	5 43	2 25	5 0	0 49	12 16	1 45	21 49	13 51	18 21	18 43	8 43	7 5	5 52
M11	4 2	19 52	0s58	1 45	0 18	14 17	4 21	12 23	2 14	7 51	1 3	5 45	2 25	5 1	0 49	12 17	1 45	21 49	13 51	18 21	18 42	8 45	7 3	5 52
T 12	3 38	20 42	2 8	2 38	0 30	14 16	4 12	12 24	2 14	7 56	1 3	5 47	2 25	5 2	0 49	12 18	1 45	21 50	13 51	18 21	18 41	8 47	7 2	5 52
W13	3 15	20 20	3 9	3 31	0 42	14 13	4 4	12 25	2 14	8 1	1 3	5 49	2 25	5 3	0 49	12 18	1 45	21 51	13 51	18 21	18 41	8 49	7 0	5 52
T 14	2 51	18 52	3 58	4 23	0 55	14 10	3 55	12 26	2 14	8 6	1 3	5 51	2 25	5 4	0 49	12 19	1 45	21 51	13 51	18 20	18 40	8 51	6 59	5 52
F 15	2 28	16 28	4 34	5 12	1 8	14 7	3 47	12 26	2 13	8 11	1 3	5 53	2 25	5 5	0 49	12 19	1 45	21 52	13 51	18 19	18 39	8 53	6 58	5 52
S 16	2 4	13 21	4 57	6 0	1 21	14 3	3 38	12 27	2 13	8 16	1 3	5 55	2 25	5 6	0 49	12 20	1 45	21 52	13 51	18 18	18 38	8 55	6 56	5 53
S 17	1 40	9 42	5 5	6 46	1 34	13 59	3 30	12 27	2 13	8 21	1 3	5 56	2 25	5 7	0 49	12 21	1 45	21 53	13 51	18 15	18 37	8 56	6 55	5 53
M18	1 17	5 41	4 59	7 29	1 46	13 54	3 22	12 27	2 12	8 26	1 3	5 58	2 25	5 8	0 49	12 21	1 45	21 53	13 50	18 13	18 37	8 58	6 53	5 53
T 19	0 53	1 30	4 39	8 10	1 58	13 49	3 14	12 27	2 12	8 32	1 2	6 0	2 25	5 9	0 49	12 22	1 45	21 54	13 50	18 10	18 36	9 0	6 52	5 53
W20	0 29	2s43	4 8	8 47	2 10	13 43	3 6	12 26	2 11	8 37	1 2	6 2	2 25	5 10	0 49	12 22	1 45	21 54	13 50	18 7	18 35	9 2	6 51	5 53
T 21	0 6	6 48	3 25	9 22	2 21	13 37	2 57	12 26	2 11	8 42	1 2	6 4	2 25	5 11	0 49	12 23	1 45	21 54	13 50	18 5	18 34	9 4	6 49	5 53
F 22	0n18	10 36	2 34	9 53	2 32	13 30	2 49	12 25	2 10	8 47	1 2	6 6	2 25	5 12	0 49	12 24	1 45	21 55	13 50	18 3	18 33	9 6	6 48	5 53
S 23	0 42	13 59	1 36	10 21	2 41	13 23	2 42	12 24	2 9	8 52	1 2	6 8	2 25	5 13	0 49	12 24	1 45	21 55	13 50	18 2	18 33	9 8	6 46	5 53
S 24	1 5	16 48	0 34	10 45	2 50	13 15	2 34	12 23	2 9	8 57	1 2	6 9	2 25	5 14	0 49	12 25	1 45	21 56	13 50	18 2	18 32	9 10	6 45	5 54
M25	1 29	18 55	0n30	11 6	2 58	13 7	2 26	12 21	2 8	9 2	1 2	6 11	2 25	5 15	0 49	12 26	1 45	21 56	13 50	18 2	18 31	9 12	6 44	5 54
T 26	1 52	20 13	1 34	11 23	3 5	12 58	2 18	12 20	2 7	9 8	1 2	6 13	2 25	5 16	0 49	12 26	1 45	21 57	13 50	18 2	18 30	9 14	6 42	5 54
W27	2 16	20 35	2 35	11 35	3 10	12 48	2 11	12 18	2 7	9 13	1 2	6 15	2 25	5 17	0 49	12 27	1 45	21 57	13 49	18 2	18 29	9 16	6 41	5 54
T 28	2 39	19 56	3 30	11 44	3 15	12 39	2 3	12 16	2 6	9 18	1 1	6 16	2 25	5 18	0 49	12 28	1 45	21 57	13 49	18 2	18 29	9 18	6 40	5 54
F 29	3 3	18 15	4 15	11 49	3 18	12 28	1 56	12 14	2 5	9 23	1 1	6 18	2 25	5 19	0 49	12 28	1 45	21 58	13 49	18 2	18 28	9 20	6 38	5 54
S 30	3 26	15 32	4 49	11 50	3 19	12 18	1 49	12 11	2 4	9 28	1 1	6 20	2 25	5 20	0 48	12 29	1 45	21 58	13 49	18 2	18 27	9 22	6 37	5 55
S 31	3n50	11s53	5n 8	11n47	3n19	12s 6	1n42	12s 9	2n 3	9n33	1s 1	6n22	2n25	5n20	0n48	12n30	1s45	21n58	13n49	18s 1	18s26	9s24	6s36	5n55

Julian Day Number = 2347509.5, Delta T = 10.77 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'50, Lahiri = 19°52'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

APRIL 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 34 49	10♈37'43	27♒48	22°R 4	24♒26	7°R27	27♈28	19°R30	18°R21	7♉53	6°R20	20°R50	22♏30	16♎55	28♒10	M 1
T 2	12 38 46	11°36'48	12♓33	21♈43	25°23	7♏14	27°42	19♍26	18♍19	7°55	6♍19	20♏45	22°27	17° 2	28°13	T 2
W 3	12 42 42	12°35'50	27°36	21°16	26°19	7° 1	27°57	19°21	18°16	7°57	6°17	20°39	22°23	17° 8	28°16	W 3
T 4	12 46 39	13°34'51	12♈51	20°44	27°17	6°47	28°11	19°17	18°14	7°59	6°16	20°34	22°20	17°15	28°20	T 4
F 5	12 50 36	14°33'50	28° 5	20° 8	28°15	6°32	28°25	19°13	18°12	8° 1	6°15	20°30	22°17	17°22	28°23	F 5
S 6	12 54 32	15°32'47	13♉ 9	19°29	29°13	6°17	28°39	19° 9	18°10	8° 3	6°14	20°29	22°14	17°28	28°26	S 6
S 7	12 58 29	16°31'42	27°55	18°46	0♓11	6° 1	28°53	19° 5	18° 7	8° 5	6°13	20°D29	22°11	17°35	28°29	S 7
M 8	13 2 25	17°30'34	12♊17	18° 2	1°10	5°44	29° 8	19° 1	18° 5	8° 7	6°12	20°30	22° 7	17°42	28°32	M 8
T 9	13 6 22	18°29'25	26°13	17°17	2°10	5°27	29°22	18°57	18° 3	8° 9	6°11	20°31	22° 4	17°48	28°36	T 9
W10	13 10 18	19°28'13	9♋44	16°32	3° 9	5° 9	29°36	18°54	18° 1	8°12	6°10	20°33	22° 1	17°55	28°39	W10
T 11	13 14 15	20°26'58	22°50	15°47	4° 9	4°50	29°50	18°50	17°59	8°14	6° 9	20°R33	21°58	18° 2	28°42	T 11
F 12	13 18 11	21°25'42	5♌36	15° 4	5°10	4°31	0♉ 5	18°46	17°57	8°16	6° 8	20°32	21°55	18° 8	28°44	F 12
S 13	13 22 8	22°24'23	18° 4	14°24	6°10	4°12	0°19	18°43	17°55	8°18	6° 7	20°30	21°52	18°15	28°47	S 13
S 14	13 26 5	23°23'02	0♍18	13°46	7°11	3°52	0°33	18°39	17°53	8°20	6° 6	20°27	21°48	18°22	28°50	S 14
M15	13 30 1	24°21'38	12°22	13°11	8°13	3°32	0°48	18°36	17°51	8°23	6° 5	20°22	21°45	18°28	28°53	M15
T 16	13 33 58	25°20'13	24°19	12°41	9°14	3°11	1° 2	18°33	17°49	8°25	6° 4	20°18	21°42	18°35	28°56	T 16
W17	13 37 54	26°18'45	6♎11	12°14	10°16	2°50	1°16	18°29	17°47	8°27	6° 3	20°14	21°39	18°42	28°58	W17
T 18	13 41 51	27°17'16	18° 1	11°53	11°19	2°29	1°31	18°26	17°45	8°29	6° 2	20°10	21°36	18°48	29° 1	T 18
F 19	13 45 47	28°15'44	29°50	11°36	12°21	2° 7	1°45	18°23	17°43	8°31	6° 1	20° 8	21°32	18°55	29° 4	F 19
S 20	13 49 44	29°14'11	11♏40	11°24	13°24	1°45	1°59	18°20	17°42	8°34	6° 0	20° 7	21°29	19° 2	29° 6	S 20
S 21	13 53 40	0♉12'36	23°35	11°17	14°27	1°23	2°14	18°17	17°40	8°36	5°59	20°D 7	21°26	19° 8	29° 9	S 21
M22	13 57 37	1°10'59	5♐36	11°D15	15°30	1° 1	2°28	18°14	17°38	8°38	5°59	20° 7	21°23	19°15	29°11	M22
T 23	14 1 34	2° 9'21	17°46	11°18	16°34	0°38	2°43	18°12	17°37	8°40	5°58	20° 8	21°20	19°22	29°14	T 23
W24	14 5 30	3° 7'40	0♑ 8	11°26	17°37	0°16	2°57	18° 9	17°35	8°43	5°57	20°10	21°17	19°28	29°16	W24
T 25	14 9 27	4° 5'59	12°45	11°39	18°41	29♎53	3°11	18° 6	17°33	8°45	5°57	20°11	21°13	19°35	29°18	T 25
F 26	14 13 23	5° 4'15	25°41	11°56	19°46	29°31	3°26	18° 4	17°32	8°47	5°56	20°12	21°10	19°42	29°21	F 26
S 27	14 17 20	6° 2'31	8♒59	12°18	20°50	29° 9	3°40	18° 1	17°30	8°49	5°55	20°R12	21° 7	19°48	29°23	S 27
S 28	14 21 16	7° 0'44	22°40	12°45	21°55	28°47	3°54	17°59	17°29	8°52	5°55	20°12	21° 4	19°55	29°25	S 28
M29	14 25 13	7°58'56	6♓47	13°15	22°59	28°24	4° 9	17°57	17°28	8°54	5°54	20°11	21° 1	20° 2	29°27	M29
T 30	14 29 9	8♉57'07	21♓17	13♈50	24♓ 4	28♎ 3	4♉23	17♍55	17♍26	8♉56	5♍54	20♏ 9	20♏58	20♎ 8	29♒29	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n13	7s26	5n 8	11n40	3n18	11s55	1n35	12s 6	2n 2	9n38	1s 1	6n23	2n25	5n21	0n48	12n30	1s45	21n59	13n49	18s 0	18s25	9s25	6s34	5n55
T 2	4 36	2 25	4 48	11 29	3 14	11 42	1 28	12 3	2 1	9 44	1 1	6 25	2 25	5 22	0 48	12 31	1 45	21 59	13 48	17 58	18 24	9 27	6 33	5 55
W 3	4 59	2n51	4 9	11 14	3 9	11 30	1 21	12 0	1 59	9 49	1 1	6 26	2 25	5 23	0 48	12 32	1 45	21 59	13 48	17 56	18 24	9 29	6 32	5 55
T 4	5 22	8 0	3 11	10 56	3 3	11 17	1 14	11 56	1 58	9 54	1 1	6 28	2 25	5 24	0 48	12 32	1 45	22 0	13 48	17 55	18 23	9 31	6 30	5 56
F 5	5 45	12 40	1 59	10 35	2 55	11 3	1 7	11 53	1 57	9 59	1 1	6 29	2 25	5 25	0 48	12 33	1 45	22 0	13 48	17 54	18 22	9 33	6 29	5 56
S 6	6 8	16 27	0 40	10 11	2 45	10 49	1 1	11 49	1 55	10 4	1 1	6 31	2 25	5 26	0 48	12 34	1 45	22 0	13 48	17 54	18 21	9 35	6 28	5 56
S 7	6 30	19 4	0s41	9 45	2 34	10 35	0 54	11 45	1 54	10 9	1 1	6 32	2 25	5 27	0 48	12 35	1 45	22 0	13 47	17 54	18 20	9 37	6 27	5 56
M 8	6 53	20 22	1 56	9 17	2 22	10 20	0 48	11 41	1 52	10 14	1 0	6 34	2 25	5 27	0 48	12 35	1 44	22 1	13 47	17 54	18 20	9 39	6 25	5 56
T 9	7 15	20 22	3 3	8 47	2 9	10 5	0 42	11 37	1 51	10 19	1 0	6 35	2 24	5 28	0 48	12 36	1 44	22 1	13 47	17 54	18 19	9 41	6 24	5 57
W10	7 38	19 10	3 58	8 16	1 54	9 49	0 35	11 32	1 49	10 24	1 0	6 37	2 24	5 29	0 48	12 37	1 44	22 1	13 47	17 55	18 18	9 43	6 23	5 57
T 11	8 0	16 58	4 38	7 45	1 39	9 33	0 29	11 28	1 48	10 30	1 0	6 38	2 24	5 30	0 48	12 37	1 44	22 1	13 47	17 55	18 17	9 44	6 22	5 57
F 12	8 22	14 0	5 3	7 13	1 23	9 16	0 23	11 23	1 46	10 35	1 0	6 39	2 24	5 31	0 48	12 38	1 44	22 1	13 46	17 55	18 16	9 46	6 20	5 57
S 13	8 44	10 28	5 13	6 43	1 7	8 59	0 18	11 18	1 44	10 40	1 0	6 41	2 24	5 31	0 48	12 39	1 44	22 1	13 46	17 54	18 15	9 48	6 19	5 58
S 14	9 6	6 34	5 9	6 12	0 50	8 42	0 12	11 13	1 42	10 45	1 0	6 42	2 24	5 32	0 48	12 40	1 44	22 2	13 46	17 53	18 15	9 50	6 18	5 58
M15	9 27	2 27	4 51	5 44	0 33	8 24	0 6	11 8	1 40	10 50	1 0	6 43	2 24	5 33	0 48	12 40	1 44	22 2	13 46	17 52	18 14	9 52	6 17	5 58
T 16	9 49	1s43	4 20	5 16	0 17	8 6	0 1	11 3	1 38	10 55	1 0	6 44	2 24	5 34	0 48	12 41	1 44	22 2	13 45	17 51	18 13	9 54	6 16	5 58
W17	10 10	5 48	3 39	4 51	0 0	7 48	0s 5	10 58	1 36	11 0	1 0	6 46	2 24	5 34	0 48	12 42	1 44	22 2	13 45	17 50	18 12	9 56	6 14	5 59
T 18	10 31	9 39	2 48	4 28	0s16	7 29	0 10	10 53	1 34	11 5	1 0	6 47	2 23	5 35	0 48	12 42	1 44	22 2	13 45	17 49	18 11	9 57	6 13	5 59
F 19	10 52	13 8	1 50	4 7	0 32	7 10	0 15	10 47	1 32	11 10	1 0	6 48	2 23	5 36	0 48	12 43	1 44	22 2	13 45	17 48	18 11	9 59	6 12	5 59
S 20	11 13	16 6	0 46	3 48	0 47	6 51	0 20	10 42	1 30	11 15	1 0	6 49	2 23	5 36	0 48	12 44	1 44	22 2	13 44	17 48	18 10	10 1	6 11	5 59
S 21	11 34	18 23	0n19	3 32	1 1	6 31	0 25	10 36	1 28	11 20	1 0	6 50	2 23	5 37	0 48	12 45	1 44	22 2	13 44	17 48	18 9	10 3	6 10	6 0
M22	11 54	19 53	1 25	3 18	1 15	6 11	0 30	10 31	1 25	11 25	1 0	6 51	2 23	5 38	0 48	12 45	1 44	22 2	13 44	17 48	18 8	10 5	6 9	6 0
T 23	12 14	20 28	2 27	3 8	1 28	5 50	0 34	10 25	1 23	11 30	1 0	6 52	2 23	5 38	0 48	12 46	1 44	22 2	13 43	17 48	18 7	10 7	6 8	6 0
W24	12 34	20 5	3 24	2 59	1 40	5 30	0 39	10 19	1 21	11 35	0 59	6 53	2 23	5 39	0 48	12 47	1 44	22 2	13 43	17 49	18 6	10 9	6 7	6 1
T 25	12 54	18 41	4 12	2 54	1 52	5 9	0 43	10 14	1 18	11 40	0 59	6 54	2 23	5 39	0 48	12 47	1 44	22 2	13 43	17 49	18 6	10 10	6 5	6 1
F 26	13 14	16 19	4 48	2 51	2 3	4 48	0 48	10 8	1 16	11 45	0 59	6 55	2 22	5 40	0 48	12 48	1 44	22 2	13 43	17 49	18 5	10 12	6 4	6 1
S 27	13 33	13 2	5 11	2 50	2 13	4 26	0 52	10 3	1 13	11 50	0 59	6 55	2 22	5 41	0 48	12 49	1 44	22 2	13 42	17 49	18 4	10 14	6 3	6 1
S 28	13 52	8 59	5 17	2 52	2 22	4 4	0 56	9 57	1 11	11 55	0 59	6 56	2 22	5 41	0 48	12 50	1 44	22 2	13 42	17 49	18 3	10 16	6 2	6 2
M29	14 11	4 20	5 4	2 56	2 30	3 42	1 0	9 52	1 8	11 59	0 59	6 57	2 22	5 42	0 48	12 50	1 44	22 2	13 42	17 49	18 2	10 18	6 1	6 2
T 30	14n30	0n42	4n32	3n 3	2s37	3s20	1s 4	9s47	1n 5	12n 4	0s59	6n58	2n22	5n42	0n48	12n51	1s44	22n 2	13n41	17s49	18s 1	10s20	6s 0	6n 2

Julian Day Number = 2347540.5, Delta T = 10.76 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'55, Lahiri = 19°52'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

MAY 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 33 6	9♉55'16	6♈ 6	14♈28	25♓10	27°R41	4♉37	17°R53	17°R25	8♉58	5°R53	20°R 8	20♏54	20♎15	29♒31	W 1
T 2	14 37 3	10°53'24	21° 9	15°11	26°15	27♎20	4°52	17♍51	17♍24	9° 1	5♍53	20♏ 7	20°51	20°22	29°33	T 2
F 3	14 40 59	11°51'30	6♉16	15°57	27°20	26°59	5° 6	17°49	17°23	9° 3	5°52	20° 7	20°48	20°28	29°35	F 3
S 4	14 44 56	12°49'35	21°20	16°46	28°26	26°38	5°20	17°47	17°21	9° 5	5°52	20°D 6	20°45	20°35	29°37	S 4
S 5	14 48 52	13°47'38	6♊10	17°39	29°32	26°18	5°35	17°46	17°20	9° 7	5°51	20° 7	20°42	20°42	29°39	S 5
M 6	14 52 49	14°45'39	20°41	18°35	0♈38	25°58	5°49	17°44	17°19	9°10	5°51	20° 7	20°38	20°48	29°41	M 6
T 7	14 56 45	15°43'39	4♋47	19°34	1°44	25°39	6° 3	17°43	17°18	9°12	5°51	20° 8	20°35	20°55	29°42	T 7
W 8	15 0 42	16°41'36	18°26	20°36	2°51	25°21	6°17	17°41	17°17	9°14	5°50	20° 8	20°32	21° 2	29°44	W 8
T 9	15 4 38	17°39'32	1♌40	21°41	3°57	25° 2	6°32	17°40	17°16	9°16	5°50	20° 8	20°29	21° 8	29°45	T 9
F 10	15 8 35	18°37'26	14°29	22°48	5° 4	24°45	6°46	17°39	17°16	9°19	5°50	20°R 8	20°26	21°15	29°47	F 10
S 11	15 12 32	19°35'18	26°59	23°59	6°10	24°28	7° 0	17°38	17°15	9°21	5°50	20°D 8	20°23	21°22	29°48	S 11
S 12	15 16 28	20°33'08	9♍12	25°12	7°17	24°12	7°14	17°37	17°14	9°23	5°49	20° 8	20°19	21°28	29°50	S 12
M13	15 20 25	21°30'57	21°12	26°27	8°24	23°56	7°28	17°36	17°13	9°25	5°49	20° 8	20°16	21°35	29°51	M13
T 14	15 24 21	22°28'44	3♎ 5	27°46	9°31	23°42	7°42	17°35	17°13	9°28	5°49	20° 8	20°13	21°42	29°52	T 14
W15	15 28 18	23°26'29	14°55	29° 6	10°38	23°28	7°56	17°35	17°12	9°30	5°49	20° 9	20°10	21°48	29°54	W15
T 16	15 32 14	24°24'13	26°43	0♉29	11°46	23°14	8°10	17°34	17°12	9°32	5°49	20° 9	20° 7	21°55	29°55	T 16
F 17	15 36 11	25°21'55	8♏34	1°55	12°53	23° 2	8°25	17°34	17°11	9°34	5°49	20°10	20° 4	22° 2	29°56	F 17
S 18	15 40 7	26°19'36	20°31	3°23	14° 1	22°50	8°39	17°33	17°11	9°36	5°D49	20°R10	20° 0	22° 8	29°57	S 18
S 19	15 44 4	27°17'16	2♐34	4°53	15° 8	22°39	8°52	17°33	17°10	9°39	5°49	20° 9	19°57	22°15	29°58	S 19
M20	15 48 1	28°14'54	14°47	6°26	16°16	22°28	9° 6	17°33	17°10	9°41	5°49	20° 9	19°54	22°22	29°59	M20
T 21	15 51 57	29°12'31	27°11	8° 1	17°24	22°19	9°20	17°D33	17°10	9°43	5°49	20° 8	19°51	22°28	29°59	T 21
W22	15 55 54	0♊10'07	9♑47	9°38	18°32	22°10	9°34	17°33	17°10	9°45	5°49	20° 7	19°48	22°35	0♓ 1	W22
T 23	15 59 50	1° 7'42	22°38	11°17	19°40	22° 2	9°48	17°33	17° 9	9°47	5°49	20° 5	19°44	22°42	0° 1	T 23
F 24	16 3 47	2° 5'17	5♒43	12°59	20°49	21°55	10° 2	17°33	17° 9	9°49	5°49	20° 4	19°41	22°48	0° 2	F 24
S 25	16 7 43	3° 2'50	19° 5	14°43	21°57	21°49	10°16	17°34	17° 9	9°51	5°50	20° 3	19°38	22°55	0° 3	S 25
S 26	16 11 40	4° 0'22	2♓45	16°30	23° 5	21°43	10°29	17°34	17°D 9	9°53	5°50	20°D 3	19°35	23° 2	0° 3	S 26
M27	16 15 36	4°57'53	16°42	18°19	24°14	21°39	10°43	17°35	17° 9	9°56	5°50	20° 3	19°32	23° 8	0° 4	M27
T 28	16 19 33	5°55'24	0♈57	20°10	25°23	21°35	10°57	17°36	17° 9	9°58	5°50	20° 4	19°29	23°15	0° 4	T 28
W29	16 23 30	6°52'54	15°27	22° 3	26°31	21°32	11°10	17°36	17° 9	10° 0	5°51	20° 5	19°25	23°22	0° 5	W29
T 30	16 27 26	7°50'23	0♉ 9	23°59	27°40	21°29	11°24	17°37	17°10	10° 2	5°51	20° 6	19°22	23°28	0° 5	T 30
F 31	16 31 23	8♊47'51	14♉57	25♉56	28♈49	21♎28	11♉37	17♍38	17♍10	10♉ 4	5♍51	20°R 7	19♏19	23♎35	0♓ 5	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n49	5n48	3n41	3n12	2s44	2s58	1s 8	9s41	1n 3	12n 9	0s59	6n58	2n22	5n43	0n48	12n52	1s44	22n 2	13n41	17s48	18s 1	10s21	5s59	6n 3
T 2	15 7	10 38	2 34	3 22	2 50	2 35	1 11	9 36	1 0	12 14	0 59	6 59	2 21	5 43	0 48	12 52	1 44	22 2	13 41	17 48	18 0	10 23	5 58	6 3
F 3	15 25	14 50	1 16	3 35	2 55	2 12	1 15	9 31	0 57	12 19	0 59	6 59	2 21	5 43	0 48	12 53	1 44	22 2	13 40	17 48	17 59	10 25	5 58	6 3
S 4	15 43	18 1	0s 7	3 50	2 59	1 49	1 18	9 26	0 55	12 24	0 59	7 0	2 21	5 44	0 47	12 54	1 44	22 2	13 40	17 48	17 58	10 27	5 57	6 4
S 5	16 0	19 55	1 28	4 7	3 3	1 26	1 22	9 21	0 52	12 28	0 59	7 0	2 21	5 44	0 47	12 55	1 44	22 1	13 40	17 48	17 57	10 29	5 56	6 4
M 6	16 17	20 27	2 42	4 26	3 6	1 3	1 25	9 17	0 49	12 33	0 59	7 1	2 21	5 45	0 47	12 55	1 44	22 1	13 39	17 48	17 56	10 31	5 55	6 4
T 7	16 34	19 40	3 44	4 46	3 8	0 39	1 28	9 12	0 47	12 38	0 59	7 1	2 21	5 45	0 47	12 56	1 44	22 1	13 39	17 48	17 55	10 32	5 54	6 4
W 8	16 51	17 44	4 31	5 8	3 9	0 15	1 31	9 8	0 44	12 43	0 59	7 2	2 20	5 45	0 47	12 57	1 44	22 1	13 39	17 48	17 55	10 34	5 53	6 5
T 9	17 7	14 55	5 1	5 32	3 10	0n 8	1 34	9 4	0 41	12 47	0 59	7 2	2 20	5 46	0 47	12 57	1 44	22 1	13 38	17 48	17 54	10 36	5 52	6 5
F 10	17 24	11 28	5 16	5 57	3 10	0 32	1 36	9 0	0 38	12 52	0 59	7 2	2 20	5 46	0 47	12 58	1 44	22 0	13 38	17 48	17 53	10 38	5 51	6 5
S 11	17 39	7 35	5 16	6 23	3 9	0 56	1 39	8 57	0 36	12 57	0 59	7 3	2 20	5 46	0 47	12 59	1 44	22 0	13 38	17 48	17 52	10 40	5 51	6 6
S 12	17 55	3 29	5 0	6 51	3 8	1 21	1 41	8 53	0 33	13 1	0 59	7 3	2 20	5 46	0 47	13 0	1 44	22 0	13 37	17 48	17 51	10 41	5 50	6 6
M13	18 10	0s41	4 32	7 20	3 6	1 45	1 44	8 50	0 30	13 6	0 59	7 3	2 20	5 47	0 47	13 0	1 44	22 0	13 37	17 48	17 50	10 43	5 49	6 6
T 14	18 25	4 47	3 53	7 50	3 3	2 9	1 46	8 47	0 28	13 10	0 59	7 3	2 19	5 47	0 47	13 1	1 44	22 0	13 37	17 48	17 50	10 45	5 48	6 7
W15	18 40	8 42	3 4	8 22	3 0	2 34	1 48	8 44	0 25	13 15	0 59	7 3	2 19	5 47	0 47	13 2	1 44	21 59	13 36	17 48	17 49	10 47	5 48	6 7
T 16	18 54	12 17	2 7	8 55	2 56	2 58	1 50	8 42	0 22	13 19	0 59	7 3	2 19	5 47	0 47	13 2	1 44	21 59	13 36	17 48	17 48	10 49	5 47	6 7
F 17	19 8	15 23	1 4	9 28	2 52	3 23	1 52	8 39	0 20	13 24	0 59	7 3	2 19	5 47	0 47	13 3	1 44	21 59	13 36	17 49	17 47	10 50	5 46	6 8
S 18	19 22	17 52	0n 2	10 3	2 47	3 47	1 54	8 38	0 17	13 28	0 59	7 3	2 19	5 47	0 47	13 4	1 44	21 58	13 35	17 49	17 46	10 52	5 45	6 8
S 19	19 35	19 35	1 8	10 38	2 41	4 12	1 55	8 36	0 15	13 33	0 59	7 3	2 18	5 48	0 47	13 4	1 44	21 58	13 35	17 49	17 45	10 54	5 45	6 8
M20	19 48	20 25	2 13	11 14	2 35	4 36	1 57	8 34	0 12	13 37	0 59	7 3	2 18	5 48	0 47	13 5	1 44	21 58	13 35	17 48	17 44	10 56	5 44	6 9
T 21	20 1	20 15	3 11	11 51	2 29	5 1	1 59	8 33	0 9	13 42	0 59	7 3	2 18	5 48	0 47	13 6	1 44	21 57	13 34	17 48	17 44	10 57	5 44	6 9
W22	20 13	19 6	4 2	12 29	2 22	5 26	2 0	8 32	0 7	13 46	0 59	7 2	2 18	5 48	0 47	13 6	1 44	21 57	13 34	17 48	17 43	10 59	5 43	6 9
T 23	20 25	16 57	4 41	13 7	2 14	5 50	2 1	8 32	0 4	13 51	0 59	7 2	2 18	5 48	0 47	13 7	1 44	21 57	13 34	17 47	17 42	11 1	5 42	6 10
F 24	20 37	13 54	5 7	13 45	2 6	6 15	2 2	8 31	0 2	13 55	0 59	7 2	2 17	5 48	0 47	13 8	1 44	21 56	13 33	17 47	17 41	11 3	5 42	6 10
S 25	20 48	10 6	5 17	14 24	1 58	6 39	2 3	8 31	0s 0	13 59	0 59	7 2	2 17	5 48	0 47	13 8	1 44	21 56	13 33	17 47	17 40	11 4	5 41	6 10
S 26	20 59	5 42	5 9	15 3	1 49	7 4	2 4	8 31	0 3	14 3	0 59	7 1	2 17	5 48	0 47	13 9	1 45	21 55	13 33	17 47	17 39	11 6	5 41	6 11
M27	21 9	0 54	4 43	15 43	1 40	7 28	2 5	8 32	0 5	14 8	0 59	7 1	2 17	5 48	0 47	13 10	1 45	21 55	13 32	17 47	17 38	11 8	5 40	6 11
T 28	21 20	4n 3	4 0	16 22	1 30	7 53	2 6	8 32	0 8	14 12	0 59	7 0	2 17	5 48	0 46	13 10	1 45	21 54	13 32	17 47	17 38	11 10	5 40	6 11
W29	21 29	8 52	3 0	17 1	1 20	8 17	2 6	8 33	0 10	14 16	0 59	7 0	2 17	5 48	0 46	13 11	1 45	21 54	13 32	17 47	17 37	11 11	5 39	6 12
T 30	21 39	13 14	1 48	17 40	1 10	8 41	2 7	8 35	0 12	14 20	0 59	6 59	2 16	5 47	0 46	13 11	1 45	21 54	13 31	17 48	17 36	11 13	5 39	6 12
F 31	21n48	16n48	0n29	18n18	1s 0	9n 5	2s 7	8s36	0s14	14n24	0s59	6n59	2n16	5n47	0n46	13n12	1s45	21n53	13n31	17s48	17s35	11s15	5s39	6n12

Julian Day Number = 2347570.5, Delta T = 10.75 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°45'59, Lahiri = 19°52'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

JUNE 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 35 19	9♊45'19	29♉44	27♉56	29♈58	21°D27	11♉51	17♍39	17♍10	10♉ 6	5♍52	20°R 7	19♏16	23♎42	0♓ 5	S 1
S 2	16 39 16	10°42'46	14♊24	29°58	1♉ 7	21♎27	12° 4	17°41	17°11	10° 8	5°52	20♏ 5	19°13	23°48	0° 6	S 2
M 3	16 43 12	11°40'11	28°49	2♊ 1	2°16	21°28	12°18	17°42	17°11	10°10	5°53	20° 3	19°10	23°55	0° 6	M 3
T 4	16 47 9	12°37'36	12♋55	4° 7	3°25	21°30	12°31	17°43	17°11	10°12	5°53	20° 0	19° 6	24° 1	0°R 6	T 4
W 5	16 51 5	13°35'00	26°37	6°14	4°34	21°33	12°44	17°45	17°12	10°14	5°54	19°57	19° 3	24° 8	0° 6	W 5
T 6	16 55 2	14°32'23	9♌55	8°22	5°44	21°36	12°57	17°47	17°13	10°16	5°54	19°54	19° 0	24°15	0° 6	T 6
F 7	16 58 59	15°29'45	22°48	10°32	6°53	21°40	13°11	17°48	17°13	10°18	5°55	19°51	18°57	24°21	0° 5	F 7
S 8	17 2 55	16°27'05	5♍20	12°43	8° 3	21°45	13°24	17°50	17°14	10°20	5°56	19°50	18°54	24°28	0° 5	S 8
S 9	17 6 52	17°24'25	17°35	14°54	9°12	21°51	13°37	17°52	17°15	10°21	5°56	19°D49	18°50	24°35	0° 5	S 9
M10	17 10 48	18°21'44	29°36	17° 6	10°22	21°57	13°50	17°54	17°15	10°23	5°57	19°50	18°47	24°41	0° 5	M10
T 11	17 14 45	19°19'01	11♎28	19°18	11°31	22° 4	14° 3	17°56	17°16	10°25	5°58	19°51	18°44	24°48	0° 4	T 11
W12	17 18 41	20°16'18	23°17	21°29	12°41	22°12	14°16	17°58	17°17	10°27	5°58	19°53	18°41	24°55	0° 4	W12
T 13	17 22 38	21°13'34	5♏ 7	23°41	13°51	22°20	14°28	18° 1	17°18	10°29	5°59	19°54	18°38	25° 1	0° 3	T 13
F 14	17 26 34	22°10'50	17° 1	25°52	15° 1	22°29	14°41	18° 3	17°19	10°31	6° 0	19°R55	18°35	25° 8	0° 3	F 14
S 15	17 30 31	23° 8'04	29° 5	28° 2	16°11	22°39	14°54	18° 6	17°20	10°32	6° 1	19°55	18°31	25°15	0° 2	S 15
S 16	17 34 28	24° 5'18	11♐20	0♋11	17°21	22°50	15° 7	18° 8	17°21	10°34	6° 2	19°53	18°28	25°21	0° 1	S 16
M17	17 38 24	25° 2'32	23°48	2°18	18°31	23° 1	15°19	18°11	17°22	10°36	6° 3	19°49	18°25	25°28	0° 1	M17
T 18	17 42 21	25°59'45	6♑30	4°24	19°41	23°13	15°32	18°14	17°24	10°38	6° 4	19°44	18°22	25°35	29♒59	T 18
W19	17 46 17	26°56'58	19°27	6°29	20°51	23°25	15°44	18°16	17°25	10°39	6° 5	19°39	18°19	25°41	29°59	W19
T 20	17 50 14	27°54'11	2♒37	8°32	22° 1	23°38	15°56	18°19	17°26	10°41	6° 5	19°32	18°16	25°48	29°58	T 20
F 21	17 54 10	28°51'23	16° 2	10°33	23°12	23°52	16° 9	18°22	17°27	10°43	6° 6	19°27	18°12	25°55	29°57	F 21
S 22	17 58 7	29°48'35	29°38	12°32	24°22	24° 6	16°21	18°26	17°29	10°44	6° 8	19°22	18° 9	26° 1	29°56	S 22
S 23	18 2 3	0♋45'47	13♓25	14°29	25°33	24°21	16°33	18°29	17°30	10°46	6° 9	19°19	18° 6	26° 8	29°55	S 23
M24	18 6 0	1°42'59	27°23	16°24	26°43	24°36	16°45	18°32	17°32	10°48	6°10	19°D18	18° 3	26°15	29°54	M24
T 25	18 9 57	2°40'11	11♈29	18°17	27°54	24°52	16°57	18°35	17°33	10°49	6°11	19°18	18° 0	26°21	29°52	T 25
W26	18 13 53	3°37'24	25°44	20° 7	29° 4	25° 9	17° 9	18°39	17°35	10°51	6°12	19°19	17°56	26°28	29°51	W26
T 27	18 17 50	4°34'36	10♉ 4	21°56	0♊15	25°26	17°21	18°43	17°37	10°52	6°13	19°20	17°53	26°35	29°50	T 27
F 28	18 21 46	5°31'49	24°27	23°43	1°26	25°43	17°33	18°46	17°38	10°54	6°14	19°R20	17°50	26°41	29°49	F 28
S 29	18 25 43	6°29'02	8♊50	25°27	2°36	26° 1	17°44	18°50	17°40	10°55	6°15	19°19	17°47	26°48	29°47	S 29
S 30	18 29 39	7♋26'15	23♊ 9	27♋10	3♊47	26♎20	17♉56	18♍54	17♍42	10♉57	6♍17	19♏15	17♏44	26♎55	29♒46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n57	19n16	0s53	18n56	0s49	9n29	2s 8	8s38	0s17	14n29	0s59	6n58	2n16	5n47	0n46	13n13	1s45	21n53	13n30	17s48	17s34	11s17	5s38	6n13
S 2	22 5	20 24	2 10	19 33	0 38	9 53	2 8	8 40	0 19	14 33	0 59	6 57	2 16	5 47	0 46	13 13	1 45	21 52	13 30	17 47	17 33	11 18	5 38	6 13
M 3	22 13	20 11	3 18	20 9	0 27	10 16	2 8	8 42	0 21	14 37	0 59	6 57	2 16	5 47	0 46	13 14	1 45	21 52	13 30	17 47	17 32	11 20	5 37	6 13
T 4	22 21	18 41	4 11	20 44	0 16	10 40	2 8	8 45	0 23	14 41	0 59	6 56	2 15	5 47	0 46	13 14	1 45	21 51	13 29	17 46	17 31	11 22	5 37	6 14
W 5	22 28	16 8	4 49	21 17	0 5	11 3	2 8	8 48	0 25	14 45	0 59	6 55	2 15	5 46	0 46	13 15	1 45	21 51	13 29	17 45	17 31	11 24	5 37	6 14
T 6	22 35	12 49	5 10	21 49	0n 5	11 26	2 8	8 51	0 27	14 49	0 59	6 54	2 15	5 46	0 46	13 16	1 45	21 50	13 29	17 44	17 30	11 25	5 37	6 14
F 7	22 41	8 59	5 14	22 19	0 16	11 49	2 8	8 54	0 29	14 53	0 59	6 54	2 15	5 46	0 46	13 16	1 45	21 50	13 28	17 44	17 29	11 27	5 36	6 15
S 8	22 47	4 52	5 3	22 47	0 26	12 12	2 7	8 58	0 31	14 57	0 59	6 53	2 15	5 45	0 46	13 17	1 45	21 49	13 28	17 43	17 28	11 29	5 36	6 15
S 9	22 53	0 38	4 39	23 13	0 36	12 35	2 7	9 2	0 33	15 0	0 59	6 52	2 14	5 45	0 46	13 17	1 45	21 48	13 28	17 43	17 27	11 30	5 36	6 15
M10	22 58	3s32	4 2	23 37	0 46	12 57	2 6	9 6	0 35	15 4	0 59	6 51	2 14	5 45	0 46	13 18	1 45	21 48	13 27	17 43	17 26	11 32	5 36	6 16
T 11	23 3	7 32	3 16	23 57	0 55	13 19	2 6	9 10	0 37	15 8	0 59	6 50	2 14	5 44	0 46	13 18	1 45	21 47	13 27	17 44	17 25	11 34	5 35	6 16
W12	23 7	11 14	2 21	24 16	1 4	13 41	2 5	9 15	0 39	15 12	0 59	6 49	2 14	5 44	0 46	13 19	1 45	21 47	13 27	17 44	17 24	11 36	5 35	6 16
T 13	23 11	14 30	1 20	24 31	1 12	14 3	2 4	9 20	0 40	15 16	0 59	6 48	2 14	5 44	0 46	13 19	1 45	21 46	13 26	17 44	17 24	11 37	5 35	6 17
F 14	23 15	17 12	0 16	24 44	1 20	14 24	2 3	9 25	0 42	15 19	0 59	6 47	2 13	5 43	0 46	13 20	1 45	21 45	13 26	17 45	17 23	11 39	5 35	6 17
S 15	23 18	19 10	0n50	24 54	1 26	14 45	2 2	9 30	0 44	15 23	0 59	6 45	2 13	5 43	0 46	13 20	1 45	21 45	13 26	17 45	17 22	11 41	5 35	6 17
S 16	23 21	20 17	1 54	25 1	1 33	15 6	2 1	9 36	0 45	15 27	0 59	6 44	2 13	5 42	0 46	13 21	1 45	21 44	13 25	17 44	17 21	11 42	5 35	6 18
M17	23 23	20 26	2 54	25 5	1 38	15 26	2 0	9 41	0 47	15 30	0 59	6 43	2 13	5 42	0 46	13 21	1 45	21 44	13 25	17 43	17 20	11 44	5 35	6 18
T 18	23 25	19 32	3 47	25 7	1 43	15 46	1 59	9 47	0 49	15 34	1 0	6 42	2 13	5 41	0 46	13 22	1 45	21 43	13 25	17 42	17 19	11 46	5 35	6 18
W19	23 26	17 38	4 29	25 6	1 47	16 6	1 58	9 53	0 50	15 37	1 0	6 40	2 12	5 41	0 46	13 22	1 45	21 42	13 24	17 40	17 18	11 47	5 35	6 19
T 20	23 27	14 47	4 57	25 2	1 50	16 25	1 56	10 0	0 52	15 41	1 0	6 39	2 12	5 40	0 45	13 23	1 45	21 42	13 24	17 39	17 17	11 49	5 35	6 19
F 21	23 28	11 7	5 10	24 56	1 53	16 45	1 55	10 6	0 53	15 44	1 0	6 38	2 12	5 40	0 45	13 23	1 45	21 41	13 24	17 37	17 17	11 51	5 35	6 19
S 22	23 28	6 51	5 5	24 47	1 55	17 3	1 54	10 13	0 55	15 48	1 0	6 36	2 12	5 39	0 45	13 24	1 45	21 40	13 24	17 36	17 16	11 52	5 35	6 19
S 23	23 28	2 10	4 43	24 36	1 56	17 22	1 52	10 20	0 56	15 51	1 0	6 35	2 12	5 38	0 45	13 24	1 45	21 40	13 23	17 35	17 15	11 54	5 35	6 20
M24	23 28	2n42	4 5	24 23	1 56	17 40	1 50	10 27	0 58	15 55	1 0	6 34	2 12	5 38	0 45	13 25	1 46	21 39	13 23	17 35	17 14	11 56	5 35	6 20
T 25	23 27	7 28	3 11	24 8	1 56	17 57	1 49	10 34	0 59	15 58	1 0	6 32	2 11	5 37	0 45	13 25	1 46	21 38	13 23	17 35	17 13	11 57	5 35	6 20
W26	23 25	11 53	2 4	23 51	1 55	18 14	1 47	10 41	1 1	16 1	1 0	6 30	2 11	5 36	0 45	13 26	1 46	21 38	13 22	17 35	17 12	11 59	5 36	6 21
T 27	23 24	15 39	0 50	23 33	1 53	18 31	1 45	10 49	1 2	16 5	1 0	6 29	2 11	5 36	0 45	13 26	1 46	21 37	13 22	17 35	17 11	12 1	5 36	6 21
F 28	23 22	18 28	0s28	23 12	1 51	18 47	1 43	10 56	1 3	16 8	1 0	6 27	2 11	5 35	0 45	13 27	1 46	21 36	13 22	17 35	17 10	12 2	5 36	6 21
S 29	23 19	20 6	1 43	22 51	1 48	19 3	1 41	11 4	1 5	16 11	1 0	6 26	2 11	5 34	0 45	13 27	1 46	21 35	13 21	17 35	17 9	12 4	5 36	6 22
S 30	23n16	20n26	2s52	22n28	1n44	19n19	1s40	11s12	1s 6	16n14	1s 0	6n24	2n11	5n34	0n45	13n27	1s46	21n35	13n21	17s34	17s 9	12s 6	5s36	6n22

Julian Day Number = 2347601.5, Delta T = 10.75 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'03, Lahiri = 19°53'03Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

JULY 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 33 36	8♋23'28	7♋17	28♋50	4♊58	26♎39	18♉ 8	18♍58	17♍44	10♉58	6♍18	19°R 9	17♏41	27♎ 1	29°R44	M 1
T 2	18 37 32	9°20'41	21°10	0♌28	6° 9	26°59	18°19	19° 2	17°45	10°59	6°19	19♏ 2	17°37	27° 8	29♒43	T 2
W 3	18 41 29	10°17'54	4♌44	2° 4	7°20	27°19	18°30	19° 6	17°47	11° 1	6°20	18°53	17°34	27°15	29°41	W 3
T 4	18 45 26	11°15'06	17°58	3°38	8°31	27°39	18°42	19°10	17°49	11° 2	6°22	18°45	17°31	27°21	29°39	T 4
F 5	18 49 22	12°12'19	0♍50	5°10	9°42	28° 1	18°53	19°14	17°51	11° 3	6°23	18°37	17°28	27°28	29°37	F 5
S 6	18 53 19	13° 9'32	13°22	6°39	10°53	28°22	19° 4	19°19	17°53	11° 5	6°25	18°32	17°25	27°35	29°36	S 6
S 7	18 57 15	14° 6'44	25°36	8° 7	12° 5	28°44	19°15	19°23	17°56	11° 6	6°26	18°28	17°22	27°41	29°34	S 7
M 8	19 1 12	15° 3'57	7♎37	9°32	13°16	29° 7	19°26	19°27	17°58	11° 7	6°27	18°26	17°18	27°48	29°32	M 8
T 9	19 5 8	16° 1'09	19°30	10°55	14°27	29°30	19°36	19°32	18° 0	11° 8	6°29	18°D25	17°15	27°54	29°30	T 9
W10	19 9 5	16°58'22	1♏19	12°15	15°39	29°53	19°47	19°37	18° 2	11° 9	6°30	18°26	17°12	28° 1	29°28	W10
T 11	19 13 1	17°55'34	13°10	13°33	16°50	0♏17	19°58	19°41	18° 4	11°11	6°32	18°R27	17° 9	28° 8	29°26	T 11
F 12	19 16 58	18°52'47	25° 8	14°49	18° 1	0°41	20° 8	19°46	18° 7	11°12	6°33	18°27	17° 6	28°14	29°24	F 12
S 13	19 20 55	19°50'00	7♐17	16° 3	19°13	1° 5	20°18	19°51	18° 9	11°13	6°35	18°25	17° 2	28°21	29°22	S 13
S 14	19 24 51	20°47'13	19°42	17°14	20°24	1°30	20°29	19°56	18°12	11°14	6°36	18°21	16°59	28°28	29°20	S 14
M15	19 28 48	21°44'26	2♑24	18°22	21°36	1°56	20°39	20° 1	18°14	11°15	6°38	18°15	16°56	28°34	29°18	M15
T 16	19 32 44	22°41'40	15°24	19°28	22°48	2°21	20°49	20° 6	18°16	11°16	6°40	18° 6	16°53	28°41	29°15	T 16
W17	19 36 41	23°38'54	28°43	20°31	23°59	2°48	20°59	20°11	18°19	11°17	6°41	17°56	16°50	28°48	29°13	W17
T 18	19 40 37	24°36'09	12♒19	21°31	25°11	3°14	21° 9	20°16	18°22	11°18	6°43	17°45	16°47	28°54	29°11	T 18
F 19	19 44 34	25°33'24	26° 8	22°28	26°23	3°41	21°18	20°21	18°24	11°19	6°44	17°35	16°43	29° 1	29° 8	F 19
S 20	19 48 30	26°30'40	10♓ 7	23°22	27°35	4° 8	21°28	20°27	18°27	11°20	6°46	17°27	16°40	29° 8	29° 6	S 20
S 21	19 52 27	27°27'57	24°11	24°13	28°47	4°35	21°37	20°32	18°29	11°20	6°48	17°21	16°37	29°14	29° 4	S 21
M22	19 56 24	28°25'15	8♈19	25° 1	29°59	5° 3	21°47	20°38	18°32	11°21	6°50	17°17	16°34	29°21	29° 1	M22
T 23	20 0 20	29°22'34	22°28	25°45	1♋11	5°31	21°56	20°43	18°35	11°22	6°51	17°16	16°31	29°28	28°59	T 23
W24	20 4 17	0♌19'53	6♉36	26°26	2°23	6° 0	22° 5	20°49	18°38	11°23	6°53	17°D15	16°27	29°34	28°56	W24
T 25	20 8 13	1°17'14	20°43	27° 3	3°35	6°29	22°14	20°54	18°40	11°23	6°55	17°R16	16°24	29°41	28°53	T 25
F 26	20 12 10	2°14'36	4♊46	27°35	4°47	6°58	22°23	21° 0	18°43	11°24	6°57	17°15	16°21	29°48	28°51	F 26
S 27	20 16 6	3°11'59	18°45	28° 4	5°59	7°27	22°32	21° 6	18°46	11°25	6°58	17°12	16°18	29°54	28°48	S 27
S 28	20 20 3	4° 9'23	2♋38	28°29	7°12	7°57	22°40	21°12	18°49	11°25	7° 0	17° 6	16°15	0♏ 1	28°46	S 28
M29	20 23 59	5° 6'49	16°22	28°48	8°24	8°27	22°49	21°17	18°52	11°26	7° 2	16°57	16°12	0° 8	28°43	M29
T 30	20 27 56	6° 4'15	29°54	29° 4	9°36	8°57	22°57	21°23	18°55	11°27	7° 4	16°46	16° 8	0°14	28°40	T 30
W31	20 31 53	7♌ 1'42	13♌12	29♌14	10♋49	9♏28	23♉ 5	21♍29	18♍58	11♉27	7♍ 6	16♏34	16♏ 5	0♏21	28♒37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n12	19n28	3s49	22n 3	1n40	19n34	1s37	11s20	1s 7	16n17	1s 0	6n22	2n10	5n33	0n45	13n28	1s46	21n34	13n21	17s32	17s 8	12s 7	5s37	6n22
T 2	23 9	17 20	4 32	21 38	1 35	19 48	1 35	11 29	1 9	16 20	1 0	6 21	2 10	5 32	0 45	13 28	1 46	21 33	13 21	17 30	17 7	12 9	5 37	6 22
W 3	23 4	14 17	4 58	21 11	1 30	20 2	1 33	11 37	1 10	16 23	1 0	6 19	2 10	5 31	0 45	13 28	1 46	21 32	13 20	17 28	17 6	12 11	5 37	6 23
T 4	23 0	10 36	5 7	20 44	1 24	20 15	1 31	11 46	1 11	16 26	1 1	6 17	2 10	5 31	0 45	13 29	1 46	21 32	13 20	17 26	17 5	12 12	5 38	6 23
F 5	22 55	6 31	5 0	20 16	1 18	20 28	1 29	11 54	1 12	16 29	1 1	6 15	2 10	5 30	0 45	13 29	1 46	21 31	13 20	17 24	17 4	12 14	5 38	6 23
S 6	22 49	2 15	4 39	19 47	1 11	20 41	1 27	12 3	1 13	16 32	1 1	6 13	2 10	5 29	0 45	13 30	1 46	21 30	13 20	17 22	17 3	12 16	5 38	6 23
S 7	22 44	2s 0	4 5	19 17	1 4	20 53	1 24	12 12	1 14	16 35	1 1	6 12	2 9	5 28	0 45	13 30	1 46	21 29	13 19	17 21	17 2	12 17	5 39	6 24
M 8	22 37	6 6	3 21	18 47	0 56	21 4	1 22	12 21	1 16	16 38	1 1	6 10	2 9	5 27	0 45	13 30	1 46	21 29	13 19	17 20	17 1	12 19	5 39	6 24
T 9	22 31	9 56	2 29	18 17	0 47	21 15	1 20	12 30	1 17	16 41	1 1	6 8	2 9	5 26	0 45	13 31	1 46	21 28	13 19	17 20	17 1	12 20	5 40	6 24
W10	22 24	13 22	1 31	17 46	0 39	21 25	1 17	12 39	1 18	16 44	1 1	6 6	2 9	5 25	0 45	13 31	1 46	21 27	13 19	17 20	17 0	12 22	5 40	6 24
T 11	22 16	16 16	0 28	17 15	0 30	21 35	1 15	12 49	1 19	16 47	1 1	6 4	2 9	5 24	0 45	13 31	1 46	21 26	13 18	17 21	16 59	12 24	5 41	6 25
F 12	22 9	18 30	0n36	16 44	0 20	21 44	1 12	12 58	1 20	16 49	1 1	6 2	2 9	5 23	0 45	13 31	1 46	21 25	13 18	17 21	16 58	12 25	5 41	6 25
S 13	22 0	19 56	1 39	16 13	0 10	21 53	1 10	13 8	1 21	16 52	1 1	6 0	2 8	5 23	0 45	13 32	1 46	21 25	13 18	17 20	16 57	12 27	5 42	6 25
S 14	21 52	20 26	2 39	15 42	0s 0	22 1	1 7	13 17	1 22	16 55	1 1	5 58	2 8	5 22	0 45	13 32	1 47	21 24	13 18	17 19	16 56	12 28	5 42	6 25
M15	21 43	19 55	3 32	15 11	0 11	22 8	1 4	13 27	1 23	16 57	1 1	5 56	2 8	5 21	0 45	13 32	1 47	21 23	13 17	17 17	16 55	12 30	5 43	6 25
T 16	21 34	18 21	4 16	14 40	0 22	22 15	1 2	13 37	1 23	17 0	1 2	5 53	2 8	5 20	0 44	13 32	1 47	21 22	13 17	17 15	16 54	12 32	5 43	6 26
W17	21 24	15 46	4 46	14 9	0 33	22 21	0 59	13 47	1 24	17 2	1 2	5 51	2 8	5 19	0 44	13 33	1 47	21 21	13 17	17 12	16 53	12 33	5 44	6 26
T 18	21 14	12 18	5 2	13 39	0 44	22 27	0 56	13 57	1 25	17 5	1 2	5 49	2 8	5 17	0 44	13 33	1 47	21 21	13 17	17 9	16 52	12 35	5 44	6 26
F 19	21 4	8 8	5 0	13 9	0 56	22 32	0 54	14 7	1 26	17 7	1 2	5 47	2 8	5 16	0 44	13 33	1 47	21 20	13 17	17 6	16 52	12 36	5 45	6 26
S 20	20 53	3 28	4 40	12 40	1 8	22 36	0 51	14 17	1 27	17 10	1 2	5 45	2 8	5 15	0 44	13 33	1 47	21 19	13 16	17 4	16 51	12 38	5 46	6 26
S 21	20 42	1n24	4 3	12 12	1 21	22 40	0 48	14 27	1 28	17 12	1 2	5 42	2 7	5 14	0 44	13 34	1 47	21 18	13 16	17 2	16 50	12 40	5 46	6 27
M22	20 30	6 14	3 11	11 45	1 33	22 43	0 45	14 37	1 29	17 14	1 2	5 40	2 7	5 13	0 44	13 34	1 47	21 17	13 16	17 1	16 49	12 41	5 47	6 27
T 23	20 19	10 44	2 8	11 18	1 46	22 45	0 43	14 47	1 29	17 17	1 2	5 38	2 7	5 12	0 44	13 34	1 47	21 16	13 16	17 1	16 48	12 43	5 48	6 27
W24	20 7	14 38	0 56	10 52	1 58	22 47	0 40	14 57	1 30	17 19	1 2	5 36	2 7	5 11	0 44	13 34	1 47	21 16	13 16	17 1	16 47	12 44	5 49	6 27
T 25	19 54	17 40	0s18	10 28	2 11	22 48	0 37	15 8	1 31	17 21	1 2	5 33	2 7	5 10	0 44	13 34	1 47	21 15	13 15	17 1	16 46	12 46	5 49	6 27
F 26	19 41	19 37	1 32	10 5	2 24	22 49	0 34	15 18	1 32	17 23	1 3	5 31	2 7	5 9	0 44	13 34	1 47	21 14	13 15	17 0	16 45	12 47	5 50	6 27
S 27	19 28	20 22	2 39	9 43	2 37	22 49	0 32	15 28	1 32	17 25	1 3	5 28	2 7	5 8	0 44	13 35	1 47	21 13	13 15	17 0	16 44	12 49	5 51	6 27
S 28	19 15	19 51	3 36	9 22	2 49	22 48	0 29	15 39	1 33	17 27	1 3	5 26	2 7	5 6	0 44	13 35	1 47	21 12	13 15	16 58	16 43	12 51	5 52	6 28
M29	19 1	18 10	4 20	9 4	3 2	22 47	0 26	15 49	1 34	17 29	1 3	5 24	2 6	5 5	0 44	13 35	1 47	21 11	13 15	16 55	16 42	12 52	5 52	6 28
T 30	18 47	15 30	4 48	8 47	3 14	22 45	0 23	16 0	1 35	17 31	1 3	5 21	2 6	5 4	0 44	13 35	1 47	21 11	13 15	16 52	16 41	12 54	5 53	6 28
W31	18n33	12n 5	5s 0	8n32	3s26	22n42	0s20	16s10	1s35	17n33	1s 3	5n19	2n 6	5n 3	0n44	13n35	1s48	21n10	13n15	16s49	16s41	12s55	5s54	6n28

Julian Day Number = 2347631.5, Delta T = 10.74 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'07, Lahiri = 19°53'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

AUGUST 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 35 49	7♌59'09	26♌13	29♌19	12♋ 1	9♏59	23♉13	21♍35	19♍ 1	11♉28	7♍ 7	16°R22	16♏ 2	0♏27	28°R35	T 1
F 2	20 39 46	8°56'38	8♍56	29°R20	13°14	10°30	23°21	21°41	19° 4	11°28	7° 9	16♏10	15°59	0°34	28♒32	F 2
S 3	20 43 42	9°54'08	21°23	29°14	14°26	11° 2	23°29	21°48	19° 7	11°28	7°11	16° 1	15°56	0°41	28°29	S 3
S 4	20 47 39	10°51'38	3♎34	29° 4	15°39	11°33	23°37	21°54	19°10	11°29	7°13	15°54	15°53	0°47	28°26	S 4
M 5	20 51 35	11°49'09	15°33	28°48	16°51	12° 5	23°44	22° 0	19°14	11°29	7°15	15°50	15°49	0°54	28°23	M 5
T 6	20 55 32	12°46'41	27°24	28°27	18° 4	12°38	23°52	22° 6	19°17	11°29	7°17	15°47	15°46	1° 1	28°20	T 6
W 7	20 59 28	13°44'14	9♏12	28° 1	19°17	13°10	23°59	22°13	19°20	11°30	7°19	15°47	15°43	1° 7	28°18	W 7
T 8	21 3 25	14°41'48	21° 3	27°30	20°30	13°43	24° 6	22°19	19°23	11°30	7°21	15°47	15°40	1°14	28°15	T 8
F 9	21 7 22	15°39'23	3♐ 2	26°54	21°42	14°16	24°13	22°26	19°27	11°30	7°23	15°46	15°37	1°21	28°12	F 9
S 10	21 11 18	16°36'59	15°13	26°13	22°55	14°49	24°20	22°32	19°30	11°30	7°25	15°44	15°33	1°27	28° 9	S 10
S 11	21 15 15	17°34'36	27°43	25°29	24° 8	15°23	24°26	22°39	19°33	11°31	7°27	15°40	15°30	1°34	28° 6	S 11
M12	21 19 11	18°32'14	10♑34	24°42	25°21	15°57	24°33	22°45	19°37	11°31	7°29	15°33	15°27	1°41	28° 3	M12
T 13	21 23 8	19°29'53	23°48	23°53	26°34	16°31	24°39	22°52	19°40	11°31	7°31	15°23	15°24	1°47	28° 0	T 13
W14	21 27 4	20°27'33	7♒25	23° 2	27°47	17° 5	24°45	22°58	19°43	11°31	7°33	15°12	15°21	1°54	27°57	W14
T 15	21 31 1	21°25'14	21°22	22°10	29° 0	17°39	24°51	23° 5	19°47	11°R31	7°35	15° 0	15°18	2° 1	27°54	T 15
F 16	21 34 57	22°22'57	5♓37	21°19	0♌14	18°14	24°57	23°12	19°50	11°31	7°37	14°49	15°14	2° 7	27°51	F 16
S 17	21 38 54	23°20'41	20° 2	20°30	1°27	18°49	25° 2	23°19	19°54	11°31	7°39	14°39	15°11	2°14	27°48	S 17
S 18	21 42 51	24°18'26	4♈31	19°43	2°40	19°24	25° 8	23°25	19°57	11°31	7°41	14°32	15° 8	2°20	27°45	S 18
M19	21 46 47	25°16'14	18°58	18°59	3°53	19°59	25°13	23°32	20° 1	11°31	7°43	14°28	15° 5	2°27	27°42	M19
T 20	21 50 44	26°14'03	3♉20	18°20	5° 7	20°35	25°18	23°39	20° 4	11°31	7°45	14°26	15° 2	2°34	27°39	T 20
W21	21 54 40	27°11'53	17°34	17°46	6°20	21°11	25°23	23°46	20° 8	11°30	7°47	14°D26	14°59	2°40	27°36	W21
T 22	21 58 37	28° 9'46	1♊37	17°18	7°33	21°46	25°28	23°53	20°11	11°30	7°49	14°R26	14°55	2°47	27°33	T 22
F 23	22 2 33	29° 7'41	15°30	16°57	8°47	22°23	25°33	24° 0	20°15	11°30	7°51	14°25	14°52	2°54	27°30	F 23
S 24	22 6 30	0♍ 5'37	29°12	16°44	10° 0	22°59	25°37	24° 7	20°18	11°30	7°53	14°22	14°49	3° 0	27°27	S 24
S 25	22 10 26	1° 3'35	12♋43	16°D38	11°14	23°35	25°42	24°14	20°22	11°29	7°55	14°17	14°46	3° 7	27°24	S 25
M26	22 14 23	2° 1'35	26° 4	16°41	12°28	24°12	25°46	24°21	20°26	11°29	7°58	14° 9	14°43	3°14	27°21	M26
T 27	22 18 20	2°59'37	9♌13	16°51	13°41	24°49	25°50	24°28	20°29	11°29	8° 0	13°58	14°39	3°20	27°18	T 27
W28	22 22 16	3°57'40	22° 9	17°10	14°55	25°26	25°53	24°35	20°33	11°28	8° 2	13°47	14°36	3°27	27°15	W28
T 29	22 26 13	4°55'46	4♍53	17°37	16° 9	26° 3	25°57	24°42	20°37	11°28	8° 4	13°35	14°33	3°34	27°12	T 29
F 30	22 30 9	5°53'52	17°22	18°13	17°22	26°41	26° 0	24°50	20°40	11°27	8° 6	13°23	14°30	3°40	27° 9	F 30
S 31	22 34 6	6♍52'01	29♍39	18♌56	18♌36	27♏18	26♉ 3	24♍57	20♍44	11♉27	8♍ 8	13♏14	14♏27	3♏47	27♒ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n18	8n 9	4s57	8n19	3s38	22n38	0s17	16s21	1s36	17n35	1s 3	5n16	2n 6	5n 2	0n44	13n35	1s48	21n 9	13n14	16s45	16s40	12s57	5s55	6n28
F 2	18 3	3 56	4 38	8 9	3 49	22 34	0 15	16 31	1 36	17 37	1 3	5 14	2 6	5 0	0 44	13 35	1 48	21 8	13 14	16 42	16 39	12 58	5 56	6 28
S 3	17 48	0s21	4 6	8 0	4 0	22 30	0 12	16 42	1 37	17 39	1 3	5 11	2 6	4 59	0 44	13 35	1 48	21 7	13 14	16 39	16 38	13 0	5 57	6 28
S 4	17 32	4 32	3 24	7 55	4 10	22 24	0 9	16 52	1 38	17 41	1 4	5 9	2 6	4 58	0 44	13 35	1 48	21 6	13 14	16 37	16 37	13 1	5 58	6 28
M 5	17 16	8 29	2 33	7 52	4 19	22 18	0 6	17 3	1 38	17 42	1 4	5 6	2 6	4 57	0 44	13 35	1 48	21 6	13 14	16 36	16 36	13 3	5 58	6 28
T 6	17 0	12 3	1 36	7 51	4 27	22 12	0 4	17 13	1 39	17 44	1 4	5 4	2 6	4 55	0 44	13 35	1 48	21 5	13 14	16 35	16 35	13 4	5 59	6 28
W 7	16 44	15 8	0 35	7 54	4 34	22 4	0 1	17 24	1 39	17 46	1 4	5 1	2 6	4 54	0 44	13 36	1 48	21 4	13 14	16 35	16 34	13 6	6 0	6 28
T 8	16 27	17 36	0n28	7 59	4 39	21 56	0n 2	17 34	1 40	17 47	1 4	4 58	2 5	4 53	0 44	13 36	1 48	21 3	13 14	16 35	16 33	13 7	6 1	6 28
F 9	16 10	19 19	1 30	8 7	4 44	21 48	0 5	17 44	1 40	17 49	1 4	4 56	2 5	4 51	0 44	13 36	1 48	21 2	13 14	16 35	16 32	13 9	6 2	6 28
S 10	15 53	20 11	2 29	8 18	4 47	21 39	0 7	17 55	1 41	17 51	1 4	4 53	2 5	4 50	0 44	13 36	1 48	21 1	13 13	16 34	16 31	13 11	6 3	6 29
S 11	15 35	20 5	3 23	8 31	4 48	21 29	0 10	18 5	1 41	17 52	1 4	4 50	2 5	4 49	0 44	13 36	1 48	21 1	13 13	16 33	16 30	13 12	6 4	6 29
M12	15 18	18 57	4 7	8 48	4 47	21 18	0 13	18 16	1 42	17 53	1 4	4 48	2 5	4 47	0 44	13 36	1 48	21 0	13 13	16 31	16 30	13 14	6 5	6 29
T 13	15 0	16 47	4 40	9 6	4 44	21 7	0 15	18 26	1 42	17 55	1 5	4 45	2 5	4 46	0 44	13 35	1 48	20 59	13 13	16 28	16 29	13 15	6 6	6 29
W14	14 41	13 38	4 58	9 27	4 40	20 56	0 18	18 36	1 43	17 56	1 5	4 42	2 5	4 45	0 44	13 35	1 48	20 58	13 13	16 25	16 28	13 17	6 7	6 29
T 15	14 23	9 40	4 59	9 49	4 34	20 43	0 20	18 46	1 43	17 58	1 5	4 40	2 5	4 43	0 44	13 35	1 48	20 57	13 13	16 22	16 27	13 18	6 8	6 29
F 16	14 4	5 6	4 42	10 13	4 26	20 30	0 23	18 57	1 44	17 59	1 5	4 37	2 5	4 42	0 44	13 35	1 48	20 56	13 13	16 18	16 26	13 20	6 9	6 29
S 17	13 45	0 11	4 6	10 38	4 16	20 17	0 26	19 7	1 44	18 0	1 5	4 34	2 5	4 41	0 44	13 35	1 49	20 56	13 13	16 16	16 25	13 21	6 10	6 29
S 18	13 26	4n46	3 15	11 4	4 4	20 3	0 28	19 17	1 44	18 1	1 5	4 31	2 5	4 39	0 44	13 35	1 49	20 55	13 13	16 13	16 24	13 23	6 11	6 29
M19	13 7	9 27	2 11	11 30	3 51	19 48	0 30	19 27	1 45	18 2	1 5	4 29	2 5	4 38	0 44	13 35	1 49	20 54	13 13	16 12	16 23	13 24	6 12	6 28
T 20	12 47	13 34	0 59	11 55	3 36	19 33	0 33	19 37	1 45	18 3	1 6	4 26	2 5	4 36	0 44	13 35	1 49	20 53	13 13	16 12	16 22	13 26	6 13	6 28
W21	12 28	16 50	0s17	12 21	3 21	19 17	0 35	19 46	1 45	18 5	1 6	4 23	2 5	4 35	0 44	13 35	1 49	20 52	13 13	16 12	16 21	13 27	6 14	6 28
T 22	12 8	19 3	1 30	12 45	3 4	19 1	0 38	19 56	1 46	18 6	1 6	4 20	2 5	4 34	0 44	13 35	1 49	20 52	13 13	16 12	16 20	13 28	6 16	6 28
F 23	11 48	20 5	2 37	13 8	2 46	18 44	0 40	20 6	1 46	18 7	1 6	4 17	2 4	4 32	0 44	13 35	1 49	20 51	13 13	16 11	16 19	13 30	6 17	6 28
S 24	11 27	19 54	3 34	13 29	2 28	18 26	0 42	20 16	1 46	18 7	1 6	4 15	2 4	4 31	0 44	13 35	1 49	20 50	13 13	16 11	16 18	13 31	6 18	6 28
S 25	11 7	18 35	4 18	13 48	2 10	18 9	0 44	20 25	1 47	18 8	1 6	4 12	2 4	4 29	0 44	13 34	1 49	20 49	13 13	16 9	16 17	13 33	6 19	6 28
M26	10 46	16 16	4 47	14 5	1 52	17 50	0 47	20 35	1 47	18 9	1 6	4 9	2 4	4 28	0 44	13 34	1 49	20 48	13 13	16 6	16 16	13 34	6 20	6 28
T 27	10 25	13 8	5 1	14 20	1 33	17 31	0 49	20 44	1 47	18 10	1 6	4 6	2 4	4 26	0 43	13 34	1 49	20 48	13 13	16 3	16 16	13 36	6 21	6 28
W28	10 4	9 26	4 59	14 31	1 15	17 12	0 51	20 53	1 48	18 11	1 7	4 3	2 4	4 25	0 43	13 34	1 49	20 47	13 13	16 0	16 15	13 37	6 22	6 28
T 29	9 43	5 22	4 42	14 40	0 57	16 52	0 53	21 2	1 48	18 11	1 7	4 0	2 4	4 23	0 43	13 34	1 49	20 46	13 13	15 56	16 14	13 39	6 23	6 28
F 30	9 22	1 8	4 11	14 46	0 40	16 31	0 55	21 12	1 48	18 12	1 7	3 57	2 4	4 22	0 43	13 33	1 49	20 45	13 13	15 53	16 13	13 40	6 24	6 28
S 31	9n 0	3s 4	3s30	14n48	0s23	16n10	0n57	21s21	1s48	18n13	1s 7	3n55	2n 4	4n21	0n43	13n33	1s49	20n45	13n13	15s50	16s12	13s42	6s25	6n27

Julian Day Number = 2347662.5, Delta T = 10.73 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'11, Lahiri = 19°53'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

SEPTEMBER 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 38 2	7♍50'11	11♎43	19♌47	19♌50	27♏56	26♉ 6	25♍ 4	20♍48	11°R26	8♍10	13°R 7	14♏24	3♏54	27°R 3	S 1
M 2	22 41 59	8°48'22	23°38	20°46	21° 4	28°34	26° 9	25°11	20°51	11♉26	8°12	13♏ 3	14°20	4° 0	27♒ 0	M 2
T 3	22 45 55	9°46'35	5♏27	21°52	22°18	29°12	26°12	25°19	20°55	11°25	8°14	13° 1	14°17	4° 7	26°57	T 3
W 4	22 49 52	10°44'50	17°14	23° 4	23°32	29°51	26°14	25°26	20°59	11°25	8°16	13°D 1	14°14	4°13	26°54	W 4
T 5	22 53 49	11°43'07	29° 3	24°22	24°46	0♐29	26°16	25°33	21° 3	11°24	8°19	13° 1	14°11	4°20	26°51	T 5
F 6	22 57 45	12°41'24	11♐ 0	25°46	26° 0	1° 8	26°18	25°40	21° 6	11°23	8°21	13°R 2	14° 8	4°27	26°48	F 6
S 7	23 1 42	13°39'44	23°11	27°15	27°14	1°46	26°20	25°48	21°10	11°23	8°23	13° 1	14° 5	4°33	26°45	S 7
S 8	23 5 38	14°38'05	5♑40	28°48	28°28	2°25	26°22	25°55	21°14	11°22	8°25	12°59	14° 1	4°40	26°42	S 8
M 9	23 9 35	15°36'28	18°32	0♍26	29°42	3° 4	26°23	26° 2	21°18	11°21	8°27	12°55	13°58	4°47	26°40	M 9
T 10	23 13 31	16°34'52	1♒50	2° 6	0♍56	3°44	26°25	26°10	21°21	11°20	8°29	12°48	13°55	4°53	26°37	T 10
W11	23 17 28	17°33'18	15°35	3°50	2°11	4°23	26°26	26°17	21°25	11°20	8°31	12°40	13°52	5° 0	26°34	W11
T 12	23 21 24	18°31'45	29°45	5°35	3°25	5° 3	26°27	26°25	21°29	11°19	8°33	12°32	13°49	5° 7	26°31	T 12
F 13	23 25 21	19°30'14	14♓17	7°23	4°39	5°42	26°27	26°32	21°33	11°18	8°35	12°23	13°45	5°13	26°28	F 13
S 14	23 29 17	20°28'46	29° 4	9°12	5°53	6°22	26°28	26°39	21°37	11°17	8°37	12°16	13°42	5°20	26°26	S 14
S 15	23 33 14	21°27'19	13♈57	11° 2	7° 8	7° 2	26°28	26°47	21°40	11°16	8°39	12°11	13°39	5°27	26°23	S 15
M16	23 37 11	22°25'54	28°48	12°53	8°22	7°42	26°R28	26°54	21°44	11°15	8°41	12° 8	13°36	5°33	26°21	M16
T 17	23 41 7	23°24'31	13♉31	14°44	9°37	8°23	26°28	27° 2	21°48	11°14	8°43	12°D 8	13°33	5°40	26°18	T 17
W18	23 45 4	24°23'11	28° 0	16°35	10°51	9° 3	26°27	27° 9	21°52	11°13	8°45	12° 8	13°30	5°47	26°15	W18
T 19	23 49 0	25°21'53	12♊12	18°27	12° 6	9°43	26°27	27°17	21°55	11°12	8°47	12° 9	13°26	5°53	26°13	T 19
F 20	23 52 57	26°20'37	26° 6	20°18	13°20	10°24	26°26	27°24	21°59	11°11	8°50	12°R10	13°23	6° 0	26°10	F 20
S 21	23 56 53	27°19'24	9♋42	22° 9	14°35	11° 5	26°25	27°32	22° 3	11°10	8°52	12° 9	13°20	6° 6	26° 8	S 21
S 22	0 0 50	28°18'13	23° 1	24° 0	15°49	11°46	26°24	27°39	22° 7	11° 9	8°54	12° 7	13°17	6°13	26° 5	S 22
M23	0 4 46	29°17'04	6♌ 5	25°50	17° 4	12°27	26°23	27°46	22°11	11° 8	8°56	12° 2	13°14	6°20	26° 3	M23
T 24	0 8 43	0♎15'57	18°55	27°39	18°18	13° 8	26°21	27°54	22°14	11° 6	8°58	11°56	13°10	6°26	26° 1	T 24
W25	0 12 40	1°14'53	1♍32	29°28	19°33	13°49	26°19	28° 1	22°18	11° 5	9° 0	11°49	13° 7	6°33	25°58	W25
T 26	0 16 36	2°13'50	13°57	1♎15	20°48	14°31	26°17	28° 9	22°22	11° 4	9° 1	11°41	13° 4	6°40	25°56	T 26
F 27	0 20 33	3°12'50	26°11	3° 2	22° 3	15°12	26°15	28°16	22°26	11° 3	9° 3	11°35	13° 1	6°46	25°54	F 27
S 28	0 24 29	4°11'52	8♎16	4°49	23°17	15°54	26°13	28°24	22°29	11° 1	9° 5	11°29	12°58	6°53	25°52	S 28
S 29	0 28 26	5°10'56	20°13	6°34	24°32	16°36	26°10	28°31	22°33	11° 0	9° 7	11°25	12°55	7° 0	25°50	S 29
M30	0 32 22	6♎10'01	2♏ 3	8♎19	25♍47	17♐17	26♉ 8	28♍38	22♍37	10♉59	9♍ 9	11♏23	12♏51	7♏ 6	25♒48	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n39	7s 5	2s39	14n47	0s 7	15n49	0n59	21s29	1s48	18n13	1s 7	3n52	2n 4	4n19	0n43	13n33	1s49	20n44	13n13	15s48	16s11	13s43	6s27	6n27
M 2	8 17	10 46	1 42	14 43	0n 8	15 27	1 0	21 38	1 49	18 14	1 7	3 49	2 4	4 18	0 43	13 33	1 49	20 43	13 13	15 47	16 10	13 45	6 28	6 27
T 3	7 55	14 0	0 40	14 35	0 22	15 5	1 2	21 47	1 49	18 14	1 7	3 46	2 4	4 16	0 43	13 33	1 50	20 42	13 13	15 46	16 9	13 46	6 29	6 27
W 4	7 33	16 38	0n23	14 24	0 35	14 42	1 4	21 55	1 49	18 15	1 8	3 43	2 4	4 15	0 43	13 32	1 50	20 42	13 13	15 46	16 8	13 47	6 30	6 27
T 5	7 11	18 36	1 25	14 9	0 47	14 19	1 6	22 4	1 49	18 15	1 8	3 40	2 4	4 13	0 43	13 32	1 50	20 41	13 14	15 46	16 7	13 49	6 31	6 27
F 6	6 48	19 45	2 24	13 51	0 58	13 55	1 7	22 12	1 49	18 15	1 8	3 37	2 4	4 12	0 43	13 32	1 50	20 40	13 14	15 46	16 6	13 50	6 32	6 27
S 7	6 26	20 0	3 18	13 30	1 8	13 32	1 9	22 20	1 49	18 16	1 8	3 34	2 4	4 10	0 43	13 32	1 50	20 39	13 14	15 46	16 5	13 52	6 33	6 26
S 8	6 4	19 17	4 4	13 6	1 17	13 7	1 10	22 28	1 50	18 16	1 8	3 31	2 4	4 9	0 43	13 31	1 50	20 39	13 14	15 46	16 4	13 53	6 34	6 26
M 9	5 41	17 35	4 39	12 39	1 24	12 43	1 12	22 36	1 50	18 16	1 8	3 28	2 4	4 7	0 43	13 31	1 50	20 38	13 14	15 44	16 3	13 55	6 35	6 26
T 10	5 18	14 54	5 1	12 9	1 31	12 18	1 13	22 43	1 50	18 16	1 8	3 25	2 4	4 6	0 43	13 31	1 50	20 37	13 14	15 42	16 2	13 56	6 37	6 26
W11	4 55	11 19	5 6	11 37	1 36	11 52	1 14	22 51	1 50	18 16	1 8	3 23	2 4	4 4	0 43	13 30	1 50	20 37	13 14	15 40	16 1	13 57	6 38	6 26
T 12	4 33	7 0	4 53	11 2	1 41	11 27	1 16	22 58	1 50	18 16	1 9	3 20	2 4	4 3	0 43	13 30	1 50	20 36	13 14	15 37	16 0	13 59	6 39	6 25
F 13	4 10	2 11	4 21	10 26	1 45	11 1	1 17	23 6	1 50	18 17	1 9	3 17	2 4	4 1	0 43	13 30	1 50	20 35	13 14	15 35	15 59	14 0	6 40	6 25
S 14	3 47	2n51	3 31	9 47	1 47	10 34	1 18	23 13	1 50	18 16	1 9	3 14	2 4	4 0	0 43	13 29	1 50	20 35	13 15	15 32	15 59	14 2	6 41	6 25
S 15	3 24	7 45	2 26	9 7	1 49	10 8	1 19	23 20	1 50	18 16	1 9	3 11	2 4	3 58	0 43	13 29	1 50	20 34	13 15	15 31	15 58	14 3	6 42	6 25
M16	3 0	12 11	1 11	8 26	1 50	9 41	1 20	23 26	1 50	18 16	1 9	3 8	2 4	3 57	0 43	13 29	1 50	20 33	13 15	15 30	15 57	14 4	6 43	6 24
T 17	2 37	15 48	0s 8	7 43	1 50	9 14	1 21	23 33	1 50	18 16	1 9	3 5	2 4	3 55	0 43	13 28	1 50	20 33	13 15	15 30	15 56	14 6	6 44	6 24
W18	2 14	18 22	1 25	6 59	1 50	8 46	1 22	23 39	1 50	18 16	1 9	3 2	2 4	3 54	0 43	13 28	1 50	20 32	13 15	15 30	15 55	14 7	6 45	6 24
T 19	1 51	19 43	2 35	6 14	1 48	8 18	1 23	23 45	1 50	18 16	1 10	2 59	2 4	3 52	0 43	13 28	1 50	20 31	13 15	15 30	15 54	14 9	6 46	6 24
F 20	1 27	19 50	3 35	5 29	1 47	7 50	1 23	23 51	1 50	18 15	1 10	2 56	2 4	3 51	0 43	13 27	1 50	20 31	13 16	15 31	15 53	14 10	6 48	6 23
S 21	1 4	18 46	4 22	4 43	1 44	7 22	1 24	23 57	1 50	18 15	1 10	2 53	2 4	3 49	0 43	13 27	1 50	20 30	13 16	15 30	15 52	14 11	6 49	6 23
S 22	0 41	16 42	4 53	3 56	1 41	6 54	1 25	24 3	1 50	18 15	1 10	2 50	2 4	3 48	0 43	13 27	1 50	20 30	13 16	15 30	15 51	14 13	6 50	6 23
M23	0 17	13 48	5 8	3 10	1 38	6 25	1 25	24 8	1 50	18 14	1 10	2 47	2 4	3 46	0 43	13 26	1 51	20 29	13 16	15 28	15 50	14 14	6 51	6 23
T 24	0s 6	10 18	5 7	2 23	1 34	5 57	1 26	24 14	1 50	18 14	1 10	2 44	2 4	3 45	0 43	13 26	1 51	20 28	13 16	15 26	15 49	14 15	6 52	6 22
W25	0 30	6 24	4 52	1 36	1 30	5 28	1 26	24 19	1 50	18 13	1 10	2 41	2 4	3 43	0 43	13 25	1 51	20 28	13 17	15 24	15 48	14 17	6 53	6 22
T 26	0 53	2 17	4 22	0 48	1 26	4 58	1 26	24 24	1 50	18 13	1 10	2 39	2 5	3 42	0 43	13 25	1 51	20 27	13 17	15 22	15 47	14 18	6 54	6 22
F 27	1 17	1s52	3 41	0 1	1 21	4 29	1 27	24 28	1 50	18 12	1 10	2 36	2 5	3 40	0 43	13 25	1 51	20 27	13 17	15 20	15 46	14 20	6 55	6 21
S 28	1 40	5 54	2 51	0s46	1 15	4 0	1 27	24 33	1 50	18 11	1 11	2 33	2 5	3 39	0 43	13 24	1 51	20 26	13 17	15 18	15 45	14 21	6 56	6 21
S 29	2 4	9 39	1 53	1 32	1 10	3 30	1 27	24 37	1 50	18 11	1 11	2 30	2 5	3 37	0 43	13 24	1 51	20 26	13 17	15 17	15 44	14 22	6 57	6 21
M30	2s27	13s 0	0s51	2s19	1n 4	3n 1	1n27	24s41	1s50	18n10	1s11	2n27	2n 5	3n36	0n43	13n23	1s51	20n25	13n18	15s16	15s43	14s24	6s58	6n21

Julian Day Number = 2347693.5, Delta T = 10.72 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'16, Lahiri = 19°53'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

OCTOBER 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 36 19	7♎ 9'09	13♏50	10♎ 2	27♍ 2	18♐ 0	26°R 5	28♍46	22♍40	10°R58	9♍11	11°D22	12♏48	7♏13	25°R45	T 1
W 2	0 40 15	8° 8'19	25°36	11°45	28°17	18°42	26♉ 1	28°53	22°44	10♉56	9°13	11♏23	12°45	7°20	25♒43	W 2
T 3	0 44 12	9° 7'31	7♐25	13°27	29°31	19°24	25°58	29° 1	22°48	10°55	9°15	11°25	12°42	7°26	25°42	T 3
F 4	0 48 9	10° 6'44	19°22	15° 9	0♎46	20° 6	25°55	29° 8	22°51	10°53	9°17	11°27	12°39	7°33	25°40	F 4
S 5	0 52 5	11° 5'59	1♑31	16°49	2° 1	20°49	25°51	29°15	22°55	10°52	9°19	11°28	12°36	7°39	25°38	S 5
S 6	0 56 2	12° 5'16	13°57	18°29	3°16	21°31	25°47	29°23	22°59	10°51	9°21	11°R28	12°32	7°46	25°36	S 6
M 7	0 59 58	13° 4'35	26°44	20° 8	4°31	22°14	25°43	29°30	23° 2	10°49	9°22	11°28	12°29	7°53	25°34	M 7
T 8	1 3 55	14° 3'56	9♒57	21°46	5°46	22°57	25°39	29°37	23° 6	10°48	9°24	11°26	12°26	7°59	25°33	T 8
W 9	1 7 51	15° 3'18	23°38	23°24	7° 1	23°40	25°34	29°45	23°10	10°46	9°26	11°23	12°23	8° 6	25°31	W 9
T 10	1 11 48	16° 2'42	7♓48	25° 0	8°16	24°22	25°30	29°52	23°13	10°45	9°28	11°19	12°20	8°13	25°29	T 10
F 11	1 15 44	17° 2'08	22°22	26°37	9°31	25° 5	25°25	29°59	23°17	10°43	9°29	11°15	12°16	8°19	25°28	F 11
S 12	1 19 41	18° 1'36	7♈17	28°12	10°46	25°49	25°20	0♎ 6	23°20	10°42	9°31	11°12	12°13	8°26	25°26	S 12
S 13	1 23 37	19° 1'06	22°25	29°47	12° 1	26°32	25°15	0°14	23°24	10°40	9°33	11°10	12°10	8°33	25°25	S 13
M14	1 27 34	20° 0'38	7♉35	1♏21	13°16	27°15	25° 9	0°21	23°27	10°39	9°35	11°D10	12° 7	8°39	25°23	M14
T 15	1 31 31	21° 0'12	22°38	2°54	14°31	27°59	25° 4	0°28	23°31	10°37	9°36	11°10	12° 4	8°46	25°22	T 15
W16	1 35 27	21°59'48	7♊27	4°27	15°47	28°42	24°58	0°35	23°34	10°36	9°38	11°11	12° 1	8°53	25°21	W16
T 17	1 39 24	22°59'27	21°56	5°59	17° 2	29°26	24°52	0°42	23°38	10°34	9°40	11°12	11°57	8°59	25°20	T 17
F 18	1 43 20	23°59'08	6♋ 1	7°31	18°17	0♑ 9	24°46	0°49	23°41	10°32	9°41	11°13	11°54	9° 6	25°18	F 18
S 19	1 47 17	24°58'51	19°43	9° 2	19°32	0°53	24°40	0°56	23°44	10°31	9°43	11°R14	11°51	9°13	25°17	S 19
S 20	1 51 13	25°58'37	3♌ 0	10°32	20°47	1°37	24°34	1° 3	23°48	10°29	9°44	11°14	11°48	9°19	25°16	S 20
M21	1 55 10	26°58'24	15°57	12° 2	22° 2	2°21	24°28	1°10	23°51	10°28	9°46	11°13	11°45	9°26	25°15	M21
T 22	1 59 6	27°58'14	28°36	13°31	23°18	3° 5	24°21	1°17	23°54	10°26	9°48	11°12	11°41	9°32	25°14	T 22
W23	2 3 3	28°58'06	11♍ 0	15° 0	24°33	3°49	24°15	1°24	23°58	10°24	9°49	11°10	11°38	9°39	25°14	W23
T 24	2 7 0	29°58'01	23°11	16°28	25°48	4°33	24° 8	1°31	24° 1	10°23	9°51	11° 8	11°35	9°46	25°13	T 24
F 25	2 10 56	0♏57'57	5♎13	17°56	27° 3	5°17	24° 1	1°38	24° 4	10°21	9°52	11° 7	11°32	9°52	25°12	F 25
S 26	2 14 53	1°57'55	17° 8	19°23	28°19	6° 2	23°54	1°45	24° 7	10°19	9°53	11° 6	11°29	9°59	25°11	S 26
S 27	2 18 49	2°57'56	28°58	20°49	29°34	6°46	23°47	1°51	24°11	10°18	9°55	11° 5	11°26	10° 6	25°11	S 27
M28	2 22 46	3°57'58	10♏45	22°14	0♏49	7°30	23°40	1°58	24°14	10°16	9°56	11°D 5	11°22	10°12	25°10	M28
T 29	2 26 42	4°58'03	22°32	23°39	2° 4	8°15	23°32	2° 5	24°17	10°14	9°58	11° 5	11°19	10°19	25°10	T 29
W30	2 30 39	5°58'09	4♐21	25° 3	3°20	9° 0	23°25	2°11	24°20	10°13	9°59	11° 5	11°16	10°26	25° 9	W30
T 31	2 34 35	6♏58'16	16♐14	26♏26	4♏35	9♑44	23♉17	2♎18	24♍23	10♉11	10♍ 0	11♏ 6	11♏13	10♏32	25♒ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s51	15s48	0n13	3s 5	0n59	2n31	1n27	24s45	1s49	18n 9	1s11	2n24	2n 5	3n35	0n43	13n23	1s51	20n25	13n18	15s16	15s42	14s25	6s59	6n20
W 2	3 14	17 56	1 17	3 51	0 53	2 1	1 27	24 48	1 49	18 8	1 11	2 21	2 5	3 33	0 43	13 22	1 51	20 24	13 18	15 16	15 41	14 26	7 0	6 20
T 3	3 37	19 19	2 18	4 37	0 46	1 31	1 27	24 52	1 49	18 7	1 11	2 18	2 5	3 32	0 43	13 22	1 51	20 24	13 18	15 17	15 40	14 28	7 1	6 20
F 4	4 1	19 50	3 14	5 22	0 40	1 1	1 27	24 55	1 49	18 7	1 11	2 15	2 5	3 30	0 43	13 21	1 51	20 23	13 19	15 17	15 39	14 29	7 2	6 19
S 5	4 24	19 27	4 1	6 6	0 33	0 31	1 26	24 58	1 49	18 6	1 11	2 12	2 5	3 29	0 43	13 21	1 51	20 23	13 19	15 18	15 38	14 30	7 3	6 19
S 6	4 47	18 7	4 39	6 50	0 27	0 1	1 26	25 1	1 49	18 5	1 11	2 10	2 5	3 27	0 43	13 21	1 51	20 22	13 19	15 18	15 37	14 32	7 4	6 19
M 7	5 10	15 52	5 4	7 34	0 20	0s29	1 26	25 3	1 48	18 4	1 11	2 7	2 5	3 26	0 43	13 20	1 51	20 22	13 20	15 18	15 36	14 33	7 4	6 18
T 8	5 33	12 44	5 14	8 17	0 13	0 59	1 25	25 5	1 48	18 2	1 11	2 4	2 5	3 25	0 43	13 20	1 51	20 21	13 20	15 17	15 35	14 34	7 5	6 18
W 9	5 56	8 49	5 7	9 0	0 7	1 30	1 25	25 7	1 48	18 1	1 12	2 1	2 5	3 23	0 44	13 19	1 51	20 21	13 20	15 16	15 35	14 36	7 6	6 17
T 10	6 19	4 18	4 42	9 42	0s 0	2 0	1 24	25 9	1 48	18 0	1 12	1 58	2 5	3 22	0 44	13 19	1 51	20 21	13 20	15 15	15 34	14 37	7 7	6 17
F 11	6 42	0n36	3 58	10 23	0 7	2 30	1 23	25 11	1 48	17 59	1 12	1 56	2 6	3 20	0 44	13 18	1 51	20 20	13 21	15 14	15 33	14 38	7 8	6 17
S 12	7 5	5 36	2 56	11 4	0 14	3 0	1 23	25 12	1 47	17 58	1 12	1 53	2 6	3 19	0 44	13 18	1 51	20 20	13 21	15 13	15 32	14 40	7 9	6 16
S 13	7 28	10 18	1 42	11 44	0 21	3 30	1 22	25 13	1 47	17 56	1 12	1 50	2 6	3 18	0 44	13 17	1 51	20 19	13 21	15 12	15 31	14 41	7 10	6 16
M14	7 50	14 22	0 20	12 24	0 28	4 0	1 21	25 14	1 47	17 55	1 12	1 47	2 6	3 16	0 44	13 17	1 51	20 19	13 22	15 12	15 30	14 42	7 10	6 16
T 15	8 13	17 26	1s 3	13 2	0 35	4 30	1 20	25 14	1 47	17 54	1 12	1 44	2 6	3 15	0 44	13 16	1 51	20 19	13 22	15 12	15 29	14 43	7 11	6 15
W16	8 35	19 17	2 20	13 40	0 41	5 0	1 19	25 14	1 46	17 52	1 12	1 42	2 6	3 13	0 44	13 16	1 51	20 18	13 22	15 12	15 28	14 45	7 12	6 15
T 17	8 57	19 47	3 27	14 18	0 48	5 30	1 18	25 14	1 46	17 51	1 12	1 39	2 6	3 12	0 44	13 15	1 51	20 18	13 23	15 13	15 27	14 46	7 13	6 14
F 18	9 19	19 1	4 19	14 54	0 55	5 59	1 17	25 14	1 46	17 49	1 12	1 36	2 6	3 11	0 44	13 15	1 51	20 18	13 23	15 13	15 26	14 47	7 14	6 14
S 19	9 41	17 10	4 55	15 30	1 2	6 29	1 16	25 14	1 45	17 48	1 12	1 34	2 6	3 9	0 44	13 14	1 51	20 17	13 23	15 13	15 25	14 49	7 14	6 14
S 20	10 3	14 25	5 14	16 5	1 8	6 58	1 15	25 13	1 45	17 46	1 12	1 31	2 7	3 8	0 44	13 14	1 51	20 17	13 24	15 13	15 24	14 50	7 15	6 13
M21	10 25	11 3	5 16	16 39	1 15	7 27	1 14	25 12	1 45	17 45	1 12	1 28	2 7	3 7	0 44	13 13	1 51	20 17	13 24	15 13	15 23	14 51	7 16	6 13
T 22	10 46	7 15	5 2	17 13	1 21	7 57	1 12	25 11	1 44	17 43	1 12	1 26	2 7	3 6	0 44	13 13	1 51	20 17	13 24	15 13	15 22	14 52	7 16	6 12
W23	11 7	3 12	4 35	17 45	1 27	8 25	1 11	25 9	1 44	17 42	1 12	1 23	2 7	3 4	0 44	13 12	1 51	20 16	13 25	15 12	15 21	14 54	7 17	6 12
T 24	11 29	0s54	3 56	18 17	1 33	8 54	1 10	25 7	1 44	17 40	1 12	1 20	2 7	3 3	0 44	13 11	1 51	20 16	13 25	15 12	15 20	14 55	7 18	6 12
F 25	11 50	4 56	3 6	18 47	1 39	9 23	1 8	25 5	1 43	17 38	1 12	1 18	2 7	3 2	0 44	13 11	1 51	20 16	13 26	15 11	15 19	14 56	7 18	6 11
S 26	12 10	8 44	2 9	19 17	1 45	9 51	1 7	25 3	1 43	17 37	1 12	1 15	2 7	3 0	0 44	13 10	1 51	20 16	13 26	15 11	15 18	14 57	7 19	6 11
S 27	12 31	12 10	1 7	19 46	1 51	10 19	1 5	25 1	1 43	17 35	1 12	1 13	2 7	2 59	0 44	13 10	1 51	20 15	13 26	15 10	15 17	14 59	7 20	6 10
M28	12 52	15 6	0 2	20 13	1 56	10 47	1 4	24 58	1 42	17 33	1 12	1 10	2 8	2 58	0 44	13 9	1 51	20 15	13 27	15 10	15 16	15 0	7 20	6 10
T 29	13 12	17 25	1n 3	20 40	2 1	11 15	1 2	24 55	1 42	17 31	1 12	1 8	2 8	2 57	0 44	13 9	1 51	20 15	13 27	15 10	15 15	15 1	7 21	6 10
W30	13 32	18 59	2 6	21 6	2 6	11 42	1 0	24 51	1 41	17 29	1 12	1 5	2 8	2 56	0 44	13 8	1 51	20 15	13 28	15 11	15 14	15 3	7 21	6 9
T 31	13s52	19s43	3n 4	21s30	2s11	12s 9	0n58	24s48	1s41	17n28	1s12	1n 3	2n 8	2n54	0n44	13n 8	1s51	20n15	13n28	15s11	15s13	15s 4	7s22	6n 9

Julian Day Number = 2347723.5, Delta T = 10.71 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'20, Lahiri = 19°53'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

NOVEMBER 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 38 32	7♏58'26	28♐15	27♏49	5♏50	10♑29	23°R10	2♎24	24♍26	10°R 9	10♍ 2	11♏ 6	11♏10	10♏39	25°R 9	F 1
S 2	2 42 29	8°58'37	10♑26	29°10	7° 6	11°14	23♉ 2	2°31	24°29	10♉ 8	10° 3	11° 7	11° 7	10°46	25♒ 8	S 2
S 3	2 46 25	9°58'50	22°52	0♐30	8°21	11°59	22°54	2°37	24°32	10° 6	10° 4	11° 7	11° 3	10°52	25° 8	S 3
M 4	2 50 22	10°59'04	5♒36	1°50	9°36	12°44	22°46	2°44	24°35	10° 4	10° 5	11° 7	11° 0	10°59	25° 8	M 4
T 5	2 54 18	11°59'20	18°42	3° 8	10°52	13°29	22°38	2°50	24°38	10° 2	10° 7	11° 7	10°57	11° 5	25°D 8	T 5
W 6	2 58 15	12°59'37	2♓13	4°24	12° 7	14°14	22°31	2°56	24°40	10° 1	10° 8	11° 7	10°54	11°12	25° 8	W 6
T 7	3 2 11	13°59'56	16° 9	5°40	13°22	14°59	22°22	3° 3	24°43	9°59	10° 9	11° 7	10°51	11°19	25° 8	T 7
F 8	3 6 8	15° 0'15	0♈32	6°53	14°38	15°44	22°14	3° 9	24°46	9°57	10°10	11° 7	10°47	11°25	25° 8	F 8
S 9	3 10 4	16° 0'37	15°18	8° 4	15°53	16°29	22° 6	3°15	24°49	9°56	10°11	11° 8	10°44	11°32	25° 8	S 9
S 10	3 14 1	17° 1'00	0♉22	9°14	17° 8	17°15	21°58	3°21	24°51	9°54	10°12	11° 8	10°41	11°39	25° 9	S 10
M11	3 17 58	18° 1'24	15°35	10°21	18°24	18° 0	21°50	3°27	24°54	9°52	10°13	11°R 8	10°38	11°45	25° 9	M11
T 12	3 21 54	19° 1'51	0♊48	11°25	19°39	18°45	21°42	3°33	24°57	9°51	10°14	11° 8	10°35	11°52	25° 9	T 12
W13	3 25 51	20° 2'19	15°51	12°26	20°55	19°31	21°34	3°39	24°59	9°49	10°15	11° 7	10°32	11°59	25°10	W13
T 14	3 29 47	21° 2'48	0♋36	13°24	22°10	20°16	21°26	3°45	25° 2	9°47	10°16	11° 6	10°28	12° 5	25°10	T 14
F 15	3 33 44	22° 3'20	14°56	14°18	23°25	21° 2	21°17	3°51	25° 4	9°46	10°17	11° 5	10°25	12°12	25°11	F 15
S 16	3 37 40	23° 3'53	28°50	15° 7	24°41	21°47	21° 9	3°56	25° 7	9°44	10°18	11° 3	10°22	12°19	25°11	S 16
S 17	3 41 37	24° 4'28	12♌15	15°52	25°56	22°33	21° 1	4° 2	25° 9	9°42	10°19	11° 2	10°19	12°25	25°12	S 17
M18	3 45 33	25° 5'05	25°14	16°30	27°12	23°18	20°53	4° 8	25°11	9°41	10°20	11°D 2	10°16	12°32	25°13	M18
T 19	3 49 30	26° 5'43	7♍51	17° 3	28°27	24° 4	20°45	4°13	25°14	9°39	10°20	11° 3	10°13	12°38	25°14	T 19
W20	3 53 27	27° 6'23	20°10	17°28	29°42	24°50	20°37	4°19	25°16	9°38	10°21	11° 4	10° 9	12°45	25°15	W20
T 21	3 57 23	28° 7'05	2♎14	17°46	0♐58	25°36	20°29	4°24	25°18	9°36	10°22	11° 5	10° 6	12°52	25°15	T 21
F 22	4 1 20	29° 7'48	14° 9	17°R54	2°13	26°22	20°21	4°29	25°20	9°34	10°23	11° 7	10° 3	12°58	25°16	F 22
S 23	4 5 16	0♐ 8'33	25°57	17°54	3°29	27° 7	20°13	4°35	25°22	9°33	10°23	11° 8	10° 0	13° 5	25°18	S 23
S 24	4 9 13	1° 9'19	7♏44	17°43	4°44	27°53	20° 5	4°40	25°24	9°31	10°24	11°R 9	9°57	13°12	25°19	S 24
M25	4 13 9	2°10'07	19°31	17°22	5°59	28°39	19°57	4°45	25°27	9°30	10°24	11° 8	9°53	13°18	25°20	M25
T 26	4 17 6	3°10'56	1♐21	16°50	7°15	29°25	19°49	4°50	25°29	9°28	10°25	11° 7	9°50	13°25	25°21	T 26
W27	4 21 2	4°11'46	13°17	16° 7	8°30	0♒11	19°41	4°55	25°30	9°27	10°26	11° 4	9°47	13°32	25°22	W27
T 28	4 24 59	5°12'38	25°20	15°13	9°46	0°57	19°34	5° 0	25°32	9°25	10°26	11° 1	9°44	13°38	25°24	T 28
F 29	4 28 56	6°13'30	7♑31	14° 9	11° 1	1°43	19°26	5° 5	25°34	9°24	10°27	10°56	9°41	13°45	25°25	F 29
S 30	4 32 52	7♐14'24	19♑53	12♐58	12♐17	2♒29	19♉19	5♎10	25♍36	9♉22	10♍27	10♏52	9♏38	13♏52	25♒27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s11	19s34	3n54	21s54	2s15	12s36	0n57	24s44	1s41	17n26	1s12	1n 0	2n 8	2n53	0n44	13n 7	1s51	20n15	13n28	15s11	15s12	15s 5	7s22	6n 8
S 2	14 31	18 31	4 34	22 16	2 20	13 2	0 55	24 40	1 40	17 24	1 12	0 58	2 8	2 52	0 44	13 7	1 51	20 15	13 29	15 11	15 11	15 6	7 23	6 8
S 3	14 50	16 34	5 2	22 37	2 23	13 28	0 53	24 35	1 40	17 22	1 12	0 55	2 8	2 51	0 44	13 6	1 51	20 14	13 29	15 11	15 10	15 7	7 23	6 7
M 4	15 9	13 46	5 17	22 57	2 27	13 54	0 51	24 31	1 39	17 20	1 12	0 53	2 9	2 50	0 44	13 6	1 51	20 14	13 30	15 11	15 9	15 9	7 24	6 7
T 5	15 27	10 14	5 16	23 16	2 30	14 20	0 49	24 26	1 39	17 18	1 12	0 50	2 9	2 49	0 44	13 5	1 51	20 14	13 30	15 11	15 8	15 10	7 24	6 7
W 6	15 46	6 5	4 57	23 34	2 33	14 45	0 47	24 21	1 38	17 16	1 12	0 48	2 9	2 48	0 44	13 5	1 51	20 14	13 30	15 11	15 7	15 11	7 24	6 6
T 7	16 4	1 28	4 21	23 50	2 35	15 10	0 45	24 15	1 38	17 14	1 12	0 46	2 9	2 47	0 44	13 4	1 51	20 14	13 31	15 11	15 6	15 12	7 25	6 6
F 8	16 22	3n23	3 27	24 4	2 37	15 34	0 43	24 10	1 38	17 12	1 12	0 43	2 9	2 45	0 44	13 4	1 51	20 14	13 31	15 11	15 5	15 14	7 25	6 5
S 9	16 39	8 10	2 19	24 18	2 39	15 58	0 41	24 4	1 37	17 10	1 12	0 41	2 10	2 44	0 44	13 3	1 51	20 14	13 32	15 11	15 4	15 15	7 26	6 5
S 10	16 57	12 33	1 0	24 30	2 39	16 21	0 39	23 57	1 37	17 8	1 12	0 39	2 10	2 43	0 44	13 3	1 51	20 14	13 32	15 11	15 3	15 16	7 26	6 4
M11	17 14	16 8	0s25	24 40	2 40	16 44	0 37	23 51	1 36	17 6	1 11	0 37	2 10	2 42	0 44	13 2	1 51	20 14	13 33	15 11	15 2	15 17	7 26	6 4
T 12	17 30	18 36	1 47	24 49	2 39	17 7	0 35	23 44	1 36	17 4	1 11	0 34	2 10	2 41	0 44	13 1	1 51	20 14	13 33	15 11	15 1	15 18	7 26	6 4
W13	17 47	19 43	3 1	24 56	2 38	17 29	0 32	23 37	1 35	17 2	1 11	0 32	2 10	2 40	0 44	13 1	1 51	20 14	13 34	15 11	15 0	15 20	7 27	6 3
T 14	18 3	19 27	4 2	25 1	2 36	17 51	0 30	23 30	1 35	17 0	1 11	0 30	2 10	2 39	0 44	13 0	1 51	20 14	13 34	15 11	14 59	15 21	7 27	6 3
F 15	18 19	17 55	4 45	25 5	2 33	18 12	0 28	23 22	1 34	16 58	1 11	0 28	2 11	2 38	0 44	13 0	1 51	20 14	13 34	15 10	14 58	15 22	7 27	6 2
S 16	18 34	15 22	5 10	25 7	2 30	18 33	0 26	23 15	1 33	16 56	1 11	0 26	2 11	2 38	0 44	12 59	1 51	20 14	13 35	15 10	14 57	15 23	7 27	6 2
S 17	18 49	12 4	5 17	25 8	2 25	18 53	0 23	23 7	1 33	16 54	1 11	0 24	2 11	2 37	0 44	12 59	1 51	20 14	13 35	15 10	14 56	15 24	7 28	6 1
M18	19 4	8 17	5 8	25 6	2 20	19 13	0 21	22 59	1 32	16 52	1 11	0 22	2 11	2 36	0 44	12 58	1 51	20 15	13 36	15 10	14 55	15 26	7 28	6 1
T 19	19 18	4 15	4 43	25 3	2 13	19 32	0 19	22 50	1 32	16 50	1 11	0 20	2 11	2 35	0 45	12 58	1 51	20 15	13 36	15 10	14 54	15 27	7 28	6 1
W20	19 32	0 7	4 7	24 57	2 5	19 51	0 16	22 41	1 31	16 48	1 10	0 18	2 12	2 34	0 45	12 58	1 51	20 15	13 37	15 10	14 53	15 28	7 28	6 0
T 21	19 46	3s56	3 19	24 49	1 55	20 9	0 14	22 32	1 31	16 46	1 10	0 16	2 12	2 33	0 45	12 57	1 51	20 15	13 37	15 10	14 52	15 29	7 28	6 0
F 22	20 0	7 48	2 24	24 39	1 44	20 27	0 12	22 23	1 30	16 44	1 10	0 14	2 12	2 32	0 45	12 57	1 51	20 15	13 38	15 11	14 51	15 30	7 28	5 59
S 23	20 13	11 20	1 23	24 27	1 32	20 44	0 9	22 14	1 30	16 42	1 10	0 12	2 12	2 31	0 45	12 56	1 51	20 15	13 38	15 11	14 50	15 31	7 28	5 59
S 24	20 25	14 24	0 19	24 12	1 18	21 0	0 7	22 4	1 29	16 40	1 10	0 10	2 12	2 31	0 45	12 56	1 51	20 15	13 39	15 12	14 49	15 33	7 28	5 58
M25	20 38	16 54	0n46	23 55	1 3	21 16	0 4	21 54	1 28	16 38	1 10	0 8	2 13	2 30	0 45	12 55	1 51	20 16	13 39	15 12	14 48	15 34	7 28	5 58
T 26	20 49	18 41	1 49	23 35	0 46	21 31	0 2	21 44	1 28	16 36	1 9	0 7	2 13	2 29	0 45	12 55	1 51	20 16	13 40	15 11	14 47	15 35	7 28	5 58
W27	21 1	19 39	2 48	23 13	0 28	21 46	0s 0	21 33	1 27	16 34	1 9	0 5	2 13	2 28	0 45	12 54	1 51	20 16	13 40	15 10	14 46	15 36	7 28	5 57
T 28	21 12	19 44	3 40	22 48	0 9	22 0	0 3	21 23	1 27	16 32	1 9	0 3	2 13	2 28	0 45	12 54	1 51	20 16	13 41	15 9	14 45	15 37	7 28	5 57
F 29	21 23	18 54	4 22	22 21	0n11	22 13	0 5	21 12	1 26	16 31	1 9	0 1	2 14	2 27	0 45	12 53	1 51	20 17	13 41	15 8	14 44	15 38	7 28	5 56
S 30	21s33	17s10	4n53	21s52	0n32	22s25	0s 8	21s 1	1s25	16n29	1s 9	0s 0	2n14	2n26	0n45	12n53	1s51	20n17	13n42	15s 6	14s43	15s40	7s28	5n56

Julian Day Number = 2347754.5, Delta T = 10.71 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'24, Lahiri = 19°53'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1715
geocentric

DECEMBER 1715 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 36 49	8♐15'19	2♒26	11°R40	13♐32	3♒16	19°R12	5♎14	25♍38	9°R21	10♍27	10°R48	9♏34	13♏58	25♒28	S 1
M 2	4 40 45	9°16'14	15°15	10♐18	14°47	4° 2	19♉ 4	5°19	25°39	9♉19	10°28	10♏44	9°31	14° 5	25°30	M 2
T 3	4 44 42	10°17'10	28°19	8°55	16° 3	4°48	18°57	5°23	25°41	9°18	10°28	10°42	9°28	14°12	25°31	T 3
W 4	4 48 38	11°18'07	11♓42	7°34	17°18	5°34	18°50	5°28	25°43	9°17	10°29	10°D42	9°25	14°18	25°33	W 4
T 5	4 52 35	12°19'04	25°26	6°17	18°34	6°20	18°43	5°32	25°44	9°15	10°29	10°42	9°22	14°25	25°35	T 5
F 6	4 56 31	13°20'02	9♈32	5° 7	19°49	7° 7	18°36	5°36	25°46	9°14	10°29	10°44	9°19	14°31	25°37	F 6
S 7	5 0 28	14°21'00	23°58	4° 5	21° 5	7°53	18°30	5°40	25°47	9°13	10°29	10°45	9°15	14°38	25°39	S 7
S 8	5 4 25	15°22'00	8♉42	3°14	22°20	8°39	18°23	5°45	25°48	9°11	10°30	10°R46	9°12	14°45	25°41	S 8
M 9	5 8 21	16°23'00	23°40	2°34	23°35	9°26	18°17	5°48	25°50	9°10	10°30	10°45	9° 9	14°51	25°43	M 9
T 10	5 12 18	17°24'00	8♊43	2° 5	24°51	10°12	18°11	5°52	25°51	9° 9	10°30	10°43	9° 6	14°58	25°45	T 10
W11	5 16 14	18°25'02	23°43	1°47	26° 6	10°58	18° 5	5°56	25°52	9° 8	10°30	10°39	9° 3	15° 5	25°47	W11
T 12	5 20 11	19°26'04	8♋31	1°D39	27°22	11°45	17°59	6° 0	25°53	9° 6	10°30	10°33	8°59	15°11	25°49	T 12
F 13	5 24 7	20°27'07	22°59	1°42	28°37	12°31	17°53	6° 4	25°54	9° 5	10°R30	10°26	8°56	15°18	25°51	F 13
S 14	5 28 4	21°28'10	7♌ 2	1°54	29°52	13°17	17°47	6° 7	25°55	9° 4	10°30	10°20	8°53	15°25	25°53	S 14
S 15	5 32 1	22°29'15	20°36	2°15	1♍ 8	14° 4	17°42	6°11	25°56	9° 3	10°30	10°15	8°50	15°31	25°56	S 15
M16	5 35 57	23°30'20	3♍43	2°44	2°23	14°50	17°37	6°14	25°57	9° 2	10°30	10°11	8°47	15°38	25°58	M16
T 17	5 39 54	24°31'26	16°24	3°20	3°39	15°36	17°32	6°17	25°58	9° 1	10°30	10° 8	8°44	15°45	26° 1	T 17
W18	5 43 50	25°32'33	28°44	4° 2	4°54	16°23	17°27	6°20	25°59	9° 0	10°30	10°D 8	8°40	15°51	26° 3	W18
T 19	5 47 47	26°33'41	10♎48	4°50	6° 9	17° 9	17°22	6°23	26° 0	8°59	10°29	10° 9	8°37	15°58	26° 6	T 19
F 20	5 51 43	27°34'49	22°40	5°42	7°25	17°56	17°17	6°26	26° 1	8°58	10°29	10°10	8°34	16° 4	26° 8	F 20
S 21	5 55 40	28°35'58	4♏27	6°39	8°40	18°42	17°13	6°29	26° 1	8°57	10°29	10°R12	8°31	16°11	26°11	S 21
S 22	5 59 36	29°37'07	16°13	7°39	9°55	19°29	17° 9	6°32	26° 2	8°56	10°29	10°12	8°28	16°18	26°13	S 22
M23	6 3 33	0♑38'17	28° 3	8°43	11°11	20°15	17° 5	6°35	26° 2	8°55	10°29	10°10	8°25	16°24	26°16	M23
T 24	6 7 29	1°39'28	9♐58	9°50	12°26	21° 2	17° 1	6°37	26° 3	8°54	10°28	10° 5	8°21	16°31	26°19	T 24
W25	6 11 26	2°40'39	22° 3	11° 0	13°42	21°48	16°57	6°40	26° 3	8°53	10°28	9°59	8°18	16°38	26°22	W25
T 26	6 15 23	3°41'50	4♑19	12°12	14°57	22°34	16°54	6°42	26° 4	8°52	10°27	9°50	8°15	16°44	26°24	T 26
F 27	6 19 19	4°43'01	16°46	13°26	16°12	23°21	16°50	6°44	26° 4	8°51	10°27	9°39	8°12	16°51	26°27	F 27
S 28	6 23 16	5°44'13	29°26	14°42	17°28	24° 7	16°47	6°47	26° 4	8°51	10°27	9°28	8° 9	16°58	26°30	S 28
S 29	6 27 12	6°45'24	12♒17	15°59	18°43	24°54	16°44	6°49	26° 4	8°50	10°26	9°18	8° 5	17° 4	26°33	S 29
M30	6 31 9	7°46'35	25°20	17°18	19°58	25°40	16°42	6°51	26° 5	8°49	10°26	9° 9	8° 2	17°11	26°36	M30
T 31	6 35 5	8♑47'46	8♓35	18♐38	21♑14	26♒27	16♉39	6♎52	26♍ 5	8♉49	10♍25	9♏ 2	7♏59	17♏18	26♒39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s43	14s36	5n10	21s21	0n52	22s37	0s10	20s50	1s25	16n27	1s 8	0s 2	2n14	2n26	0n45	12n53	1s51	20n17	13n42	15s 5	14s42	15s41	7s28	5n56
M 2	21 52	11 18	5 13	20 50	1 12	22 49	0 12	20 38	1 24	16 25	1 8	0 4	2 14	2 25	0 45	12 52	1 51	20 17	13 43	15 4	14 41	15 42	7 28	5 55
T 3	22 1	7 24	4 59	20 20	1 31	22 59	0 15	20 26	1 23	16 23	1 8	0 5	2 15	2 24	0 45	12 52	1 51	20 18	13 43	15 3	14 40	15 43	7 27	5 55
W 4	22 10	3 2	4 29	19 50	1 48	23 9	0 17	20 14	1 23	16 22	1 8	0 7	2 15	2 24	0 45	12 51	1 51	20 18	13 44	15 3	14 39	15 44	7 27	5 54
T 5	22 18	1n36	3 43	19 22	2 4	23 18	0 19	20 2	1 22	16 20	1 8	0 8	2 15	2 23	0 45	12 51	1 51	20 18	13 44	15 3	14 38	15 45	7 27	5 54
F 6	22 26	6 16	2 43	18 56	2 17	23 27	0 22	19 50	1 21	16 18	1 7	0 10	2 15	2 23	0 45	12 51	1 51	20 19	13 45	15 4	14 37	15 46	7 27	5 54
S 7	22 33	10 43	1 31	18 34	2 28	23 35	0 24	19 37	1 21	16 17	1 7	0 11	2 16	2 22	0 45	12 50	1 51	20 19	13 45	15 4	14 36	15 47	7 27	5 53
S 8	22 40	14 36	0 11	18 16	2 37	23 42	0 27	19 25	1 20	16 15	1 7	0 12	2 16	2 22	0 45	12 50	1 51	20 20	13 46	15 5	14 35	15 49	7 26	5 53
M 9	22 47	17 35	1s10	18 2	2 44	23 48	0 29	19 12	1 19	16 14	1 7	0 14	2 16	2 21	0 45	12 49	1 51	20 20	13 46	15 4	14 34	15 50	7 26	5 52
T 10	22 53	19 22	2 27	17 52	2 48	23 54	0 31	18 59	1 19	16 12	1 7	0 15	2 16	2 21	0 45	12 49	1 51	20 20	13 46	15 4	14 33	15 51	7 26	5 52
W11	22 58	19 47	3 33	17 46	2 51	23 58	0 33	18 45	1 18	16 11	1 6	0 16	2 17	2 20	0 45	12 49	1 51	20 21	13 47	15 2	14 32	15 52	7 25	5 52
T 12	23 3	18 49	4 24	17 44	2 51	24 3	0 36	18 32	1 17	16 9	1 6	0 18	2 17	2 20	0 45	12 48	1 51	20 21	13 47	15 0	14 31	15 53	7 25	5 51
F 13	23 8	16 38	4 56	17 45	2 50	24 6	0 38	18 18	1 17	16 8	1 6	0 19	2 17	2 19	0 45	12 48	1 50	20 22	13 48	14 58	14 30	15 54	7 25	5 51
S 14	23 12	13 32	5 10	17 49	2 48	24 9	0 40	18 4	1 16	16 7	1 6	0 20	2 17	2 19	0 45	12 48	1 50	20 22	13 48	14 56	14 29	15 55	7 24	5 51
S 15	23 16	9 49	5 5	17 57	2 45	24 10	0 42	17 50	1 15	16 5	1 5	0 21	2 18	2 19	0 45	12 47	1 50	20 22	13 49	14 55	14 28	15 56	7 24	5 50
M16	23 19	5 44	4 45	18 7	2 41	24 12	0 44	17 36	1 15	16 4	1 5	0 22	2 18	2 18	0 46	12 47	1 50	20 23	13 49	14 53	14 27	15 57	7 23	5 50
T 17	23 22	1 31	4 11	18 18	2 35	24 12	0 47	17 21	1 14	16 3	1 5	0 23	2 18	2 18	0 46	12 47	1 50	20 23	13 50	14 53	14 26	15 58	7 23	5 49
W18	23 24	2s38	3 26	18 32	2 30	24 12	0 49	17 7	1 13	16 2	1 5	0 24	2 18	2 18	0 46	12 46	1 50	20 24	13 50	14 53	14 25	15 59	7 22	5 49
T 19	23 26	6 37	2 33	18 47	2 23	24 11	0 51	16 52	1 12	16 1	1 4	0 25	2 19	2 18	0 46	12 46	1 50	20 24	13 51	14 53	14 24	16 1	7 22	5 49
F 20	23 27	10 17	1 34	19 3	2 16	24 9	0 53	16 37	1 12	16 0	1 4	0 26	2 19	2 17	0 46	12 46	1 50	20 25	13 51	14 53	14 23	16 2	7 21	5 48
S 21	23 28	13 31	0 31	19 20	2 9	24 6	0 55	16 22	1 11	15 59	1 4	0 27	2 19	2 17	0 46	12 46	1 50	20 25	13 52	14 54	14 22	16 3	7 21	5 48
S 22	23 28	16 12	0n33	19 37	2 1	24 3	0 57	16 7	1 10	15 58	1 3	0 28	2 19	2 17	0 46	12 45	1 50	20 26	13 52	14 54	14 21	16 4	7 20	5 48
M23	23 28	18 13	1 35	19 55	1 53	23 59	0 59	15 51	1 10	15 57	1 3	0 29	2 20	2 17	0 46	12 45	1 50	20 27	13 53	14 53	14 20	16 5	7 20	5 47
T 24	23 28	19 27	2 33	20 13	1 45	23 54	1 0	15 36	1 9	15 56	1 3	0 29	2 20	2 17	0 46	12 45	1 50	20 27	13 53	14 52	14 19	16 6	7 19	5 47
W25	23 27	19 49	3 26	20 31	1 37	23 48	1 2	15 20	1 8	15 55	1 3	0 30	2 20	2 16	0 46	12 45	1 50	20 28	13 54	14 50	14 18	16 7	7 18	5 47
T 26	23 25	19 15	4 9	20 49	1 29	23 42	1 4	15 4	1 7	15 55	1 2	0 31	2 21	2 16	0 46	12 44	1 50	20 28	13 54	14 47	14 17	16 8	7 18	5 46
F 27	23 23	17 46	4 41	21 7	1 21	23 35	1 6	14 48	1 7	15 54	1 2	0 31	2 21	2 16	0 46	12 44	1 50	20 29	13 55	14 44	14 16	16 9	7 17	5 46
S 28	23 21	15 24	5 0	21 24	1 12	23 27	1 8	14 32	1 6	15 53	1 2	0 32	2 21	2 16	0 46	12 44	1 50	20 29	13 55	14 40	14 15	16 10	7 16	5 46
S 29	23 18	12 16	5 5	21 41	1 4	23 18	1 9	14 16	1 5	15 53	1 2	0 33	2 21	2 16	0 46	12 44	1 50	20 30	13 56	14 37	14 14	16 11	7 16	5 45
M30	23 15	8 29	4 53	21 57	0 56	23 9	1 11	13 59	1 4	15 52	1 1	0 33	2 22	2 16	0 46	12 44	1 50	20 31	13 56	14 34	14 12	16 12	7 15	5 45
T 31	23s11	4s15	4n26	22s12	0n47	22s59	1s12	13s43	1s 4	15n52	1s 1	0s34	2n22	2n16	0n46	12n44	1s50	20n31	13n56	14s32	14s11	16s13	7s14	5n45

Julian Day Number = 2347784.5, Delta T = 10.70 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'28, Lahiri = 19°53'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

JANUARY 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 39 2	9♉48'56	22♓ 3	20♐ 0	22♉29	27♒13	16°R37	6♎54	26°R 5	8°R48	10°R24	8°R59	7♏56	17♏24	26♒43	W 1
T 2	6 42 59	10°50'07	5♈43	21°22	23°44	28° 0	16♉35	6°56	26♍ 5	8♉47	10♍24	8°D57	7°53	17°31	26°46	T 2
F 3	6 46 55	11°51'16	19°37	22°45	25° 0	28°46	16°33	6°57	26° 5	8°47	10°23	8♏57	7°50	17°38	26°49	F 3
S 4	6 50 52	12°52'26	3♉45	24°10	26°15	29°33	16°32	6°59	26° 4	8°46	10°23	8°R58	7°46	17°44	26°52	S 4
S 5	6 54 48	13°53'35	18° 7	25°35	27°30	0♓19	16°30	7° 0	26° 4	8°46	10°22	8°57	7°43	17°51	26°55	S 5
M 6	6 58 45	14°54'43	2♊39	27° 1	28°45	1° 5	16°29	7° 1	26° 4	8°45	10°21	8°55	7°40	17°57	26°59	M 6
T 7	7 2 41	15°55'51	17°18	28°27	0♒ 1	1°52	16°28	7° 2	26° 4	8°45	10°20	8°50	7°37	18° 4	27° 2	T 7
W 8	7 6 38	16°56'59	1♋58	29°54	1°16	2°38	16°27	7° 3	26° 3	8°44	10°20	8°43	7°34	18°11	27° 5	W 8
T 9	7 10 34	17°58'06	16°31	1♉22	2°31	3°25	16°27	7° 4	26° 3	8°44	10°19	8°33	7°31	18°17	27° 9	T 9
F 10	7 14 31	18°59'13	0♌50	2°51	3°46	4°11	16°26	7° 5	26° 2	8°44	10°18	8°21	7°27	18°24	27°12	F 10
S 11	7 18 28	20° 0'19	14°50	4°20	5° 1	4°57	16°D26	7° 6	26° 2	8°43	10°17	8°10	7°24	18°31	27°16	S 11
S 12	7 22 24	21° 1'25	28°25	5°50	6°17	5°44	16°26	7° 6	26° 1	8°43	10°16	7°59	7°21	18°37	27°19	S 12
M13	7 26 21	22° 2'31	11♍35	7°20	7°32	6°30	16°26	7° 7	26° 1	8°43	10°15	7°50	7°18	18°44	27°23	M13
T 14	7 30 17	23° 3'36	24°20	8°51	8°47	7°16	16°27	7° 7	26° 0	8°43	10°14	7°44	7°15	18°51	27°26	T 14
W15	7 34 14	24° 4'41	6♎43	10°22	10° 2	8° 2	16°27	7° 7	25°59	8°42	10°13	7°41	7°11	18°57	27°30	W15
T 16	7 38 10	25° 5'46	18°49	11°54	11°17	8°49	16°28	7° 8	25°58	8°42	10°13	7°40	7° 8	19° 4	27°33	T 16
F 17	7 42 7	26° 6'50	0♏43	13°27	12°32	9°35	16°29	7°R 8	25°58	8°42	10°12	7°D39	7° 5	19°11	27°37	F 17
S 18	7 46 3	27° 7'55	12°31	15° 0	13°47	10°21	16°30	7° 7	25°57	8°42	10°10	7°R39	7° 2	19°17	27°41	S 18
S 19	7 50 0	28° 8'58	24°18	16°34	15° 2	11° 7	16°32	7° 7	25°56	8°42	10° 9	7°38	6°59	19°24	27°44	S 19
M20	7 53 57	29°10'01	6♐10	18° 8	16°17	11°53	16°34	7° 7	25°55	8°D42	10° 8	7°35	6°56	19°31	27°48	M20
T 21	7 57 53	0♒11'04	18°11	19°43	17°32	12°40	16°35	7° 7	25°54	8°42	10° 7	7°29	6°52	19°37	27°52	T 21
W22	8 1 50	1°12'06	0♉24	21°18	18°48	13°26	16°37	7° 6	25°52	8°42	10° 6	7°21	6°49	19°44	27°56	W22
T 23	8 5 46	2°13'07	12°52	22°54	20° 3	14°12	16°40	7° 5	25°51	8°42	10° 5	7° 9	6°46	19°51	28° 0	T 23
F 24	8 9 43	3°14'08	25°36	24°31	21°18	14°58	16°42	7° 5	25°50	8°42	10° 4	6°56	6°43	19°57	28° 3	F 24
S 25	8 13 39	4°15'07	8♒35	26° 8	22°33	15°44	16°45	7° 4	25°49	8°43	10° 3	6°42	6°40	20° 4	28° 7	S 25
S 26	8 17 36	5°16'06	21°50	27°47	23°48	16°30	16°48	7° 3	25°48	8°43	10° 1	6°29	6°37	20°10	28°11	S 26
M27	8 21 32	6°17'03	5♓17	29°25	25° 2	17°16	16°51	7° 2	25°46	8°43	10° 0	6°17	6°33	20°17	28°15	M27
T 28	8 25 29	7°17'59	18°54	1♒ 5	26°17	18° 2	16°54	7° 1	25°45	8°43	9°59	6° 8	6°30	20°24	28°19	T 28
W29	8 29 26	8°18'54	2♈39	2°45	27°32	18°48	16°57	6°59	25°43	8°44	9°58	6° 2	6°27	20°30	28°23	W29
T 30	8 33 22	9°19'48	16°30	4°26	28°47	19°34	17° 1	6°58	25°42	8°44	9°56	5°59	6°24	20°37	28°27	T 30
F 31	8 37 19	10♒20'40	0♉27	6♒ 7	0♓ 2	20♓20	17♉ 5	6♎57	25♍40	8♉44	9♍55	5♏58	6♏21	20♏44	28♒31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 7	0n16	3n43	22s27	0n39	22s49	1s14	13s26	1s 3	15n52	1s 1	0s34	2n22	2n16	0n46	12n43	1s50	20n32	13n57	14s31	14s10	16s14	7s14	5n45
T 2	23 2	4 51	2 48	22 41	0 31	22 37	1 15	13 10	1 2	15 51	1 0	0 34	2 23	2 16	0 46	12 43	1 49	20 33	13 57	14 30	14 9	16 15	7 13	5 44
F 3	22 57	9 15	1 41	22 54	0 23	22 25	1 17	12 53	1 1	15 51	1 0	0 35	2 23	2 16	0 46	12 43	1 49	20 33	13 58	14 30	14 8	16 16	7 12	5 44
S 4	22 51	13 13	0 28	23 6	0 15	22 13	1 18	12 36	1 1	15 51	1 0	0 35	2 23	2 16	0 46	12 43	1 49	20 34	13 58	14 30	14 7	16 17	7 11	5 44
S 5	22 45	16 28	0s49	23 17	0 7	21 59	1 19	12 19	1 0	15 51	1 0	0 35	2 23	2 16	0 46	12 43	1 49	20 35	13 59	14 30	14 6	16 18	7 10	5 43
M 6	22 38	18 43	2 3	23 27	0s 1	21 45	1 21	12 1	0 59	15 51	0 59	0 35	2 24	2 17	0 46	12 43	1 49	20 35	13 59	14 30	14 5	16 19	7 10	5 43
T 7	22 31	19 44	3 9	23 36	0 8	21 31	1 22	11 44	0 58	15 51	0 59	0 36	2 24	2 17	0 46	12 43	1 49	20 36	14 0	14 28	14 4	16 20	7 9	5 43
W 8	22 24	19 25	4 3	23 44	0 15	21 15	1 23	11 27	0 58	15 51	0 59	0 36	2 24	2 17	0 46	12 43	1 49	20 37	14 0	14 26	14 3	16 21	7 8	5 43
T 9	22 16	17 49	4 40	23 51	0 23	20 59	1 24	11 9	0 57	15 51	0 58	0 36	2 25	2 17	0 47	12 43	1 49	20 37	14 0	14 22	14 2	16 22	7 7	5 42
F 10	22 8	15 7	5 0	23 56	0 30	20 43	1 25	10 52	0 56	15 51	0 58	0 36	2 25	2 17	0 47	12 43	1 49	20 38	14 1	14 19	14 1	16 23	7 6	5 42
S 11	21 59	11 37	5 0	24 1	0 37	20 26	1 26	10 34	0 55	15 51	0 58	0 36	2 25	2 18	0 47	12 43	1 49	20 39	14 1	14 15	14 0	16 24	7 5	5 42
S 12	21 50	7 36	4 43	24 4	0 43	20 8	1 27	10 16	0 54	15 51	0 58	0 36	2 25	2 18	0 47	12 42	1 49	20 39	14 2	14 11	13 59	16 25	7 4	5 41
M13	21 40	3 21	4 12	24 6	0 50	19 50	1 28	9 58	0 54	15 52	0 57	0 36	2 26	2 18	0 47	12 42	1 49	20 40	14 2	14 9	13 58	16 26	7 3	5 41
T 14	21 30	0s56	3 29	24 7	0 56	19 31	1 29	9 40	0 53	15 52	0 57	0 36	2 26	2 18	0 47	12 42	1 49	20 41	14 2	14 7	13 57	16 27	7 2	5 41
W15	21 20	5 4	2 37	24 6	1 2	19 11	1 29	9 22	0 52	15 53	0 57	0 36	2 26	2 19	0 47	12 42	1 49	20 42	14 3	14 6	13 56	16 28	7 1	5 41
T 16	21 9	8 54	1 38	24 4	1 8	18 51	1 30	9 4	0 51	15 53	0 56	0 35	2 27	2 19	0 47	12 42	1 49	20 42	14 3	14 5	13 55	16 29	7 0	5 41
F 17	20 57	12 19	0 37	24 1	1 13	18 31	1 30	8 46	0 51	15 54	0 56	0 35	2 27	2 19	0 47	12 43	1 49	20 43	14 4	14 5	13 54	16 30	6 59	5 40
S 18	20 46	15 12	0n26	23 56	1 19	18 10	1 31	8 28	0 50	15 54	0 56	0 35	2 27	2 20	0 47	12 43	1 48	20 44	14 4	14 5	13 53	16 31	6 58	5 40
S 19	20 34	17 28	1 27	23 50	1 24	17 48	1 31	8 10	0 49	15 55	0 56	0 34	2 27	2 20	0 47	12 43	1 48	20 45	14 4	14 5	13 52	16 32	6 57	5 40
M20	20 21	18 59	2 25	23 43	1 29	17 26	1 32	7 51	0 48	15 56	0 55	0 34	2 28	2 21	0 47	12 43	1 48	20 45	14 5	14 4	13 51	16 33	6 56	5 40
T 21	20 8	19 41	3 17	23 34	1 33	17 4	1 32	7 33	0 47	15 56	0 55	0 34	2 28	2 21	0 47	12 43	1 48	20 46	14 5	14 2	13 50	16 34	6 55	5 39
W22	19 55	19 28	4 1	23 24	1 38	16 41	1 32	7 14	0 47	15 57	0 55	0 33	2 28	2 22	0 47	12 43	1 48	20 47	14 5	13 59	13 49	16 35	6 54	5 39
T 23	19 42	18 18	4 34	23 12	1 42	16 17	1 33	6 56	0 46	15 58	0 54	0 33	2 29	2 22	0 47	12 43	1 48	20 48	14 6	13 55	13 48	16 36	6 53	5 39
F 24	19 28	16 14	4 54	22 59	1 46	15 53	1 33	6 37	0 45	15 59	0 54	0 32	2 29	2 23	0 47	12 43	1 48	20 48	14 6	13 51	13 47	16 37	6 52	5 39
S 25	19 13	13 19	5 0	22 44	1 49	15 29	1 33	6 19	0 44	16 0	0 54	0 32	2 29	2 23	0 47	12 43	1 48	20 49	14 6	13 46	13 46	16 38	6 51	5 39
S 26	18 59	9 41	4 50	22 28	1 52	15 4	1 33	6 0	0 43	16 1	0 54	0 31	2 29	2 24	0 47	12 43	1 48	20 50	14 7	13 42	13 44	16 39	6 49	5 39
M27	18 44	5 30	4 23	22 11	1 55	14 39	1 33	5 42	0 43	16 2	0 53	0 30	2 30	2 24	0 47	12 43	1 48	20 51	14 7	13 38	13 43	16 40	6 48	5 38
T 28	18 28	1 0	3 41	21 51	1 57	14 13	1 32	5 23	0 42	16 4	0 53	0 30	2 30	2 25	0 47	12 44	1 48	20 51	14 7	13 35	13 42	16 41	6 47	5 38
W29	18 13	3n36	2 46	21 31	2 0	13 47	1 32	5 4	0 41	16 5	0 53	0 29	2 30	2 26	0 47	12 44	1 48	20 52	14 8	13 33	13 41	16 42	6 46	5 38
T 30	17 57	8 3	1 41	21 9	2 1	13 21	1 32	4 45	0 40	16 6	0 53	0 28	2 31	2 26	0 47	12 44	1 48	20 53	14 8	13 32	13 40	16 43	6 45	5 38
F 31	17s40	12n 6	0n29	20s45	2s 3	12s54	1s31	4s27	0s40	16n 8	0s52	0s27	2n31	2n27	0n47	12n44	1s48	20n54	14n 8	13s32	13s39	16s44	6s43	5n38

Julian Day Number = 2347815.5, Delta T = 10.69 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'32, Lahiri = 19°53'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

FEBRUARY 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 41 15	11♒21'31	14♉30	7♒49	1♓17	21♓ 6	17♉ 9	6°R55	25°R39	8♉45	9°R54	5°R58	6♏17	20♏50	28♒35	S 1
S 2	8 45 12	12°22'21	28°37	9°32	2°32	21°52	17°13	6♎53	25♍37	8°45	9♍52	5♏58	6°14	20°57	28°39	S 2
M 3	8 49 8	13°23'09	12♊48	11°16	3°46	22°37	17°18	6°52	25°35	8°46	9°51	5°55	6°11	21° 4	28°43	M 3
T 4	8 53 5	14°23'55	27° 1	13° 1	5° 1	23°23	17°22	6°50	25°34	8°46	9°50	5°50	6° 8	21°10	28°47	T 4
W 5	8 57 1	15°24'40	11♋12	14°46	6°16	24° 9	17°27	6°48	25°32	8°47	9°48	5°42	6° 5	21°17	28°51	W 5
T 6	9 0 58	16°25'24	25°19	16°32	7°30	24°55	17°32	6°46	25°30	8°47	9°47	5°31	6° 2	21°24	28°55	T 6
F 7	9 4 55	17°26'06	9♌15	18°19	8°45	25°40	17°37	6°44	25°28	8°48	9°45	5°19	5°58	21°30	28°59	F 7
S 8	9 8 51	18°26'46	22°56	20° 6	10° 0	26°26	17°42	6°41	25°26	8°49	9°44	5° 7	5°55	21°37	29° 3	S 8
S 9	9 12 48	19°27'25	6♍19	21°55	11°14	27°11	17°48	6°39	25°24	8°49	9°43	4°55	5°52	21°44	29° 7	S 9
M10	9 16 44	20°28'03	19°22	23°44	12°29	27°57	17°53	6°37	25°22	8°50	9°41	4°45	5°49	21°50	29°11	M10
T 11	9 20 41	21°28'40	2♎ 4	25°33	13°43	28°43	17°59	6°34	25°21	8°51	9°40	4°38	5°46	21°57	29°15	T 11
W12	9 24 37	22°29'15	14°27	27°23	14°58	29°28	18° 5	6°31	25°18	8°52	9°38	4°34	5°42	22° 4	29°19	W12
T 13	9 28 34	23°29'49	26°34	29°14	16°12	0♈13	18°11	6°29	25°16	8°52	9°37	4°32	5°39	22°10	29°23	T 13
F 14	9 32 30	24°30'21	8♏30	1♓ 5	17°27	0°59	18°17	6°26	25°14	8°53	9°35	4°D32	5°36	22°17	29°28	F 14
S 15	9 36 27	25°30'53	20°19	2°57	18°41	1°44	18°24	6°23	25°12	8°54	9°34	4°R32	5°33	22°23	29°32	S 15
S 16	9 40 24	26°31'23	2♐ 7	4°48	19°56	2°30	18°31	6°20	25°10	8°55	9°32	4°32	5°30	22°30	29°36	S 16
M17	9 44 20	27°31'52	14° 0	6°40	21°10	3°15	18°37	6°17	25° 8	8°56	9°31	4°31	5°27	22°37	29°40	M17
T 18	9 48 17	28°32'20	26° 3	8°31	22°24	4° 0	18°44	6°14	25° 6	8°57	9°29	4°27	5°23	22°43	29°44	T 18
W19	9 52 13	29°32'46	8♑20	10°22	23°38	4°45	18°51	6°11	25° 3	8°58	9°28	4°21	5°20	22°50	29°48	W19
T 20	9 56 10	0♓33'10	20°55	12°12	24°53	5°31	18°59	6° 7	25° 1	8°59	9°26	4°12	5°17	22°57	29°52	T 20
F 21	10 0 6	1°33'34	3♒50	14° 2	26° 7	6°16	19° 6	6° 4	24°59	9° 0	9°24	4° 2	5°14	23° 3	29°56	F 21
S 22	10 4 3	2°33'55	17° 6	15°49	27°21	7° 1	19°14	6° 0	24°56	9° 1	9°23	3°51	5°11	23°10	0♓ 0	S 22
S 23	10 7 59	3°34'15	0♓40	17°35	28°35	7°46	19°21	5°57	24°54	9° 2	9°21	3°40	5° 8	23°17	0° 5	S 23
M24	10 11 56	4°34'33	14°32	19°19	29°49	8°31	19°29	5°53	24°52	9° 4	9°20	3°31	5° 4	23°23	0° 9	M24
T 25	10 15 53	5°34'50	28°35	21° 0	1♈ 3	9°16	19°37	5°50	24°49	9° 5	9°18	3°24	5° 1	23°30	0°13	T 25
W26	10 19 49	6°35'04	12♈47	22°38	2°17	10° 1	19°45	5°46	24°47	9° 6	9°17	3°20	4°58	23°37	0°17	W26
T 27	10 23 46	7°35'17	27° 1	24°12	3°31	10°46	19°54	5°42	24°44	9° 7	9°15	3°D18	4°55	23°43	0°21	T 27
F 28	10 27 42	8°35'27	11♉16	25°41	4°45	11°31	20° 2	5°38	24°42	9° 9	9°13	3°18	4°52	23°50	0°25	F 28
S 29	10 31 39	9♓35'36	25♉28	27♓ 6	5♈59	12♈16	20♉10	5♎34	24♍40	9♉10	9♍12	3♏19	4♏48	23♏57	0♓29	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s24	15n30	0s45	20s20	2s 4	12s27	1s31	4s 8	0s39	16n 9	0s52	0s26	2n31	2n27	0n47	12n44	1s48	20n55	14n 9	13s32	13s38	16s44	6s42	5n38
S 2	17 7	17 59	1 57	19 53	2 4	12 0	1 31	3 49	0 38	16 10	0 52	0 25	2 31	2 28	0 47	12 44	1 48	20 55	14 9	13 32	13 37	16 45	6 41	5 37
M 3	16 50	19 22	3 2	19 25	2 5	11 32	1 30	3 30	0 37	16 12	0 51	0 24	2 32	2 29	0 47	12 45	1 47	20 56	14 9	13 31	13 36	16 46	6 40	5 37
T 4	16 32	19 31	3 55	18 55	2 4	11 4	1 29	3 11	0 36	16 13	0 51	0 23	2 32	2 30	0 47	12 45	1 47	20 57	14 9	13 29	13 35	16 47	6 39	5 37
W 5	16 14	18 27	4 34	18 24	2 4	10 36	1 29	2 52	0 36	16 15	0 51	0 22	2 32	2 30	0 47	12 45	1 47	20 58	14 10	13 26	13 34	16 48	6 37	5 37
T 6	15 56	16 15	4 56	17 51	2 3	10 7	1 28	2 34	0 35	16 17	0 51	0 21	2 32	2 31	0 47	12 45	1 47	20 58	14 10	13 23	13 33	16 49	6 36	5 37
F 7	15 38	13 8	5 0	17 17	2 1	9 38	1 27	2 15	0 34	16 18	0 50	0 20	2 33	2 32	0 48	12 46	1 47	20 59	14 10	13 19	13 32	16 50	6 35	5 37
S 8	15 19	9 22	4 47	16 41	1 59	9 9	1 26	1 56	0 33	16 20	0 50	0 19	2 33	2 33	0 48	12 46	1 47	21 0	14 10	13 15	13 31	16 51	6 33	5 37
S 9	15 0	5 13	4 18	16 4	1 56	8 40	1 25	1 37	0 33	16 22	0 50	0 18	2 33	2 33	0 48	12 46	1 47	21 1	14 11	13 11	13 30	16 52	6 32	5 37
M10	14 41	0 55	3 35	15 25	1 53	8 11	1 24	1 18	0 32	16 24	0 50	0 17	2 33	2 34	0 48	12 46	1 47	21 2	14 11	13 7	13 29	16 53	6 31	5 36
T 11	14 22	3s19	2 43	14 44	1 49	7 41	1 23	0 59	0 31	16 25	0 49	0 16	2 34	2 35	0 48	12 47	1 47	21 2	14 11	13 5	13 28	16 53	6 30	5 36
W12	14 2	7 19	1 45	14 3	1 45	7 11	1 21	0 40	0 30	16 27	0 49	0 14	2 34	2 36	0 48	12 47	1 47	21 3	14 11	13 4	13 27	16 54	6 28	5 36
T 13	13 42	10 55	0 42	13 19	1 40	6 41	1 20	0 22	0 29	16 29	0 49	0 13	2 34	2 37	0 48	12 47	1 47	21 4	14 11	13 3	13 26	16 55	6 27	5 36
F 14	13 22	14 1	0n21	12 35	1 35	6 11	1 19	0 3	0 29	16 31	0 49	0 12	2 34	2 37	0 48	12 48	1 47	21 5	14 12	13 3	13 25	16 56	6 26	5 36
S 15	13 2	16 31	1 23	11 49	1 29	5 40	1 17	0n16	0 28	16 33	0 48	0 10	2 35	2 38	0 48	12 48	1 47	21 5	14 12	13 3	13 23	16 57	6 24	5 36
S 16	12 42	18 18	2 22	11 2	1 22	5 10	1 16	0 35	0 27	16 35	0 48	0 9	2 35	2 39	0 48	12 48	1 47	21 6	14 12	13 3	13 22	16 58	6 23	5 36
M17	12 21	19 18	3 14	10 14	1 15	4 39	1 14	0 53	0 26	16 37	0 48	0 8	2 35	2 40	0 48	12 49	1 47	21 7	14 12	13 3	13 21	16 59	6 22	5 36
T 18	12 0	19 26	3 59	9 25	1 7	4 8	1 13	1 12	0 26	16 40	0 48	0 6	2 35	2 41	0 48	12 49	1 47	21 8	14 12	13 1	13 20	17 0	6 20	5 36
W19	11 39	18 40	4 34	8 35	0 58	3 37	1 11	1 31	0 25	16 42	0 47	0 5	2 35	2 42	0 48	12 50	1 47	21 8	14 12	12 59	13 19	17 0	6 19	5 36
T 20	11 18	16 58	4 56	7 44	0 49	3 6	1 9	1 50	0 24	16 44	0 47	0 3	2 36	2 43	0 48	12 50	1 46	21 9	14 13	12 56	13 18	17 1	6 17	5 36
F 21	10 56	14 24	5 4	6 53	0 39	2 35	1 8	2 8	0 23	16 46	0 47	0 2	2 36	2 44	0 48	12 50	1 46	21 10	14 13	12 53	13 17	17 2	6 16	5 36
S 22	10 35	11 2	4 56	6 2	0 28	2 4	1 6	2 27	0 22	16 49	0 47	0 0	2 36	2 45	0 48	12 51	1 46	21 10	14 13	12 49	13 16	17 3	6 15	5 36
S 23	10 13	7 1	4 31	5 10	0 17	1 32	1 4	2 45	0 22	16 51	0 46	0n 1	2 36	2 46	0 48	12 51	1 46	21 11	14 13	12 46	13 15	17 4	6 13	5 36
M24	9 51	2 33	3 50	4 19	0 5	1 1	1 2	3 4	0 21	16 53	0 46	0 3	2 36	2 47	0 48	12 52	1 46	21 12	14 13	12 42	13 14	17 5	6 12	5 36
T 25	9 29	2n 7	2 55	3 28	0n 7	0 30	1 0	3 22	0 20	16 56	0 46	0 5	2 37	2 48	0 48	12 52	1 46	21 13	14 13	12 40	13 13	17 6	6 10	5 36
W26	9 6	6 42	1 48	2 37	0 20	0n 2	0 58	3 41	0 19	16 58	0 46	0 6	2 37	2 49	0 48	12 52	1 46	21 13	14 13	12 39	13 12	17 6	6 9	5 36
T 27	8 44	10 57	0 34	1 48	0 33	0 33	0 56	3 59	0 19	17 0	0 46	0 8	2 37	2 50	0 48	12 53	1 46	21 14	14 13	12 38	13 11	17 7	6 8	5 36
F 28	8 22	14 33	0s43	1 0	0 47	1 4	0 53	4 17	0 18	17 3	0 45	0 10	2 37	2 51	0 48	12 53	1 46	21 15	14 13	12 38	13 10	17 8	6 6	5 36
S 29	7s59	17n16	1s56	0s13	1n 1	1n36	0s51	4n35	0s17	17n 5	0s45	0n11	2n37	2n52	0n48	12n54	1s46	21n15	14n14	12s38	13s 9	17s 9	6s 5	5n36

Julian Day Number = 2347846.5, Delta T = 10.68 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'37, Lahiri = 19°53'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

MARCH 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 35	10♓35'42	9♊36	28♓25	7♈13	13♈ 1	20♉19	5°R30	24°R37	9♉11	9°R10	3°R19	4♏45	24♏ 3	0♓33	S 1
M 2	10 39 32	11°35'46	23°38	29°38	8°27	13°45	20°28	5♎26	24♍35	9°13	9♍ 9	3♏19	4°42	24°10	0°37	M 2
T 3	10 43 28	12°35'48	7♋34	0♈45	9°40	14°30	20°37	5°22	24°32	9°14	9° 7	3°16	4°39	24°17	0°41	T 3
W 4	10 47 25	13°35'48	21°23	1°44	10°54	15°15	20°46	5°18	24°29	9°15	9° 6	3°11	4°36	24°23	0°45	W 4
T 5	10 51 21	14°35'45	5♌ 3	2°36	12° 8	15°59	20°55	5°14	24°27	9°17	9° 4	3° 4	4°33	24°30	0°49	T 5
F 6	10 55 18	15°35'41	18°31	3°20	13°21	16°44	21° 4	5°10	24°24	9°18	9° 2	2°56	4°29	24°37	0°53	F 6
S 7	10 59 15	16°35'34	1♍47	3°55	14°35	17°28	21°14	5° 5	24°22	9°20	9° 1	2°48	4°26	24°43	0°57	S 7
S 8	11 3 11	17°35'25	14°49	4°22	15°48	18°13	21°23	5° 1	24°19	9°21	8°59	2°40	4°23	24°50	1° 1	S 8
M 9	11 7 8	18°35'15	27°35	4°41	17° 2	18°57	21°33	4°57	24°17	9°23	8°58	2°34	4°20	24°56	1° 5	M 9
T 10	11 11 4	19°35'02	10♎ 5	4°50	18°15	19°42	21°43	4°52	24°14	9°25	8°56	2°29	4°17	25° 3	1° 9	T 10
W11	11 15 1	20°34'47	22°22	4°R51	19°28	20°26	21°53	4°48	24°11	9°26	8°55	2°27	4°13	25°10	1°13	W11
T 12	11 18 57	21°34'31	4♏26	4°44	20°42	21°10	22° 3	4°43	24° 9	9°28	8°53	2°D26	4°10	25°16	1°17	T 12
F 13	11 22 54	22°34'13	16°20	4°29	21°55	21°55	22°13	4°39	24° 6	9°29	8°52	2°27	4° 7	25°23	1°21	F 13
S 14	11 26 50	23°33'53	28°10	4° 6	23° 8	22°39	22°23	4°34	24° 4	9°31	8°50	2°29	4° 4	25°30	1°25	S 14
S 15	11 30 47	24°33'32	9♐59	3°36	24°21	23°23	22°33	4°30	24° 1	9°33	8°49	2°30	4° 1	25°36	1°29	S 15
M16	11 34 44	25°33'08	21°52	2°59	25°34	24° 7	22°44	4°25	23°58	9°34	8°47	2°R31	3°58	25°43	1°33	M16
T 17	11 38 40	26°32'43	3♑54	2°18	26°47	24°51	22°54	4°20	23°56	9°36	8°46	2°31	3°54	25°50	1°37	T 17
W18	11 42 37	27°32'16	16°11	1°32	28° 0	25°35	23° 5	4°16	23°53	9°38	8°44	2°29	3°51	25°56	1°40	W18
T 19	11 46 33	28°31'48	28°47	0°42	29°13	26°19	23°16	4°11	23°51	9°40	8°43	2°26	3°48	26° 3	1°44	T 19
F 20	11 50 30	29°31'17	11♒44	29♓51	0♉26	27° 3	23°27	4° 6	23°48	9°42	8°41	2°22	3°45	26°10	1°48	F 20
S 21	11 54 26	0♈30'45	25° 6	28°58	1°38	27°47	23°38	4° 2	23°45	9°43	8°40	2°17	3°42	26°16	1°52	S 21
S 22	11 58 23	1°30'10	8♓52	28° 5	2°51	28°31	23°49	3°57	23°43	9°45	8°38	2°12	3°39	26°23	1°55	S 22
M23	12 2 19	2°29'34	22°59	27°13	4° 4	29°15	24° 0	3°52	23°40	9°47	8°37	2° 7	3°35	26°30	1°59	M23
T 24	12 6 16	3°28'56	7♈24	26°23	5°16	29°58	24°11	3°48	23°38	9°49	8°35	2° 4	3°32	26°36	2° 3	T 24
W25	12 10 13	4°28'16	22° 1	25°36	6°29	0♉42	24°22	3°43	23°35	9°51	8°34	2° 3	3°29	26°43	2° 6	W25
T 26	12 14 9	5°27'33	6♉43	24°53	7°41	1°26	24°34	3°38	23°32	9°53	8°33	2°D 2	3°26	26°50	2°10	T 26
F 27	12 18 6	6°26'49	21°23	24°14	8°53	2° 9	24°45	3°34	23°30	9°55	8°31	2° 3	3°23	26°56	2°13	F 27
S 28	12 22 2	7°26'02	5♊56	23°40	10° 6	2°53	24°57	3°29	23°27	9°57	8°30	2° 5	3°19	27° 3	2°17	S 28
S 29	12 25 59	8°25'13	20°18	23°10	11°18	3°36	25° 8	3°24	23°25	9°59	8°29	2° 6	3°16	27°10	2°20	S 29
M30	12 29 55	9°24'22	4♋25	22°46	12°30	4°20	25°20	3°20	23°22	10° 1	8°27	2°R 7	3°13	27°16	2°24	M30
T 31	12 33 52	10♈23'28	18♋18	22♓28	13♉42	5♉ 3	25♉32	3♎15	23♍20	10♉ 3	8♍26	2♏ 7	3♏10	27♏23	2♓27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s36	18n55	3s 2	0n31	1n15	2n 7	0s49	4n54	0s16	17n 8	0s45	0n13	2n37	2n53	0n48	12n54	1s46	21n16	14n14	12s38	13s 8	17s10	6s 3	5n36
M 2	7 13	19 22	3 57	1 13	1 29	2 38	0 47	5 12	0 16	17 10	0 45	0 15	2 38	2 54	0 48	12 55	1 46	21 17	14 14	12 38	13 6	17 10	6 2	5 36
T 3	6 51	18 39	4 37	1 52	1 43	3 10	0 44	5 30	0 15	17 13	0 44	0 17	2 38	2 55	0 48	12 55	1 46	21 17	14 14	12 37	13 5	17 11	6 1	5 36
W 4	6 28	16 49	5 1	2 28	1 57	3 41	0 42	5 48	0 14	17 16	0 44	0 18	2 38	2 56	0 48	12 56	1 46	21 18	14 14	12 36	13 4	17 12	5 59	5 36
T 5	6 4	14 4	5 7	3 1	2 10	4 12	0 39	6 6	0 13	17 18	0 44	0 20	2 38	2 57	0 48	12 56	1 46	21 19	14 14	12 33	13 3	17 13	5 58	5 36
F 6	5 41	10 36	4 56	3 31	2 23	4 43	0 37	6 23	0 13	17 21	0 44	0 22	2 38	2 58	0 48	12 57	1 46	21 19	14 14	12 31	13 2	17 14	5 56	5 36
S 7	5 18	6 39	4 29	3 56	2 35	5 14	0 34	6 41	0 12	17 24	0 44	0 24	2 38	2 59	0 48	12 57	1 46	21 20	14 14	12 28	13 1	17 14	5 55	5 36
S 8	4 55	2 28	3 49	4 18	2 47	5 45	0 31	6 59	0 11	17 26	0 43	0 26	2 38	3 0	0 48	12 58	1 46	21 20	14 14	12 25	13 0	17 15	5 53	5 36
M 9	4 31	1s45	2 57	4 35	2 58	6 15	0 29	7 16	0 10	17 29	0 43	0 28	2 39	3 1	0 48	12 58	1 45	21 21	14 14	12 23	12 59	17 16	5 52	5 36
T 10	4 8	5 49	1 58	4 47	3 7	6 46	0 26	7 34	0 10	17 32	0 43	0 29	2 39	3 2	0 48	12 59	1 45	21 22	14 14	12 21	12 58	17 17	5 51	5 36
W11	3 44	9 34	0 55	4 55	3 15	7 16	0 23	7 51	0 9	17 34	0 43	0 31	2 39	3 3	0 48	12 59	1 45	21 22	14 14	12 20	12 57	17 18	5 49	5 36
T 12	3 21	12 51	0n11	4 59	3 22	7 47	0 20	8 9	0 8	17 37	0 43	0 33	2 39	3 4	0 48	13 0	1 45	21 23	14 14	12 20	12 56	17 18	5 48	5 36
F 13	2 57	15 33	1 15	4 58	3 28	8 17	0 18	8 26	0 8	17 40	0 42	0 35	2 39	3 5	0 48	13 1	1 45	21 23	14 14	12 20	12 55	17 19	5 46	5 36
S 14	2 34	17 35	2 16	4 52	3 31	8 46	0 15	8 43	0 7	17 43	0 42	0 37	2 39	3 6	0 48	13 1	1 45	21 24	14 14	12 21	12 54	17 20	5 45	5 36
S 15	2 10	18 50	3 10	4 42	3 33	9 16	0 12	9 0	0 6	17 46	0 42	0 39	2 39	3 7	0 48	13 2	1 45	21 24	14 14	12 22	12 52	17 21	5 43	5 36
M16	1 46	19 17	3 57	4 27	3 34	9 46	0 9	9 17	0 5	17 48	0 42	0 41	2 39	3 8	0 48	13 2	1 45	21 25	14 14	12 22	12 51	17 22	5 42	5 36
T 17	1 23	18 51	4 35	4 9	3 32	10 15	0 6	9 34	0 5	17 51	0 42	0 43	2 39	3 9	0 48	13 3	1 45	21 26	14 14	12 22	12 50	17 22	5 41	5 36
W18	0 59	17 32	5 0	3 48	3 28	10 44	0 3	9 51	0 4	17 54	0 41	0 45	2 39	3 10	0 48	13 3	1 45	21 26	14 13	12 21	12 49	17 23	5 39	5 36
T 19	0 35	15 21	5 12	3 23	3 23	11 13	0n 0	10 7	0 3	17 57	0 41	0 46	2 40	3 11	0 48	13 4	1 45	21 27	14 13	12 20	12 48	17 24	5 38	5 36
F 20	0 11	12 21	5 8	2 56	3 16	11 41	0 3	10 24	0 3	18 0	0 41	0 48	2 40	3 12	0 48	13 5	1 45	21 27	14 13	12 19	12 47	17 25	5 36	5 37
S 21	0n12	8 39	4 48	2 26	3 7	12 9	0 6	10 40	0 2	18 3	0 41	0 50	2 40	3 13	0 48	13 5	1 45	21 27	14 13	12 17	12 46	17 25	5 35	5 37
S 22	0 36	4 23	4 11	1 56	2 56	12 37	0 9	10 57	0 1	18 6	0 41	0 52	2 40	3 14	0 48	13 6	1 45	21 28	14 13	12 15	12 45	17 26	5 34	5 37
M23	1 0	0n15	3 18	1 24	2 44	13 5	0 12	11 13	0 1	18 9	0 40	0 54	2 40	3 15	0 48	13 7	1 45	21 28	14 13	12 14	12 44	17 27	5 32	5 37
T 24	1 23	4 57	2 11	0 53	2 31	13 32	0 15	11 29	0n 0	18 12	0 40	0 56	2 40	3 16	0 48	13 7	1 45	21 29	14 13	12 13	12 43	17 28	5 31	5 37
W25	1 47	9 26	0 55	0 21	2 17	13 59	0 19	11 45	0 1	18 15	0 40	0 58	2 40	3 17	0 48	13 8	1 45	21 29	14 13	12 12	12 42	17 28	5 29	5 37
T 26	2 10	13 22	0s26	0s 9	2 3	14 26	0 22	12 1	0 2	18 18	0 40	1 0	2 40	3 18	0 48	13 8	1 45	21 30	14 13	12 12	12 41	17 29	5 28	5 37
F 27	2 34	16 27	1 44	0 39	1 47	14 52	0 25	12 16	0 2	18 20	0 40	1 2	2 40	3 19	0 48	13 9	1 45	21 30	14 12	12 12	12 40	17 30	5 27	5 37
S 28	2 57	18 26	2 56	1 7	1 32	15 18	0 28	12 32	0 3	18 23	0 40	1 4	2 40	3 20	0 48	13 10	1 45	21 30	14 12	12 13	12 38	17 30	5 25	5 38
S 29	3 21	19 12	3 55	1 33	1 16	15 44	0 31	12 48	0 4	18 26	0 39	1 5	2 40	3 21	0 48	13 10	1 45	21 31	14 12	12 13	12 37	17 31	5 24	5 38
M30	3 44	18 45	4 39	1 57	1 0	16 9	0 34	13 3	0 4	18 29	0 39	1 7	2 40	3 22	0 48	13 11	1 45	21 31	14 12	12 13	12 36	17 32	5 23	5 38
T 31	4n 7	17n10	5s 6	2s19	0n44	16n34	0n37	13n18	0n 5	18n32	0s39	1n 9	2n40	3n23	0n48	13n12	1s45	21n32	14n12	12s13	12s35	17s33	5s21	5n38

Julian Day Number = 2347875.5, Delta T = 10.68 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'41, Lahiri = 19°53'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

APRIL 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 37 48	11♈22'32	1♌55	22°R15	14♉54	5♉47	25♉44	3°R10	23°R18	10♉ 5	8°R25	2°R 5	3♏ 7	27♏30	2♓31	W 1
T 2	12 41 45	12°21'33	15°16	22♓ 8	16° 6	6°30	25°56	3♎ 6	23♍15	10° 7	8♍23	2♏ 3	3° 4	27°36	2°34	T 2
F 3	12 45 41	13°20'32	28°23	22°D 6	17°18	7°13	26° 8	3° 1	23°13	10° 9	8°22	2° 1	3° 0	27°43	2°37	F 3
S 4	12 49 38	14°19'29	11♍16	22°10	18°30	7°56	26°20	2°57	23°10	10°11	8°21	1°58	2°57	27°50	2°41	S 4
S 5	12 53 35	15°18'24	23°55	22°19	19°41	8°40	26°32	2°52	23° 8	10°13	8°20	1°56	2°54	27°56	2°44	S 5
M 6	12 57 31	16°17'16	6♎22	22°33	20°53	9°23	26°44	2°48	23° 6	10°15	8°19	1°54	2°51	28° 3	2°47	M 6
T 7	13 1 28	17°16'07	18°37	22°52	22° 5	10° 6	26°57	2°43	23° 3	10°17	8°17	1°52	2°48	28° 9	2°51	T 7
W 8	13 5 24	18°14'55	0♏43	23°15	23°16	10°49	27° 9	2°39	23° 1	10°19	8°16	1°D52	2°45	28°16	2°54	W 8
T 9	13 9 21	19°13'42	12°41	23°43	24°27	11°32	27°22	2°34	22°59	10°21	8°15	1°52	2°41	28°23	2°57	T 9
F 10	13 13 17	20°12'27	24°33	24°16	25°39	12°15	27°34	2°30	22°56	10°24	8°14	1°53	2°38	28°29	3° 0	F 10
S 11	13 17 14	21°11'10	6♐22	24°52	26°50	12°58	27°47	2°26	22°54	10°26	8°13	1°54	2°35	28°36	3° 3	S 11
S 12	13 21 10	22° 9'51	18°11	25°32	28° 1	13°40	27°59	2°21	22°52	10°28	8°12	1°55	2°32	28°43	3° 6	S 12
M13	13 25 7	23° 8'30	0♑ 5	26°16	29°12	14°23	28°12	2°17	22°50	10°30	8°11	1°56	2°29	28°49	3° 9	M13
T 14	13 29 4	24° 7'08	12° 7	27° 4	0♊23	15° 6	28°25	2°13	22°48	10°32	8°10	1°57	2°25	28°56	3°12	T 14
W15	13 33 0	25° 5'44	24°22	27°55	1°34	15°49	28°37	2° 9	22°46	10°34	8° 9	1°R57	2°22	29° 3	3°15	W15
T 16	13 36 57	26° 4'18	6♒55	28°49	2°45	16°31	28°50	2° 5	22°44	10°37	8° 8	1°57	2°19	29° 9	3°18	T 16
F 17	13 40 53	27° 2'51	19°49	29°46	3°55	17°14	29° 3	2° 1	22°42	10°39	8° 7	1°56	2°16	29°16	3°20	F 17
S 18	13 44 50	28° 1'22	3♓ 8	0♈46	5° 6	17°56	29°16	1°57	22°40	10°41	8° 6	1°56	2°13	29°23	3°23	S 18
S 19	13 48 46	28°59'51	16°53	1°49	6°16	18°39	29°29	1°53	22°38	10°43	8° 5	1°56	2°10	29°29	3°26	S 19
M20	13 52 43	29°58'19	1♈ 4	2°54	7°27	19°21	29°42	1°49	22°36	10°45	8° 4	1°55	2° 6	29°36	3°29	M20
T 21	13 56 39	0♉56'45	15°37	4° 3	8°37	20° 4	29°55	1°45	22°34	10°48	8° 4	1°55	2° 3	29°43	3°31	T 21
W22	14 0 36	1°55'09	0♉29	5°13	9°47	20°46	0♊ 9	1°41	22°32	10°50	8° 3	1°55	2° 0	29°49	3°34	W22
T 23	14 4 33	2°53'31	15°30	6°26	10°57	21°29	0°22	1°38	22°30	10°52	8° 2	1°55	1°57	29°56	3°36	T 23
F 24	14 8 29	3°51'52	0♊33	7°42	12° 7	22°11	0°35	1°34	22°29	10°54	8° 1	1°55	1°54	0♐ 3	3°39	F 24
S 25	14 12 26	4°50'11	15°29	8°59	13°17	22°53	0°48	1°30	22°27	10°57	8° 1	1°55	1°50	0° 9	3°41	S 25
S 26	14 16 22	5°48'27	0♋11	10°19	14°27	23°35	1° 2	1°27	22°25	10°59	8° 0	1°54	1°47	0°16	3°44	S 26
M27	14 20 19	6°46'42	14°33	11°41	15°37	24°18	1°15	1°24	22°23	11° 1	7°59	1°54	1°44	0°23	3°46	M27
T 28	14 24 15	7°44'54	28°33	13° 5	16°46	25° 0	1°28	1°20	22°22	11° 3	7°59	1°54	1°41	0°29	3°48	T 28
W29	14 28 12	8°43'05	12♌ 9	14°31	17°56	25°42	1°42	1°17	22°20	11° 6	7°58	1°D54	1°38	0°36	3°50	W29
T 30	14 32 8	9♉41'13	25♌24	15♈59	19♊ 5	26♉24	1♊55	1♎14	22♍19	11♉ 8	7♍57	1♏54	1♏35	0♐43	3♓53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n30	14n38	5s15	2s38	0n29	16n59	0n41	13n33	0n 6	18n35	0s39	1n11	2n40	3n24	0n48	13n12	1s45	21n32	14n12	12s13	12s34	17s33	5s20	5n38
T 2	4 53	11 23	5 7	2 55	0 13	17 23	0 44	13 48	0 6	18 38	0 39	1 13	2 40	3 25	0 48	13 13	1 45	21 32	14 11	12 12	12 33	17 34	5 18	5 38
F 3	5 16	7 38	4 43	3 10	0s 2	17 46	0 47	14 3	0 7	18 41	0 39	1 15	2 40	3 26	0 48	13 14	1 45	21 32	14 11	12 11	12 32	17 35	5 17	5 38
S 4	5 39	3 35	4 5	3 21	0 16	18 10	0 50	14 18	0 8	18 44	0 38	1 16	2 40	3 27	0 48	13 14	1 45	21 33	14 11	12 11	12 31	17 35	5 16	5 39
S 5	6 2	0s34	3 15	3 31	0 30	18 32	0 53	14 32	0 8	18 47	0 38	1 18	2 40	3 28	0 48	13 15	1 44	21 33	14 11	12 10	12 30	17 36	5 14	5 39
M 6	6 25	4 37	2 17	3 37	0 43	18 55	0 56	14 47	0 9	18 50	0 38	1 20	2 40	3 29	0 48	13 16	1 44	21 33	14 11	12 9	12 29	17 37	5 13	5 39
T 7	6 47	8 26	1 13	3 41	0 56	19 16	1 0	15 1	0 10	18 53	0 38	1 22	2 40	3 30	0 48	13 16	1 44	21 34	14 10	12 9	12 28	17 37	5 12	5 39
W 8	7 10	11 50	0 6	3 43	1 8	19 38	1 3	15 15	0 10	18 56	0 38	1 23	2 40	3 30	0 48	13 17	1 44	21 34	14 10	12 8	12 26	17 38	5 11	5 39
T 9	7 32	14 43	1n 0	3 42	1 19	19 58	1 6	15 29	0 11	18 59	0 38	1 25	2 40	3 31	0 48	13 18	1 44	21 34	14 10	12 8	12 25	17 39	5 9	5 40
F 10	7 55	16 57	2 3	3 39	1 30	20 19	1 9	15 43	0 11	19 2	0 38	1 27	2 40	3 32	0 48	13 18	1 44	21 34	14 10	12 9	12 24	17 40	5 8	5 40
S 11	8 17	18 27	3 0	3 34	1 40	20 39	1 12	15 57	0 12	19 5	0 37	1 28	2 40	3 33	0 48	13 19	1 44	21 34	14 10	12 9	12 23	17 40	5 7	5 40
S 12	8 39	19 8	3 50	3 26	1 49	20 58	1 15	16 10	0 13	19 8	0 37	1 30	2 39	3 34	0 48	13 20	1 44	21 35	14 9	12 9	12 22	17 41	5 5	5 40
M13	9 0	18 58	4 30	3 17	1 58	21 16	1 18	16 23	0 13	19 11	0 37	1 32	2 39	3 35	0 48	13 20	1 44	21 35	14 9	12 10	12 21	17 42	5 4	5 40
T 14	9 22	17 58	4 59	3 5	2 6	21 35	1 21	16 37	0 14	19 14	0 37	1 33	2 39	3 35	0 48	13 21	1 44	21 35	14 9	12 10	12 20	17 42	5 3	5 41
W15	9 44	16 6	5 15	2 52	2 13	21 52	1 24	16 50	0 15	19 17	0 37	1 35	2 39	3 36	0 48	13 22	1 44	21 35	14 9	12 10	12 19	17 43	5 2	5 41
T 16	10 5	13 28	5 17	2 36	2 20	22 9	1 27	17 3	0 15	19 20	0 37	1 36	2 39	3 37	0 48	13 23	1 44	21 35	14 8	12 10	12 18	17 44	5 1	5 41
F 17	10 26	10 6	5 2	2 19	2 26	22 26	1 30	17 15	0 16	19 23	0 36	1 38	2 39	3 38	0 48	13 23	1 44	21 35	14 8	12 10	12 17	17 44	4 59	5 41
S 18	10 47	6 8	4 32	2 0	2 31	22 42	1 32	17 28	0 16	19 26	0 36	1 39	2 39	3 39	0 47	13 24	1 44	21 35	14 8	12 10	12 16	17 45	4 58	5 41
S 19	11 8	1 44	3 45	1 39	2 36	22 57	1 35	17 40	0 17	19 29	0 36	1 41	2 39	3 39	0 47	13 25	1 44	21 36	14 8	12 10	12 14	17 45	4 57	5 42
M20	11 29	2n55	2 43	1 17	2 40	23 12	1 38	17 53	0 18	19 32	0 36	1 42	2 39	3 40	0 47	13 25	1 44	21 36	14 7	12 10	12 13	17 46	4 56	5 42
T 21	11 49	7 32	1 29	0 53	2 43	23 26	1 41	18 5	0 18	19 35	0 36	1 44	2 39	3 41	0 47	13 26	1 44	21 36	14 7	12 9	12 12	17 47	4 55	5 42
W22	12 9	11 47	0 8	0 28	2 46	23 39	1 43	18 17	0 19	19 38	0 36	1 45	2 38	3 41	0 47	13 27	1 44	21 36	14 7	12 9	12 11	17 47	4 54	5 42
T 23	12 30	15 19	1s15	0 1	2 48	23 52	1 46	18 28	0 19	19 40	0 36	1 46	2 38	3 42	0 47	13 27	1 44	21 36	14 6	12 9	12 10	17 48	4 52	5 43
F 24	12 49	17 48	2 33	0n27	2 50	24 4	1 49	18 40	0 20	19 43	0 36	1 48	2 38	3 43	0 47	13 28	1 44	21 36	14 6	12 9	12 9	17 49	4 51	5 43
S 25	13 9	19 3	3 39	0 57	2 51	24 16	1 51	18 51	0 21	19 46	0 35	1 49	2 38	3 43	0 47	13 29	1 44	21 36	14 6	12 9	12 8	17 49	4 50	5 43
S 26	13 29	18 58	4 30	1 28	2 51	24 27	1 54	19 2	0 21	19 49	0 35	1 50	2 38	3 44	0 47	13 30	1 44	21 36	14 5	12 9	12 7	17 50	4 49	5 43
M27	13 48	17 39	5 3	2 0	2 51	24 37	1 56	19 13	0 22	19 52	0 35	1 51	2 38	3 45	0 47	13 30	1 44	21 36	14 5	12 9	12 6	17 51	4 48	5 44
T 28	14 7	15 18	5 17	2 34	2 50	24 47	1 58	19 24	0 22	19 55	0 35	1 53	2 38	3 45	0 47	13 31	1 44	21 36	14 5	12 9	12 5	17 51	4 47	5 44
W29	14 26	12 10	5 13	3 8	2 49	24 56	2 1	19 35	0 23	19 58	0 35	1 54	2 38	3 46	0 47	13 32	1 44	21 36	14 5	12 9	12 3	17 52	4 46	5 44
T 30	14n44	8n30	4s51	3n44	2s47	25n 4	2n 3	19n45	0n24	20n 0	0s35	1n55	2n37	3n46	0n47	13n32	1s44	21n36	14n 4	12s 9	12s 2	17s52	4s45	5n44

Julian Day Number = 2347906.5, Delta T = 10.67 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'45, Lahiri = 19°53'45Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

MAY 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 5	10♉39'20	8♍18	17♈30	20♊14	27♉ 6	2♊ 9	1°R11	22°R17	11♉10	7°R57	1♏55	1♏31	0♐49	3♓55	F 1
S 2	14 40 2	11°37'24	20°56	19° 2	21°23	27°48	2°22	1♎ 8	22♍16	11°12	7♍56	1°55	1°28	0°56	3°57	S 2
S 3	14 43 58	12°35'27	3♎19	20°36	22°32	28°29	2°36	1° 5	22°15	11°15	7°56	1°56	1°25	1° 3	3°59	S 3
M 4	14 47 55	13°33'27	15°30	22°12	23°41	29°11	2°49	1° 2	22°13	11°17	7°55	1°57	1°22	1° 9	4° 1	M 4
T 5	14 51 51	14°31'26	27°33	23°51	24°50	29°53	3° 3	0°59	22°12	11°19	7°55	1°R58	1°19	1°16	4° 3	T 5
W 6	14 55 48	15°29'24	9♏29	25°31	25°58	0♊35	3°17	0°57	22°11	11°21	7°54	1°58	1°16	1°23	4° 5	W 6
T 7	14 59 44	16°27'20	21°20	27°13	27° 7	1°16	3°30	0°54	22°10	11°24	7°54	1°57	1°12	1°29	4° 7	T 7
F 8	15 3 41	17°25'14	3♐10	28°57	28°15	1°58	3°44	0°52	22° 8	11°26	7°54	1°55	1° 9	1°36	4° 8	F 8
S 9	15 7 37	18°23'07	14°59	0♉43	29°23	2°40	3°58	0°49	22° 7	11°28	7°53	1°53	1° 6	1°43	4°10	S 9
S 10	15 11 34	19°20'58	26°51	2°32	0♋31	3°21	4°12	0°47	22° 6	11°30	7°53	1°50	1° 3	1°49	4°12	S 10
M11	15 15 31	20°18'48	8♑47	4°22	1°39	4° 3	4°25	0°45	22° 5	11°33	7°53	1°48	1° 0	1°56	4°13	M11
T 12	15 19 27	21°16'37	20°52	6°14	2°47	4°44	4°39	0°42	22° 4	11°35	7°53	1°45	0°56	2° 3	4°15	T 12
W13	15 23 24	22°14'25	3♒ 8	8° 8	3°54	5°26	4°53	0°40	22° 3	11°37	7°52	1°43	0°53	2° 9	4°16	W13
T 14	15 27 20	23°12'11	15°39	10° 4	5° 1	6° 7	5° 7	0°38	22° 3	11°39	7°52	1°42	0°50	2°16	4°18	T 14
F 15	15 31 17	24° 9'56	28°29	12° 2	6° 9	6°48	5°21	0°37	22° 2	11°42	7°52	1°D42	0°47	2°23	4°19	F 15
S 16	15 35 13	25° 7'40	11♓42	14° 2	7°16	7°30	5°35	0°35	22° 1	11°44	7°52	1°43	0°44	2°29	4°21	S 16
S 17	15 39 10	26° 5'23	25°19	16° 3	8°23	8°11	5°48	0°33	22° 0	11°46	7°52	1°44	0°41	2°36	4°22	S 17
M18	15 43 6	27° 3'05	9♈22	18° 7	9°29	8°52	6° 2	0°32	22° 0	11°48	7°52	1°45	0°37	2°43	4°23	M18
T 19	15 47 3	28° 0'46	23°51	20°12	10°36	9°33	6°16	0°30	21°59	11°50	7°D52	1°46	0°34	2°49	4°24	T 19
W20	15 50 59	28°58'26	8♉42	22°19	11°42	10°14	6°30	0°29	21°58	11°53	7°52	1°R46	0°31	2°56	4°25	W20
T 21	15 54 56	29°56'05	23°49	24°27	12°49	10°55	6°44	0°27	21°58	11°55	7°52	1°45	0°28	3° 3	4°27	T 21
F 22	15 58 53	0♊53'43	9♊ 2	26°36	13°55	11°36	6°58	0°26	21°58	11°57	7°52	1°43	0°25	3° 9	4°28	F 22
S 23	16 2 49	1°51'19	24°13	28°46	15° 0	12°17	7°12	0°25	21°57	11°59	7°52	1°39	0°22	3°16	4°28	S 23
S 24	16 6 46	2°48'55	9♋10	0♊57	16° 6	12°58	7°26	0°24	21°57	12° 1	7°52	1°35	0°18	3°23	4°29	S 24
M25	16 10 42	3°46'28	23°47	3° 9	17°12	13°39	7°40	0°23	21°57	12° 3	7°52	1°30	0°15	3°29	4°30	M25
T 26	16 14 39	4°44'01	7♌59	5°21	18°17	14°20	7°54	0°22	21°56	12° 5	7°53	1°27	0°12	3°36	4°31	T 26
W27	16 18 35	5°41'32	21°42	7°33	19°22	15° 1	8° 8	0°22	21°56	12° 8	7°53	1°25	0° 9	3°43	4°32	W27
T 28	16 22 32	6°39'02	4♍58	9°45	20°27	15°42	8°22	0°21	21°56	12°10	7°53	1°D24	0° 6	3°49	4°32	T 28
F 29	16 26 29	7°36'30	17°50	11°56	21°31	16°23	8°36	0°21	21°56	12°12	7°53	1°24	0° 2	3°56	4°33	F 29
S 30	16 30 25	8°33'57	0♎21	14° 6	22°36	17° 3	8°50	0°20	21°D56	12°14	7°54	1°25	29♎59	4° 3	4°33	S 30
S 31	16 34 22	9♊31'23	12♎35	16♊16	23♋40	17♊44	9♊ 4	0♎20	21♍56	12♉16	7♍54	1♏27	29♎56	4♐ 9	4♓34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 2	4n31	4s16	4n21	2s44	25n12	2n 5	19n56	0n24	20n 3	0s35	1n56	2n37	3n47	0n47	13n33	1s44	21n35	14n 4	12s 9	12s 1	17s53	4s44	5n45
S 2	15 21	0 24	3 29	4 58	2 41	25 18	2 7	20 6	0 25	20 6	0 35	1 57	2 37	3 48	0 47	13 34	1 44	21 35	14 4	12 10	12 0	17 54	4 43	5 45
S 3	15 38	3s39	2 32	5 37	2 38	25 25	2 9	20 16	0 25	20 9	0 34	1 58	2 37	3 48	0 47	13 34	1 44	21 35	14 3	12 10	11 59	17 54	4 42	5 45
M 4	15 56	7 30	1 30	6 17	2 34	25 30	2 11	20 25	0 26	20 12	0 34	1 59	2 37	3 49	0 47	13 35	1 44	21 35	14 3	12 10	11 58	17 55	4 41	5 45
T 5	16 13	11 0	0 24	6 57	2 29	25 35	2 13	20 35	0 26	20 14	0 34	2 0	2 37	3 49	0 47	13 36	1 44	21 35	14 3	12 10	11 57	17 55	4 40	5 46
W 6	16 30	14 1	0n42	7 39	2 24	25 39	2 15	20 44	0 27	20 17	0 34	2 1	2 36	3 50	0 47	13 37	1 44	21 35	14 2	12 10	11 56	17 56	4 39	5 46
T 7	16 47	16 26	1 45	8 21	2 18	25 43	2 17	20 54	0 27	20 20	0 34	2 2	2 36	3 50	0 47	13 37	1 44	21 35	14 2	12 10	11 55	17 57	4 38	5 46
F 8	17 3	18 8	2 44	9 4	2 12	25 46	2 18	21 3	0 28	20 23	0 34	2 3	2 36	3 50	0 47	13 38	1 44	21 35	14 2	12 10	11 54	17 57	4 37	5 46
S 9	17 20	19 3	3 36	9 47	2 5	25 48	2 20	21 11	0 29	20 25	0 34	2 3	2 36	3 51	0 47	13 39	1 44	21 34	14 1	12 9	11 52	17 58	4 36	5 47
S 10	17 35	19 7	4 19	10 31	1 58	25 50	2 21	21 20	0 29	20 28	0 34	2 4	2 36	3 51	0 47	13 39	1 44	21 34	14 1	12 8	11 51	17 58	4 36	5 47
M11	17 51	18 21	4 51	11 15	1 50	25 50	2 23	21 28	0 30	20 30	0 33	2 5	2 35	3 52	0 47	13 40	1 44	21 34	14 1	12 7	11 50	17 59	4 35	5 47
T 12	18 6	16 45	5 10	12 0	1 42	25 51	2 24	21 36	0 30	20 33	0 33	2 6	2 35	3 52	0 47	13 41	1 44	21 34	14 0	12 6	11 49	17 59	4 34	5 48
W13	18 21	14 22	5 15	12 45	1 34	25 50	2 25	21 44	0 31	20 36	0 33	2 6	2 35	3 52	0 47	13 41	1 44	21 33	14 0	12 5	11 48	18 0	4 33	5 48
T 14	18 36	11 17	5 6	13 31	1 25	25 49	2 26	21 52	0 31	20 38	0 33	2 7	2 35	3 52	0 47	13 42	1 44	21 33	13 59	12 5	11 47	18 1	4 32	5 48
F 15	18 50	7 37	4 42	14 16	1 16	25 47	2 27	22 0	0 32	20 41	0 33	2 7	2 35	3 53	0 47	13 43	1 44	21 33	13 59	12 5	11 46	18 1	4 32	5 48
S 16	19 5	3 27	4 2	15 1	1 6	25 44	2 28	22 7	0 32	20 43	0 33	2 8	2 34	3 53	0 46	13 43	1 44	21 33	13 59	12 5	11 45	18 2	4 31	5 49
S 17	19 18	1n 0	3 8	15 46	0 56	25 41	2 29	22 14	0 33	20 46	0 33	2 8	2 34	3 53	0 46	13 44	1 44	21 32	13 58	12 6	11 44	18 2	4 30	5 49
M18	19 32	5 34	2 0	16 31	0 46	25 37	2 30	22 21	0 33	20 49	0 33	2 9	2 34	3 53	0 46	13 45	1 44	21 32	13 58	12 6	11 42	18 3	4 29	5 49
T 19	19 45	9 57	0 43	17 15	0 36	25 33	2 30	22 28	0 34	20 51	0 33	2 9	2 34	3 54	0 46	13 45	1 44	21 32	13 58	12 6	11 41	18 3	4 29	5 50
W20	19 58	13 49	0s38	17 58	0 25	25 28	2 31	22 35	0 34	20 53	0 33	2 9	2 34	3 54	0 46	13 46	1 44	21 31	13 57	12 6	11 40	18 4	4 28	5 50
T 21	20 10	16 51	1 58	18 40	0 15	25 22	2 31	22 41	0 35	20 56	0 32	2 10	2 33	3 54	0 46	13 47	1 44	21 31	13 57	12 6	11 39	18 4	4 27	5 50
F 22	20 22	18 42	3 10	19 21	0 4	25 15	2 31	22 47	0 35	20 58	0 32	2 10	2 33	3 54	0 46	13 47	1 44	21 31	13 57	12 5	11 38	18 5	4 27	5 51
S 23	20 34	19 12	4 9	20 1	0n 7	25 8	2 32	22 53	0 36	21 1	0 32	2 10	2 33	3 54	0 46	13 48	1 44	21 30	13 56	12 4	11 37	18 5	4 26	5 51
S 24	20 45	18 21	4 49	20 39	0 17	25 1	2 32	22 59	0 36	21 3	0 32	2 11	2 33	3 54	0 46	13 49	1 44	21 30	13 56	12 2	11 36	18 6	4 25	5 51
M25	20 56	16 17	5 10	21 16	0 27	24 52	2 32	23 5	0 37	21 6	0 32	2 11	2 33	3 54	0 46	13 49	1 44	21 29	13 55	12 1	11 35	18 6	4 25	5 51
T 26	21 7	13 17	5 11	21 50	0 37	24 43	2 31	23 10	0 37	21 8	0 32	2 11	2 32	3 54	0 46	13 50	1 44	21 29	13 55	12 0	11 34	18 7	4 24	5 52
W27	21 17	9 39	4 53	22 23	0 47	24 34	2 31	23 15	0 38	21 10	0 32	2 11	2 32	3 54	0 46	13 50	1 44	21 29	13 55	11 59	11 32	18 7	4 24	5 52
T 28	21 27	5 39	4 21	22 53	0 57	24 24	2 31	23 20	0 38	21 13	0 32	2 11	2 32	3 55	0 46	13 51	1 44	21 28	13 54	11 59	11 31	18 8	4 23	5 52
F 29	21 37	1 30	3 36	23 20	1 6	24 13	2 30	23 25	0 39	21 15	0 32	2 11	2 32	3 54	0 46	13 52	1 44	21 28	13 54	11 59	11 30	18 8	4 23	5 53
S 30	21 46	2s37	2 42	23 45	1 14	24 2	2 30	23 30	0 39	21 17	0 32	2 11	2 31	3 54	0 46	13 52	1 44	21 27	13 54	11 59	11 29	18 9	4 22	5 53
S 31	21n55	6s32	1s41	24n 7	1n22	23n50	2n29	23n34	0n40	21n19	0s32	2n11	2n31	3n54	0n46	13n53	1s44	21n27	13n53	12s 0	11s28	18s 9	4s22	5n53

Julian Day Number = 2347936.5, Delta T = 10.66 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'49, Lahiri = 19°53'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

JUNE 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 18	10♊28'47	24♎38	18♊24	24♋44	18♊25	9♊18	0°R20	21♍56	12♉18	7♍54	1♏28	29♎53	4♐16	4♓34	M 1
T 2	16 42 15	11°26'11	6♏32	20°31	25°47	19° 5	9°32	0°D20	21°56	12°20	7°55	1°R28	29°50	4°23	4°35	T 2
W 3	16 46 11	12°23'33	18°22	22°36	26°51	19°46	9°45	0♎20	21°56	12°22	7°55	1°27	29°47	4°29	4°35	W 3
T 4	16 50 8	13°20'55	0♐11	24°39	27°54	20°26	9°59	0°20	21°57	12°24	7°56	1°23	29°43	4°36	4°35	T 4
F 5	16 54 4	14°18'16	12° 0	26°40	28°56	21° 7	10°13	0°20	21°57	12°26	7°56	1°18	29°40	4°43	4°35	F 5
S 6	16 58 1	15°15'36	23°53	28°39	29°59	21°47	10°27	0°21	21°57	12°28	7°57	1°11	29°37	4°49	4°36	S 6
S 7	17 1 58	16°12'55	5♑50	0♋36	1♌ 1	22°28	10°41	0°21	21°58	12°30	7°57	1° 3	29°34	4°56	4°36	S 7
M 8	17 5 54	17°10'14	17°54	2°31	2° 3	23° 8	10°55	0°21	21°58	12°32	7°58	0°55	29°31	5° 3	4°R36	M 8
T 9	17 9 51	18° 7'32	0♒ 6	4°23	3° 5	23°48	11° 9	0°22	21°59	12°34	7°59	0°47	29°28	5° 9	4°36	T 9
W10	17 13 47	19° 4'49	12°28	6°13	4° 6	24°29	11°23	0°23	21°59	12°36	7°59	0°40	29°24	5°16	4°35	W10
T 11	17 17 44	20° 2'07	25° 3	8° 1	5° 7	25° 9	11°37	0°24	22° 0	12°38	8° 0	0°35	29°21	5°23	4°35	T 11
F 12	17 21 40	20°59'23	7♓54	9°46	6° 8	25°49	11°51	0°25	22° 0	12°39	8° 1	0°32	29°18	5°29	4°35	F 12
S 13	17 25 37	21°56'40	21° 2	11°29	7° 8	26°29	12° 4	0°26	22° 1	12°41	8° 1	0°D31	29°15	5°36	4°35	S 13
S 14	17 29 33	22°53'56	4♈32	13° 9	8° 8	27° 9	12°18	0°27	22° 2	12°43	8° 2	0°32	29°12	5°43	4°34	S 14
M15	17 33 30	23°51'12	18°25	14°47	9° 8	27°50	12°32	0°28	22° 3	12°45	8° 3	0°33	29° 8	5°49	4°34	M15
T 16	17 37 27	24°48'27	2♉41	16°23	10° 7	28°30	12°46	0°29	22° 4	12°47	8° 4	0°R33	29° 5	5°56	4°33	T 16
W17	17 41 23	25°45'43	17°20	17°56	11° 6	29°10	13° 0	0°31	22° 5	12°48	8° 5	0°32	29° 2	6° 3	4°33	W17
T 18	17 45 20	26°42'58	2♊18	19°27	12° 4	29°50	13°13	0°32	22° 6	12°50	8° 6	0°29	28°59	6° 9	4°32	T 18
F 19	17 49 16	27°40'14	17°26	20°55	13° 3	0♋30	13°27	0°34	22° 7	12°52	8° 7	0°23	28°56	6°16	4°32	F 19
S 20	17 53 13	28°37'29	2♋36	22°20	14° 0	1°10	13°41	0°36	22° 8	12°54	8° 7	0°16	28°53	6°23	4°31	S 20
S 21	17 57 9	29°34'43	17°37	23°43	14°58	1°50	13°54	0°37	22° 9	12°55	8° 8	0° 7	28°49	6°29	4°30	S 21
M22	18 1 6	0♌31'57	2♌21	25° 3	15°54	2°29	14° 8	0°39	22°10	12°57	8° 9	29♎58	28°46	6°36	4°29	M22
T 23	18 5 2	1°29'11	16°39	26°21	16°51	3° 9	14°22	0°41	22°11	12°59	8°10	29°50	28°43	6°43	4°29	T 23
W24	18 8 59	2°26'24	0♍29	27°36	17°47	3°49	14°35	0°44	22°13	13° 0	8°12	29°44	28°40	6°49	4°28	W24
T 25	18 12 56	3°23'37	13°50	28°48	18°42	4°29	14°49	0°46	22°14	13° 2	8°13	29°40	28°37	6°56	4°27	T 25
F 26	18 16 52	4°20'49	26°44	29°57	19°37	5° 9	15° 2	0°48	22°15	13° 3	8°14	29°39	28°34	7° 3	4°26	F 26
S 27	18 20 49	5°18'01	9♎14	1♌ 4	20°31	5°48	15°16	0°50	22°17	13° 5	8°15	29°D38	28°30	7°10	4°25	S 27
S 28	18 24 45	6°15'12	21°27	2° 7	21°25	6°28	15°29	0°53	22°18	13° 7	8°16	29°39	28°27	7°16	4°23	S 28
M29	18 28 42	7°12'23	3♏27	3° 8	22°18	7° 8	15°43	0°56	22°20	13° 8	8°17	29°R39	28°24	7°23	4°22	M29
T 30	18 32 38	8♋ 9'34	15♏18	4♌ 5	23♌11	7♋47	15♊56	0♎58	22♍21	13♉ 9	8♍18	29♎38	28♎21	7♐30	4♓21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 3	10s 8	0s37	24n27	1n29	23n38	2n28	23n38	0n40	21n21	0s31	2n11	2n31	3n54	0n46	13n53	1s45	21n26	13n53	12s 0	11s27	18s10	4s21	5n54
T 2	22 11	13 17	0n28	24 43	1 36	23 25	2 27	23 42	0 41	21 24	0 31	2 10	2 31	3 54	0 46	13 54	1 45	21 26	13 53	12 0	11 26	18 10	4 21	5 54
W 3	22 19	15 52	1 31	24 57	1 42	23 12	2 26	23 46	0 41	21 26	0 31	2 10	2 31	3 54	0 46	13 55	1 45	21 25	13 52	12 0	11 25	18 11	4 21	5 54
T 4	22 26	17 47	2 30	25 9	1 47	22 58	2 24	23 49	0 41	21 28	0 31	2 10	2 30	3 54	0 46	13 55	1 45	21 25	13 52	11 58	11 23	18 11	4 20	5 55
F 5	22 33	18 56	3 22	25 17	1 51	22 44	2 23	23 52	0 42	21 30	0 31	2 10	2 30	3 54	0 46	13 56	1 45	21 24	13 51	11 57	11 22	18 12	4 20	5 55
S 6	22 39	19 15	4 6	25 23	1 55	22 29	2 21	23 55	0 42	21 32	0 31	2 9	2 30	3 54	0 46	13 56	1 45	21 24	13 51	11 54	11 21	18 12	4 19	5 55
S 7	22 46	18 42	4 39	25 26	1 58	22 14	2 19	23 58	0 43	21 34	0 31	2 9	2 30	3 53	0 46	13 57	1 45	21 23	13 51	11 51	11 20	18 13	4 19	5 55
M 8	22 51	17 19	5 0	25 27	2 0	21 58	2 18	24 1	0 43	21 36	0 31	2 8	2 29	3 53	0 46	13 57	1 45	21 23	13 50	11 48	11 19	18 13	4 19	5 56
T 9	22 57	15 9	5 8	25 26	2 2	21 42	2 15	24 3	0 44	21 38	0 31	2 8	2 29	3 53	0 45	13 58	1 45	21 22	13 50	11 46	11 18	18 14	4 19	5 56
W10	23 1	12 16	5 1	25 22	2 2	21 25	2 13	24 6	0 44	21 40	0 31	2 7	2 29	3 53	0 45	13 59	1 45	21 21	13 50	11 43	11 17	18 14	4 18	5 56
T 11	23 6	8 47	4 40	25 16	2 2	21 8	2 11	24 8	0 45	21 42	0 31	2 7	2 29	3 52	0 45	13 59	1 45	21 21	13 49	11 42	11 16	18 15	4 18	5 57
F 12	23 10	4 50	4 5	25 8	2 2	20 50	2 8	24 9	0 45	21 44	0 31	2 6	2 28	3 52	0 45	14 0	1 45	21 20	13 49	11 41	11 14	18 15	4 18	5 57
S 13	23 14	0 33	3 16	24 58	2 0	20 33	2 6	24 11	0 45	21 46	0 30	2 6	2 28	3 52	0 45	14 0	1 45	21 20	13 49	11 40	11 13	18 16	4 18	5 57
S 14	23 17	3n52	2 15	24 47	1 58	20 14	2 3	24 12	0 46	21 48	0 30	2 5	2 28	3 51	0 45	14 1	1 45	21 19	13 48	11 40	11 12	18 16	4 18	5 58
M15	23 20	8 14	1 5	24 34	1 55	19 56	2 0	24 14	0 46	21 50	0 30	2 4	2 28	3 51	0 45	14 1	1 45	21 18	13 48	11 41	11 11	18 17	4 18	5 58
T 16	23 22	12 15	0s11	24 19	1 52	19 37	1 57	24 15	0 47	21 52	0 30	2 4	2 28	3 51	0 45	14 2	1 45	21 18	13 48	11 41	11 10	18 17	4 17	5 58
W17	23 24	15 37	1 29	24 3	1 47	19 17	1 54	24 15	0 47	21 53	0 30	2 3	2 27	3 50	0 45	14 2	1 45	21 17	13 47	11 41	11 9	18 17	4 17	5 58
T 18	23 26	18 0	2 42	23 45	1 43	18 58	1 50	24 16	0 47	21 55	0 30	2 2	2 27	3 50	0 45	14 3	1 45	21 17	13 47	11 39	11 8	18 18	4 17	5 59
F 19	23 27	19 10	3 44	23 27	1 37	18 38	1 47	24 16	0 48	21 57	0 30	2 1	2 27	3 49	0 45	14 3	1 45	21 16	13 47	11 37	11 7	18 18	4 17	5 59
S 20	23 28	18 57	4 30	23 7	1 31	18 17	1 43	24 16	0 48	21 59	0 30	2 0	2 27	3 49	0 45	14 4	1 45	21 15	13 46	11 35	11 5	18 19	4 17	5 59
S 21	23 28	17 23	4 58	22 46	1 24	17 57	1 39	24 16	0 49	22 0	0 30	1 59	2 26	3 48	0 45	14 4	1 45	21 15	13 46	11 32	11 4	18 19	4 17	6 0
M22	23 28	14 43	5 5	22 25	1 17	17 36	1 35	24 16	0 49	22 2	0 30	1 58	2 26	3 48	0 45	14 5	1 45	21 14	13 46	11 29	11 3	18 20	4 17	6 0
T 23	23 28	11 13	4 52	22 2	1 9	17 15	1 30	24 16	0 49	22 4	0 30	1 57	2 26	3 47	0 45	14 5	1 45	21 13	13 45	11 26	11 2	18 20	4 17	6 0
W24	23 27	7 13	4 22	21 39	1 0	16 53	1 26	24 15	0 50	22 5	0 30	1 56	2 26	3 47	0 45	14 5	1 45	21 12	13 45	11 24	11 1	18 20	4 17	6 0
T 25	23 26	3 0	3 39	21 16	0 51	16 32	1 21	24 14	0 50	22 7	0 30	1 55	2 25	3 46	0 45	14 6	1 45	21 12	13 45	11 22	11 0	18 21	4 17	6 1
F 26	23 24	1s14	2 46	20 52	0 42	16 10	1 17	24 13	0 51	22 9	0 30	1 54	2 25	3 46	0 45	14 6	1 45	21 11	13 44	11 22	10 59	18 21	4 18	6 1
S 27	23 22	5 18	1 47	20 28	0 32	15 48	1 12	24 12	0 51	22 10	0 29	1 53	2 25	3 45	0 45	14 7	1 45	21 10	13 44	11 22	10 58	18 22	4 18	6 1
S 28	23 20	9 3	0 44	20 3	0 21	15 26	1 6	24 10	0 51	22 12	0 29	1 52	2 25	3 44	0 45	14 7	1 45	21 10	13 44	11 22	10 56	18 22	4 18	6 2
M29	23 17	12 22	0n20	19 39	0 10	15 4	1 1	24 9	0 52	22 13	0 29	1 50	2 25	3 44	0 45	14 8	1 46	21 9	13 43	11 22	10 55	18 22	4 18	6 2
T 30	23n13	15s 8	1n22	19n14	0s 2	14n41	0n55	24n 7	0n52	22n15	0s29	1n49	2n24	3n43	0n45	14n 8	1s46	21n 8	13n43	11s22	10s54	18s23	4s18	6n 2

Julian Day Number = 2347967.5, Delta T = 10.65 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'53, Lahiri = 19°53'54Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1716
geocentric

JULY 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 36 35	9♋ 6'45	27♏ 7	4♌59	24♌ 3	8♋27	16♊ 9	1♎ 1	22♍23	13♉11	8♍20	29°R35	28♎18	7♐36	4°R20	W 1
T 2	18 40 31	10° 3'56	8♐55	5°50	24°54	9° 6	16°23	1° 4	22°25	13°12	8°21	29♎29	28°14	7°43	4♓18	T 2
F 3	18 44 28	11° 1'06	20°48	6°37	25°45	9°46	16°36	1° 7	22°26	13°14	8°22	29°20	28°11	7°50	4°17	F 3
S 4	18 48 25	11°58'17	2♑47	7°20	26°35	10°25	16°49	1°10	22°28	13°15	8°23	29°10	28° 8	7°56	4°15	S 4
S 5	18 52 21	12°55'28	14°53	8° 0	27°24	11° 5	17° 2	1°13	22°30	13°16	8°25	28°57	28° 5	8° 3	4°14	S 5
M 6	18 56 18	13°52'38	27° 8	8°36	28°12	11°44	17°16	1°16	22°32	13°18	8°26	28°45	28° 2	8°10	4°12	M 6
T 7	19 0 14	14°49'49	9♒33	9° 8	29° 0	12°24	17°29	1°19	22°34	13°19	8°28	28°33	27°59	8°16	4°11	T 7
W 8	19 4 11	15°47'01	22° 8	9°36	29°47	13° 3	17°42	1°23	22°36	13°20	8°29	28°22	27°55	8°23	4° 9	W 8
T 9	19 8 7	16°44'12	4♓54	9°59	0♍33	13°42	17°55	1°26	22°38	13°22	8°30	28°14	27°52	8°30	4° 7	T 9
F 10	19 12 4	17°41'25	17°53	10°18	1°19	14°22	18° 8	1°30	22°40	13°23	8°32	28° 9	27°49	8°36	4° 6	F 10
S 11	19 16 0	18°38'37	1♈ 6	10°33	2° 3	15° 1	18°21	1°34	22°42	13°24	8°33	28° 6	27°46	8°43	4° 4	S 11
S 12	19 19 57	19°35'51	14°35	10°42	2°46	15°40	18°33	1°37	22°44	13°25	8°35	28° 5	27°43	8°50	4° 2	S 12
M13	19 23 54	20°33'05	28°21	10°47	3°29	16°19	18°46	1°41	22°46	13°26	8°36	28° 5	27°39	8°56	4° 0	M13
T 14	19 27 50	21°30'20	12♉26	10°R47	4°11	16°58	18°59	1°45	22°49	13°27	8°38	28° 4	27°36	9° 3	3°58	T 14
W15	19 31 47	22°27'35	26°49	10°43	4°51	17°38	19°12	1°49	22°51	13°28	8°39	28° 2	27°33	9°10	3°56	W15
T 16	19 35 43	23°24'52	11♊29	10°33	5°31	18°17	19°24	1°53	22°53	13°29	8°41	27°58	27°30	9°16	3°54	T 16
F 17	19 39 40	24°22'09	26°19	10°19	6° 9	18°56	19°37	1°57	22°55	13°31	8°43	27°51	27°27	9°23	3°52	F 17
S 18	19 43 36	25°19'27	11♋14	10° 0	6°46	19°35	19°50	2° 1	22°58	13°31	8°44	27°41	27°24	9°30	3°50	S 18
S 19	19 47 33	26°16'46	26° 3	9°36	7°22	20°14	20° 2	2° 6	23° 0	13°32	8°46	27°30	27°20	9°36	3°48	S 19
M20	19 51 29	27°14'05	10♌39	9° 8	7°57	20°53	20°14	2°10	23° 3	13°33	8°48	27°19	27°17	9°43	3°46	M20
T 21	19 55 26	28°11'24	24°54	8°36	8°31	21°32	20°27	2°14	23° 5	13°34	8°49	27° 9	27°14	9°50	3°43	T 21
W22	19 59 23	29° 8'44	8♍44	8° 0	9° 3	22°11	20°39	2°19	23° 8	13°35	8°51	27° 1	27°11	9°56	3°41	W22
T 23	20 3 19	0♌ 6'05	22° 6	7°22	9°34	22°50	20°51	2°24	23°10	13°36	8°53	26°55	27° 8	10° 3	3°39	T 23
F 24	20 7 16	1° 3'26	5♎ 2	6°40	10° 3	23°29	21° 3	2°28	23°13	13°37	8°54	26°52	27° 5	10°10	3°36	F 24
S 25	20 11 12	2° 0'48	17°35	5°57	10°31	24° 8	21°16	2°33	23°16	13°37	8°56	26°50	27° 1	10°17	3°34	S 25
S 26	20 15 9	2°58'10	29°49	5°13	10°58	24°47	21°28	2°38	23°18	13°38	8°58	26°50	26°58	10°23	3°32	S 26
M27	20 19 5	3°55'32	11♏49	4°28	11°22	25°26	21°39	2°43	23°21	13°39	9° 0	26°50	26°55	10°30	3°29	M27
T 28	20 23 2	4°52'56	23°41	3°44	11°46	26° 4	21°51	2°48	23°24	13°40	9° 2	26°49	26°52	10°37	3°27	T 28
W29	20 26 58	5°50'20	5♐30	3° 1	12° 7	26°43	22° 3	2°53	23°27	13°40	9° 3	26°46	26°49	10°43	3°24	W29
T 30	20 30 55	6°47'44	17°21	2°20	12°26	27°22	22°15	2°58	23°30	13°41	9° 5	26°40	26°45	10°50	3°21	T 30
F 31	20 34 52	7♌45'10	29♐18	1♌42	12♍44	28♋ 1	22♊27	3♎ 3	23♍33	13♉41	9♍ 7	26♎32	26♎42	10♐57	3♓19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n10	17s15	2n21	18n50	0s14	14n18	0n50	24n 5	0n53	22n16	0s29	1n48	2n24	3n42	0n45	14n 8	1s46	21n 7	13n43	11s20	10s53	18s23	4s18	6n 2
T 2	23 5	18 39	3 13	18 25	0 26	13 56	0 44	24 2	0 53	22 18	0 29	1 47	2 24	3 42	0 44	14 9	1 46	21 7	13 42	11 18	10 52	18 24	4 19	6 3
F 3	23 1	19 13	3 57	18 1	0 39	13 33	0 38	24 0	0 53	22 19	0 29	1 45	2 24	3 41	0 44	14 9	1 46	21 6	13 42	11 15	10 51	18 24	4 19	6 3
S 4	22 56	18 56	4 30	17 38	0 52	13 10	0 31	23 57	0 54	22 20	0 29	1 44	2 23	3 40	0 44	14 9	1 46	21 5	13 42	11 11	10 50	18 24	4 19	6 3
S 5	22 51	17 48	4 52	17 14	1 5	12 47	0 25	23 54	0 54	22 22	0 29	1 42	2 23	3 40	0 44	14 10	1 46	21 4	13 42	11 7	10 48	18 25	4 20	6 3
M 6	22 45	15 50	5 1	16 52	1 19	12 24	0 18	23 51	0 54	22 23	0 29	1 41	2 23	3 39	0 44	14 10	1 46	21 3	13 41	11 3	10 47	18 25	4 20	6 4
T 7	22 39	13 8	4 56	16 30	1 33	12 1	0 11	23 48	0 55	22 24	0 29	1 39	2 23	3 38	0 44	14 11	1 46	21 3	13 41	10 58	10 46	18 26	4 20	6 4
W 8	22 32	9 48	4 36	16 9	1 47	11 38	0 4	23 45	0 55	22 26	0 29	1 38	2 23	3 37	0 44	14 11	1 46	21 2	13 41	10 55	10 45	18 26	4 21	6 4
T 9	22 25	5 58	4 2	15 49	2 2	11 14	0s 3	23 41	0 55	22 27	0 29	1 36	2 22	3 36	0 44	14 11	1 46	21 1	13 41	10 52	10 44	18 26	4 21	6 4
F 10	22 18	1 48	3 16	15 30	2 16	10 51	0 11	23 37	0 56	22 28	0 29	1 35	2 22	3 35	0 44	14 11	1 46	21 0	13 40	10 50	10 43	18 27	4 21	6 4
S 11	22 10	2n33	2 18	15 12	2 31	10 28	0 19	23 33	0 56	22 29	0 29	1 33	2 22	3 35	0 44	14 12	1 46	20 59	13 40	10 49	10 42	18 27	4 22	6 5
S 12	22 2	6 51	1 11	14 56	2 45	10 5	0 27	23 29	0 56	22 30	0 29	1 31	2 22	3 34	0 44	14 12	1 46	20 59	13 40	10 48	10 40	18 27	4 22	6 5
M13	21 54	10 53	0s 1	14 41	2 59	9 42	0 35	23 25	0 57	22 31	0 29	1 30	2 22	3 33	0 44	14 12	1 46	20 58	13 40	10 48	10 39	18 28	4 23	6 5
T 14	21 45	14 24	1 15	14 27	3 13	9 19	0 43	23 20	0 57	22 33	0 28	1 28	2 21	3 32	0 44	14 13	1 46	20 57	13 39	10 48	10 38	18 28	4 23	6 5
W15	21 36	17 7	2 26	14 15	3 27	8 56	0 52	23 16	0 57	22 34	0 28	1 26	2 21	3 31	0 44	14 13	1 46	20 56	13 39	10 48	10 37	18 28	4 24	6 6
T 16	21 26	18 45	3 28	14 5	3 40	8 34	1 1	23 11	0 58	22 35	0 28	1 24	2 21	3 30	0 44	14 13	1 46	20 55	13 39	10 46	10 36	18 29	4 24	6 6
F 17	21 16	19 9	4 17	13 57	3 52	8 11	1 10	23 6	0 58	22 36	0 28	1 22	2 21	3 29	0 44	14 13	1 46	20 55	13 39	10 43	10 35	18 29	4 25	6 6
S 18	21 6	18 12	4 48	13 51	4 4	7 49	1 19	23 0	0 58	22 37	0 28	1 21	2 21	3 28	0 44	14 14	1 47	20 54	13 38	10 40	10 34	18 29	4 26	6 6
S 19	20 56	16 3	5 1	13 46	4 15	7 27	1 28	22 55	0 59	22 38	0 28	1 19	2 20	3 27	0 44	14 14	1 47	20 53	13 38	10 36	10 32	18 30	4 26	6 6
M20	20 45	12 54	4 53	13 44	4 25	7 5	1 38	22 49	0 59	22 39	0 28	1 17	2 20	3 26	0 44	14 14	1 47	20 52	13 38	10 32	10 31	18 30	4 27	6 6
T 21	20 33	9 3	4 27	13 44	4 34	6 43	1 48	22 44	0 59	22 40	0 28	1 15	2 20	3 25	0 44	14 14	1 47	20 51	13 38	10 28	10 30	18 30	4 27	6 7
W22	20 22	4 50	3 45	13 45	4 42	6 22	1 58	22 38	1 0	22 41	0 28	1 13	2 20	3 24	0 44	14 14	1 47	20 50	13 37	10 25	10 29	18 31	4 28	6 7
T 23	20 9	0 30	2 53	13 49	4 48	6 1	2 8	22 31	1 0	22 42	0 28	1 11	2 20	3 23	0 44	14 15	1 47	20 50	13 37	10 23	10 28	18 31	4 29	6 7
F 24	19 57	3s44	1 53	13 55	4 52	5 40	2 19	22 25	1 0	22 42	0 28	1 9	2 19	3 22	0 44	14 15	1 47	20 49	13 37	10 22	10 27	18 31	4 29	6 7
S 25	19 44	7 40	0 49	14 3	4 55	5 19	2 30	22 19	1 1	22 43	0 28	1 7	2 19	3 21	0 44	14 15	1 47	20 48	13 37	10 22	10 26	18 32	4 30	6 7
S 26	19 31	11 10	0n16	14 12	4 56	4 59	2 41	22 12	1 1	22 44	0 28	1 5	2 19	3 20	0 44	14 15	1 47	20 47	13 37	10 22	10 24	18 32	4 31	6 7
M27	19 18	14 9	1 19	14 23	4 55	4 40	2 52	22 5	1 1	22 45	0 28	1 3	2 19	3 19	0 44	14 15	1 47	20 46	13 37	10 21	10 23	18 32	4 32	6 8
T 28	19 4	16 30	2 17	14 36	4 53	4 20	3 3	21 58	1 2	22 46	0 28	1 1	2 19	3 17	0 44	14 15	1 47	20 45	13 36	10 21	10 22	18 33	4 32	6 8
W29	18 50	18 9	3 10	14 50	4 49	4 2	3 15	21 51	1 2	22 46	0 28	0 58	2 19	3 16	0 44	14 16	1 47	20 44	13 36	10 20	10 21	18 33	4 33	6 8
T 30	18 36	18 59	3 54	15 5	4 43	3 43	3 27	21 44	1 2	22 47	0 28	0 56	2 18	3 15	0 43	14 16	1 47	20 44	13 36	10 18	10 20	18 33	4 34	6 8
F 31	18n21	19s 0	4n28	15n20	4s35	3n26	3s38	21n36	1n 2	22n48	0s28	0n54	2n18	3n14	0n43	14n16	1s47	20n43	13n36	10s15	10s19	18s33	4s35	6n 8

Julian Day Number = 2347997.5, Delta T = 10.65 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°46'57, Lahiri = 19°53'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

AUGUST 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 48	8♌42'36	11♉24	1°R 7	13♍ 0	28♋39	22♊38	3♎ 8	23♍35	13♉42	9♍ 9	26°R21	26♎39	11♐ 3	3°R16	S 1
S 2	20 42 45	9°40'03	23°40	0♌37	13°14	29°18	22°50	3°13	23°38	13°42	9°11	26♎ 9	26°36	11°10	3♓14	S 2
M 3	20 46 41	10°37'31	6♒ 9	0°11	13°25	29°57	23° 1	3°19	23°41	13°43	9°13	25°56	26°33	11°17	3°11	M 3
T 4	20 50 38	11°35'00	18°50	29♋51	13°35	0♌35	23°12	3°24	23°44	13°43	9°15	25°44	26°30	11°23	3° 8	T 4
W 5	20 54 34	12°32'30	1♓44	29°37	13°42	1°14	23°24	3°30	23°47	13°44	9°16	25°34	26°26	11°30	3° 6	W 5
T 6	20 58 31	13°30'02	14°48	29°30	13°48	1°53	23°35	3°35	23°50	13°44	9°18	25°26	26°23	11°37	3° 3	T 6
F 7	21 2 27	14°27'34	28° 5	29°D29	13°51	2°31	23°46	3°41	23°54	13°45	9°20	25°20	26°20	11°43	3° 0	F 7
S 8	21 6 24	15°25'08	11♈32	29°35	13°R52	3°10	23°57	3°46	23°57	13°45	9°22	25°18	26°17	11°50	2°57	S 8
S 9	21 10 21	16°22'43	25° 9	29°48	13°50	3°48	24° 8	3°52	24° 0	13°45	9°24	25°D17	26°14	11°57	2°54	S 9
M10	21 14 17	17°20'20	8♉59	0♌ 8	13°46	4°27	24°18	3°58	24° 3	13°45	9°26	25°17	26°11	12° 3	2°52	M10
T 11	21 18 14	18°17'59	22°59	0°35	13°40	5° 5	24°29	4° 4	24° 6	13°46	9°28	25°R17	26° 7	12°10	2°49	T 11
W12	21 22 10	19°15'39	7♊12	1°10	13°32	5°44	24°40	4°10	24°10	13°46	9°30	25°16	26° 4	12°17	2°46	W12
T 13	21 26 7	20°13'21	21°33	1°51	13°21	6°22	24°50	4°16	24°13	13°46	9°32	25°13	26° 1	12°24	2°43	T 13
F 14	21 30 3	21°11'04	6♋ 1	2°40	13° 7	7° 1	25° 1	4°22	24°16	13°46	9°34	25° 7	25°58	12°30	2°40	F 14
S 15	21 34 0	22° 8'49	20°32	3°35	12°52	7°39	25°11	4°28	24°19	13°46	9°36	24°59	25°55	12°37	2°37	S 15
S 16	21 37 56	23° 6'35	4♌58	4°37	12°34	8°18	25°21	4°34	24°23	13°46	9°38	24°50	25°51	12°44	2°34	S 16
M17	21 41 53	24° 4'23	19°13	5°45	12°14	8°56	25°31	4°40	24°26	13°R46	9°40	24°40	25°48	12°50	2°31	M17
T 18	21 45 50	25° 2'13	3♍13	7° 0	11°51	9°34	25°41	4°46	24°30	13°46	9°42	24°31	25°45	12°57	2°28	T 18
W19	21 49 46	26° 0'03	16°51	8°20	11°27	10°13	25°51	4°52	24°33	13°46	9°45	24°24	25°42	13° 4	2°25	W19
T 20	21 53 43	26°57'55	0♎ 7	9°46	11° 0	10°51	26° 1	4°59	24°36	13°46	9°47	24°19	25°39	13°10	2°22	T 20
F 21	21 57 39	27°55'49	13° 0	11°16	10°32	11°29	26°11	5° 5	24°40	13°46	9°49	24°16	25°36	13°17	2°19	F 21
S 22	22 1 36	28°53'43	25°32	12°51	10° 2	12° 7	26°20	5°11	24°43	13°46	9°51	24°D16	25°32	13°24	2°16	S 22
S 23	22 5 32	29°51'39	7♏47	14°30	9°30	12°46	26°30	5°18	24°47	13°46	9°53	24°16	25°29	13°30	2°13	S 23
M24	22 9 29	0♍49'37	19°49	16°13	8°57	13°24	26°39	5°24	24°50	13°45	9°55	24°17	25°26	13°37	2°11	M24
T 25	22 13 25	1°47'35	1♐42	17°59	8°23	14° 2	26°48	5°31	24°54	13°45	9°57	24°R18	25°23	13°44	2° 8	T 25
W26	22 17 22	2°45'35	13°33	19°48	7°47	14°40	26°57	5°37	24°58	13°45	9°59	24°17	25°20	13°50	2° 5	W26
T 27	22 21 19	3°43'37	25°26	21°39	7°11	15°19	27° 6	5°44	25° 1	13°44	10° 1	24°15	25°17	13°57	2° 2	T 27
F 28	22 25 15	4°41'40	7♑26	23°32	6°34	15°57	27°15	5°51	25° 5	13°44	10° 3	24°10	25°13	14° 4	1°59	F 28
S 29	22 29 12	5°39'44	19°36	25°26	5°57	16°35	27°24	5°57	25° 8	13°44	10° 5	24° 4	25°10	14°11	1°56	S 29
S 30	22 33 8	6°37'50	2♒ 1	27°21	5°20	17°13	27°33	6° 4	25°12	13°43	10° 8	23°56	25° 7	14°17	1°53	S 30
M31	22 37 5	7♍35'57	14♒41	29♌17	4♍43	17♌51	27♊41	6♎11	25♍16	13♉43	10♍10	23♎48	25♎ 4	14♐24	1♓50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 7	18s 9	4n51	15n37	4s26	3n 8	3s50	21n29	1n 3	22n49	0s28	0n52	2n18	3n13	0n43	14n16	1s47	20n42	13n36	10s11	10s18	18s34	4s36	6n 8
S 2	17 51	16 27	5 1	15 54	4 15	2 52	4 3	21 21	1 3	22 49	0 28	0 50	2 18	3 12	0 43	14 16	1 47	20 41	13 36	10 7	10 16	18 34	4 36	6 8
M 3	17 36	13 58	4 56	16 11	4 3	2 36	4 15	21 13	1 3	22 50	0 28	0 47	2 18	3 10	0 43	14 16	1 47	20 40	13 35	10 2	10 15	18 34	4 37	6 8
T 4	17 20	10 48	4 37	16 28	3 50	2 21	4 27	21 5	1 4	22 51	0 27	0 45	2 18	3 9	0 43	14 16	1 48	20 39	13 35	9 58	10 14	18 35	4 38	6 8
W 5	17 4	7 5	4 4	16 45	3 35	2 6	4 40	20 57	1 4	22 51	0 27	0 43	2 17	3 8	0 43	14 16	1 48	20 38	13 35	9 54	10 13	18 35	4 39	6 9
T 6	16 48	2 57	3 17	17 1	3 20	1 53	4 53	20 49	1 4	22 52	0 27	0 40	2 17	3 7	0 43	14 16	1 48	20 38	13 35	9 51	10 12	18 35	4 40	6 9
F 7	16 31	1n22	2 19	17 17	3 4	1 40	5 5	20 40	1 4	22 52	0 27	0 38	2 17	3 5	0 43	14 16	1 48	20 37	13 35	9 49	10 11	18 35	4 41	6 9
S 8	16 14	5 41	1 13	17 32	2 48	1 28	5 18	20 32	1 5	22 53	0 27	0 36	2 17	3 4	0 43	14 16	1 48	20 36	13 35	9 48	10 10	18 36	4 42	6 9
S 9	15 57	9 46	0 1	17 45	2 31	1 17	5 31	20 23	1 5	22 53	0 27	0 33	2 17	3 3	0 43	14 16	1 48	20 35	13 35	9 48	10 8	18 36	4 43	6 9
M10	15 40	13 22	1s12	17 58	2 14	1 6	5 43	20 14	1 5	22 54	0 27	0 31	2 17	3 2	0 43	14 16	1 48	20 34	13 35	9 48	10 7	18 36	4 44	6 9
T 11	15 22	16 16	2 22	18 9	1 57	0 57	5 56	20 5	1 5	22 54	0 27	0 28	2 17	3 0	0 43	14 16	1 48	20 33	13 35	9 48	10 6	18 36	4 45	6 9
W12	15 4	18 12	3 24	18 18	1 40	0 49	6 8	19 56	1 6	22 55	0 27	0 26	2 16	2 59	0 43	14 16	1 48	20 32	13 34	9 47	10 5	18 37	4 46	6 9
T 13	14 46	18 59	4 13	18 25	1 23	0 42	6 21	19 46	1 6	22 55	0 27	0 23	2 16	2 58	0 43	14 16	1 48	20 32	13 34	9 46	10 4	18 37	4 47	6 9
F 14	14 28	18 33	4 47	18 31	1 7	0 36	6 33	19 37	1 6	22 56	0 27	0 21	2 16	2 56	0 43	14 16	1 48	20 31	13 34	9 44	10 3	18 37	4 48	6 9
S 15	14 9	16 55	5 3	18 34	0 50	0 30	6 45	19 27	1 6	22 56	0 27	0 18	2 16	2 55	0 43	14 16	1 48	20 30	13 34	9 41	10 1	18 37	4 49	6 9
S 16	13 50	14 13	4 59	18 34	0 35	0 27	6 56	19 17	1 7	22 57	0 27	0 16	2 16	2 54	0 43	14 16	1 48	20 29	13 34	9 38	10 0	18 38	4 50	6 9
M17	13 31	10 42	4 37	18 33	0 20	0 24	7 7	19 8	1 7	22 57	0 27	0 13	2 16	2 52	0 43	14 16	1 48	20 28	13 34	9 34	9 59	18 38	4 51	6 9
T 18	13 12	6 39	3 58	18 28	0 5	0 22	7 18	18 58	1 7	22 57	0 27	0 11	2 16	2 51	0 43	14 16	1 48	20 27	13 34	9 31	9 58	18 38	4 52	6 9
W19	12 52	2 20	3 6	18 21	0n 9	0 22	7 28	18 47	1 7	22 58	0 27	0 8	2 16	2 50	0 43	14 16	1 48	20 27	13 34	9 28	9 57	18 38	4 53	6 9
T 20	12 32	1s58	2 6	18 11	0 22	0 23	7 38	18 37	1 8	22 58	0 27	0 6	2 15	2 48	0 43	14 16	1 48	20 26	13 34	9 26	9 56	18 39	4 54	6 9
F 21	12 13	6 4	1 0	17 58	0 34	0 25	7 47	18 27	1 8	22 58	0 27	0 3	2 15	2 47	0 43	14 16	1 49	20 25	13 34	9 25	9 54	18 39	4 55	6 9
S 22	11 53	9 47	0n 7	17 42	0 45	0 28	7 56	18 16	1 8	22 59	0 27	0 0	2 15	2 45	0 43	14 16	1 49	20 24	13 34	9 25	9 53	18 39	4 56	6 9
S 23	11 32	12 59	1 12	17 23	0 56	0 32	8 4	18 6	1 8	22 59	0 27	0s 2	2 15	2 44	0 43	14 16	1 49	20 23	13 34	9 25	9 52	18 39	4 57	6 9
M24	11 12	15 35	2 13	17 2	1 5	0 38	8 11	17 55	1 9	22 59	0 27	0 5	2 15	2 43	0 43	14 16	1 49	20 22	13 34	9 26	9 51	18 39	4 58	6 9
T 25	10 51	17 28	3 7	16 38	1 14	0 45	8 17	17 44	1 9	22 59	0 27	0 8	2 15	2 41	0 43	14 16	1 49	20 22	13 34	9 26	9 50	18 40	4 59	6 9
W26	10 30	18 36	3 54	16 11	1 21	0 52	8 23	17 33	1 9	23 0	0 27	0 10	2 15	2 40	0 43	14 15	1 49	20 21	13 34	9 26	9 49	18 40	5 0	6 9
T 27	10 9	18 54	4 30	15 41	1 27	1 1	8 28	17 22	1 9	23 0	0 27	0 13	2 15	2 38	0 43	14 15	1 49	20 20	13 34	9 25	9 48	18 40	5 2	6 9
F 28	9 48	18 22	4 55	15 10	1 33	1 11	8 32	17 11	1 9	23 0	0 27	0 16	2 15	2 37	0 43	14 15	1 49	20 19	13 34	9 23	9 46	18 40	5 3	6 9
S 29	9 27	16 59	5 7	14 36	1 38	1 22	8 34	17 0	1 10	23 0	0 27	0 19	2 15	2 35	0 43	14 15	1 49	20 18	13 34	9 21	9 45	18 40	5 4	6 8
S 30	9 5	14 47	5 5	14 0	1 41	1 33	8 36	16 48	1 10	23 1	0 26	0 21	2 15	2 34	0 43	14 15	1 49	20 18	13 34	9 18	9 44	18 41	5 5	6 8
M31	8n44	11s52	4n48	13n22	1n44	1n45	8s38	16n37	1n10	23n 1	0s26	0s24	2n14	2n32	0n43	14n15	1s49	20n17	13n34	9s15	9s43	18s41	5s 6	6n 8

Julian Day Number = 2348028.5, Delta T = 10.64 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'02, Lahiri = 19°54'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

SEPTEMBER 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 1	8♍34'06	27♒38	1♍13	4°R 6	18♌29	27♊50	6♎18	25♍19	13°R42	10♍12	23°R40	25♎ 1	14♐31	1°R47	T 1
W 2	22 44 58	9°32'16	10♓51	3° 9	3♍30	19° 7	27°58	6°24	25°23	13♉42	10°14	23♎33	24°57	14°37	1♓44	W 2
T 3	22 48 54	10°30'28	24°18	5° 6	2°55	19°45	28° 6	6°31	25°27	13°41	10°16	23°28	24°54	14°44	1°41	T 3
F 4	22 52 51	11°28'42	7♈58	7° 1	2°21	20°23	28°14	6°38	25°30	13°41	10°18	23°25	24°51	14°51	1°38	F 4
S 5	22 56 47	12°26'58	21°49	8°57	1°48	21° 1	28°22	6°45	25°34	13°40	10°20	23°D24	24°48	14°57	1°35	S 5
S 6	23 0 44	13°25'17	5♉47	10°52	1°17	21°39	28°29	6°52	25°38	13°40	10°22	23°24	24°45	15° 4	1°32	S 6
M 7	23 4 41	14°23'37	19°50	12°46	0°47	22°17	28°37	6°59	25°41	13°39	10°25	23°26	24°42	15°11	1°29	M 7
T 8	23 8 37	15°21'59	3♊58	14°39	0°19	22°55	28°44	7° 6	25°45	13°38	10°27	23°27	24°38	15°17	1°26	T 8
W 9	23 12 34	16°20'24	18° 9	16°32	29♌53	23°33	28°52	7°13	25°49	13°38	10°29	23°R27	24°35	15°24	1°24	W 9
T 10	23 16 30	17°18'50	2♋20	18°23	29°29	24°11	28°59	7°20	25°53	13°37	10°31	23°27	24°32	15°31	1°21	T 10
F 11	23 20 27	18°17'19	16°30	20°14	29° 8	24°49	29° 6	7°27	25°56	13°36	10°33	23°24	24°29	15°37	1°18	F 11
S 12	23 24 23	19°15'50	0♌36	22° 3	28°48	25°27	29°13	7°34	26° 0	13°35	10°35	23°20	24°26	15°44	1°15	S 12
S 13	23 28 20	20°14'24	14°34	23°52	28°31	26° 5	29°19	7°41	26° 4	13°34	10°37	23°15	24°22	15°51	1°12	S 13
M14	23 32 16	21°12'59	28°23	25°40	28°17	26°43	29°26	7°49	26° 8	13°34	10°39	23°10	24°19	15°58	1°10	M14
T 15	23 36 13	22°11'36	11♍57	27°26	28° 4	27°21	29°32	7°56	26°11	13°33	10°41	23° 5	24°16	16° 4	1° 7	T 15
W16	23 40 10	23°10'15	25°16	29°12	27°54	27°58	29°38	8° 3	26°15	13°32	10°43	23° 2	24°13	16°11	1° 4	W16
T 17	23 44 6	24° 8'57	8♎17	0♎56	27°47	28°36	29°44	8°10	26°19	13°31	10°46	22°59	24°10	16°18	1° 1	T 17
F 18	23 48 3	25° 7'40	21° 1	2°40	27°42	29°14	29°50	8°17	26°23	13°30	10°48	22°D58	24° 7	16°24	0°59	F 18
S 19	23 51 59	26° 6'25	3♏27	4°22	27°39	29°52	29°56	8°25	26°27	13°29	10°50	22°59	24° 3	16°31	0°56	S 19
S 20	23 55 56	27° 5'12	15°40	6° 3	27°D39	0♍30	0♋ 2	8°32	26°30	13°28	10°52	23° 0	24° 0	16°38	0°54	S 20
M21	23 59 52	28° 4'00	27°41	7°44	27°41	1° 7	0° 7	8°39	26°34	13°27	10°54	23° 2	23°57	16°44	0°51	M21
T 22	0 3 49	29° 2'51	9♐34	9°24	27°46	1°45	0°12	8°47	26°38	13°26	10°56	23° 4	23°54	16°51	0°49	T 22
W23	0 7 45	0♎ 1'43	21°25	11° 2	27°52	2°23	0°17	8°54	26°42	13°24	10°58	23° 5	23°51	16°58	0°46	W23
T 24	0 11 42	1° 0'37	3♑18	12°40	28° 1	3° 0	0°22	9° 1	26°45	13°23	11° 0	23°R 5	23°48	17° 5	0°44	T 24
F 25	0 15 39	1°59'33	15°18	14°17	28°12	3°38	0°27	9° 8	26°49	13°22	11° 2	23° 4	23°44	17°11	0°41	F 25
S 26	0 19 35	2°58'30	27°30	15°53	28°25	4°16	0°31	9°16	26°53	13°21	11° 4	23° 3	23°41	17°18	0°39	S 26
S 27	0 23 32	3°57'30	9♒57	17°28	28°40	4°53	0°36	9°23	26°57	13°20	11° 6	23° 0	23°38	17°25	0°36	S 27
M28	0 27 28	4°56'31	22°42	19° 2	28°57	5°31	0°40	9°31	27° 1	13°19	11° 8	22°58	23°35	17°31	0°34	M28
T 29	0 31 25	5°55'34	5♓49	20°36	29°17	6° 9	0°44	9°38	27° 4	13°17	11°10	22°55	23°32	17°38	0°32	T 29
W30	0 35 21	6♎54'39	19♓16	22♎ 8	29♌38	6♍46	0♋48	9♎45	27♍ 8	13♉16	11♍12	22♎53	23♎28	17♐45	0♓30	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n22	8s18	4n16	12n42	1n46	1n58	8s38	16n25	1n10	23n 1	0s26	0s27	2n14	2n31	0n43	14n14	1s49	20n16	13n34	9s12	9s42	18s41	5s 7	6n 8
W 2	8 0	4 16	3 30	12 2	1 47	2 12	8 37	16 14	1 10	23 1	0 26	0 30	2 14	2 30	0 43	14 14	1 49	20 15	13 34	9 9	9 41	18 41	5 8	6 8
T 3	7 38	0n 3	2 31	11 19	1 48	2 26	8 35	16 2	1 11	23 1	0 26	0 32	2 14	2 28	0 43	14 14	1 49	20 14	13 34	9 8	9 39	18 41	5 9	6 8
F 4	7 16	4 26	1 23	10 36	1 47	2 40	8 33	15 50	1 11	23 1	0 26	0 35	2 14	2 27	0 43	14 14	1 49	20 14	13 34	9 7	9 38	18 41	5 11	6 8
S 5	6 54	8 39	0 9	9 52	1 46	2 55	8 29	15 38	1 11	23 2	0 26	0 38	2 14	2 25	0 43	14 14	1 49	20 13	13 34	9 6	9 37	18 42	5 12	6 8
S 6	6 32	12 25	1s 7	9 7	1 45	3 10	8 25	15 26	1 11	23 2	0 26	0 41	2 14	2 24	0 43	14 13	1 49	20 12	13 35	9 6	9 36	18 42	5 13	6 8
M 7	6 9	15 30	2 19	8 21	1 43	3 25	8 20	15 14	1 11	23 2	0 26	0 44	2 14	2 22	0 43	14 13	1 49	20 11	13 35	9 7	9 35	18 42	5 14	6 7
T 8	5 47	17 39	3 23	7 35	1 40	3 40	8 14	15 1	1 12	23 2	0 26	0 46	2 14	2 21	0 43	14 13	1 50	20 11	13 35	9 7	9 34	18 42	5 15	6 7
W 9	5 24	18 43	4 15	6 49	1 37	3 55	8 8	14 49	1 12	23 2	0 26	0 49	2 14	2 19	0 43	14 12	1 50	20 10	13 35	9 7	9 32	18 42	5 16	6 7
T 10	5 1	18 36	4 51	6 2	1 33	4 9	8 0	14 37	1 12	23 2	0 26	0 52	2 14	2 18	0 43	14 12	1 50	20 9	13 35	9 7	9 31	18 42	5 17	6 7
F 11	4 38	17 20	5 9	5 15	1 29	4 24	7 53	14 24	1 12	23 2	0 26	0 55	2 14	2 16	0 43	14 12	1 50	20 9	13 35	9 6	9 30	18 43	5 19	6 7
S 12	4 15	15 1	5 9	4 27	1 25	4 38	7 44	14 12	1 12	23 2	0 26	0 58	2 14	2 15	0 43	14 12	1 50	20 8	13 35	9 5	9 29	18 43	5 20	6 7
S 13	3 52	11 51	4 50	3 40	1 20	4 52	7 36	13 59	1 13	23 2	0 26	1 1	2 14	2 13	0 43	14 11	1 50	20 7	13 35	9 3	9 28	18 43	5 21	6 6
M14	3 29	8 4	4 15	2 53	1 15	5 6	7 27	13 46	1 13	23 2	0 26	1 3	2 14	2 12	0 43	14 11	1 50	20 6	13 35	9 1	9 27	18 43	5 22	6 6
T 15	3 6	3 55	3 26	2 5	1 10	5 19	7 17	13 33	1 13	23 2	0 26	1 6	2 14	2 10	0 43	14 11	1 50	20 6	13 36	8 59	9 25	18 43	5 23	6 6
W16	2 43	0s21	2 26	1 18	1 4	5 32	7 7	13 20	1 13	23 2	0 26	1 9	2 13	2 9	0 43	14 10	1 50	20 5	13 36	8 58	9 24	18 43	5 24	6 6
T 17	2 20	4 31	1 20	0 31	0 58	5 44	6 57	13 7	1 13	23 3	0 26	1 12	2 13	2 7	0 43	14 10	1 50	20 4	13 36	8 57	9 23	18 43	5 25	6 6
F 18	1 56	8 23	0 11	0s15	0 52	5 56	6 46	12 54	1 13	23 3	0 26	1 15	2 13	2 6	0 43	14 10	1 50	20 4	13 36	8 57	9 22	18 43	5 27	6 5
S 19	1 33	11 47	0n57	1 2	0 46	6 7	6 35	12 41	1 14	23 3	0 26	1 18	2 13	2 4	0 43	14 9	1 50	20 3	13 36	8 57	9 21	18 44	5 28	6 5
S 20	1 10	14 37	2 2	1 48	0 40	6 17	6 25	12 28	1 14	23 3	0 26	1 21	2 13	2 3	0 43	14 9	1 50	20 2	13 36	8 57	9 20	18 44	5 29	6 5
M21	0 46	16 45	2 59	2 34	0 33	6 27	6 13	12 15	1 14	23 3	0 26	1 24	2 13	2 1	0 43	14 9	1 50	20 2	13 36	8 58	9 18	18 44	5 30	6 5
T 22	0 23	18 9	3 49	3 19	0 27	6 36	6 2	12 1	1 14	23 3	0 26	1 26	2 13	2 0	0 43	14 8	1 50	20 1	13 37	8 59	9 17	18 44	5 31	6 4
W23	0s 1	18 44	4 29	4 4	0 20	6 44	5 51	11 48	1 14	23 3	0 26	1 29	2 13	1 58	0 43	14 8	1 50	20 1	13 37	8 59	9 16	18 44	5 32	6 4
T 24	0 24	18 29	4 57	4 49	0 13	6 52	5 40	11 34	1 14	23 3	0 26	1 32	2 13	1 57	0 43	14 8	1 50	20 0	13 37	8 59	9 15	18 44	5 33	6 4
F 25	0 48	17 25	5 12	5 33	0 6	6 59	5 28	11 21	1 15	23 3	0 26	1 35	2 13	1 55	0 43	14 7	1 50	19 59	13 37	8 59	9 14	18 44	5 34	6 4
S 26	1 11	15 33	5 14	6 17	0s 1	7 5	5 17	11 7	1 15	23 3	0 26	1 38	2 13	1 54	0 43	14 7	1 50	19 59	13 37	8 58	9 12	18 44	5 35	6 3
S 27	1 35	12 56	5 2	7 0	0 8	7 10	5 6	10 54	1 15	23 3	0 26	1 41	2 13	1 52	0 43	14 6	1 50	19 58	13 38	8 57	9 11	18 44	5 36	6 3
M28	1 58	9 39	4 34	7 42	0 15	7 15	4 54	10 40	1 15	23 3	0 26	1 44	2 13	1 51	0 43	14 6	1 50	19 58	13 38	8 56	9 10	18 44	5 37	6 3
T 29	2 21	5 48	3 52	8 24	0 23	7 19	4 43	10 26	1 15	23 3	0 25	1 47	2 13	1 49	0 43	14 6	1 51	19 57	13 38	8 55	9 9	18 45	5 38	6 3
W30	2s45	1s34	2n55	9s 6	0s30	7n22	4s32	10n12	1n15	23n 3	0s25	1s50	2n13	1n48	0n43	14n 5	1s51	19n57	13n38	8s55	9s 8	18s45	5s39	6n 2

Julian Day Number = 2348059.5, Delta T = 10.63 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'06, Lahiri = 19°54'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

OCTOBER 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 18	7♎53'45	3♈ 3	23♎40	0♍ 0	7♍24	0♋52	9♎53	27♍12	13°R15	11♍14	22°R51	23♎25	17♐51	0°R27	T 1
F 2	0 43 14	8°52'54	17° 8	25°11	0°25	8° 1	0°55	10° 0	27°16	13♉13	11°16	22°D51	23°22	17°58	0♓25	F 2
S 3	0 47 11	9°52'05	1♉25	26°41	0°51	8°39	0°58	10° 7	27°19	13°12	11°18	22♎51	23°19	18° 5	0°23	S 3
S 4	0 51 7	10°51'18	15°51	28°11	1°19	9°16	1° 1	10°15	27°23	13°11	11°19	22°51	23°16	18°11	0°21	S 4
M 5	0 55 4	11°50'34	0♊19	29°39	1°49	9°54	1° 4	10°22	27°27	13° 9	11°21	22°52	23°13	18°18	0°19	M 5
T 6	0 59 1	12°49'52	14°46	1♏ 7	2°20	10°31	1° 7	10°29	27°30	13° 8	11°23	22°53	23° 9	18°25	0°17	T 6
W 7	1 2 57	13°49'12	29° 7	2°34	2°53	11° 9	1°10	10°37	27°34	13° 7	11°25	22°54	23° 6	18°32	0°15	W 7
T 8	1 6 54	14°48'34	13♋20	4° 0	3°27	11°46	1°12	10°44	27°38	13° 5	11°27	22°R54	23° 3	18°38	0°13	T 8
F 9	1 10 50	15°47'59	27°21	5°25	4° 2	12°24	1°14	10°51	27°41	13° 4	11°29	22°54	23° 0	18°45	0°12	F 9
S 10	1 14 47	16°47'26	11♌10	6°49	4°39	13° 1	1°16	10°59	27°45	13° 2	11°31	22°54	22°57	18°52	0°10	S 10
S 11	1 18 43	17°46'56	24°46	8°13	5°17	13°39	1°18	11° 6	27°49	13° 1	11°32	22°53	22°53	18°58	0° 8	S 11
M12	1 22 40	18°46'28	8♍ 8	9°35	5°56	14°16	1°19	11°14	27°52	12°59	11°34	22°52	22°50	19° 5	0° 6	M12
T 13	1 26 36	19°46'01	21°17	10°57	6°36	14°54	1°21	11°21	27°56	12°58	11°36	22°52	22°47	19°12	0° 5	T 13
W14	1 30 33	20°45'38	4♎12	12°17	7°18	15°31	1°22	11°28	27°59	12°56	11°38	22°52	22°44	19°18	0° 3	W14
T 15	1 34 30	21°45'16	16°53	13°37	8° 1	16° 8	1°23	11°35	28° 3	12°55	11°39	22°52	22°41	19°25	0° 2	T 15
F 16	1 38 26	22°44'56	29°22	14°55	8°44	16°46	1°24	11°43	28° 7	12°53	11°41	22°52	22°38	19°32	0° 0	F 16
S 17	1 42 23	23°44'38	11♏39	16°12	9°29	17°23	1°24	11°50	28°10	12°52	11°43	22°52	22°34	19°39	29♒59	S 17
S 18	1 46 19	24°44'23	23°45	17°27	10°15	18° 0	1°25	11°57	28°14	12°50	11°44	22°52	22°31	19°45	29°57	S 18
M19	1 50 16	25°44'09	5♐43	18°41	11° 1	18°38	1°R25	12° 5	28°17	12°48	11°46	22°51	22°28	19°52	29°56	M19
T 20	1 54 12	26°43'57	17°36	19°54	11°49	19°15	1°25	12°12	28°20	12°47	11°48	22°51	22°25	19°59	29°55	T 20
W21	1 58 9	27°43'47	29°26	21° 5	12°37	19°52	1°25	12°19	28°24	12°45	11°49	22°50	22°22	20° 5	29°54	W21
T 22	2 2 5	28°43'38	11♑18	22°14	13°27	20°29	1°24	12°26	28°27	12°44	11°51	22°50	22°19	20°12	29°52	T 22
F 23	2 6 2	29°43'31	23°16	23°20	14°17	21° 7	1°24	12°33	28°31	12°42	11°53	22°49	22°15	20°19	29°51	F 23
S 24	2 9 59	0♏43'26	5♒24	24°25	15° 7	21°44	1°23	12°40	28°34	12°40	11°54	22°D49	22°12	20°25	29°50	S 24
S 25	2 13 55	1°43'23	17°48	25°27	15°59	22°21	1°22	12°48	28°37	12°39	11°56	22°50	22° 9	20°32	29°49	S 25
M26	2 17 52	2°43'21	0♓31	26°26	16°51	22°58	1°21	12°55	28°41	12°37	11°57	22°50	22° 6	20°39	29°49	M26
T 27	2 21 48	3°43'21	13°37	27°22	17°44	23°35	1°19	13° 2	28°44	12°35	11°59	22°51	22° 3	20°46	29°48	T 27
W28	2 25 45	4°43'22	27° 8	28°14	18°38	24°12	1°18	13° 9	28°47	12°34	12° 0	22°52	21°59	20°52	29°47	W28
T 29	2 29 41	5°43'25	11♈ 4	29° 2	19°32	24°49	1°16	13°16	28°50	12°32	12° 1	22°53	21°56	20°59	29°46	T 29
F 30	2 33 38	6°43'30	25°24	29°46	20°27	25°27	1°14	13°23	28°54	12°30	12° 3	22°R53	21°53	21° 6	29°45	F 30
S 31	2 37 34	7♏43'37	10♉ 4	0♐25	21♍23	26♍ 4	1♋11	13♎30	28♍57	12♉29	12♍ 4	22♎53	21♎50	21♐12	29♒45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 8	2n51	1n47	9s46	0s37	7n25	4s21	9n58	1n15	23n 3	0s25	1s52	2n13	1n46	0n43	14n 5	1s51	19n56	13n39	8s54	9s 7	18s45	5s41	6n 2
F 2	3 32	7 13	0 32	10 27	0 44	7 27	4 10	9 45	1 16	23 3	0 25	1 55	2 13	1 45	0 43	14 4	1 51	19 55	13 39	8 54	9 5	18 45	5 42	6 2
S 3	3 55	11 15	0s47	11 6	0 51	7 28	3 59	9 31	1 16	23 3	0 25	1 58	2 13	1 43	0 43	14 4	1 51	19 55	13 39	8 54	9 4	18 45	5 43	6 1
S 4	4 18	14 38	2 4	11 45	0 58	7 28	3 48	9 17	1 16	23 3	0 25	2 1	2 13	1 42	0 43	14 3	1 51	19 54	13 39	8 54	9 3	18 45	5 44	6 1
M 5	4 41	17 6	3 13	12 23	1 5	7 28	3 37	9 2	1 16	23 3	0 25	2 4	2 13	1 40	0 43	14 3	1 51	19 54	13 40	8 54	9 2	18 45	5 45	6 1
T 6	5 5	18 28	4 10	13 0	1 12	7 27	3 26	8 48	1 16	23 3	0 25	2 7	2 13	1 39	0 43	14 3	1 51	19 53	13 40	8 55	9 1	18 45	5 46	6 1
W 7	5 28	18 38	4 50	13 37	1 19	7 25	3 16	8 34	1 16	23 3	0 25	2 10	2 13	1 37	0 43	14 2	1 51	19 53	13 40	8 55	9 0	18 45	5 46	6 0
T 8	5 51	17 37	5 13	14 13	1 26	7 22	3 6	8 20	1 16	23 3	0 25	2 13	2 13	1 36	0 43	14 2	1 51	19 53	13 41	8 55	8 58	18 45	5 47	6 0
F 9	6 14	15 33	5 16	14 48	1 33	7 19	2 55	8 6	1 17	23 3	0 25	2 15	2 14	1 34	0 43	14 1	1 51	19 52	13 41	8 55	8 57	18 45	5 48	6 0
S 10	6 36	12 37	5 1	15 22	1 39	7 15	2 45	7 52	1 17	23 3	0 25	2 18	2 14	1 33	0 43	14 1	1 51	19 52	13 41	8 55	8 56	18 45	5 49	5 59
S 11	6 59	9 3	4 30	15 56	1 46	7 11	2 35	7 37	1 17	23 3	0 25	2 21	2 14	1 32	0 43	14 0	1 51	19 51	13 41	8 55	8 55	18 45	5 50	5 59
M12	7 22	5 4	3 44	16 28	1 52	7 5	2 26	7 23	1 17	23 3	0 25	2 24	2 14	1 30	0 43	14 0	1 51	19 51	13 42	8 54	8 54	18 45	5 51	5 59
T 13	7 45	0 55	2 47	17 0	1 58	7 0	2 16	7 9	1 17	23 3	0 25	2 27	2 14	1 29	0 43	13 59	1 51	19 50	13 42	8 54	8 52	18 45	5 52	5 58
W14	8 7	3s14	1 42	17 31	2 4	6 53	2 7	6 54	1 17	23 3	0 25	2 29	2 14	1 27	0 43	13 59	1 51	19 50	13 42	8 54	8 51	18 45	5 53	5 58
T 15	8 29	7 9	0 33	18 1	2 10	6 46	1 57	6 40	1 17	23 3	0 25	2 32	2 14	1 26	0 43	13 58	1 51	19 50	13 43	8 54	8 50	18 46	5 54	5 58
F 16	8 52	10 42	0n36	18 29	2 15	6 38	1 48	6 25	1 17	23 3	0 25	2 35	2 14	1 24	0 43	13 58	1 51	19 49	13 43	8 54	8 49	18 46	5 55	5 57
S 17	9 14	13 44	1 42	18 57	2 21	6 30	1 39	6 11	1 17	23 3	0 25	2 38	2 14	1 23	0 43	13 57	1 51	19 49	13 43	8 54	8 48	18 46	5 55	5 57
S 18	9 36	16 6	2 43	19 24	2 26	6 20	1 30	5 56	1 18	23 3	0 25	2 41	2 14	1 22	0 43	13 57	1 51	19 49	13 44	8 54	8 47	18 46	5 56	5 56
M19	9 58	17 45	3 36	19 49	2 30	6 11	1 22	5 42	1 18	23 3	0 25	2 43	2 14	1 20	0 43	13 56	1 51	19 48	13 44	8 54	8 45	18 46	5 57	5 56
T 20	10 19	18 35	4 19	20 13	2 35	6 1	1 13	5 27	1 18	23 3	0 25	2 46	2 14	1 19	0 43	13 56	1 51	19 48	13 44	8 54	8 44	18 46	5 58	5 56
W21	10 41	18 37	4 51	20 36	2 39	5 50	1 5	5 13	1 18	23 3	0 25	2 49	2 14	1 18	0 43	13 55	1 51	19 48	13 45	8 54	8 43	18 46	5 59	5 55
T 22	11 2	17 50	5 11	20 58	2 42	5 39	0 57	4 58	1 18	23 4	0 24	2 52	2 14	1 16	0 43	13 55	1 51	19 47	13 45	8 53	8 42	18 46	5 59	5 55
F 23	11 23	16 15	5 17	21 18	2 46	5 27	0 49	4 43	1 18	23 4	0 24	2 54	2 14	1 15	0 43	13 54	1 51	19 47	13 45	8 53	8 41	18 46	6 0	5 55
S 24	11 45	13 56	5 10	21 37	2 49	5 14	0 41	4 29	1 18	23 4	0 24	2 57	2 14	1 14	0 43	13 54	1 51	19 47	13 46	8 53	8 39	18 46	6 1	5 54
S 25	12 5	10 57	4 48	21 55	2 51	5 1	0 34	4 14	1 18	23 4	0 24	3 0	2 15	1 12	0 43	13 53	1 51	19 47	13 46	8 53	8 38	18 46	6 1	5 54
M26	12 26	7 23	4 11	22 11	2 53	4 48	0 26	4 0	1 18	23 4	0 24	3 2	2 15	1 11	0 43	13 53	1 51	19 46	13 47	8 54	8 37	18 46	6 2	5 53
T 27	12 47	3 22	3 21	22 25	2 54	4 34	0 19	3 45	1 18	23 4	0 24	3 5	2 15	1 10	0 43	13 52	1 51	19 46	13 47	8 54	8 36	18 46	6 3	5 53
W28	13 7	0n58	2 18	22 37	2 54	4 19	0 12	3 30	1 18	23 4	0 24	3 8	2 15	1 8	0 43	13 52	1 51	19 46	13 47	8 54	8 35	18 46	6 3	5 53
T 29	13 27	5 23	1 5	22 48	2 54	4 5	0 5	3 16	1 18	23 4	0 24	3 10	2 15	1 7	0 43	13 51	1 51	19 46	13 48	8 55	8 34	18 46	6 4	5 52
F 30	13 47	9 37	0s14	22 57	2 53	3 49	0n 2	3 1	1 19	23 4	0 24	3 13	2 15	1 6	0 43	13 51	1 51	19 46	13 48	8 55	8 32	18 46	6 5	5 52
S 31	14s 6	13n22	1s34	23s 3	2s51	3n33	0n 9	2n46	1n19	23n 4	0s24	3s16	2n15	1n 5	0n43	13n50	1s51	19n45	13n49	8s55	8s31	18s46	6s 5	5n51

Julian Day Number = 2348089.5, Delta T = 10.63 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'10, Lahiri = 19°54'11Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1716
geocentric

NOVEMBER 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 31	8♏43'46	24♉56	0♐59	22♍19	26♍41	1°R 9	13♎37	29♍ 0	12°R27	12♍ 6	22°R52	21♎47	21♐19	29°R44	S 1
M 2	2 45 28	9°43'56	9♊53	1°26	23°16	27°18	1♋ 6	13°44	29° 3	12♉25	12° 7	22♎50	21°44	21°26	29♒44	M 2
T 3	2 49 24	10°44'09	24°46	1°47	24°13	27°55	1° 4	13°50	29° 6	12°24	12° 8	22°47	21°40	21°32	29°43	T 3
W 4	2 53 21	11°44'24	9♋28	2° 1	25°11	28°32	1° 1	13°57	29° 9	12°22	12° 9	22°45	21°37	21°39	29°43	W 4
T 5	2 57 17	12°44'40	23°53	2°R 6	26°10	29° 9	0°57	14° 4	29°12	12°20	12°11	22°43	21°34	21°46	29°43	T 5
F 6	3 1 14	13°44'59	7♌58	2° 3	27° 9	29°46	0°54	14°11	29°15	12°18	12°12	22°D42	21°31	21°53	29°42	F 6
S 7	3 5 10	14°45'19	21°43	1°50	28° 8	0♎23	0°51	14°17	29°18	12°17	12°13	22°42	21°28	21°59	29°42	S 7
S 8	3 9 7	15°45'42	5♍ 6	1°27	29° 8	0°59	0°47	14°24	29°21	12°15	12°14	22°43	21°25	22° 6	29°42	S 8
M 9	3 13 3	16°46'07	18°11	0°55	0♎ 8	1°36	0°43	14°31	29°24	12°13	12°15	22°45	21°21	22°13	29°42	M 9
T 10	3 17 0	17°46'33	1♎ 0	0°12	1° 9	2°13	0°39	14°37	29°27	12°12	12°16	22°46	21°18	22°19	29°D42	T 10
W11	3 20 57	18°47'01	13°34	29♏19	2°10	2°50	0°34	14°44	29°30	12°10	12°18	22°48	21°15	22°26	29°42	W11
T 12	3 24 53	19°47'31	25°57	28°17	3°12	3°27	0°30	14°50	29°32	12° 8	12°19	22°R48	21°12	22°33	29°42	T 12
F 13	3 28 50	20°48'03	8♏11	27° 8	4°14	4° 4	0°25	14°57	29°35	12° 7	12°20	22°47	21° 9	22°40	29°42	F 13
S 14	3 32 46	21°48'37	20°16	25°52	5°16	4°40	0°20	15° 3	29°38	12° 5	12°21	22°44	21° 5	22°46	29°43	S 14
S 15	3 36 43	22°49'12	2♐15	24°32	6°19	5°17	0°15	15°10	29°40	12° 3	12°22	22°40	21° 2	22°53	29°43	S 15
M16	3 40 39	23°49'48	14° 9	23°10	7°22	5°54	0°10	15°16	29°43	12° 2	12°23	22°35	20°59	23° 0	29°43	M16
T 17	3 44 36	24°50'26	26° 0	21°50	8°26	6°31	0° 5	15°22	29°46	12° 0	12°23	22°29	20°56	23° 6	29°44	T 17
W18	3 48 32	25°51'05	7♑51	20°34	9°30	7° 7	29♊59	15°28	29°48	11°58	12°24	22°22	20°53	23°13	29°44	W18
T 19	3 52 29	26°51'46	19°43	19°24	10°34	7°44	29°54	15°35	29°51	11°57	12°25	22°17	20°50	23°20	29°45	T 19
F 20	3 56 26	27°52'28	1♒40	18°22	11°38	8°21	29°48	15°41	29°53	11°55	12°26	22°12	20°46	23°26	29°45	F 20
S 21	4 0 22	28°53'11	13°45	17°30	12°43	8°57	29°42	15°47	29°55	11°54	12°27	22° 9	20°43	23°33	29°46	S 21
S 22	4 4 19	29°53'54	26° 4	16°50	13°48	9°34	29°36	15°53	29°58	11°52	12°28	22°D 8	20°40	23°40	29°47	S 22
M23	4 8 15	0♐54'39	8♓40	16°21	14°53	10°10	29°29	15°59	0♎ 0	11°50	12°28	22° 8	20°37	23°47	29°48	M23
T 24	4 12 12	1°55'25	21°38	16° 3	15°59	10°47	29°23	16° 5	0° 2	11°49	12°29	22° 9	20°34	23°53	29°48	T 24
W25	4 16 8	2°56'12	5♈ 2	15°D57	17° 5	11°23	29°16	16°10	0° 5	11°47	12°30	22°11	20°31	24° 0	29°49	W25
T 26	4 20 5	3°57'00	18°54	16° 1	18°11	12° 0	29°10	16°16	0° 7	11°46	12°30	22°R12	20°27	24° 7	29°50	T 26
F 27	4 24 1	4°57'49	3♉14	16°16	19°17	12°36	29° 3	16°22	0° 9	11°44	12°31	22°11	20°24	24°13	29°51	F 27
S 28	4 27 58	5°58'39	18° 0	16°40	20°24	13°13	28°56	16°28	0°11	11°43	12°31	22° 9	20°21	24°20	29°52	S 28
S 29	4 31 55	6°59'30	3♊ 5	17°12	21°31	13°49	28°49	16°33	0°13	11°41	12°32	22° 4	20°18	24°27	29°54	S 29
M30	4 35 51	8♐ 0'22	18♊21	17♏51	22♎38	14♎25	28♊42	16♎39	0♎15	11♉40	12♍32	21♎58	20♎15	24♐34	29♒55	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s26	16n18	2s48	23s 7	2s48	3n17	0n15	2n32	1n19	23n 4	0s24	3s18	2n15	1n 3	0n43	13n50	1s51	19n45	13n49	8s54	8s30	18s46	6s 6	5n51
M 2	14 45	18 9	3 51	23 9	2 44	3 0	0 22	2 17	1 19	23 4	0 24	3 21	2 15	1 2	0 43	13 49	1 51	19 45	13 49	8 53	8 29	18 46	6 6	5 51
T 3	15 4	18 44	4 39	23 8	2 39	2 43	0 28	2 2	1 19	23 4	0 24	3 23	2 15	1 1	0 43	13 49	1 51	19 45	13 50	8 52	8 28	18 46	6 7	5 50
W 4	15 23	18 2	5 7	23 5	2 32	2 26	0 34	1 47	1 19	23 5	0 24	3 26	2 16	1 0	0 43	13 48	1 51	19 45	13 50	8 52	8 26	18 46	6 7	5 50
T 5	15 41	16 11	5 15	22 58	2 25	2 8	0 39	1 33	1 19	23 5	0 24	3 28	2 16	0 59	0 43	13 48	1 51	19 45	13 51	8 51	8 25	18 45	6 8	5 50
F 6	15 59	13 24	5 4	22 49	2 15	1 50	0 45	1 18	1 19	23 5	0 24	3 31	2 16	0 57	0 43	13 47	1 51	19 45	13 51	8 51	8 24	18 45	6 8	5 49
S 7	16 17	9 56	4 36	22 35	2 4	1 31	0 51	1 3	1 19	23 5	0 23	3 33	2 16	0 56	0 43	13 47	1 51	19 45	13 52	8 51	8 23	18 45	6 9	5 49
S 8	16 35	6 2	3 53	22 19	1 52	1 12	0 56	0 49	1 19	23 5	0 23	3 36	2 16	0 55	0 43	13 46	1 51	19 45	13 52	8 51	8 22	18 45	6 9	5 48
M 9	16 52	1 56	2 59	21 58	1 38	0 53	1 1	0 34	1 19	23 5	0 23	3 38	2 16	0 54	0 43	13 46	1 51	19 45	13 52	8 52	8 20	18 45	6 9	5 48
T 10	17 9	2s11	1 57	21 34	1 22	0 33	1 6	0 20	1 19	23 5	0 23	3 41	2 16	0 53	0 43	13 45	1 51	19 45	13 53	8 52	8 19	18 45	6 10	5 47
W11	17 26	6 8	0 51	21 6	1 5	0 13	1 11	0 5	1 19	23 5	0 23	3 43	2 16	0 52	0 43	13 45	1 51	19 45	13 53	8 53	8 18	18 45	6 10	5 47
T 12	17 43	9 46	0n17	20 34	0 47	0s 7	1 16	0s10	1 19	23 5	0 23	3 45	2 17	0 51	0 43	13 44	1 51	19 45	13 54	8 53	8 17	18 45	6 11	5 47
F 13	17 59	12 56	1 23	19 59	0 27	0 28	1 20	0 24	1 19	23 5	0 23	3 48	2 17	0 50	0 43	13 44	1 51	19 45	13 54	8 52	8 16	18 45	6 11	5 46
S 14	18 15	15 31	2 25	19 21	0 7	0 48	1 25	0 39	1 19	23 5	0 23	3 50	2 17	0 49	0 43	13 43	1 51	19 45	13 55	8 51	8 14	18 45	6 11	5 46
S 15	18 30	17 23	3 19	18 42	0n14	1 9	1 29	0 53	1 19	23 6	0 23	3 52	2 17	0 48	0 43	13 43	1 51	19 45	13 55	8 50	8 13	18 45	6 11	5 45
M16	18 45	18 29	4 5	18 2	0 34	1 30	1 33	1 8	1 19	23 6	0 23	3 55	2 17	0 47	0 43	13 42	1 51	19 45	13 56	8 48	8 12	18 45	6 12	5 45
T 17	19 0	18 46	4 39	17 23	0 54	1 52	1 37	1 22	1 19	23 6	0 23	3 57	2 17	0 46	0 44	13 42	1 51	19 45	13 56	8 46	8 11	18 45	6 12	5 45
W18	19 15	18 14	5 1	16 45	1 13	2 14	1 41	1 37	1 19	23 6	0 23	3 59	2 17	0 45	0 44	13 41	1 51	19 45	13 57	8 43	8 10	18 45	6 12	5 44
T 19	19 29	16 54	5 11	16 9	1 30	2 35	1 44	1 51	1 19	23 6	0 22	4 1	2 18	0 44	0 44	13 41	1 51	19 45	13 57	8 41	8 8	18 45	6 12	5 44
F 20	19 43	14 50	5 7	15 38	1 45	2 57	1 48	2 6	1 19	23 6	0 22	4 4	2 18	0 43	0 44	13 40	1 51	19 45	13 58	8 39	8 7	18 45	6 13	5 43
S 21	19 56	12 6	4 50	15 11	1 59	3 20	1 51	2 20	1 19	23 6	0 22	4 6	2 18	0 42	0 44	13 40	1 51	19 45	13 58	8 38	8 6	18 44	6 13	5 43
S 22	20 9	8 47	4 19	14 49	2 10	3 42	1 54	2 35	1 19	23 6	0 22	4 8	2 18	0 41	0 44	13 39	1 51	19 45	13 59	8 38	8 5	18 44	6 13	5 43
M23	20 22	5 1	3 34	14 32	2 19	4 4	1 57	2 49	1 19	23 6	0 22	4 10	2 18	0 40	0 44	13 39	1 51	19 46	13 59	8 38	8 4	18 44	6 13	5 42
T 24	20 35	0 54	2 38	14 20	2 26	4 27	2 0	3 3	1 19	23 6	0 22	4 12	2 18	0 39	0 44	13 38	1 51	19 46	14 0	8 38	8 3	18 44	6 13	5 42
W25	20 47	3n24	1 32	14 13	2 31	4 50	2 3	3 18	1 19	23 6	0 22	4 14	2 19	0 38	0 44	13 38	1 51	19 46	14 0	8 39	8 1	18 44	6 13	5 41
T 26	20 58	7 41	0 18	14 11	2 34	5 13	2 5	3 32	1 19	23 6	0 22	4 16	2 19	0 38	0 44	13 38	1 51	19 46	14 1	8 39	8 0	18 44	6 13	5 41
F 27	21 9	11 41	0s59	14 14	2 36	5 35	2 8	3 46	1 19	23 7	0 22	4 18	2 19	0 37	0 44	13 37	1 51	19 46	14 1	8 39	7 59	18 44	6 13	5 41
S 28	21 20	15 3	2 15	14 20	2 36	5 58	2 10	4 0	1 19	23 7	0 22	4 20	2 19	0 36	0 44	13 37	1 51	19 47	14 2	8 38	7 58	18 44	6 13	5 40
S 29	21 31	17 29	3 23	14 30	2 35	6 21	2 12	4 14	1 19	23 7	0 21	4 22	2 19	0 35	0 44	13 36	1 51	19 47	14 2	8 36	7 57	18 44	6 13	5 40
M30	21s40	18n42	4s17	14s43	2n33	6s44	2n14	4s29	1n19	23n 7	0s21	4s24	2n20	0n34	0n44	13n36	1s51	19n47	14n 2	8s34	7s55	18s44	6s13	5n39

Julian Day Number = 2348120.5, Delta T = 10.62 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'14, Lahiri = 19°54'15Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1716
geocentric

DECEMBER 1716 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 48	9♐ 1'15	3♋37	18♏37	23♎45	15♎ 2	28°R35	16♎44	0♎17	11°R38	12♍33	21°R51	20♎11	24♐40	29♒56	T 1
W 2	4 43 44	10° 2'10	18°42	19°29	24°53	15°38	28♊27	16°49	0°19	11♉37	12°33	21♎43	20° 8	24°47	29°57	W 2
T 3	4 47 41	11° 3'05	3♌27	20°27	26° 0	16°14	28°20	16°55	0°21	11°35	12°34	21°37	20° 5	24°54	29°59	T 3
F 4	4 51 37	12° 4'02	17°46	21°28	27° 8	16°51	28°12	17° 0	0°22	11°34	12°34	21°32	20° 2	25° 0	0♓ 0	F 4
S 5	4 55 34	13° 5'00	1♍37	22°34	28°16	17°27	28° 5	17° 5	0°24	11°33	12°34	21°29	19°59	25° 7	0° 2	S 5
S 6	4 59 30	14° 6'00	15° 2	23°42	29°25	18° 3	27°57	17°10	0°26	11°31	12°35	21°D29	19°56	25°14	0° 3	S 6
M 7	5 3 27	15° 7'00	28° 1	24°54	0♏33	18°39	27°49	17°15	0°27	11°30	12°35	21°29	19°52	25°21	0° 5	M 7
T 8	5 7 24	16° 8'01	10♎40	26° 9	1°42	19°15	27°42	17°20	0°29	11°28	12°35	21°30	19°49	25°27	0° 7	T 8
W 9	5 11 20	17° 9'04	23° 3	27°25	2°51	19°51	27°34	17°25	0°30	11°27	12°35	21°R31	19°46	25°34	0° 8	W 9
T 10	5 15 17	18°10'08	5♏13	28°44	4° 0	20°27	27°26	17°30	0°32	11°26	12°36	21°30	19°43	25°41	0°10	T 10
F 11	5 19 13	19°11'12	17°15	0♐ 4	5° 9	21° 3	27°18	17°35	0°33	11°25	12°36	21°26	19°40	25°47	0°12	F 11
S 12	5 23 10	20°12'18	29°11	1°25	6°19	21°39	27°10	17°39	0°35	11°23	12°36	21°20	19°36	25°54	0°14	S 12
S 13	5 27 6	21°13'24	11♐ 3	2°48	7°28	22°15	27° 2	17°44	0°36	11°22	12°36	21°11	19°33	26° 1	0°16	S 13
M14	5 31 3	22°14'31	22°55	4°12	8°38	22°51	26°53	17°48	0°37	11°21	12°36	21° 0	19°30	26° 8	0°18	M14
T 15	5 34 59	23°15'38	4♑46	5°37	9°48	23°27	26°45	17°53	0°39	11°20	12°R36	20°47	19°27	26°14	0°20	T 15
W16	5 38 56	24°16'46	16°39	7° 3	10°58	24° 3	26°37	17°57	0°40	11°19	12°36	20°34	19°24	26°21	0°22	W16
T 17	5 42 53	25°17'55	28°35	8°29	12° 8	24°39	26°29	18° 1	0°41	11°18	12°36	20°22	19°21	26°28	0°24	T 17
F 18	5 46 49	26°19'03	10♒35	9°57	13°19	25°15	26°21	18° 5	0°42	11°16	12°36	20°11	19°17	26°34	0°26	F 18
S 19	5 50 46	27°20'12	22°43	11°25	14°29	25°50	26°13	18°10	0°43	11°15	12°36	20° 3	19°14	26°41	0°29	S 19
S 20	5 54 42	28°21'21	5♓ 2	12°53	15°39	26°26	26° 5	18°14	0°44	11°14	12°36	19°58	19°11	26°48	0°31	S 20
M21	5 58 39	29°22'31	17°34	14°22	16°50	27° 2	25°56	18°17	0°45	11°13	12°35	19°56	19° 8	26°55	0°33	M21
T 22	6 2 35	0♈23'40	0♈25	15°51	18° 1	27°37	25°48	18°21	0°45	11°12	12°35	19°D55	19° 5	27° 1	0°36	T 22
W23	6 6 32	1°24'49	13°39	17°21	19°12	28°13	25°40	18°25	0°46	11°11	12°35	19°R55	19° 2	27° 8	0°38	W23
T 24	6 10 28	2°25'58	27°18	18°51	20°23	28°48	25°32	18°29	0°47	11°10	12°35	19°55	18°58	27°15	0°41	T 24
F 25	6 14 25	3°27'07	11♉26	20°21	21°34	29°24	25°24	18°32	0°48	11°10	12°34	19°53	18°55	27°21	0°43	F 25
S 26	6 18 22	4°28'16	26° 1	21°52	22°45	29°59	25°16	18°36	0°48	11° 9	12°34	19°49	18°52	27°28	0°46	S 26
S 27	6 22 18	5°29'25	11♊ 1	23°23	23°56	0♏34	25° 8	18°39	0°49	11° 8	12°34	19°42	18°49	27°35	0°48	S 27
M28	6 26 15	6°30'34	26°17	24°55	25° 8	1°10	25° 0	18°42	0°49	11° 7	12°33	19°33	18°46	27°42	0°51	M28
T 29	6 30 11	7°31'43	11♋38	26°27	26°19	1°45	24°53	18°45	0°50	11° 6	12°33	19°22	18°42	27°48	0°54	T 29
W30	6 34 8	8°32'53	26°54	27°59	27°31	2°20	24°45	18°48	0°50	11° 5	12°32	19°10	18°39	27°55	0°57	W30
T 31	6 38 4	9♑34'02	11♌53	29♐32	28♏42	2♏55	24♊37	18♎51	0♎50	11♉ 5	12♍32	19♎ 0	18♎36	28♐ 2	0♓59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s50	18n33	4s52	14s59	2n30	7s 8	2n16	4s43	1n19	23n 7	0s21	4s26	2n20	0n34	0n44	13n35	1s51	19n47	14n 3	8s31	7s54	18s43	6s13	5n39
W 2	21 59	17 6	5 7	15 17	2 26	7 31	2 18	4 57	1 19	23 7	0 21	4 28	2 20	0 33	0 44	13 35	1 51	19 48	14 3	8 29	7 53	18 43	6 13	5 39
T 3	22 8	14 32	5 1	15 36	2 22	7 54	2 19	5 11	1 19	23 7	0 21	4 30	2 20	0 32	0 44	13 35	1 51	19 48	14 4	8 26	7 52	18 43	6 13	5 38
F 4	22 16	11 9	4 36	15 58	2 16	8 17	2 21	5 25	1 19	23 7	0 21	4 32	2 20	0 32	0 44	13 34	1 51	19 48	14 4	8 24	7 51	18 43	6 13	5 38
S 5	22 24	7 14	3 56	16 20	2 11	8 40	2 22	5 38	1 19	23 7	0 21	4 33	2 21	0 31	0 44	13 34	1 51	19 49	14 5	8 23	7 49	18 43	6 12	5 38
S 6	22 32	3 5	3 3	16 43	2 5	9 3	2 23	5 52	1 19	23 7	0 21	4 35	2 21	0 30	0 44	13 33	1 51	19 49	14 6	8 23	7 48	18 43	6 12	5 37
M 7	22 38	1s 5	2 3	17 7	1 58	9 26	2 24	6 6	1 19	23 7	0 20	4 37	2 21	0 30	0 44	13 33	1 51	19 49	14 6	8 23	7 47	18 43	6 12	5 37
T 8	22 45	5 7	0 58	17 31	1 51	9 49	2 25	6 20	1 19	23 7	0 20	4 38	2 21	0 29	0 44	13 33	1 51	19 50	14 7	8 24	7 46	18 43	6 12	5 36
W 9	22 51	8 51	0n 8	17 55	1 44	10 12	2 26	6 33	1 19	23 7	0 20	4 40	2 21	0 28	0 44	13 32	1 50	19 50	14 7	8 24	7 45	18 42	6 12	5 36
T 10	22 57	12 8	1 13	18 20	1 37	10 34	2 27	6 47	1 19	23 7	0 20	4 42	2 22	0 28	0 44	13 32	1 50	19 50	14 8	8 24	7 43	18 42	6 11	5 36
F 11	23 2	14 52	2 13	18 44	1 29	10 57	2 27	7 1	1 19	23 7	0 20	4 43	2 22	0 27	0 44	13 32	1 50	19 51	14 8	8 22	7 42	18 42	6 11	5 35
S 12	23 7	16 57	3 7	19 8	1 22	11 19	2 28	7 14	1 19	23 7	0 20	4 45	2 22	0 27	0 44	13 31	1 50	19 51	14 9	8 20	7 41	18 42	6 11	5 35
S 13	23 11	18 18	3 52	19 32	1 14	11 42	2 28	7 28	1 19	23 7	0 20	4 46	2 22	0 26	0 44	13 31	1 50	19 52	14 9	8 17	7 40	18 42	6 10	5 35
M14	23 15	18 50	4 28	19 55	1 7	12 4	2 28	7 41	1 19	23 7	0 20	4 48	2 23	0 26	0 44	13 31	1 50	19 52	14 10	8 12	7 39	18 42	6 10	5 34
T 15	23 18	18 32	4 51	20 18	0 59	12 26	2 28	7 54	1 19	23 7	0 19	4 49	2 23	0 25	0 45	13 30	1 50	19 53	14 10	8 8	7 37	18 41	6 10	5 34
W16	23 21	17 27	5 2	20 41	0 51	12 47	2 28	8 8	1 18	23 7	0 19	4 51	2 23	0 25	0 45	13 30	1 50	19 53	14 11	8 3	7 36	18 41	6 9	5 33
T 17	23 23	15 35	4 59	21 2	0 44	13 9	2 28	8 21	1 18	23 6	0 19	4 52	2 23	0 25	0 45	13 30	1 50	19 53	14 11	7 58	7 35	18 41	6 9	5 33
F 18	23 25	13 3	4 44	21 23	0 36	13 30	2 28	8 34	1 18	23 6	0 19	4 54	2 24	0 24	0 45	13 29	1 50	19 54	14 12	7 54	7 34	18 41	6 8	5 33
S 19	23 27	9 56	4 15	21 43	0 28	13 52	2 27	8 47	1 18	23 6	0 19	4 55	2 24	0 24	0 45	13 29	1 50	19 54	14 12	7 51	7 32	18 41	6 8	5 32
S 20	23 28	6 21	3 35	22 2	0 21	14 12	2 27	9 0	1 18	23 6	0 19	4 56	2 24	0 24	0 45	13 29	1 50	19 55	14 13	7 49	7 31	18 41	6 7	5 32
M21	23 28	2 25	2 43	22 20	0 13	14 33	2 26	9 13	1 18	23 6	0 19	4 57	2 24	0 23	0 45	13 28	1 50	19 56	14 13	7 48	7 30	18 40	6 7	5 32
T 22	23 28	1n43	1 42	22 37	0 6	14 53	2 26	9 26	1 18	23 6	0 18	4 59	2 24	0 23	0 45	13 28	1 50	19 56	14 13	7 48	7 29	18 40	6 6	5 31
W23	23 28	5 54	0 33	22 54	0s 1	15 14	2 25	9 39	1 18	23 6	0 18	5 0	2 25	0 23	0 45	13 28	1 50	19 57	14 14	7 48	7 28	18 40	6 6	5 31
T 24	23 27	9 55	0s39	23 9	0 9	15 33	2 24	9 51	1 18	23 6	0 18	5 1	2 25	0 22	0 45	13 28	1 50	19 57	14 14	7 48	7 26	18 40	6 5	5 31
F 25	23 26	13 31	1 51	23 23	0 16	15 53	2 23	10 4	1 18	23 6	0 18	5 2	2 25	0 22	0 45	13 28	1 50	19 58	14 15	7 47	7 25	18 40	6 5	5 30
S 26	23 24	16 23	2 59	23 36	0 23	16 12	2 22	10 16	1 17	23 6	0 18	5 3	2 26	0 22	0 45	13 27	1 50	19 58	14 15	7 46	7 24	18 39	6 4	5 30
S 27	23 22	18 14	3 56	23 48	0 29	16 31	2 21	10 29	1 17	23 5	0 18	5 4	2 26	0 22	0 45	13 27	1 50	19 59	14 16	7 43	7 23	18 39	6 4	5 30
M28	23 19	18 49	4 37	23 58	0 36	16 49	2 19	10 41	1 17	23 5	0 18	5 5	2 26	0 22	0 45	13 27	1 50	19 59	14 16	7 40	7 22	18 39	6 3	5 29
T 29	23 16	18 1	4 58	24 8	0 42	17 7	2 18	10 54	1 17	23 5	0 17	5 6	2 26	0 22	0 45	13 27	1 50	20 0	14 17	7 35	7 20	18 39	6 2	5 29
W30	23 12	15 56	4 58	24 16	0 49	17 25	2 17	11 6	1 17	23 5	0 17	5 7	2 27	0 21	0 45	13 27	1 49	20 1	14 17	7 31	7 19	18 39	6 2	5 29
T 31	23s 8	12n48	4s37	24s23	0s55	17s42	2n15	11s18	1n17	23n 5	0s17	5s 8	2n27	0n21	0n45	13n26	1s49	20n 1	14n18	7s27	7s18	18s38	6s 1	5n28

Julian Day Number = 2348150.5, Delta T = 10.62 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'18, Lahiri = 19°54'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

JANUARY 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 1	10♑35'11	26♌27	1♑ 5	29♏54	3♏30	24°R30	18♎54	0♎51	11°R 4	12°R31	18°R52	18♎33	28♐ 8	1♓ 2	F 1
S 2	6 45 57	11°36'20	10♍31	2°38	1♐ 6	4° 5	24♊22	18°57	0°51	11♉ 3	12♍31	18♎46	18°30	28°15	1° 5	S 2
S 3	6 49 54	12°37'29	24° 4	4°12	2°18	4°40	24°15	19° 0	0°51	11° 3	12°30	18°43	18°27	28°22	1° 8	S 3
M 4	6 53 51	13°38'39	7♎ 9	5°46	3°30	5°15	24° 8	19° 2	0°51	11° 2	12°30	18°42	18°23	28°29	1°11	M 4
T 5	6 57 47	14°39'48	19°49	7°21	4°42	5°50	24° 0	19° 5	0°R51	11° 2	12°29	18°42	18°20	28°35	1°14	T 5
W 6	7 1 44	15°40'58	2♏ 9	8°56	5°54	6°25	23°53	19° 7	0°51	11° 1	12°28	18°42	18°17	28°42	1°17	W 6
T 7	7 5 40	16°42'08	14°15	10°31	7° 6	7° 0	23°46	19° 9	0°51	11° 1	12°27	18°40	18°14	28°49	1°20	T 7
F 8	7 9 37	17°43'17	26°12	12° 7	8°18	7°35	23°39	19°12	0°51	11° 0	12°27	18°35	18°11	28°55	1°23	F 8
S 9	7 13 33	18°44'27	8♐ 3	13°44	9°31	8° 9	23°33	19°14	0°51	11° 0	12°26	18°28	18° 8	29° 2	1°27	S 9
S 10	7 17 30	19°45'36	19°53	15°20	10°43	8°44	23°26	19°16	0°50	10°59	12°25	18°17	18° 4	29° 9	1°30	S 10
M11	7 21 26	20°46'45	1♑44	16°58	11°56	9°18	23°20	19°18	0°50	10°59	12°24	18° 4	18° 1	29°16	1°33	M11
T 12	7 25 23	21°47'53	13°38	18°36	13° 8	9°53	23°13	19°19	0°50	10°59	12°24	17°49	17°58	29°22	1°36	T 12
W13	7 29 20	22°49'01	25°36	20°14	14°21	10°27	23° 7	19°21	0°49	10°58	12°23	17°34	17°55	29°29	1°40	W13
T 14	7 33 16	23°50'09	7♒39	21°53	15°33	11° 2	23° 1	19°23	0°49	10°58	12°22	17°20	17°52	29°36	1°43	T 14
F 15	7 37 13	24°51'16	19°49	23°32	16°46	11°36	22°55	19°24	0°48	10°58	12°21	17° 7	17°48	29°42	1°47	F 15
S 16	7 41 9	25°52'22	2♓ 7	25°12	17°59	12°10	22°49	19°25	0°48	10°58	12°20	16°57	17°45	29°49	1°50	S 16
S 17	7 45 6	26°53'27	14°34	26°53	19°12	12°44	22°44	19°27	0°47	10°57	12°19	16°50	17°42	29°56	1°53	S 17
M18	7 49 2	27°54'31	27°12	28°34	20°24	13°18	22°38	19°28	0°46	10°57	12°18	16°47	17°39	0♑ 3	1°57	M18
T 19	7 52 59	28°55'34	10♈ 5	0♒16	21°37	13°52	22°33	19°29	0°46	10°57	12°17	16°45	17°36	0° 9	2° 0	T 19
W20	7 56 55	29°56'37	23°16	1°58	22°50	14°26	22°28	19°30	0°45	10°57	12°16	16°45	17°33	0°16	2° 4	W20
T 21	8 0 52	0♒57'38	6♉47	3°41	24° 3	15° 0	22°23	19°31	0°44	10°D57	12°15	16°45	17°29	0°23	2° 7	T 21
F 22	8 4 49	1°58'38	20°41	5°24	25°16	15°34	22°18	19°31	0°43	10°57	12°14	16°44	17°26	0°29	2°11	F 22
S 23	8 8 45	2°59'37	4♊59	7° 8	26°29	16° 7	22°14	19°32	0°42	10°57	12°12	16°40	17°23	0°36	2°15	S 23
S 24	8 12 42	4° 0'34	19°39	8°52	27°42	16°41	22° 9	19°32	0°41	10°57	12°11	16°34	17°20	0°43	2°18	S 24
M25	8 16 38	5° 1'31	4♋37	10°37	28°55	17°14	22° 5	19°33	0°40	10°57	12°10	16°26	17°17	0°50	2°22	M25
T 26	8 20 35	6° 2'26	19°44	12°23	0♑ 8	17°48	22° 1	19°33	0°39	10°58	12° 9	16°15	17°14	0°56	2°26	T 26
W27	8 24 31	7° 3'21	4♌51	14° 8	1°22	18°21	21°57	19°33	0°38	10°58	12° 8	16° 4	17°10	1° 3	2°29	W27
T 28	8 28 28	8° 4'14	19°46	15°55	2°35	18°54	21°53	19°R33	0°36	10°58	12° 7	15°54	17° 7	1°10	2°33	T 28
F 29	8 32 25	9° 5'06	4♍22	17°41	3°48	19°28	21°50	19°33	0°35	10°58	12° 5	15°46	17° 4	1°16	2°37	F 29
S 30	8 36 21	10° 5'57	18°32	19°27	5° 1	20° 1	21°47	19°33	0°34	10°59	12° 4	15°40	17° 1	1°23	2°41	S 30
S 31	8 40 18	11♒ 6'47	2♎13	21♒14	6♑15	20♏34	21♊44	19♎33	0♎33	10♉59	12♍ 3	15♎38	16♎58	1♑30	2♓44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 3	8n58	3s59	24s29	1s 1	17s59	2n13	11s30	1n16	23n 5	0s17	5s 9	2n27	0n21	0n45	13n26	1s49	20n 2	14n18	7s24	7s17	18s38	6s 0	5n28
S 2	22 58	4 45	3 7	24 33	1 6	18 16	2 12	11 42	1 16	23 5	0 17	5 10	2 27	0 21	0 45	13 26	1 49	20 3	14 19	7 22	7 16	18 38	5 59	5 28
S 3	22 52	0 26	2 6	24 36	1 12	18 32	2 10	11 54	1 16	23 4	0 17	5 10	2 28	0 21	0 45	13 26	1 49	20 3	14 19	7 21	7 14	18 38	5 59	5 28
M 4	22 46	3s46	1 1	24 38	1 17	18 47	2 8	12 6	1 16	23 4	0 16	5 11	2 28	0 21	0 45	13 26	1 49	20 4	14 20	7 20	7 13	18 38	5 58	5 27
T 5	22 40	7 40	0n 6	24 38	1 22	19 2	2 6	12 18	1 16	23 4	0 16	5 12	2 28	0 21	0 45	13 26	1 49	20 5	14 20	7 20	7 12	18 37	5 57	5 27
W 6	22 33	11 8	1 11	24 37	1 27	19 17	2 4	12 29	1 16	23 4	0 16	5 12	2 28	0 21	0 45	13 26	1 49	20 5	14 21	7 20	7 11	18 37	5 56	5 27
T 7	22 26	14 4	2 11	24 35	1 32	19 31	2 2	12 41	1 15	23 4	0 16	5 13	2 29	0 21	0 45	13 25	1 49	20 6	14 21	7 19	7 10	18 37	5 55	5 26
F 8	22 18	16 21	3 4	24 31	1 36	19 45	2 0	12 52	1 15	23 4	0 16	5 14	2 29	0 21	0 45	13 25	1 49	20 7	14 21	7 18	7 8	18 37	5 55	5 26
S 9	22 10	17 55	3 49	24 26	1 40	19 58	1 58	13 4	1 15	23 3	0 16	5 14	2 29	0 22	0 45	13 25	1 49	20 7	14 22	7 15	7 7	18 36	5 54	5 26
S 10	22 1	18 42	4 24	24 19	1 44	20 11	1 55	13 15	1 15	23 3	0 15	5 15	2 29	0 22	0 46	13 25	1 49	20 8	14 22	7 11	7 6	18 36	5 53	5 26
M11	21 52	18 40	4 47	24 11	1 48	20 23	1 53	13 26	1 15	23 3	0 15	5 15	2 30	0 22	0 46	13 25	1 49	20 9	14 23	7 6	7 5	18 36	5 52	5 25
T 12	21 42	17 50	4 58	24 1	1 51	20 35	1 51	13 37	1 14	23 3	0 15	5 16	2 30	0 22	0 46	13 25	1 49	20 9	14 23	7 0	7 3	18 36	5 51	5 25
W13	21 32	16 12	4 56	23 49	1 54	20 46	1 48	13 48	1 14	23 3	0 15	5 16	2 30	0 22	0 46	13 25	1 49	20 10	14 24	6 54	7 2	18 35	5 50	5 25
T 14	21 22	13 51	4 41	23 37	1 57	20 56	1 46	13 59	1 14	23 3	0 15	5 16	2 31	0 22	0 46	13 25	1 49	20 11	14 24	6 49	7 1	18 35	5 49	5 25
F 15	21 11	10 53	4 13	23 22	1 59	21 6	1 43	14 10	1 14	23 2	0 15	5 17	2 31	0 23	0 46	13 25	1 49	20 12	14 24	6 44	7 0	18 35	5 48	5 24
S 16	21 0	7 26	3 32	23 6	2 1	21 16	1 40	14 21	1 13	23 2	0 14	5 17	2 31	0 23	0 46	13 25	1 48	20 12	14 25	6 40	6 59	18 35	5 47	5 24
S 17	20 49	3 36	2 41	22 49	2 2	21 25	1 38	14 31	1 13	23 2	0 14	5 17	2 31	0 23	0 46	13 25	1 48	20 13	14 25	6 38	6 57	18 34	5 46	5 24
M18	20 37	0n26	1 41	22 30	2 4	21 33	1 35	14 42	1 13	23 2	0 14	5 17	2 32	0 24	0 46	13 25	1 48	20 14	14 26	6 36	6 56	18 34	5 45	5 24
T 19	20 24	4 32	0 35	22 9	2 4	21 40	1 32	14 52	1 13	23 2	0 14	5 17	2 32	0 24	0 46	13 25	1 48	20 15	14 26	6 36	6 55	18 34	5 44	5 23
W20	20 11	8 31	0s34	21 47	2 5	21 47	1 29	15 3	1 12	23 2	0 14	5 17	2 32	0 24	0 46	13 25	1 48	20 15	14 26	6 36	6 54	18 34	5 43	5 23
T 21	19 58	12 10	1 44	21 23	2 5	21 54	1 27	15 13	1 12	23 2	0 14	5 17	2 33	0 25	0 46	13 25	1 48	20 16	14 27	6 36	6 53	18 33	5 42	5 23
F 22	19 45	15 13	2 49	20 57	2 4	22 0	1 24	15 23	1 12	23 2	0 13	5 17	2 33	0 25	0 46	13 25	1 48	20 17	14 27	6 35	6 51	18 33	5 41	5 23
S 23	19 31	17 27	3 46	20 30	2 3	22 5	1 21	15 33	1 11	23 1	0 13	5 17	2 33	0 25	0 46	13 25	1 48	20 18	14 27	6 34	6 50	18 33	5 40	5 23
S 24	19 17	18 35	4 30	20 2	2 2	22 9	1 18	15 43	1 11	23 1	0 13	5 17	2 33	0 26	0 46	13 25	1 48	20 18	14 28	6 31	6 49	18 32	5 39	5 22
M25	19 2	18 28	4 55	19 31	2 0	22 13	1 15	15 53	1 11	23 1	0 13	5 17	2 34	0 26	0 46	13 26	1 48	20 19	14 28	6 28	6 48	18 32	5 38	5 22
T 26	18 47	17 3	5 1	19 0	1 58	22 16	1 12	16 2	1 10	23 1	0 13	5 17	2 34	0 27	0 46	13 26	1 48	20 20	14 28	6 24	6 46	18 32	5 37	5 22
W27	18 32	14 27	4 46	18 26	1 55	22 19	1 9	16 12	1 10	23 1	0 13	5 17	2 34	0 27	0 46	13 26	1 48	20 21	14 29	6 20	6 45	18 32	5 35	5 22
T 28	18 17	10 56	4 11	17 52	1 51	22 21	1 6	16 21	1 10	23 1	0 12	5 17	2 35	0 28	0 46	13 26	1 48	20 22	14 29	6 16	6 44	18 31	5 34	5 22
F 29	18 1	6 48	3 21	17 15	1 47	22 22	1 3	16 31	1 9	23 1	0 12	5 16	2 35	0 28	0 46	13 26	1 48	20 22	14 29	6 13	6 43	18 31	5 33	5 21
S 30	17 44	2 25	2 19	16 37	1 42	22 23	1 0	16 40	1 9	23 1	0 12	5 16	2 35	0 29	0 46	13 26	1 48	20 23	14 30	6 11	6 42	18 31	5 32	5 21
S 31	17s28	1s58	1s11	15s58	1s37	22s23	0n57	16s49	1n 8	23n 1	0s12	5s16	2n35	0n29	0n46	13n26	1s48	20n24	14n30	6s10	6s40	18s30	5s31	5n21

Julian Day Number = 2348181.5, Delta T = 10.61 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'23, Lahiri = 19°54'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

FEBRUARY 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 14	12♒ 7'36	15♎25	23♒ 0	7♑28	21♏ 7	21°R41	19°R33	0°R31	10♉59	12°R 1	15°D37	16♎54	1♑37	2♓48	M 1
T 2	8 48 11	13° 8'25	28°12	24°46	8°41	21°39	21♊38	19♎32	0♎30	11° 0	12♍ 0	15♎37	16°51	1°43	2°52	T 2
W 3	8 52 7	14° 9'12	10♏37	26°31	9°55	22°12	21°35	19°32	0°28	11° 0	11°59	15°R38	16°48	1°50	2°56	W 3
T 4	8 56 4	15° 9'58	22°46	28°15	11° 8	22°45	21°33	19°31	0°27	11° 1	11°57	15°37	16°45	1°57	3° 0	T 4
F 5	9 0 0	16°10'44	4♐43	29°59	12°22	23°17	21°31	19°30	0°25	11° 1	11°56	15°35	16°42	2° 3	3° 4	F 5
S 6	9 3 57	17°11'28	16°35	1♓40	13°35	23°50	21°29	19°29	0°23	11° 2	11°55	15°31	16°39	2°10	3° 8	S 6
S 7	9 7 53	18°12'11	28°25	3°20	14°49	24°22	21°27	19°28	0°22	11° 2	11°53	15°24	16°35	2°17	3°12	S 7
M 8	9 11 50	19°12'53	10♑17	4°57	16° 2	24°54	21°26	19°27	0°20	11° 3	11°52	15°15	16°32	2°24	3°15	M 8
T 9	9 15 47	20°13'34	22°15	6°32	17°16	25°26	21°24	19°26	0°18	11° 3	11°50	15° 5	16°29	2°30	3°19	T 9
W10	9 19 43	21°14'14	4♒19	8° 3	18°29	25°58	21°23	19°25	0°17	11° 4	11°49	14°54	16°26	2°37	3°23	W10
T 11	9 23 40	22°14'52	16°33	9°29	19°43	26°30	21°22	19°23	0°15	11° 5	11°47	14°43	16°23	2°44	3°27	T 11
F 12	9 27 36	23°15'28	28°56	10°51	20°56	27° 2	21°22	19°22	0°13	11° 6	11°46	14°34	16°20	2°50	3°31	F 12
S 13	9 31 33	24°16'03	11♓29	12° 8	22°10	27°34	21°21	19°20	0°11	11° 6	11°44	14°27	16°16	2°57	3°35	S 13
S 14	9 35 29	25°16'36	24°13	13°19	23°24	28° 5	21°21	19°19	0° 9	11° 7	11°43	14°23	16°13	3° 4	3°39	S 14
M15	9 39 26	26°17'08	7♈ 8	14°23	24°37	28°36	21°D21	19°17	0° 7	11° 8	11°41	14°21	16°10	3°11	3°43	M15
T 16	9 43 22	27°17'38	20°15	15°19	25°51	29° 8	21°21	19°15	0° 5	11° 9	11°40	14°D21	16° 7	3°17	3°47	T 16
W17	9 47 19	28°18'06	3♉36	16° 7	27° 5	29°39	21°21	19°13	0° 3	11°10	11°38	14°22	16° 4	3°24	3°51	W17
T 18	9 51 16	29°18'32	17°11	16°47	28°18	0♐10	21°22	19°11	0° 1	11°11	11°37	14°23	16° 0	3°31	3°55	T 18
F 19	9 55 12	0♓18'56	1♊ 1	17°17	29°32	0°40	21°22	19° 9	29♍59	11°12	11°35	14°R24	15°57	3°38	3°59	F 19
S 20	9 59 9	1°19'19	15° 8	17°38	0♒46	1°11	21°23	19° 6	29°57	11°13	11°34	14°23	15°54	3°44	4° 3	S 20
S 21	10 3 5	2°19'39	29°29	17°49	1°59	1°42	21°24	19° 4	29°54	11°14	11°32	14°20	15°51	3°51	4° 7	S 21
M22	10 7 2	3°19'57	14♋ 3	17°R50	3°13	2°12	21°26	19° 1	29°52	11°15	11°31	14°15	15°48	3°58	4°11	M22
T 23	10 10 58	4°20'14	28°43	17°42	4°27	2°42	21°27	18°59	29°50	11°16	11°29	14°10	15°45	4° 4	4°15	T 23
W24	10 14 55	5°20'28	13♌24	17°24	5°41	3°12	21°29	18°56	29°48	11°17	11°28	14° 3	15°41	4°11	4°19	W24
T 25	10 18 51	6°20'40	27°58	16°57	6°54	3°42	21°31	18°54	29°45	11°18	11°26	13°58	15°38	4°18	4°23	T 25
F 26	10 22 48	7°20'51	12♍19	16°22	8° 8	4°12	21°33	18°51	29°43	11°19	11°24	13°53	15°35	4°25	4°27	F 26
S 27	10 26 45	8°20'59	26°19	15°39	9°22	4°42	21°35	18°48	29°41	11°21	11°23	13°50	15°32	4°31	4°31	S 27
S 28	10 30 41	9♓21'06	9♎57	14♓50	10♒36	5♐11	21♊37	18♎45	29♍38	11♉22	11♍21	13°D49	15♎29	4♑38	4♓35	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s11	6s 6	0s 1	15s18	1s31	22s22	0n54	16s58	1n 8	23n 1	0s12	5s15	2n36	0n30	0n46	13n27	1s47	20n25	14n30	6s 9	6s39	18s30	5s30	5n21
T 2	16 54	9 49	1n 7	14 36	1 24	22 21	0 50	17 7	1 8	23 1	0 12	5 15	2 36	0 31	0 46	13 27	1 47	20 26	14 31	6 9	6 38	18 30	5 28	5 21
W 3	16 36	12 59	2 9	13 54	1 17	22 19	0 47	17 16	1 7	23 1	0 11	5 14	2 36	0 31	0 46	13 27	1 47	20 26	14 31	6 10	6 37	18 29	5 27	5 21
T 4	16 19	15 31	3 5	13 10	1 8	22 16	0 44	17 24	1 7	23 1	0 11	5 14	2 36	0 32	0 46	13 27	1 47	20 27	14 31	6 10	6 35	18 29	5 26	5 21
F 5	16 1	17 19	3 51	12 25	0 59	22 13	0 41	17 33	1 6	23 1	0 11	5 13	2 37	0 33	0 46	13 27	1 47	20 28	14 32	6 9	6 34	18 29	5 25	5 20
S 6	15 42	18 22	4 27	11 40	0 50	22 9	0 38	17 42	1 6	23 1	0 11	5 13	2 37	0 33	0 46	13 28	1 47	20 29	14 32	6 7	6 33	18 28	5 23	5 20
S 7	15 24	18 36	4 52	10 55	0 39	22 4	0 35	17 50	1 5	23 1	0 11	5 12	2 37	0 34	0 46	13 28	1 47	20 29	14 32	6 4	6 32	18 28	5 22	5 20
M 8	15 5	18 2	5 4	10 9	0 28	21 59	0 32	17 58	1 5	23 1	0 11	5 12	2 38	0 35	0 47	13 28	1 47	20 30	14 32	6 1	6 31	18 28	5 21	5 20
T 9	14 46	16 40	5 2	9 23	0 16	21 53	0 28	18 6	1 5	23 1	0 10	5 11	2 38	0 35	0 47	13 28	1 47	20 31	14 33	5 57	6 29	18 27	5 20	5 20
W10	14 26	14 33	4 48	8 37	0 4	21 47	0 25	18 14	1 4	23 1	0 10	5 10	2 38	0 36	0 47	13 29	1 47	20 32	14 33	5 53	6 28	18 27	5 18	5 20
T 11	14 7	11 46	4 20	7 53	0n 9	21 39	0 22	18 22	1 4	23 1	0 10	5 9	2 38	0 37	0 47	13 29	1 47	20 33	14 33	5 49	6 27	18 27	5 17	5 20
F 12	13 47	8 26	3 39	7 9	0 23	21 32	0 19	18 30	1 3	23 2	0 10	5 9	2 39	0 38	0 47	13 29	1 47	20 33	14 33	5 45	6 26	18 26	5 16	5 19
S 13	13 27	4 41	2 47	6 26	0 38	21 23	0 16	18 38	1 2	23 2	0 10	5 8	2 39	0 38	0 47	13 29	1 47	20 34	14 33	5 42	6 25	18 26	5 14	5 19
S 14	13 7	0 40	1 46	5 46	0 52	21 14	0 13	18 45	1 2	23 2	0 10	5 7	2 39	0 39	0 47	13 30	1 47	20 35	14 34	5 41	6 23	18 26	5 13	5 19
M15	12 46	3n26	0 39	5 7	1 7	21 4	0 10	18 53	1 1	23 2	0 9	5 6	2 39	0 40	0 47	13 30	1 47	20 36	14 34	5 40	6 22	18 25	5 12	5 19
T 16	12 26	7 26	0s32	4 31	1 23	20 54	0 7	19 0	1 1	23 2	0 9	5 5	2 40	0 41	0 47	13 30	1 47	20 36	14 34	5 40	6 21	18 25	5 10	5 19
W17	12 5	11 8	1 42	3 58	1 38	20 43	0 4	19 7	1 0	23 2	0 9	5 4	2 40	0 42	0 47	13 31	1 46	20 37	14 34	5 40	6 20	18 25	5 9	5 19
T 18	11 44	14 18	2 48	3 29	1 54	20 31	0 1	19 15	1 0	23 3	0 9	5 3	2 40	0 43	0 47	13 31	1 46	20 38	14 34	5 41	6 18	18 24	5 8	5 19
F 19	11 23	16 43	3 45	3 3	2 9	20 19	0s 2	19 22	0 59	23 3	0 9	5 2	2 40	0 43	0 47	13 31	1 46	20 39	14 35	5 41	6 17	18 24	5 6	5 19
S 20	11 1	18 10	4 30	2 42	2 23	20 6	0 5	19 28	0 58	23 3	0 9	5 1	2 41	0 44	0 47	13 32	1 46	20 39	14 35	5 41	6 16	18 24	5 5	5 19
S 21	10 40	18 29	4 59	2 24	2 38	19 53	0 8	19 35	0 58	23 3	0 9	5 0	2 41	0 45	0 47	13 32	1 46	20 40	14 35	5 40	6 15	18 23	5 4	5 19
M22	10 18	17 36	5 9	2 12	2 51	19 39	0 11	19 42	0 57	23 3	0 8	4 59	2 41	0 46	0 47	13 33	1 46	20 41	14 35	5 38	6 13	18 23	5 2	5 19
T 23	9 56	15 33	5 0	2 4	3 3	19 24	0 14	19 49	0 56	23 4	0 8	4 57	2 41	0 47	0 47	13 33	1 46	20 42	14 35	5 36	6 12	18 22	5 1	5 19
W24	9 34	12 30	4 30	2 1	3 14	19 9	0 17	19 55	0 56	23 4	0 8	4 56	2 41	0 48	0 47	13 33	1 46	20 42	14 35	5 33	6 11	18 22	4 59	5 19
T 25	9 12	8 42	3 43	2 2	3 23	18 53	0 20	20 1	0 55	23 4	0 8	4 55	2 42	0 49	0 47	13 34	1 46	20 43	14 35	5 31	6 10	18 22	4 58	5 19
F 26	8 49	4 26	2 43	2 9	3 31	18 37	0 22	20 8	0 54	23 4	0 8	4 54	2 42	0 50	0 47	13 34	1 46	20 44	14 35	5 29	6 9	18 21	4 57	5 18
S 27	8 27	0 2	1 34	2 20	3 37	18 20	0 25	20 14	0 54	23 5	0 8	4 52	2 42	0 51	0 47	13 35	1 46	20 45	14 36	5 28	6 7	18 21	4 55	5 18
S 28	8s 4	4s16	0s21	2s35	3n41	18s 3	0s28	20s20	0n53	23n 5	0s 7	4s51	2n42	0n52	0n47	13n35	1s46	20n45	14n36	5s27	6s 6	18s20	4s54	5n18

Julian Day Number = 2348212.5, Delta T = 10.60 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'27, Lahiri = 19°54'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

MARCH 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 38	10♓21'11	23♎11	13°R56	11♒49	5♐41	21♊40	18°R42	29°R36	11♉23	11°R20	13♎49	15♎25	4♑45	4♓39	M 1
T 2	10 38 34	11°21'15	6♏ 1	12♓58	13° 3	6°10	21°43	18♎39	29♍33	11°24	11♍18	13°50	15°22	4°51	4°43	T 2
W 3	10 42 31	12°21'17	18°31	11°58	14°17	6°39	21°46	18°36	29°31	11°26	11°16	13°52	15°19	4°58	4°47	W 3
T 4	10 46 27	13°21'17	0♐45	10°57	15°31	7° 7	21°49	18°32	29°29	11°27	11°15	13°53	15°16	5° 5	4°51	T 4
F 5	10 50 24	14°21'16	12°46	9°57	16°45	7°36	21°52	18°29	29°26	11°28	11°13	13°R54	15°13	5°12	4°55	F 5
S 6	10 54 20	15°21'13	24°40	8°59	17°58	8° 5	21°56	18°25	29°24	11°30	11°12	13°54	15°10	5°18	4°59	S 6
S 7	10 58 17	16°21'08	6♑32	8° 4	19°12	8°33	22° 0	18°22	29°21	11°31	11°10	13°52	15° 6	5°25	5° 3	S 7
M 8	11 2 14	17°21'02	18°26	7°12	20°26	9° 1	22° 4	18°18	29°19	11°33	11° 9	13°49	15° 3	5°32	5° 7	M 8
T 9	11 6 10	18°20'54	0♒26	6°26	21°40	9°29	22° 8	18°15	29°16	11°34	11° 7	13°45	15° 0	5°39	5°11	T 9
W10	11 10 7	19°20'44	12°36	5°45	22°54	9°56	22°12	18°11	29°14	11°36	11° 5	13°41	14°57	5°45	5°15	W10
T 11	11 14 3	20°20'32	24°58	5° 9	24° 8	10°24	22°16	18° 7	29°11	11°37	11° 4	13°37	14°54	5°52	5°19	T 11
F 12	11 18 0	21°20'19	7♓34	4°40	25°22	10°51	22°21	18° 3	29° 8	11°39	11° 2	13°34	14°51	5°59	5°23	F 12
S 13	11 21 56	22°20'03	20°25	4°17	26°35	11°18	22°26	18° 0	29° 6	11°40	11° 1	13°31	14°47	6° 5	5°27	S 13
S 14	11 25 53	23°19'46	3♈29	4° 1	27°49	11°44	22°31	17°56	29° 3	11°42	10°59	13°30	14°44	6°12	5°31	S 14
M15	11 29 49	24°19'26	16°48	3°51	29° 3	12°11	22°36	17°52	29° 1	11°44	10°58	13°D29	14°41	6°19	5°34	M15
T 16	11 33 46	25°19'04	0♉19	3°D47	0♓17	12°37	22°41	17°48	28°58	11°45	10°56	13°30	14°38	6°26	5°38	T 16
W17	11 37 42	26°18'40	14° 2	3°49	1°31	13° 3	22°47	17°43	28°55	11°47	10°55	13°31	14°35	6°32	5°42	W17
T 18	11 41 39	27°18'14	27°54	3°56	2°45	13°29	22°52	17°39	28°53	11°49	10°53	13°33	14°31	6°39	5°46	T 18
F 19	11 45 36	28°17'46	11♊55	4°10	3°59	13°54	22°58	17°35	28°50	11°50	10°52	13°34	14°28	6°46	5°50	F 19
S 20	11 49 32	29°17'15	26° 3	4°28	5°12	14°19	23° 4	17°31	28°48	11°52	10°50	13°R34	14°25	6°52	5°53	S 20
S 21	11 53 29	0♈16'42	10♋16	4°51	6°26	14°44	23°10	17°27	28°45	11°54	10°49	13°34	14°22	6°59	5°57	S 21
M22	11 57 25	1°16'07	24°31	5°19	7°40	15° 9	23°17	17°22	28°42	11°56	10°47	13°33	14°19	7° 6	6° 1	M22
T 23	12 1 22	2°15'29	8♌47	5°52	8°54	15°33	23°23	17°18	28°40	11°58	10°46	13°32	14°16	7°13	6° 5	T 23
W24	12 5 18	3°14'49	22°59	6°28	10° 8	15°58	23°30	17°13	28°37	11°59	10°44	13°31	14°12	7°19	6° 8	W24
T 25	12 9 15	4°14'06	7♍ 3	7° 9	11°22	16°21	23°36	17° 9	28°35	12° 1	10°43	13°29	14° 9	7°26	6°12	T 25
F 26	12 13 11	5°13'21	20°57	7°53	12°35	16°45	23°43	17° 5	28°32	12° 3	10°41	13°29	14° 6	7°33	6°16	F 26
S 27	12 17 8	6°12'35	4♎36	8°41	13°49	17° 8	23°50	17° 0	28°29	12° 5	10°40	13°28	14° 3	7°39	6°19	S 27
S 28	12 21 5	7°11'46	17°58	9°32	15° 3	17°31	23°57	16°56	28°27	12° 7	10°39	13°D28	14° 0	7°46	6°23	S 28
M29	12 25 1	8°10'55	1♏ 2	10°27	16°17	17°54	24° 5	16°51	28°24	12° 9	10°37	13°28	13°57	7°53	6°26	M29
T 30	12 28 58	9°10'02	13°48	11°24	17°31	18°16	24°12	16°46	28°22	12°11	10°36	13°29	13°53	8° 0	6°30	T 30
W31	12 32 54	10♈ 9'07	26♏17	12♓24	18♓45	18♐38	24♊20	16♎42	28♍19	12♉13	10♍34	13♎29	13♎50	8♑ 6	6♓33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s42	8s14	0n51	2s54	3n42	17s45	0s31	20s26	0n52	23n 5	0s 7	4s50	2n43	0n53	0n47	13n35	1s46	20n46	14n36	5s27	6s 5	18s20	4s52	5n18
T 2	7 19	11 41	1 58	3 17	3 42	17 27	0 33	20 32	0 51	23 6	0 7	4 48	2 43	0 54	0 47	13 36	1 46	20 47	14 36	5 28	6 4	18 20	4 51	5 18
W 3	6 56	14 30	2 58	3 42	3 40	17 8	0 36	20 37	0 50	23 6	0 7	4 47	2 43	0 55	0 47	13 36	1 46	20 47	14 36	5 29	6 2	18 19	4 50	5 18
T 4	6 33	16 36	3 49	4 9	3 35	16 49	0 38	20 43	0 50	23 6	0 7	4 46	2 43	0 56	0 47	13 37	1 46	20 48	14 36	5 29	6 1	18 19	4 48	5 18
F 5	6 10	17 55	4 28	4 38	3 28	16 29	0 41	20 48	0 49	23 7	0 7	4 44	2 43	0 57	0 47	13 37	1 46	20 49	14 36	5 30	6 0	18 18	4 47	5 18
S 6	5 47	18 26	4 56	5 7	3 20	16 9	0 43	20 54	0 48	23 7	0 7	4 43	2 43	0 58	0 47	13 38	1 46	20 49	14 36	5 29	5 59	18 18	4 45	5 18
S 7	5 24	18 8	5 11	5 37	3 10	15 48	0 46	20 59	0 47	23 7	0 6	4 41	2 44	0 59	0 47	13 38	1 45	20 50	14 36	5 29	5 58	18 18	4 44	5 18
M 8	5 0	17 3	5 12	6 6	2 59	15 27	0 48	21 4	0 46	23 8	0 6	4 40	2 44	1 0	0 47	13 39	1 45	20 51	14 36	5 28	5 56	18 17	4 42	5 18
T 9	4 37	15 12	5 0	6 35	2 47	15 6	0 50	21 10	0 45	23 8	0 6	4 38	2 44	1 1	0 47	13 39	1 45	20 51	14 36	5 26	5 55	18 17	4 41	5 18
W10	4 13	12 39	4 35	7 2	2 34	14 44	0 52	21 15	0 44	23 9	0 6	4 37	2 44	1 2	0 47	13 40	1 45	20 52	14 36	5 24	5 54	18 16	4 40	5 18
T 11	3 50	9 31	3 56	7 28	2 20	14 21	0 55	21 19	0 43	23 9	0 6	4 35	2 44	1 3	0 47	13 40	1 45	20 52	14 36	5 23	5 53	18 16	4 38	5 18
F 12	3 26	5 53	3 5	7 52	2 6	13 59	0 57	21 24	0 42	23 9	0 6	4 33	2 45	1 4	0 47	13 41	1 45	20 53	14 36	5 22	5 51	18 16	4 37	5 18
S 13	3 3	1 55	2 4	8 14	1 51	13 35	0 59	21 29	0 41	23 10	0 6	4 32	2 45	1 5	0 47	13 41	1 45	20 54	14 36	5 21	5 50	18 15	4 35	5 18
S 14	2 39	2n14	0 55	8 34	1 36	13 12	1 1	21 34	0 40	23 10	0 5	4 30	2 45	1 6	0 47	13 42	1 45	20 54	14 36	5 20	5 49	18 15	4 34	5 19
M15	2 15	6 20	0s18	8 51	1 21	12 48	1 3	21 38	0 39	23 11	0 5	4 29	2 45	1 7	0 47	13 42	1 45	20 55	14 36	5 20	5 48	18 14	4 32	5 19
T 16	1 52	10 10	1 32	9 6	1 6	12 24	1 5	21 43	0 38	23 11	0 5	4 27	2 45	1 8	0 47	13 43	1 45	20 55	14 36	5 20	5 46	18 14	4 31	5 19
W17	1 28	13 31	2 41	9 19	0 52	11 59	1 7	21 47	0 37	23 11	0 5	4 25	2 45	1 9	0 47	13 44	1 45	20 56	14 36	5 21	5 45	18 13	4 29	5 19
T 18	1 4	16 7	3 41	9 30	0 38	11 34	1 8	21 51	0 36	23 12	0 5	4 23	2 45	1 10	0 47	13 44	1 45	20 56	14 36	5 21	5 44	18 13	4 28	5 19
F 19	0 41	17 48	4 29	9 38	0 24	11 9	1 10	21 56	0 35	23 12	0 5	4 22	2 45	1 11	0 47	13 45	1 45	20 57	14 36	5 22	5 43	18 12	4 27	5 19
S 20	0 17	18 23	5 2	9 44	0 10	10 44	1 12	22 0	0 34	23 13	0 5	4 20	2 46	1 12	0 47	13 45	1 45	20 57	14 36	5 22	5 42	18 12	4 25	5 19
S 21	0n 7	17 50	5 16	9 47	0s 3	10 18	1 13	22 4	0 32	23 13	0 5	4 18	2 46	1 13	0 47	13 46	1 45	20 58	14 36	5 22	5 40	18 12	4 24	5 19
M22	0 30	16 9	5 10	9 49	0 16	9 52	1 15	22 8	0 31	23 14	0 4	4 17	2 46	1 14	0 47	13 46	1 45	20 58	14 35	5 21	5 39	18 11	4 22	5 19
T 23	0 54	13 29	4 46	9 48	0 28	9 25	1 16	22 12	0 30	23 14	0 4	4 15	2 46	1 15	0 47	13 47	1 45	20 59	14 35	5 21	5 38	18 11	4 21	5 19
W24	1 18	10 1	4 4	9 45	0 39	8 59	1 18	22 16	0 29	23 15	0 4	4 13	2 46	1 16	0 47	13 48	1 45	20 59	14 35	5 20	5 37	18 10	4 20	5 19
T 25	1 41	6 1	3 8	9 41	0 50	8 32	1 19	22 19	0 27	23 15	0 4	4 11	2 46	1 17	0 47	13 48	1 45	21 0	14 35	5 20	5 35	18 10	4 18	5 19
F 26	2 5	1 44	2 2	9 34	1 1	8 5	1 20	22 23	0 26	23 16	0 4	4 10	2 46	1 18	0 47	13 49	1 45	21 0	14 35	5 20	5 34	18 9	4 17	5 19
S 27	2 28	2s35	0 49	9 25	1 11	7 38	1 22	22 27	0 24	23 16	0 4	4 8	2 46	1 19	0 47	13 49	1 45	21 1	14 35	5 19	5 33	18 9	4 15	5 19
S 28	2 52	6 40	0n25	9 14	1 20	7 10	1 23	22 30	0 23	23 16	0 4	4 6	2 46	1 20	0 47	13 50	1 45	21 1	14 35	5 19	5 32	18 8	4 14	5 20
M29	3 15	10 21	1 36	9 2	1 29	6 42	1 24	22 34	0 22	23 17	0 4	4 4	2 46	1 21	0 47	13 51	1 45	21 1	14 35	5 19	5 30	18 8	4 13	5 20
T 30	3 38	13 27	2 40	8 48	1 37	6 14	1 25	22 37	0 20	23 17	0 3	4 2	2 46	1 22	0 47	13 51	1 44	21 2	14 34	5 20	5 29	18 7	4 11	5 20
W31	4n 2	15s51	3n36	8s32	1s45	5s46	1s26	22s41	0n19	23n18	0s 3	4s 1	2n46	1n23	0n47	13n52	1s44	21n 2	14n34	5s20	5s28	18s 7	4s10	5n20

Julian Day Number = 2348240.5, Delta T = 10.60 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'31, Lahiri = 19°54'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

APRIL 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 51	11♈ 8'11	8♐32	13♓27	19♓58	18♐59	24♊27	16°R37	28°R17	12♉15	10°R33	13♎29	13♎47	8♑13	6♓37	T 1
F 2	12 40 47	12° 7'12	20°35	14°32	21°12	19°21	24°35	16♎33	28♍14	12°17	10♍32	13°30	13°44	8°20	6°40	F 2
S 3	12 44 44	13° 6'12	2♑31	15°40	22°26	19°42	24°43	16°28	28°12	12°19	10°31	13°30	13°41	8°27	6°44	S 3
S 4	12 48 40	14° 5'10	14°24	16°50	23°40	20° 2	24°51	16°23	28° 9	12°21	10°29	13°30	13°37	8°33	6°47	S 4
M 5	12 52 37	15° 4'07	26°19	18° 3	24°54	20°22	25° 0	16°19	28° 7	12°23	10°28	13°30	13°34	8°40	6°50	M 5
T 6	12 56 34	16° 3'01	8♒20	19°17	26° 7	20°42	25° 8	16°14	28° 4	12°25	10°27	13°30	13°31	8°47	6°54	T 6
W 7	13 0 30	17° 1'54	20°32	20°34	27°21	21° 1	25°16	16°10	28° 2	12°27	10°26	13°30	13°28	8°53	6°57	W 7
T 8	13 4 27	18° 0'45	2♓58	21°53	28°35	21°20	25°25	16° 5	27°59	12°29	10°24	13°31	13°25	9° 0	7° 0	T 8
F 9	13 8 23	18°59'34	15°42	23°13	29°49	21°39	25°34	16° 0	27°57	12°31	10°23	13°31	13°22	9° 7	7° 3	F 9
S 10	13 12 20	19°58'21	28°45	24°36	1♈ 3	21°57	25°43	15°56	27°55	12°33	10°22	13°32	13°18	9°14	7° 7	S 10
S 11	13 16 16	20°57'07	12♈ 8	26° 0	2°17	22°14	25°52	15°51	27°52	12°35	10°21	13°R32	13°15	9°20	7°10	S 11
M12	13 20 13	21°55'50	25°49	27°26	3°30	22°32	26° 1	15°46	27°50	12°38	10°20	13°32	13°12	9°27	7°13	M12
T 13	13 24 9	22°54'32	9♉47	28°54	4°44	22°48	26°10	15°42	27°48	12°40	10°19	13°31	13° 9	9°34	7°16	T 13
W14	13 28 6	23°53'11	23°58	0♈24	5°58	23° 5	26°19	15°37	27°46	12°42	10°18	13°30	13° 6	9°40	7°19	W14
T 15	13 32 2	24°51'48	8♊18	1°56	7°12	23°20	26°29	15°33	27°43	12°44	10°17	13°29	13° 2	9°47	7°22	T 15
F 16	13 35 59	25°50'24	22°40	3°29	8°26	23°36	26°38	15°28	27°41	12°46	10°16	13°27	12°59	9°54	7°25	F 16
S 17	13 39 56	26°48'57	7♋ 2	5° 4	9°39	23°50	26°48	15°24	27°39	12°48	10°15	13°26	12°56	10° 1	7°28	S 17
S 18	13 43 52	27°47'28	21°20	6°41	10°53	24° 5	26°58	15°19	27°37	12°51	10°14	13°D25	12°53	10° 7	7°31	S 18
M19	13 47 49	28°45'56	5♌30	8°19	12° 7	24°18	27° 8	15°15	27°35	12°53	10°13	13°25	12°50	10°14	7°34	M19
T 20	13 51 45	29°44'23	19°30	9°59	13°21	24°32	27°18	15°10	27°33	12°55	10°12	13°26	12°47	10°21	7°36	T 20
W21	13 55 42	0♉42'47	3♍20	11°41	14°34	24°44	27°28	15° 6	27°31	12°57	10°11	13°27	12°43	10°28	7°39	W21
T 22	13 59 38	1°41'09	16°58	13°25	15°48	24°57	27°38	15° 2	27°29	12°59	10°10	13°29	12°40	10°34	7°42	T 22
F 23	14 3 35	2°39'29	0♎24	15°10	17° 2	25° 8	27°48	14°57	27°27	13° 2	10° 9	13°30	12°37	10°41	7°44	F 23
S 24	14 7 31	3°37'47	13°37	16°57	18°15	25°19	27°58	14°53	27°25	13° 4	10° 8	13°R30	12°34	10°48	7°47	S 24
S 25	14 11 28	4°36'03	26°37	18°46	19°29	25°30	28° 9	14°49	27°23	13° 6	10° 8	13°30	12°31	10°54	7°50	S 25
M26	14 15 25	5°34'17	9♏24	20°36	20°43	25°40	28°19	14°45	27°21	13° 8	10° 7	13°28	12°28	11° 1	7°52	M26
T 27	14 19 21	6°32'30	21°59	22°28	21°57	25°49	28°30	14°41	27°19	13°10	10° 6	13°25	12°24	11° 8	7°55	T 27
W28	14 23 18	7°30'41	4♐20	24°22	23°10	25°57	28°41	14°37	27°17	13°13	10° 5	13°22	12°21	11°15	7°57	W28
T 29	14 27 14	8°28'50	16°31	26°18	24°24	26° 5	28°52	14°32	27°15	13°15	10° 5	13°18	12°18	11°21	8° 0	T 29
F 30	14 31 11	9♉26'58	28♐33	28♈16	25♈38	26♐13	29♊ 2	14♎28	27♍14	13♉17	10♍ 4	13♎13	12♎15	11♑28	8♓ 2	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n25	17s28	4n20	8s15	1s52	5s18	1s27	22s44	0n17	23n18	0s 3	3s59	2n47	1n24	0n47	13n53	1s44	21n 3	14n34	5s20	5s27	18s 6	4s 8	5n20
F 2	4 48	18 17	4 52	7 55	1 59	4 50	1 27	22 47	0 16	23 19	0 3	3 57	2 47	1 25	0 47	13 53	1 44	21 3	14 34	5 20	5 25	18 6	4 7	5 20
S 3	5 11	18 16	5 11	7 35	2 5	4 21	1 28	22 51	0 14	23 19	0 3	3 55	2 47	1 26	0 47	13 54	1 44	21 3	14 34	5 20	5 24	18 5	4 6	5 20
S 4	5 34	17 26	5 17	7 13	2 11	3 53	1 29	22 54	0 12	23 20	0 3	3 53	2 47	1 27	0 47	13 54	1 44	21 4	14 34	5 20	5 23	18 5	4 4	5 20
M 5	5 57	15 51	5 9	6 49	2 16	3 24	1 29	22 57	0 11	23 20	0 3	3 52	2 47	1 28	0 47	13 55	1 44	21 4	14 33	5 20	5 22	18 4	4 3	5 20
T 6	6 19	13 34	4 48	6 24	2 20	2 55	1 30	23 0	0 9	23 20	0 3	3 50	2 47	1 29	0 47	13 56	1 44	21 4	14 33	5 20	5 21	18 4	4 2	5 21
W 7	6 42	10 39	4 13	5 57	2 24	2 26	1 30	23 3	0 7	23 21	0 2	3 48	2 47	1 30	0 47	13 56	1 44	21 5	14 33	5 20	5 19	18 3	4 0	5 21
T 8	7 5	7 13	3 26	5 29	2 27	1 57	1 31	23 6	0 5	23 21	0 2	3 46	2 47	1 31	0 47	13 57	1 44	21 5	14 33	5 20	5 18	18 3	3 59	5 21
F 9	7 27	3 22	2 28	5 0	2 30	1 28	1 31	23 9	0 3	23 22	0 2	3 44	2 47	1 32	0 47	13 58	1 44	21 5	14 33	5 21	5 17	18 2	3 58	5 21
S 10	7 49	0n44	1 21	4 29	2 33	0 59	1 31	23 12	0 2	23 22	0 2	3 43	2 47	1 33	0 47	13 58	1 44	21 5	14 32	5 21	5 16	18 2	3 56	5 21
S 11	8 11	4 55	0 8	3 57	2 35	0 29	1 31	23 15	0s 0	23 22	0 2	3 41	2 47	1 34	0 47	13 59	1 44	21 6	14 32	5 21	5 14	18 1	3 55	5 21
M12	8 33	8 57	1s 8	3 24	2 36	0 0	1 32	23 18	0 2	23 23	0 2	3 39	2 47	1 35	0 47	14 0	1 44	21 6	14 32	5 21	5 13	18 1	3 54	5 22
T 13	8 55	12 33	2 20	2 50	2 37	0n29	1 32	23 21	0 4	23 23	0 2	3 37	2 47	1 36	0 47	14 0	1 44	21 6	14 32	5 21	5 12	18 0	3 52	5 22
W14	9 17	15 28	3 26	2 14	2 37	0 58	1 32	23 24	0 6	23 24	0 2	3 36	2 47	1 36	0 47	14 1	1 44	21 6	14 31	5 20	5 11	18 0	3 51	5 22
T 15	9 38	17 28	4 19	1 37	2 36	1 28	1 31	23 27	0 8	23 24	0 2	3 34	2 47	1 37	0 47	14 2	1 44	21 6	14 31	5 20	5 9	17 59	3 50	5 22
F 16	10 0	18 21	4 56	1 0	2 36	1 57	1 31	23 30	0 11	23 24	0 1	3 32	2 47	1 38	0 47	14 2	1 44	21 6	14 31	5 19	5 8	17 59	3 49	5 22
S 17	10 21	18 3	5 14	0 21	2 34	2 26	1 31	23 33	0 13	23 25	0 1	3 31	2 46	1 39	0 47	14 3	1 44	21 7	14 31	5 19	5 7	17 58	3 47	5 22
S 18	10 42	16 37	5 13	0n19	2 32	2 55	1 31	23 35	0 15	23 25	0 1	3 29	2 46	1 40	0 47	14 4	1 44	21 7	14 30	5 18	5 6	17 58	3 46	5 23
M19	11 3	14 11	4 53	1 0	2 30	3 24	1 30	23 38	0 17	23 25	0 1	3 27	2 46	1 41	0 47	14 4	1 44	21 7	14 30	5 18	5 4	17 57	3 45	5 23
T 20	11 24	10 56	4 16	1 43	2 27	3 54	1 30	23 41	0 20	23 26	0 1	3 26	2 46	1 41	0 47	14 5	1 44	21 7	14 30	5 19	5 3	17 57	3 44	5 23
W21	11 44	7 8	3 24	2 26	2 23	4 23	1 30	23 44	0 22	23 26	0 1	3 24	2 46	1 42	0 47	14 6	1 44	21 7	14 29	5 19	5 2	17 56	3 43	5 23
T 22	12 5	2 59	2 21	3 10	2 19	4 51	1 29	23 47	0 24	23 26	0 1	3 22	2 46	1 43	0 47	14 6	1 44	21 7	14 29	5 20	5 1	17 56	3 41	5 23
F 23	12 25	1s15	1 12	3 54	2 15	5 20	1 28	23 50	0 27	23 27	0 1	3 21	2 46	1 44	0 46	14 7	1 44	21 7	14 29	5 20	5 0	17 55	3 40	5 24
S 24	12 45	5 22	0n 1	4 40	2 10	5 49	1 28	23 53	0 29	23 27	0 1	3 19	2 46	1 45	0 46	14 8	1 44	21 7	14 29	5 20	4 58	17 54	3 39	5 24
S 25	13 4	9 10	1 12	5 27	2 4	6 18	1 27	23 56	0 32	23 27	0 0	3 18	2 46	1 45	0 46	14 9	1 44	21 7	14 28	5 20	4 57	17 54	3 38	5 24
M26	13 24	12 28	2 18	6 14	1 58	6 46	1 26	23 59	0 35	23 27	0 0	3 16	2 46	1 46	0 46	14 9	1 44	21 7	14 28	5 19	4 56	17 53	3 37	5 24
T 27	13 43	15 8	3 16	7 2	1 52	7 15	1 25	24 2	0 37	23 28	0 0	3 15	2 46	1 47	0 46	14 10	1 44	21 7	14 28	5 18	4 55	17 53	3 36	5 24
W28	14 2	17 3	4 4	7 50	1 45	7 43	1 24	24 5	0 40	23 28	0 0	3 13	2 46	1 47	0 46	14 11	1 44	21 7	14 27	5 17	4 53	17 52	3 35	5 25
T 29	14 21	18 9	4 40	8 39	1 37	8 11	1 23	24 8	0 43	23 28	0 0	3 12	2 45	1 48	0 46	14 11	1 44	21 7	14 27	5 15	4 52	17 52	3 33	5 25
F 30	14n40	18s25	5n 3	9n29	1s29	8n39	1s22	24s11	0s45	23n28	0n 0	3s10	2n45	1n49	0n46	14n12	1s44	21n 7	14n27	5s14	4s51	17s51	3s32	5n25

Julian Day Number = 2348271.5, Delta T = 10.59 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'35, Lahiri = 19°54'36Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

MAY 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 7	10♉25'04	10♑29	0♉15	26♈51	26♐20	29♊13	14°R25	27°R12	13♉19	10°R 3	13°R10	12♎12	11♑35	8♓ 4	S 1
S 2	14 39 4	11°23'09	22°22	2°16	28° 5	26°26	29°25	14♎21	27♍10	13°22	10♍ 3	13♎ 7	12° 8	11°42	8° 6	S 2
M 3	14 43 0	12°21'12	4♒16	4°18	29°19	26°31	29°36	14°17	27° 9	13°24	10° 2	13° 5	12° 5	11°48	8° 9	M 3
T 4	14 46 57	13°19'14	16°16	6°22	0♉32	26°36	29°47	14°13	27° 7	13°26	10° 2	13°D 5	12° 2	11°55	8°11	T 4
W 5	14 50 54	14°17'15	28°26	8°28	1°46	26°40	29°58	14° 9	27° 6	13°29	10° 1	13° 6	11°59	12° 2	8°13	W 5
T 6	14 54 50	15°15'14	10♓52	10°34	3° 0	26°43	0♋10	14° 6	27° 4	13°31	10° 1	13° 7	11°56	12° 8	8°15	T 6
F 7	14 58 47	16°13'12	23°37	12°42	4°14	26°46	0°21	14° 2	27° 3	13°33	10° 0	13° 9	11°53	12°15	8°17	F 7
S 8	15 2 43	17°11'08	6♈45	14°51	5°27	26°47	0°33	13°59	27° 1	13°35	10° 0	13°R10	11°49	12°22	8°19	S 8
S 9	15 6 40	18° 9'03	20°17	17° 1	6°41	26°49	0°44	13°55	27° 0	13°38	9°59	13°10	11°46	12°29	8°21	S 9
M10	15 10 36	19° 6'57	4♉14	19°12	7°55	26°R49	0°56	13°52	26°59	13°40	9°59	13° 8	11°43	12°35	8°23	M10
T 11	15 14 33	20° 4'49	18°34	21°23	9° 8	26°48	1° 8	13°49	26°58	13°42	9°59	13° 5	11°40	12°42	8°25	T 11
W12	15 18 29	21° 2'40	3♊10	23°34	10°22	26°47	1°19	13°45	26°56	13°44	9°58	13° 0	11°37	12°49	8°26	W12
T 13	15 22 26	22° 0'30	17°57	25°45	11°36	26°45	1°31	13°42	26°55	13°47	9°58	12°55	11°34	12°55	8°28	T 13
F 14	15 26 23	22°58'18	2♋46	27°56	12°49	26°43	1°43	13°39	26°54	13°49	9°58	12°49	11°30	13° 2	8°30	F 14
S 15	15 30 19	23°56'04	17°30	0♊ 6	14° 3	26°39	1°55	13°36	26°53	13°51	9°58	12°44	11°27	13° 9	8°31	S 15
S 16	15 34 16	24°53'49	2♌ 1	2°15	15°17	26°35	2° 7	13°33	26°52	13°53	9°58	12°40	11°24	13°16	8°33	S 16
M17	15 38 12	25°51'32	16°17	4°22	16°30	26°30	2°19	13°31	26°51	13°55	9°57	12°38	11°21	13°22	8°34	M17
T 18	15 42 9	26°49'13	0♍14	6°29	17°44	26°25	2°32	13°28	26°50	13°58	9°57	12°D38	11°18	13°29	8°36	T 18
W19	15 46 5	27°46'53	13°53	8°33	18°58	26°18	2°44	13°25	26°49	14° 0	9°57	12°39	11°14	13°36	8°37	W19
T 20	15 50 2	28°44'31	27°15	10°36	20°11	26°11	2°56	13°23	26°49	14° 2	9°57	12°40	11°11	13°43	8°39	T 20
F 21	15 53 58	29°42'08	10♎20	12°37	21°25	26° 3	3° 8	13°20	26°48	14° 4	9°D57	12°R41	11° 8	13°49	8°40	F 21
S 22	15 57 55	0♊39'43	23°12	14°35	22°38	25°55	3°21	13°18	26°47	14° 6	9°57	12°40	11° 5	13°56	8°41	S 22
S 23	16 1 52	1°37'17	5♏52	16°31	23°52	25°45	3°33	13°15	26°46	14° 9	9°57	12°38	11° 2	14° 3	8°42	S 23
M24	16 5 48	2°34'49	18°21	18°24	25° 6	25°35	3°46	13°13	26°46	14°11	9°57	12°33	10°59	14° 9	8°43	M24
T 25	16 9 45	3°32'21	0♐41	20°15	26°19	25°24	3°58	13°11	26°45	14°13	9°57	12°26	10°55	14°16	8°45	T 25
W26	16 13 41	4°29'51	12°53	22° 3	27°33	25°13	4°11	13° 9	26°45	14°15	9°57	12°17	10°52	14°23	8°46	W26
T 27	16 17 38	5°27'20	24°57	23°48	28°47	25° 1	4°24	13° 7	26°44	14°17	9°58	12° 8	10°49	14°30	8°46	T 27
F 28	16 21 34	6°24'48	6♑55	25°31	0♊ 0	24°48	4°36	13° 5	26°44	14°19	9°58	11°58	10°46	14°36	8°47	F 28
S 29	16 25 31	7°22'16	18°48	27°11	1°14	24°35	4°49	13° 3	26°44	14°21	9°58	11°48	10°43	14°43	8°48	S 29
S 30	16 29 27	8°19'42	0♒40	28°48	2°28	24°21	5° 2	13° 2	26°43	14°24	9°58	11°41	10°39	14°50	8°49	S 30
M31	16 33 24	9♊17'08	12♒33	0♋22	3♊41	24♐ 6	5♋15	13♎ 0	26♍43	14♉26	9♍59	11♎35	10♎36	14♑57	8♓50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	17s52	5n13	10n19	1s21	9n 6	1s21	24s14	0s48	23n28	0n 0	3s 9	2n45	1n49	0n46	14n13	1s44	21n 7	14n26	5s12	4s50	17s51	3s31	5n25
S 2	15 16	16 32	5 9	11 9	1 12	9 34	1 20	24 17	0 51	23 29	0 0	3 8	2 45	1 50	0 46	14 13	1 44	21 7	14 26	5 11	4 48	17 50	3 30	5 25
M 3	15 34	14 29	4 52	11 59	1 3	10 1	1 19	24 20	0 54	23 29	0 0	3 6	2 45	1 51	0 46	14 14	1 44	21 7	14 26	5 11	4 47	17 49	3 29	5 26
T 4	15 52	11 48	4 22	12 49	0 54	10 28	1 18	24 23	0 57	23 29	0 0	3 5	2 45	1 51	0 46	14 15	1 44	21 7	14 25	5 10	4 46	17 49	3 28	5 26
W 5	16 9	8 35	3 40	13 39	0 44	10 55	1 16	24 26	1 0	23 29	0 1	3 4	2 45	1 52	0 46	14 15	1 44	21 7	14 25	5 11	4 45	17 48	3 27	5 26
T 6	16 26	4 55	2 47	14 29	0 34	11 21	1 15	24 29	1 3	23 29	0 1	3 2	2 45	1 52	0 46	14 16	1 44	21 7	14 25	5 11	4 43	17 48	3 26	5 26
F 7	16 43	0 56	1 45	15 18	0 24	11 48	1 13	24 33	1 7	23 29	0 1	3 1	2 44	1 53	0 46	14 17	1 44	21 6	14 24	5 12	4 42	17 47	3 25	5 27
S 8	16 59	3n13	0 35	16 6	0 13	12 14	1 12	24 36	1 10	23 29	0 1	3 0	2 44	1 53	0 46	14 17	1 44	21 6	14 24	5 12	4 41	17 46	3 24	5 27
S 9	17 16	7 20	0s39	16 54	0 3	12 39	1 10	24 39	1 13	23 29	0 1	2 59	2 44	1 54	0 46	14 18	1 44	21 6	14 24	5 12	4 40	17 46	3 23	5 27
M10	17 32	11 11	1 52	17 40	0n 8	13 5	1 9	24 43	1 17	23 29	0 1	2 58	2 44	1 54	0 46	14 19	1 44	21 6	14 23	5 12	4 38	17 45	3 23	5 27
T 11	17 47	14 29	3 1	18 26	0 18	13 30	1 7	24 46	1 20	23 29	0 1	2 56	2 44	1 55	0 46	14 19	1 44	21 6	14 23	5 10	4 37	17 45	3 22	5 28
W12	18 3	16 55	3 58	19 9	0 29	13 55	1 6	24 49	1 23	23 29	0 1	2 55	2 44	1 55	0 46	14 20	1 44	21 6	14 23	5 9	4 36	17 44	3 21	5 28
T 13	18 18	18 16	4 41	19 51	0 39	14 19	1 4	24 53	1 27	23 29	0 1	2 54	2 43	1 56	0 46	14 21	1 44	21 5	14 22	5 6	4 35	17 43	3 20	5 28
F 14	18 33	18 22	5 5	20 31	0 49	14 43	1 2	24 56	1 30	23 29	0 1	2 53	2 43	1 56	0 46	14 21	1 44	21 5	14 22	5 4	4 33	17 43	3 19	5 28
S 15	18 47	17 14	5 9	21 9	0 59	15 7	1 0	25 0	1 34	23 29	0 2	2 52	2 43	1 56	0 46	14 22	1 44	21 5	14 21	5 2	4 32	17 42	3 18	5 29
S 16	19 1	14 59	4 52	21 45	1 8	15 31	0 58	25 3	1 38	23 29	0 2	2 51	2 43	1 57	0 46	14 23	1 44	21 5	14 21	5 1	4 31	17 42	3 17	5 29
M17	19 15	11 52	4 18	22 18	1 17	15 54	0 57	25 7	1 41	23 29	0 2	2 50	2 43	1 57	0 46	14 23	1 44	21 4	14 21	5 0	4 30	17 41	3 17	5 29
T 18	19 28	8 8	3 29	22 49	1 25	16 16	0 55	25 10	1 45	23 29	0 2	2 50	2 42	1 57	0 46	14 24	1 44	21 4	14 20	5 0	4 28	17 40	3 16	5 29
W19	19 42	4 3	2 29	23 17	1 33	16 38	0 53	25 14	1 49	23 29	0 2	2 49	2 42	1 58	0 46	14 25	1 44	21 4	14 20	5 0	4 27	17 40	3 15	5 30
T 20	19 54	0s10	1 22	23 43	1 40	17 0	0 51	25 17	1 52	23 28	0 2	2 48	2 42	1 58	0 46	14 25	1 44	21 3	14 20	5 1	4 26	17 39	3 14	5 30
F 21	20 7	4 18	0 13	24 6	1 46	17 22	0 49	25 21	1 56	23 28	0 2	2 47	2 42	1 58	0 46	14 26	1 44	21 3	14 19	5 1	4 25	17 39	3 14	5 30
S 22	20 19	8 9	0n57	24 26	1 52	17 42	0 47	25 24	2 0	23 28	0 2	2 46	2 42	1 59	0 45	14 26	1 44	21 3	14 19	5 1	4 23	17 38	3 13	5 30
S 23	20 31	11 35	2 2	24 44	1 57	18 3	0 44	25 28	2 4	23 28	0 2	2 46	2 41	1 59	0 45	14 27	1 44	21 2	14 18	5 0	4 22	17 37	3 12	5 31
M24	20 42	14 26	3 0	24 59	2 1	18 23	0 42	25 32	2 8	23 28	0 2	2 45	2 41	1 59	0 45	14 28	1 44	21 2	14 18	4 58	4 21	17 37	3 12	5 31
T 25	20 53	16 36	3 49	25 11	2 5	18 42	0 40	25 35	2 11	23 27	0 3	2 44	2 41	1 59	0 45	14 28	1 44	21 1	14 18	4 55	4 20	17 36	3 11	5 31
W26	21 4	17 58	4 26	25 21	2 8	19 1	0 38	25 38	2 15	23 27	0 3	2 44	2 41	1 59	0 45	14 29	1 44	21 1	14 17	4 52	4 18	17 35	3 10	5 32
T 27	21 15	18 31	4 52	25 29	2 9	19 20	0 36	25 42	2 19	23 27	0 3	2 43	2 41	1 59	0 45	14 30	1 44	21 1	14 17	4 48	4 17	17 35	3 10	5 32
F 28	21 25	18 14	5 4	25 34	2 11	19 38	0 34	25 45	2 23	23 26	0 3	2 43	2 40	2 0	0 45	14 30	1 44	21 0	14 17	4 44	4 16	17 34	3 9	5 32
S 29	21 34	17 9	5 3	25 38	2 11	19 55	0 31	25 49	2 27	23 26	0 3	2 42	2 40	2 0	0 45	14 31	1 44	21 0	14 16	4 40	4 15	17 33	3 8	5 32
S 30	21 44	15 20	4 49	25 39	2 11	20 12	0 29	25 52	2 31	23 26	0 3	2 42	2 40	2 0	0 45	14 31	1 44	20 59	14 16	4 37	4 13	17 33	3 8	5 33
M31	21n52	12s52	4n22	25n38	2n 9	20n29	0s27	25s55	2s35	23n25	0n 3	2s41	2n40	2n 0	0n45	14n32	1s44	20n59	14n15	4s35	4s12	17s32	3s 7	5n33

Julian Day Number = 2348301.5, Delta T = 10.59 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'39, Lahiri = 19°54'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

JUNE 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 21	10♊14'33	24♒32	1♋53	4♊55	23°R51	5♋27	12°R59	26°R43	14♉28	9♍59	11°R31	10♎33	15♑ 3	8♓50	T 1
W 2	16 41 17	11°11'57	6♓40	3°21	6° 8	23♐35	5°40	12♎57	26♍43	14°30	9°59	11°D30	10°30	15°10	8°51	W 2
T 3	16 45 14	12° 9'21	19° 2	4°47	7°22	23°19	5°53	12°56	26°43	14°32	10° 0	11♎30	10°27	15°17	8°52	T 3
F 4	16 49 10	13° 6'44	1♈44	6° 9	8°36	23° 2	6° 6	12°55	26°D43	14°34	10° 0	11°31	10°24	15°23	8°52	F 4
S 5	16 53 7	14° 4'06	14°50	7°28	9°49	22°45	6°19	12°54	26°43	14°36	10° 0	11°R31	10°20	15°30	8°52	S 5
S 6	16 57 3	15° 1'28	28°23	8°44	11° 3	22°28	6°32	12°53	26°43	14°38	10° 1	11°30	10°17	15°37	8°53	S 6
M 7	17 1 0	15°58'50	12♉25	9°58	12°17	22°10	6°45	12°52	26°43	14°40	10° 1	11°26	10°14	15°44	8°53	M 7
T 8	17 4 56	16°56'11	26°53	11° 7	13°30	21°52	6°58	12°51	26°43	14°42	10° 2	11°21	10°11	15°50	8°53	T 8
W 9	17 8 53	17°53'31	11♊45	12°14	14°44	21°33	7°12	12°50	26°43	14°44	10° 3	11°13	10° 8	15°57	8°54	W 9
T 10	17 12 50	18°50'51	26°51	13°18	15°58	21°14	7°25	12°50	26°44	14°46	10° 3	11° 3	10° 5	16° 4	8°54	T 10
F 11	17 16 46	19°48'10	12♋ 1	14°18	17°11	20°55	7°38	12°49	26°44	14°48	10° 4	10°53	10° 1	16°10	8°54	F 11
S 12	17 20 43	20°45'29	27° 6	15°14	18°25	20°36	7°51	12°49	26°44	14°50	10° 4	10°45	9°58	16°17	8°R54	S 12
S 13	17 24 39	21°42'46	11♌55	16° 7	19°39	20°17	8° 4	12°48	26°45	14°52	10° 5	10°38	9°55	16°24	8°54	S 13
M14	17 28 36	22°40'03	26°23	16°56	20°52	19°58	8°18	12°48	26°45	14°53	10° 6	10°33	9°52	16°31	8°54	M14
T 15	17 32 32	23°37'19	10♍27	17°42	22° 6	19°38	8°31	12°48	26°46	14°55	10° 7	10°31	9°49	16°37	8°54	T 15
W16	17 36 29	24°34'34	24° 6	18°24	23°20	19°19	8°44	12°D48	26°46	14°57	10° 7	10°D30	9°45	16°44	8°53	W16
T 17	17 40 25	25°31'48	7♎21	19° 2	24°34	19° 0	8°58	12°48	26°47	14°59	10° 8	10°R30	9°42	16°51	8°53	T 17
F 18	17 44 22	26°29'02	20°17	19°35	25°47	18°41	9°11	12°48	26°48	15° 1	10° 9	10°30	9°39	16°58	8°53	F 18
S 19	17 48 19	27°26'15	2♏56	20° 5	27° 1	18°22	9°24	12°49	26°49	15° 3	10°10	10°28	9°36	17° 4	8°52	S 19
S 20	17 52 15	28°23'27	15°22	20°30	28°15	18° 3	9°38	12°49	26°49	15° 4	10°11	10°24	9°33	17°11	8°52	S 20
M21	17 56 12	29°20'39	27°38	20°51	29°28	17°45	9°51	12°50	26°50	15° 6	10°12	10°17	9°30	17°18	8°51	M21
T 22	18 0 8	0♋17'51	9♐46	21° 7	0♋42	17°27	10° 4	12°50	26°51	15° 8	10°13	10° 7	9°26	17°24	8°51	T 22
W23	18 4 5	1°15'02	21°48	21°19	1°56	17° 9	10°18	12°51	26°52	15° 9	10°14	9°55	9°23	17°31	8°50	W23
T 24	18 8 1	2°12'13	3♑45	21°26	3° 9	16°52	10°31	12°52	26°53	15°11	10°15	9°42	9°20	17°38	8°50	T 24
F 25	18 11 58	3° 9'23	15°39	21°R29	4°23	16°35	10°45	12°53	26°54	15°13	10°16	9°28	9°17	17°45	8°49	F 25
S 26	18 15 54	4° 6'34	27°31	21°27	5°37	16°19	10°58	12°54	26°55	15°14	10°17	9°16	9°14	17°51	8°48	S 26
S 27	18 19 51	5° 3'44	9♒23	21°20	6°51	16° 3	11°12	12°55	26°57	15°16	10°18	9° 4	9°11	17°58	8°47	S 27
M28	18 23 48	6° 0'55	21°18	21° 9	8° 4	15°47	11°25	12°56	26°58	15°18	10°19	8°56	9° 7	18° 5	8°47	M28
T 29	18 27 44	6°58'06	3♓17	20°54	9°18	15°33	11°39	12°57	26°59	15°19	10°20	8°50	9° 4	18°12	8°46	T 29
W30	18 31 41	7♋55'16	15♓25	20♋34	10♋32	15♐18	11♋52	12♎58	27♍ 0	15♉21	10♍21	8♎47	9♎ 1	18♑18	8♓45	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	9s51	3n44	25n35	2n 7	20n45	0s25	25s58	2s39	23n25	0n 3	2s41	2n39	2n 0	0n45	14n33	1s44	20n58	14n15	4s34	4s11	17s31	3s 7	5n33
W 2	22 9	6 22	2 55	25 30	2 5	21 0	0 22	26 2	2 43	23 24	0 3	2 41	2 39	2 0	0 45	14 33	1 44	20 58	14 15	4 33	4 10	17 31	3 6	5 33
T 3	22 17	2 33	1 57	25 24	2 1	21 15	0 20	26 5	2 47	23 24	0 3	2 40	2 39	2 0	0 45	14 34	1 44	20 57	14 14	4 33	4 8	17 30	3 6	5 34
F 4	22 24	1n29	0 52	25 16	1 57	21 29	0 18	26 8	2 50	23 23	0 3	2 40	2 39	2 0	0 45	14 34	1 44	20 57	14 14	4 34	4 7	17 29	3 6	5 34
S 5	22 31	5 35	0s18	25 7	1 52	21 42	0 15	26 10	2 54	23 23	0 4	2 40	2 38	2 0	0 45	14 35	1 44	20 56	14 14	4 34	4 6	17 29	3 5	5 34
S 6	22 38	9 32	1 29	24 57	1 46	21 55	0 13	26 13	2 58	23 22	0 4	2 40	2 38	2 0	0 45	14 35	1 44	20 56	14 13	4 33	4 5	17 28	3 5	5 35
M 7	22 44	13 6	2 37	24 45	1 39	22 8	0 10	26 16	3 2	23 22	0 4	2 40	2 38	2 0	0 45	14 36	1 44	20 55	14 13	4 32	4 4	17 27	3 4	5 35
T 8	22 50	15 58	3 37	24 32	1 32	22 19	0 8	26 18	3 5	23 21	0 4	2 40	2 38	1 59	0 45	14 36	1 44	20 55	14 12	4 30	4 2	17 27	3 4	5 35
W 9	22 55	17 52	4 24	24 18	1 24	22 30	0 6	26 21	3 9	23 21	0 4	2 40	2 37	1 59	0 45	14 37	1 44	20 54	14 12	4 27	4 1	17 26	3 4	5 35
T 10	23 0	18 33	4 53	24 4	1 16	22 41	0 3	26 23	3 13	23 20	0 4	2 40	2 37	1 59	0 45	14 38	1 44	20 54	14 12	4 23	4 0	17 25	3 3	5 36
F 11	23 5	17 55	5 2	23 48	1 6	22 50	0 1	26 25	3 16	23 19	0 4	2 40	2 37	1 59	0 45	14 38	1 44	20 53	14 11	4 19	3 59	17 25	3 3	5 36
S 12	23 9	16 1	4 50	23 32	0 56	23 0	0n 1	26 27	3 19	23 19	0 4	2 40	2 37	1 59	0 45	14 39	1 44	20 53	14 11	4 15	3 57	17 24	3 3	5 36
S 13	23 13	13 6	4 19	23 15	0 45	23 8	0 4	26 29	3 23	23 18	0 4	2 40	2 36	1 59	0 45	14 39	1 45	20 52	14 11	4 13	3 56	17 23	3 3	5 37
M14	23 16	9 25	3 31	22 58	0 34	23 16	0 6	26 31	3 26	23 17	0 4	2 40	2 36	1 58	0 44	14 40	1 45	20 51	14 10	4 11	3 55	17 23	3 2	5 37
T 15	23 19	5 19	2 32	22 40	0 22	23 23	0 9	26 33	3 29	23 16	0 4	2 40	2 36	1 58	0 44	14 40	1 45	20 51	14 10	4 10	3 54	17 22	3 2	5 37
W16	23 22	1 2	1 26	22 22	0 10	23 29	0 11	26 34	3 32	23 16	0 5	2 40	2 36	1 58	0 44	14 41	1 45	20 50	14 9	4 10	3 52	17 21	3 2	5 37
T 17	23 24	3s11	0 17	22 4	0s 3	23 35	0 13	26 36	3 35	23 15	0 5	2 41	2 35	1 58	0 44	14 41	1 45	20 49	14 9	4 10	3 51	17 21	3 2	5 38
F 18	23 26	7 8	0n52	21 46	0 17	23 40	0 16	26 37	3 38	23 14	0 5	2 41	2 35	1 57	0 44	14 42	1 45	20 49	14 9	4 10	3 50	17 20	3 2	5 38
S 19	23 27	10 42	1 56	21 27	0 31	23 44	0 18	26 38	3 41	23 13	0 5	2 41	2 35	1 57	0 44	14 42	1 45	20 48	14 8	4 9	3 49	17 19	3 2	5 38
S 20	23 28	13 42	2 53	21 9	0 46	23 48	0 20	26 39	3 44	23 12	0 5	2 42	2 35	1 56	0 44	14 43	1 45	20 47	14 8	4 7	3 47	17 18	3 1	5 38
M21	23 28	16 3	3 42	20 51	1 1	23 51	0 23	26 40	3 47	23 11	0 5	2 42	2 34	1 56	0 44	14 43	1 45	20 47	14 8	4 5	3 46	17 18	3 1	5 39
T 22	23 28	17 40	4 19	20 34	1 16	23 53	0 25	26 41	3 49	23 11	0 5	2 43	2 34	1 56	0 44	14 44	1 45	20 46	14 7	4 1	3 45	17 17	3 1	5 39
W23	23 28	18 28	4 45	20 16	1 32	23 55	0 27	26 42	3 52	23 10	0 5	2 43	2 34	1 55	0 44	14 44	1 45	20 45	14 7	3 56	3 44	17 16	3 1	5 39
T 24	23 27	18 27	4 58	20 0	1 47	23 56	0 29	26 42	3 54	23 9	0 5	2 44	2 34	1 55	0 44	14 44	1 45	20 45	14 7	3 51	3 42	17 16	3 1	5 39
F 25	23 26	17 37	4 58	19 44	2 3	23 56	0 32	26 43	3 56	23 8	0 5	2 44	2 33	1 54	0 44	14 45	1 45	20 44	14 6	3 46	3 41	17 15	3 1	5 40
S 26	23 25	16 2	4 45	19 28	2 19	23 55	0 34	26 43	3 58	23 7	0 6	2 45	2 33	1 54	0 44	14 45	1 45	20 43	14 6	3 40	3 40	17 14	3 1	5 40
S 27	23 23	13 45	4 20	19 13	2 35	23 54	0 36	26 43	4 0	23 6	0 6	2 46	2 33	1 53	0 44	14 46	1 45	20 43	14 6	3 36	3 39	17 13	3 1	5 40
M28	23 20	10 54	3 43	19 0	2 51	23 52	0 38	26 44	4 2	23 5	0 6	2 46	2 33	1 53	0 44	14 46	1 45	20 42	14 5	3 33	3 37	17 13	3 2	5 40
T 29	23 17	7 35	2 56	18 47	3 6	23 49	0 40	26 44	4 4	23 4	0 6	2 47	2 32	1 52	0 44	14 47	1 45	20 41	14 5	3 30	3 36	17 12	3 2	5 41
W30	23n14	3s55	2n 0	18n35	3s21	23n46	0n42	26s44	4s 6	23n 2	0n 6	2s48	2n32	1n52	0n44	14n47	1s45	20n40	14n 5	3s29	3s35	17s11	3s 2	5n41

Julian Day Number = 2348332.5, Delta T = 10.58 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'44, Lahiri = 19°54'44Greg. Calendar

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JULY 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 37	8♋52'27	27♓47	20°R11	11♋46	15°R 5	12♋ 6	13♎ 0	27♍ 2	15♉22	10♍22	8°R46	8♎58	18♑25	8°R44	T 1
F 2	18 39 34	9°49'39	10♈26	19♋44	12°59	14♐52	12°19	13° 2	27° 3	15°24	10°24	8♎46	8°55	18°32	8♓42	F 2
S 3	18 43 30	10°46'50	23°27	19°13	14°13	14°40	12°33	13° 3	27° 5	15°25	10°25	8°45	8°51	18°38	8°41	S 3
S 4	18 47 27	11°44'03	6♉55	18°40	15°27	14°28	12°46	13° 5	27° 6	15°27	10°26	8°44	8°48	18°45	8°40	S 4
M 5	18 51 23	12°41'15	20°52	18° 5	16°41	14°17	13° 0	13° 7	27° 8	15°28	10°27	8°40	8°45	18°52	8°39	M 5
T 6	18 55 20	13°38'28	5♊18	17°28	17°55	14° 7	13°13	13° 9	27° 9	15°29	10°29	8°34	8°42	18°59	8°38	T 6
W 7	18 59 17	14°35'41	20° 9	16°50	19° 8	13°58	13°27	13°11	27°11	15°31	10°30	8°25	8°39	19° 5	8°36	W 7
T 8	19 3 13	15°32'55	5♋19	16°11	20°22	13°49	13°40	13°13	27°13	15°32	10°31	8°15	8°36	19°12	8°35	T 8
F 9	19 7 10	16°30'09	20°38	15°32	21°36	13°42	13°54	13°15	27°15	15°33	10°33	8° 5	8°32	19°19	8°33	F 9
S 10	19 11 6	17°27'24	5♌54	14°55	22°50	13°35	14° 7	13°18	27°16	15°35	10°34	7°55	8°29	19°25	8°32	S 10
S 11	19 15 3	18°24'38	20°56	14°19	24° 4	13°29	14°21	13°20	27°18	15°36	10°36	7°47	8°26	19°32	8°30	S 11
M12	19 18 59	19°21'53	5♍36	13°45	25°18	13°23	14°34	13°23	27°20	15°37	10°37	7°41	8°23	19°39	8°29	M12
T 13	19 22 56	20°19'08	19°50	13°13	26°31	13°19	14°48	13°25	27°22	15°38	10°39	7°38	8°20	19°46	8°27	T 13
W14	19 26 52	21°16'22	3♎35	12°45	27°45	13°15	15° 1	13°28	27°24	15°40	10°40	7°D37	8°17	19°52	8°25	W14
T 15	19 30 49	22°13'37	16°54	12°21	28°59	13°13	15°14	13°31	27°26	15°41	10°42	7°R37	8°13	19°59	8°23	T 15
F 16	19 34 46	23°10'53	29°48	12° 2	0♌13	13°11	15°28	13°34	27°28	15°42	10°43	7°37	8°10	20° 6	8°22	F 16
S 17	19 38 42	24° 8'08	12♏23	11°47	1°27	13°10	15°41	13°37	27°30	15°43	10°45	7°36	8° 7	20°12	8°20	S 17
S 18	19 42 39	25° 5'24	24°43	11°37	2°41	13°D10	15°55	13°40	27°33	15°44	10°46	7°33	8° 4	20°19	8°18	S 18
M19	19 46 35	26° 2'40	6♐52	11°D33	3°55	13°11	16° 8	13°43	27°35	15°45	10°48	7°27	8° 1	20°26	8°16	M19
T 20	19 50 32	26°59'57	18°52	11°34	5° 8	13°12	16°21	13°46	27°37	15°46	10°49	7°18	7°57	20°33	8°14	T 20
W21	19 54 28	27°57'14	0♑48	11°41	6°22	13°15	16°35	13°49	27°39	15°47	10°51	7° 7	7°54	20°39	8°12	W21
T 22	19 58 25	28°54'31	12°41	11°54	7°36	13°18	16°48	13°53	27°42	15°48	10°53	6°55	7°51	20°46	8°10	T 22
F 23	20 2 21	29°51'50	24°34	12°13	8°50	13°22	17° 1	13°56	27°44	15°49	10°54	6°43	7°48	20°53	8° 8	F 23
S 24	20 6 18	0♌49'09	6♒27	12°37	10° 4	13°27	17°15	14° 0	27°47	15°50	10°56	6°31	7°45	21° 0	8° 6	S 24
S 25	20 10 15	1°46'28	18°23	13° 9	11°18	13°32	17°28	14° 4	27°49	15°51	10°58	6°21	7°42	21° 6	8° 4	S 25
M26	20 14 11	2°43'49	0♓22	13°46	12°32	13°39	17°41	14° 7	27°52	15°51	11° 0	6°13	7°38	21°13	8° 1	M26
T 27	20 18 8	3°41'10	12°27	14°29	13°46	13°46	17°54	14°11	27°54	15°52	11° 1	6° 8	7°35	21°20	7°59	T 27
W28	20 22 4	4°38'32	24°41	15°18	15° 0	13°54	18° 8	14°15	27°57	15°53	11° 3	6° 6	7°32	21°26	7°57	W28
T 29	20 26 1	5°35'56	7♈ 7	16°13	16°13	14° 3	18°21	14°19	27°59	15°54	11° 5	6°D 5	7°29	21°33	7°54	T 29
F 30	20 29 57	6°33'21	19°48	17°14	17°27	14°12	18°34	14°23	28° 2	15°54	11° 7	6° 6	7°26	21°40	7°52	F 30
S 31	20 33 54	7♌30'46	2♉49	18♋20	18♌41	14♐23	18♋47	14♎27	28♍ 5	15♉55	11♍ 9	6°R 6	7♎23	21♑47	7♓50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n11	0s 0	0n58	18n25	3s35	23n41	0n44	26s44	4s 7	23n 1	0n 6	2s49	2n32	1n51	0n44	14n47	1s45	20n40	14n 4	3s29	3s33	17s10	3s 2	5n41
F 2	23 7	4n 0	0s 9	18 15	3 48	23 37	0 46	26 44	4 9	23 0	0 6	2 49	2 32	1 50	0 44	14 48	1 45	20 39	14 4	3 29	3 32	17 10	3 2	5 41
S 3	23 2	7 56	1 17	18 7	4 1	23 31	0 48	26 44	4 10	22 59	0 6	2 50	2 31	1 50	0 44	14 48	1 45	20 38	14 4	3 29	3 31	17 9	3 2	5 42
S 4	22 57	11 35	2 23	18 0	4 12	23 25	0 50	26 44	4 11	22 58	0 6	2 51	2 31	1 49	0 44	14 49	1 45	20 37	14 3	3 28	3 30	17 8	3 3	5 42
M 5	22 52	14 44	3 23	17 55	4 23	23 18	0 52	26 43	4 12	22 57	0 6	2 52	2 31	1 49	0 44	14 49	1 45	20 36	14 3	3 27	3 28	17 8	3 3	5 42
T 6	22 46	17 5	4 12	17 51	4 32	23 10	0 54	26 43	4 14	22 55	0 6	2 53	2 31	1 48	0 44	14 49	1 45	20 36	14 3	3 24	3 27	17 7	3 3	5 42
W 7	22 40	18 21	4 46	17 48	4 39	23 2	0 56	26 43	4 14	22 54	0 7	2 54	2 30	1 47	0 43	14 50	1 45	20 35	14 2	3 21	3 26	17 6	3 3	5 43
T 8	22 34	18 22	5 0	17 46	4 45	22 53	0 58	26 43	4 15	22 53	0 7	2 55	2 30	1 46	0 43	14 50	1 46	20 34	14 2	3 17	3 25	17 5	3 4	5 43
F 9	22 27	17 3	4 54	17 46	4 49	22 43	1 0	26 43	4 16	22 52	0 7	2 56	2 30	1 46	0 43	14 50	1 46	20 33	14 2	3 12	3 23	17 4	3 4	5 43
S 10	22 20	14 31	4 26	17 48	4 52	22 33	1 1	26 42	4 17	22 50	0 7	2 57	2 30	1 45	0 43	14 51	1 46	20 32	14 2	3 9	3 22	17 4	3 4	5 43
S 11	22 12	11 3	3 40	17 51	4 53	22 22	1 3	26 42	4 17	22 49	0 7	2 59	2 29	1 44	0 43	14 51	1 46	20 32	14 1	3 5	3 21	17 3	3 5	5 44
M12	22 4	6 59	2 41	17 55	4 53	22 10	1 5	26 42	4 18	22 48	0 7	3 0	2 29	1 43	0 43	14 51	1 46	20 31	14 1	3 3	3 20	17 2	3 5	5 44
T 13	21 56	2 37	1 33	18 0	4 50	21 58	1 6	26 42	4 18	22 46	0 7	3 1	2 29	1 43	0 43	14 51	1 46	20 30	14 1	3 2	3 18	17 1	3 6	5 44
W14	21 47	1s45	0 21	18 6	4 47	21 45	1 8	26 42	4 19	22 45	0 7	3 2	2 29	1 42	0 43	14 52	1 46	20 29	14 0	3 2	3 17	17 1	3 6	5 44
T 15	21 38	5 54	0n49	18 14	4 41	21 31	1 9	26 42	4 19	22 43	0 7	3 4	2 28	1 41	0 43	14 52	1 46	20 28	14 0	3 2	3 16	17 0	3 7	5 44
F 16	21 29	9 38	1 55	18 22	4 35	21 17	1 11	26 42	4 19	22 42	0 7	3 5	2 28	1 40	0 43	14 52	1 46	20 27	14 0	3 2	3 15	16 59	3 7	5 45
S 17	21 19	12 50	2 53	18 32	4 26	21 2	1 12	26 42	4 19	22 40	0 8	3 6	2 28	1 39	0 43	14 53	1 46	20 27	14 0	3 1	3 13	16 58	3 7	5 45
S 18	21 9	15 23	3 42	18 42	4 17	20 47	1 13	26 42	4 19	22 39	0 8	3 8	2 28	1 38	0 43	14 53	1 46	20 26	13 59	3 0	3 12	16 58	3 8	5 45
M19	20 58	17 12	4 20	18 53	4 7	20 31	1 15	26 42	4 19	22 37	0 8	3 9	2 27	1 37	0 43	14 53	1 46	20 25	13 59	2 57	3 11	16 57	3 9	5 45
T 20	20 47	18 15	4 47	19 4	3 55	20 14	1 16	26 42	4 19	22 36	0 8	3 11	2 27	1 36	0 43	14 53	1 46	20 24	13 59	2 54	3 10	16 56	3 9	5 45
W21	20 36	18 28	5 0	19 16	3 43	19 57	1 17	26 42	4 19	22 34	0 8	3 12	2 27	1 35	0 43	14 54	1 46	20 23	13 59	2 50	3 8	16 55	3 10	5 45
T 22	20 24	17 53	5 0	19 28	3 30	19 39	1 18	26 42	4 18	22 33	0 8	3 14	2 27	1 34	0 43	14 54	1 46	20 22	13 59	2 45	3 7	16 54	3 10	5 46
F 23	20 12	16 31	4 48	19 40	3 16	19 21	1 19	26 42	4 18	22 31	0 8	3 15	2 26	1 33	0 43	14 54	1 46	20 22	13 58	2 40	3 6	16 54	3 11	5 46
S 24	20 0	14 27	4 22	19 52	3 2	19 2	1 20	26 42	4 18	22 30	0 8	3 17	2 26	1 32	0 43	14 54	1 46	20 21	13 58	2 36	3 5	16 53	3 12	5 46
S 25	19 48	11 46	3 45	20 3	2 47	18 43	1 21	26 43	4 17	22 28	0 8	3 19	2 26	1 31	0 43	14 54	1 46	20 20	13 58	2 32	3 3	16 52	3 12	5 46
M26	19 35	8 35	2 58	20 15	2 32	18 23	1 22	26 43	4 17	22 26	0 8	3 20	2 26	1 30	0 43	14 55	1 47	20 19	13 58	2 29	3 2	16 51	3 13	5 46
T 27	19 21	5 0	2 3	20 25	2 16	18 3	1 23	26 43	4 16	22 25	0 9	3 22	2 26	1 29	0 43	14 55	1 47	20 18	13 57	2 26	3 1	16 50	3 14	5 46
W28	19 8	1 11	1 1	20 35	2 1	17 42	1 24	26 44	4 16	22 23	0 9	3 24	2 25	1 28	0 43	14 55	1 47	20 17	13 57	2 25	3 0	16 50	3 14	5 47
T 29	18 54	2n45	0s 6	20 44	1 46	17 20	1 24	26 44	4 15	22 22	0 9	3 25	2 25	1 27	0 43	14 55	1 47	20 16	13 57	2 25	2 58	16 49	3 15	5 47
F 30	18 40	6 38	1 13	20 52	1 30	16 58	1 25	26 45	4 14	22 20	0 9	3 27	2 25	1 26	0 43	14 55	1 47	20 15	13 57	2 25	2 57	16 48	3 16	5 47
S 31	18n25	10n18	2s18	20n59	1s15	16n36	1n26	26s45	4s14	22n18	0n 9	3s29	2n25	1n25	0n43	14n55	1s47	20n15	13n57	2s26	2s56	16s47	3s17	5n47

Julian Day Number = 2348362.5, Delta T = 10.58 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'48, Lahiri = 19°54'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

AUGUST 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 50	8♌28'14	16♉12	19♋32	19♌55	14♐34	19♋ 0	14♎31	28♍ 7	15♉56	11♍10	6°R 6	7♎19	21♏53	7°R47	S 1
M 2	20 41 47	9°25'42	0♊ 1	20°49	21° 9	14°45	19°13	14°36	28°10	15°56	11°12	6♎ 4	7°16	22° 0	7♓45	M 2
T 3	20 45 44	10°23'12	14°17	22°12	22°23	14°58	19°26	14°40	28°13	15°57	11°14	6° 0	7°13	22° 7	7°42	T 3
W 4	20 49 40	11°20'43	28°56	23°39	23°37	15°11	19°39	14°45	28°16	15°57	11°16	5°54	7°10	22°13	7°40	W 4
T 5	20 53 37	12°18'16	13♋56	25°11	24°51	15°25	19°52	14°49	28°19	15°58	11°18	5°47	7° 7	22°20	7°37	T 5
F 6	20 57 33	13°15'49	29° 6	26°48	26° 5	15°39	20° 5	14°54	28°22	15°58	11°20	5°39	7° 3	22°27	7°35	F 6
S 7	21 1 30	14°13'24	14♌18	28°28	27°19	15°55	20°18	14°58	28°25	15°59	11°22	5°32	7° 0	22°34	7°32	S 7
S 8	21 5 26	15°11'00	29°21	0♌13	28°33	16°11	20°31	15° 3	28°27	15°59	11°24	5°26	6°57	22°40	7°29	S 8
M 9	21 9 23	16° 8'38	14♍ 5	2° 0	29°47	16°27	20°44	15° 8	28°30	15°59	11°26	5°22	6°54	22°47	7°27	M 9
T 10	21 13 19	17° 6'16	28°24	3°51	1♍ 1	16°44	20°56	15°13	28°34	16° 0	11°28	5°20	6°51	22°54	7°24	T 10
W11	21 17 16	18° 3'55	12♎17	5°44	2°15	17° 2	21° 9	15°18	28°37	16° 0	11°30	5°D20	6°48	23° 0	7°21	W11
T 12	21 21 13	19° 1'35	25°41	7°39	3°29	17°21	21°22	15°23	28°40	16° 0	11°32	5°21	6°44	23° 7	7°19	T 12
F 13	21 25 9	19°59'16	8♏40	9°37	4°43	17°40	21°34	15°28	28°43	16° 1	11°34	5°22	6°41	23°14	7°16	F 13
S 14	21 29 6	20°56'59	21°17	11°35	5°57	17°59	21°47	15°33	28°46	16° 1	11°36	5°R23	6°38	23°21	7°13	S 14
S 15	21 33 2	21°54'42	3♐37	13°35	7°10	18°20	21°59	15°38	28°49	16° 1	11°38	5°22	6°35	23°27	7°10	S 15
M16	21 36 59	22°52'27	15°44	15°35	8°24	18°41	22°12	15°43	28°52	16° 1	11°40	5°20	6°32	23°34	7° 7	M16
T 17	21 40 55	23°50'12	27°42	17°36	9°38	19° 2	22°24	15°49	28°56	16° 1	11°42	5°15	6°29	23°41	7° 5	T 17
W18	21 44 52	24°47'59	9♑36	19°37	10°52	19°24	22°37	15°54	28°59	16° 1	11°44	5° 9	6°25	23°47	7° 2	W18
T 19	21 48 48	25°45'47	21°28	21°37	12° 6	19°46	22°49	16° 0	29° 2	16°R 1	11°46	5° 3	6°22	23°54	6°59	T 19
F 20	21 52 45	26°43'37	3♒21	23°38	13°20	20° 9	23° 1	16° 5	29° 6	16° 1	11°48	4°55	6°19	24° 1	6°56	F 20
S 21	21 56 42	27°41'28	15°18	25°37	14°34	20°33	23°13	16°11	29° 9	16° 1	11°50	4°49	6°16	24° 8	6°53	S 21
S 22	22 0 38	28°39'20	27°20	27°36	15°48	20°57	23°25	16°16	29°12	16° 1	11°52	4°43	6°13	24°14	6°50	S 22
M23	22 4 35	29°37'14	9♓29	29°35	17° 2	21°21	23°38	16°22	29°16	16° 1	11°54	4°39	6° 9	24°21	6°47	M23
T 24	22 8 31	0♍35'09	21°46	1♍32	18°16	21°46	23°50	16°28	29°19	16° 1	11°56	4°36	6° 6	24°28	6°44	T 24
W25	22 12 28	1°33'06	4♈13	3°28	19°30	22°11	24° 2	16°34	29°22	16° 1	11°59	4°D36	6° 3	24°35	6°41	W25
T 26	22 16 24	2°31'05	16°51	5°23	20°44	22°37	24°13	16°40	29°26	16° 1	12° 1	4°36	6° 0	24°41	6°39	T 26
F 27	22 20 21	3°29'05	29°44	7°17	21°57	23° 3	24°25	16°46	29°29	16° 0	12° 3	4°38	5°57	24°48	6°36	F 27
S 28	22 24 17	4°27'08	12♉51	9°10	23°11	23°30	24°37	16°51	29°33	16° 0	12° 5	4°39	5°54	24°55	6°33	S 28
S 29	22 28 14	5°25'12	26°17	11° 2	24°25	23°57	24°49	16°58	29°36	16° 0	12° 7	4°40	5°50	25° 1	6°30	S 29
M30	22 32 11	6°23'19	10♊ 2	12°52	25°39	24°25	25° 0	17° 4	29°40	15°59	12° 9	4°R41	5°47	25° 8	6°27	M30
T 31	22 36 7	7♍21'27	24♊ 7	14♍41	26♍53	24♐53	25♋12	17♎10	29♍44	15♉59	12♍11	4♎40	5♎44	25♏15	6♓24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n10	13n33	3s18	21n 4	1s 0	16n13	1n26	26s46	4s13	22n16	0n 9	3s31	2n24	1n24	0n43	14n55	1s47	20n14	13n57	2s26	2s55	16s46	3s17	5n47
M 2	17 55	16 9	4 8	21 7	0 45	15 50	1 26	26 46	4 12	22 15	0 9	3 33	2 24	1 23	0 43	14 56	1 47	20 13	13 56	2 25	2 53	16 46	3 18	5 47
T 3	17 40	17 50	4 45	21 8	0 30	15 26	1 27	26 47	4 11	22 13	0 9	3 34	2 24	1 22	0 43	14 56	1 47	20 12	13 56	2 23	2 52	16 45	3 19	5 47
W 4	17 24	18 24	5 4	21 8	0 16	15 2	1 27	26 48	4 10	22 11	0 9	3 36	2 24	1 20	0 42	14 56	1 47	20 11	13 56	2 21	2 51	16 44	3 20	5 47
T 5	17 8	17 43	5 3	21 5	0 3	14 38	1 27	26 48	4 9	22 9	0 9	3 38	2 24	1 19	0 42	14 56	1 47	20 10	13 56	2 18	2 50	16 43	3 21	5 47
F 6	16 52	15 47	4 41	20 59	0n10	14 13	1 28	26 49	4 9	22 8	0 10	3 40	2 23	1 18	0 42	14 56	1 47	20 9	13 56	2 15	2 48	16 42	3 22	5 48
S 7	16 35	12 45	3 59	20 51	0 22	13 48	1 28	26 50	4 8	22 6	0 10	3 42	2 23	1 17	0 42	14 56	1 47	20 8	13 56	2 12	2 47	16 41	3 22	5 48
S 8	16 18	8 53	3 1	20 41	0 33	13 22	1 28	26 50	4 7	22 4	0 10	3 44	2 23	1 16	0 42	14 56	1 47	20 8	13 56	2 10	2 46	16 41	3 23	5 48
M 9	16 1	4 33	1 52	20 28	0 44	12 56	1 28	26 51	4 6	22 2	0 10	3 46	2 23	1 15	0 42	14 56	1 47	20 7	13 55	2 8	2 45	16 40	3 24	5 48
T 10	15 44	0 4	0 37	20 12	0 54	12 30	1 28	26 52	4 4	22 0	0 10	3 48	2 23	1 13	0 42	14 56	1 47	20 6	13 55	2 7	2 43	16 39	3 25	5 48
W11	15 26	4s17	0n37	19 53	1 3	12 3	1 27	26 53	4 3	21 58	0 10	3 50	2 22	1 12	0 42	14 56	1 47	20 5	13 55	2 7	2 42	16 38	3 26	5 48
T 12	15 8	8 16	1 48	19 32	1 11	11 36	1 27	26 53	4 2	21 57	0 10	3 53	2 22	1 11	0 42	14 56	1 48	20 4	13 55	2 8	2 41	16 37	3 27	5 48
F 13	14 50	11 43	2 50	19 8	1 19	11 9	1 27	26 54	4 1	21 55	0 10	3 55	2 22	1 9	0 42	14 56	1 48	20 3	13 55	2 8	2 40	16 36	3 28	5 48
S 14	14 32	14 31	3 43	18 42	1 25	10 41	1 27	26 55	4 0	21 53	0 10	3 57	2 22	1 8	0 42	14 56	1 48	20 2	13 55	2 9	2 38	16 36	3 29	5 48
S 15	14 13	16 36	4 23	18 13	1 31	10 13	1 26	26 55	3 59	21 51	0 11	3 59	2 22	1 7	0 42	14 56	1 48	20 1	13 55	2 8	2 37	16 35	3 30	5 48
M16	13 55	17 52	4 52	17 42	1 35	9 45	1 26	26 56	3 58	21 49	0 11	4 1	2 22	1 6	0 42	14 56	1 48	20 1	13 55	2 7	2 36	16 34	3 31	5 48
T 17	13 36	18 21	5 7	17 9	1 39	9 17	1 25	26 57	3 56	21 47	0 11	4 3	2 21	1 4	0 42	14 56	1 48	20 0	13 55	2 5	2 34	16 33	3 32	5 48
W18	13 16	18 0	5 8	16 34	1 42	8 48	1 24	26 57	3 55	21 45	0 11	4 6	2 21	1 3	0 42	14 56	1 48	19 59	13 55	2 3	2 33	16 32	3 33	5 48
T 19	12 57	16 52	4 57	15 58	1 44	8 19	1 24	26 58	3 54	21 43	0 11	4 8	2 21	1 2	0 42	14 56	1 48	19 58	13 55	2 0	2 32	16 31	3 34	5 48
F 20	12 37	15 1	4 33	15 19	1 45	7 50	1 23	26 58	3 53	21 41	0 11	4 10	2 21	1 0	0 42	14 56	1 48	19 57	13 54	1 58	2 31	16 30	3 35	5 48
S 21	12 18	12 30	3 56	14 40	1 46	7 21	1 22	26 59	3 51	21 39	0 11	4 12	2 21	0 59	0 42	14 56	1 48	19 56	13 54	1 55	2 29	16 29	3 36	5 48
S 22	11 58	9 27	3 9	13 59	1 46	6 51	1 21	26 59	3 50	21 37	0 11	4 15	2 21	0 58	0 42	14 56	1 48	19 55	13 54	1 53	2 28	16 29	3 37	5 48
M23	11 37	5 59	2 13	13 17	1 45	6 22	1 20	27 0	3 49	21 35	0 11	4 17	2 20	0 56	0 42	14 56	1 48	19 55	13 54	1 51	2 27	16 28	3 38	5 48
T 24	11 17	2 12	1 10	12 34	1 44	5 52	1 19	27 0	3 47	21 34	0 12	4 19	2 20	0 55	0 42	14 56	1 48	19 54	13 54	1 50	2 26	16 27	3 39	5 48
W25	10 56	1n43	0 2	11 50	1 42	5 22	1 18	27 0	3 46	21 32	0 12	4 22	2 20	0 53	0 42	14 56	1 48	19 53	13 54	1 50	2 24	16 26	3 40	5 48
T 26	10 36	5 36	1s 7	11 6	1 40	4 52	1 17	27 0	3 45	21 30	0 12	4 24	2 20	0 52	0 42	14 55	1 48	19 52	13 54	1 50	2 23	16 25	3 42	5 48
F 27	10 15	9 19	2 13	10 21	1 37	4 21	1 16	27 1	3 43	21 28	0 12	4 27	2 20	0 51	0 42	14 55	1 48	19 51	13 54	1 50	2 22	16 24	3 43	5 48
S 28	9 53	12 38	3 14	9 35	1 33	3 51	1 14	27 1	3 42	21 26	0 12	4 29	2 20	0 49	0 42	14 55	1 48	19 50	13 54	1 51	2 21	16 23	3 44	5 48
S 29	9 32	15 21	4 6	8 49	1 30	3 20	1 13	27 1	3 41	21 24	0 12	4 31	2 19	0 48	0 42	14 55	1 49	19 49	13 54	1 52	2 19	16 22	3 45	5 48
M30	9 11	17 17	4 45	8 3	1 25	2 50	1 12	27 0	3 39	21 22	0 12	4 34	2 19	0 46	0 42	14 55	1 49	19 49	13 54	1 52	2 18	16 22	3 46	5 48
T 31	8n49	18n12	5s 9	7n17	1n21	2n19	1n10	27s 0	3s38	21n20	0n12	4s36	2n19	0n45	0n42	14n55	1s49	19n48	13n54	1s51	2s17	16s21	3s47	5n48

Julian Day Number = 2348393.5, Delta T = 10.57 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'52, Lahiri = 19°54'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

SEPTEMBER 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 4	8♍19'38	8♋31	16♍29	28♍ 7	25♐21	25♋23	17♎16	29♍47	15°R59	12♍13	4°R38	5♎41	25♑22	6°R21	W 1
T 2	22 44 0	9°17'51	23°11	18°16	29°21	25°50	25°35	17°22	29°51	15♉58	12°16	4♎35	5°38	25°28	6♓18	T 2
F 3	22 47 57	10°16'05	8♌ 0	20° 2	0♎35	26°19	25°46	17°28	29°54	15°58	12°18	4°31	5°34	25°35	6°15	F 3
S 4	22 51 53	11°14'22	22°53	21°46	1°49	26°49	25°57	17°35	29°58	15°57	12°20	4°28	5°31	25°42	6°12	S 4
S 5	22 55 50	12°12'40	7♍40	23°29	3° 2	27°19	26° 9	17°41	0♎ 2	15°57	12°22	4°26	5°28	25°48	6° 9	S 5
M 6	22 59 46	13°11'00	22°15	25°11	4°16	27°49	26°20	17°48	0° 5	15°56	12°24	4°24	5°25	25°55	6° 6	M 6
T 7	23 3 43	14° 9'22	6♎31	26°52	5°30	28°19	26°31	17°54	0° 9	15°56	12°26	4°D24	5°22	26° 2	6° 3	T 7
W 8	23 7 40	15° 7'45	20°23	28°32	6°44	28°50	26°42	18° 0	0°13	15°55	12°28	4°24	5°19	26° 9	6° 0	W 8
T 9	23 11 36	16° 6'11	3♏51	0♎11	7°58	29°22	26°52	18° 7	0°16	15°54	12°31	4°26	5°15	26°15	5°58	T 9
F 10	23 15 33	17° 4'38	16°54	1°49	9°12	29°53	27° 3	18°14	0°20	15°54	12°33	4°27	5°12	26°22	5°55	F 10
S 11	23 19 29	18° 3'06	29°35	3°25	10°26	0♑25	27°14	18°20	0°24	15°53	12°35	4°28	5° 9	26°29	5°52	S 11
S 12	23 23 26	19° 1'37	11♐58	5° 1	11°39	0°58	27°24	18°27	0°27	15°52	12°37	4°29	5° 6	26°35	5°49	S 12
M13	23 27 22	20° 0'09	24° 6	6°35	12°53	1°30	27°35	18°33	0°31	15°52	12°39	4°R29	5° 3	26°42	5°46	M13
T 14	23 31 19	20°58'42	6♑ 5	8° 9	14° 7	2° 3	27°45	18°40	0°35	15°51	12°41	4°28	5° 0	26°49	5°43	T 14
W15	23 35 15	21°57'18	17°58	9°41	15°21	2°37	27°56	18°47	0°39	15°50	12°43	4°27	4°56	26°55	5°41	W15
T 16	23 39 12	22°55'55	29°51	11°12	16°35	3°10	28° 6	18°54	0°42	15°49	12°45	4°26	4°53	27° 2	5°38	T 16
F 17	23 43 8	23°54'33	11♒46	12°43	17°48	3°44	28°16	19° 1	0°46	15°48	12°48	4°24	4°50	27° 9	5°35	F 17
S 18	23 47 5	24°53'14	23°47	14°12	19° 2	4°18	28°26	19° 7	0°50	15°47	12°50	4°23	4°47	27°16	5°32	S 18
S 19	23 51 2	25°51'56	5♓57	15°40	20°16	4°52	28°36	19°14	0°54	15°46	12°52	4°22	4°44	27°22	5°30	S 19
M20	23 54 58	26°50'40	18°18	17° 7	21°30	5°27	28°46	19°21	0°57	15°45	12°54	4°21	4°40	27°29	5°27	M20
T 21	23 58 55	27°49'26	0♈51	18°33	22°43	6° 2	28°55	19°28	1° 1	15°44	12°56	4°D21	4°37	27°36	5°24	T 21
W22	0 2 51	28°48'14	13°36	19°58	23°57	6°37	29° 5	19°35	1° 5	15°43	12°58	4°21	4°34	27°42	5°22	W22
T 23	0 6 48	29°47'05	26°35	21°22	25°11	7°12	29°14	19°42	1° 9	15°42	13° 0	4°21	4°31	27°49	5°19	T 23
F 24	0 10 44	0♎45'57	9♉48	22°45	26°24	7°48	29°24	19°49	1°13	15°41	13° 2	4°21	4°28	27°56	5°17	F 24
S 25	0 14 41	1°44'52	23°14	24° 7	27°38	8°23	29°33	19°56	1°16	15°40	13° 4	4°22	4°25	28° 3	5°14	S 25
S 26	0 18 37	2°43'49	6♊52	25°28	28°52	8°59	29°42	20° 3	1°20	15°39	13° 6	4°22	4°21	28° 9	5°12	S 26
M27	0 22 34	3°42'48	20°44	26°47	0♏ 5	9°36	29°51	20°10	1°24	15°38	13° 8	4°22	4°18	28°16	5° 9	M27
T 28	0 26 31	4°41'50	4♋46	28° 5	1°19	10°12	0♌ 0	20°17	1°28	15°37	13°10	4°22	4°15	28°23	5° 7	T 28
W29	0 30 27	5°40'54	18°59	29°22	2°33	10°49	0° 9	20°25	1°32	15°36	13°12	4°22	4°12	28°29	5° 4	W29
T 30	0 34 24	6♎40'00	3♌19	0♏37	3♏46	11♑26	0♌18	20♎32	1♎35	15♉34	13♍14	4♎22	4♎ 9	28♑36	5♓ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n28	18n 0	5s13	6n30	1n16	1n48	1n 9	27s 0	3s36	21n18	0n12	4s39	2n19	0n44	0n42	14n55	1s49	19n47	13n54	1s50	2s16	16s20	3s48	5n48
T 2	8 6	16 35	4 58	5 44	1 10	1 17	1 7	26 59	3 35	21 16	0 13	4 41	2 19	0 42	0 42	14 54	1 49	19 46	13 54	1 49	2 14	16 19	3 49	5 48
F 3	7 44	14 4	4 22	4 57	1 5	0 46	1 5	26 59	3 34	21 14	0 13	4 44	2 19	0 41	0 42	14 54	1 49	19 45	13 54	1 48	2 13	16 18	3 51	5 48
S 4	7 22	10 37	3 29	4 10	0 59	0 15	1 4	26 58	3 32	21 12	0 13	4 46	2 19	0 39	0 42	14 54	1 49	19 45	13 54	1 47	2 12	16 17	3 52	5 48
S 5	6 59	6 30	2 22	3 24	0 53	0s16	1 2	26 57	3 31	21 10	0 13	4 49	2 19	0 38	0 42	14 54	1 49	19 44	13 55	1 46	2 11	16 16	3 53	5 47
M 6	6 37	2 4	1 6	2 38	0 47	0 47	1 0	26 57	3 29	21 8	0 13	4 51	2 18	0 36	0 42	14 54	1 49	19 43	13 55	1 45	2 9	16 15	3 54	5 47
T 7	6 15	2s25	0n12	1 52	0 40	1 18	0 58	26 56	3 28	21 6	0 13	4 54	2 18	0 35	0 42	14 53	1 49	19 42	13 55	1 45	2 8	16 14	3 55	5 47
W 8	5 52	6 38	1 27	1 6	0 33	1 49	0 56	26 54	3 26	21 4	0 13	4 57	2 18	0 33	0 42	14 53	1 49	19 42	13 55	1 45	2 7	16 13	3 56	5 47
T 9	5 29	10 23	2 35	0 20	0 27	2 20	0 54	26 53	3 25	21 2	0 13	4 59	2 18	0 32	0 42	14 53	1 49	19 41	13 55	1 46	2 5	16 13	3 57	5 47
F 10	5 7	13 30	3 34	0s25	0 20	2 51	0 52	26 52	3 23	21 0	0 14	5 2	2 18	0 30	0 42	14 53	1 49	19 40	13 55	1 46	2 4	16 12	3 59	5 47
S 11	4 44	15 52	4 20	1 10	0 12	3 22	0 50	26 50	3 22	20 58	0 14	5 4	2 18	0 29	0 42	14 52	1 49	19 39	13 55	1 47	2 3	16 11	4 0	5 47
S 12	4 21	17 26	4 52	1 55	0 5	3 53	0 48	26 49	3 20	20 56	0 14	5 7	2 18	0 27	0 42	14 52	1 49	19 39	13 55	1 47	2 2	16 10	4 1	5 47
M13	3 58	18 10	5 11	2 39	0s 2	4 24	0 46	26 47	3 19	20 54	0 14	5 10	2 18	0 26	0 42	14 52	1 49	19 38	13 55	1 47	2 0	16 9	4 2	5 46
T 14	3 35	18 4	5 16	3 23	0 10	4 54	0 44	26 45	3 17	20 52	0 14	5 12	2 18	0 24	0 42	14 52	1 49	19 37	13 55	1 47	1 59	16 8	4 3	5 46
W15	3 12	17 11	5 8	4 6	0 17	5 25	0 41	26 43	3 16	20 50	0 14	5 15	2 17	0 23	0 42	14 51	1 49	19 36	13 55	1 46	1 58	16 7	4 4	5 46
T 16	2 49	15 33	4 46	4 49	0 25	5 55	0 39	26 40	3 14	20 48	0 14	5 18	2 17	0 21	0 42	14 51	1 49	19 36	13 56	1 46	1 57	16 6	4 6	5 46
F 17	2 25	13 15	4 12	5 31	0 32	6 26	0 37	26 38	3 13	20 47	0 15	5 20	2 17	0 20	0 42	14 51	1 50	19 35	13 56	1 45	1 55	16 5	4 7	5 46
S 18	2 2	10 22	3 26	6 13	0 40	6 56	0 34	26 35	3 11	20 45	0 15	5 23	2 17	0 18	0 42	14 50	1 50	19 34	13 56	1 45	1 54	16 4	4 8	5 46
S 19	1 39	7 0	2 31	6 54	0 47	7 26	0 32	26 33	3 10	20 43	0 15	5 26	2 17	0 17	0 42	14 50	1 50	19 34	13 56	1 44	1 53	16 3	4 9	5 45
M20	1 15	3 17	1 28	7 35	0 55	7 56	0 29	26 30	3 8	20 41	0 15	5 28	2 17	0 15	0 42	14 50	1 50	19 33	13 56	1 44	1 52	16 2	4 10	5 45
T 21	0 52	0n38	0 19	8 15	1 3	8 26	0 27	26 27	3 7	20 39	0 15	5 31	2 17	0 14	0 42	14 49	1 50	19 32	13 56	1 44	1 50	16 1	4 11	5 45
W22	0 29	4 35	0s51	8 54	1 10	8 56	0 24	26 23	3 5	20 37	0 15	5 34	2 17	0 12	0 42	14 49	1 50	19 32	13 56	1 44	1 49	16 0	4 12	5 45
T 23	0 5	8 24	2 0	9 33	1 18	9 25	0 22	26 20	3 4	20 35	0 15	5 36	2 17	0 11	0 42	14 49	1 50	19 31	13 57	1 44	1 48	15 59	4 14	5 45
F 24	0s18	11 51	3 4	10 11	1 25	9 54	0 19	26 16	3 2	20 34	0 16	5 39	2 17	0 9	0 42	14 48	1 50	19 30	13 57	1 44	1 47	15 59	4 15	5 44
S 25	0 42	14 45	3 59	10 48	1 33	10 24	0 16	26 13	3 1	20 32	0 16	5 42	2 17	0 8	0 42	14 48	1 50	19 30	13 57	1 44	1 45	15 58	4 16	5 44
S 26	1 5	16 52	4 42	11 24	1 40	10 52	0 14	26 9	2 59	20 30	0 16	5 44	2 17	0 6	0 42	14 48	1 50	19 29	13 57	1 44	1 44	15 57	4 17	5 44
M27	1 29	18 1	5 8	12 0	1 47	11 21	0 11	26 5	2 58	20 28	0 16	5 47	2 17	0 5	0 42	14 47	1 50	19 28	13 57	1 44	1 43	15 56	4 18	5 44
T 28	1 52	18 6	5 17	12 35	1 54	11 49	0 8	26 0	2 56	20 26	0 16	5 50	2 17	0 3	0 42	14 47	1 50	19 28	13 58	1 44	1 42	15 55	4 19	5 43
W29	2 16	17 4	5 7	13 9	2 1	12 17	0 5	25 56	2 54	20 25	0 16	5 53	2 16	0 2	0 42	14 47	1 50	19 27	13 58	1 44	1 40	15 54	4 20	5 43
T 30	2s39	14n56	4s38	13s42	2s 8	12s45	0n 3	25s51	2s53	20n23	0n16	5s55	2n16	0n 0	0n42	14n46	1s50	19n27	13n58	1s44	1s39	15s53	4s21	5n43

Julian Day Number = 2348424.5, Delta T = 10.57 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°47'56, Lahiri = 19°54'57Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1717
geocentric

OCTOBER 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 20	7♎39'08	17♌44	1♏50	5♏ 0	12♉ 3	0♌26	20♎39	1♎39	15°R33	13♍16	4♎23	4♎ 5	28♉43	4°R59	F 1
S 2	0 42 17	8°38'19	2♍ 9	3° 3	6°13	12°40	0°35	20°46	1°43	15♉32	13°18	4°23	4° 2	28°50	4♓57	S 2
S 3	0 46 13	9°37'32	16°30	4°13	7°27	13°18	0°43	20°53	1°47	15°31	13°20	4°23	3°59	28°56	4°55	S 3
M 4	0 50 10	10°36'48	0♎42	5°22	8°41	13°55	0°51	21° 0	1°50	15°29	13°22	4°R23	3°56	29° 3	4°53	M 4
T 5	0 54 6	11°36'05	14°41	6°28	9°54	14°33	0°59	21° 8	1°54	15°28	13°24	4°23	3°53	29°10	4°50	T 5
W 6	0 58 3	12°35'25	28°23	7°33	11° 8	15°11	1° 7	21°15	1°58	15°27	13°26	4°23	3°50	29°16	4°48	W 6
T 7	1 1 59	13°34'46	11♏45	8°35	12°21	15°50	1°15	21°22	2° 2	15°25	13°28	4°22	3°46	29°23	4°46	T 7
F 8	1 5 56	14°34'09	24°47	9°34	13°35	16°28	1°23	21°29	2° 5	15°24	13°30	4°21	3°43	29°30	4°44	F 8
S 9	1 9 53	15°33'35	7♐30	10°31	14°48	17° 7	1°30	21°37	2° 9	15°22	13°32	4°19	3°40	29°37	4°42	S 9
S 10	1 13 49	16°33'02	19°54	11°25	16° 2	17°45	1°38	21°44	2°13	15°21	13°34	4°18	3°37	29°43	4°40	S 10
M11	1 17 46	17°32'31	2♑ 4	12°15	17°15	18°24	1°45	21°51	2°16	15°20	13°36	4°17	3°34	29°50	4°38	M11
T 12	1 21 42	18°32'02	14° 4	13° 2	18°29	19° 4	1°52	21°58	2°20	15°18	13°37	4°D16	3°31	29°57	4°36	T 12
W13	1 25 39	19°31'34	25°57	13°45	19°42	19°43	1°59	22° 6	2°24	15°17	13°39	4°16	3°27	0♒ 3	4°34	W13
T 14	1 29 35	20°31'08	7♒49	14°23	20°56	20°22	2° 6	22°13	2°27	15°15	13°41	4°17	3°24	0°10	4°33	T 14
F 15	1 33 32	21°30'44	19°45	14°57	22° 9	21° 2	2°12	22°20	2°31	15°14	13°43	4°18	3°21	0°17	4°31	F 15
S 16	1 37 28	22°30'22	1♓49	15°25	23°23	21°41	2°19	22°28	2°35	15°12	13°45	4°20	3°18	0°23	4°29	S 16
S 17	1 41 25	23°30'02	14° 4	15°47	24°36	22°21	2°25	22°35	2°38	15°11	13°46	4°21	3°15	0°30	4°28	S 17
M18	1 45 22	24°29'43	26°34	16° 2	25°49	23° 1	2°31	22°42	2°42	15° 9	13°48	4°22	3°11	0°37	4°26	M18
T 19	1 49 18	25°29'26	9♈22	16°11	27° 3	23°41	2°37	22°49	2°45	15° 7	13°50	4°R22	3° 8	0°44	4°24	T 19
W20	1 53 15	26°29'11	22°27	16°R12	28°16	24°22	2°43	22°57	2°49	15° 6	13°51	4°21	3° 5	0°50	4°23	W20
T 21	1 57 11	27°28'59	5♉51	16° 5	29°29	25° 2	2°49	23° 4	2°53	15° 4	13°53	4°19	3° 2	0°57	4°22	T 21
F 22	2 1 8	28°28'48	19°30	15°49	0♐42	25°42	2°55	23°11	2°56	15° 3	13°55	4°16	2°59	1° 4	4°20	F 22
S 23	2 5 4	29°28'39	3♊23	15°24	1°56	26°23	3° 0	23°19	3° 0	15° 1	13°56	4°12	2°56	1°10	4°19	S 23
S 24	2 9 1	0♏28'33	17°26	14°50	3° 9	27° 4	3° 5	23°26	3° 3	14°59	13°58	4° 8	2°52	1°17	4°18	S 24
M25	2 12 57	1°28'28	1♋35	14° 7	4°22	27°45	3°10	23°33	3° 7	14°58	14° 0	4° 5	2°49	1°24	4°16	M25
T 26	2 16 54	2°28'26	15°47	13°15	5°35	28°26	3°15	23°40	3°10	14°56	14° 1	4° 3	2°46	1°31	4°15	T 26
W27	2 20 51	3°28'26	29°59	12°15	6°49	29° 7	3°20	23°48	3°13	14°55	14° 3	4°D 2	2°43	1°37	4°14	W27
T 28	2 24 47	4°28'28	14♌ 9	11° 8	8° 2	29°48	3°24	23°55	3°17	14°53	14° 4	4° 2	2°40	1°44	4°13	T 28
F 29	2 28 44	5°28'33	28°14	9°55	9°15	0♒29	3°29	24° 2	3°20	14°51	14° 6	4° 3	2°37	1°51	4°12	F 29
S 30	2 32 40	6°28'39	12♍15	8°38	10°28	1°10	3°33	24° 9	3°23	14°50	14° 7	4° 5	2°33	1°57	4°11	S 30
S 31	2 36 37	7♏28'48	26♍ 8	7♏19	11♐41	1♒52	3♌37	24♎16	3♎27	14♉48	14♍ 9	4♎ 6	2♎30	2♒ 4	4♓10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 2	11n52	3s51	14s14	2s15	13s13	0s 0	25s46	2s51	20n21	0n17	5s58	2n16	0s 1	0n42	14n46	1s50	19n26	13n58	1s44	1s38	15s52	4s22	5n43
S 2	3 26	8 5	2 50	14 45	2 21	13 40	0 3	25 41	2 50	20 20	0 17	6 1	2 16	0 3	0 42	14 45	1 50	19 25	13 59	1 45	1 36	15 51	4 24	5 42
S 3	3 49	3 50	1 38	15 15	2 27	14 7	0 6	25 36	2 48	20 18	0 17	6 4	2 16	0 4	0 42	14 45	1 50	19 25	13 59	1 45	1 35	15 50	4 25	5 42
M 4	4 12	0s36	0 20	15 44	2 33	14 33	0 9	25 30	2 47	20 16	0 17	6 6	2 16	0 6	0 42	14 45	1 50	19 24	13 59	1 45	1 34	15 49	4 26	5 42
T 5	4 36	4 55	0n57	16 12	2 39	14 59	0 12	25 25	2 45	20 15	0 17	6 9	2 16	0 7	0 42	14 44	1 50	19 24	13 59	1 45	1 33	15 48	4 27	5 42
W 6	4 59	8 54	2 9	16 38	2 44	15 25	0 14	25 19	2 43	20 13	0 17	6 12	2 16	0 9	0 42	14 44	1 50	19 23	14 0	1 45	1 31	15 47	4 28	5 41
T 7	5 22	12 20	3 13	17 3	2 49	15 51	0 17	25 13	2 42	20 12	0 17	6 14	2 16	0 10	0 42	14 43	1 50	19 23	14 0	1 44	1 30	15 46	4 29	5 41
F 8	5 45	15 2	4 4	17 27	2 54	16 16	0 20	25 7	2 40	20 10	0 18	6 17	2 16	0 12	0 42	14 43	1 50	19 22	14 0	1 44	1 29	15 45	4 30	5 41
S 9	6 8	16 57	4 43	17 49	2 58	16 40	0 23	25 0	2 39	20 9	0 18	6 20	2 16	0 13	0 42	14 42	1 50	19 22	14 0	1 43	1 28	15 44	4 31	5 41
S 10	6 31	18 0	5 6	18 10	3 2	17 5	0 26	24 53	2 37	20 7	0 18	6 23	2 16	0 15	0 42	14 42	1 50	19 21	14 1	1 43	1 26	15 43	4 32	5 40
M11	6 54	18 11	5 16	18 28	3 5	17 28	0 29	24 47	2 36	20 6	0 18	6 25	2 16	0 16	0 42	14 42	1 50	19 21	14 1	1 42	1 25	15 42	4 33	5 40
T 12	7 16	17 34	5 12	18 45	3 8	17 52	0 32	24 40	2 34	20 4	0 18	6 28	2 16	0 18	0 42	14 41	1 51	19 20	14 1	1 42	1 24	15 41	4 34	5 40
W13	7 39	16 10	4 54	19 0	3 10	18 15	0 35	24 32	2 33	20 3	0 18	6 31	2 16	0 19	0 42	14 41	1 51	19 20	14 2	1 42	1 23	15 40	4 35	5 39
T 14	8 2	14 5	4 24	19 13	3 11	18 37	0 38	24 25	2 31	20 1	0 19	6 33	2 16	0 20	0 42	14 40	1 51	19 20	14 2	1 42	1 21	15 39	4 36	5 39
F 15	8 24	11 24	3 42	19 24	3 12	18 59	0 41	24 17	2 29	20 0	0 19	6 36	2 16	0 22	0 42	14 40	1 51	19 19	14 2	1 43	1 20	15 38	4 36	5 39
S 16	8 46	8 12	2 50	19 32	3 12	19 21	0 44	24 9	2 28	19 59	0 19	6 39	2 16	0 23	0 42	14 39	1 51	19 19	14 3	1 43	1 19	15 37	4 37	5 38
S 17	9 8	4 35	1 50	19 37	3 11	19 42	0 47	24 1	2 26	19 57	0 19	6 42	2 16	0 25	0 42	14 39	1 51	19 18	14 3	1 44	1 17	15 36	4 38	5 38
M18	9 30	0 43	0 43	19 40	3 8	20 2	0 49	23 53	2 25	19 56	0 19	6 44	2 16	0 26	0 42	14 38	1 51	19 18	14 3	1 44	1 16	15 35	4 39	5 38
T 19	9 52	3n18	0s27	19 39	3 5	20 22	0 52	23 45	2 23	19 55	0 19	6 47	2 16	0 28	0 42	14 38	1 51	19 18	14 4	1 44	1 15	15 34	4 40	5 37
W20	10 14	7 14	1 38	19 35	3 0	20 42	0 55	23 36	2 22	19 54	0 20	6 50	2 16	0 29	0 42	14 37	1 51	19 17	14 4	1 44	1 14	15 33	4 41	5 37
T 21	10 36	10 54	2 45	19 27	2 54	21 1	0 58	23 27	2 20	19 53	0 20	6 52	2 16	0 30	0 42	14 37	1 51	19 17	14 4	1 43	1 12	15 32	4 42	5 37
F 22	10 57	14 3	3 43	19 15	2 46	21 19	1 1	23 18	2 19	19 52	0 20	6 55	2 16	0 32	0 42	14 36	1 51	19 17	14 5	1 42	1 11	15 31	4 42	5 36
S 23	11 18	16 27	4 29	18 59	2 37	21 37	1 4	23 9	2 17	19 50	0 20	6 58	2 16	0 33	0 42	14 36	1 51	19 16	14 5	1 40	1 10	15 30	4 43	5 36
S 24	11 39	17 54	5 0	18 38	2 26	21 54	1 6	22 59	2 15	19 49	0 20	7 0	2 16	0 35	0 42	14 35	1 51	19 16	14 5	1 39	1 9	15 29	4 44	5 36
M25	12 0	18 15	5 13	18 13	2 13	22 11	1 9	22 50	2 14	19 48	0 20	7 3	2 16	0 36	0 42	14 35	1 51	19 16	14 6	1 38	1 7	15 28	4 45	5 35
T 26	12 21	17 28	5 7	17 43	1 58	22 27	1 12	22 40	2 12	19 47	0 21	7 6	2 16	0 37	0 42	14 34	1 51	19 16	14 6	1 37	1 6	15 27	4 46	5 35
W27	12 41	15 35	4 42	17 9	1 42	22 42	1 15	22 30	2 11	19 46	0 21	7 8	2 16	0 39	0 42	14 34	1 51	19 15	14 7	1 36	1 5	15 26	4 46	5 35
T 28	13 2	12 47	4 0	16 31	1 24	22 57	1 17	22 20	2 9	19 46	0 21	7 11	2 16	0 40	0 42	14 33	1 51	19 15	14 7	1 36	1 4	15 25	4 47	5 34
F 29	13 22	9 14	3 4	15 50	1 5	23 11	1 20	22 9	2 8	19 45	0 21	7 13	2 16	0 41	0 42	14 33	1 51	19 15	14 7	1 37	1 2	15 24	4 48	5 34
S 30	13 42	5 11	1 57	15 7	0 45	23 24	1 22	21 59	2 6	19 44	0 21	7 16	2 16	0 43	0 42	14 33	1 51	19 15	14 8	1 37	1 1	15 23	4 48	5 34
S 31	14s 2	0n53	0s43	14s22	0s25	23s37	1s25	21s48	2s 5	19n43	0n21	7s19	2n16	0s44	0n42	14n32	1s51	19n14	14n 8	1s38	1s 0	15s22	4s49	5n33

Julian Day Number = 2348454.5, Delta T = 10.56 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'00, Lahiri = 19°55'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

NOVEMBER 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 33	8♏28'59	9♎52	6°R 2	12♐54	2♒33	3♌41	24♎24	3♎30	14°R46	14♍10	4°R 6	2♎27	2♒11	4°R 9	M 1
T 2	2 44 30	9°29'11	23°26	4♏48	14° 7	3°15	3°45	24°31	3°33	14♉44	14°11	4♎ 4	2°24	2°17	4♓ 9	T 2
W 3	2 48 26	10°29'26	6♏48	3°39	15°20	3°57	3°48	24°38	3°37	14°43	14°13	4° 1	2°21	2°24	4° 8	W 3
T 4	2 52 23	11°29'42	19°55	2°39	16°33	4°38	3°52	24°45	3°40	14°41	14°14	3°56	2°17	2°31	4° 7	T 4
F 5	2 56 20	12°30'00	2♐48	1°48	17°46	5°20	3°55	24°52	3°43	14°39	14°16	3°49	2°14	2°38	4° 7	F 5
S 6	3 0 16	13°30'20	15°25	1° 7	18°59	6° 2	3°58	24°59	3°46	14°38	14°17	3°42	2°11	2°44	4° 6	S 6
S 7	3 4 13	14°30'41	27°47	0°39	20°12	6°44	4° 0	25° 6	3°49	14°36	14°18	3°34	2° 8	2°51	4° 6	S 7
M 8	3 8 9	15°31'04	9♑56	0°21	21°25	7°27	4° 3	25°13	3°52	14°34	14°19	3°28	2° 5	2°58	4° 5	M 8
T 9	3 12 6	16°31'29	21°54	0°D16	22°38	8° 9	4° 5	25°20	3°55	14°33	14°21	3°23	2° 2	3° 4	4° 5	T 9
W10	3 16 2	17°31'55	3♒47	0°21	23°51	8°51	4° 8	25°27	3°58	14°31	14°22	3°20	1°58	3°11	4° 4	W10
T 11	3 19 59	18°32'22	15°37	0°37	25° 3	9°34	4°10	25°34	4° 1	14°29	14°23	3°D19	1°55	3°18	4° 4	T 11
F 12	3 23 55	19°32'50	27°31	1° 3	26°16	10°16	4°11	25°41	4° 4	14°28	14°24	3°19	1°52	3°25	4° 4	F 12
S 13	3 27 52	20°33'20	9♓33	1°38	27°29	10°59	4°13	25°48	4° 7	14°26	14°25	3°20	1°49	3°31	4° 4	S 13
S 14	3 31 49	21°33'51	21°49	2°20	28°42	11°41	4°14	25°55	4°10	14°24	14°26	3°22	1°46	3°38	4° 4	S 14
M15	3 35 45	22°34'23	4♈22	3°10	29°54	12°24	4°16	26° 1	4°13	14°23	14°27	3°R22	1°42	3°45	4°D 4	M15
T 16	3 39 42	23°34'57	17°17	4° 6	1♉ 7	13° 6	4°17	26° 8	4°16	14°21	14°28	3°21	1°39	3°51	4° 4	T 16
W17	3 43 38	24°35'32	0♉36	5° 7	2°19	13°49	4°18	26°15	4°18	14°19	14°29	3°18	1°36	3°58	4° 4	W17
T 18	3 47 35	25°36'08	14°19	6°13	3°32	14°32	4°18	26°21	4°21	14°18	14°30	3°12	1°33	4° 5	4° 4	T 18
F 19	3 51 31	26°36'46	28°24	7°23	4°44	15°15	4°19	26°28	4°24	14°16	14°31	3° 5	1°30	4°11	4° 4	F 19
S 20	3 55 28	27°37'26	12♊45	8°37	5°57	15°58	4°19	26°35	4°26	14°14	14°32	2°56	1°27	4°18	4° 5	S 20
S 21	3 59 24	28°38'06	27°18	9°53	7° 9	16°41	4°R19	26°41	4°29	14°13	14°33	2°47	1°23	4°25	4° 5	S 21
M22	4 3 21	29°38'49	11♋55	11°12	8°22	17°24	4°19	26°48	4°32	14°11	14°34	2°38	1°20	4°32	4° 6	M22
T 23	4 7 18	0♐39'33	26°28	12°34	9°34	18° 7	4°19	26°54	4°34	14° 9	14°35	2°32	1°17	4°38	4° 6	T 23
W24	4 11 14	1°40'18	10♌53	13°57	10°46	18°50	4°18	27° 1	4°37	14° 8	14°35	2°27	1°14	4°45	4° 7	W24
T 25	4 15 11	2°41'05	25° 6	15°22	11°58	19°33	4°17	27° 7	4°39	14° 6	14°36	2°26	1°11	4°52	4° 7	T 25
F 26	4 19 7	3°41'53	9♍ 6	16°48	13°10	20°16	4°16	27°14	4°41	14° 5	14°37	2°D25	1° 8	4°58	4° 8	F 26
S 27	4 23 4	4°42'43	22°52	18°15	14°22	20°59	4°15	27°20	4°44	14° 3	14°38	2°26	1° 4	5° 5	4° 9	S 27
S 28	4 27 0	5°43'35	6♎24	19°43	15°34	21°42	4°14	27°26	4°46	14° 2	14°38	2°R26	1° 1	5°12	4° 9	S 28
M29	4 30 57	6°44'27	19°45	21°12	16°46	22°26	4°12	27°32	4°48	14° 0	14°39	2°25	0°58	5°18	4°10	M29
T 30	4 34 53	7♐45'22	2♏54	22♏42	17♑58	23♒ 9	4♌11	27♎39	4♎51	13♉58	14♍39	2♎21	0♎55	5♒25	4♓11	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s21	3s26	0n31	13s37	0s 4	23s49	1s27	21s37	2s 3	19n42	0n22	7s21	2n16	0s45	0n42	14n32	1s51	19n14	14n 9	1s38	0s59	15s21	4s50	5n33
T 2	14 40	7 31	1 43	12 53	0n16	24 1	1 30	21 26	2 2	19 42	0 22	7 24	2 17	0 46	0 42	14 31	1 51	19 14	14 9	1 37	0 57	15 20	4 50	5 32
W 3	14 59	11 9	2 49	12 11	0 36	24 12	1 32	21 14	2 0	19 41	0 22	7 26	2 17	0 48	0 42	14 31	1 51	19 14	14 9	1 36	0 56	15 19	4 51	5 32
T 4	15 18	14 9	3 43	11 33	0 54	24 22	1 35	21 3	1 59	19 40	0 22	7 29	2 17	0 49	0 42	14 30	1 51	19 14	14 10	1 34	0 55	15 17	4 51	5 32
F 5	15 37	16 24	4 26	11 0	1 11	24 31	1 37	20 51	1 57	19 40	0 22	7 31	2 17	0 50	0 42	14 30	1 51	19 14	14 10	1 31	0 53	15 16	4 52	5 31
S 6	15 55	17 48	4 54	10 32	1 27	24 40	1 39	20 39	1 56	19 39	0 23	7 34	2 17	0 51	0 42	14 29	1 51	19 14	14 11	1 28	0 52	15 15	4 53	5 31
S 7	16 13	18 20	5 8	10 9	1 40	24 48	1 41	20 27	1 54	19 39	0 23	7 36	2 17	0 53	0 42	14 29	1 51	19 13	14 11	1 25	0 51	15 14	4 53	5 31
M 8	16 31	18 0	5 7	9 52	1 52	24 55	1 44	20 15	1 53	19 38	0 23	7 39	2 17	0 54	0 42	14 28	1 51	19 13	14 12	1 23	0 50	15 13	4 54	5 30
T 9	16 48	16 52	4 53	9 41	2 1	25 2	1 46	20 3	1 51	19 38	0 23	7 41	2 17	0 55	0 42	14 28	1 51	19 13	14 12	1 21	0 48	15 12	4 54	5 30
W10	17 5	15 0	4 27	9 36	2 9	25 7	1 48	19 50	1 50	19 38	0 23	7 44	2 17	0 56	0 42	14 27	1 51	19 13	14 12	1 20	0 47	15 11	4 55	5 29
T 11	17 22	12 31	3 49	9 36	2 15	25 13	1 50	19 37	1 48	19 37	0 23	7 46	2 17	0 57	0 42	14 27	1 51	19 13	14 13	1 19	0 46	15 10	4 55	5 29
F 12	17 39	9 31	3 1	9 41	2 19	25 17	1 52	19 24	1 47	19 37	0 24	7 49	2 17	0 59	0 42	14 26	1 51	19 13	14 13	1 19	0 45	15 9	4 55	5 29
S 13	17 55	6 4	2 5	9 50	2 22	25 21	1 54	19 11	1 45	19 37	0 24	7 51	2 17	1 0	0 42	14 26	1 51	19 13	14 14	1 20	0 43	15 8	4 56	5 28
S 14	18 11	2 18	1 2	10 4	2 23	25 23	1 55	18 58	1 44	19 37	0 24	7 53	2 17	1 1	0 42	14 25	1 51	19 13	14 14	1 20	0 42	15 7	4 56	5 28
M15	18 26	1n39	0s 5	10 20	2 23	25 26	1 57	18 44	1 42	19 37	0 24	7 56	2 18	1 2	0 42	14 25	1 51	19 13	14 15	1 20	0 41	15 6	4 57	5 28
T 16	18 42	5 39	1 14	10 40	2 23	25 27	1 59	18 31	1 41	19 37	0 24	7 58	2 18	1 3	0 42	14 24	1 51	19 13	14 15	1 20	0 40	15 5	4 57	5 27
W17	18 57	9 30	2 21	11 2	2 21	25 28	2 0	18 17	1 39	19 37	0 25	8 0	2 18	1 4	0 42	14 24	1 51	19 13	14 16	1 19	0 38	15 4	4 57	5 27
T 18	19 11	12 57	3 22	11 26	2 18	25 27	2 2	18 3	1 38	19 37	0 25	8 3	2 18	1 5	0 42	14 23	1 51	19 13	14 16	1 17	0 37	15 3	4 57	5 26
F 19	19 26	15 44	4 12	11 52	2 15	25 27	2 3	17 49	1 36	19 37	0 25	8 5	2 18	1 6	0 42	14 23	1 51	19 13	14 17	1 14	0 36	15 1	4 58	5 26
S 20	19 39	17 37	4 47	12 20	2 11	25 25	2 5	17 35	1 35	19 37	0 25	8 7	2 18	1 7	0 42	14 22	1 51	19 13	14 17	1 10	0 34	15 0	4 58	5 26
S 21	19 53	18 23	5 4	12 48	2 6	25 23	2 6	17 21	1 33	19 37	0 25	8 9	2 18	1 8	0 42	14 22	1 51	19 14	14 18	1 6	0 33	14 59	4 58	5 25
M22	20 6	17 56	5 1	13 18	2 1	25 19	2 7	17 6	1 32	19 37	0 26	8 12	2 18	1 9	0 42	14 21	1 51	19 14	14 18	1 3	0 32	14 58	4 58	5 25
T 23	20 19	16 19	4 39	13 48	1 55	25 16	2 8	16 52	1 31	19 38	0 26	8 14	2 18	1 10	0 42	14 21	1 51	19 14	14 19	1 0	0 31	14 57	4 59	5 25
W24	20 32	13 41	4 0	14 18	1 49	25 11	2 9	16 37	1 29	19 38	0 26	8 16	2 19	1 11	0 42	14 20	1 51	19 14	14 19	0 59	0 29	14 56	4 59	5 24
T 25	20 44	10 15	3 6	14 49	1 43	25 6	2 10	16 22	1 28	19 38	0 26	8 18	2 19	1 12	0 43	14 20	1 51	19 14	14 20	0 58	0 28	14 55	4 59	5 24
F 26	20 55	6 18	2 1	15 20	1 37	25 0	2 11	16 7	1 26	19 39	0 26	8 20	2 19	1 13	0 43	14 20	1 51	19 14	14 20	0 58	0 27	14 54	4 59	5 23
S 27	21 7	2 3	0 51	15 51	1 30	24 53	2 12	15 52	1 25	19 39	0 27	8 23	2 19	1 14	0 43	14 19	1 51	19 14	14 21	0 58	0 26	14 53	4 59	5 23
S 28	21 17	2s13	0n21	16 21	1 23	24 45	2 13	15 36	1 24	19 40	0 27	8 25	2 19	1 15	0 43	14 19	1 51	19 15	14 21	0 58	0 24	14 52	4 59	5 23
M29	21 28	6 20	1 31	16 51	1 16	24 37	2 13	15 21	1 22	19 40	0 27	8 27	2 19	1 16	0 43	14 18	1 51	19 15	14 22	0 58	0 23	14 51	4 59	5 22
T 30	21s38	10s 4	2n35	17s21	1n 9	24s28	2s14	15s 5	1s21	19n41	0n27	8s29	2n19	1s16	0n43	14n18	1s51	19n15	14n22	0s56	0s22	14s49	4s59	5n22

Julian Day Number = 2348485.5, Delta T = 10.56 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'05, Lahiri = 19°55'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1717
geocentric

DECEMBER 1717 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 50	8♐46'17	15♏53	24♏12	19♑10	23♒52	4°R 9	27♎45	4♎53	13°R57	14♍40	2°R14	0♎52	5♒32	4♓12	W 1
T 2	4 42 47	9°47'14	28°40	25°42	20°22	24°36	4♌ 7	27°51	4°55	13♉55	14°40	2♎ 4	0°48	5°39	4°13	T 2
F 3	4 46 43	10°48'11	11♐17	27°13	21°34	25°19	4° 4	27°57	4°57	13°54	14°41	1°52	0°45	5°45	4°14	F 3
S 4	4 50 40	11°49'10	23°43	28°45	22°45	26° 3	4° 2	28° 3	4°59	13°53	14°41	1°39	0°42	5°52	4°15	S 4
S 5	4 54 36	12°50'10	5♑57	0♐16	23°57	26°46	3°59	28° 9	5° 1	13°51	14°42	1°26	0°39	5°59	4°16	S 5
M 6	4 58 33	13°51'10	18° 1	1°48	25° 8	27°29	3°56	28°14	5° 3	13°50	14°42	1°13	0°36	6° 5	4°18	M 6
T 7	5 2 29	14°52'12	29°57	3°20	26°20	28°13	3°53	28°20	5° 5	13°48	14°43	1° 3	0°33	6°12	4°19	T 7
W 8	5 6 26	15°53'13	11♒48	4°52	27°31	28°57	3°50	28°26	5° 7	13°47	14°43	0°55	0°29	6°19	4°20	W 8
T 9	5 10 22	16°54'16	23°36	6°25	28°42	29°40	3°46	28°32	5° 8	13°45	14°43	0°50	0°26	6°25	4°22	T 9
F 10	5 14 19	17°55'19	5♓27	7°57	29°54	0♓24	3°43	28°37	5°10	13°44	14°43	0°48	0°23	6°32	4°23	F 10
S 11	5 18 16	18°56'22	17°25	9°30	1♒ 5	1° 7	3°39	28°43	5°12	13°43	14°44	0°D47	0°20	6°39	4°25	S 11
S 12	5 22 12	19°57'26	29°37	11° 3	2°16	1°51	3°35	28°48	5°13	13°42	14°44	0°R47	0°17	6°45	4°26	S 12
M13	5 26 9	20°58'30	12♈ 7	12°36	3°26	2°35	3°31	28°54	5°15	13°40	14°44	0°47	0°14	6°52	4°28	M13
T 14	5 30 5	21°59'35	25° 1	14° 9	4°37	3°18	3°26	28°59	5°17	13°39	14°44	0°45	0°10	6°59	4°30	T 14
W15	5 34 2	23° 0'40	8♉21	15°42	5°48	4° 2	3°22	29° 4	5°18	13°38	14°44	0°40	0° 7	7° 6	4°32	W15
T 16	5 37 58	24° 1'45	22°11	17°15	6°59	4°45	3°17	29° 9	5°19	13°37	14°44	0°33	0° 4	7°12	4°33	T 16
F 17	5 41 55	25° 2'51	6♊29	18°49	8° 9	5°29	3°12	29°14	5°21	13°35	14°R44	0°23	0° 1	7°19	4°35	F 17
S 18	5 45 51	26° 3'57	21°10	20°23	9°19	6°13	3° 7	29°20	5°22	13°34	14°44	0°12	29♍58	7°26	4°37	S 18
S 19	5 49 48	27° 5'03	6♋ 7	21°57	10°30	6°56	3° 2	29°25	5°23	13°33	14°44	29♍59	29°54	7°32	4°39	S 19
M20	5 53 45	28° 6'11	21°10	23°31	11°40	7°40	2°57	29°29	5°25	13°32	14°44	29°48	29°51	7°39	4°41	M20
T 21	5 57 41	29° 7'18	6♌10	25° 5	12°50	8°24	2°51	29°34	5°26	13°31	14°44	29°39	29°48	7°46	4°43	T 21
W22	6 1 38	0♑ 8'26	20°57	26°40	14° 0	9° 7	2°46	29°39	5°27	13°30	14°44	29°33	29°45	7°52	4°45	W22
T 23	6 5 34	1° 9'35	5♍26	28°15	15° 9	9°51	2°40	29°44	5°28	13°29	14°44	29°29	29°42	7°59	4°48	T 23
F 24	6 9 31	2°10'44	19°34	29°50	16°19	10°35	2°34	29°48	5°29	13°28	14°44	29°28	29°39	8° 6	4°50	F 24
S 25	6 13 27	3°11'53	3♎21	1♑25	17°28	11°19	2°28	29°53	5°30	13°27	14°43	29°28	29°35	8°13	4°52	S 25
S 26	6 17 24	4°13'03	16°47	3° 1	18°38	12° 2	2°21	29°57	5°31	13°26	14°43	29°27	29°32	8°19	4°54	S 26
M27	6 21 20	5°14'14	29°55	4°37	19°47	12°46	2°15	0♏ 2	5°32	13°25	14°43	29°25	29°29	8°26	4°57	M27
T 28	6 25 17	6°15'25	12♏48	6°13	20°56	13°30	2° 9	0° 6	5°32	13°24	14°42	29°21	29°26	8°33	4°59	T 28
W29	6 29 14	7°16'36	25°28	7°50	22° 5	14°13	2° 2	0°10	5°33	13°23	14°42	29°14	29°23	8°39	5° 2	W29
T 30	6 33 10	8°17'48	7♐58	9°27	23°13	14°57	1°55	0°14	5°34	13°22	14°42	29° 3	29°20	8°46	5° 4	T 30
F 31	6 37 7	9♑18'59	20♐18	11♑ 4	24♒22	15♓41	1♌48	0♏18	5♎34	13♉22	14♍41	28♍50	29♍16	8♒53	5♓ 7	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s48	13s16	3n29	17s50	1n 2	24s19	2s14	14s50	1s19	19n41	0n27	8s31	2n19	1s17	0n43	14n17	1s50	19n15	14n23	0s53	0s21	14s48	4s59	5n21
T 2	21 57	15 47	4 12	18 19	0 55	24 8	2 14	14 34	1 18	19 42	0 28	8 33	2 20	1 18	0 43	14 17	1 50	19 16	14 23	0 50	0 19	14 47	4 59	5 21
F 3	22 6	17 30	4 42	18 47	0 48	23 57	2 15	14 18	1 17	19 43	0 28	8 35	2 20	1 19	0 43	14 17	1 50	19 16	14 24	0 45	0 18	14 46	4 59	5 21
S 4	22 14	18 21	4 58	19 15	0 41	23 46	2 15	14 2	1 15	19 44	0 28	8 37	2 20	1 20	0 43	14 16	1 50	19 16	14 24	0 39	0 17	14 45	4 59	5 20
S 5	22 22	18 20	5 0	19 42	0 33	23 33	2 15	13 46	1 14	19 44	0 28	8 39	2 20	1 20	0 43	14 16	1 50	19 16	14 25	0 34	0 16	14 44	4 59	5 20
M 6	22 30	17 29	4 49	20 7	0 26	23 20	2 15	13 30	1 12	19 45	0 28	8 41	2 20	1 21	0 43	14 15	1 50	19 17	14 25	0 29	0 14	14 43	4 59	5 20
T 7	22 37	15 53	4 24	20 32	0 19	23 7	2 14	13 13	1 11	19 46	0 29	8 43	2 20	1 22	0 43	14 15	1 50	19 17	14 26	0 25	0 13	14 42	4 59	5 19
W 8	22 43	13 37	3 49	20 57	0 12	22 53	2 14	12 57	1 10	19 47	0 29	8 45	2 21	1 23	0 43	14 15	1 50	19 17	14 26	0 22	0 12	14 40	4 59	5 19
T 9	22 50	10 47	3 3	21 20	0 5	22 38	2 14	12 40	1 8	19 48	0 29	8 46	2 21	1 23	0 43	14 14	1 50	19 18	14 27	0 20	0 10	14 39	4 59	5 19
F 10	22 55	7 31	2 10	21 42	0s 2	22 22	2 13	12 24	1 7	19 49	0 29	8 48	2 21	1 24	0 43	14 14	1 50	19 18	14 27	0 19	0 9	14 38	4 58	5 18
S 11	23 1	3 54	1 10	22 3	0 9	22 6	2 12	12 7	1 6	19 50	0 29	8 50	2 21	1 25	0 43	14 14	1 50	19 19	14 28	0 19	0 8	14 37	4 58	5 18
S 12	23 6	0 4	0 6	22 24	0 16	21 49	2 12	11 50	1 4	19 52	0 30	8 52	2 21	1 25	0 43	14 13	1 50	19 19	14 28	0 19	0 7	14 36	4 58	5 17
M13	23 10	3n53	1s 0	22 43	0 23	21 32	2 11	11 33	1 3	19 53	0 30	8 54	2 21	1 26	0 43	14 13	1 50	19 19	14 29	0 19	0 5	14 35	4 58	5 17
T 14	23 14	7 46	2 4	23 1	0 29	21 14	2 10	11 16	1 2	19 54	0 30	8 55	2 22	1 26	0 43	14 13	1 50	19 20	14 29	0 18	0 4	14 34	4 57	5 17
W15	23 17	11 24	3 5	23 18	0 36	20 56	2 9	10 59	1 1	19 55	0 30	8 57	2 22	1 27	0 43	14 12	1 50	19 20	14 30	0 16	0 3	14 33	4 57	5 16
T 16	23 20	14 32	3 56	23 34	0 42	20 37	2 8	10 42	0 59	19 56	0 30	8 59	2 22	1 27	0 43	14 12	1 50	19 21	14 30	0 13	0 2	14 31	4 57	5 16
F 17	23 23	16 54	4 35	23 48	0 48	20 17	2 6	10 25	0 58	19 58	0 30	9 0	2 22	1 28	0 43	14 12	1 50	19 21	14 31	0 9	0 0	14 30	4 56	5 16
S 18	23 25	18 15	4 57	24 2	0 54	19 57	2 5	10 7	0 57	19 59	0 31	9 2	2 22	1 28	0 43	14 11	1 50	19 22	14 31	0 5	0n 1	14 29	4 56	5 15
S 19	23 26	18 22	4 58	24 14	1 0	19 37	2 3	9 50	0 55	20 0	0 31	9 3	2 23	1 29	0 43	14 11	1 50	19 22	14 32	0n 0	0 2	14 28	4 56	5 15
M20	23 28	17 12	4 40	24 25	1 6	19 16	2 2	9 33	0 54	20 2	0 31	9 5	2 23	1 29	0 43	14 11	1 50	19 23	14 32	0 5	0 3	14 27	4 55	5 15
T 21	23 28	14 51	4 2	24 34	1 11	18 54	2 0	9 15	0 53	20 3	0 31	9 6	2 23	1 30	0 43	14 10	1 50	19 23	14 33	0 8	0 5	14 26	4 55	5 14
W22	23 28	11 33	3 8	24 42	1 17	18 32	1 58	8 57	0 52	20 5	0 31	9 8	2 23	1 30	0 43	14 10	1 50	19 24	14 33	0 11	0 6	14 24	4 54	5 14
T 23	23 28	7 37	2 3	24 49	1 22	18 10	1 56	8 40	0 50	20 6	0 32	9 9	2 23	1 31	0 43	14 10	1 50	19 24	14 34	0 12	0 7	14 23	4 54	5 14
F 24	23 27	3 20	0 52	24 55	1 27	17 47	1 54	8 22	0 49	20 8	0 32	9 11	2 24	1 31	0 44	14 10	1 50	19 25	14 34	0 13	0 9	14 22	4 53	5 13
S 25	23 26	1s 1	0n21	24 59	1 31	17 24	1 52	8 4	0 48	20 9	0 32	9 12	2 24	1 31	0 44	14 9	1 49	19 25	14 35	0 13	0 10	14 21	4 53	5 13
S 26	23 24	5 13	1 30	25 2	1 36	17 0	1 50	7 47	0 47	20 11	0 32	9 13	2 24	1 32	0 44	14 9	1 49	19 26	14 35	0 13	0 11	14 20	4 52	5 13
M27	23 22	9 4	2 33	25 4	1 40	16 36	1 47	7 29	0 46	20 13	0 32	9 15	2 24	1 32	0 44	14 9	1 49	19 26	14 36	0 14	0 12	14 19	4 52	5 12
T 28	23 20	12 24	3 28	25 3	1 44	16 11	1 44	7 11	0 44	20 14	0 33	9 16	2 24	1 32	0 44	14 9	1 49	19 27	14 36	0 16	0 14	14 17	4 51	5 12
W29	23 16	15 6	4 10	25 2	1 48	15 46	1 42	6 53	0 43	20 16	0 33	9 17	2 25	1 32	0 44	14 9	1 49	19 27	14 37	0 18	0 15	14 16	4 51	5 12
T 30	23 13	17 3	4 40	24 59	1 51	15 21	1 39	6 35	0 42	20 18	0 33	9 19	2 25	1 33	0 44	14 8	1 49	19 28	14 37	0 23	0 16	14 15	4 50	5 11
F 31	23s 9	18s11	4n57	24s54	1s54	14s56	1s36	6s17	0s41	20n19	0n33	9s20	2n25	1s33	0n44	14n 8	1s49	19n29	14n38	0n28	0n17	14s14	4s49	5n11

Julian Day Number = 2348515.5, Delta T = 10.55 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'09, Lahiri = 19°55'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

JANUARY 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 3	10♑20'11	2♑30	12♑42	25♒30	16♓24	1°R41	0♏22	5♎35	13°R21	14°R41	28°R36	29♍13	8♒59	5♓ 9	S 1
S 2	6 45 0	11°21'23	14°34	14°20	26°38	17° 8	1♌34	0°26	5°35	13♉20	14♍40	28♍21	29°10	9° 6	5°12	S 2
M 3	6 48 56	12°22'34	26°32	15°58	27°46	17°52	1°27	0°30	5°36	13°19	14°40	28° 8	29° 7	9°13	5°15	M 3
T 4	6 52 53	13°23'45	8♒24	17°37	28°54	18°35	1°20	0°34	5°36	13°19	14°39	27°56	29° 4	9°19	5°17	T 4
W 5	6 56 49	14°24'56	20°13	19°16	0♓ 2	19°19	1°12	0°37	5°36	13°18	14°39	27°47	29° 0	9°26	5°20	W 5
T 6	7 0 46	15°26'07	2♓ 1	20°56	1° 9	20° 3	1° 5	0°41	5°37	13°17	14°38	27°41	28°57	9°33	5°23	T 6
F 7	7 4 43	16°27'17	13°51	22°36	2°16	20°46	0°57	0°44	5°37	13°17	14°37	27°38	28°54	9°40	5°26	F 7
S 8	7 8 39	17°28'26	25°48	24°16	3°23	21°30	0°50	0°48	5°37	13°16	14°37	27°D37	28°51	9°46	5°29	S 8
S 9	7 12 36	18°29'35	7♈56	25°56	4°30	22°13	0°42	0°51	5°37	13°16	14°36	27°37	28°48	9°53	5°32	S 9
M10	7 16 32	19°30'43	20°22	27°37	5°37	22°57	0°34	0°54	5°R37	13°15	14°35	27°R38	28°45	10° 0	5°35	M10
T 11	7 20 29	20°31'51	3♉ 9	29°18	6°43	23°41	0°26	0°57	5°37	13°15	14°35	27°37	28°41	10° 6	5°38	T 11
W12	7 24 25	21°32'58	16°23	0♒59	7°49	24°24	0°19	1° 0	5°37	13°14	14°34	27°34	28°38	10°13	5°41	W12
T 13	7 28 22	22°34'04	0♊ 7	2°41	8°55	25° 8	0°11	1° 3	5°37	13°14	14°33	27°29	28°35	10°20	5°44	T 13
F 14	7 32 18	23°35'09	14°21	4°22	10° 0	25°51	0° 3	1° 6	5°37	13°14	14°32	27°21	28°32	10°26	5°47	F 14
S 15	7 36 15	24°36'13	29° 3	6° 3	11° 6	26°35	29♋55	1° 8	5°36	13°13	14°31	27°12	28°29	10°33	5°50	S 15
S 16	7 40 12	25°37'17	14♋ 8	7°44	12°11	27°18	29°47	1°11	5°36	13°13	14°30	27° 2	28°26	10°40	5°53	S 16
M17	7 44 8	26°38'20	29°24	9°25	13°15	28° 2	29°39	1°13	5°36	13°13	14°29	26°53	28°22	10°46	5°57	M17
T 18	7 48 5	27°39'23	14♌41	11° 5	14°19	28°45	29°31	1°16	5°35	13°13	14°28	26°45	28°19	10°53	6° 0	T 18
W19	7 52 1	28°40'24	29°49	12°44	15°24	29°29	29°23	1°18	5°35	13°13	14°27	26°40	28°16	11° 0	6° 3	W19
T 20	7 55 58	29°41'25	14♍38	14°22	16°27	0♈12	29°15	1°20	5°34	13°12	14°26	26°37	28°13	11° 6	6° 6	T 20
F 21	7 59 54	0♒42'26	29° 3	15°59	17°31	0°55	29° 7	1°22	5°34	13°12	14°25	26°D36	28°10	11°13	6°10	F 21
S 22	8 3 51	1°43'26	13♎ 2	17°34	18°34	1°39	28°59	1°24	5°33	13°12	14°24	26°37	28° 6	11°20	6°13	S 22
S 23	8 7 48	2°44'25	26°34	19° 7	19°36	2°22	28°51	1°26	5°32	13°12	14°23	26°R38	28° 3	11°27	6°17	S 23
M24	8 11 44	3°45'24	9♏43	20°37	20°39	3° 5	28°43	1°28	5°32	13°D12	14°22	26°38	28° 0	11°33	6°20	M24
T 25	8 15 41	4°46'22	22°32	22° 4	21°40	3°49	28°35	1°29	5°31	13°12	14°21	26°36	27°57	11°40	6°23	T 25
W26	8 19 37	5°47'19	5♐ 4	23°27	22°42	4°32	28°27	1°31	5°30	13°12	14°20	26°32	27°54	11°47	6°27	W26
T 27	8 23 34	6°48'16	17°23	24°46	23°43	5°15	28°19	1°32	5°29	13°12	14°19	26°26	27°51	11°53	6°30	T 27
F 28	8 27 30	7°49'12	29°31	26° 0	24°44	5°58	28°11	1°34	5°28	13°13	14°18	26°18	27°47	12° 0	6°34	F 28
S 29	8 31 27	8°50'07	11♑32	27° 8	25°44	6°42	28° 3	1°35	5°27	13°13	14°16	26° 8	27°44	12° 7	6°38	S 29
S 30	8 35 23	9°51'01	23°28	28° 9	26°44	7°25	27°55	1°36	5°26	13°13	14°15	25°59	27°41	12°13	6°41	S 30
M31	8 39 20	10♒51'54	5♒20	29♒ 3	27♓43	8♈ 8	27♋48	1♏37	5♎25	13♉13	14♍14	25♍50	27♍38	12♒20	6♓45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	18s28	4n59	24s48	1s57	14s30	1s33	5s59	0s40	20n21	0n33	9s21	2n25	1s33	0n44	14n 8	1s49	19n29	14n38	0n34	0n19	14s13	4s49	5n11
S 2	22 59	17 54	4 48	24 41	1 59	14 3	1 30	5 41	0 38	20 23	0 33	9 22	2 26	1 33	0 44	14 8	1 49	19 30	14 39	0 39	0 20	14 12	4 48	5 11
M 3	22 54	16 33	4 25	24 32	2 2	13 37	1 26	5 23	0 37	20 25	0 34	9 23	2 26	1 33	0 44	14 8	1 49	19 31	14 39	0 45	0 21	14 10	4 47	5 10
T 4	22 48	14 30	3 50	24 21	2 3	13 10	1 23	5 4	0 36	20 26	0 34	9 24	2 26	1 33	0 44	14 7	1 49	19 31	14 40	0 49	0 22	14 9	4 47	5 10
W 5	22 42	11 51	3 5	24 9	2 5	12 43	1 19	4 46	0 35	20 28	0 34	9 25	2 26	1 33	0 44	14 7	1 49	19 32	14 40	0 53	0 24	14 8	4 46	5 10
T 6	22 35	8 44	2 12	23 55	2 6	12 16	1 16	4 28	0 34	20 30	0 34	9 26	2 26	1 34	0 44	14 7	1 49	19 33	14 41	0 55	0 25	14 7	4 45	5 9
F 7	22 27	5 15	1 13	23 39	2 6	11 48	1 12	4 10	0 33	20 32	0 34	9 27	2 27	1 34	0 44	14 7	1 49	19 33	14 41	0 57	0 26	14 6	4 44	5 9
S 8	22 20	1 31	0 10	23 22	2 7	11 20	1 8	3 52	0 32	20 34	0 34	9 28	2 27	1 34	0 44	14 7	1 49	19 34	14 42	0 57	0 28	14 4	4 43	5 9
S 9	22 12	2n19	0s55	23 4	2 6	10 52	1 4	3 33	0 30	20 35	0 35	9 29	2 27	1 34	0 44	14 7	1 49	19 35	14 42	0 57	0 29	14 3	4 43	5 9
M10	22 3	6 9	1 58	22 43	2 6	10 24	1 0	3 15	0 29	20 37	0 35	9 30	2 27	1 34	0 44	14 7	1 49	19 35	14 42	0 57	0 30	14 2	4 42	5 8
T 11	21 54	9 48	2 57	22 21	2 5	9 55	0 56	2 57	0 28	20 39	0 35	9 31	2 28	1 34	0 44	14 7	1 49	19 36	14 43	0 57	0 31	14 1	4 41	5 8
W12	21 45	13 6	3 49	21 58	2 3	9 26	0 51	2 39	0 27	20 41	0 35	9 32	2 28	1 33	0 44	14 7	1 48	19 37	14 43	0 58	0 33	14 0	4 40	5 8
T 13	21 35	15 48	4 30	21 33	2 1	8 58	0 47	2 20	0 26	20 43	0 35	9 32	2 28	1 33	0 44	14 7	1 48	19 37	14 44	1 0	0 34	13 58	4 39	5 7
F 14	21 25	17 39	4 56	21 6	1 58	8 28	0 42	2 2	0 25	20 45	0 35	9 33	2 28	1 33	0 44	14 7	1 48	19 38	14 44	1 3	0 35	13 57	4 38	5 7
S 15	21 14	18 24	5 4	20 38	1 54	7 59	0 37	1 44	0 24	20 46	0 35	9 34	2 29	1 33	0 44	14 7	1 48	19 39	14 45	1 7	0 36	13 56	4 37	5 7
S 16	21 3	17 54	4 51	20 8	1 50	7 30	0 32	1 25	0 23	20 48	0 36	9 34	2 29	1 33	0 44	14 7	1 48	19 40	14 45	1 11	0 38	13 55	4 36	5 7
M17	20 51	16 7	4 17	19 37	1 45	7 1	0 27	1 7	0 22	20 50	0 36	9 35	2 29	1 33	0 44	14 7	1 48	19 40	14 45	1 15	0 39	13 54	4 36	5 7
T 18	20 40	13 11	3 25	19 4	1 40	6 31	0 22	0 49	0 21	20 52	0 36	9 36	2 29	1 33	0 44	14 7	1 48	19 41	14 46	1 18	0 40	13 52	4 35	5 6
W19	20 27	9 24	2 18	18 31	1 34	6 2	0 17	0 31	0 20	20 54	0 36	9 36	2 30	1 32	0 44	14 7	1 48	19 42	14 46	1 20	0 41	13 51	4 34	5 6
T 20	20 15	5 5	1 4	17 56	1 27	5 32	0 12	0 12	0 19	20 56	0 36	9 37	2 30	1 32	0 45	14 7	1 48	19 43	14 47	1 21	0 43	13 50	4 33	5 6
F 21	20 2	0 35	0n13	17 20	1 19	5 2	0 6	0n 6	0 18	20 57	0 36	9 37	2 30	1 32	0 45	14 7	1 48	19 43	14 47	1 21	0 44	13 49	4 32	5 6
S 22	19 48	3s49	1 27	16 43	1 11	4 32	0 0	0 24	0 17	20 59	0 36	9 38	2 30	1 32	0 45	14 7	1 48	19 44	14 47	1 21	0 45	13 48	4 31	5 5
S 23	19 35	7 52	2 34	16 5	1 1	4 2	0n 5	0 42	0 16	21 1	0 36	9 38	2 31	1 31	0 45	14 7	1 48	19 45	14 48	1 20	0 46	13 46	4 30	5 5
M24	19 20	11 25	3 30	15 27	0 51	3 33	0 11	1 0	0 15	21 3	0 37	9 38	2 31	1 31	0 45	14 7	1 48	19 46	14 48	1 20	0 48	13 45	4 28	5 5
T 25	19 6	14 19	4 15	14 49	0 40	3 3	0 17	1 18	0 14	21 4	0 37	9 39	2 31	1 31	0 45	14 7	1 48	19 47	14 49	1 21	0 49	13 44	4 27	5 5
W26	18 51	16 29	4 46	14 10	0 29	2 33	0 23	1 37	0 13	21 6	0 37	9 39	2 31	1 30	0 45	14 7	1 48	19 47	14 49	1 23	0 50	13 43	4 26	5 5
T 27	18 36	17 50	5 3	13 32	0 16	2 3	0 29	1 55	0 12	21 8	0 37	9 39	2 32	1 30	0 45	14 7	1 48	19 48	14 49	1 25	0 52	13 41	4 25	5 4
F 28	18 20	18 22	5 7	12 54	0 2	1 33	0 35	2 13	0 11	21 10	0 37	9 40	2 32	1 29	0 45	14 7	1 47	19 49	14 50	1 29	0 53	13 40	4 24	5 4
S 29	18 5	18 3	4 56	12 18	0n12	1 3	0 42	2 31	0 10	21 11	0 37	9 40	2 32	1 29	0 45	14 7	1 47	19 50	14 50	1 32	0 54	13 39	4 23	5 4
S 30	17 48	16 57	4 33	11 43	0 27	0 34	0 48	2 49	0 9	21 13	0 37	9 40	2 32	1 29	0 45	14 7	1 47	19 50	14 50	1 36	0 55	13 38	4 22	5 4
M31	17s32	15s 7	3n58	11s 9	0n43	0s 4	0n55	3n 7	0s 8	21n14	0n37	9s40	2n33	1s28	0n45	14n 7	1s47	19n51	14n51	1n40	0n57	13s36	4s21	5n 4

Julian Day Number = 2348546.5, Delta T = 10.55 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'13, Lahiri = 19°55'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

FEBRUARY 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 17	11♒52'45	17♒10	29♒49	28♓42	8♈51	27°R40	1♏38	5°R24	13♉13	14°R13	25°R42	27♍35	12♒27	6♓48	T 1
W 2	8 47 13	12°53'36	28°59	0♓25	29°41	9°34	27♋33	1°39	5♎23	13°14	14♍11	25♍36	27°32	12°33	6°52	W 2
T 3	8 51 10	13°54'25	10♓49	0°52	0♈39	10°17	27°25	1°40	5°21	13°14	14°10	25°33	27°28	12°40	6°56	T 3
F 4	8 55 6	14°55'13	22°44	1° 9	1°36	11° 0	27°18	1°40	5°20	13°15	14° 9	25°D32	27°25	12°47	7° 0	F 4
S 5	8 59 3	15°55'59	4♈45	1°R15	2°33	11°43	27°10	1°41	5°19	13°15	14° 7	25°32	27°22	12°53	7° 3	S 5
S 6	9 2 59	16°56'44	16°57	1°11	3°29	12°26	27° 3	1°41	5°17	13°15	14° 6	25°33	27°19	13° 0	7° 7	S 6
M 7	9 6 56	17°57'27	29°23	0°55	4°25	13° 9	26°56	1°42	5°16	13°16	14° 5	25°35	27°16	13° 7	7°11	M 7
T 8	9 10 52	18°58'09	12♉ 8	0°30	5°20	13°52	26°49	1°42	5°14	13°16	14° 3	25°36	27°12	13°14	7°15	T 8
W 9	9 14 49	19°58'49	25°15	29♒54	6°14	14°35	26°42	1°R42	5°13	13°17	14° 2	25°R36	27° 9	13°20	7°18	W 9
T 10	9 18 45	20°59'27	8♊49	29° 9	7° 8	15°18	26°36	1°42	5°11	13°18	14° 0	25°35	27° 6	13°27	7°22	T 10
F 11	9 22 42	22° 0'04	22°51	28°16	8° 1	16° 1	26°29	1°42	5°10	13°18	13°59	25°32	27° 3	13°34	7°26	F 11
S 12	9 26 39	23° 0'39	7♋20	27°17	8°54	16°44	26°22	1°42	5° 8	13°19	13°57	25°28	27° 0	13°40	7°30	S 12
S 13	9 30 35	24° 1'12	22°12	26°14	9°45	17°26	26°16	1°41	5° 6	13°19	13°56	25°23	26°57	13°47	7°34	S 13
M14	9 34 32	25° 1'43	7♌21	25° 7	10°36	18° 9	26°10	1°41	5° 4	13°20	13°55	25°19	26°53	13°54	7°38	M14
T 15	9 38 28	26° 2'13	22°37	23°59	11°26	18°52	26° 4	1°40	5° 3	13°21	13°53	25°15	26°50	14° 0	7°41	T 15
W16	9 42 25	27° 2'40	7♍49	22°52	12°15	19°34	25°58	1°40	5° 1	13°22	13°52	25°13	26°47	14° 7	7°45	W16
T 17	9 46 21	28° 3'07	22°49	21°46	13° 4	20°17	25°52	1°39	4°59	13°23	13°50	25°D12	26°44	14°14	7°49	T 17
F 18	9 50 18	29° 3'32	7♎27	20°45	13°51	21° 0	25°46	1°38	4°57	13°23	13°49	25°12	26°41	14°20	7°53	F 18
S 19	9 54 14	0♓ 3'55	21°40	19°48	14°37	21°42	25°41	1°37	4°55	13°24	13°47	25°13	26°37	14°27	7°57	S 19
S 20	9 58 11	1° 4'17	5♏25	18°57	15°23	22°25	25°35	1°36	4°53	13°25	13°45	25°15	26°34	14°34	8° 1	S 20
M21	10 2 8	2° 4'38	18°43	18°12	16° 7	23° 7	25°30	1°35	4°51	13°26	13°44	25°16	26°31	14°40	8° 5	M21
T 22	10 6 4	3° 4'57	1♐37	17°34	16°51	23°50	25°25	1°34	4°49	13°27	13°42	25°R17	26°28	14°47	8° 9	T 22
W23	10 10 1	4° 5'15	14°11	17° 3	17°33	24°32	25°20	1°32	4°47	13°28	13°41	25°17	26°25	14°54	8°13	W23
T 24	10 13 57	5° 5'31	26°27	16°40	18°15	25°15	25°15	1°31	4°45	13°29	13°39	25°15	26°22	15° 0	8°17	T 24
F 25	10 17 54	6° 5'46	8♑31	16°24	18°55	25°57	25°11	1°29	4°43	13°30	13°38	25°13	26°18	15° 7	8°20	F 25
S 26	10 21 50	7° 5'59	20°27	16°15	19°34	26°39	25° 6	1°28	4°41	13°31	13°36	25°10	26°15	15°14	8°24	S 26
S 27	10 25 47	8° 6'11	2♒18	16°D12	20°11	27°22	25° 2	1°26	4°38	13°33	13°34	25° 7	26°12	15°20	8°28	S 27
M28	10 29 43	9♓ 6'21	14♒ 7	16♒16	20♈48	28♈ 4	24♋58	1♏24	4♎36	13♉34	13♍33	25♍ 5	26♍ 9	15♒27	8♓32	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s15	12s39	3n13	10s38	0n59	0n26	1n 2	3n24	0s 7	21n16	0n37	9s40	2n33	1s28	0n45	14n 8	1s47	19n52	14n51	1n43	0n58	13s35	4s19	5n 3	T 1
W 2	16 58	9 40	2 19	10 10	1 15	0 55	1 8	3 42	0 6	21 18	0 37	9 40	2 33	1 27	0 45	14 8	1 47	19 53	14 51	1 45	0 59	13 34	4 18	5 3	W 2
T 3	16 41	6 18	1 19	9 45	1 32	1 25	1 15	4 0	0 5	21 19	0 38	9 40	2 33	1 27	0 45	14 8	1 47	19 54	14 52	1 46	1 0	13 33	4 17	5 3	T 3
F 4	16 23	2 39	0 15	9 23	1 49	1 54	1 22	4 18	0 4	21 21	0 38	9 40	2 34	1 26	0 45	14 8	1 47	19 54	14 52	1 47	1 2	13 31	4 16	5 3	F 4
S 5	16 5	1n 8	0s50	9 5	2 6	2 23	1 29	4 35	0 3	21 22	0 38	9 40	2 34	1 25	0 45	14 8	1 47	19 55	14 52	1 47	1 3	13 30	4 15	5 3	S 5
S 6	15 47	4 55	1 54	8 52	2 22	2 52	1 37	4 53	0 2	21 24	0 38	9 40	2 34	1 25	0 45	14 8	1 47	19 56	14 53	1 46	1 4	13 29	4 13	5 3	S 6
M 7	15 28	8 33	2 54	8 42	2 37	3 21	1 44	5 11	0 1	21 25	0 38	9 40	2 35	1 24	0 45	14 9	1 47	19 57	14 53	1 45	1 5	13 28	4 12	5 2	M 7
T 8	15 10	11 54	3 47	8 38	2 52	3 49	1 51	5 28	0 1	21 27	0 38	9 40	2 35	1 24	0 45	14 9	1 47	19 58	14 53	1 45	1 7	13 26	4 11	5 2	T 8
W 9	14 50	14 44	4 30	8 38	3 5	4 18	1 59	5 46	0n 0	21 28	0 38	9 39	2 35	1 23	0 45	14 9	1 47	19 58	14 53	1 45	1 8	13 25	4 10	5 2	W 9
T 10	14 31	16 52	4 59	8 42	3 17	4 46	2 6	6 3	0 1	21 29	0 38	9 39	2 35	1 22	0 45	14 9	1 47	19 59	14 54	1 45	1 9	13 24	4 8	5 2	T 10
F 11	14 12	18 5	5 12	8 51	3 27	5 14	2 14	6 20	0 2	21 31	0 38	9 39	2 36	1 22	0 45	14 10	1 47	20 0	14 54	1 47	1 11	13 23	4 7	5 2	F 11
S 12	13 52	18 11	5 6	9 4	3 35	5 42	2 22	6 38	0 3	21 32	0 38	9 39	2 36	1 21	0 45	14 10	1 47	20 1	14 54	1 48	1 12	13 21	4 6	5 2	S 12
S 13	13 32	17 3	4 39	9 20	3 40	6 10	2 30	6 55	0 4	21 33	0 38	9 38	2 36	1 20	0 45	14 10	1 46	20 2	14 54	1 50	1 13	13 20	4 5	5 2	S 13
M14	13 12	14 42	3 53	9 39	3 43	6 37	2 38	7 12	0 5	21 35	0 38	9 38	2 36	1 20	0 45	14 10	1 46	20 2	14 55	1 52	1 14	13 19	4 3	5 1	M14
T 15	12 51	11 20	2 49	10 1	3 44	7 4	2 46	7 29	0 5	21 36	0 38	9 37	2 37	1 19	0 45	14 11	1 46	20 3	14 55	1 53	1 16	13 18	4 2	5 1	T 15
W16	12 31	7 12	1 34	10 24	3 43	7 31	2 54	7 46	0 6	21 37	0 38	9 37	2 37	1 18	0 45	14 11	1 46	20 4	14 55	1 54	1 17	13 16	4 1	5 1	W16
T 17	12 10	2 39	0 13	10 48	3 39	7 57	3 2	8 3	0 7	21 38	0 39	9 36	2 37	1 17	0 45	14 11	1 46	20 5	14 55	1 55	1 18	13 15	3 59	5 1	T 17
F 18	11 49	1s56	1n 7	11 13	3 34	8 23	3 10	8 20	0 8	21 39	0 39	9 36	2 37	1 17	0 45	14 12	1 46	20 6	14 55	1 55	1 19	13 14	3 58	5 1	F 18
S 19	11 28	6 17	2 21	11 38	3 27	8 49	3 18	8 36	0 9	21 40	0 39	9 35	2 38	1 16	0 45	14 12	1 46	20 6	14 56	1 54	1 21	13 12	3 57	5 1	S 19
S 20	11 7	10 9	3 24	12 2	3 18	9 14	3 27	8 53	0 9	21 41	0 39	9 35	2 38	1 15	0 45	14 12	1 46	20 7	14 56	1 53	1 22	13 11	3 55	5 1	S 20
M21	10 45	13 21	4 14	12 25	3 7	9 39	3 35	9 9	0 10	21 42	0 39	9 34	2 38	1 14	0 45	14 13	1 46	20 8	14 56	1 53	1 23	13 10	3 54	5 1	M21
T 22	10 23	15 48	4 49	12 48	2 56	10 4	3 44	9 26	0 11	21 43	0 39	9 34	2 38	1 13	0 45	14 13	1 46	20 9	14 56	1 53	1 24	13 9	3 53	5 1	T 22
W23	10 1	17 25	5 10	13 8	2 44	10 28	3 52	9 42	0 12	21 44	0 39	9 33	2 39	1 12	0 45	14 13	1 46	20 9	14 56	1 53	1 26	13 7	3 51	5 1	W23
T 24	9 39	18 10	5 15	13 27	2 31	10 52	4 1	9 59	0 13	21 45	0 39	9 32	2 39	1 12	0 46	14 14	1 46	20 10	14 56	1 53	1 27	13 6	3 50	5 1	T 24
F 25	9 17	18 6	5 7	13 45	2 18	11 15	4 9	10 15	0 13	21 46	0 39	9 31	2 39	1 11	0 46	14 14	1 46	20 11	14 56	1 54	1 28	13 5	3 48	5 0	F 25
S 26	8 55	17 13	4 45	14 0	2 5	11 38	4 18	10 31	0 14	21 47	0 39	9 31	2 39	1 10	0 46	14 14	1 46	20 12	14 57	1 55	1 29	13 3	3 47	5 0	S 26
S 27	8 33	15 35	4 12	14 14	1 51	12 1	4 27	10 47	0 15	21 48	0 39	9 30	2 39	1 9	0 46	14 15	1 46	20 12	14 57	1 56	1 31	13 2	3 46	5 0	S 27
M28	8s10	13s18	3n27	14s26	1n37	12n23	4n35	11n 3	0n16	21n48	0n39	9s29	2n40	1s 8	0n46	14n15	1s46	20n13	14n57	1n58	1n32	13s 1	3s44	5n 0	M28

Julian Day Number = 2348577.5, Delta T = 10.54 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'17, Lahiri = 19°55'18Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

MARCH 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 40	10♓ 6'29	25♒56	16♒26	21♈23	28♈46	24°R54	1°R22	4°R34	13♉35	13°R31	25°R 2	26♍ 6	15♒34	8♓36	T 1
W 2	10 37 37	11° 6'35	7♓48	16°42	21°57	29°28	24♋50	1♏20	4♎32	13°36	13♍30	25♍ 1	26° 3	15°40	8°40	W 2
T 3	10 41 33	12° 6'40	19°46	17° 4	22°29	0♉11	24°47	1°18	4°29	13°37	13°28	25°D 0	25°59	15°47	8°44	T 3
F 4	10 45 30	13° 6'42	1♈50	17°30	22°59	0°53	24°43	1°16	4°27	13°39	13°27	25° 0	25°56	15°54	8°48	F 4
S 5	10 49 26	14° 6'43	14° 2	18° 1	23°28	1°35	24°40	1°14	4°25	13°40	13°25	25° 1	25°53	16° 0	8°52	S 5
S 6	10 53 23	15° 6'41	26°26	18°37	23°56	2°17	24°37	1°11	4°22	13°41	13°23	25° 2	25°50	16° 7	8°56	S 6
M 7	10 57 19	16° 6'37	9♉ 2	19°17	24°22	2°59	24°35	1° 9	4°20	13°43	13°22	25° 3	25°47	16°14	9° 0	M 7
T 8	11 1 16	17° 6'32	21°54	20° 1	24°46	3°41	24°32	1° 6	4°17	13°44	13°20	25° 3	25°43	16°21	9° 4	T 8
W 9	11 5 12	18° 6'24	5♊ 4	20°48	25° 8	4°23	24°30	1° 4	4°15	13°46	13°19	25° 4	25°40	16°27	9° 7	W 9
T 10	11 9 9	19° 6'13	18°34	21°39	25°28	5° 5	24°27	1° 1	4°12	13°47	13°17	25°R 4	25°37	16°34	9°11	T 10
F 11	11 13 6	20° 6'01	2♋25	22°32	25°46	5°47	24°25	0°58	4°10	13°48	13°15	25° 4	25°34	16°41	9°15	F 11
S 12	11 17 2	21° 5'46	16°37	23°29	26° 3	6°29	24°24	0°55	4° 7	13°50	13°14	25° 4	25°31	16°47	9°19	S 12
S 13	11 20 59	22° 5'29	1♌ 9	24°29	26°17	7°10	24°22	0°52	4° 5	13°51	13°12	25° 3	25°28	16°54	9°23	S 13
M14	11 24 55	23° 5'10	15°56	25°31	26°29	7°52	24°20	0°49	4° 2	13°53	13°11	25° 3	25°24	17° 1	9°27	M14
T 15	11 28 52	24° 4'48	0♍53	26°36	26°39	8°34	24°19	0°46	4° 0	13°55	13° 9	25° 3	25°21	17° 7	9°31	T 15
W16	11 32 48	25° 4'24	15°51	27°43	26°46	9°16	24°18	0°43	3°57	13°56	13° 8	25° 3	25°18	17°14	9°34	W16
T 17	11 36 45	26° 3'58	0♎43	28°52	26°51	9°57	24°17	0°39	3°55	13°58	13° 6	25° 3	25°15	17°21	9°38	T 17
F 18	11 40 41	27° 3'30	15°20	0♓ 4	26°54	10°39	24°17	0°36	3°52	13°59	13° 4	25° 3	25°12	17°27	9°42	F 18
S 19	11 44 38	28° 3'00	29°38	1°17	26°R55	11°21	24°16	0°33	3°50	14° 1	13° 3	25° 3	25° 8	17°34	9°46	S 19
S 20	11 48 34	29° 2'29	13♏30	2°33	26°53	12° 2	24°16	0°29	3°47	14° 3	13° 1	25° 2	25° 5	17°41	9°50	S 20
M21	11 52 31	0♈ 1'55	26°57	3°50	26°48	12°44	24°D16	0°26	3°44	14° 5	13° 0	25° 2	25° 2	17°47	9°53	M21
T 22	11 56 28	1° 1'20	9♐58	5° 9	26°41	13°25	24°16	0°22	3°42	14° 6	12°58	25° 1	24°59	17°54	9°57	T 22
W23	12 0 24	2° 0'43	22°37	6°30	26°32	14° 7	24°16	0°18	3°39	14° 8	12°57	25° 1	24°56	18° 1	10° 1	W23
T 24	12 4 21	3° 0'04	4♑57	7°53	26°20	14°48	24°17	0°14	3°37	14°10	12°55	25°D 1	24°53	18° 7	10° 4	T 24
F 25	12 8 17	3°59'23	17° 2	9°17	26° 6	15°29	24°17	0°11	3°34	14°12	12°54	25° 1	24°49	18°14	10° 8	F 25
S 26	12 12 14	4°58'41	28°57	10°43	25°49	16°11	24°18	0° 7	3°31	14°13	12°52	25° 2	24°46	18°21	10°12	S 26
S 27	12 16 10	5°57'57	10♒47	12°10	25°30	16°52	24°19	0° 3	3°29	14°15	12°51	25° 3	24°43	18°27	10°15	S 27
M28	12 20 7	6°57'10	22°35	13°39	25° 8	17°33	24°20	29♎59	3°26	14°17	12°50	25° 4	24°40	18°34	10°19	M28
T 29	12 24 3	7°56'22	4♓27	15° 9	24°45	18°15	24°22	29°55	3°24	14°19	12°48	25° 5	24°37	18°41	10°23	T 29
W30	12 28 0	8°55'32	16°24	16°41	24°19	18°56	24°23	29°51	3°21	14°21	12°47	25° 6	24°34	18°47	10°26	W30
T 31	12 31 57	9♈54'40	28♓30	18♓15	23♈51	19♉37	24♋25	29♎47	3♎19	14♉23	12♍45	25°R 6	24♍30	18♒54	10♓30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s47	10s28	2n34	14s36	1n24	12n44	4n44	11n18	0n16	21n49	0n39	9s28	2n40	1s 7	0n46	14n16	1s46	20n14	14n57	1n58	1n33	13s 0	3s43	5n 0
W 2	7 25	7 12	1 34	14 44	1 10	13 5	4 53	11 34	0 17	21 50	0 39	9 27	2 40	1 6	0 46	14 16	1 45	20 14	14 57	1 59	1 35	12 58	3 41	5 0
T 3	7 2	3 37	0 29	14 50	0 57	13 25	5 1	11 50	0 18	21 50	0 39	9 26	2 40	1 5	0 46	14 16	1 45	20 15	14 57	1 59	1 36	12 57	3 40	5 0
F 4	6 39	0n 9	0s38	14 54	0 44	13 44	5 10	12 5	0 19	21 51	0 39	9 25	2 41	1 4	0 46	14 17	1 45	20 16	14 57	1 59	1 37	12 56	3 39	5 0
S 5	6 16	3 57	1 44	14 57	0 32	14 3	5 19	12 20	0 19	21 52	0 39	9 24	2 41	1 3	0 46	14 17	1 45	20 17	14 57	1 59	1 38	12 54	3 37	5 0
S 6	5 52	7 38	2 46	14 58	0 19	14 22	5 27	12 36	0 20	21 52	0 39	9 23	2 41	1 2	0 46	14 18	1 45	20 17	14 57	1 59	1 40	12 53	3 36	5 0
M 7	5 29	11 2	3 41	14 57	0 7	14 39	5 36	12 51	0 21	21 53	0 39	9 22	2 41	1 1	0 46	14 18	1 45	20 18	14 57	1 58	1 41	12 52	3 34	5 0
T 8	5 6	13 59	4 26	14 54	0s 4	14 56	5 44	13 6	0 21	21 53	0 39	9 21	2 41	1 0	0 46	14 19	1 45	20 19	14 57	1 58	1 42	12 50	3 33	5 0
W 9	4 43	16 17	4 59	14 49	0 15	15 12	5 53	13 21	0 22	21 54	0 39	9 20	2 42	1 0	0 46	14 19	1 45	20 19	14 57	1 58	1 43	12 49	3 31	5 0
T 10	4 19	17 44	5 16	14 43	0 26	15 27	6 1	13 35	0 23	21 54	0 39	9 19	2 42	0 59	0 46	14 20	1 45	20 20	14 57	1 58	1 45	12 48	3 30	5 0
F 11	3 56	18 12	5 15	14 35	0 36	15 42	6 9	13 50	0 23	21 54	0 39	9 18	2 42	0 58	0 46	14 20	1 45	20 20	14 57	1 58	1 46	12 46	3 29	5 0
S 12	3 32	17 33	4 56	14 26	0 46	15 55	6 17	14 5	0 24	21 55	0 39	9 17	2 42	0 57	0 46	14 21	1 45	20 21	14 57	1 58	1 47	12 45	3 27	5 0
S 13	3 9	15 45	4 17	14 15	0 55	16 8	6 25	14 19	0 25	21 55	0 39	9 15	2 42	0 56	0 46	14 21	1 45	20 22	14 57	1 58	1 48	12 44	3 26	5 0
M14	2 45	12 53	3 21	14 2	1 4	16 19	6 33	14 33	0 25	21 55	0 39	9 14	2 43	0 55	0 46	14 22	1 45	20 22	14 57	1 58	1 50	12 42	3 24	5 0
T 15	2 21	9 9	2 10	13 48	1 12	16 30	6 41	14 47	0 26	21 55	0 39	9 13	2 43	0 54	0 46	14 22	1 45	20 23	14 57	1 58	1 51	12 41	3 23	5 0
W16	1 58	4 48	0 51	13 33	1 20	16 40	6 48	15 1	0 27	21 56	0 39	9 12	2 43	0 52	0 46	14 23	1 45	20 23	14 57	1 58	1 52	12 40	3 21	5 0
T 17	1 34	0 12	0n31	13 15	1 28	16 48	6 55	15 15	0 27	21 56	0 39	9 10	2 43	0 51	0 46	14 23	1 45	20 24	14 57	1 58	1 53	12 38	3 20	5 0
F 18	1 10	4s21	1 50	12 57	1 35	16 56	7 2	15 29	0 28	21 56	0 39	9 9	2 43	0 50	0 46	14 24	1 45	20 25	14 57	1 58	1 55	12 37	3 18	5 0
S 19	0 47	8 32	3 1	12 37	1 42	17 2	7 8	15 42	0 28	21 56	0 39	9 8	2 43	0 49	0 46	14 24	1 45	20 25	14 57	1 58	1 56	12 36	3 17	5 0
S 20	0 23	12 8	3 58	12 16	1 48	17 7	7 14	15 56	0 29	21 56	0 39	9 6	2 44	0 48	0 46	14 25	1 45	20 26	14 57	1 58	1 57	12 34	3 16	5 0
M21	0n 1	14 57	4 40	11 53	1 54	17 10	7 20	16 9	0 30	21 56	0 39	9 5	2 44	0 47	0 46	14 25	1 45	20 26	14 57	1 59	1 59	12 33	3 14	5 0
T 22	0 24	16 55	5 7	11 29	1 59	17 13	7 25	16 22	0 30	21 56	0 39	9 3	2 44	0 46	0 46	14 26	1 44	20 27	14 57	1 59	2 0	12 32	3 13	5 0
W23	0 48	17 59	5 17	11 3	2 4	17 14	7 30	16 35	0 31	21 56	0 39	9 2	2 44	0 45	0 46	14 26	1 44	20 27	14 57	1 59	2 1	12 30	3 11	5 0
T 24	1 12	18 10	5 13	10 36	2 8	17 13	7 34	16 48	0 31	21 56	0 39	9 1	2 44	0 44	0 46	14 27	1 44	20 28	14 57	1 59	2 2	12 29	3 10	5 0
F 25	1 35	17 31	4 55	10 8	2 12	17 11	7 38	17 1	0 32	21 56	0 39	8 59	2 44	0 43	0 46	14 28	1 44	20 28	14 57	1 59	2 4	12 28	3 8	5 0
S 26	1 59	16 6	4 24	9 39	2 15	17 8	7 41	17 13	0 33	21 56	0 39	8 58	2 44	0 42	0 46	14 28	1 44	20 29	14 57	1 59	2 5	12 26	3 7	5 0
S 27	2 22	14 0	3 42	9 8	2 18	17 3	7 44	17 26	0 33	21 55	0 39	8 56	2 45	0 41	0 46	14 29	1 44	20 29	14 57	1 58	2 6	12 25	3 6	5 0
M28	2 46	11 19	2 51	8 36	2 21	16 57	7 46	17 38	0 34	21 55	0 39	8 55	2 45	0 40	0 46	14 29	1 44	20 30	14 56	1 58	2 7	12 24	3 4	5 1
T 29	3 9	8 9	1 52	8 3	2 23	16 49	7 47	17 50	0 34	21 55	0 39	8 53	2 45	0 39	0 46	14 30	1 44	20 30	14 56	1 57	2 9	12 22	3 3	5 1
W30	3 33	4 38	0 48	7 28	2 24	16 40	7 47	18 2	0 35	21 55	0 39	8 52	2 45	0 38	0 46	14 31	1 44	20 30	14 56	1 57	2 10	12 21	3 1	5 1
T 31	3n56	0s53	0s19	6s53	2s25	16n29	7n47	18n14	0n35	21n54	0n39	8s50	2n45	0s37	0n46	14n31	1s44	20n31	14n56	1n57	2n11	12s20	3s 0	5n 1

Julian Day Number = 2348605.5, Delta T = 10.54 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'21, Lahiri = 19°55'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

APRIL 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 35 53	10♈53'46	10♈47	19♓50	23°R21	20♉18	24♋27	29°R42	3°R16	14♉25	12°R44	25°R 5	24♍27	19♒ 1	10♓33	F 1
S 2	12 39 50	11°52'50	23°16	21°27	22♈50	20°59	24°29	29♎38	3♎13	14°27	12♍43	25♍ 4	24°24	19° 7	10°37	S 2
S 3	12 43 46	12°51'52	5♉58	23° 5	22°17	21°40	24°32	29°34	3°11	14°29	12°41	25° 2	24°21	19°14	10°40	S 3
M 4	12 47 43	13°50'52	18°53	24°44	21°42	22°21	24°34	29°30	3° 8	14°31	12°40	24°59	24°18	19°21	10°44	M 4
T 5	12 51 39	14°49'50	2♊ 3	26°25	21° 7	23° 2	24°37	29°25	3° 6	14°33	12°39	24°56	24°14	19°27	10°47	T 5
W 6	12 55 36	15°48'45	15°27	28° 7	20°30	23°43	24°40	29°21	3° 3	14°35	12°37	24°53	24°11	19°34	10°50	W 6
T 7	12 59 32	16°47'38	29° 4	29°51	19°53	24°24	24°43	29°17	3° 1	14°37	12°36	24°51	24° 8	19°41	10°54	T 7
F 8	13 3 29	17°46'29	12♋54	1♈37	19°16	25° 5	24°46	29°12	2°58	14°39	12°35	24°D51	24° 5	19°47	10°57	F 8
S 9	13 7 26	18°45'18	26°58	3°24	18°38	25°46	24°50	29° 8	2°56	14°41	12°34	24°51	24° 2	19°54	11° 0	S 9
S 10	13 11 22	19°44'04	11♌13	5°12	18° 0	26°27	24°53	29° 3	2°53	14°43	12°32	24°52	23°59	20° 1	11° 4	S 10
M11	13 15 19	20°42'48	25°37	7° 2	17°22	27° 8	24°57	28°59	2°51	14°45	12°31	24°53	23°55	20° 7	11° 7	M11
T 12	13 19 15	21°41'29	10♍ 8	8°54	16°45	27°48	25° 1	28°54	2°48	14°47	12°30	24°54	23°52	20°14	11°10	T 12
W13	13 23 12	22°40'09	24°41	10°47	16° 9	28°29	25° 5	28°50	2°46	14°49	12°29	24°R55	23°49	20°21	11°13	W13
T 14	13 27 8	23°38'46	9♎10	12°42	15°34	29°10	25° 9	28°45	2°44	14°51	12°28	24°54	23°46	20°27	11°16	T 14
F 15	13 31 5	24°37'21	23°31	14°38	15° 0	29°50	25°14	28°41	2°41	14°53	12°27	24°52	23°43	20°34	11°19	F 15
S 16	13 35 1	25°35'54	7♏37	16°36	14°27	0♊31	25°18	28°36	2°39	14°56	12°26	24°49	23°40	20°41	11°22	S 16
S 17	13 38 58	26°34'26	21°25	18°35	13°56	1°11	25°23	28°32	2°37	14°58	12°25	24°44	23°36	20°47	11°25	S 17
M18	13 42 54	27°32'55	4♐51	20°36	13°27	1°52	25°28	28°27	2°34	15° 0	12°24	24°39	23°33	20°54	11°28	M18
T 19	13 46 51	28°31'23	17°54	22°38	13° 0	2°33	25°33	28°22	2°32	15° 2	12°23	24°34	23°30	21° 1	11°31	T 19
W20	13 50 48	29°29'50	0♑36	24°42	12°35	3°13	25°38	28°18	2°30	15° 4	12°22	24°29	23°27	21° 7	11°34	W20
T 21	13 54 44	0♉28'14	12°59	26°47	12°12	3°53	25°44	28°13	2°28	15° 6	12°21	24°26	23°24	21°14	11°37	T 21
F 22	13 58 41	1°26'38	25° 6	28°53	11°51	4°34	25°49	28° 9	2°26	15° 9	12°20	24°25	23°20	21°21	11°40	F 22
S 23	14 2 37	2°24'59	7♒ 2	1♉ 0	11°33	5°14	25°55	28° 4	2°23	15°11	12°19	24°D25	23°17	21°27	11°43	S 23
S 24	14 6 34	3°23'19	18°52	3° 8	11°17	5°55	26° 1	28° 0	2°21	15°13	12°18	24°26	23°14	21°34	11°46	S 24
M25	14 10 30	4°21'37	0♓42	5°16	11° 3	6°35	26° 7	27°55	2°19	15°15	12°17	24°27	23°11	21°41	11°48	M25
T 26	14 14 27	5°19'54	12°35	7°25	10°52	7°15	26°13	27°51	2°17	15°18	12°16	24°29	23° 8	21°47	11°51	T 26
W27	14 18 23	6°18'09	24°37	9°35	10°43	7°55	26°20	27°46	2°15	15°20	12°15	24°R29	23° 5	21°54	11°54	W27
T 28	14 22 20	7°16'23	6♈51	11°44	10°37	8°36	26°26	27°42	2°13	15°22	12°15	24°28	23° 1	22° 1	11°56	T 28
F 29	14 26 17	8°14'35	19°20	13°53	10°34	9°16	26°33	27°37	2°11	15°24	12°14	24°26	22°58	22° 7	11°59	F 29
S 30	14 30 13	9♉12'45	2♉ 6	16♉ 2	10°D32	9♊56	26♋39	27♎33	2♎ 9	15♉26	12♍13	24♍21	22♍55	22♒14	12♓ 1	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	4n19	2n57	1s26	6s16	2s26	16n17	7n46	18n25	0n36	21n54	0n39	8s49	2n45	0s36	0n46	14n32	1s44	20n31	14n56	1n57	2n12	12s18	2s59	5n	1
S 2	4 42	6 44	2 30	5 38	2 26	16 3	7 44	18 37	0 37	21 53	0 39	8 47	2 45	0 35	0 46	14 32	1 44	20 32	14 56	1 58	2 14	12 17	2 57	5	1
S 3	5 5	10 16	3 27	4 58	2 25	15 48	7 41	18 48	0 37	21 53	0 39	8 45	2 45	0 34	0 46	14 33	1 44	20 32	14 55	1 59	2 15	12 15	2 56	5	1
M 4	5 28	13 22	4 15	4 18	2 24	15 32	7 37	18 59	0 38	21 53	0 39	8 44	2 45	0 33	0 46	14 34	1 44	20 32	14 55	2 0	2 16	12 14	2 54	5	1
T 5	5 51	15 51	4 51	3 37	2 23	15 14	7 33	19 10	0 38	21 52	0 39	8 42	2 45	0 32	0 46	14 34	1 44	20 33	14 55	2 1	2 17	12 13	2 53	5	1
W 6	6 14	17 31	5 11	2 54	2 21	14 55	7 27	19 21	0 39	21 52	0 39	8 41	2 45	0 31	0 46	14 35	1 44	20 33	14 55	2 2	2 19	12 11	2 52	5	1
T 7	6 37	18 14	5 14	2 10	2 18	14 35	7 21	19 32	0 39	21 51	0 39	8 39	2 46	0 30	0 46	14 35	1 44	20 33	14 55	2 3	2 20	12 10	2 50	5	1
F 8	6 59	17 52	5 0	1 26	2 16	14 14	7 14	19 42	0 40	21 50	0 39	8 37	2 46	0 29	0 46	14 36	1 44	20 34	14 54	2 3	2 21	12 9	2 49	5	2
S 9	7 21	16 25	4 27	0 40	2 12	13 52	7 6	19 53	0 40	21 50	0 39	8 36	2 46	0 28	0 46	14 37	1 44	20 34	14 54	2 3	2 22	12 7	2 48	5	2
S 10	7 44	13 57	3 38	0n 7	2 8	13 29	6 57	20 3	0 41	21 49	0 39	8 34	2 46	0 27	0 46	14 37	1 44	20 34	14 54	2 3	2 24	12 6	2 46	5	2
M11	8 6	10 35	2 34	0 54	2 4	13 6	6 48	20 13	0 41	21 48	0 39	8 33	2 46	0 26	0 46	14 38	1 44	20 34	14 54	2 2	2 25	12 4	2 45	5	2
T 12	8 28	6 32	1 20	1 43	1 59	12 42	6 38	20 22	0 42	21 48	0 39	8 31	2 46	0 25	0 46	14 39	1 44	20 35	14 54	2 2	2 26	12 3	2 44	5	2
W13	8 50	2 6	0 1	2 32	1 53	12 18	6 27	20 32	0 42	21 47	0 39	8 29	2 46	0 24	0 46	14 39	1 44	20 35	14 53	2 1	2 28	12 2	2 42	5	2
T 14	9 12	2s27	1n17	3 23	1 47	11 54	6 16	20 41	0 43	21 46	0 39	8 28	2 46	0 23	0 46	14 40	1 44	20 35	14 53	2 2	2 29	12 0	2 41	5	2
F 15	9 33	6 49	2 30	4 14	1 41	11 30	6 4	20 51	0 43	21 45	0 39	8 26	2 46	0 22	0 46	14 40	1 44	20 35	14 53	2 2	2 30	11 59	2 40	5	2
S 16	9 55	10 43	3 33	5 6	1 34	11 6	5 51	21 0	0 43	21 44	0 39	8 25	2 46	0 22	0 45	14 41	1 44	20 36	14 53	2 4	2 31	11 57	2 39	5	3
S 17	10 16	13 56	4 21	5 58	1 26	10 42	5 38	21 9	0 44	21 43	0 39	8 23	2 46	0 21	0 45	14 42	1 44	20 36	14 52	2 6	2 33	11 56	2 37	5	3
M18	10 37	16 19	4 54	6 51	1 18	10 18	5 25	21 17	0 44	21 43	0 39	8 21	2 46	0 20	0 45	14 42	1 44	20 36	14 52	2 8	2 34	11 55	2 36	5	3
T 19	10 58	17 47	5 10	7 44	1 10	9 55	5 11	21 26	0 45	21 42	0 39	8 20	2 46	0 19	0 45	14 43	1 44	20 36	14 52	2 10	2 35	11 53	2 35	5	3
W20	11 19	18 18	5 10	8 38	1 1	9 32	4 58	21 34	0 45	21 41	0 39	8 18	2 46	0 18	0 45	14 44	1 44	20 36	14 52	2 12	2 36	11 52	2 34	5	3
T 21	11 39	17 56	4 56	9 32	0 52	9 10	4 44	21 42	0 46	21 40	0 39	8 16	2 46	0 17	0 45	14 44	1 44	20 36	14 51	2 13	2 38	11 50	2 32	5	3
F 22	12 0	16 44	4 29	10 26	0 42	8 49	4 30	21 50	0 46	21 39	0 39	8 15	2 46	0 16	0 45	14 45	1 44	20 36	14 51	2 13	2 39	11 49	2 31	5	4
S 23	12 20	14 50	3 50	11 20	0 33	8 29	4 15	21 58	0 47	21 37	0 39	8 13	2 46	0 16	0 45	14 46	1 44	20 36	14 51	2 13	2 40	11 48	2 30	5	4
S 24	12 40	12 18	3 2	12 13	0 22	8 10	4 1	22 6	0 47	21 36	0 38	8 12	2 46	0 15	0 45	14 46	1 44	20 37	14 50	2 13	2 41	11 46	2 29	5	4
M25	13 0	9 17	2 6	13 7	0 12	7 51	3 47	22 13	0 47	21 35	0 38	8 10	2 46	0 14	0 45	14 47	1 44	20 37	14 50	2 12	2 43	11 45	2 27	5	4
T 26	13 19	5 51	1 4	13 59	0 1	7 34	3 33	22 20	0 48	21 34	0 38	8 9	2 46	0 13	0 45	14 48	1 44	20 37	14 50	2 12	2 44	11 43	2 26	5	4
W27	13 38	2 9	0s 1	14 51	0n 9	7 18	3 19	22 27	0 48	21 33	0 38	8 7	2 46	0 12	0 45	14 48	1 44	20 37	14 49	2 12	2 45	11 42	2 25	5	4
T 28	13 58	1n42	1 7	15 41	0 20	7 3	3 5	22 34	0 49	21 32	0 38	8 5	2 46	0 12	0 45	14 49	1 43	20 37	14 49	2 12	2 46	11 41	2 24	5	5
F 29	14 16	5 34	2 11	16 31	0 30	6 48	2 51	22 41	0 49	21 30	0 38	8 4	2 45	0 11	0 45	14 50	1 43	20 37	14 49	2 13	2 48	11 39	2 23	5	5
S 30	14n35	9n15	3s 9	17n19	0n41	6n35	2n38	22n47	0n49	21n29	0n38	8s 2	2n45	0s10	0n45	14n50	1s43	20n37	14n48	2n15	2n49	11s38	2s22	5n	5

Julian Day Number = 2348636.5, Delta T = 10.53 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'25, Lahiri = 19°55'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

MAY 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 10	10♉10'54	15♉10	18♉ 9	10♈33	10♊36	26♋46	27°R28	2°R 7	15♉29	12°R12	24°R14	22♍52	22♒21	12♓ 4	S 1
M 2	14 38 6	11° 9'01	28°29	20°16	10°36	11°16	26°53	27♎24	2♎ 6	15°31	12♍12	24♍ 7	22°49	22°27	12° 6	M 2
T 3	14 42 3	12° 7'06	12♊ 4	22°20	10°42	11°56	27° 0	27°19	2° 4	15°33	12°11	23°59	22°45	22°34	12° 8	T 3
W 4	14 45 59	13° 5'09	25°50	24°24	10°50	12°36	27° 8	27°15	2° 2	15°35	12°11	23°51	22°42	22°41	12°11	W 4
T 5	14 49 56	14° 3'11	9♋46	26°25	11° 0	13°16	27°15	27°11	2° 0	15°38	12°10	23°45	22°39	22°47	12°13	T 5
F 6	14 53 52	15° 1'11	23°48	28°24	11°12	13°56	27°23	27° 7	1°59	15°40	12° 9	23°41	22°36	22°54	12°15	F 6
S 7	14 57 49	15°59'09	7♌54	0♊20	11°26	14°36	27°30	27° 2	1°57	15°42	12° 9	23°39	22°33	23° 1	12°18	S 7
S 8	15 1 46	16°57'05	22° 3	2°14	11°42	15°16	27°38	26°58	1°55	15°45	12° 8	23°D39	22°30	23° 7	12°20	S 8
M 9	15 5 42	17°54'59	6♍12	4° 5	12° 0	15°56	27°46	26°54	1°54	15°47	12° 8	23°40	22°26	23°14	12°22	M 9
T 10	15 9 39	18°52'51	20°22	5°53	12°20	16°36	27°54	26°50	1°52	15°49	12° 7	23°R41	22°23	23°21	12°24	T 10
W11	15 13 35	19°50'42	4♎29	7°38	12°41	17°16	28° 2	26°46	1°51	15°51	12° 7	23°40	22°20	23°27	12°26	W11
T 12	15 17 32	20°48'30	18°32	9°20	13° 4	17°55	28°11	26°42	1°49	15°54	12° 7	23°38	22°17	23°34	12°28	T 12
F 13	15 21 28	21°46'17	2♏27	10°58	13°29	18°35	28°19	26°38	1°48	15°56	12° 6	23°33	22°14	23°41	12°30	F 13
S 14	15 25 25	22°44'03	16°12	12°33	13°56	19°15	28°28	26°34	1°47	15°58	12° 6	23°26	22°11	23°47	12°31	S 14
S 15	15 29 21	23°41'47	29°43	14° 5	14°24	19°54	28°36	26°30	1°45	16° 0	12° 6	23°16	22° 7	23°54	12°33	S 15
M16	15 33 18	24°39'30	12♐58	15°34	14°54	20°34	28°45	26°27	1°44	16° 2	12° 6	23° 6	22° 4	24° 1	12°35	M16
T 17	15 37 15	25°37'12	25°54	16°58	15°25	21°14	28°54	26°23	1°43	16° 5	12° 5	22°56	22° 1	24° 7	12°37	T 17
W18	15 41 11	26°34'53	8♑32	18°20	15°58	21°53	29° 3	26°19	1°42	16° 7	12° 5	22°46	21°58	24°14	12°38	W18
T 19	15 45 8	27°32'32	20°53	19°37	16°32	22°33	29°12	26°16	1°41	16° 9	12° 5	22°39	21°55	24°21	12°40	T 19
F 20	15 49 4	28°30'10	2♒59	20°52	17° 7	23°12	29°21	26°12	1°40	16°11	12° 5	22°33	21°51	24°27	12°42	F 20
S 21	15 53 1	29°27'48	14°56	22° 2	17°43	23°52	29°30	26° 9	1°39	16°14	12° 5	22°30	21°48	24°34	12°43	S 21
S 22	15 56 57	0♊25'24	26°46	23° 9	18°21	24°32	29°40	26° 5	1°38	16°16	12° 5	22°D29	21°45	24°41	12°44	S 22
M23	16 0 54	1°22'59	8♓35	24°12	19° 0	25°11	29°49	26° 2	1°37	16°18	12° 5	22°29	21°42	24°47	12°46	M23
T 24	16 4 50	2°20'33	20°30	25°11	19°40	25°50	29°59	25°59	1°36	16°20	12°D 5	22°R30	21°39	24°54	12°47	T 24
W25	16 8 47	3°18'07	2♈34	26° 6	20°20	26°30	0♌ 9	25°56	1°35	16°22	12° 5	22°29	21°36	25° 1	12°48	W25
T 26	16 12 44	4°15'39	14°53	26°57	21° 2	27° 9	0°18	25°53	1°34	16°25	12° 5	22°27	21°32	25° 7	12°50	T 26
F 27	16 16 40	5°13'11	27°31	27°44	21°45	27°49	0°28	25°50	1°34	16°27	12° 5	22°23	21°29	25°14	12°51	F 27
S 28	16 20 37	6°10'42	10♉30	28°27	22°29	28°28	0°38	25°47	1°33	16°29	12° 5	22°16	21°26	25°21	12°52	S 28
S 29	16 24 33	7° 8'12	23°51	29° 6	23°14	29° 7	0°48	25°44	1°32	16°31	12° 5	22° 6	21°23	25°27	12°53	S 29
M30	16 28 30	8° 5'41	7♊33	29°40	24° 0	29°47	0°58	25°41	1°32	16°33	12° 5	21°55	21°20	25°34	12°54	M30
T 31	16 32 26	9♊ 3'09	21♊33	0♋10	24♈46	0♋26	1♌ 9	25♎38	1♎31	16♉35	12♍ 5	21♍44	21♍17	25♒41	12♓55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n54	12n35	3s59	18n 5	0n51	6n24	2n24	22n53	0n50	21n28	0n38	8s 1	2n45	0s 9	0n45	14n51	1s43	20n37	14n48	2n17	2n50	11s36	2s21	5n 5
M 2	15 12	15 20	4 38	18 49	1 1	6 13	2 11	22 59	0 50	21 26	0 38	7 59	2 45	0 9	0 45	14 52	1 43	20 37	14 48	2 20	2 51	11 35	2 20	5 5
T 3	15 30	17 18	5 1	19 32	1 11	6 3	1 58	23 5	0 51	21 25	0 38	7 58	2 45	0 8	0 45	14 52	1 43	20 37	14 47	2 24	2 53	11 34	2 18	5 5
W 4	15 47	18 17	5 7	20 12	1 20	5 55	1 46	23 11	0 51	21 23	0 38	7 56	2 45	0 7	0 45	14 53	1 43	20 36	14 47	2 27	2 54	11 32	2 17	5 6
T 5	16 5	18 12	4 56	20 50	1 29	5 47	1 33	23 16	0 51	21 22	0 38	7 55	2 45	0 7	0 45	14 54	1 43	20 36	14 47	2 29	2 55	11 31	2 16	5 6
F 6	16 22	17 0	4 26	21 25	1 38	5 41	1 21	23 22	0 52	21 20	0 38	7 54	2 45	0 6	0 45	14 54	1 43	20 36	14 46	2 31	2 56	11 29	2 15	5 6
S 7	16 39	14 46	3 41	21 58	1 45	5 36	1 10	23 27	0 52	21 19	0 38	7 52	2 45	0 5	0 45	14 55	1 43	20 36	14 46	2 31	2 58	11 28	2 14	5 6
S 8	16 55	11 38	2 42	22 28	1 52	5 32	0 58	23 31	0 52	21 17	0 38	7 51	2 45	0 5	0 45	14 56	1 43	20 36	14 46	2 31	2 59	11 26	2 13	5 6
M 9	17 12	7 49	1 33	22 56	1 59	5 28	0 47	23 36	0 53	21 16	0 38	7 49	2 45	0 4	0 45	14 56	1 43	20 36	14 45	2 31	3 0	11 25	2 12	5 7
T 10	17 28	3 33	0 18	23 22	2 4	5 26	0 37	23 41	0 53	21 14	0 38	7 48	2 44	0 4	0 45	14 57	1 43	20 36	14 45	2 31	3 1	11 23	2 11	5 7
W11	17 43	0s54	0n58	23 44	2 9	5 25	0 26	23 45	0 53	21 12	0 38	7 47	2 44	0 3	0 45	14 57	1 43	20 35	14 45	2 31	3 3	11 22	2 10	5 7
T 12	17 59	5 17	2 9	24 5	2 14	5 25	0 16	23 49	0 54	21 11	0 38	7 45	2 44	0 3	0 45	14 58	1 43	20 35	14 44	2 32	3 4	11 21	2 9	5 7
F 13	18 14	9 20	3 12	24 23	2 17	5 26	0 6	23 53	0 54	21 9	0 38	7 44	2 44	0 2	0 45	14 59	1 43	20 35	14 44	2 34	3 5	11 19	2 9	5 8
S 14	18 29	12 50	4 3	24 38	2 19	5 27	0s 3	23 56	0 54	21 7	0 38	7 43	2 44	0 2	0 45	14 59	1 43	20 35	14 43	2 37	3 7	11 18	2 8	5 8
S 15	18 43	15 34	4 39	24 51	2 21	5 30	0 13	24 0	0 55	21 6	0 38	7 42	2 44	0 1	0 45	15 0	1 43	20 35	14 43	2 40	3 8	11 16	2 7	5 8
M16	18 58	17 26	4 59	25 2	2 22	5 33	0 22	24 3	0 55	21 4	0 38	7 40	2 44	0 1	0 45	15 1	1 43	20 34	14 43	2 45	3 9	11 15	2 6	5 8
T 17	19 12	18 21	5 4	25 11	2 22	5 37	0 30	24 6	0 55	21 2	0 38	7 39	2 43	0 0	0 45	15 1	1 43	20 34	14 42	2 49	3 10	11 13	2 5	5 8
W18	19 25	18 20	4 53	25 18	2 21	5 42	0 39	24 9	0 56	21 0	0 38	7 38	2 43	0n 0	0 45	15 2	1 43	20 34	14 42	2 52	3 12	11 12	2 4	5 9
T 19	19 38	17 26	4 28	25 23	2 19	5 47	0 47	24 12	0 56	20 58	0 38	7 37	2 43	0 1	0 44	15 3	1 43	20 34	14 42	2 55	3 13	11 10	2 3	5 9
F 20	19 51	15 45	3 52	25 25	2 16	5 54	0 54	24 14	0 56	20 56	0 38	7 36	2 43	0 1	0 44	15 3	1 43	20 33	14 41	2 57	3 14	11 9	2 3	5 9
S 21	20 4	13 25	3 6	25 27	2 13	6 1	1 2	24 16	0 57	20 54	0 38	7 35	2 43	0 1	0 44	15 4	1 43	20 33	14 41	2 59	3 15	11 8	2 2	5 9
S 22	20 16	10 32	2 13	25 26	2 8	6 8	1 9	24 18	0 57	20 52	0 38	7 34	2 43	0 2	0 44	15 4	1 44	20 33	14 40	2 59	3 17	11 6	2 1	5 10
M23	20 28	7 13	1 13	25 24	2 3	6 17	1 16	24 20	0 57	20 50	0 38	7 33	2 42	0 2	0 44	15 5	1 44	20 32	14 40	2 59	3 18	11 5	2 0	5 10
T 24	20 40	3 36	0 11	25 20	1 57	6 26	1 23	24 22	0 57	20 48	0 38	7 32	2 42	0 2	0 44	15 6	1 44	20 32	14 40	2 59	3 19	11 3	2 0	5 10
W25	20 51	0n12	0s53	25 15	1 50	6 35	1 29	24 23	0 58	20 46	0 38	7 31	2 42	0 3	0 44	15 6	1 44	20 32	14 39	2 59	3 20	11 2	1 59	5 10
T 26	21 2	4 5	1 56	25 8	1 42	6 45	1 35	24 25	0 58	20 44	0 38	7 30	2 42	0 3	0 44	15 7	1 44	20 31	14 39	3 0	3 22	11 0	1 58	5 11
F 27	21 12	7 53	2 55	25 0	1 33	6 56	1 41	24 26	0 58	20 42	0 38	7 29	2 42	0 3	0 44	15 7	1 44	20 31	14 38	3 2	3 23	10 59	1 58	5 11
S 28	21 22	11 25	3 46	24 51	1 24	7 7	1 47	24 26	0 59	20 40	0 38	7 28	2 41	0 3	0 44	15 8	1 44	20 30	14 38	3 4	3 24	10 57	1 57	5 11
S 29	21 32	14 28	4 26	24 41	1 13	7 18	1 52	24 27	0 59	20 38	0 38	7 27	2 41	0 4	0 44	15 9	1 44	20 30	14 38	3 8	3 25	10 56	1 56	5 11
M30	21 41	16 48	4 52	24 30	1 2	7 30	1 57	24 27	0 59	20 35	0 38	7 26	2 41	0 4	0 44	15 9	1 44	20 29	14 37	3 12	3 27	10 54	1 56	5 12
T 31	21n50	18n11	5s 1	24n18	0n50	7n43	2s 2	24n28	0n59	20n33	0n38	7s26	2n41	0n 4	0n44	15n10	1s44	20n29	14n37	3n17	3n28	10s53	1s55	5n12

Julian Day Number = 2348666.5, Delta T = 10.53 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'29, Lahiri = 19°55'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

JUNE 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 36 23	10♊ 0'36	5♋46	0♋36	25♈33	1♋ 5	1♌19	25°R36	1°R31	16♉37	12♍ 6	21°R33	21♍13	25♒47	12♓56	W 1
T 2	16 40 19	10°58'02	20° 6	0°57	26°21	1°44	1°29	25♎33	1♎30	16°39	12° 6	21♍24	21°10	25°54	12°57	T 2
F 3	16 44 16	11°55'27	4♌28	1°13	27°10	2°24	1°40	25°31	1°30	16°42	12° 6	21°18	21° 7	26° 1	12°57	F 3
S 4	16 48 13	12°52'51	18°48	1°25	27°59	3° 3	1°51	25°28	1°30	16°44	12° 7	21°14	21° 4	26° 7	12°58	S 4
S 5	16 52 9	13°50'14	3♍ 3	1°32	28°49	3°42	2° 1	25°26	1°29	16°46	12° 7	21°12	21° 1	26°14	12°59	S 5
M 6	16 56 6	14°47'35	17° 9	1°R35	29°40	4°21	2°12	25°24	1°29	16°48	12° 7	21°12	20°57	26°21	12°59	M 6
T 7	17 0 2	15°44'56	1♎ 8	1°33	0♉32	5° 0	2°23	25°22	1°29	16°50	12° 8	21°12	20°54	26°27	13° 0	T 7
W 8	17 3 59	16°42'15	14°58	1°27	1°24	5°39	2°34	25°20	1°29	16°52	12° 8	21°11	20°51	26°34	13° 1	W 8
T 9	17 7 55	17°39'34	28°38	1°17	2°16	6°18	2°45	25°18	1°D29	16°54	12° 9	21° 7	20°48	26°40	13° 1	T 9
F 10	17 11 52	18°36'51	12♏10	1° 2	3° 9	6°57	2°56	25°16	1°29	16°56	12° 9	21° 1	20°45	26°47	13° 1	F 10
S 11	17 15 48	19°34'08	25°31	0°43	4° 3	7°36	3° 7	25°14	1°29	16°58	12°10	20°52	20°42	26°54	13° 2	S 11
S 12	17 19 45	20°31'24	8♐40	0°21	4°57	8°15	3°18	25°13	1°29	17° 0	12°10	20°40	20°38	27° 0	13° 2	S 12
M13	17 23 42	21°28'39	21°36	29♊56	5°52	8°54	3°29	25°11	1°29	17° 2	12°11	20°28	20°35	27° 7	13° 2	M13
T 14	17 27 38	22°25'54	4♑18	29°28	6°47	9°33	3°41	25°10	1°30	17° 4	12°12	20°15	20°32	27°14	13° 2	T 14
W15	17 31 35	23°23'09	16°45	28°57	7°43	10°12	3°52	25° 8	1°30	17° 5	12°12	20° 3	20°29	27°20	13° 2	W15
T 16	17 35 31	24°20'23	28°59	28°25	8°39	10°51	4° 4	25° 7	1°30	17° 7	12°13	19°53	20°26	27°27	13°R 2	T 16
F 17	17 39 28	25°17'36	11♒ 2	27°51	9°36	11°30	4°15	25° 6	1°31	17° 9	12°14	19°46	20°23	27°34	13° 2	F 17
S 18	17 43 24	26°14'50	22°56	27°17	10°33	12° 9	4°27	25° 5	1°31	17°11	12°15	19°41	20°19	27°40	13° 2	S 18
S 19	17 47 21	27°12'03	4♓44	26°42	11°31	12°48	4°38	25° 4	1°32	17°13	12°15	19°39	20°16	27°47	13° 2	S 19
M20	17 51 17	28° 9'16	16°33	26° 7	12°28	13°27	4°50	25° 3	1°32	17°15	12°16	19°D38	20°13	27°54	13° 2	M20
T 21	17 55 14	29° 6'29	28°27	25°34	13°27	14° 5	5° 2	25° 2	1°33	17°17	12°17	19°R38	20°10	28° 0	13° 2	T 21
W22	17 59 11	0♋ 3'42	10♈31	25° 2	14°25	14°44	5°14	25° 1	1°33	17°18	12°18	19°38	20° 7	28° 7	13° 2	W22
T 23	18 3 7	1° 0'55	22°51	24°33	15°25	15°23	5°26	25° 1	1°34	17°20	12°19	19°36	20° 3	28°14	13° 1	T 23
F 24	18 7 4	1°58'08	5♉32	24° 6	16°24	16° 2	5°38	25° 0	1°35	17°22	12°20	19°32	20° 0	28°20	13° 1	F 24
S 25	18 11 0	2°55'21	18°36	23°42	17°24	16°40	5°50	25° 0	1°36	17°24	12°21	19°26	19°57	28°27	13° 0	S 25
S 26	18 14 57	3°52'34	2♊ 7	23°22	18°24	17°19	6° 2	24°59	1°37	17°25	12°22	19°17	19°54	28°34	13° 0	S 26
M27	18 18 53	4°49'47	16° 3	23° 5	19°24	17°58	6°14	24°59	1°37	17°27	12°23	19° 7	19°51	28°40	12°59	M27
T 28	18 22 50	5°47'00	0♋22	22°53	20°25	18°37	6°26	24°59	1°38	17°29	12°24	18°56	19°48	28°47	12°59	T 28
W29	18 26 46	6°44'13	14°57	22°45	21°26	19°15	6°38	24°D59	1°39	17°30	12°25	18°46	19°44	28°54	12°58	W29
T 30	18 30 43	7♋41'27	29♋42	22°D42	22♉27	19♋54	6♌50	24♎59	1♎40	17♉32	12♍26	18♍37	19♍41	29♒ 0	12♓57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n59	18n29	4s52	24n 5	0n37	7n56	2s 7	24n28	1n 0	20n31	0n38	7s25	2n41	0n 4	0n44	15n10	1s44	20n29	14n36	3n21	3n29	10s51	1s54	5n12
T 2	22 7	17 36	4 25	23 52	0 23	8 9	2 11	24 27	1 0	20 29	0 38	7 24	2 40	0 4	0 44	15 11	1 44	20 28	14 36	3 25	3 30	10 50	1 54	5 12
F 3	22 15	15 36	3 41	23 37	0 9	8 22	2 15	24 27	1 0	20 26	0 38	7 23	2 40	0 4	0 44	15 12	1 44	20 28	14 36	3 27	3 32	10 48	1 53	5 13
S 4	22 23	12 38	2 43	23 22	0s 6	8 36	2 19	24 27	1 0	20 24	0 38	7 23	2 40	0 4	0 44	15 12	1 44	20 27	14 35	3 29	3 33	10 47	1 53	5 13
S 5	22 30	8 56	1 35	23 7	0 21	8 51	2 23	24 26	1 1	20 22	0 38	7 22	2 40	0 5	0 44	15 13	1 44	20 27	14 35	3 29	3 34	10 45	1 52	5 13
M 6	22 36	4 45	0 21	22 51	0 37	9 5	2 27	24 25	1 1	20 19	0 38	7 22	2 40	0 5	0 44	15 13	1 44	20 26	14 34	3 30	3 35	10 44	1 52	5 13
T 7	22 43	0 21	0n52	22 34	0 54	9 20	2 30	24 24	1 1	20 17	0 38	7 21	2 39	0 5	0 44	15 14	1 44	20 26	14 34	3 30	3 37	10 42	1 52	5 14
W 8	22 48	4s 1	2 2	22 18	1 10	9 35	2 33	24 22	1 1	20 14	0 38	7 21	2 39	0 5	0 44	15 14	1 44	20 25	14 34	3 30	3 38	10 41	1 51	5 14
T 9	22 54	8 8	3 4	22 1	1 27	9 50	2 36	24 21	1 1	20 12	0 38	7 20	2 39	0 5	0 44	15 15	1 44	20 24	14 33	3 32	3 39	10 39	1 51	5 14
F 10	22 59	11 47	3 55	21 44	1 44	10 6	2 39	24 19	1 2	20 9	0 38	7 20	2 39	0 5	0 44	15 15	1 44	20 24	14 33	3 34	3 40	10 38	1 50	5 14
S 11	23 4	14 46	4 32	21 27	2 1	10 21	2 41	24 17	1 2	20 7	0 38	7 19	2 38	0 4	0 44	15 16	1 44	20 23	14 32	3 38	3 42	10 37	1 50	5 15
S 12	23 8	16 56	4 54	21 11	2 18	10 37	2 44	24 15	1 2	20 4	0 38	7 19	2 38	0 4	0 43	15 16	1 44	20 23	14 32	3 42	3 43	10 35	1 50	5 15
M13	23 12	18 13	5 0	20 54	2 34	10 53	2 46	24 13	1 2	20 1	0 38	7 19	2 38	0 4	0 43	15 17	1 44	20 22	14 32	3 47	3 44	10 34	1 49	5 15
T 14	23 15	18 33	4 52	20 38	2 50	11 9	2 48	24 10	1 3	19 59	0 38	7 18	2 38	0 4	0 43	15 17	1 44	20 22	14 31	3 52	3 45	10 32	1 49	5 15
W15	23 18	17 58	4 29	20 23	3 5	11 26	2 50	24 7	1 3	19 56	0 38	7 18	2 37	0 4	0 43	15 18	1 44	20 21	14 31	3 57	3 47	10 30	1 49	5 15
T 16	23 21	16 34	3 54	20 8	3 20	11 42	2 51	24 4	1 3	19 53	0 38	7 18	2 37	0 4	0 43	15 18	1 44	20 20	14 31	4 1	3 48	10 29	1 49	5 16
F 17	23 23	14 27	3 9	19 54	3 34	11 58	2 53	24 1	1 3	19 51	0 38	7 18	2 37	0 4	0 43	15 19	1 44	20 20	14 30	4 4	3 49	10 27	1 48	5 16
S 18	23 25	11 45	2 17	19 40	3 46	12 15	2 54	23 58	1 3	19 48	0 38	7 17	2 37	0 3	0 43	15 19	1 44	20 19	14 30	4 5	3 50	10 26	1 48	5 16
S 19	23 27	8 34	1 18	19 28	3 58	12 31	2 55	23 55	1 3	19 45	0 38	7 17	2 36	0 3	0 43	15 20	1 44	20 18	14 29	4 6	3 52	10 24	1 48	5 16
M20	23 28	5 4	0 16	19 17	4 8	12 48	2 56	23 51	1 4	19 42	0 38	7 17	2 36	0 3	0 43	15 20	1 44	20 18	14 29	4 7	3 53	10 23	1 48	5 17
T 21	23 28	1 20	0s47	19 7	4 17	13 5	2 57	23 47	1 4	19 39	0 38	7 17	2 36	0 3	0 43	15 21	1 44	20 17	14 29	4 7	3 54	10 21	1 48	5 17
W22	23 28	2n30	1 48	18 59	4 24	13 21	2 58	23 43	1 4	19 37	0 38	7 17	2 36	0 2	0 43	15 21	1 44	20 16	14 28	4 7	3 55	10 20	1 48	5 17
T 23	23 28	6 19	2 47	18 52	4 30	13 38	2 59	23 39	1 4	19 34	0 39	7 17	2 35	0 2	0 43	15 22	1 44	20 16	14 28	4 7	3 57	10 18	1 47	5 17
F 24	23 28	9 57	3 38	18 47	4 34	13 54	2 59	23 34	1 4	19 31	0 39	7 17	2 35	0 2	0 43	15 22	1 44	20 15	14 28	4 9	3 58	10 17	1 47	5 18
S 25	23 26	13 13	4 20	18 43	4 37	14 11	2 59	23 30	1 5	19 28	0 39	7 17	2 35	0 1	0 43	15 23	1 44	20 14	14 27	4 11	3 59	10 15	1 47	5 18
S 26	23 25	15 54	4 49	18 40	4 39	14 27	2 59	23 25	1 5	19 25	0 39	7 17	2 35	0 1	0 43	15 23	1 44	20 14	14 27	4 15	4 0	10 14	1 47	5 18
M27	23 23	17 44	5 2	18 39	4 38	14 44	2 59	23 20	1 5	19 22	0 39	7 18	2 34	0 0	0 43	15 24	1 44	20 13	14 26	4 19	4 2	10 12	1 47	5 18
T 28	23 21	18 32	4 56	18 40	4 37	15 0	2 59	23 15	1 5	19 19	0 39	7 18	2 34	0 0	0 43	15 24	1 45	20 12	14 26	4 23	4 3	10 11	1 47	5 19
W29	23 18	18 8	4 32	18 43	4 34	15 16	2 59	23 10	1 5	19 16	0 39	7 18	2 34	0s 0	0 43	15 24	1 45	20 11	14 26	4 27	4 4	10 9	1 47	5 19
T 30	23n15	16n31	3s49	18n47	4s30	15n32	2s59	23n 4	1n 5	19n13	0n39	7s18	2n33	0s 1	0n43	15n25	1s45	20n11	14n25	4n30	4n 5	10s 8	1s47	5n19

Julian Day Number = 2348697.5, Delta T = 10.53 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'34, Lahiri = 19°55'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

JULY 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 34 40	8♋38'39	14♌28	22♊43	23♉29	20♋33	7♌ 3	24♎59	1♎42	17♉33	12♍27	18°R31	19♍38	29♒ 7	12°R56	F 1
S 2	18 38 36	9°35'52	29° 9	22°50	24°31	21°11	7°15	25° 0	1°43	17°35	12°28	18♍28	19°35	29°14	12♓56	S 2
S 3	18 42 33	10°33'05	13♍38	23° 2	25°33	21°50	7°28	25° 0	1°44	17°36	12°30	18°D27	19°32	29°20	12°55	S 3
M 4	18 46 29	11°30'17	27°53	23°19	26°35	22°28	7°40	25° 1	1°45	17°38	12°31	18°27	19°29	29°27	12°54	M 4
T 5	18 50 26	12°27'29	11♎52	23°40	27°38	23° 7	7°52	25° 1	1°47	17°39	12°32	18°R27	19°25	29°34	12°53	T 5
W 6	18 54 22	13°24'41	25°35	24° 8	28°41	23°46	8° 5	25° 2	1°48	17°41	12°33	18°26	19°22	29°40	12°52	W 6
T 7	18 58 19	14°21'52	9♏ 3	24°40	29°44	24°24	8°17	25° 3	1°49	17°42	12°35	18°24	19°19	29°47	12°51	T 7
F 8	19 2 15	15°19'04	22°17	25°17	0♊47	25° 3	8°30	25° 4	1°51	17°44	12°36	18°19	19°16	29°54	12°49	F 8
S 9	19 6 12	16°16'16	5♐18	25°59	1°51	25°41	8°43	25° 5	1°52	17°45	12°37	18°12	19°13	0♓ 0	12°48	S 9
S 10	19 10 9	17°13'28	18° 7	26°47	2°55	26°20	8°55	25° 6	1°54	17°46	12°39	18° 3	19° 9	0° 7	12°47	S 10
M11	19 14 5	18°10'40	0♑43	27°39	3°59	26°58	9° 8	25° 7	1°56	17°48	12°40	17°52	19° 6	0°13	12°46	M11
T 12	19 18 2	19° 7'53	13° 9	28°36	5° 3	27°37	9°21	25° 8	1°57	17°49	12°41	17°42	19° 3	0°20	12°44	T 12
W13	19 21 58	20° 5'05	25°23	29°39	6° 8	28°15	9°33	25° 9	1°59	17°50	12°43	17°32	19° 0	0°27	12°43	W13
T 14	19 25 55	21° 2'18	7♒28	0♋46	7°12	28°54	9°46	25°11	2° 1	17°52	12°44	17°24	18°57	0°33	12°41	T 14
F 15	19 29 51	21°59'32	19°24	1°57	8°17	29°32	9°59	25°12	2° 3	17°53	12°46	17°18	18°54	0°40	12°40	F 15
S 16	19 33 48	22°56'46	1♓14	3°14	9°22	0♌11	10°12	25°14	2° 4	17°54	12°47	17°14	18°50	0°47	12°38	S 16
S 17	19 37 45	23°54'01	13° 1	4°34	10°27	0°49	10°25	25°16	2° 6	17°55	12°49	17°D13	18°47	0°53	12°37	S 17
M18	19 41 41	24°51'17	24°49	6° 0	11°33	1°27	10°38	25°18	2° 8	17°56	12°50	17°13	18°44	1° 0	12°35	M18
T 19	19 45 38	25°48'33	6♈43	7°29	12°38	2° 6	10°51	25°20	2°10	17°57	12°52	17°14	18°41	1° 7	12°33	T 19
W20	19 49 34	26°45'50	18°46	9° 3	13°44	2°44	11° 3	25°22	2°12	17°58	12°54	17°15	18°38	1°13	12°31	W20
T 21	19 53 31	27°43'08	1♉ 5	10°41	14°50	3°23	11°16	25°24	2°14	17°59	12°55	17°R15	18°34	1°20	12°30	T 21
F 22	19 57 27	28°40'27	13°44	12°22	15°56	4° 1	11°29	25°26	2°16	18° 0	12°57	17°14	18°31	1°27	12°28	F 22
S 23	20 1 24	29°37'47	26°48	14° 8	17° 3	4°39	11°42	25°28	2°19	18° 1	12°58	17°11	18°28	1°33	12°26	S 23
S 24	20 5 20	0♌35'09	10♊19	15°56	18° 9	5°18	11°55	25°31	2°21	18° 2	13° 0	17° 6	18°25	1°40	12°24	S 24
M25	20 9 17	1°32'31	24°18	17°48	19°16	5°56	12° 8	25°33	2°23	18° 3	13° 2	17° 0	18°22	1°47	12°22	M25
T 26	20 13 14	2°29'54	8♋43	19°42	20°23	6°34	12°22	25°36	2°25	18° 4	13° 4	16°53	18°19	1°53	12°20	T 26
W27	20 17 10	3°27'18	23°30	21°39	21°30	7°13	12°35	25°38	2°28	18° 5	13° 5	16°47	18°15	2° 0	12°18	W27
T 28	20 21 7	4°24'43	8♌30	23°38	22°37	7°51	12°48	25°41	2°30	18° 6	13° 7	16°41	18°12	2° 7	12°16	T 28
F 29	20 25 3	5°22'08	23°35	25°39	23°44	8°29	13° 1	25°44	2°33	18° 7	13° 9	16°38	18° 9	2°13	12°14	F 29
S 30	20 29 0	6°19'35	8♍35	27°41	24°52	9° 8	13°14	25°47	2°35	18° 7	13°11	16°36	18° 6	2°20	12°12	S 30
S 31	20 32 56	7♌17'02	23♍23	29♋45	25♊59	9♌46	13♌27	25♎50	2♎37	18♉ 8	13♍12	16°D36	18♍ 3	2♓27	12♓ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n11	13n48	2s50	18n52	4s25	15n48	2s58	22n59	1n 5	19n10	0n39	7s19	2n33	0s 1	0n43	15n25	1s45	20n10	14n25	4n33	4n 7	10s 6	1s48	5n19
S 2	23 8	10 13	1 41	18 59	4 18	16 3	2 57	22 53	1 6	19 7	0 39	7 19	2 33	0 2	0 43	15 26	1 45	20 9	14 25	4 34	4 8	10 5	1 48	5 20
S 3	23 3	6 3	0 26	19 7	4 11	16 19	2 57	22 47	1 6	19 3	0 39	7 19	2 33	0 2	0 43	15 26	1 45	20 8	14 24	4 35	4 9	10 3	1 48	5 20
M 4	22 58	1 37	0n50	19 16	4 3	16 34	2 56	22 41	1 6	19 0	0 39	7 20	2 32	0 3	0 43	15 26	1 45	20 7	14 24	4 35	4 10	10 2	1 48	5 20
T 5	22 53	2s50	2 1	19 26	3 53	16 49	2 55	22 35	1 6	18 57	0 39	7 20	2 32	0 3	0 43	15 27	1 45	20 7	14 24	4 34	4 12	10 0	1 48	5 20
W 6	22 48	7 2	3 4	19 38	3 43	17 4	2 54	22 28	1 6	18 54	0 39	7 21	2 32	0 4	0 42	15 27	1 45	20 6	14 23	4 35	4 13	9 59	1 48	5 20
T 7	22 42	10 48	3 56	19 50	3 32	17 19	2 53	22 21	1 6	18 51	0 39	7 21	2 32	0 5	0 42	15 27	1 45	20 5	14 23	4 36	4 14	9 57	1 49	5 21
F 8	22 36	13 57	4 34	20 2	3 21	17 33	2 51	22 15	1 6	18 47	0 39	7 22	2 31	0 5	0 42	15 28	1 45	20 4	14 23	4 38	4 15	9 55	1 49	5 21
S 9	22 29	16 21	4 57	20 16	3 9	17 47	2 50	22 8	1 7	18 44	0 39	7 23	2 31	0 6	0 42	15 28	1 45	20 3	14 22	4 40	4 17	9 54	1 49	5 21
S 10	22 22	17 53	5 4	20 30	2 57	18 1	2 48	22 0	1 7	18 41	0 39	7 23	2 31	0 7	0 42	15 28	1 45	20 3	14 22	4 44	4 18	9 52	1 49	5 21
M11	22 14	18 32	4 57	20 44	2 44	18 15	2 47	21 53	1 7	18 38	0 39	7 24	2 30	0 7	0 42	15 29	1 45	20 2	14 22	4 48	4 19	9 51	1 50	5 22
T 12	22 6	18 15	4 35	20 58	2 30	18 28	2 45	21 46	1 7	18 34	0 39	7 25	2 30	0 8	0 42	15 29	1 45	20 1	14 22	4 52	4 20	9 49	1 50	5 22
W13	21 58	17 8	4 1	21 11	2 17	18 41	2 43	21 38	1 7	18 31	0 39	7 25	2 30	0 9	0 42	15 29	1 45	20 0	14 21	4 56	4 22	9 48	1 50	5 22
T 14	21 49	15 16	3 17	21 25	2 3	18 54	2 41	21 30	1 7	18 27	0 39	7 26	2 30	0 9	0 42	15 30	1 45	19 59	14 21	4 59	4 23	9 46	1 51	5 22
F 15	21 40	12 45	2 24	21 38	1 49	19 6	2 39	21 22	1 7	18 24	0 39	7 27	2 29	0 10	0 42	15 30	1 45	19 58	14 21	5 1	4 24	9 45	1 51	5 22
S 16	21 31	9 44	1 25	21 51	1 35	19 18	2 37	21 14	1 7	18 21	0 39	7 28	2 29	0 11	0 42	15 30	1 45	19 58	14 20	5 3	4 25	9 43	1 52	5 22
S 17	21 21	6 20	0 23	22 2	1 21	19 29	2 35	21 6	1 7	18 17	0 39	7 29	2 29	0 12	0 42	15 30	1 45	19 57	14 20	5 3	4 27	9 41	1 52	5 23
M18	21 11	2 41	0s41	22 13	1 7	19 41	2 33	20 58	1 8	18 14	0 39	7 30	2 29	0 13	0 42	15 31	1 45	19 56	14 20	5 3	4 28	9 40	1 52	5 23
T 19	21 1	1n 5	1 43	22 22	0 54	19 52	2 30	20 49	1 8	18 10	0 39	7 30	2 28	0 13	0 42	15 31	1 46	19 55	14 20	5 3	4 29	9 38	1 53	5 23
W20	20 50	4 52	2 42	22 30	0 40	20 2	2 28	20 40	1 8	18 7	0 40	7 31	2 28	0 14	0 42	15 31	1 46	19 54	14 19	5 3	4 30	9 37	1 53	5 23
T 21	20 39	8 31	3 35	22 36	0 27	20 12	2 26	20 32	1 8	18 3	0 40	7 32	2 28	0 15	0 42	15 31	1 46	19 53	14 19	5 2	4 32	9 35	1 54	5 23
F 22	20 27	11 53	4 18	22 40	0 14	20 22	2 23	20 23	1 8	18 0	0 40	7 34	2 28	0 16	0 42	15 32	1 46	19 52	14 19	5 3	4 33	9 34	1 54	5 24
S 23	20 15	14 46	4 50	22 42	0 1	20 31	2 20	20 14	1 8	17 56	0 40	7 35	2 27	0 17	0 42	15 32	1 46	19 52	14 19	5 4	4 34	9 32	1 55	5 24
S 24	20 3	16 58	5 7	22 42	0n11	20 39	2 18	20 4	1 8	17 52	0 40	7 36	2 27	0 18	0 42	15 32	1 46	19 51	14 18	5 6	4 35	9 30	1 56	5 24
M25	19 51	18 15	5 7	22 39	0 22	20 48	2 15	19 55	1 8	17 49	0 40	7 37	2 27	0 19	0 42	15 32	1 46	19 50	14 18	5 8	4 37	9 29	1 56	5 24
T 26	19 38	18 25	4 47	22 34	0 33	20 56	2 12	19 45	1 8	17 45	0 40	7 38	2 27	0 20	0 42	15 33	1 46	19 49	14 18	5 11	4 38	9 27	1 57	5 24
W27	19 25	17 21	4 8	22 27	0 43	21 3	2 9	19 36	1 8	17 42	0 40	7 39	2 26	0 21	0 42	15 33	1 46	19 48	14 18	5 14	4 39	9 26	1 57	5 24
T 28	19 11	15 4	3 12	22 16	0 53	21 10	2 7	19 26	1 8	17 38	0 40	7 40	2 26	0 22	0 42	15 33	1 46	19 47	14 17	5 16	4 40	9 24	1 58	5 24
F 29	18 57	11 46	2 2	22 3	1 2	21 16	2 4	19 16	1 8	17 34	0 40	7 42	2 26	0 23	0 42	15 33	1 46	19 46	14 17	5 17	4 41	9 23	1 59	5 25
S 30	18 43	7 41	0 43	21 48	1 10	21 22	2 1	19 6	1 8	17 31	0 40	7 43	2 26	0 24	0 42	15 33	1 46	19 45	14 17	5 18	4 43	9 21	2 0	5 25
S 31	18n29	3n12	0n37	21n29	1n17	21n27	1s58	18n56	1n 9	17n27	0n40	7s44	2n25	0s25	0n42	15n33	1s46	19n44	14n17	5n18	4n44	9s19	2s 0	5n25

Julian Day Number = 2348727.5, Delta T = 10.52 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'38, Lahiri = 19°55'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

AUGUST 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 36 53	8♌14'30	7♎53	1♌49	27♊ 7	10♌24	13♌40	25♎53	2♎40	18♉ 9	13♍14	16♍37	18♍ 0	2♓33	12°R 7	M 1
T 2	20 40 49	9°11'59	22° 2	3°53	28°15	11° 3	13°53	25°56	2°43	18°10	13°16	16°38	17°56	2°40	12♓ 5	T 2
W 3	20 44 46	10° 9'28	5♏49	5°58	29°23	11°41	14° 6	26° 0	2°45	18°10	13°18	16°R39	17°53	2°46	12° 2	W 3
T 4	20 48 42	11° 6'58	19°14	8° 2	0♋31	12°19	14°20	26° 3	2°48	18°11	13°20	16°39	17°50	2°53	12° 0	T 4
F 5	20 52 39	12° 4'29	2♐20	10° 7	1°39	12°57	14°33	26° 7	2°51	18°11	13°22	16°37	17°47	3° 0	11°58	F 5
S 6	20 56 36	13° 2'01	15° 9	12°10	2°47	13°36	14°46	26°10	2°53	18°12	13°24	16°34	17°44	3° 6	11°55	S 6
S 7	21 0 32	13°59'34	27°43	14°13	3°56	14°14	14°59	26°14	2°56	18°12	13°26	16°30	17°40	3°13	11°53	S 7
M 8	21 4 29	14°57'07	10♑ 5	16°15	5° 4	14°52	15°12	26°17	2°59	18°13	13°27	16°24	17°37	3°20	11°50	M 8
T 9	21 8 25	15°54'42	22°16	18°16	6°13	15°30	15°25	26°21	3° 2	18°13	13°29	16°19	17°34	3°26	11°48	T 9
W10	21 12 22	16°52'18	4♒19	20°15	7°22	16° 9	15°38	26°25	3° 5	18°14	13°31	16°14	17°31	3°33	11°45	W10
T 11	21 16 18	17°49'55	16°14	22°14	8°31	16°47	15°52	26°29	3° 7	18°14	13°33	16°10	17°28	3°40	11°43	T 11
F 12	21 20 15	18°47'33	28° 5	24°11	9°40	17°25	16° 5	26°33	3°10	18°15	13°35	16° 8	17°25	3°46	11°40	F 12
S 13	21 24 11	19°45'12	9♓53	26° 7	10°49	18° 3	16°18	26°37	3°13	18°15	13°37	16° 6	17°21	3°53	11°38	S 13
S 14	21 28 8	20°42'53	21°40	28° 2	11°58	18°41	16°31	26°41	3°16	18°15	13°39	16°D 6	17°18	4° 0	11°35	S 14
M15	21 32 5	21°40'35	3♈30	29°55	13° 8	19°20	16°44	26°46	3°19	18°15	13°41	16° 7	17°15	4° 6	11°32	M15
T 16	21 36 1	22°38'19	15°26	1♍47	14°17	19°58	16°57	26°50	3°22	18°16	13°43	16° 9	17°12	4°13	11°30	T 16
W17	21 39 58	23°36'05	27°31	3°37	15°27	20°36	17°10	26°54	3°26	18°16	13°45	16°10	17° 9	4°20	11°27	W17
T 18	21 43 54	24°33'52	9♉51	5°26	16°37	21°14	17°23	26°59	3°29	18°16	13°48	16°12	17° 6	4°26	11°24	T 18
F 19	21 47 51	25°31'41	22°28	7°14	17°46	21°52	17°36	27° 3	3°32	18°16	13°50	16°R12	17° 2	4°33	11°21	F 19
S 20	21 51 47	26°29'31	5♊28	9° 0	18°56	22°31	17°50	27° 8	3°35	18°16	13°52	16°12	16°59	4°39	11°19	S 20
S 21	21 55 44	27°27'24	18°53	10°45	20° 7	23° 9	18° 3	27°13	3°38	18°16	13°54	16°11	16°56	4°46	11°16	S 21
M22	21 59 40	28°25'18	2♋45	12°28	21°17	23°47	18°16	27°17	3°41	18°R16	13°56	16° 9	16°53	4°53	11°13	M22
T 23	22 3 37	29°23'14	17° 5	14°11	22°27	24°25	18°29	27°22	3°45	18°16	13°58	16° 7	16°50	4°59	11°10	T 23
W24	22 7 34	0♍21'12	1♌48	15°52	23°38	25° 3	18°42	27°27	3°48	18°16	14° 0	16° 5	16°46	5° 6	11° 7	W24
T 25	22 11 30	1°19'11	16°49	17°31	24°48	25°42	18°55	27°32	3°51	18°16	14° 2	16° 4	16°43	5°13	11° 5	T 25
F 26	22 15 27	2°17'13	2♍ 0	19°10	25°59	26°20	19° 8	27°37	3°55	18°16	14° 4	16° 3	16°40	5°19	11° 2	F 26
S 27	22 19 23	3°15'15	17°11	20°47	27° 9	26°58	19°21	27°42	3°58	18°16	14° 6	16°D 2	16°37	5°26	10°59	S 27
S 28	22 23 20	4°13'19	2♎13	22°22	28°20	27°36	19°34	27°48	4° 1	18°16	14° 9	16° 3	16°34	5°33	10°56	S 28
M29	22 27 16	5°11'25	16°58	23°57	29°31	28°14	19°46	27°53	4° 5	18°15	14°11	16° 3	16°31	5°39	10°53	M29
T 30	22 31 13	6° 9'32	1♏20	25°30	0♌42	28°53	19°59	27°58	4° 8	18°15	14°13	16° 4	16°27	5°46	10°50	T 30
W31	22 35 9	7♍ 7'41	15♏17	27♍ 2	1♌53	29♌31	20♌12	28♎ 3	4♎12	18♉15	14♍15	16♍ 5	16♍24	5♓53	10♓47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n14	1s24	1n53	21n 8	1n24	21n32	1s54	18n45	1n 9	17n23	0n40	7s46	2n25	0s26	0n41	15n33	1s46	19n44	14n17	5n17	4n45	9s18	2s 1	5n25
T 2	17 59	5 47	3 1	20 45	1 29	21 36	1 51	18 35	1 9	17 20	0 40	7 47	2 25	0 27	0 41	15 34	1 46	19 43	14 16	5 17	4 46	9 16	2 2	5 25
W 3	17 43	9 45	3 57	20 19	1 34	21 40	1 48	18 24	1 9	17 16	0 40	7 49	2 25	0 28	0 41	15 34	1 46	19 42	14 16	5 17	4 48	9 15	2 2	5 25
T 4	17 28	13 6	4 37	19 51	1 38	21 43	1 45	18 14	1 9	17 12	0 40	7 50	2 24	0 29	0 41	15 34	1 46	19 41	14 16	5 17	4 49	9 13	2 3	5 25
F 5	17 12	15 43	5 3	19 21	1 41	21 46	1 42	18 3	1 9	17 8	0 40	7 51	2 24	0 30	0 41	15 34	1 46	19 40	14 16	5 17	4 50	9 12	2 4	5 25
S 6	16 56	17 28	5 12	18 49	1 43	21 48	1 38	17 52	1 9	17 4	0 41	7 53	2 24	0 31	0 41	15 34	1 47	19 39	14 16	5 19	4 51	9 10	2 5	5 26
S 7	16 39	18 21	5 6	18 16	1 45	21 50	1 35	17 41	1 9	17 1	0 41	7 54	2 24	0 32	0 41	15 34	1 47	19 38	14 16	5 20	4 53	9 8	2 6	5 26
M 8	16 22	18 20	4 46	17 40	1 46	21 51	1 32	17 30	1 9	16 57	0 41	7 56	2 23	0 33	0 41	15 34	1 47	19 37	14 15	5 22	4 54	9 7	2 7	5 26
T 9	16 5	17 28	4 13	17 3	1 46	21 51	1 28	17 18	1 9	16 53	0 41	7 58	2 23	0 35	0 41	15 34	1 47	19 36	14 15	5 24	4 55	9 5	2 7	5 26
W10	15 48	15 49	3 30	16 25	1 46	21 51	1 25	17 7	1 9	16 49	0 41	7 59	2 23	0 36	0 41	15 34	1 47	19 36	14 15	5 26	4 56	9 4	2 8	5 26
T 11	15 31	13 30	2 37	15 46	1 44	21 51	1 22	16 56	1 9	16 45	0 41	8 1	2 23	0 37	0 41	15 34	1 47	19 35	14 15	5 28	4 58	9 2	2 9	5 26
F 12	15 13	10 38	1 38	15 6	1 43	21 49	1 18	16 44	1 9	16 42	0 41	8 3	2 22	0 38	0 41	15 34	1 47	19 34	14 15	5 29	4 59	9 0	2 10	5 26
S 13	14 55	7 21	0 34	14 24	1 41	21 47	1 15	16 32	1 9	16 38	0 41	8 4	2 22	0 39	0 41	15 34	1 47	19 33	14 15	5 29	5 0	8 59	2 11	5 26
S 14	14 37	3 47	0s31	13 42	1 38	21 45	1 11	16 20	1 9	16 34	0 41	8 6	2 22	0 40	0 41	15 34	1 47	19 32	14 15	5 29	5 1	8 57	2 12	5 26
M15	14 18	0 3	1 35	13 0	1 35	21 42	1 8	16 8	1 9	16 30	0 41	8 8	2 22	0 42	0 41	15 34	1 47	19 31	14 15	5 29	5 3	8 56	2 13	5 26
T 16	13 59	3n42	2 35	12 16	1 31	21 38	1 4	15 56	1 9	16 26	0 41	8 9	2 22	0 43	0 41	15 34	1 47	19 30	14 14	5 28	5 4	8 54	2 14	5 26
W17	13 40	7 21	3 29	11 32	1 27	21 34	1 1	15 44	1 9	16 22	0 41	8 11	2 21	0 44	0 41	15 34	1 47	19 29	14 14	5 28	5 5	8 52	2 15	5 26
T 18	13 21	10 45	4 15	10 48	1 22	21 29	0 57	15 32	1 9	16 18	0 41	8 13	2 21	0 45	0 41	15 34	1 47	19 28	14 14	5 27	5 6	8 51	2 16	5 26
F 19	13 2	13 45	4 50	10 4	1 17	21 24	0 54	15 20	1 9	16 14	0 42	8 15	2 21	0 47	0 41	15 34	1 47	19 27	14 14	5 27	5 8	8 49	2 17	5 26
S 20	12 42	16 9	5 11	9 19	1 12	21 18	0 50	15 7	1 9	16 10	0 42	8 17	2 21	0 48	0 41	15 34	1 47	19 27	14 14	5 27	5 9	8 47	2 18	5 26
S 21	12 22	17 46	5 16	8 34	1 6	21 12	0 47	14 55	1 9	16 6	0 42	8 19	2 20	0 49	0 41	15 34	1 47	19 26	14 14	5 27	5 10	8 46	2 19	5 26
M22	12 2	18 24	5 3	7 49	1 0	21 4	0 43	14 42	1 9	16 2	0 42	8 20	2 20	0 51	0 41	15 34	1 47	19 25	14 14	5 28	5 11	8 44	2 20	5 26
T 23	11 42	17 53	4 32	7 4	0 54	20 57	0 40	14 29	1 9	15 58	0 42	8 22	2 20	0 52	0 41	15 34	1 48	19 24	14 14	5 29	5 12	8 43	2 21	5 26
W24	11 22	16 11	3 41	6 19	0 48	20 48	0 36	14 16	1 9	15 55	0 42	8 24	2 20	0 53	0 41	15 34	1 48	19 23	14 14	5 30	5 14	8 41	2 22	5 26
T 25	11 1	13 21	2 35	5 34	0 41	20 39	0 33	14 3	1 9	15 51	0 42	8 26	2 20	0 55	0 41	15 34	1 48	19 22	14 14	5 30	5 15	8 39	2 23	5 26
F 26	10 41	9 35	1 17	4 49	0 34	20 30	0 30	13 50	1 9	15 47	0 42	8 28	2 19	0 56	0 41	15 34	1 48	19 21	14 14	5 31	5 16	8 38	2 24	5 26
S 27	10 20	5 10	0n 6	4 4	0 27	20 20	0 26	13 37	1 9	15 43	0 42	8 30	2 19	0 57	0 41	15 34	1 48	19 20	14 14	5 31	5 17	8 36	2 25	5 26
S 28	9 59	0 28	1 29	3 20	0 20	20 9	0 23	13 24	1 9	15 39	0 42	8 32	2 19	0 59	0 41	15 34	1 48	19 20	14 14	5 31	5 19	8 34	2 26	5 26
M29	9 37	4s 9	2 43	2 36	0 12	19 58	0 19	13 11	1 9	15 35	0 43	8 34	2 19	1 0	0 41	15 34	1 48	19 19	14 14	5 31	5 20	8 33	2 28	5 26
T 30	9 16	8 25	3 46	1 52	0 5	19 46	0 16	12 58	1 9	15 31	0 43	8 36	2 19	1 1	0 41	15 34	1 48	19 18	14 14	5 30	5 21	8 31	2 29	5 26
W31	8n54	12s 5	4n33	1n 8	0s 3	19n34	0s12	12n44	1n 9	15n27	0n43	8s39	2n19	1s 3	0n41	15n33	1s48	19n17	14n14	5n30	5n22	8s30	2s30	5n26

Julian Day Number = 2348758.5, Delta T = 10.52 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'42, Lahiri = 19°55'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

SEPTEMBER 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 6	8♍ 5'51	28♏48	28♍33	3♌ 4	0♍ 9	20♌25	28♎ 9	4♎15	18°R15	14♍17	16♍ 5	16♍21	5♓59	10°R44	T 1
F 2	22 43 3	9° 4'03	11♐55	0♎ 2	4°15	0°47	20°38	28°14	4°19	18♉14	14°19	16°R 5	16°18	6° 6	10♓41	F 2
S 3	22 46 59	10° 2'16	24°40	1°30	5°27	1°25	20°51	28°20	4°22	18°14	14°21	16° 5	16°15	6°13	10°39	S 3
S 4	22 50 56	11° 0'31	7♑ 7	2°57	6°38	2° 3	21° 3	28°26	4°26	18°13	14°24	16° 5	16°12	6°19	10°36	S 4
M 5	22 54 52	11°58'47	19°20	4°23	7°50	2°42	21°16	28°31	4°29	18°13	14°26	16° 4	16° 8	6°26	10°33	M 5
T 6	22 58 49	12°57'05	1♒22	5°47	9° 1	3°20	21°29	28°37	4°33	18°13	14°28	16° 4	16° 5	6°32	10°30	T 6
W 7	23 2 45	13°55'24	13°16	7°10	10°13	3°58	21°41	28°43	4°36	18°12	14°30	16° 4	16° 2	6°39	10°27	W 7
T 8	23 6 42	14°53'45	25° 6	8°32	11°25	4°36	21°54	28°49	4°40	18°11	14°32	16° 3	15°59	6°46	10°24	T 8
F 9	23 10 38	15°52'08	6♓54	9°52	12°37	5°14	22° 6	28°54	4°44	18°11	14°34	16°D 3	15°56	6°52	10°21	F 9
S 10	23 14 35	16°50'32	18°42	11°11	13°48	5°52	22°19	29° 0	4°47	18°10	14°36	16°R 3	15°52	6°59	10°18	S 10
S 11	23 18 32	17°48'59	0♈33	12°28	15° 1	6°31	22°31	29° 6	4°51	18°10	14°39	16° 3	15°49	7° 6	10°15	S 11
M12	23 22 28	18°47'27	12°30	13°44	16°13	7° 9	22°44	29°12	4°55	18° 9	14°41	16° 3	15°46	7°12	10°13	M12
T 13	23 26 25	19°45'57	24°33	14°58	17°25	7°47	22°56	29°18	4°58	18° 8	14°43	16° 3	15°43	7°19	10°10	T 13
W14	23 30 21	20°44'30	6♉46	16°11	18°37	8°25	23° 9	29°25	5° 2	18° 8	14°45	16° 2	15°40	7°26	10° 7	W14
T 15	23 34 18	21°43'04	19°12	17°21	19°49	9° 3	23°21	29°31	5° 6	18° 7	14°47	16° 1	15°37	7°32	10° 4	T 15
F 16	23 38 14	22°41'41	1♊52	18°30	21° 2	9°42	23°33	29°37	5° 9	18° 6	14°49	16° 1	15°33	7°39	10° 1	F 16
S 17	23 42 11	23°40'20	14°51	19°37	22°14	10°20	23°45	29°43	5°13	18° 5	14°52	16° 0	15°30	7°46	9°58	S 17
S 18	23 46 7	24°39'02	28°11	20°42	23°27	10°58	23°58	29°50	5°17	18° 4	14°54	16°D 0	15°27	7°52	9°56	S 18
M19	23 50 4	25°37'45	11♋53	21°44	24°40	11°36	24°10	29°56	5°21	18° 4	14°56	16° 1	15°24	7°59	9°53	M19
T 20	23 54 0	26°36'31	25°59	22°44	25°52	12°14	24°22	0♏ 2	5°24	18° 3	14°58	16° 1	15°21	8° 6	9°50	T 20
W21	23 57 57	27°35'19	10♌28	23°42	27° 5	12°53	24°34	0° 9	5°28	18° 2	15° 0	16° 2	15°17	8°12	9°47	W21
T 22	0 1 54	28°34'10	25°15	24°36	28°18	13°31	24°46	0°15	5°32	18° 1	15° 2	16° 3	15°14	8°19	9°45	T 22
F 23	0 5 50	29°33'02	10♍16	25°28	29°31	14° 9	24°58	0°22	5°36	18° 0	15° 4	16°R 4	15°11	8°25	9°42	F 23
S 24	0 9 47	0♎31'57	25°22	26°16	0♍44	14°47	25° 9	0°28	5°39	17°59	15° 6	16° 4	15° 8	8°32	9°39	S 24
S 25	0 13 43	1°30'53	10♎25	27° 1	1°57	15°26	25°21	0°35	5°43	17°58	15° 9	16° 3	15° 5	8°39	9°37	S 25
M26	0 17 40	2°29'52	25°16	27°42	3°10	16° 4	25°33	0°42	5°47	17°57	15°11	16° 1	15° 2	8°45	9°34	M26
T 27	0 21 36	3°28'53	9♏47	28°19	4°23	16°42	25°45	0°48	5°51	17°56	15°13	15°59	14°58	8°52	9°32	T 27
W28	0 25 33	4°27'55	23°54	28°51	5°37	17°20	25°56	0°55	5°55	17°55	15°15	15°56	14°55	8°59	9°29	W28
T 29	0 29 29	5°26'59	7♐33	29°19	6°50	17°59	26° 8	1° 2	5°58	17°53	15°17	15°54	14°52	9° 5	9°26	T 29
F 30	0 33 26	6♎26'05	20♐45	29♎40	8♍ 3	18♍37	26♌19	1♏ 8	6♎ 2	17♉52	15♍19	15♍53	14♍49	9♓12	9♓24	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n33	14s59	5n 3	0n25	0s11	19n21	0s 9	12n31	1n 9	15n23	0n43	8s41	2n18	1s 4	0n41	15n33	1s48	19n16	14n14	5n30	5n24	8s28	2s31	5n26
F 2	8 11	17 1	5 17	0s18	0 19	19 8	0 6	12 17	1 9	15 19	0 43	8 43	2 18	1 6	0 41	15 33	1 48	19 15	14 14	5 30	5 25	8 26	2 32	5 26
S 3	7 49	18 8	5 14	1 1	0 27	18 54	0 3	12 3	1 9	15 15	0 43	8 45	2 18	1 7	0 41	15 33	1 48	19 15	14 14	5 30	5 26	8 25	2 33	5 26
S 4	7 27	18 21	4 57	1 43	0 35	18 39	0n 1	11 50	1 9	15 11	0 43	8 47	2 18	1 9	0 41	15 33	1 48	19 14	14 14	5 30	5 27	8 23	2 34	5 26
M 5	7 5	17 41	4 26	2 24	0 43	18 24	0 4	11 36	1 9	15 7	0 43	8 49	2 18	1 10	0 41	15 33	1 48	19 13	14 14	5 30	5 29	8 21	2 36	5 26
T 6	6 42	16 15	3 44	3 6	0 52	18 8	0 7	11 22	1 9	15 3	0 43	8 51	2 17	1 11	0 41	15 32	1 48	19 12	14 14	5 30	5 30	8 20	2 37	5 26
W 7	6 20	14 6	2 53	3 46	1 0	17 52	0 10	11 8	1 9	14 59	0 43	8 54	2 17	1 13	0 41	15 32	1 48	19 11	14 14	5 30	5 31	8 18	2 38	5 26
T 8	5 57	11 23	1 54	4 26	1 8	17 36	0 13	10 54	1 9	14 55	0 44	8 56	2 17	1 14	0 41	15 32	1 48	19 11	14 14	5 30	5 32	8 16	2 39	5 26
F 9	5 35	8 12	0 51	5 5	1 16	17 19	0 16	10 40	1 9	14 51	0 44	8 58	2 17	1 16	0 41	15 32	1 48	19 10	14 14	5 31	5 33	8 15	2 40	5 26
S 10	5 12	4 42	0s15	5 44	1 25	17 1	0 20	10 26	1 9	14 47	0 44	9 0	2 17	1 17	0 40	15 32	1 49	19 9	14 14	5 31	5 35	8 13	2 41	5 26
S 11	4 49	1 0	1 20	6 22	1 33	16 43	0 23	10 12	1 8	14 43	0 44	9 2	2 17	1 19	0 40	15 31	1 49	19 8	14 14	5 31	5 36	8 12	2 42	5 25
M12	4 26	2n46	2 22	6 59	1 41	16 24	0 25	9 57	1 8	14 39	0 44	9 5	2 16	1 20	0 40	15 31	1 49	19 7	14 14	5 31	5 37	8 10	2 44	5 25
T 13	4 3	6 27	3 18	7 35	1 49	16 5	0 28	9 43	1 8	14 35	0 44	9 7	2 16	1 22	0 40	15 31	1 49	19 7	14 14	5 31	5 38	8 8	2 45	5 25
W14	3 40	9 55	4 6	8 10	1 57	15 46	0 31	9 29	1 8	14 31	0 44	9 9	2 16	1 23	0 40	15 31	1 49	19 6	14 14	5 31	5 40	8 7	2 46	5 25
T 15	3 17	13 0	4 44	8 45	2 5	15 26	0 34	9 14	1 8	14 27	0 44	9 12	2 16	1 25	0 40	15 30	1 49	19 5	14 15	5 31	5 41	8 5	2 47	5 25
F 16	2 54	15 32	5 8	9 18	2 13	15 5	0 37	9 0	1 8	14 23	0 45	9 14	2 16	1 26	0 40	15 30	1 49	19 4	14 15	5 31	5 42	8 3	2 48	5 25
S 17	2 31	17 21	5 18	9 51	2 20	14 44	0 40	8 45	1 8	14 19	0 45	9 16	2 16	1 27	0 40	15 30	1 49	19 4	14 15	5 32	5 43	8 2	2 50	5 25
S 18	2 8	18 17	5 11	10 23	2 28	14 23	0 42	8 31	1 8	14 15	0 45	9 19	2 16	1 29	0 40	15 30	1 49	19 3	14 15	5 32	5 45	8 0	2 51	5 25
M19	1 44	18 12	4 46	10 53	2 35	14 1	0 45	8 16	1 8	14 12	0 45	9 21	2 15	1 30	0 40	15 29	1 49	19 2	14 15	5 32	5 46	7 58	2 52	5 24
T 20	1 21	16 59	4 4	11 22	2 42	13 39	0 47	8 1	1 8	14 8	0 45	9 23	2 15	1 32	0 40	15 29	1 49	19 1	14 15	5 31	5 47	7 57	2 53	5 24
W21	0 58	14 40	3 5	11 50	2 49	13 17	0 50	7 47	1 8	14 4	0 45	9 26	2 15	1 33	0 40	15 29	1 49	19 1	14 15	5 31	5 48	7 55	2 54	5 24
T 22	0 34	11 21	1 53	12 16	2 56	12 54	0 52	7 32	1 8	14 0	0 45	9 28	2 15	1 35	0 40	15 28	1 49	19 0	14 15	5 31	5 50	7 53	2 55	5 24
F 23	0 11	7 14	0 32	12 41	3 2	12 31	0 55	7 17	1 8	13 56	0 45	9 30	2 15	1 36	0 40	15 28	1 49	18 59	14 16	5 30	5 51	7 52	2 57	5 24
S 24	0s13	2 38	0n51	13 4	3 7	12 7	0 57	7 2	1 7	13 52	0 46	9 33	2 15	1 38	0 40	15 28	1 49	18 59	14 16	5 30	5 52	7 50	2 58	5 24
S 25	0 36	2s 7	2 11	13 25	3 13	11 43	0 59	6 47	1 7	13 48	0 46	9 35	2 15	1 39	0 40	15 28	1 49	18 58	14 16	5 31	5 53	7 48	2 59	5 23
M26	1 0	6 41	3 21	13 45	3 18	11 19	1 1	6 32	1 7	13 45	0 46	9 38	2 15	1 41	0 40	15 27	1 49	18 57	14 16	5 31	5 54	7 47	3 0	5 23
T 27	1 23	10 44	4 15	14 2	3 22	10 54	1 4	6 17	1 7	13 41	0 46	9 40	2 15	1 42	0 40	15 27	1 49	18 57	14 16	5 32	5 56	7 45	3 1	5 23
W28	1 47	14 2	4 53	14 17	3 26	10 29	1 6	6 2	1 7	13 37	0 46	9 42	2 14	1 44	0 40	15 26	1 49	18 56	14 17	5 33	5 57	7 43	3 2	5 23
T 29	2 10	16 27	5 13	14 30	3 29	10 4	1 8	5 47	1 7	13 33	0 46	9 45	2 14	1 45	0 40	15 26	1 49	18 55	14 17	5 34	5 58	7 42	3 3	5 23
F 30	2s34	17s55	5n15	14s40	3s31	9n38	1n10	5n32	1n 7	13n29	0n47	9s47	2n14	1s47	0n40	15n26	1s49	18n55	14n17	5n35	5n59	7s40	3s 5	5n22

Julian Day Number = 2348789.5, Delta T = 10.52 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'46, Lahiri = 19°55'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

OCTOBER 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 23	7♎25'13	3♉33	29♎57	9♍17	19♍15	26♌31	1♏15	6♎ 6	17°R51	15♍21	15°D52	14♍46	9♓19	9°R22	S 1
S 2	0 41 19	8°24'23	16° 0	0♏ 6	10°30	19°53	26°42	1°22	6°10	17♉50	15°23	15♍52	14°43	9°25	9♓19	S 2
M 3	0 45 16	9°23'34	28° 9	0°R 9	11°44	20°32	26°53	1°29	6°13	17°49	15°25	15°53	14°39	9°32	9°17	M 3
T 4	0 49 12	10°22'47	10♒ 7	0° 5	12°57	21°10	27° 4	1°36	6°17	17°47	15°27	15°55	14°36	9°39	9°14	T 4
W 5	0 53 9	11°22'02	21°58	29♎54	14°11	21°48	27°15	1°43	6°21	17°46	15°29	15°56	14°33	9°45	9°12	W 5
T 6	0 57 5	12°21'19	3♓45	29°34	15°25	22°27	27°26	1°50	6°25	17°45	15°31	15°58	14°30	9°52	9°10	T 6
F 7	1 1 2	13°20'38	15°33	29° 6	16°38	23° 5	27°37	1°57	6°29	17°44	15°33	15°R58	14°27	9°58	9° 7	F 7
S 8	1 4 58	14°19'58	27°25	28°30	17°52	23°43	27°48	2° 4	6°32	17°42	15°35	15°58	14°23	10° 5	9° 5	S 8
S 9	1 8 55	15°19'21	9♈24	27°46	19° 6	24°21	27°59	2°11	6°36	17°41	15°37	15°56	14°20	10°12	9° 3	S 9
M10	1 12 51	16°18'45	21°30	26°54	20°20	25° 0	28°10	2°18	6°40	17°39	15°39	15°52	14°17	10°18	9° 1	M10
T 11	1 16 48	17°18'12	3♉47	25°55	21°34	25°38	28°20	2°25	6°44	17°38	15°41	15°47	14°14	10°25	8°59	T 11
W12	1 20 45	18°17'41	16°15	24°50	22°48	26°16	28°31	2°32	6°47	17°37	15°43	15°42	14°11	10°32	8°57	W12
T 13	1 24 41	19°17'12	28°55	23°40	24° 2	26°55	28°41	2°39	6°51	17°35	15°44	15°36	14° 8	10°38	8°55	T 13
F 14	1 28 38	20°16'45	11♊48	22°27	25°16	27°33	28°52	2°46	6°55	17°34	15°46	15°31	14° 4	10°45	8°53	F 14
S 15	1 32 34	21°16'20	24°55	21°13	26°31	28°11	29° 2	2°53	6°58	17°32	15°48	15°27	14° 1	10°52	8°51	S 15
S 16	1 36 31	22°15'58	8♋17	20° 0	27°45	28°50	29°12	3° 0	7° 2	17°31	15°50	15°24	13°58	10°58	8°49	S 16
M17	1 40 27	23°15'38	21°54	18°50	28°59	29°28	29°22	3° 7	7° 6	17°29	15°52	15°D23	13°55	11° 5	8°47	M17
T 18	1 44 24	24°15'21	5♌49	17°46	0♎13	0♎ 7	29°32	3°14	7°10	17°28	15°54	15°24	13°52	11°12	8°45	T 18
W19	1 48 20	25°15'05	20° 0	16°48	1°28	0°45	29°42	3°22	7°13	17°26	15°55	15°25	13°48	11°18	8°43	W19
T 20	1 52 17	26°14'52	4♍26	16° 0	2°42	1°23	29°52	3°29	7°17	17°25	15°57	15°26	13°45	11°25	8°42	T 20
F 21	1 56 14	27°14'41	19° 5	15°21	3°57	2° 2	0♍ 1	3°36	7°20	17°23	15°59	15°R26	13°42	11°31	8°40	F 21
S 22	2 0 10	28°14'33	3♎51	14°53	5°11	2°40	0°11	3°43	7°24	17°22	16° 1	15°25	13°39	11°38	8°38	S 22
S 23	2 4 7	29°14'26	18°39	14°37	6°26	3°19	0°20	3°50	7°28	17°20	16° 2	15°22	13°36	11°45	8°37	S 23
M24	2 8 3	0♏14'21	3♏21	14°D32	7°40	3°57	0°30	3°58	7°31	17°18	16° 4	15°16	13°33	11°51	8°35	M24
T 25	2 12 0	1°14'19	17°48	14°39	8°55	4°35	0°39	4° 5	7°35	17°17	16° 6	15° 9	13°29	11°58	8°34	T 25
W26	2 15 56	2°14'18	1♐56	14°56	10°10	5°14	0°48	4°12	7°38	17°15	16° 7	15° 1	13°26	12° 5	8°33	W26
T 27	2 19 53	3°14'19	15°38	15°23	11°24	5°52	0°57	4°19	7°42	17°14	16° 9	14°53	13°23	12°11	8°31	T 27
F 28	2 23 49	4°14'22	28°55	15°59	12°39	6°31	1° 6	4°27	7°45	17°12	16°10	14°47	13°20	12°18	8°30	F 28
S 29	2 27 46	5°14'26	11♑47	16°44	13°54	7° 9	1°15	4°34	7°49	17°10	16°12	14°42	13°17	12°25	8°29	S 29
S 30	2 31 43	6°14'32	24°16	17°37	15° 9	7°48	1°23	4°41	7°52	17° 9	16°14	14°39	13°14	12°31	8°27	S 30
M31	2 35 39	7♏14'39	6♒26	18♎36	16♎23	8♎26	1♍32	4♏48	7♎56	17♉ 7	16♍15	14°D38	13♍10	12♓38	8♓26	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s57	18s24	5n 1	14s47	3s33	9n12	1n11	5n17	1n 7	13n26	0n47	9s50	2n14	1s49	0n40	15n25	1s50	18n54	14n17	5n35	6n 1	7s38	3s 6	5n22
S 2	3 20	17 59	4 34	14 51	3 33	8 46	1 13	5 2	1 7	13 22	0 47	9 52	2 14	1 50	0 40	15 25	1 50	18 54	14 17	5 35	6 2	7 36	3 7	5 22
M 3	3 44	16 44	3 54	14 51	3 32	8 20	1 15	4 47	1 7	13 18	0 47	9 55	2 14	1 52	0 40	15 25	1 50	18 53	14 18	5 35	6 3	7 35	3 8	5 22
T 4	4 7	14 46	3 5	14 48	3 30	7 53	1 17	4 31	1 6	13 15	0 47	9 57	2 14	1 53	0 40	15 24	1 50	18 52	14 18	5 34	6 4	7 33	3 9	5 21
W 5	4 30	12 11	2 9	14 41	3 27	7 26	1 18	4 16	1 6	13 11	0 47	10 0	2 14	1 55	0 40	15 24	1 50	18 52	14 18	5 33	6 5	7 31	3 10	5 21
T 6	4 53	9 7	1 7	14 29	3 23	6 59	1 20	4 1	1 6	13 7	0 47	10 2	2 14	1 56	0 40	15 23	1 50	18 51	14 18	5 33	6 7	7 30	3 11	5 21
F 7	5 16	5 40	0 2	14 14	3 16	6 32	1 21	3 46	1 6	13 4	0 48	10 5	2 14	1 57	0 40	15 23	1 50	18 51	14 19	5 32	6 8	7 28	3 12	5 21
S 8	5 40	1 59	1s 3	13 53	3 8	6 4	1 23	3 30	1 6	13 0	0 48	10 7	2 14	1 59	0 40	15 23	1 50	18 50	14 19	5 33	6 9	7 26	3 13	5 20
S 9	6 3	1n49	2 5	13 28	2 58	5 36	1 24	3 15	1 6	12 56	0 48	10 9	2 13	2 0	0 40	15 22	1 50	18 50	14 19	5 33	6 10	7 25	3 14	5 20
M10	6 25	5 34	3 3	12 59	2 47	5 8	1 25	3 0	1 6	12 53	0 48	10 12	2 13	2 2	0 40	15 22	1 50	18 49	14 19	5 35	6 12	7 23	3 15	5 20
T 11	6 48	9 9	3 52	12 24	2 33	4 40	1 26	2 44	1 5	12 49	0 48	10 14	2 13	2 3	0 40	15 21	1 50	18 49	14 20	5 37	6 13	7 21	3 16	5 20
W12	7 11	12 23	4 32	11 46	2 18	4 12	1 27	2 29	1 5	12 46	0 48	10 17	2 13	2 5	0 40	15 21	1 50	18 48	14 20	5 39	6 14	7 20	3 17	5 19
T 13	7 34	15 5	4 59	11 5	2 1	3 43	1 28	2 14	1 5	12 42	0 49	10 19	2 13	2 6	0 40	15 21	1 50	18 48	14 20	5 41	6 15	7 18	3 18	5 19
F 14	7 56	17 6	5 11	10 20	1 43	3 15	1 29	1 58	1 5	12 39	0 49	10 22	2 13	2 8	0 40	15 20	1 50	18 47	14 21	5 43	6 17	7 16	3 19	5 19
S 15	8 19	18 15	5 7	9 35	1 23	2 46	1 30	1 43	1 5	12 36	0 49	10 24	2 13	2 9	0 40	15 20	1 50	18 47	14 21	5 45	6 18	7 14	3 20	5 19
S 16	8 41	18 26	4 47	8 48	1 3	2 17	1 31	1 27	1 5	12 32	0 49	10 27	2 13	2 11	0 40	15 19	1 50	18 46	14 21	5 46	6 19	7 13	3 21	5 18
M17	9 3	17 34	4 11	8 2	0 42	1 48	1 32	1 12	1 5	12 29	0 49	10 29	2 13	2 12	0 40	15 19	1 50	18 46	14 22	5 46	6 20	7 11	3 22	5 18
T 18	9 25	15 38	3 19	7 19	0 22	1 19	1 32	0 56	1 4	12 25	0 50	10 32	2 13	2 14	0 40	15 18	1 50	18 46	14 22	5 46	6 21	7 9	3 23	5 18
W19	9 47	12 43	2 14	6 38	0 1	0 50	1 33	0 41	1 4	12 22	0 50	10 34	2 13	2 15	0 40	15 18	1 50	18 45	14 22	5 45	6 23	7 8	3 24	5 17
T 20	10 9	8 58	1 0	6 2	0n18	0 21	1 34	0 26	1 4	12 19	0 50	10 37	2 13	2 17	0 40	15 18	1 50	18 45	14 23	5 45	6 24	7 6	3 25	5 17
F 21	10 30	4 38	0n20	5 30	0 36	0s 8	1 34	0 10	1 4	12 16	0 50	10 39	2 13	2 18	0 40	15 17	1 50	18 45	14 23	5 45	6 25	7 4	3 26	5 17
S 22	10 52	0s 2	1 38	5 4	0 53	0 37	1 34	0s 5	1 4	12 12	0 50	10 42	2 13	2 19	0 40	15 17	1 50	18 44	14 23	5 45	6 26	7 3	3 27	5 16
S 23	11 13	4 42	2 50	4 43	1 8	1 7	1 35	0 21	1 3	12 9	0 50	10 44	2 13	2 21	0 40	15 16	1 50	18 44	14 24	5 47	6 28	7 1	3 28	5 16
M24	11 34	9 2	3 50	4 29	1 22	1 36	1 35	0 36	1 3	12 6	0 51	10 46	2 13	2 22	0 40	15 16	1 50	18 43	14 24	5 49	6 29	6 59	3 29	5 16
T 25	11 55	12 46	4 34	4 20	1 34	2 5	1 35	0 52	1 3	12 3	0 51	10 49	2 13	2 24	0 40	15 15	1 50	18 43	14 24	5 52	6 30	6 57	3 29	5 16
W26	12 16	15 40	5 0	4 18	1 44	2 34	1 35	1 7	1 3	12 0	0 51	10 51	2 13	2 25	0 40	15 15	1 50	18 43	14 25	5 55	6 31	6 56	3 30	5 15
T 27	12 37	17 36	5 8	4 20	1 52	3 4	1 35	1 22	1 3	11 57	0 51	10 54	2 13	2 26	0 40	15 14	1 50	18 43	14 25	5 58	6 32	6 54	3 31	5 15
F 28	12 57	18 29	4 59	4 28	1 59	3 33	1 35	1 38	1 3	11 54	0 51	10 56	2 13	2 28	0 40	15 14	1 50	18 42	14 26	6 0	6 34	6 52	3 32	5 15
S 29	13 17	18 23	4 35	4 40	2 4	4 2	1 35	1 53	1 2	11 51	0 52	10 59	2 13	2 29	0 40	15 13	1 50	18 42	14 26	6 2	6 35	6 50	3 33	5 14
S 30	13 37	17 23	3 58	4 57	2 8	4 31	1 34	2 9	1 2	11 48	0 52	11 1	2 13	2 30	0 40	15 13	1 50	18 42	14 26	6 3	6 36	6 49	3 33	5 14
M31	13s57	15s36	3n11	5s17	2n11	5s 0	1n34	2s24	1n 2	11n45	0n52	11s 4	2n13	2s32	0n40	15n12	1s50	18n42	14n27	6n 4	6n37	6s47	3s34	5n14

Julian Day Number = 2348819.5, Delta T = 10.51 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'50, Lahiri = 19°55'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

NOVEMBER 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 36	8♏14'49	18♒24	19♎41	17♎38	9♎ 5	1♍40	4♏55	7♎59	17°R 5	16♍17	14♍39	13♍ 7	12♓45	8°R25	T 1
W 2	2 43 32	9°14'59	0♓14	20°51	18°53	9°43	1°49	5° 3	8° 3	17♉ 4	16°18	14°40	13° 4	12°51	8♓24	W 2
T 3	2 47 29	10°15'11	12° 1	22° 5	20° 8	10°21	1°57	5°10	8° 6	17° 2	16°20	14°R40	13° 1	12°58	8°23	T 3
F 4	2 51 25	11°15'25	23°50	23°23	21°23	11° 0	2° 5	5°17	8° 9	17° 0	16°21	14°40	12°58	13° 5	8°22	F 4
S 5	2 55 22	12°15'40	5♈47	24°45	22°38	11°38	2°13	5°24	8°13	16°59	16°22	14°37	12°54	13°11	8°21	S 5
S 6	2 59 18	13°15'57	17°53	26° 9	23°53	12°17	2°21	5°31	8°16	16°57	16°24	14°33	12°51	13°18	8°21	S 6
M 7	3 3 15	14°16'15	0♉12	27°35	25° 8	12°55	2°28	5°39	8°19	16°55	16°25	14°25	12°48	13°24	8°20	M 7
T 8	3 7 12	15°16'35	12°45	29° 3	26°23	13°34	2°36	5°46	8°22	16°53	16°26	14°15	12°45	13°31	8°19	T 8
W 9	3 11 8	16°16'57	25°33	0♏32	27°38	14°12	2°43	5°53	8°26	16°52	16°28	14° 4	12°42	13°38	8°19	W 9
T 10	3 15 5	17°17'21	8♊34	2° 3	28°53	14°51	2°50	6° 0	8°29	16°50	16°29	13°53	12°39	13°44	8°18	T 10
F 11	3 19 1	18°17'46	21°49	3°35	0♏ 8	15°30	2°58	6° 7	8°32	16°48	16°30	13°42	12°35	13°51	8°18	F 11
S 12	3 22 58	19°18'13	5♋14	5° 8	1°23	16° 8	3° 5	6°14	8°35	16°47	16°31	13°33	12°32	13°58	8°17	S 12
S 13	3 26 54	20°18'42	18°49	6°41	2°38	16°47	3°11	6°21	8°38	16°45	16°33	13°26	12°29	14° 4	8°17	S 13
M14	3 30 51	21°19'13	2♌34	8°15	3°53	17°25	3°18	6°28	8°41	16°43	16°34	13°23	12°26	14°11	8°16	M14
T 15	3 34 47	22°19'45	16°27	9°49	5° 9	18° 4	3°25	6°35	8°44	16°42	16°35	13°21	12°23	14°18	8°16	T 15
W16	3 38 44	23°20'20	0♍28	11°23	6°24	18°42	3°31	6°43	8°47	16°40	16°36	13°D21	12°20	14°24	8°16	W16
T 17	3 42 41	24°20'56	14°38	12°58	7°39	19°21	3°37	6°50	8°50	16°38	16°37	13°R21	12°16	14°31	8°16	T 17
F 18	3 46 37	25°21'34	28°54	14°33	8°54	20° 0	3°43	6°57	8°53	16°37	16°38	13°20	12°13	14°38	8°16	F 18
S 19	3 50 34	26°22'13	13♎14	16° 8	10°10	20°38	3°49	7° 4	8°56	16°35	16°39	13°17	12°10	14°44	8°D16	S 19
S 20	3 54 30	27°22'54	27°36	17°42	11°25	21°17	3°55	7°10	8°59	16°33	16°40	13°11	12° 7	14°51	8°16	S 20
M21	3 58 27	28°23'37	11♏55	19°17	12°40	21°55	4° 1	7°17	9° 1	16°32	16°41	13° 3	12° 4	14°57	8°16	M21
T 22	4 2 23	29°24'21	26° 4	20°52	13°55	22°34	4° 6	7°24	9° 4	16°30	16°42	12°51	12° 0	15° 4	8°16	T 22
W23	4 6 20	0♐25'07	9♐58	22°27	15°11	23°13	4°11	7°31	9° 7	16°28	16°43	12°39	11°57	15°11	8°16	W23
T 24	4 10 16	1°25'54	23°33	24° 2	16°26	23°51	4°17	7°38	9°10	16°27	16°44	12°26	11°54	15°17	8°16	T 24
F 25	4 14 13	2°26'42	6♑46	25°36	17°42	24°30	4°22	7°45	9°12	16°25	16°45	12°15	11°51	15°24	8°17	F 25
S 26	4 18 10	3°27'31	19°37	27°11	18°57	25° 9	4°26	7°52	9°15	16°23	16°45	12° 6	11°48	15°31	8°17	S 26
S 27	4 22 6	4°28'22	2♒ 6	28°45	20°12	25°47	4°31	7°58	9°17	16°22	16°46	11°59	11°45	15°37	8°17	S 27
M28	4 26 3	5°29'13	14°18	0♐20	21°28	26°26	4°35	8° 5	9°20	16°20	16°47	11°56	11°41	15°44	8°18	M28
T 29	4 29 59	6°30'05	26°16	1°54	22°43	27° 5	4°40	8°12	9°22	16°19	16°48	11°54	11°38	15°51	8°18	T 29
W30	4 33 56	7♐30'58	8♓ 6	3♐28	23♏58	27♎43	4♍44	8♏18	9♎25	16♉17	16♍48	11♍54	11♍35	15♓57	8♓19	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s17	13s10	2n17	5s40	2n12	5s29	1n34	2s39	1n 2	11n42	0n52	11s 6	2n13	2s33	0n41	15n12	1s50	18n41	14n27	6n 3	6n39	6s45	3s35	5n13
W 2	14 36	10 12	1 17	6 6	2 13	5 58	1 33	2 55	1 2	11 40	0 52	11 8	2 13	2 34	0 41	15 11	1 50	18 41	14 28	6 3	6 40	6 44	3 35	5 13
T 3	14 55	6 51	0 14	6 34	2 12	6 27	1 33	3 10	1 1	11 37	0 53	11 11	2 13	2 36	0 41	15 11	1 50	18 41	14 28	6 3	6 41	6 42	3 36	5 13
F 4	15 14	3 12	0s49	7 5	2 11	6 55	1 32	3 25	1 1	11 34	0 53	11 13	2 13	2 37	0 41	15 10	1 50	18 41	14 28	6 3	6 42	6 40	3 37	5 12
S 5	15 32	0n36	1 51	7 36	2 8	7 24	1 32	3 41	1 1	11 32	0 53	11 15	2 13	2 38	0 41	15 10	1 50	18 41	14 29	6 4	6 43	6 38	3 37	5 12
S 6	15 51	4 26	2 48	8 10	2 5	7 52	1 31	3 56	1 1	11 29	0 53	11 18	2 13	2 40	0 41	15 10	1 50	18 40	14 29	6 6	6 45	6 37	3 38	5 12
M 7	16 9	8 9	3 39	8 44	2 2	8 20	1 30	4 11	1 0	11 26	0 54	11 20	2 13	2 41	0 41	15 9	1 50	18 40	14 30	6 9	6 46	6 35	3 39	5 11
T 8	16 26	11 34	4 19	9 19	1 58	8 48	1 29	4 26	1 0	11 24	0 54	11 23	2 13	2 42	0 41	15 9	1 50	18 40	14 30	6 12	6 47	6 33	3 39	5 11
W 9	16 44	14 31	4 48	9 55	1 53	9 16	1 28	4 41	1 0	11 21	0 54	11 25	2 13	2 43	0 41	15 8	1 50	18 40	14 31	6 17	6 48	6 31	3 40	5 11
T 10	17 1	16 47	5 2	10 31	1 48	9 44	1 27	4 57	1 0	11 19	0 54	11 27	2 13	2 45	0 41	15 8	1 50	18 40	14 31	6 21	6 49	6 30	3 40	5 10
F 11	17 18	18 13	5 0	11 7	1 43	10 11	1 26	5 12	0 59	11 17	0 54	11 29	2 13	2 46	0 41	15 7	1 50	18 40	14 31	6 25	6 51	6 28	3 41	5 10
S 12	17 35	18 40	4 42	11 43	1 37	10 38	1 25	5 27	0 59	11 14	0 55	11 32	2 13	2 47	0 41	15 7	1 50	18 40	14 32	6 29	6 52	6 26	3 41	5 9
S 13	17 51	18 3	4 8	12 20	1 31	11 5	1 24	5 42	0 59	11 12	0 55	11 34	2 13	2 48	0 41	15 6	1 50	18 40	14 32	6 31	6 53	6 24	3 42	5 9
M14	18 7	16 23	3 19	12 56	1 25	11 32	1 23	5 57	0 59	11 10	0 55	11 36	2 13	2 49	0 41	15 6	1 50	18 40	14 33	6 33	6 54	6 23	3 42	5 9
T 15	18 23	13 44	2 18	13 32	1 19	11 58	1 22	6 12	0 58	11 8	0 55	11 39	2 13	2 51	0 41	15 5	1 50	18 40	14 33	6 33	6 56	6 21	3 43	5 8
W16	18 38	10 16	1 8	14 7	1 12	12 25	1 20	6 27	0 58	11 6	0 56	11 41	2 13	2 52	0 41	15 5	1 50	18 40	14 34	6 33	6 57	6 19	3 43	5 8
T 17	18 53	6 10	0n 7	14 43	1 6	12 50	1 19	6 41	0 58	11 4	0 56	11 43	2 13	2 53	0 41	15 4	1 50	18 40	14 34	6 33	6 58	6 17	3 43	5 8
F 18	19 8	1 41	1 22	15 17	0 59	13 16	1 17	6 56	0 58	11 2	0 56	11 45	2 13	2 54	0 41	15 4	1 50	18 40	14 35	6 33	6 59	6 16	3 44	5 7
S 19	19 22	2s54	2 32	15 51	0 52	13 41	1 16	7 11	0 57	11 0	0 56	11 48	2 13	2 55	0 41	15 3	1 50	18 40	14 35	6 35	7 0	6 14	3 44	5 7
S 20	19 36	7 20	3 32	16 25	0 45	14 6	1 14	7 26	0 57	10 58	0 57	11 50	2 13	2 56	0 41	15 3	1 50	18 40	14 36	6 37	7 2	6 12	3 45	5 7
M21	19 50	11 20	4 18	16 57	0 38	14 31	1 13	7 41	0 57	10 56	0 57	11 52	2 13	2 57	0 41	15 2	1 50	18 40	14 36	6 40	7 3	6 10	3 45	5 6
T 22	20 3	14 37	4 48	17 30	0 31	14 55	1 11	7 55	0 56	10 54	0 57	11 54	2 13	2 58	0 41	15 2	1 50	18 40	14 37	6 45	7 4	6 9	3 45	5 6
W23	20 16	17 1	5 1	18 1	0 25	15 18	1 9	8 10	0 56	10 53	0 57	11 56	2 13	2 59	0 41	15 2	1 50	18 40	14 37	6 49	7 5	6 7	3 45	5 6
T 24	20 29	18 24	4 56	18 31	0 18	15 42	1 8	8 24	0 56	10 51	0 58	11 58	2 13	3 0	0 41	15 1	1 50	18 40	14 38	6 54	7 6	6 5	3 46	5 5
F 25	20 41	18 44	4 34	19 1	0 11	16 5	1 6	8 39	0 56	10 49	0 58	12 1	2 13	3 1	0 41	15 1	1 50	18 40	14 38	6 59	7 8	6 3	3 46	5 5
S 26	20 53	18 5	4 0	19 30	0 4	16 27	1 4	8 53	0 55	10 48	0 58	12 3	2 13	3 2	0 41	15 0	1 50	18 40	14 39	7 2	7 9	6 2	3 46	5 4
S 27	21 4	16 34	3 14	19 58	0s 3	16 49	1 2	9 8	0 55	10 46	0 58	12 5	2 14	3 3	0 41	15 0	1 50	18 41	14 39	7 5	7 10	6 0	3 46	5 4
M28	21 15	14 19	2 21	20 24	0 10	17 11	1 0	9 22	0 55	10 45	0 59	12 7	2 14	3 4	0 41	14 59	1 50	18 41	14 40	7 6	7 11	5 58	3 46	5 4
T 29	21 26	11 30	1 22	20 50	0 16	17 32	0 58	9 36	0 54	10 44	0 59	12 9	2 14	3 5	0 41	14 59	1 50	18 41	14 40	7 7	7 13	5 56	3 46	5 3
W30	21s36	8s14	0n20	21s15	0s23	17s53	0n56	9s50	0n54	10n42	0n59	12s11	2n14	3s 6	0n41	14n59	1s50	18n41	14n41	7n 7	7n14	5s55	3s47	5n 3

Julian Day Number = 2348850.5, Delta T = 10.51 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'55, Lahiri = 19°55'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1718
geocentric

DECEMBER 1718 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 52	8♐31'51	19♓54	5♐ 3	25♏14	28♎22	4♍48	8♏25	9♎27	16°R16	16♍49	11°R54	11♍32	16♓ 4	8♓20	T 1
F 2	4 41 49	9°32'46	1♈44	6°37	26°29	29° 1	4°52	8°31	9°30	16♉14	16°49	11♍53	11°29	16°11	8°20	F 2
S 3	4 45 45	10°33'41	13°43	8°11	27°45	29°39	4°55	8°38	9°32	16°13	16°50	11°49	11°26	16°17	8°21	S 3
S 4	4 49 42	11°34'37	25°54	9°45	29° 0	0♏18	4°59	8°44	9°34	16°11	16°51	11°44	11°22	16°24	8°22	S 4
M 5	4 53 39	12°35'33	8♉22	11°20	0♐15	0°57	5° 2	8°51	9°36	16°10	16°51	11°35	11°19	16°30	8°23	M 5
T 6	4 57 35	13°36'31	21° 8	12°54	1°31	1°36	5° 5	8°57	9°39	16° 8	16°52	11°24	11°16	16°37	8°24	T 6
W 7	5 1 32	14°37'29	4♊14	14°28	2°46	2°14	5° 8	9° 4	9°41	16° 7	16°52	11°11	11°13	16°44	8°25	W 7
T 8	5 5 28	15°38'29	17°38	16° 2	4° 2	2°53	5°10	9°10	9°43	16° 5	16°52	10°57	11°10	16°50	8°26	T 8
F 9	5 9 25	16°39'29	1♋18	17°37	5°17	3°32	5°13	9°16	9°45	16° 4	16°53	10°45	11° 6	16°57	8°27	F 9
S 10	5 13 21	17°40'29	15°10	19°11	6°33	4°11	5°15	9°22	9°47	16° 2	16°53	10°34	11° 3	17° 4	8°28	S 10
S 11	5 17 18	18°41'31	29°10	20°46	7°48	4°49	5°17	9°28	9°49	16° 1	16°53	10°26	11° 0	17°10	8°30	S 11
M12	5 21 14	19°42'34	13♌14	22°21	9° 4	5°28	5°19	9°35	9°51	16° 0	16°54	10°21	10°57	17°17	8°31	M12
T 13	5 25 11	20°43'37	27°20	23°55	10°19	6° 7	5°21	9°41	9°52	15°58	16°54	10°19	10°54	17°24	8°32	T 13
W14	5 29 8	21°44'42	11♍27	25°30	11°35	6°46	5°23	9°47	9°54	15°57	16°54	10°D18	10°51	17°30	8°34	W14
T 15	5 33 4	22°45'47	25°31	27° 6	12°50	7°24	5°24	9°53	9°56	15°56	16°54	10°R18	10°47	17°37	8°35	T 15
F 16	5 37 1	23°46'53	9♎34	28°41	14° 5	8° 3	5°25	9°58	9°58	15°54	16°54	10°18	10°44	17°44	8°37	F 16
S 17	5 40 57	24°48'01	23°35	0♏16	15°21	8°42	5°26	10° 4	9°59	15°53	16°55	10°15	10°41	17°50	8°38	S 17
S 18	5 44 54	25°49'08	7♏31	1°52	16°36	9°21	5°27	10°10	10° 1	15°52	16°55	10° 9	10°38	17°57	8°40	S 18
M19	5 48 50	26°50'17	21°22	3°28	17°52	10° 0	5°28	10°16	10° 2	15°51	16°55	10° 0	10°35	18° 4	8°42	M19
T 20	5 52 47	27°51'26	5♐ 4	5° 4	19° 8	10°38	5°28	10°21	10° 4	15°50	16°R55	9°50	10°31	18°10	8°43	T 20
W21	5 56 43	28°52'36	18°35	6°40	20°23	11°17	5°28	10°27	10° 5	15°49	16°55	9°37	10°28	18°17	8°45	W21
T 22	6 0 40	29°53'46	1♏50	8°16	21°39	11°56	5°R28	10°33	10° 7	15°47	16°55	9°25	10°25	18°23	8°47	T 22
F 23	6 4 37	0♏54'57	14°49	9°53	22°54	12°35	5°28	10°38	10° 8	15°46	16°55	9°13	10°22	18°30	8°49	F 23
S 24	6 8 33	1°56'07	27°31	11°29	24°10	13°14	5°28	10°44	10° 9	15°45	16°54	9° 4	10°19	18°37	8°51	S 24
S 25	6 12 30	2°57'18	9♒55	13° 6	25°25	13°53	5°27	10°49	10°10	15°44	16°54	8°57	10°16	18°43	8°53	S 25
M26	6 16 26	3°58'29	22° 5	14°42	26°41	14°31	5°26	10°54	10°11	15°43	16°54	8°53	10°12	18°50	8°55	M26
T 27	6 20 23	4°59'40	4♓ 2	16°19	27°56	15°10	5°25	10°59	10°13	15°42	16°54	8°D52	10° 9	18°57	8°57	T 27
W28	6 24 19	6° 0'50	15°52	17°56	29°12	15°49	5°24	11° 4	10°14	15°41	16°54	8°52	10° 6	19° 3	8°59	W28
T 29	6 28 16	7° 2'00	27°39	19°32	0♏27	16°28	5°23	11°10	10°15	15°40	16°53	8°52	10° 3	19°10	9° 2	T 29
F 30	6 32 12	8° 3'11	9♈29	21° 8	1°43	17° 7	5°21	11°15	10°15	15°39	16°53	8°R53	10° 0	19°17	9° 4	F 30
S 31	6 36 9	9♏ 4'20	21♈27	22♏44	2♏58	17♏46	5♍19	11♏19	10♎16	15♉39	16♍53	8♍52	9♍57	19♓23	9♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s45	4 s39	0 s42	21 s39	0 s30	18 s13	0n54	10 s 4	0n54	10n41	0n59	12 s13	2n14	3 s 7	0n41	14n58	1 s50	18n41	14n41	7n 7	7n15	5 s53	3 s47	5n 3
F 2	21 55	0 53	1 43	22 2	0 36	18 33	0 52	10 18	0 53	10 40	1 0	12 15	2 14	3 8	0 41	14 58	1 50	18 42	14 42	7 7	7 16	5 51	3 47	5 2
S 3	22 4	2n58	2 40	22 24	0 42	18 52	0 50	10 32	0 53	10 39	1 0	12 17	2 14	3 9	0 41	14 57	1 50	18 42	14 42	7 8	7 17	5 49	3 47	5 2
S 4	22 12	6 45	3 30	22 45	0 48	19 11	0 48	10 46	0 53	10 38	1 0	12 19	2 14	3 10	0 41	14 57	1 50	18 42	14 43	7 10	7 19	5 47	3 47	5 2
M 5	22 20	10 20	4 12	23 4	0 54	19 29	0 46	11 0	0 52	10 37	1 0	12 21	2 14	3 11	0 41	14 57	1 50	18 42	14 43	7 14	7 20	5 46	3 47	5 1
T 6	22 28	13 32	4 42	23 22	1 0	19 47	0 43	11 14	0 52	10 36	1 1	12 23	2 14	3 12	0 41	14 56	1 50	18 43	14 44	7 18	7 21	5 44	3 47	5 1
W 7	22 35	16 8	4 58	23 40	1 6	20 4	0 41	11 28	0 52	10 35	1 1	12 25	2 14	3 12	0 41	14 56	1 50	18 43	14 44	7 23	7 22	5 42	3 47	5 1
T 8	22 42	17 57	4 58	23 56	1 12	20 21	0 39	11 41	0 51	10 35	1 1	12 27	2 15	3 13	0 41	14 55	1 50	18 43	14 45	7 28	7 23	5 40	3 47	5 0
F 9	22 48	18 47	4 42	24 10	1 17	20 37	0 37	11 55	0 51	10 34	1 1	12 28	2 15	3 14	0 41	14 55	1 50	18 44	14 45	7 33	7 25	5 39	3 46	5 0
S 10	22 54	18 30	4 8	24 24	1 22	20 52	0 34	12 8	0 51	10 33	1 2	12 30	2 15	3 15	0 41	14 55	1 50	18 44	14 46	7 37	7 26	5 37	3 46	4 59
S 11	22 59	17 6	3 19	24 36	1 27	21 7	0 32	12 22	0 50	10 33	1 2	12 32	2 15	3 15	0 41	14 54	1 50	18 44	14 46	7 40	7 27	5 35	3 46	4 59
M12	23 4	14 40	2 18	24 47	1 32	21 21	0 30	12 35	0 50	10 32	1 2	12 34	2 15	3 16	0 41	14 54	1 50	18 45	14 47	7 42	7 28	5 33	3 46	4 59
T 13	23 9	11 21	1 8	24 56	1 37	21 35	0 27	12 48	0 49	10 32	1 2	12 36	2 15	3 17	0 42	14 54	1 50	18 45	14 47	7 43	7 29	5 31	3 46	4 58
W14	23 13	7 23	0n 6	25 5	1 41	21 47	0 25	13 1	0 49	10 32	1 3	12 37	2 15	3 17	0 42	14 53	1 50	18 46	14 48	7 43	7 31	5 30	3 46	4 58
T 15	23 17	3 0	1 20	25 11	1 45	22 0	0 23	13 14	0 49	10 31	1 3	12 39	2 15	3 18	0 42	14 53	1 50	18 46	14 49	7 43	7 32	5 28	3 45	4 58
F 16	23 20	1 s31	2 29	25 17	1 49	22 11	0 20	13 27	0 48	10 31	1 3	12 41	2 16	3 19	0 42	14 53	1 49	18 46	14 49	7 43	7 33	5 26	3 45	4 57
S 17	23 22	5 57	3 28	25 21	1 52	22 22	0 18	13 40	0 48	10 31	1 4	12 43	2 16	3 19	0 42	14 52	1 49	18 47	14 50	7 44	7 34	5 24	3 45	4 57
S 18	23 24	10 1	4 15	25 23	1 56	22 33	0 15	13 53	0 47	10 31	1 4	12 44	2 16	3 20	0 42	14 52	1 49	18 47	14 50	7 46	7 35	5 23	3 45	4 57
M19	23 26	13 31	4 46	25 24	1 59	22 42	0 13	14 5	0 47	10 31	1 4	12 46	2 16	3 20	0 42	14 52	1 49	18 48	14 51	7 50	7 37	5 21	3 44	4 56
T 20	23 27	16 14	5 1	25 24	2 1	22 51	0 11	14 18	0 47	10 31	1 4	12 48	2 16	3 21	0 42	14 51	1 49	18 48	14 51	7 54	7 38	5 19	3 44	4 56
W21	23 28	18 2	4 58	25 22	2 4	22 59	0 8	14 30	0 46	10 31	1 5	12 49	2 16	3 22	0 42	14 51	1 49	18 49	14 52	7 58	7 39	5 17	3 44	4 56
T 22	23 28	18 48	4 39	25 19	2 6	23 7	0 6	14 43	0 46	10 32	1 5	12 51	2 16	3 22	0 42	14 51	1 49	18 49	14 52	8 3	7 40	5 15	3 43	4 55
F 23	23 28	18 34	4 6	25 13	2 8	23 14	0 3	14 55	0 45	10 32	1 5	12 52	2 17	3 23	0 42	14 51	1 49	18 50	14 53	8 7	7 41	5 14	3 43	4 55
S 24	23 28	17 24	3 22	25 7	2 9	23 20	0 1	15 7	0 45	10 32	1 5	12 54	2 17	3 23	0 42	14 50	1 49	18 50	14 53	8 11	7 43	5 12	3 42	4 55
S 25	23 26	15 25	2 28	24 59	2 10	23 25	0 s 2	15 19	0 44	10 33	1 6	12 55	2 17	3 23	0 42	14 50	1 49	18 51	14 54	8 13	7 44	5 10	3 42	4 54
M26	23 25	12 46	1 28	24 49	2 10	23 30	0 4	15 31	0 44	10 33	1 6	12 57	2 17	3 24	0 42	14 50	1 49	18 51	14 54	8 15	7 45	5 8	3 41	4 54
T 27	23 23	9 39	0 26	24 38	2 10	23 34	0 6	15 43	0 43	10 34	1 6	12 58	2 17	3 24	0 42	14 50	1 49	18 52	14 55	8 16	7 46	5 6	3 41	4 54
W28	23 20	6 9	0 s37	24 25	2 10	23 37	0 9	15 55	0 43	10 35	1 7	13 0	2 17	3 25	0 42	14 49	1 49	18 52	14 55	8 16	7 47	5 5	3 40	4 54
T 29	23 17	2 27	1 39	24 10	2 9	23 40	0 11	16 6	0 42	10 35	1 7	13 1	2 17	3 25	0 42	14 49	1 49	18 53	14 56	8 15	7 49	5 3	3 40	4 53
F 30	23 14	1n22	2 36	23 54	2 7	23 41	0 14	16 18	0 42	10 36	1 7	13 3	2 18	3 25	0 42	14 49	1 49	18 54	14 56	8 15	7 50	5 1	3 39	4 53
S 31	23 s10	5n10	3 s28	23 s36	2 s 5	23 s42	0 s16	16 s29	0n41	10n37	1n 7	13 s 4	2n18	3 s26	0n42	14n49	1 s49	18n54	14n57	8n16	7n51	4 s59	3 s39	4n53

Julian Day Number = 2348880.5, Delta T = 10.51 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°48'59, Lahiri = 19°55'59Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1719
geocentric

JANUARY 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 6	10♑ 5'30	3♉39	24♑20	4♑14	18♏24	5°R18	11♏24	10♎17	15°R38	16°R52	8°R49	9♍53	19♓30	9♓ 8	S 1
M 2	6 44 2	11° 6'39	16° 9	25°54	5°29	19° 3	5♍15	11°29	10°18	15♉37	16♍52	8♍43	9°50	19°37	9°11	M 2
T 3	6 47 59	12° 7'48	29° 0	27°28	6°44	19°42	5°13	11°34	10°19	15°36	16°51	8°36	9°47	19°43	9°13	T 3
W 4	6 51 55	13° 8'57	12♊15	29° 1	8° 0	20°21	5°11	11°38	10°19	15°35	16°51	8°27	9°44	19°50	9°16	W 4
T 5	6 55 52	14°10'05	25°54	0♒33	9°15	21° 0	5° 8	11°43	10°20	15°35	16°50	8°17	9°41	19°57	9°18	T 5
F 6	6 59 48	15°11'13	9♋54	2° 2	10°31	21°39	5° 5	11°47	10°20	15°34	16°50	8° 8	9°37	20° 3	9°21	F 6
S 7	7 3 45	16°12'21	24°11	3°30	11°46	22°18	5° 2	11°52	10°21	15°33	16°49	8° 0	9°34	20°10	9°23	S 7
S 8	7 7 42	17°13'28	8♌38	4°56	13° 2	22°56	4°59	11°56	10°21	15°33	16°49	7°54	9°31	20°16	9°26	S 8
M 9	7 11 38	18°14'35	23°11	6°18	14°17	23°35	4°55	12° 0	10°22	15°32	16°48	7°51	9°28	20°23	9°29	M 9
T 10	7 15 35	19°15'42	7♍42	7°37	15°33	24°14	4°52	12° 5	10°22	15°31	16°47	7°D50	9°25	20°30	9°32	T 10
W11	7 19 31	20°16'49	22° 7	8°52	16°48	24°53	4°48	12° 9	10°22	15°31	16°47	7°51	9°22	20°36	9°34	W11
T 12	7 23 28	21°17'56	6♎23	10° 2	18° 4	25°32	4°44	12°13	10°22	15°30	16°46	7°52	9°18	20°43	9°37	T 12
F 13	7 27 24	22°19'02	20°29	11° 7	19°19	26°11	4°40	12°17	10°23	15°30	16°45	7°R53	9°15	20°50	9°40	F 13
S 14	7 31 21	23°20'08	4♏22	12° 6	20°34	26°50	4°36	12°20	10°23	15°30	16°44	7°52	9°12	20°56	9°43	S 14
S 15	7 35 17	24°21'14	18° 4	12°57	21°50	27°29	4°31	12°24	10°R23	15°29	16°44	7°50	9° 9	21° 3	9°46	S 15
M16	7 39 14	25°22'20	1♐33	13°41	23° 5	28° 7	4°26	12°28	10°23	15°29	16°43	7°45	9° 6	21°10	9°49	M16
T 17	7 43 11	26°23'25	14°51	14°15	24°21	28°46	4°22	12°31	10°23	15°28	16°42	7°39	9° 3	21°16	9°52	T 17
W18	7 47 7	27°24'30	27°55	14°40	25°36	29°25	4°17	12°35	10°22	15°28	16°41	7°32	8°59	21°23	9°55	W18
T 19	7 51 4	28°25'34	10♑47	14°54	26°52	0♐ 4	4°12	12°38	10°22	15°28	16°40	7°24	8°56	21°30	9°58	T 19
F 20	7 55 0	29°26'38	23°26	14°R58	28° 7	0°43	4° 6	12°42	10°22	15°28	16°39	7°18	8°53	21°36	10° 1	F 20
S 21	7 58 57	0♒27'40	5♒53	14°50	29°22	1°22	4° 1	12°45	10°22	15°28	16°38	7°12	8°50	21°43	10° 4	S 21
S 22	8 2 53	1°28'42	18° 6	14°30	0♒38	2° 1	3°55	12°48	10°21	15°27	16°37	7° 8	8°47	21°50	10° 8	S 22
M23	8 6 50	2°29'43	0♓ 9	14° 0	1°53	2°40	3°49	12°51	10°21	15°27	16°36	7° 7	8°43	21°56	10°11	M23
T 24	8 10 46	3°30'43	12° 3	13°18	3° 9	3°19	3°44	12°54	10°20	15°27	16°35	7°D 6	8°40	22° 3	10°14	T 24
W25	8 14 43	4°31'42	23°52	12°27	4°24	3°57	3°38	12°57	10°20	15°27	16°34	7° 8	8°37	22°10	10°17	W25
T 26	8 18 40	5°32'40	5♈39	11°27	5°39	4°36	3°31	12°59	10°19	15°D27	16°33	7° 9	8°34	22°16	10°21	T 26
F 27	8 22 36	6°33'36	17°28	10°21	6°55	5°15	3°25	13° 2	10°19	15°27	16°32	7°11	8°31	22°23	10°24	F 27
S 28	8 26 33	7°34'31	29°25	9°10	8°10	5°54	3°19	13° 4	10°18	15°27	16°31	7°13	8°28	22°29	10°27	S 28
S 29	8 30 29	8°35'25	11♉34	7°56	9°25	6°33	3°12	13° 7	10°17	15°27	16°30	7°R13	8°24	22°36	10°31	S 29
M30	8 34 26	9°36'18	24° 1	6°42	10°41	7°12	3° 6	13° 9	10°16	15°27	16°28	7°12	8°21	22°43	10°34	M30
T 31	8 38 22	10♒37'09	6♊49	5♒30	11♒56	7♐51	2♍59	13♏12	10♎16	15♉28	16♍27	7♍10	8♍18	22♓49	10♓38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 5	8n49	4s11	23s17	2s 2	23s43	0s18	16s40	0n41	10n38	1n 8	13s 5	2n18	3s26	0n42	14n48	1s49	18n55	14n57	8n17	7n52	4s57	3s38	4n52
M 2	23 0	12 11	4 43	22 56	1 59	23 42	0 21	16 52	0 40	10 39	1 8	13 6	2 18	3 26	0 42	14 48	1 49	18 55	14 58	8 19	7 53	4 55	3 38	4 52
T 3	22 55	15 3	5 2	22 34	1 55	23 41	0 23	17 3	0 40	10 40	1 8	13 8	2 18	3 26	0 42	14 48	1 49	18 56	14 58	8 21	7 55	4 54	3 37	4 52
W 4	22 49	17 15	5 5	22 11	1 50	23 39	0 25	17 14	0 39	10 41	1 8	13 9	2 19	3 27	0 42	14 48	1 49	18 57	14 59	8 25	7 56	4 52	3 36	4 51
T 5	22 43	18 33	4 52	21 46	1 44	23 36	0 28	17 24	0 39	10 42	1 9	13 10	2 19	3 27	0 42	14 48	1 48	18 57	14 59	8 28	7 57	4 50	3 36	4 51
F 6	22 36	18 46	4 21	21 20	1 38	23 33	0 30	17 35	0 38	10 44	1 9	13 11	2 19	3 27	0 42	14 48	1 48	18 58	15 0	8 32	7 58	4 48	3 35	4 51
S 7	22 29	17 49	3 33	20 52	1 31	23 29	0 32	17 45	0 38	10 45	1 9	13 13	2 19	3 27	0 42	14 48	1 48	18 59	15 0	8 35	7 59	4 46	3 34	4 51
S 8	22 22	15 42	2 31	20 24	1 23	23 24	0 34	17 56	0 37	10 47	1 9	13 14	2 19	3 27	0 42	14 47	1 48	18 59	15 1	8 37	8 1	4 45	3 33	4 50
M 9	22 14	12 35	1 18	19 55	1 14	23 19	0 36	18 6	0 37	10 48	1 10	13 15	2 19	3 27	0 42	14 47	1 48	19 0	15 1	8 38	8 2	4 43	3 33	4 50
T 10	22 5	8 41	0 1	19 26	1 4	23 12	0 39	18 16	0 36	10 50	1 10	13 16	2 20	3 28	0 42	14 47	1 48	19 1	15 2	8 39	8 3	4 41	3 32	4 50
W11	21 56	4 18	1n16	18 56	0 54	23 5	0 41	18 26	0 36	10 51	1 10	13 17	2 20	3 28	0 43	14 47	1 48	19 1	15 2	8 38	8 4	4 39	3 31	4 50
T 12	21 47	0s16	2 28	18 26	0 42	22 58	0 43	18 36	0 35	10 53	1 10	13 18	2 20	3 28	0 43	14 47	1 48	19 2	15 3	8 38	8 5	4 37	3 30	4 49
F 13	21 37	4 46	3 30	17 56	0 29	22 49	0 45	18 46	0 35	10 55	1 11	13 19	2 20	3 28	0 43	14 47	1 48	19 3	15 3	8 38	8 7	4 35	3 29	4 49
S 14	21 27	8 56	4 19	17 26	0 15	22 40	0 47	18 55	0 34	10 56	1 11	13 20	2 20	3 28	0 43	14 47	1 48	19 3	15 4	8 38	8 8	4 34	3 29	4 49
S 15	21 17	12 34	4 52	16 58	0 1	22 30	0 49	19 5	0 33	10 58	1 11	13 21	2 21	3 28	0 43	14 47	1 48	19 4	15 4	8 39	8 9	4 32	3 28	4 48
M16	21 6	15 28	5 8	16 30	0n15	22 20	0 51	19 14	0 33	11 0	1 11	13 22	2 21	3 28	0 43	14 47	1 48	19 5	15 4	8 40	8 10	4 30	3 27	4 48
T 17	20 54	17 31	5 7	16 5	0 31	22 9	0 53	19 23	0 32	11 2	1 12	13 23	2 21	3 28	0 43	14 47	1 48	19 6	15 5	8 43	8 11	4 28	3 26	4 48
W18	20 42	18 37	4 50	15 41	0 48	21 57	0 55	19 32	0 32	11 4	1 12	13 24	2 21	3 27	0 43	14 47	1 48	19 6	15 5	8 45	8 13	4 26	3 25	4 48
T 19	20 30	18 44	4 19	15 20	1 6	21 44	0 56	19 41	0 31	11 6	1 12	13 24	2 21	3 27	0 43	14 47	1 48	19 7	15 6	8 48	8 14	4 24	3 24	4 48
F 20	20 18	17 54	3 35	15 2	1 24	21 31	0 58	19 50	0 30	11 9	1 12	13 25	2 22	3 27	0 43	14 47	1 48	19 8	15 6	8 51	8 15	4 23	3 23	4 47
S 21	20 5	16 13	2 42	14 47	1 42	21 17	1 0	19 59	0 30	11 11	1 13	13 26	2 22	3 27	0 43	14 47	1 48	19 9	15 7	8 53	8 16	4 21	3 22	4 47
S 22	19 52	13 48	1 42	14 35	2 0	21 3	1 2	20 7	0 29	11 13	1 13	13 27	2 22	3 27	0 43	14 47	1 47	19 9	15 7	8 54	8 17	4 19	3 21	4 47
M23	19 38	10 51	0 38	14 27	2 18	20 48	1 3	20 15	0 28	11 15	1 13	13 27	2 22	3 27	0 43	14 47	1 47	19 10	15 7	8 55	8 19	4 17	3 20	4 47
T 24	19 24	7 28	0s27	14 23	2 34	20 32	1 5	20 24	0 28	11 18	1 13	13 28	2 23	3 26	0 43	14 47	1 47	19 11	15 8	8 55	8 20	4 15	3 19	4 46
W25	19 9	3 50	1 31	14 23	2 50	20 16	1 6	20 32	0 27	11 20	1 13	13 29	2 23	3 26	0 43	14 47	1 47	19 12	15 8	8 54	8 21	4 13	3 18	4 46
T 26	18 55	0 3	2 30	14 26	3 3	19 59	1 8	20 39	0 26	11 22	1 14	13 29	2 23	3 26	0 43	14 47	1 47	19 13	15 9	8 54	8 22	4 12	3 17	4 46
F 27	18 40	3n44	3 24	14 32	3 15	19 41	1 9	20 47	0 26	11 25	1 14	13 30	2 23	3 26	0 43	14 47	1 47	19 13	15 9	8 53	8 23	4 10	3 16	4 46
S 28	18 24	7 24	4 9	14 42	3 25	19 23	1 11	20 55	0 25	11 27	1 14	13 30	2 23	3 25	0 43	14 47	1 47	19 14	15 9	8 53	8 25	4 8	3 15	4 46
S 29	18 8	10 49	4 44	14 53	3 32	19 5	1 12	21 2	0 24	11 30	1 14	13 31	2 24	3 25	0 43	14 47	1 47	19 15	15 10	8 52	8 26	4 6	3 14	4 45
M30	17 52	13 51	5 6	15 7	3 37	18 46	1 13	21 9	0 24	11 33	1 14	13 31	2 24	3 25	0 43	14 47	1 47	19 16	15 10	8 53	8 27	4 4	3 13	4 45
T 31	17s36	16n18	5s15	15s23	3n39	18s26	1s15	21s16	0n23	11n35	1n15	13s32	2n24	3s24	0n43	14n47	1s47	19n17	15n10	8n54	8n28	4s 2	3s12	4n45

Julian Day Number = 2348911.5, Delta T = 10.50 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'03, Lahiri = 19°56'04Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1719
geocentric

FEBRUARY 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 42 19	11♒37'58	20♊ 2	4°R21	13♒11	8♐29	2°R52	13♏14	10°R15	15♉28	16°R26	7°R 6	8♍15	22♓56	10♓41	W 1
T 2	8 46 15	12°38'47	3♋43	3♒17	14°26	9° 8	2♍45	13°16	10♎14	15°28	16♍25	7♍ 3	8°12	23° 3	10°45	T 2
F 3	8 50 12	13°39'34	17°49	2°20	15°42	9°47	2°38	13°18	10°13	15°28	16°23	6°59	8° 9	23° 9	10°48	F 3
S 4	8 54 9	14°40'19	2♌18	1°30	16°57	10°26	2°31	13°20	10°12	15°28	16°22	6°56	8° 5	23°16	10°52	S 4
S 5	8 58 5	15°41'04	17° 5	0°47	18°12	11° 5	2°24	13°21	10°11	15°29	16°21	6°54	8° 2	23°23	10°55	S 5
M 6	9 2 2	16°41'46	2♍ 1	0°13	19°27	11°43	2°16	13°23	10° 9	15°29	16°20	6°D53	7°59	23°29	10°59	M 6
T 7	9 5 58	17°42'28	16°59	29♑47	20°43	12°22	2° 9	13°24	10° 8	15°30	16°18	6°53	7°56	23°36	11° 2	T 7
W 8	9 9 55	18°43'08	1♎50	29°29	21°58	13° 1	2° 1	13°26	10° 7	15°30	16°17	6°54	7°53	23°43	11° 6	W 8
T 9	9 13 51	19°43'48	16°28	29°18	23°13	13°40	1°54	13°27	10° 6	15°30	16°15	6°55	7°49	23°49	11°10	T 9
F 10	9 17 48	20°44'26	0♏49	29°D16	24°28	14°19	1°46	13°28	10° 4	15°31	16°14	6°57	7°46	23°56	11°13	F 10
S 11	9 21 44	21°45'03	14°50	29°20	25°43	14°57	1°39	13°30	10° 3	15°32	16°13	6°57	7°43	24° 3	11°17	S 11
S 12	9 25 41	22°45'38	28°31	29°31	26°58	15°36	1°31	13°31	10° 2	15°32	16°11	6°R57	7°40	24° 9	11°21	S 12
M13	9 29 38	23°46'13	11♐51	29°48	28°14	16°15	1°23	13°32	10° 0	15°33	16°10	6°57	7°37	24°16	11°24	M13
T 14	9 33 34	24°46'46	24°54	0♒12	29°29	16°54	1°15	13°32	9°59	15°33	16° 8	6°56	7°34	24°23	11°28	T 14
W15	9 37 31	25°47'19	7♑41	0°40	0♓44	17°33	1° 8	13°33	9°57	15°34	16° 7	6°54	7°30	24°29	11°32	W15
T 16	9 41 27	26°47'49	20°13	1°13	1°59	18°11	1° 0	13°34	9°55	15°35	16° 5	6°52	7°27	24°36	11°36	T 16
F 17	9 45 24	27°48'19	2♒33	1°51	3°14	18°50	0°52	13°34	9°54	15°35	16° 4	6°51	7°24	24°42	11°39	F 17
S 18	9 49 20	28°48'46	14°43	2°33	4°29	19°29	0°44	13°35	9°52	15°36	16° 2	6°50	7°21	24°49	11°43	S 18
S 19	9 53 17	29°49'13	26°45	3°19	5°44	20° 8	0°36	13°35	9°50	15°37	16° 1	6°50	7°18	24°56	11°47	S 19
M20	9 57 13	0♓49'37	8♓40	4° 9	6°59	20°46	0°28	13°35	9°48	15°38	15°59	6°D49	7°15	25° 2	11°51	M20
T 21	10 1 10	1°50'00	20°30	5° 2	8°14	21°25	0°20	13°R35	9°47	15°39	15°58	6°50	7°11	25° 9	11°55	T 21
W22	10 5 6	2°50'21	2♈17	5°58	9°29	22° 4	0°12	13°35	9°45	15°40	15°56	6°50	7° 8	25°16	11°58	W22
T 23	10 9 3	3°50'40	14° 5	6°57	10°44	22°42	0° 5	13°35	9°43	15°41	15°55	6°50	7° 5	25°22	12° 2	T 23
F 24	10 13 0	4°50'57	25°56	7°58	11°59	23°21	29♌57	13°35	9°41	15°42	15°53	6°51	7° 2	25°29	12° 6	F 24
S 25	10 16 56	5°51'12	7♉54	9° 2	13°14	23°59	29°49	13°35	9°39	15°43	15°52	6°51	6°59	25°36	12°10	S 25
S 26	10 20 53	6°51'26	20° 2	10° 9	14°29	24°38	29°41	13°34	9°37	15°44	15°50	6°R51	6°55	25°42	12°14	S 26
M27	10 24 49	7°51'37	2♊26	11°17	15°44	25°17	29°33	13°34	9°35	15°45	15°48	6°D51	6°52	25°49	12°18	M27
T 28	10 28 46	8♓51'46	15♊ 9	12♒28	16♓59	25♐55	29♌26	13♏33	9♎33	15♉46	15♍47	6♍51	6♍49	25♓56	12♓21	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s19	18n 0	5s 7	15s39	3n39	18s 6	1s16	21s23	0n22	11n38	1n15	13s32	2n24	3s24	0n43	14n47	1s47	19n17	15n11	8n55	8n29	4s 1	3s11	4n45
T 2	17 2	18 44	4 41	15 56	3 37	17 45	1 17	21 30	0 21	11 40	1 15	13 33	2 25	3 24	0 43	14 48	1 47	19 18	15 11	8 56	8 31	3 59	3 9	4 45
F 3	16 45	18 21	3 59	16 13	3 33	17 24	1 18	21 36	0 21	11 43	1 15	13 33	2 25	3 23	0 43	14 48	1 47	19 19	15 11	8 58	8 32	3 57	3 8	4 44
S 4	16 27	16 46	3 0	16 30	3 27	17 2	1 19	21 43	0 20	11 46	1 15	13 33	2 25	3 23	0 43	14 48	1 47	19 20	15 12	8 59	8 33	3 55	3 7	4 44
S 5	16 9	14 2	1 47	16 46	3 19	16 40	1 20	21 49	0 19	11 49	1 16	13 34	2 25	3 22	0 43	14 48	1 47	19 21	15 12	8 59	8 34	3 53	3 6	4 44
M 6	15 51	10 21	0 27	17 2	3 10	16 17	1 21	21 55	0 18	11 51	1 16	13 34	2 25	3 22	0 43	14 48	1 47	19 21	15 12	9 0	8 35	3 51	3 5	4 44
T 7	15 33	6 0	0n56	17 17	3 0	15 54	1 22	22 1	0 18	11 54	1 16	13 34	2 26	3 21	0 43	14 48	1 46	19 22	15 13	9 0	8 36	3 49	3 4	4 44
W 8	15 14	1 19	2 14	17 32	2 49	15 30	1 22	22 7	0 17	11 57	1 16	13 34	2 26	3 21	0 43	14 49	1 46	19 23	15 13	8 59	8 38	3 48	3 2	4 44
T 9	14 55	3s22	3 22	17 45	2 38	15 6	1 23	22 12	0 16	12 0	1 16	13 35	2 26	3 20	0 43	14 49	1 46	19 24	15 13	8 59	8 39	3 46	3 1	4 43
F 10	14 36	7 46	4 16	17 57	2 26	14 42	1 24	22 18	0 15	12 3	1 16	13 35	2 26	3 20	0 44	14 49	1 46	19 25	15 13	8 58	8 40	3 44	3 0	4 43
S 11	14 17	11 38	4 54	18 8	2 14	14 17	1 24	22 23	0 14	12 6	1 16	13 35	2 27	3 19	0 44	14 49	1 46	19 25	15 14	8 58	8 41	3 42	2 59	4 43
S 12	13 57	14 45	5 14	18 18	2 2	13 52	1 25	22 28	0 14	12 9	1 17	13 35	2 27	3 19	0 44	14 49	1 46	19 26	15 14	8 58	8 42	3 40	2 57	4 43
M13	13 37	17 1	5 16	18 26	1 50	13 27	1 25	22 33	0 13	12 11	1 17	13 35	2 27	3 18	0 44	14 50	1 46	19 27	15 14	8 58	8 44	3 38	2 56	4 43
T 14	13 17	18 21	5 2	18 33	1 37	13 1	1 26	22 38	0 12	12 14	1 17	13 35	2 27	3 17	0 44	14 50	1 46	19 28	15 15	8 59	8 45	3 36	2 55	4 43
W15	12 56	18 43	4 33	18 39	1 25	12 34	1 26	22 42	0 11	12 17	1 17	13 35	2 27	3 17	0 44	14 50	1 46	19 29	15 15	8 59	8 46	3 35	2 54	4 43
T 16	12 36	18 8	3 51	18 44	1 13	12 8	1 26	22 47	0 10	12 20	1 17	13 35	2 28	3 16	0 44	14 50	1 46	19 29	15 15	9 0	8 47	3 33	2 52	4 42
F 17	12 15	16 43	2 59	18 47	1 1	11 41	1 27	22 51	0 9	12 23	1 17	13 35	2 28	3 15	0 44	14 51	1 46	19 30	15 15	9 1	8 48	3 31	2 51	4 42
S 18	11 54	14 32	2 0	18 49	0 49	11 14	1 27	22 55	0 8	12 26	1 17	13 35	2 28	3 15	0 44	14 51	1 46	19 31	15 15	9 1	8 49	3 29	2 50	4 42
S 19	11 33	11 45	0 56	18 50	0 38	10 46	1 27	22 59	0 7	12 29	1 17	13 35	2 28	3 14	0 44	14 51	1 46	19 32	15 16	9 1	8 51	3 27	2 48	4 42
M20	11 12	8 30	0s10	18 49	0 27	10 18	1 27	23 3	0 7	12 32	1 17	13 35	2 29	3 13	0 44	14 52	1 46	19 33	15 16	9 1	8 52	3 25	2 47	4 42
T 21	10 50	4 56	1 15	18 47	0 16	9 50	1 27	23 6	0 6	12 35	1 17	13 34	2 29	3 12	0 44	14 52	1 46	19 33	15 16	9 1	8 53	3 23	2 46	4 42
W22	10 29	1 11	2 17	18 43	0 5	9 22	1 27	23 9	0 5	12 37	1 18	13 34	2 29	3 12	0 44	14 52	1 46	19 34	15 16	9 1	8 54	3 21	2 44	4 42
T 23	10 7	2n36	3 13	18 38	0s 5	8 53	1 27	23 13	0 4	12 40	1 18	13 34	2 29	3 11	0 44	14 52	1 45	19 35	15 16	9 1	8 55	3 20	2 43	4 42
F 24	9 45	6 17	4 1	18 32	0 15	8 24	1 26	23 16	0 3	12 43	1 18	13 34	2 30	3 10	0 44	14 53	1 45	19 36	15 17	9 1	8 57	3 18	2 42	4 42
S 25	9 23	9 46	4 39	18 25	0 24	7 55	1 26	23 18	0 2	12 46	1 18	13 33	2 30	3 9	0 44	14 53	1 45	19 36	15 17	9 1	8 58	3 16	2 40	4 41
S 26	9 0	12 53	5 5	18 16	0 33	7 26	1 26	23 21	0 1	12 49	1 18	13 33	2 30	3 9	0 44	14 53	1 45	19 37	15 17	9 1	8 59	3 14	2 39	4 41
M27	8 38	15 29	5 17	18 5	0 42	6 57	1 25	23 24	0s 0	12 51	1 18	13 33	2 30	3 8	0 44	14 54	1 45	19 38	15 17	9 1	9 0	3 12	2 37	4 41
T 28	8s16	17n26	5s15	17s54	0s51	6s27	1s25	23s26	0s 1	12n54	1n18	13s32	2n30	3s 7	0n44	14n54	1s45	19n39	15n17	9n 1	9n 1	3s10	2s36	4n41

Julian Day Number = 2348942.5, Delta T = 10.50 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'07, Lahiri = 19°56'08Greg. Calendar

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MARCH 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 32 42	9♓51'53	28♊15	13♒40	18♓14	26♐34	29°R18	13°R32	9°R31	15♉47	15°R45	6♍51	6♍46	26♓ 2	12♓25	W 1
T 2	10 36 39	10°51'58	11♋47	14°55	19°28	27°12	29♌10	13♏32	9♎29	15°48	15♍44	6°51	6°43	26° 9	12°29	T 2
F 3	10 40 35	11°52'01	25°46	16°11	20°43	27°51	29° 3	13°31	9°26	15°49	15°42	6°52	6°40	26°16	12°33	F 3
S 4	10 44 32	12°52'01	10♌11	17°29	21°58	28°29	28°55	13°30	9°24	15°50	15°40	6°52	6°36	26°22	12°37	S 4
S 5	10 48 29	13°52'00	24°59	18°48	23°13	29° 8	28°48	13°29	9°22	15°52	15°39	6°53	6°33	26°29	12°41	S 5
M 6	10 52 25	14°51'56	10♍ 4	20° 9	24°28	29°46	28°41	13°27	9°20	15°53	15°37	6°R53	6°30	26°36	12°45	M 6
T 7	10 56 22	15°51'51	25°17	21°31	25°42	0♑25	28°33	13°26	9°17	15°54	15°36	6°53	6°27	26°42	12°48	T 7
W 8	11 0 18	16°51'43	10♎28	22°55	26°57	1° 3	28°26	13°25	9°15	15°56	15°34	6°52	6°24	26°49	12°52	W 8
T 9	11 4 15	17°51'34	25°27	24°20	28°12	1°42	28°19	13°23	9°13	15°57	15°32	6°51	6°20	26°55	12°56	T 9
F 10	11 8 11	18°51'23	10♏ 8	25°47	29°26	2°20	28°12	13°21	9°10	15°58	15°31	6°49	6°17	27° 2	13° 0	F 10
S 11	11 12 8	19°51'10	24°25	27°15	0♈41	2°58	28° 5	13°20	9° 8	16° 0	15°29	6°48	6°14	27° 9	13° 4	S 11
S 12	11 16 4	20°50'56	8♐15	28°44	1°55	3°37	27°58	13°18	9° 6	16° 1	15°28	6°47	6°11	27°15	13° 8	S 12
M13	11 20 1	21°50'40	21°39	0♓15	3°10	4°15	27°52	13°16	9° 3	16° 3	15°26	6°D46	6° 8	27°22	13°11	M13
T 14	11 23 58	22°50'22	4♑39	1°47	4°25	4°53	27°45	13°14	9° 1	16° 4	15°24	6°47	6° 5	27°29	13°15	T 14
W15	11 27 54	23°50'03	17°18	3°20	5°39	5°32	27°38	13°12	8°58	16° 6	15°23	6°48	6° 1	27°35	13°19	W15
T 16	11 31 51	24°49'42	29°39	4°55	6°54	6°10	27°32	13°10	8°56	16° 7	15°21	6°49	5°58	27°42	13°23	T 16
F 17	11 35 47	25°49'19	11♒48	6°31	8° 8	6°48	27°26	13° 8	8°53	16° 9	15°20	6°51	5°55	27°49	13°27	F 17
S 18	11 39 44	26°48'54	23°46	8° 8	9°23	7°26	27°20	13° 5	8°51	16°10	15°18	6°52	5°52	27°55	13°30	S 18
S 19	11 43 40	27°48'27	5♓38	9°46	10°37	8° 5	27°14	13° 3	8°48	16°12	15°17	6°R53	5°49	28° 2	13°34	S 19
M20	11 47 37	28°47'58	17°27	11°26	11°52	8°43	27° 8	13° 0	8°46	16°13	15°15	6°52	5°46	28° 9	13°38	M20
T 21	11 51 33	29°47'27	29°15	13° 7	13° 6	9°21	27° 2	12°58	8°43	16°15	15°13	6°51	5°42	28°15	13°42	T 21
W22	11 55 30	0♈46'54	11♈ 3	14°49	14°20	9°59	26°57	12°55	8°41	16°17	15°12	6°48	5°39	28°22	13°45	W22
T 23	11 59 26	1°46'20	22°55	16°33	15°35	10°37	26°51	12°52	8°38	16°19	15°10	6°44	5°36	28°29	13°49	T 23
F 24	12 3 23	2°45'42	4♉51	18°18	16°49	11°15	26°46	12°49	8°36	16°20	15° 9	6°39	5°33	28°35	13°53	F 24
S 25	12 7 20	3°45'03	16°55	20° 4	18° 3	11°53	26°41	12°46	8°33	16°22	15° 7	6°35	5°30	28°42	13°57	S 25
S 26	12 11 16	4°44'22	29° 9	21°52	19°17	12°31	26°36	12°43	8°30	16°24	15° 6	6°30	5°26	28°49	14° 0	S 26
M27	12 15 13	5°43'38	11♊35	23°41	20°32	13° 9	26°31	12°40	8°28	16°26	15° 4	6°27	5°23	28°55	14° 4	M27
T 28	12 19 9	6°42'52	24°17	25°31	21°46	13°46	26°27	12°37	8°25	16°27	15° 3	6°25	5°20	29° 2	14° 8	T 28
W29	12 23 6	7°42'04	7♋17	27°23	23° 0	14°24	26°22	12°34	8°23	16°29	15° 1	6°D24	5°17	29° 9	14°11	W29
T 30	12 27 2	8°41'13	20°40	29°16	24°14	15° 2	26°18	12°31	8°20	16°31	15° 0	6°25	5°14	29°15	14°15	T 30
F 31	12 30 59	9♈40'20	4♌27	1♈10	25♈28	15♑40	26♌14	12♏27	8♎17	16♉33	14♍59	6♍26	5♍11	29♓22	14♓18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s53	18n31	4s56	17s41	0s59	5s57	1s24	23s28	0s 2	12n57	1n18	13s32	2n31	3s 6	0n44	14n55	1s45	19n39	15n17	9n 1	9n 2	3s 8	2s35	4n41
T 2	7 30	18 37	4 21	17 27	1 6	5 27	1 23	23 30	0 3	13 0	1 18	13 31	2 31	3 5	0 44	14 55	1 45	19 40	15 17	9 0	9 4	3 6	2 33	4 41
F 3	7 7	17 35	3 29	17 11	1 14	4 57	1 23	23 32	0 4	13 2	1 18	13 31	2 31	3 4	0 44	14 55	1 45	19 41	15 17	9 0	9 5	3 5	2 32	4 41
S 4	6 44	15 25	2 23	16 54	1 21	4 27	1 22	23 33	0 5	13 5	1 18	13 30	2 31	3 3	0 44	14 56	1 45	19 42	15 18	9 0	9 6	3 3	2 30	4 41
S 5	6 21	12 11	1 6	16 36	1 27	3 56	1 21	23 35	0 6	13 8	1 18	13 30	2 31	3 3	0 44	14 56	1 45	19 42	15 18	9 0	9 7	3 1	2 29	4 41
M 6	5 58	8 5	0n18	16 16	1 34	3 26	1 20	23 36	0 8	13 10	1 18	13 29	2 32	3 2	0 44	14 57	1 45	19 43	15 18	9 0	9 8	2 59	2 28	4 41
T 7	5 35	3 25	1 41	15 55	1 39	2 55	1 19	23 37	0 9	13 13	1 18	13 29	2 32	3 1	0 44	14 57	1 45	19 44	15 18	9 0	9 10	2 57	2 26	4 41
W 8	5 12	1s27	2 56	15 33	1 45	2 25	1 18	23 38	0 10	13 15	1 18	13 28	2 32	3 0	0 44	14 57	1 45	19 44	15 18	9 0	9 11	2 55	2 25	4 41
T 9	4 48	6 9	3 58	15 9	1 50	1 54	1 17	23 39	0 11	13 18	1 18	13 27	2 32	2 59	0 44	14 58	1 45	19 45	15 18	9 1	9 12	2 53	2 23	4 41
F 10	4 25	10 23	4 44	14 44	1 54	1 23	1 16	23 39	0 12	13 20	1 18	13 27	2 33	2 58	0 44	14 58	1 45	19 46	15 18	9 1	9 13	2 51	2 22	4 41
S 11	4 1	13 53	5 10	14 18	1 59	0 53	1 15	23 40	0 13	13 22	1 18	13 26	2 33	2 57	0 44	14 59	1 45	19 46	15 18	9 2	9 14	2 49	2 20	4 41
S 12	3 38	16 30	5 17	13 50	2 2	0 22	1 14	23 40	0 14	13 25	1 18	13 25	2 33	2 56	0 44	14 59	1 45	19 47	15 18	9 2	9 15	2 48	2 19	4 41
M13	3 14	18 7	5 7	13 22	2 6	0n 9	1 13	23 40	0 16	13 27	1 18	13 25	2 33	2 55	0 44	15 0	1 44	19 48	15 18	9 2	9 17	2 46	2 18	4 41
T 14	2 51	18 43	4 41	12 52	2 9	0 40	1 11	23 40	0 17	13 29	1 18	13 24	2 33	2 54	0 44	15 0	1 44	19 48	15 18	9 2	9 18	2 44	2 16	4 41
W15	2 27	18 22	4 1	12 20	2 11	1 11	1 10	23 39	0 18	13 32	1 18	13 23	2 33	2 53	0 44	15 1	1 44	19 49	15 18	9 2	9 19	2 42	2 15	4 41
T 16	2 3	17 7	3 12	11 47	2 13	1 42	1 8	23 39	0 19	13 34	1 18	13 22	2 34	2 52	0 44	15 1	1 44	19 50	15 18	9 1	9 20	2 40	2 13	4 41
F 17	1 40	15 7	2 14	11 14	2 15	2 13	1 7	23 38	0 20	13 36	1 18	13 21	2 34	2 51	0 44	15 2	1 44	19 50	15 18	9 1	9 21	2 38	2 12	4 41
S 18	1 16	12 29	1 12	10 38	2 16	2 43	1 5	23 37	0 22	13 38	1 18	13 20	2 34	2 50	0 44	15 2	1 44	19 51	15 18	9 0	9 22	2 36	2 10	4 41
S 19	0 52	9 21	0 7	10 2	2 17	3 14	1 4	23 36	0 23	13 40	1 18	13 20	2 34	2 49	0 44	15 3	1 44	19 51	15 18	9 0	9 24	2 34	2 9	4 41
M20	0 29	5 51	0s58	9 24	2 17	3 45	1 2	23 35	0 24	13 42	1 17	13 19	2 34	2 48	0 44	15 3	1 44	19 52	15 18	9 0	9 25	2 32	2 8	4 41
T 21	0 5	2 8	2 0	8 45	2 17	4 15	1 0	23 34	0 25	13 44	1 17	13 18	2 35	2 47	0 44	15 4	1 44	19 52	15 18	9 1	9 26	2 31	2 6	4 41
W22	0n19	1n39	2 57	8 5	2 17	4 46	0 58	23 33	0 27	13 46	1 17	13 17	2 35	2 46	0 44	15 4	1 44	19 53	15 18	9 2	9 27	2 29	2 5	4 41
T 23	0 42	5 24	3 47	7 24	2 16	5 16	0 57	23 31	0 28	13 47	1 17	13 16	2 35	2 45	0 44	15 5	1 44	19 54	15 18	9 3	9 28	2 27	2 3	4 41
F 24	1 6	8 58	4 27	6 41	2 14	5 47	0 55	23 29	0 29	13 49	1 17	13 15	2 35	2 44	0 44	15 5	1 44	19 54	15 18	9 5	9 29	2 25	2 2	4 41
S 25	1 30	12 11	4 55	5 58	2 12	6 17	0 53	23 27	0 31	13 51	1 17	13 14	2 35	2 43	0 44	15 6	1 44	19 55	15 17	9 7	9 31	2 23	2 0	4 41
S 26	1 53	14 56	5 11	5 13	2 10	6 47	0 51	23 25	0 32	13 52	1 17	13 13	2 35	2 42	0 44	15 6	1 44	19 55	15 17	9 8	9 32	2 21	1 59	4 41
M27	2 17	17 3	5 12	4 27	2 7	7 17	0 49	23 23	0 34	13 54	1 17	13 12	2 36	2 41	0 44	15 7	1 44	19 56	15 17	9 9	9 33	2 19	1 58	4 41
T 28	2 40	18 23	4 59	3 40	2 3	7 46	0 47	23 20	0 35	13 55	1 17	13 10	2 36	2 40	0 44	15 7	1 44	19 56	15 17	9 10	9 34	2 17	1 56	4 41
W29	3 4	18 47	4 29	2 52	1 59	8 16	0 45	23 18	0 36	13 57	1 17	13 9	2 36	2 39	0 44	15 8	1 44	19 57	15 17	9 10	9 35	2 15	1 55	4 41
T 30	3 27	18 11	3 45	2 3	1 54	8 45	0 42	23 15	0 38	13 58	1 17	13 8	2 36	2 38	0 44	15 9	1 44	19 57	15 17	9 10	9 36	2 13	1 53	4 41
F 31	3n50	16n29	2s46	1s12	1s49	9n14	0s40	23s12	0s39	13n59	1n16	13s 7	2n36	2s37	0n44	15n 9	1s44	19n57	15n17	9n10	9n38	2s11	1s52	4n41

Julian Day Number = 2348970.5, Delta T = 10.50 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'11, Lahiri = 19°56'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1719
geocentric

APRIL 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 34 55	10♈39'25	18♌39	3♈ 6	26♈42	16♉17	26°R10	12°R24	8°R15	16♉35	14°R57	6♍28	5♍ 7	29♓29	14♓22	S 1
S 2	12 38 52	11°38'27	3♍15	5° 3	27°56	16°55	26♌ 6	12♏20	8♎12	16°37	14♍56	6°R28	5° 4	29°35	14°25	S 2
M 3	12 42 49	12°37'27	18°11	7° 2	29°10	17°32	26° 2	12°17	8°10	16°39	14°54	6°28	5° 1	29°42	14°29	M 3
T 4	12 46 45	13°36'25	3♎20	9° 2	0♉24	18°10	25°59	12°13	8° 7	16°41	14°53	6°26	4°58	29°49	14°32	T 4
W 5	12 50 42	14°35'21	18°34	11° 3	1°38	18°47	25°56	12° 9	8° 5	16°43	14°52	6°22	4°55	29°55	14°36	W 5
T 6	12 54 38	15°34'14	3♏42	13° 5	2°52	19°25	25°52	12° 6	8° 2	16°45	14°50	6°17	4°52	0♈ 2	14°39	T 6
F 7	12 58 35	16°33'06	18°35	15° 8	4° 6	20° 2	25°50	12° 2	7°59	16°47	14°49	6°11	4°48	0° 9	14°43	F 7
S 8	13 2 31	17°31'56	3♐ 4	17°13	5°20	20°40	25°47	11°58	7°57	16°49	14°48	6° 5	4°45	0°15	14°46	S 8
S 9	13 6 28	18°30'44	17° 6	19°18	6°34	21°17	25°44	11°54	7°54	16°51	14°46	6° 0	4°42	0°22	14°49	S 9
M10	13 10 24	19°29'31	0♑38	21°24	7°48	21°54	25°42	11°50	7°52	16°53	14°45	5°56	4°39	0°28	14°53	M10
T 11	13 14 21	20°28'16	13°42	23°30	9° 1	22°31	25°40	11°46	7°49	16°55	14°44	5°54	4°36	0°35	14°56	T 11
W12	13 18 18	21°26'59	26°22	25°37	10°15	23° 8	25°38	11°42	7°47	16°57	14°43	5°D54	4°32	0°42	14°59	W12
T 13	13 22 14	22°25'40	8♒41	27°43	11°29	23°45	25°36	11°38	7°44	16°59	14°41	5°55	4°29	0°48	15° 3	T 13
F 14	13 26 11	23°24'20	20°45	29°50	12°43	24°22	25°34	11°34	7°42	17° 1	14°40	5°57	4°26	0°55	15° 6	F 14
S 15	13 30 7	24°22'58	2♓39	1♉56	13°56	24°59	25°33	11°30	7°39	17° 3	14°39	5°R57	4°23	1° 2	15° 9	S 15
S 16	13 34 4	25°21'34	14°27	4° 1	15°10	25°36	25°31	11°25	7°37	17° 5	14°38	5°57	4°20	1° 8	15°12	S 16
M17	13 38 0	26°20'08	26°14	6° 5	16°23	26°13	25°30	11°21	7°35	17° 7	14°37	5°55	4°17	1°15	15°15	M17
T 18	13 41 57	27°18'41	8♈ 2	8° 8	17°37	26°50	25°29	11°17	7°32	17° 9	14°36	5°50	4°13	1°22	15°18	T 18
W19	13 45 53	28°17'12	19°54	10° 8	18°50	27°26	25°29	11°12	7°30	17°11	14°35	5°43	4°10	1°28	15°21	W19
T 20	13 49 50	29°15'41	1♉52	12° 7	20° 4	28° 3	25°28	11° 8	7°27	17°14	14°34	5°34	4° 7	1°35	15°24	T 20
F 21	13 53 46	0♉14'08	13°59	14° 3	21°17	28°39	25°28	11° 4	7°25	17°16	14°33	5°24	4° 4	1°42	15°27	F 21
S 22	13 57 43	1°12'33	26°14	15°57	22°31	29°16	25°D28	10°59	7°23	17°18	14°32	5°14	4° 1	1°48	15°30	S 22
S 23	14 1 40	2°10'56	8♊39	17°48	23°44	29°52	25°28	10°55	7°20	17°20	14°31	5° 4	3°57	1°55	15°33	S 23
M24	14 5 36	3° 9'17	21°16	19°35	24°58	0♒28	25°28	10°50	7°18	17°22	14°30	4°56	3°54	2° 2	15°36	M24
T 25	14 9 33	4° 7'37	4♋ 5	21°19	26°11	1° 4	25°28	10°46	7°16	17°25	14°29	4°49	3°51	2° 8	15°39	T 25
W26	14 13 29	5° 5'54	17° 9	22°59	27°24	1°40	25°29	10°41	7°14	17°27	14°28	4°46	3°48	2°15	15°42	W26
T 27	14 17 26	6° 4'09	0♌29	24°36	28°37	2°16	25°30	10°37	7°12	17°29	14°27	4°D44	3°45	2°22	15°44	T 27
F 28	14 21 22	7° 2'22	14° 8	26° 9	29°51	2°52	25°31	10°32	7°10	17°31	14°26	4°44	3°42	2°28	15°47	F 28
S 29	14 25 19	8° 0'33	28° 7	27°38	1♊ 4	3°28	25°32	10°28	7° 7	17°33	14°25	4°R45	3°38	2°35	15°50	S 29
S 30	14 29 15	8♉58'42	12♍27	29♉ 3	2♊17	4♒ 3	25♌33	10♏23	7♎ 5	17♉36	14♍25	4♍45	3♍35	2♈42	15♓52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n13	13n44	1s36	0s21	1s44	9n43	0s38	23s 9	0s41	14n 1	1n16	13s 6	2n36	2s36	0n44	15n10	1s44	19n58	15n17	9n 9	9n39	2s10	1s50	4n41
S 2	4 37	10 3	0 18	0n31	1 38	10 12	0 36	23 6	0 42	14 2	1 16	13 5	2 36	2 35	0 44	15 10	1 44	19 58	15 16	9 9	9 40	2 8	1 49	4 41
M 3	5 0	5 39	1n 4	1 24	1 31	10 40	0 34	23 3	0 44	14 3	1 16	13 4	2 36	2 34	0 44	15 11	1 44	19 59	15 16	9 9	9 41	2 6	1 48	4 41
T 4	5 23	0 50	2 21	2 18	1 24	11 9	0 31	22 59	0 45	14 4	1 16	13 2	2 37	2 33	0 44	15 11	1 44	19 59	15 16	9 10	9 42	2 4	1 46	4 41
W 5	5 46	4s 4	3 29	3 12	1 16	11 37	0 29	22 56	0 47	14 5	1 16	13 1	2 37	2 32	0 44	15 12	1 43	19 59	15 16	9 11	9 43	2 2	1 45	4 41
T 6	6 8	8 40	4 22	4 8	1 8	12 4	0 26	22 52	0 48	14 6	1 16	13 0	2 37	2 31	0 44	15 13	1 43	20 0	15 16	9 13	9 45	2 0	1 43	4 41
F 7	6 31	12 38	4 56	5 3	1 0	12 32	0 24	22 48	0 50	14 7	1 16	12 59	2 37	2 30	0 44	15 13	1 43	20 0	15 16	9 16	9 46	1 58	1 42	4 41
S 8	6 54	15 44	5 10	5 59	0 51	12 59	0 22	22 44	0 51	14 8	1 16	12 57	2 37	2 29	0 44	15 14	1 43	20 0	15 15	9 18	9 47	1 56	1 41	4 41
S 9	7 16	17 48	5 5	6 56	0 41	13 26	0 19	22 40	0 53	14 8	1 15	12 56	2 37	2 28	0 44	15 14	1 43	20 1	15 15	9 20	9 48	1 54	1 39	4 42
M10	7 38	18 46	4 42	7 52	0 31	13 52	0 17	22 35	0 55	14 9	1 15	12 55	2 37	2 27	0 44	15 15	1 43	20 1	15 15	9 21	9 49	1 52	1 38	4 42
T 11	8 0	18 42	4 6	8 49	0 21	14 18	0 14	22 31	0 56	14 10	1 15	12 53	2 37	2 26	0 44	15 16	1 43	20 1	15 15	9 22	9 50	1 50	1 37	4 42
W12	8 23	17 40	3 18	9 45	0 11	14 44	0 12	22 26	0 58	14 10	1 15	12 52	2 37	2 25	0 44	15 16	1 43	20 2	15 14	9 22	9 52	1 48	1 35	4 42
T 13	8 44	15 49	2 22	10 41	0 0	15 9	0 9	22 22	1 0	14 11	1 15	12 51	2 37	2 24	0 44	15 17	1 43	20 2	15 14	9 21	9 53	1 47	1 34	4 42
F 14	9 6	13 19	1 21	11 36	0n11	15 34	0 6	22 17	1 1	14 11	1 15	12 50	2 37	2 23	0 44	15 17	1 43	20 2	15 14	9 21	9 54	1 45	1 33	4 42
S 15	9 28	10 16	0 18	12 30	0 22	15 59	0 4	22 12	1 3	14 12	1 15	12 48	2 38	2 22	0 44	15 18	1 43	20 2	15 14	9 20	9 55	1 43	1 31	4 42
S 16	9 49	6 50	0s46	13 23	0 33	16 23	0 1	22 7	1 5	14 12	1 14	12 47	2 38	2 21	0 44	15 19	1 43	20 3	15 13	9 21	9 56	1 41	1 30	4 42
M17	10 11	3 9	1 47	14 15	0 44	16 47	0n 1	22 2	1 7	14 12	1 14	12 45	2 38	2 20	0 44	15 19	1 43	20 3	15 13	9 21	9 57	1 39	1 29	4 42
T 18	10 32	0n41	2 44	15 6	0 54	17 10	0 4	21 56	1 8	14 12	1 14	12 44	2 38	2 19	0 44	15 20	1 43	20 3	15 13	9 23	9 59	1 37	1 27	4 42
W19	10 53	4 29	3 34	15 54	1 5	17 33	0 7	21 51	1 10	14 12	1 14	12 43	2 38	2 18	0 44	15 21	1 43	20 3	15 13	9 26	10 0	1 35	1 26	4 43
T 20	11 14	8 9	4 15	16 41	1 15	17 56	0 9	21 45	1 12	14 12	1 14	12 41	2 38	2 17	0 44	15 21	1 43	20 3	15 12	9 29	10 1	1 33	1 25	4 43
F 21	11 34	11 32	4 44	17 26	1 25	18 18	0 12	21 40	1 14	14 12	1 14	12 40	2 38	2 17	0 44	15 22	1 43	20 3	15 12	9 33	10 2	1 31	1 24	4 43
S 22	11 55	14 27	5 1	18 9	1 35	18 40	0 15	21 34	1 16	14 12	1 14	12 39	2 38	2 16	0 44	15 22	1 43	20 4	15 12	9 36	10 3	1 29	1 22	4 43
S 23	12 15	16 46	5 4	18 49	1 44	19 1	0 17	21 28	1 18	14 12	1 13	12 37	2 38	2 15	0 44	15 23	1 43	20 4	15 12	9 40	10 4	1 27	1 21	4 43
M24	12 35	18 19	4 53	19 27	1 52	19 21	0 20	21 22	1 20	14 12	1 13	12 36	2 38	2 14	0 44	15 24	1 43	20 4	15 11	9 43	10 5	1 25	1 20	4 43
T 25	12 55	18 58	4 27	20 3	2 0	19 41	0 23	21 16	1 21	14 12	1 13	12 34	2 38	2 13	0 44	15 24	1 43	20 4	15 11	9 45	10 7	1 23	1 19	4 43
W26	13 14	18 38	3 46	20 36	2 7	20 1	0 25	21 10	1 23	14 11	1 13	12 33	2 38	2 12	0 44	15 25	1 43	20 4	15 11	9 47	10 8	1 21	1 17	4 43
T 27	13 34	17 16	2 52	21 7	2 14	20 20	0 28	21 4	1 25	14 11	1 13	12 32	2 38	2 11	0 44	15 26	1 43	20 4	15 10	9 47	10 9	1 19	1 16	4 44
F 28	13 53	14 53	1 48	21 35	2 20	20 39	0 30	20 58	1 27	14 10	1 13	12 30	2 38	2 11	0 44	15 26	1 43	20 4	15 10	9 47	10 10	1 18	1 15	4 44
S 29	14 12	11 35	0 35	22 0	2 24	20 56	0 33	20 51	1 29	14 10	1 12	12 29	2 38	2 10	0 44	15 27	1 43	20 4	15 10	9 47	10 11	1 16	1 14	4 44
S 30	14n31	7n32	0n41	22n23	2n28	21n14	0n36	20s45	1s31	14n 9	1n12	12s27	2n38	2s 9	0n44	15n27	1s43	20n 4	15n 9	9n47	10n12	1s14	1s13	4n44

Julian Day Number = 2349001.5, Delta T = 10.50 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'16, Lahiri = 19°56'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1719
geocentric

MAY 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 33 12	9♉56'49	27♍ 5	0♊23	3♊30	4♒39	25♌35	10°R19	7°R 3	17♉38	14°R24	4°R43	3♍32	2♈48	15♓55	M 1
T 2	14 37 9	10°54'53	11♎57	1°40	4°43	5°14	25°36	10♏14	7♎ 1	17°40	14♍23	4♍39	3°29	2°55	15°58	T 2
W 3	14 41 5	11°52'57	26°57	2°52	5°56	5°50	25°38	10°10	6°59	17°42	14°22	4°32	3°26	3° 2	16° 0	W 3
T 4	14 45 2	12°50'58	11♏56	3°59	7° 9	6°25	25°40	10° 5	6°57	17°45	14°22	4°23	3°23	3° 8	16° 3	T 4
F 5	14 48 58	13°48'58	26°44	5° 3	8°22	7° 0	25°42	10° 1	6°55	17°47	14°21	4°13	3°19	3°15	16° 5	F 5
S 6	14 52 55	14°46'56	11♐14	6° 1	9°35	7°35	25°45	9°56	6°54	17°49	14°20	4° 3	3°16	3°22	16° 7	S 6
S 7	14 56 51	15°44'53	25°19	6°55	10°48	8°10	25°47	9°52	6°52	17°51	14°20	3°53	3°13	3°28	16°10	S 7
M 8	15 0 48	16°42'48	8♑56	7°45	12° 0	8°45	25°50	9°47	6°50	17°54	14°19	3°46	3°10	3°35	16°12	M 8
T 9	15 4 44	17°40'42	22° 5	8°29	13°13	9°19	25°53	9°43	6°48	17°56	14°19	3°41	3° 7	3°42	16°14	T 9
W10	15 8 41	18°38'35	4♒48	9° 9	14°26	9°54	25°56	9°38	6°46	17°58	14°18	3°39	3° 3	3°48	16°17	W10
T 11	15 12 38	19°36'27	17° 9	9°44	15°39	10°28	25°59	9°34	6°45	18° 0	14°18	3°D38	3° 0	3°55	16°19	T 11
F 12	15 16 34	20°34'17	29°14	10°14	16°51	11° 2	26° 3	9°30	6°43	18° 3	14°17	3°R38	2°57	4° 2	16°21	F 12
S 13	15 20 31	21°32'06	11♓ 8	10°40	18° 4	11°36	26° 6	9°25	6°42	18° 5	14°17	3°38	2°54	4° 8	16°23	S 13
S 14	15 24 27	22°29'54	22°56	11° 0	19°17	12°10	26°10	9°21	6°40	18° 7	14°16	3°37	2°51	4°15	16°25	S 14
M15	15 28 24	23°27'41	4♈44	11°16	20°29	12°44	26°14	9°17	6°38	18° 9	14°16	3°33	2°48	4°22	16°27	M15
T 16	15 32 20	24°25'26	16°35	11°26	21°42	13°18	26°18	9°12	6°37	18°12	14°16	3°27	2°44	4°28	16°29	T 16
W17	15 36 17	25°23'11	28°33	11°32	22°54	13°51	26°22	9° 8	6°36	18°14	14°15	3°18	2°41	4°35	16°31	W17
T 18	15 40 13	26°20'54	10♉40	11°R33	24° 6	14°25	26°27	9° 4	6°34	18°16	14°15	3° 7	2°38	4°42	16°33	T 18
F 19	15 44 10	27°18'36	22°58	11°29	25°19	14°58	26°31	9° 0	6°33	18°18	14°15	2°54	2°35	4°48	16°34	F 19
S 20	15 48 7	28°16'16	5♊29	11°21	26°31	15°31	26°36	8°55	6°31	18°21	14°15	2°40	2°32	4°55	16°36	S 20
S 21	15 52 3	29°13'56	18°11	11° 9	27°44	16° 3	26°41	8°51	6°30	18°23	14°15	2°28	2°29	5° 2	16°38	S 21
M22	15 56 0	0♊11'34	1♋ 5	10°52	28°56	16°36	26°46	8°47	6°29	18°25	14°14	2°17	2°25	5° 8	16°39	M22
T 23	15 59 56	1° 9'11	14°10	10°32	0♋ 8	17° 8	26°51	8°43	6°28	18°27	14°14	2° 8	2°22	5°15	16°41	T 23
W24	16 3 53	2° 6'46	27°27	10° 8	1°20	17°40	26°56	8°39	6°27	18°29	14°14	2° 3	2°19	5°22	16°42	W24
T 25	16 7 49	3° 4'20	10♌56	9°42	2°32	18°12	27° 2	8°35	6°26	18°32	14°14	2° 0	2°16	5°28	16°44	T 25
F 26	16 11 46	4° 1'52	24°37	9°13	3°44	18°44	27° 8	8°31	6°25	18°34	14°D14	1°59	2°13	5°35	16°45	F 26
S 27	16 15 42	4°59'23	8♍32	8°42	4°56	19°16	27°13	8°28	6°24	18°36	14°14	1°59	2° 9	5°42	16°47	S 27
S 28	16 19 39	5°56'53	22°40	8° 9	6° 8	19°47	27°19	8°24	6°23	18°38	14°14	1°59	2° 6	5°48	16°48	S 28
M29	16 23 36	6°54'21	7♎ 1	7°36	7°20	20°18	27°25	8°20	6°22	18°40	14°14	1°56	2° 3	5°55	16°49	M29
T 30	16 27 32	7°51'48	21°32	7° 2	8°32	20°49	27°31	8°17	6°21	18°43	14°14	1°52	2° 0	6° 2	16°51	T 30
W31	16 31 29	8♊49'14	6♏ 9	6♊29	9♋44	21♒20	27♌38	8♏13	6♎20	18♉45	14♍15	1♍44	1♍57	6♈ 8	16♓52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n49	2n56	1n56	22n44	2n32	21n31	0n38	20s38	1s33	14n 9	1n12	12s26	2n38	2s 8	0n44	15n28	1s43	20n 4	15n 9	9n48	10n14	1s12	1s12	4n44
T 2	15 7	1s54	3 5	23 2	2 34	21 47	0 41	20 32	1 35	14 8	1 12	12 25	2 38	2 7	0 44	15 29	1 43	20 4	15 9	9 49	10 15	1 10	1 11	4 44
W 3	15 25	6 39	4 1	23 18	2 35	22 3	0 44	20 25	1 38	14 7	1 12	12 23	2 38	2 7	0 44	15 29	1 43	20 4	15 8	9 52	10 16	1 8	1 9	4 45
T 4	15 43	10 59	4 40	23 31	2 35	22 18	0 46	20 18	1 40	14 6	1 12	12 22	2 38	2 6	0 44	15 30	1 43	20 4	15 8	9 55	10 17	1 6	1 8	4 45
F 5	16 1	14 35	5 0	23 42	2 35	22 32	0 49	20 11	1 42	14 5	1 12	12 21	2 38	2 5	0 44	15 31	1 43	20 4	15 8	9 59	10 18	1 4	1 7	4 45
S 6	16 18	17 12	5 0	23 51	2 33	22 46	0 51	20 5	1 44	14 5	1 11	12 19	2 38	2 4	0 43	15 31	1 43	20 4	15 7	10 2	10 19	1 2	1 6	4 45
S 7	16 35	18 42	4 42	23 58	2 31	22 59	0 54	19 58	1 46	14 4	1 11	12 18	2 38	2 4	0 43	15 32	1 43	20 4	15 7	10 6	10 20	1 0	1 5	4 45
M 8	16 51	19 3	4 8	24 3	2 27	23 11	0 56	19 51	1 48	14 2	1 11	12 17	2 38	2 3	0 43	15 33	1 43	20 4	15 6	10 8	10 22	0 58	1 4	4 45
T 9	17 8	18 20	3 22	24 6	2 22	23 23	0 59	19 43	1 51	14 1	1 11	12 15	2 38	2 2	0 43	15 33	1 43	20 3	15 6	10 10	10 23	0 56	1 3	4 46
W10	17 24	16 43	2 27	24 6	2 17	23 34	1 1	19 36	1 53	14 0	1 11	12 14	2 37	2 2	0 43	15 34	1 43	20 3	15 6	10 11	10 24	0 54	1 2	4 46
T 11	17 40	14 21	1 26	24 5	2 10	23 45	1 3	19 29	1 55	13 59	1 11	12 13	2 37	2 1	0 43	15 34	1 43	20 3	15 5	10 11	10 25	0 52	1 1	4 46
F 12	17 55	11 23	0 23	24 2	2 2	23 55	1 6	19 22	1 57	13 58	1 10	12 11	2 37	2 1	0 43	15 35	1 43	20 3	15 5	10 11	10 26	0 50	1 0	4 46
S 13	18 10	8 1	0s40	23 56	1 53	24 4	1 8	19 15	2 0	13 56	1 10	12 10	2 37	2 0	0 43	15 36	1 43	20 3	15 5	10 11	10 27	0 48	0 59	4 46
S 14	18 25	4 21	1 41	23 50	1 43	24 13	1 10	19 7	2 2	13 55	1 10	12 9	2 37	1 59	0 43	15 36	1 43	20 3	15 4	10 12	10 28	0 46	0 58	4 46
M15	18 40	0 31	2 37	23 41	1 32	24 20	1 13	19 0	2 5	13 53	1 10	12 7	2 37	1 59	0 43	15 37	1 43	20 2	15 4	10 13	10 30	0 44	0 57	4 47
T 16	18 54	3n21	3 27	23 31	1 20	24 27	1 15	18 53	2 7	13 52	1 10	12 6	2 37	1 58	0 43	15 37	1 43	20 2	15 3	10 15	10 31	0 43	0 56	4 47
W17	19 8	7 7	4 8	23 19	1 8	24 34	1 17	18 45	2 9	13 50	1 10	12 5	2 37	1 58	0 43	15 38	1 43	20 2	15 3	10 19	10 32	0 41	0 55	4 47
T 18	19 22	10 38	4 38	23 5	0 54	24 40	1 19	18 38	2 12	13 49	1 10	12 4	2 37	1 57	0 43	15 39	1 43	20 2	15 3	10 23	10 33	0 39	0 54	4 47
F 19	19 35	13 46	4 56	22 50	0 39	24 45	1 21	18 31	2 14	13 47	1 9	12 2	2 37	1 57	0 43	15 39	1 43	20 1	15 2	10 27	10 34	0 37	0 54	4 47
S 20	19 48	16 20	5 0	22 34	0 24	24 49	1 23	18 23	2 17	13 45	1 9	12 1	2 36	1 56	0 43	15 40	1 43	20 1	15 2	10 32	10 35	0 35	0 53	4 48
S 21	20 1	18 9	4 49	22 17	0 8	24 52	1 25	18 16	2 19	13 43	1 9	12 0	2 36	1 56	0 43	15 41	1 43	20 1	15 1	10 37	10 36	0 33	0 52	4 48
M22	20 13	19 4	4 24	21 58	0s 8	24 55	1 27	18 8	2 22	13 41	1 9	11 59	2 36	1 55	0 43	15 41	1 43	20 1	15 1	10 41	10 38	0 31	0 51	4 48
T 23	20 25	19 0	3 44	21 38	0 25	24 57	1 29	18 1	2 24	13 39	1 9	11 58	2 36	1 55	0 43	15 42	1 43	20 0	15 1	10 44	10 39	0 29	0 50	4 48
W24	20 37	17 54	2 52	21 18	0 43	24 59	1 31	17 53	2 27	13 38	1 9	11 57	2 36	1 54	0 43	15 42	1 43	20 0	15 0	10 46	10 40	0 27	0 49	4 48
T 25	20 48	15 46	1 49	20 57	1 0	25 0	1 33	17 46	2 30	13 35	1 9	11 56	2 36	1 54	0 43	15 43	1 43	20 0	15 0	10 47	10 41	0 25	0 49	4 49
F 26	20 59	12 43	0 39	20 35	1 18	25 0	1 34	17 39	2 32	13 33	1 8	11 54	2 36	1 54	0 43	15 44	1 43	19 59	14 59	10 47	10 42	0 23	0 48	4 49
S 27	21 10	8 55	0n35	20 13	1 35	24 59	1 36	17 31	2 35	13 31	1 8	11 53	2 35	1 53	0 43	15 44	1 43	19 59	14 59	10 47	10 43	0 21	0 47	4 49
S 28	21 20	4 33	1 47	19 51	1 52	24 57	1 38	17 24	2 38	13 29	1 8	11 52	2 35	1 53	0 43	15 45	1 43	19 58	14 59	10 47	10 44	0 19	0 47	4 49
M29	21 30	0s 8	2 54	19 30	2 9	24 55	1 39	17 16	2 40	13 27	1 8	11 51	2 35	1 53	0 43	15 45	1 43	19 58	14 58	10 48	10 46	0 17	0 46	4 50
T 30	21 39	4 51	3 50	19 8	2 25	24 52	1 41	17 9	2 43	13 25	1 8	11 50	2 35	1 52	0 43	15 46	1 43	19 58	14 58	10 50	10 47	0 15	0 45	4 50
W31	21n48	9s19	4n32	18n48	2s40	24n49	1n42	17s 2	2s46	13n22	1n 8	11s49	2n35	1s52	0n43	15n46	1s43	19n57	14n57	10n52	10n48	0s13	0s45	4n50

Julian Day Number = 2349031.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'20, Lahiri = 19°56'20Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1719
geocentric

JUNE 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 35 25	9♊46'39	20♏46	5°R56	10♋56	21♒50	27♌44	8°R 9	6°R20	18♉47	14♍15	1°R35	1♍54	6♈15	16♓53	T 1
F 2	16 39 22	10°44'03	5♐15	5♊25	12° 8	22°20	27°51	8♏ 6	6♎19	18°49	14°15	1♍24	1°50	6°22	16°54	F 2
S 3	16 43 18	11°41'25	19°31	4°56	13°19	22°50	27°58	8° 3	6°18	18°51	14°15	1°12	1°47	6°28	16°55	S 3
S 4	16 47 15	12°38'47	3♑26	4°29	14°31	23°20	28° 5	7°59	6°18	18°53	14°16	1° 2	1°44	6°35	16°56	S 4
M 5	16 51 11	13°36'09	16°58	4° 5	15°42	23°49	28°12	7°56	6°17	18°55	14°16	0°54	1°41	6°42	16°57	M 5
T 6	16 55 8	14°33'29	0♒ 5	3°45	16°54	24°18	28°19	7°53	6°17	18°57	14°16	0°48	1°38	6°48	16°58	T 6
W 7	16 59 5	15°30'49	12°48	3°27	18° 5	24°47	28°26	7°50	6°16	18°59	14°17	0°45	1°35	6°55	16°58	W 7
T 8	17 3 1	16°28'09	25°11	3°14	19°17	25°16	28°33	7°47	6°16	19° 1	14°17	0°44	1°31	7° 2	16°59	T 8
F 9	17 6 58	17°25'28	7♓18	3° 5	20°28	25°44	28°41	7°44	6°16	19° 4	14°17	0°D44	1°28	7° 8	17° 0	F 9
S 10	17 10 54	18°22'46	19°14	3° 0	21°39	26°12	28°49	7°41	6°16	19° 6	14°18	0°R44	1°25	7°15	17° 0	S 10
S 11	17 14 51	19°20'04	1♈ 4	3°D 0	22°51	26°40	28°56	7°38	6°15	19° 8	14°18	0°43	1°22	7°22	17° 1	S 11
M12	17 18 47	20°17'22	12°54	3° 4	24° 2	27° 7	29° 4	7°35	6°15	19°10	14°19	0°41	1°19	7°28	17° 1	M12
T 13	17 22 44	21°14'39	24°48	3°13	25°13	27°34	29°12	7°33	6°15	19°12	14°19	0°36	1°15	7°35	17° 2	T 13
W14	17 26 40	22°11'56	6♉51	3°26	26°24	28° 1	29°20	7°30	6°D15	19°13	14°20	0°29	1°12	7°42	17° 2	W14
T 15	17 30 37	23° 9'13	19° 6	3°44	27°35	28°27	29°29	7°28	6°15	19°15	14°21	0°20	1° 9	7°48	17° 3	T 15
F 16	17 34 34	24° 6'29	1♊36	4° 6	28°46	28°53	29°37	7°25	6°15	19°17	14°21	0° 9	1° 6	7°55	17° 3	F 16
S 17	17 38 30	25° 3'46	14°21	4°33	29°57	29°18	29°46	7°23	6°15	19°19	14°22	29♌58	1° 3	8° 2	17° 3	S 17
S 18	17 42 27	26° 1'01	27°21	5° 5	1♌ 8	29°43	29°54	7°21	6°15	19°21	14°23	29°47	1° 0	8° 8	17° 3	S 18
M19	17 46 23	26°58'17	10♋36	5°41	2°18	0♓ 8	0♍ 3	7°19	6°16	19°23	14°23	29°38	0°56	8°15	17° 3	M19
T 20	17 50 20	27°55'31	24° 4	6°21	3°29	0°32	0°12	7°17	6°16	19°25	14°24	29°31	0°53	8°22	17° 3	T 20
W21	17 54 16	28°52'46	7♌42	7° 6	4°40	0°56	0°21	7°15	6°16	19°27	14°25	29°27	0°50	8°28	17°R 3	W21
T 22	17 58 13	29°50'00	21°30	7°55	5°50	1°20	0°30	7°13	6°17	19°29	14°26	29°25	0°47	8°35	17° 3	T 22
F 23	18 2 10	0♋47'13	5♍24	8°48	7° 1	1°43	0°39	7°11	6°17	19°30	14°27	29°D25	0°44	8°42	17° 3	F 23
S 24	18 6 6	1°44'26	19°26	9°45	8°11	2° 6	0°48	7° 9	6°17	19°32	14°27	29°25	0°40	8°49	17° 3	S 24
S 25	18 10 3	2°41'38	3♎33	10°47	9°21	2°28	0°57	7° 8	6°18	19°34	14°28	29°R26	0°37	8°55	17° 3	S 25
M26	18 13 59	3°38'50	17°45	11°52	10°32	2°49	1° 7	7° 6	6°19	19°36	14°29	29°25	0°34	9° 2	17° 3	M26
T 27	18 17 56	4°36'01	1♏59	13° 1	11°42	3°11	1°16	7° 5	6°19	19°37	14°30	29°22	0°31	9° 9	17° 2	T 27
W28	18 21 52	5°33'12	16°13	14°15	12°52	3°31	1°26	7° 3	6°20	19°39	14°31	29°17	0°28	9°15	17° 2	W28
T 29	18 25 49	6°30'22	0♐24	15°32	14° 2	3°52	1°36	7° 2	6°21	19°41	14°32	29°10	0°25	9°22	17° 1	T 29
F 30	18 29 45	7♋27'33	14♐28	16♊53	15♌12	4♓11	1♍45	7♏ 1	6♎22	19♉42	14♍33	29♌ 2	0♍21	9♈29	17♓ 1	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n57	13s13	4n56	18n28	2s54	24n44	1n43	16s55	2s49	13n20	1n 8	11s48	2n35	1s52	0n43	15n47	1s43	19n57	14n57	10n56	10n49	0s11	0s44	4n50
F 2	22 5	16 17	5 0	18 9	3 8	24 39	1 45	16 47	2 52	13 18	1 7	11 47	2 34	1 52	0 43	15 48	1 43	19 56	14 57	11 0	10 50	0 9	0 43	4 50
S 3	22 13	18 18	4 46	17 52	3 20	24 34	1 46	16 40	2 55	13 15	1 7	11 47	2 34	1 51	0 42	15 48	1 43	19 56	14 56	11 4	10 51	0 7	0 43	4 51
S 4	22 21	19 11	4 15	17 36	3 31	24 27	1 47	16 33	2 57	13 13	1 7	11 46	2 34	1 51	0 42	15 49	1 43	19 55	14 56	11 7	10 52	0 5	0 42	4 51
M 5	22 28	18 55	3 30	17 22	3 41	24 20	1 48	16 26	3 0	13 10	1 7	11 45	2 34	1 51	0 42	15 49	1 43	19 55	14 55	11 10	10 54	0 3	0 42	4 51
T 6	22 35	17 38	2 35	17 10	3 50	24 12	1 49	16 19	3 3	13 7	1 7	11 44	2 34	1 51	0 42	15 50	1 43	19 54	14 55	11 12	10 55	0 1	0 41	4 51
W 7	22 41	15 30	1 34	16 59	3 57	24 4	1 50	16 12	3 6	13 5	1 7	11 43	2 34	1 51	0 42	15 50	1 43	19 54	14 55	11 13	10 56	0n 1	0 41	4 51
T 8	22 47	12 41	0 29	16 51	4 3	23 55	1 51	16 5	3 9	13 2	1 7	11 42	2 33	1 51	0 42	15 51	1 43	19 53	14 54	11 14	10 57	0 3	0 40	4 52
F 9	22 53	9 23	0s35	16 45	4 8	23 45	1 52	15 58	3 12	12 59	1 7	11 42	2 33	1 51	0 42	15 51	1 43	19 53	14 54	11 14	10 58	0 5	0 40	4 52
S 10	22 58	5 45	1 37	16 40	4 12	23 35	1 52	15 52	3 15	12 56	1 6	11 41	2 33	1 51	0 42	15 52	1 43	19 52	14 53	11 14	10 59	0 7	0 39	4 52
S 11	23 3	1 56	2 34	16 38	4 14	23 23	1 53	15 45	3 18	12 54	1 6	11 40	2 33	1 51	0 42	15 52	1 43	19 52	14 53	11 14	11 0	0 9	0 39	4 52
M12	23 7	1n58	3 24	16 38	4 15	23 12	1 53	15 39	3 22	12 51	1 6	11 39	2 32	1 51	0 42	15 53	1 43	19 51	14 52	11 15	11 1	0 11	0 38	4 53
T 13	23 11	5 48	4 6	16 40	4 15	22 59	1 54	15 32	3 25	12 48	1 6	11 39	2 32	1 51	0 42	15 53	1 43	19 50	14 52	11 16	11 3	0 13	0 38	4 53
W14	23 15	9 26	4 38	16 43	4 13	22 46	1 54	15 26	3 28	12 45	1 6	11 38	2 32	1 51	0 42	15 54	1 43	19 50	14 52	11 19	11 4	0 14	0 38	4 53
T 15	23 18	12 45	4 57	16 49	4 11	22 33	1 55	15 20	3 31	12 42	1 6	11 38	2 32	1 51	0 42	15 54	1 43	19 49	14 51	11 22	11 5	0 16	0 37	4 53
F 16	23 21	15 34	5 3	16 56	4 8	22 18	1 55	15 13	3 34	12 39	1 6	11 37	2 32	1 51	0 42	15 55	1 43	19 49	14 51	11 26	11 6	0 18	0 37	4 53
S 17	23 23	17 42	4 54	17 5	4 3	22 4	1 55	15 7	3 37	12 36	1 6	11 37	2 31	1 51	0 42	15 55	1 43	19 48	14 50	11 30	11 7	0 20	0 37	4 54
S 18	23 25	18 58	4 29	17 16	3 58	21 48	1 55	15 2	3 41	12 33	1 5	11 36	2 31	1 51	0 42	15 56	1 43	19 47	14 50	11 34	11 8	0 22	0 36	4 54
M19	23 26	19 14	3 50	17 28	3 52	21 32	1 55	14 56	3 44	12 29	1 5	11 36	2 31	1 51	0 42	15 56	1 43	19 47	14 50	11 37	11 9	0 24	0 36	4 54
T 20	23 27	18 25	2 57	17 42	3 45	21 16	1 55	14 50	3 47	12 26	1 5	11 35	2 31	1 51	0 42	15 57	1 44	19 46	14 49	11 39	11 10	0 26	0 36	4 54
W21	23 28	16 33	1 53	17 57	3 38	20 59	1 54	14 45	3 51	12 23	1 5	11 35	2 30	1 51	0 42	15 57	1 44	19 45	14 49	11 41	11 12	0 28	0 36	4 55
T 22	23 28	13 42	0 42	18 13	3 29	20 41	1 54	14 39	3 54	12 20	1 5	11 34	2 30	1 51	0 42	15 58	1 44	19 45	14 49	11 42	11 13	0 30	0 36	4 55
F 23	23 28	10 2	0n32	18 30	3 20	20 23	1 54	14 34	3 57	12 16	1 5	11 34	2 30	1 52	0 42	15 58	1 44	19 44	14 48	11 42	11 14	0 32	0 35	4 55
S 24	23 28	5 48	1 45	18 48	3 11	20 4	1 53	14 29	4 1	12 13	1 5	11 34	2 30	1 52	0 42	15 59	1 44	19 43	14 48	11 41	11 15	0 34	0 35	4 55
S 25	23 27	1 13	2 52	19 7	3 1	19 45	1 52	14 24	4 4	12 9	1 5	11 33	2 29	1 52	0 42	15 59	1 44	19 43	14 47	11 41	11 16	0 36	0 35	4 55
M26	23 25	3s26	3 49	19 26	2 50	19 25	1 52	14 20	4 8	12 6	1 5	11 33	2 29	1 52	0 42	16 0	1 44	19 42	14 47	11 42	11 17	0 38	0 35	4 56
T 27	23 24	7 55	4 32	19 46	2 39	19 5	1 51	14 15	4 11	12 3	1 4	11 33	2 29	1 53	0 41	16 0	1 44	19 41	14 47	11 43	11 18	0 40	0 35	4 56
W28	23 21	11 57	4 58	20 6	2 28	18 44	1 50	14 11	4 15	11 59	1 4	11 33	2 29	1 53	0 41	16 0	1 44	19 40	14 46	11 44	11 19	0 42	0 35	4 56
T 29	23 19	15 16	5 6	20 26	2 16	18 23	1 49	14 7	4 18	11 55	1 4	11 33	2 28	1 53	0 41	16 1	1 44	19 40	14 46	11 47	11 21	0 44	0 35	4 56
F 30	23n16	17s41	4n55	20n46	2s 4	18n 1	1n48	14s 3	4s22	11n52	1n 4	11s32	2n28	1s54	0n41	16n 1	1s44	19n39	14n45	11n49	11n22	0n46	0s35	4n57

Julian Day Number = 2349062.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'24, Lahiri = 19°56'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1719
geocentric

JULY 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 33 42	8♋24'43	28♐19	18♊17	16♌22	4♓31	1♍55	7°R 0	6♎22	19♉44	14♍34	28°R54	0♍18	9♈35	17°R 0	S 1
S 2	18 37 39	9°21'53	11♑54	19°46	17°32	4°49	2° 5	6♏59	6°23	19°46	14°35	28♌47	0°15	9°42	17♓ 0	S 2
M 3	18 41 35	10°19'04	25°10	21°18	18°41	5° 8	2°15	6°58	6°24	19°47	14°37	28°41	0°12	9°49	16°59	M 3
T 4	18 45 32	11°16'14	8♒ 7	22°54	19°51	5°25	2°25	6°57	6°25	19°49	14°38	28°37	0° 9	9°55	16°58	T 4
W 5	18 49 28	12°13'25	20°45	24°33	21° 0	5°42	2°36	6°57	6°26	19°50	14°39	28°35	0° 6	10° 2	16°58	W 5
T 6	18 53 25	13°10'36	3♓ 5	26°15	22°10	5°59	2°46	6°56	6°27	19°52	14°40	28°D35	0° 2	10° 9	16°57	T 6
F 7	18 57 21	14° 7'47	15°11	28° 1	23°19	6°15	2°56	6°56	6°29	19°53	14°41	28°36	29♌59	10°15	16°56	F 7
S 8	19 1 18	15° 4'59	27° 8	29°50	24°28	6°30	3° 7	6°55	6°30	19°55	14°43	28°37	29°56	10°22	16°55	S 8
S 9	19 5 14	16° 2'11	8♈59	1♋42	25°37	6°45	3°17	6°55	6°31	19°56	14°44	28°38	29°53	10°29	16°54	S 9
M10	19 9 11	16°59'24	20°50	3°37	26°46	6°59	3°28	6°55	6°32	19°58	14°45	28°R38	29°50	10°35	16°53	M10
T 11	19 13 8	17°56'37	2♉46	5°35	27°55	7°12	3°39	6°D55	6°34	19°59	14°47	28°37	29°46	10°42	16°52	T 11
W12	19 17 4	18°53'51	14°52	7°34	29° 4	7°25	3°50	6°55	6°35	20° 0	14°48	28°34	29°43	10°49	16°51	W12
T 13	19 21 1	19°51'06	27°11	9°36	0♍13	7°37	4° 0	6°55	6°37	20° 2	14°49	28°30	29°40	10°55	16°50	T 13
F 14	19 24 57	20°48'21	9♊48	11°40	1°21	7°48	4°11	6°55	6°38	20° 3	14°51	28°24	29°37	11° 2	16°48	F 14
S 15	19 28 54	21°45'37	22°43	13°45	2°30	7°59	4°22	6°55	6°40	20° 4	14°52	28°18	29°34	11° 9	16°47	S 15
S 16	19 32 50	22°42'53	5♋59	15°51	3°38	8° 8	4°34	6°56	6°41	20° 6	14°54	28°12	29°31	11°15	16°46	S 16
M17	19 36 47	23°40'10	19°33	17°58	4°47	8°18	4°45	6°56	6°43	20° 7	14°55	28° 8	29°27	11°22	16°44	M17
T 18	19 40 43	24°37'28	3♌23	20° 5	5°55	8°26	4°56	6°57	6°45	20° 8	14°57	28° 4	29°24	11°29	16°43	T 18
W19	19 44 40	25°34'46	17°27	22°13	7° 3	8°34	5° 7	6°58	6°46	20° 9	14°58	28° 2	29°21	11°35	16°41	W19
T 20	19 48 37	26°32'04	1♍39	24°21	8°11	8°41	5°19	6°58	6°48	20°10	15° 0	28°D 2	29°18	11°42	16°40	T 20
F 21	19 52 33	27°29'23	15°57	26°28	9°19	8°47	5°30	6°59	6°50	20°12	15° 1	28° 3	29°15	11°49	16°38	F 21
S 22	19 56 30	28°26'43	0♎16	28°35	10°27	8°52	5°41	7° 0	6°52	20°13	15° 3	28° 4	29°12	11°56	16°37	S 22
S 23	20 0 26	29°24'02	14°33	0♌41	11°34	8°57	5°53	7° 1	6°54	20°14	15° 5	28° 5	29° 8	12° 2	16°35	S 23
M24	20 4 23	0♌21'22	28°47	2°46	12°42	9° 1	6° 5	7° 3	6°56	20°15	15° 6	28°R 6	29° 5	12° 9	16°33	M24
T 25	20 8 19	1°18'43	12♏53	4°50	13°49	9° 4	6°16	7° 4	6°58	20°16	15° 8	28° 5	29° 2	12°16	16°32	T 25
W26	20 12 16	2°16'04	26°52	6°53	14°56	9° 6	6°28	7° 5	7° 0	20°17	15°10	28° 4	28°59	12°22	16°30	W26
T 27	20 16 12	3°13'26	10♐41	8°55	16° 3	9° 7	6°40	7° 7	7° 2	20°18	15°11	28° 1	28°56	12°29	16°28	T 27
F 28	20 20 9	4°10'48	24°19	10°55	17°10	9°R 8	6°52	7° 8	7° 4	20°19	15°13	27°58	28°52	12°36	16°26	F 28
S 29	20 24 6	5° 8'11	7♑43	12°54	18°17	9° 8	7° 3	7°10	7° 6	20°19	15°15	27°55	28°49	12°42	16°24	S 29
S 30	20 28 2	6° 5'35	20°54	14°51	19°23	9° 7	7°15	7°12	7° 9	20°20	15°17	27°51	28°46	12°49	16°22	S 30
M31	20 31 59	7♌ 2'59	3♒49	16♌47	20♍30	9♓ 5	7♍27	7♏14	7♎11	20♉21	15♍18	27♌49	28♌43	12♈56	16♓20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n12	19s 0	4n27	21n 6	1s52	17n39	1n47	13s59	4s25	11n48	1n 4	11s32	2n28	1s54	0n41	16n 2	1s44	19n38	14n45	11n52	11n23	0n48	0s35	4n57
S 2	23 9	19 13	3 45	21 26	1 39	17 17	1 46	13 55	4 29	11 45	1 4	11 32	2 28	1 55	0 41	16 2	1 44	19 37	14 45	11 55	11 24	0 50	0 35	4 57
M 3	23 4	18 20	2 50	21 45	1 27	16 54	1 44	13 52	4 32	11 41	1 4	11 32	2 27	1 55	0 41	16 2	1 44	19 37	14 44	11 57	11 25	0 52	0 35	4 57
T 4	23 0	16 31	1 48	22 3	1 14	16 30	1 43	13 48	4 36	11 37	1 4	11 32	2 27	1 55	0 41	16 3	1 44	19 36	14 44	11 58	11 26	0 54	0 35	4 57
W 5	22 55	13 56	0 42	22 20	1 1	16 7	1 41	13 45	4 39	11 33	1 4	11 32	2 27	1 56	0 41	16 3	1 44	19 35	14 44	11 59	11 27	0 56	0 35	4 58
T 6	22 49	10 46	0s24	22 36	0 49	15 43	1 39	13 43	4 43	11 30	1 4	11 32	2 27	1 56	0 41	16 3	1 44	19 34	14 43	11 59	11 28	0 58	0 35	4 58
F 7	22 43	7 13	1 29	22 51	0 36	15 18	1 38	13 40	4 47	11 26	1 4	11 32	2 26	1 57	0 41	16 4	1 44	19 33	14 43	11 59	11 30	1 0	0 35	4 58
S 8	22 37	3 25	2 29	23 5	0 24	14 53	1 36	13 38	4 50	11 22	1 4	11 33	2 26	1 57	0 41	16 4	1 44	19 33	14 43	11 58	11 31	1 2	0 36	4 58
S 9	22 31	0n29	3 22	23 16	0 12	14 28	1 34	13 36	4 54	11 18	1 3	11 33	2 26	1 58	0 41	16 5	1 44	19 32	14 42	11 58	11 32	1 4	0 36	4 58
M10	22 24	4 21	4 6	23 26	0n 0	14 3	1 32	13 34	4 58	11 14	1 3	11 33	2 26	1 58	0 41	16 5	1 44	19 31	14 42	11 58	11 33	1 6	0 36	4 59
T 11	22 16	8 4	4 40	23 33	0 12	13 37	1 30	13 32	5 1	11 10	1 3	11 33	2 25	1 59	0 41	16 5	1 44	19 30	14 42	11 58	11 34	1 8	0 36	4 59
W12	22 8	11 30	5 2	23 38	0 23	13 11	1 27	13 31	5 5	11 6	1 3	11 33	2 25	2 0	0 41	16 5	1 44	19 29	14 41	11 59	11 35	1 10	0 37	4 59
T 13	22 0	14 31	5 11	23 41	0 33	12 44	1 25	13 29	5 8	11 2	1 3	11 34	2 25	2 0	0 41	16 6	1 44	19 28	14 41	12 1	11 36	1 12	0 37	4 59
F 14	21 52	16 56	5 5	23 41	0 43	12 18	1 23	13 28	5 12	10 58	1 3	11 34	2 25	2 1	0 41	16 6	1 45	19 28	14 41	12 3	11 37	1 14	0 37	4 59
S 15	21 43	18 34	4 43	23 38	0 53	11 51	1 20	13 28	5 16	10 54	1 3	11 34	2 24	2 1	0 41	16 6	1 45	19 27	14 40	12 5	11 38	1 16	0 38	4 59
S 16	21 33	19 14	4 6	23 33	1 1	11 23	1 17	13 27	5 19	10 50	1 3	11 35	2 24	2 2	0 41	16 7	1 45	19 26	14 40	12 7	11 40	1 18	0 38	5 0
M17	21 24	18 50	3 15	23 25	1 9	10 56	1 15	13 27	5 23	10 46	1 3	11 35	2 24	2 3	0 41	16 7	1 45	19 25	14 40	12 9	11 41	1 20	0 38	5 0
T 18	21 14	17 19	2 11	23 14	1 16	10 28	1 12	13 27	5 26	10 41	1 3	11 36	2 23	2 4	0 41	16 7	1 45	19 24	14 40	12 10	11 42	1 22	0 39	5 0
W19	21 3	14 43	0 58	23 0	1 23	10 0	1 9	13 28	5 30	10 37	1 3	11 36	2 23	2 4	0 41	16 8	1 45	19 23	14 39	12 10	11 43	1 24	0 39	5 0
T 20	20 53	11 13	0n20	22 44	1 29	9 32	1 6	13 28	5 33	10 33	1 3	11 37	2 23	2 5	0 41	16 8	1 45	19 22	14 39	12 11	11 44	1 26	0 39	5 0
F 21	20 42	7 2	1 37	22 25	1 34	9 3	1 3	13 29	5 37	10 29	1 3	11 37	2 23	2 6	0 40	16 8	1 45	19 22	14 39	12 10	11 45	1 28	0 40	5 0
S 22	20 30	2 27	2 48	22 4	1 38	8 35	1 0	13 30	5 40	10 24	1 3	11 38	2 22	2 7	0 40	16 8	1 45	19 21	14 38	12 10	11 46	1 30	0 40	5 1
S 23	20 18	2s15	3 48	21 41	1 41	8 6	0 56	13 32	5 44	10 20	1 3	11 38	2 22	2 7	0 40	16 8	1 45	19 20	14 38	12 9	11 47	1 32	0 41	5 1
M24	20 6	6 47	4 34	21 15	1 44	7 37	0 53	13 33	5 47	10 16	1 2	11 39	2 22	2 8	0 40	16 9	1 45	19 19	14 38	12 9	11 48	1 34	0 41	5 1
T 25	19 54	10 55	5 3	20 47	1 46	7 8	0 49	13 35	5 50	10 11	1 2	11 40	2 22	2 9	0 40	16 9	1 45	19 18	14 38	12 9	11 50	1 36	0 42	5 1
W26	19 41	14 23	5 14	20 18	1 47	6 39	0 46	13 37	5 53	10 7	1 2	11 40	2 21	2 10	0 40	16 9	1 45	19 17	14 37	12 10	11 51	1 38	0 43	5 1
T 27	19 28	17 1	5 6	19 47	1 47	6 9	0 42	13 40	5 57	10 3	1 2	11 41	2 21	2 11	0 40	16 9	1 45	19 16	14 37	12 11	11 52	1 40	0 43	5 1
F 28	19 14	18 40	4 42	19 14	1 47	5 40	0 38	13 42	6 0	9 58	1 2	11 42	2 21	2 12	0 40	16 9	1 45	19 15	14 37	12 12	11 53	1 42	0 44	5 2
S 29	19 1	19 14	4 2	18 40	1 46	5 10	0 34	13 45	6 3	9 54	1 2	11 43	2 21	2 13	0 40	16 10	1 45	19 14	14 37	12 13	11 54	1 44	0 44	5 2
S 30	18 47	18 44	3 9	18 4	1 45	4 40	0 30	13 48	6 6	9 49	1 2	11 43	2 20	2 13	0 40	16 10	1 45	19 13	14 36	12 14	11 55	1 46	0 45	5 2
M31	18n32	17s15	2n 8	17n28	1n42	4n10	0n26	13s51	6s 9	9n45	1n 2	11s44	2n20	2s14	0n40	16n10	1s45	19n13	14n36	12n15	11n56	1n48	0s46	5n 2

Julian Day Number = 2349092.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'28, Lahiri = 19°56'28Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1719
geocentric

AUGUST 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 35 55	8♌ 0'25	16♒30	18♌41	21♍36	9°R 3	7♍39	7♏15	7♎13	20♉22	15♍20	27°R48	28♌40	13♈ 2	16°R18	T 1
W 2	20 39 52	8°57'51	28°56	20°33	22°42	9♓ 0	7°51	7°17	7°16	20°23	15°22	27°D47	28°37	13° 9	16♓16	W 2
T 3	20 43 48	9°55'19	11♓10	22°24	23°48	8°56	8° 3	7°20	7°18	20°23	15°24	27♌48	28°33	13°16	16°14	T 3
F 4	20 47 45	10°52'47	23°12	24°14	24°54	8°51	8°16	7°22	7°20	20°24	15°26	27°49	28°30	13°22	16°12	F 4
S 5	20 51 41	11°50'17	5♈ 7	26° 1	25°59	8°45	8°28	7°24	7°23	20°25	15°28	27°50	28°27	13°29	16° 9	S 5
S 6	20 55 38	12°47'49	16°58	27°48	27° 5	8°39	8°40	7°27	7°25	20°25	15°29	27°52	28°24	13°36	16° 7	S 6
M 7	20 59 35	13°45'21	28°49	29°32	28°10	8°32	8°52	7°29	7°28	20°26	15°31	27°53	28°21	13°42	16° 5	M 7
T 8	21 3 31	14°42'55	10♉45	1♍16	29°15	8°24	9° 5	7°32	7°31	20°26	15°33	27°R53	28°18	13°49	16° 2	T 8
W 9	21 7 28	15°40'31	22°50	2°57	0♎20	8°15	9°17	7°34	7°33	20°27	15°35	27°53	28°14	13°56	16° 0	W 9
T 10	21 11 24	16°38'07	5♊10	4°37	1°24	8° 6	9°29	7°37	7°36	20°28	15°37	27°53	28°11	14° 2	15°58	T 10
F 11	21 15 21	17°35'46	17°47	6°16	2°29	7°56	9°42	7°40	7°39	20°28	15°39	27°52	28° 8	14° 9	15°55	F 11
S 12	21 19 17	18°33'26	0♋45	7°53	3°33	7°45	9°54	7°43	7°41	20°28	15°41	27°50	28° 5	14°16	15°53	S 12
S 13	21 23 14	19°31'08	14° 7	9°29	4°37	7°34	10° 7	7°46	7°44	20°29	15°43	27°49	28° 2	14°23	15°50	S 13
M14	21 27 10	20°28'51	27°52	11° 3	5°41	7°22	10°19	7°49	7°47	20°29	15°45	27°48	27°58	14°29	15°48	M14
T 15	21 31 7	21°26'35	12♌ 0	12°36	6°44	7°10	10°32	7°52	7°50	20°30	15°47	27°48	27°55	14°36	15°45	T 15
W16	21 35 4	22°24'21	26°25	14° 7	7°48	6°57	10°45	7°56	7°53	20°30	15°49	27°D48	27°52	14°43	15°43	W16
T 17	21 39 0	23°22'08	11♍ 3	15°37	8°51	6°43	10°57	7°59	7°56	20°30	15°51	27°48	27°49	14°49	15°40	T 17
F 18	21 42 57	24°19'56	25°47	17° 5	9°54	6°30	11°10	8° 2	7°59	20°30	15°53	27°48	27°46	14°56	15°38	F 18
S 19	21 46 53	25°17'46	10♎30	18°32	10°56	6°15	11°23	8° 6	8° 2	20°31	15°55	27°48	27°43	15° 3	15°35	S 19
S 20	21 50 50	26°15'37	25° 7	19°57	11°59	6° 0	11°35	8°10	8° 5	20°31	15°57	27°49	27°39	15° 9	15°32	S 20
M21	21 54 46	27°13'29	9♏32	21°21	13° 1	5°45	11°48	8°13	8° 8	20°31	15°59	27°49	27°36	15°16	15°30	M21
T 22	21 58 43	28°11'22	23°42	22°43	14° 3	5°30	12° 1	8°17	8°11	20°31	16° 1	27°49	27°33	15°23	15°27	T 22
W23	22 2 39	29° 9'17	7♐35	24° 4	15° 4	5°15	12°14	8°21	8°14	20°31	16° 4	27°49	27°30	15°29	15°24	W23
T 24	22 6 36	0♑ 7'13	21°11	25°22	16° 5	4°59	12°26	8°25	8°17	20°31	16° 6	27°49	27°27	15°36	15°22	T 24
F 25	22 10 32	1° 5'10	4♑29	26°40	17° 6	4°43	12°39	8°29	8°20	20°R31	16° 8	27°49	27°24	15°43	15°19	F 25
S 26	22 14 29	2° 3'08	17°32	27°55	18° 7	4°27	12°52	8°33	8°24	20°31	16°10	27°49	27°20	15°49	15°16	S 26
S 27	22 18 26	3° 1'08	0♒21	29° 8	19° 7	4°11	13° 5	8°37	8°27	20°31	16°12	27°50	27°17	15°56	15°13	S 27
M28	22 22 22	3°59'10	12°56	0♎20	20° 7	3°55	13°18	8°41	8°30	20°31	16°14	27°50	27°14	16° 3	15°10	M28
T 29	22 26 19	4°57'13	25°19	1°30	21° 6	3°39	13°31	8°46	8°33	20°31	16°16	27°R51	27°11	16°10	15° 8	T 29
W30	22 30 15	5°55'17	7♓32	2°37	22° 6	3°23	13°44	8°50	8°37	20°31	16°18	27°50	27° 8	16°16	15° 5	W30
T 31	22 34 12	6♍53'23	19♓36	3♎43	23♎ 4	3♓ 7	13♍57	8♏55	8♎40	20♉30	16♍21	27♌50	27♌ 4	16♈23	15♓ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n18	14s56	1n 2	16n50	1n40	3n41	0n22	13s55	6s11	9n40	1n 2	11s45	2n20	2s15	0n40	16n10	1s45	19n12	14n36	12n15	11n57	1n50	0s46	5n 2
W 2	18 3	11 58	0s 6	16 11	1 37	3 11	0 18	13 59	6 14	9 36	1 2	11 46	2 19	2 16	0 40	16 10	1 46	19 11	14 36	12 15	11 58	1 52	0 47	5 2
T 3	17 47	8 31	1 13	15 32	1 33	2 40	0 14	14 3	6 17	9 31	1 2	11 47	2 19	2 17	0 40	16 10	1 46	19 10	14 36	12 15	12 0	1 54	0 48	5 2
F 4	17 32	4 47	2 16	14 52	1 29	2 10	0 9	14 7	6 19	9 27	1 2	11 48	2 19	2 18	0 40	16 11	1 46	19 9	14 35	12 15	12 1	1 56	0 48	5 2
S 5	17 16	0 54	3 12	14 11	1 24	1 40	0 5	14 11	6 22	9 22	1 2	11 49	2 19	2 19	0 40	16 11	1 46	19 8	14 35	12 14	12 2	1 58	0 49	5 3
S 6	17 0	2n59	4 0	13 30	1 19	1 10	0 0	14 16	6 24	9 17	1 2	11 50	2 18	2 20	0 40	16 11	1 46	19 7	14 35	12 14	12 3	2 0	0 50	5 3
M 7	16 43	6 45	4 37	12 48	1 14	0 40	0s 4	14 20	6 26	9 13	1 2	11 51	2 18	2 21	0 40	16 11	1 46	19 6	14 35	12 14	12 4	2 2	0 51	5 3
T 8	16 27	10 16	5 3	12 6	1 8	0 9	0 9	14 25	6 28	9 8	1 2	11 52	2 18	2 22	0 40	16 11	1 46	19 5	14 35	12 13	12 5	2 4	0 52	5 3
W 9	16 10	13 25	5 16	11 24	1 2	0s21	0 14	14 30	6 30	9 3	1 2	11 53	2 18	2 24	0 40	16 11	1 46	19 4	14 34	12 14	12 6	2 6	0 52	5 3
T 10	15 52	16 2	5 14	10 42	0 56	0 51	0 19	14 35	6 32	8 59	1 2	11 54	2 17	2 25	0 40	16 11	1 46	19 3	14 34	12 14	12 7	2 8	0 53	5 3
F 11	15 35	17 58	4 58	9 59	0 49	1 21	0 24	14 41	6 33	8 54	1 2	11 55	2 17	2 26	0 40	16 11	1 46	19 2	14 34	12 14	12 8	2 10	0 54	5 3
S 12	15 17	19 2	4 26	9 17	0 42	1 51	0 29	14 46	6 35	8 49	1 2	11 57	2 17	2 27	0 40	16 11	1 46	19 2	14 34	12 14	12 9	2 12	0 55	5 3
S 13	14 59	19 5	3 39	8 34	0 35	2 21	0 34	14 52	6 36	8 44	1 2	11 58	2 17	2 28	0 40	16 11	1 46	19 1	14 34	12 15	12 11	2 14	0 56	5 3
M14	14 41	18 2	2 39	7 51	0 28	2 52	0 39	14 57	6 37	8 40	1 2	11 59	2 16	2 29	0 40	16 11	1 46	19 0	14 34	12 15	12 12	2 16	0 57	5 3
T 15	14 23	15 50	1 27	7 9	0 20	3 22	0 44	15 3	6 38	8 35	1 2	12 0	2 16	2 30	0 40	16 11	1 46	18 59	14 33	12 15	12 13	2 18	0 58	5 3
W16	14 4	12 37	0 8	6 26	0 12	3 52	0 50	15 8	6 39	8 30	1 2	12 2	2 16	2 31	0 40	16 11	1 46	18 58	14 33	12 15	12 14	2 20	0 59	5 3
T 17	13 45	8 34	1n13	5 44	0 4	4 21	0 55	15 14	6 40	8 25	1 2	12 3	2 16	2 33	0 40	16 11	1 46	18 57	14 33	12 15	12 15	2 22	1 0	5 4
F 18	13 26	3 58	2 29	5 2	0s 4	4 51	1 1	15 20	6 40	8 20	1 2	12 4	2 15	2 34	0 40	16 11	1 46	18 56	14 33	12 15	12 16	2 24	1 1	5 4
S 19	13 6	0s51	3 36	4 21	0 13	5 21	1 6	15 25	6 40	8 16	1 2	12 6	2 15	2 35	0 40	16 11	1 47	18 55	14 33	12 15	12 17	2 26	1 1	5 4
S 20	12 47	5 35	4 27	3 39	0 21	5 50	1 12	15 31	6 40	8 11	1 2	12 7	2 15	2 36	0 39	16 11	1 47	18 54	14 33	12 15	12 18	2 28	1 2	5 4
M21	12 27	9 55	5 2	2 58	0 30	6 20	1 17	15 36	6 40	8 6	1 2	12 8	2 15	2 38	0 39	16 11	1 47	18 53	14 33	12 15	12 19	2 30	1 3	5 4
T 22	12 7	13 36	5 17	2 18	0 39	6 49	1 23	15 42	6 40	8 1	1 2	12 10	2 14	2 39	0 39	16 11	1 47	18 52	14 33	12 15	12 20	2 32	1 4	5 4
W23	11 47	16 28	5 13	1 38	0 48	7 18	1 29	15 47	6 39	7 56	1 2	12 11	2 14	2 40	0 39	16 11	1 47	18 52	14 33	12 15	12 22	2 34	1 6	5 4
T 24	11 27	18 20	4 52	0 58	0 57	7 47	1 35	15 52	6 39	7 51	1 2	12 13	2 14	2 41	0 39	16 11	1 47	18 51	14 33	12 15	12 23	2 36	1 7	5 4
F 25	11 6	19 9	4 15	0 19	1 6	8 16	1 40	15 57	6 38	7 46	1 2	12 14	2 14	2 43	0 39	16 11	1 47	18 50	14 33	12 15	12 24	2 38	1 8	5 4
S 26	10 46	18 55	3 26	0s19	1 15	8 45	1 46	16 2	6 37	7 41	1 2	12 16	2 14	2 44	0 39	16 11	1 47	18 49	14 32	12 15	12 25	2 40	1 9	5 4
S 27	10 25	17 43	2 27	0 57	1 24	9 14	1 52	16 7	6 35	7 36	1 2	12 17	2 13	2 45	0 39	16 11	1 47	18 48	14 32	12 15	12 26	2 43	1 10	5 4
M28	10 4	15 39	1 22	1 34	1 34	9 42	1 58	16 11	6 34	7 31	1 2	12 19	2 13	2 46	0 39	16 11	1 47	18 47	14 32	12 15	12 27	2 45	1 11	5 4
T 29	9 43	12 53	0 14	2 10	1 43	10 10	2 4	16 16	6 32	7 26	1 2	12 21	2 13	2 48	0 39	16 11	1 47	18 46	14 32	12 14	12 28	2 47	1 12	5 4
W30	9 21	9 35	0s53	2 45	1 52	10 38	2 10	16 20	6 30	7 22	1 2	12 22	2 13	2 49	0 39	16 11	1 47	18 45	14 32	12 14	12 29	2 49	1 13	5 4
T 31	9n 0	5s56	1s58	3s20	2s 1	11s 6	2s16	16s24	6s28	7n17	1n 2	12s24	2n12	2s50	0n39	16n11	1s47	18n44	14n32	12n15	12n30	2n51	1s14	5n 4

Julian Day Number = 2349123.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'32, Lahiri = 19°56'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1719
geocentric

SEPTEMBER 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 38 8	7♍51'31	1♈33	4♎46	24♎ 3	2°R51	14♍10	8♏59	8♎43	20°R30	16♍23	27°R49	27♌ 1	16♈30	14°R59	F 1
S 2	22 42 5	8°49'41	13°25	5°47	25° 1	2♓36	14°22	9° 4	8°47	20♉30	16°25	27♌47	26°58	16°36	14♓56	S 2
S 3	22 46 1	9°47'53	25°16	6°45	25°58	2°21	14°35	9° 8	8°50	20°30	16°27	27°46	26°55	16°43	14°53	S 3
M 4	22 49 58	10°46'06	7♉ 7	7°40	26°56	2° 6	14°48	9°13	8°54	20°29	16°29	27°44	26°52	16°50	14°51	M 4
T 5	22 53 55	11°44'22	19° 2	8°33	27°52	1°51	15° 1	9°18	8°57	20°29	16°31	27°42	26°49	16°56	14°48	T 5
W 6	22 57 51	12°42'39	1♊ 6	9°22	28°49	1°37	15°14	9°23	9° 0	20°28	16°34	27°41	26°45	17° 3	14°45	W 6
T 7	23 1 48	13°40'59	13°22	10° 8	29°44	1°23	15°27	9°28	9° 4	20°28	16°36	27°D41	26°42	17°10	14°42	T 7
F 8	23 5 44	14°39'21	25°56	10°51	0♏40	1°10	15°40	9°33	9° 7	20°28	16°38	27°41	26°39	17°16	14°39	F 8
S 9	23 9 41	15°37'45	8♋50	11°30	1°35	0°57	15°53	9°38	9°11	20°27	16°40	27°42	26°36	17°23	14°36	S 9
S 10	23 13 37	16°36'12	22° 9	12° 4	2°29	0°45	16° 6	9°43	9°15	20°27	16°42	27°44	26°33	17°30	14°33	S 10
M11	23 17 34	17°34'40	5♌55	12°35	3°23	0°33	16°19	9°48	9°18	20°26	16°44	27°45	26°29	17°37	14°31	M11
T 12	23 21 30	18°33'10	20° 6	13° 0	4°16	0°22	16°32	9°54	9°22	20°25	16°47	27°46	26°26	17°43	14°28	T 12
W13	23 25 27	19°31'43	4♍42	13°21	5° 9	0°12	16°45	9°59	9°25	20°25	16°49	27°R46	26°23	17°50	14°25	W13
T 14	23 29 24	20°30'17	19°36	13°36	6° 1	0° 2	16°58	10° 5	9°29	20°24	16°51	27°45	26°20	17°57	14°22	T 14
F 15	23 33 20	21°28'53	4♎41	13°46	6°52	29♒52	17°11	10°10	9°33	20°24	16°53	27°42	26°17	18° 3	14°19	F 15
S 16	23 37 17	22°27'31	19°48	13°R49	7°43	29°44	17°24	10°16	9°36	20°23	16°55	27°39	26°14	18°10	14°16	S 16
S 17	23 41 13	23°26'11	4♏47	13°46	8°33	29°36	17°37	10°21	9°40	20°22	16°58	27°36	26°10	18°17	14°13	S 17
M18	23 45 10	24°24'53	19°30	13°36	9°22	29°29	17°50	10°27	9°44	20°21	17° 0	27°33	26° 7	18°23	14°11	M18
T 19	23 49 6	25°23'37	3♐52	13°19	10°11	29°23	18° 3	10°32	9°47	20°21	17° 2	27°30	26° 4	18°30	14° 8	T 19
W20	23 53 3	26°22'22	17°50	12°55	10°59	29°18	18°16	10°38	9°51	20°20	17° 4	27°28	26° 1	18°37	14° 5	W20
T 21	23 56 59	27°21'09	1♑23	12°23	11°46	29°13	18°29	10°44	9°55	20°19	17° 6	27°D28	25°58	18°43	14° 2	T 21
F 22	0 0 56	28°19'57	14°33	11°45	12°32	29° 9	18°42	10°50	9°58	20°18	17° 8	27°29	25°55	18°50	13°59	F 22
S 23	0 4 53	29°18'48	27°23	10°59	13°18	29° 6	18°55	10°56	10° 2	20°17	17°10	27°31	25°51	18°57	13°57	S 23
S 24	0 8 49	0♎17'40	9♒56	10° 7	14° 2	29° 4	19° 8	11° 2	10° 6	20°16	17°13	27°32	25°48	19° 4	13°54	S 24
M25	0 12 46	1°16'33	22°16	9° 9	14°46	29° 2	19°20	11° 8	10°10	20°15	17°15	27°R33	25°45	19°10	13°51	M25
T 26	0 16 42	2°15'29	4♓24	8° 6	15°28	29°D 1	19°33	11°14	10°13	20°14	17°17	27°33	25°42	19°17	13°49	T 26
W27	0 20 39	3°14'27	16°26	7° 0	16°10	29° 1	19°46	11°20	10°17	20°13	17°19	27°32	25°39	19°24	13°46	W27
T 28	0 24 35	4°13'26	28°22	5°52	16°50	29° 2	19°59	11°26	10°21	20°12	17°21	27°28	25°35	19°30	13°43	T 28
F 29	0 28 32	5°12'27	10♈14	4°43	17°30	29° 4	20°12	11°32	10°25	20°11	17°23	27°23	25°32	19°37	13°41	F 29
S 30	0 32 28	6♎11'31	22♈ 5	3♎36	18♏ 8	29♒ 7	20♍24	11♏39	10♎28	20♉10	17♍25	27♌16	25♌29	19♈44	13♓38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n38	2s 5	2s56	3s53	2s10	11s33	2s23	16s28	6s26	7n12	1n 2	12s25	2n12	2s52	0n39	16n11	1s47	18n44	14n32	12n15	12n31	2n53	1s15	5n 4
S 2	8 16	1n50	3 47	4 25	2 19	12 0	2 29	16 31	6 23	7 7	1 2	12 27	2 12	2 53	0 39	16 10	1 47	18 43	14 32	12 16	12 32	2 55	1 16	5 4
S 3	7 54	5 38	4 27	4 57	2 28	12 27	2 35	16 34	6 21	7 2	1 2	12 29	2 12	2 54	0 39	16 10	1 47	18 42	14 32	12 16	12 34	2 57	1 17	5 4
M 4	7 32	9 14	4 56	5 27	2 36	12 54	2 41	16 37	6 18	6 57	1 2	12 30	2 12	2 56	0 39	16 10	1 47	18 41	14 32	12 17	12 35	2 59	1 19	5 4
T 5	7 10	12 29	5 13	5 55	2 45	13 20	2 47	16 40	6 15	6 52	1 2	12 32	2 11	2 57	0 39	16 10	1 47	18 40	14 32	12 17	12 36	3 1	1 20	5 4
W 6	6 48	15 15	5 16	6 22	2 53	13 46	2 54	16 42	6 12	6 47	1 2	12 34	2 11	2 59	0 39	16 10	1 48	18 39	14 32	12 18	12 37	3 3	1 21	5 3
T 7	6 26	17 24	5 4	6 48	3 1	14 12	3 0	16 44	6 9	6 42	1 2	12 36	2 11	3 0	0 39	16 10	1 48	18 39	14 32	12 18	12 38	3 5	1 22	5 3
F 8	6 3	18 46	4 39	7 12	3 9	14 38	3 6	16 45	6 5	6 37	1 2	12 37	2 11	3 1	0 39	16 10	1 48	18 38	14 32	12 18	12 39	3 7	1 23	5 3
S 9	5 40	19 13	3 58	7 34	3 16	15 3	3 13	16 47	6 2	6 32	1 2	12 39	2 11	3 3	0 39	16 9	1 48	18 37	14 32	12 17	12 40	3 9	1 24	5 3
S 10	5 18	18 37	3 4	7 54	3 23	15 28	3 19	16 48	5 58	6 27	1 2	12 41	2 10	3 4	0 39	16 9	1 48	18 36	14 32	12 17	12 41	3 11	1 25	5 3
M11	4 55	16 55	1 58	8 12	3 30	15 52	3 25	16 49	5 54	6 22	1 2	12 43	2 10	3 6	0 39	16 9	1 48	18 35	14 33	12 16	12 42	3 13	1 27	5 3
T 12	4 32	14 8	0 42	8 27	3 36	16 17	3 32	16 49	5 51	6 17	1 2	12 45	2 10	3 7	0 39	16 9	1 48	18 34	14 33	12 16	12 43	3 15	1 28	5 3
W13	4 9	10 24	0n38	8 40	3 41	16 40	3 38	16 49	5 47	6 12	1 2	12 47	2 10	3 9	0 39	16 9	1 48	18 34	14 33	12 16	12 44	3 17	1 29	5 3
T 14	3 46	5 55	1 57	8 51	3 46	17 4	3 44	16 49	5 42	6 6	1 2	12 48	2 10	3 10	0 39	16 8	1 48	18 33	14 33	12 16	12 45	3 19	1 30	5 3
F 15	3 23	1 2	3 9	8 58	3 50	17 27	3 51	16 48	5 38	6 1	1 2	12 50	2 9	3 11	0 39	16 8	1 48	18 32	14 33	12 17	12 47	3 21	1 31	5 3
S 16	3 0	3s55	4 8	9 2	3 53	17 50	3 57	16 47	5 34	5 56	1 2	12 52	2 9	3 13	0 39	16 8	1 48	18 31	14 33	12 18	12 48	3 23	1 33	5 3
S 17	2 37	8 35	4 49	9 3	3 55	18 12	4 3	16 46	5 30	5 51	1 2	12 54	2 9	3 14	0 39	16 8	1 48	18 31	14 33	12 19	12 49	3 25	1 34	5 3
M18	2 13	12 39	5 11	9 0	3 56	18 34	4 9	16 44	5 25	5 46	1 2	12 56	2 9	3 16	0 39	16 7	1 48	18 30	14 33	12 21	12 50	3 27	1 35	5 2
T 19	1 50	15 51	5 12	8 53	3 55	18 56	4 15	16 42	5 21	5 41	1 3	12 58	2 9	3 17	0 39	16 7	1 48	18 29	14 33	12 22	12 51	3 29	1 36	5 2
W20	1 27	18 2	4 54	8 41	3 54	19 17	4 22	16 40	5 16	5 36	1 3	13 0	2 9	3 19	0 39	16 7	1 48	18 28	14 33	12 22	12 52	3 31	1 37	5 2
T 21	1 3	19 7	4 21	8 26	3 50	19 38	4 28	16 37	5 11	5 31	1 3	13 2	2 8	3 20	0 39	16 7	1 48	18 28	14 34	12 22	12 53	3 33	1 38	5 2
F 22	0 40	19 8	3 34	8 6	3 45	19 58	4 34	16 34	5 7	5 26	1 3	13 4	2 8	3 22	0 39	16 6	1 48	18 27	14 34	12 22	12 54	3 35	1 40	5 2
S 23	0 16	18 8	2 38	7 42	3 38	20 18	4 40	16 31	5 2	5 21	1 3	13 6	2 8	3 23	0 39	16 6	1 48	18 26	14 34	12 21	12 55	3 37	1 41	5 2
S 24	0s 7	16 16	1 35	7 13	3 29	20 37	4 46	16 27	4 57	5 16	1 3	13 8	2 8	3 25	0 39	16 6	1 48	18 25	14 34	12 21	12 56	3 39	1 42	5 2
M25	0 30	13 39	0 29	6 40	3 19	20 56	4 52	16 24	4 53	5 11	1 3	13 10	2 8	3 26	0 39	16 5	1 48	18 25	14 34	12 20	12 57	3 41	1 43	5 1
T 26	0 54	10 29	0s37	6 4	3 6	21 14	4 58	16 19	4 48	5 6	1 3	13 12	2 8	3 28	0 39	16 5	1 49	18 24	14 34	12 20	12 58	3 43	1 44	5 1
W27	1 17	6 55	1 41	5 24	2 51	21 32	5 3	16 15	4 43	5 1	1 3	13 14	2 7	3 29	0 39	16 5	1 49	18 23	14 34	12 21	12 59	3 45	1 46	5 1
T 28	1 41	3 6	2 40	4 43	2 35	21 49	5 9	16 10	4 38	4 56	1 3	13 16	2 7	3 31	0 39	16 5	1 49	18 23	14 35	12 22	13 1	3 47	1 47	5 1
F 29	2 4	0n49	3 31	3 59	2 18	22 6	5 15	16 5	4 34	4 51	1 3	13 18	2 7	3 32	0 39	16 4	1 49	18 22	14 35	12 24	13 2	3 49	1 48	5 1
S 30	2s28	4n42	4s13	3s15	1s59	22s22	5s20	16s 0	4s29	4n47	1n 3	13s20	2n 7	3s33	0n39	16n 4	1s49	18n21	14n35	12n26	13n 3	3n51	1s49	5n 1

Julian Day Number = 2349154.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'37, Lahiri = 19°56'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1719
geocentric

OCTOBER 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 36 25	7♎10'37	3♉56	2°R32	18♏45	29♒10	20♍37	11♏45	10♎32	20°R 9	17♍27	27°R 8	25♌26	19♈50	13°R36	S 1
M 2	0 40 21	8° 9'44	15°49	1♎34	19°21	29°14	20°50	11°51	10°36	20♉ 8	17°29	27♌ 1	25°23	19°57	13♓33	M 2
T 3	0 44 18	9° 8'55	27°47	0°42	19°55	29°19	21° 2	11°58	10°40	20° 7	17°32	26°54	25°20	20° 4	13°30	T 3
W 4	0 48 15	10° 8'07	9♊52	29♍58	20°29	29°24	21°15	12° 4	10°44	20° 5	17°34	26°48	25°16	20°10	13°28	W 4
T 5	0 52 11	11° 7'22	22° 8	29°23	21° 1	29°30	21°28	12°10	10°47	20° 4	17°36	26°44	25°13	20°17	13°26	T 5
F 6	0 56 8	12° 6'39	4♋37	28°59	21°31	29°38	21°40	12°17	10°51	20° 3	17°38	26°42	25°10	20°24	13°23	F 6
S 7	1 0 4	13° 5'58	17°26	28°45	22° 0	29°45	21°53	12°23	10°55	20° 2	17°40	26°D42	25° 7	20°31	13°21	S 7
S 8	1 4 1	14° 5'20	0♌37	28°D42	22°27	29°54	22° 5	12°30	10°59	20° 0	17°42	26°43	25° 4	20°37	13°18	S 8
M 9	1 7 57	15° 4'44	14°13	28°50	22°53	0♓ 3	22°18	12°37	11° 2	19°59	17°44	26°44	25° 0	20°44	13°16	M 9
T 10	1 11 54	16° 4'10	28°17	29° 8	23°17	0°13	22°30	12°43	11° 6	19°58	17°46	26°R45	24°57	20°51	13°14	T 10
W11	1 15 50	17° 3'38	12♍48	29°37	23°40	0°24	22°43	12°50	11°10	19°56	17°48	26°43	24°54	20°57	13°12	W11
T 12	1 19 47	18° 3'09	27°43	0♎15	24° 0	0°35	22°55	12°57	11°14	19°55	17°50	26°40	24°51	21° 4	13° 9	T 12
F 13	1 23 44	19° 2'42	12♎55	1° 1	24°19	0°47	23° 7	13° 3	11°18	19°54	17°52	26°35	24°48	21°11	13° 7	F 13
S 14	1 27 40	20° 2'17	28°13	1°56	24°36	1° 0	23°20	13°10	11°21	19°52	17°53	26°27	24°45	21°17	13° 5	S 14
S 15	1 31 37	21° 1'54	13♏28	2°58	24°51	1°13	23°32	13°17	11°25	19°51	17°55	26°19	24°41	21°24	13° 3	S 15
M16	1 35 33	22° 1'33	28°28	4° 5	25° 4	1°27	23°44	13°24	11°29	19°49	17°57	26°10	24°38	21°31	13° 1	M16
T 17	1 39 30	23° 1'14	13♐ 5	5°19	25°14	1°42	23°56	13°31	11°33	19°48	17°59	26° 3	24°35	21°38	12°59	T 17
W18	1 43 26	24° 0'56	27°13	6°37	25°23	1°57	24° 8	13°37	11°36	19°46	18° 1	25°58	24°32	21°44	12°57	W18
T 19	1 47 23	25° 0'41	10♑52	7°59	25°29	2°13	24°20	13°44	11°40	19°45	18° 3	25°55	24°29	21°51	12°55	T 19
F 20	1 51 19	26° 0'27	24° 4	9°25	25°33	2°30	24°32	13°51	11°44	19°43	18° 5	25°D54	24°26	21°58	12°53	F 20
S 21	1 55 16	27° 0'14	6♒50	10°53	25°R35	2°47	24°44	13°58	11°47	19°42	18° 6	25°54	24°22	22° 4	12°51	S 21
S 22	1 59 13	28° 0'04	19°17	12°24	25°35	3° 4	24°56	14° 5	11°51	19°40	18° 8	25°55	24°19	22°11	12°49	S 22
M23	2 3 9	28°59'55	1♓28	13°57	25°31	3°23	25° 8	14°12	11°55	19°39	18°10	25°R55	24°16	22°18	12°48	M23
T 24	2 7 6	29°59'47	13°29	15°32	25°26	3°41	25°20	14°19	11°58	19°37	18°12	25°53	24°13	22°24	12°46	T 24
W25	2 11 2	0♏59'42	25°23	17° 8	25°18	4° 1	25°31	14°26	12° 2	19°36	18°13	25°49	24°10	22°31	12°44	W25
T 26	2 14 59	1°59'38	7♈14	18°45	25° 8	4°21	25°43	14°33	12° 6	19°34	18°15	25°42	24° 6	22°38	12°43	T 26
F 27	2 18 55	2°59'36	19° 4	20°22	24°55	4°41	25°55	14°40	12° 9	19°32	18°17	25°33	24° 3	22°45	12°41	F 27
S 28	2 22 52	3°59'35	0♉56	22° 0	24°40	5° 2	26° 6	14°47	12°13	19°31	18°19	25°21	24° 0	22°51	12°40	S 28
S 29	2 26 48	4°59'37	12°51	23°39	24°22	5°23	26°18	14°55	12°16	19°29	18°20	25° 8	23°57	22°58	12°38	S 29
M30	2 30 45	5°59'41	24°50	25°17	24° 2	5°45	26°29	15° 2	12°20	19°28	18°22	24°54	23°54	23° 5	12°37	M30
T 31	2 34 41	6♏59'46	6♊55	26♎56	23♏40	6♓ 7	26♍40	15♏ 9	12♎24	19♉26	18♍23	24♌41	23♌51	23♈11	12♓35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s51	8n23	4s44	2s31	1s39	22s38	5s25	15s54	4s24	4n42	1n 3	13s22	2n 7	3s35	0n39	16n 4	1s49	18n21	14n35	12n29	13n 4	3n53	1s50	5n 0
M 2	3 15	11 46	5 3	1 49	1 19	22 53	5 31	15 48	4 19	4 37	1 3	13 24	2 7	3 36	0 39	16 3	1 49	18 20	14 35	12 32	13 5	3 55	1 51	5 0
T 3	3 38	14 41	5 9	1 10	0 58	23 8	5 36	15 42	4 15	4 32	1 3	13 26	2 7	3 38	0 39	16 3	1 49	18 19	14 36	12 34	13 6	3 57	1 52	5 0
W 4	4 1	17 0	5 1	0 34	0 38	23 22	5 41	15 36	4 10	4 27	1 4	13 28	2 7	3 39	0 39	16 2	1 49	18 19	14 36	12 36	13 7	4 0	1 54	5 0
T 5	4 24	18 35	4 39	0 2	0 18	23 35	5 46	15 29	4 5	4 22	1 4	13 30	2 6	3 41	0 39	16 2	1 49	18 18	14 36	12 37	13 8	4 2	1 55	5 0
F 6	4 48	19 20	4 4	0n25	0n 1	23 48	5 50	15 22	4 0	4 17	1 4	13 32	2 6	3 42	0 39	16 2	1 49	18 18	14 36	12 38	13 9	4 4	1 56	4 59
S 7	5 11	19 6	3 16	0 47	0 19	24 0	5 55	15 15	3 56	4 12	1 4	13 35	2 6	3 44	0 39	16 1	1 49	18 17	14 37	12 38	13 10	4 6	1 57	4 59
S 8	5 34	17 50	2 16	1 4	0 35	24 11	5 59	15 8	3 51	4 7	1 4	13 37	2 6	3 45	0 39	16 1	1 49	18 16	14 37	12 38	13 11	4 8	1 58	4 59
M 9	5 57	15 31	1 7	1 14	0 51	24 22	6 3	15 0	3 47	4 2	1 4	13 39	2 6	3 47	0 39	16 1	1 49	18 16	14 37	12 37	13 12	4 10	1 59	4 59
T 10	6 20	12 13	0n 8	1 20	1 4	24 32	6 7	14 52	3 42	3 58	1 4	13 41	2 6	3 48	0 39	16 0	1 49	18 15	14 37	12 37	13 13	4 12	2 0	4 58
W11	6 43	8 5	1 25	1 20	1 17	24 41	6 10	14 44	3 38	3 53	1 4	13 43	2 6	3 50	0 39	16 0	1 49	18 15	14 38	12 37	13 14	4 14	2 1	4 58
T 12	7 5	3 20	2 39	1 14	1 27	24 49	6 13	14 36	3 33	3 48	1 4	13 45	2 6	3 51	0 39	15 59	1 49	18 14	14 38	12 39	13 15	4 16	2 2	4 58
F 13	7 28	1s42	3 42	1 4	1 37	24 57	6 16	14 27	3 29	3 43	1 4	13 47	2 5	3 53	0 39	15 59	1 49	18 14	14 38	12 40	13 17	4 18	2 3	4 58
S 14	7 51	6 39	4 30	0 50	1 44	25 4	6 19	14 19	3 24	3 38	1 4	13 49	2 5	3 54	0 39	15 59	1 49	18 13	14 38	12 43	13 18	4 20	2 4	4 58
S 15	8 13	11 10	4 58	0 31	1 51	25 10	6 22	14 10	3 20	3 34	1 5	13 51	2 5	3 56	0 39	15 58	1 49	18 13	14 39	12 46	13 19	4 22	2 5	4 57
M16	8 35	14 53	5 5	0 8	1 56	25 15	6 24	14 1	3 15	3 29	1 5	13 54	2 5	3 57	0 39	15 58	1 49	18 12	14 39	12 49	13 20	4 24	2 6	4 57
T 17	8 58	17 34	4 52	0s17	1 59	25 20	6 25	13 52	3 11	3 24	1 5	13 56	2 5	3 59	0 39	15 57	1 49	18 12	14 39	12 51	13 21	4 26	2 7	4 57
W18	9 20	19 5	4 22	0 46	2 2	25 23	6 27	13 42	3 7	3 20	1 5	13 58	2 5	4 0	0 39	15 57	1 49	18 11	14 40	12 53	13 22	4 28	2 8	4 57
T 19	9 42	19 25	3 37	1 17	2 3	25 25	6 27	13 32	3 3	3 15	1 5	14 0	2 5	4 2	0 39	15 57	1 49	18 11	14 40	12 54	13 23	4 30	2 9	4 56
F 20	10 4	18 40	2 42	1 50	2 4	25 27	6 28	13 23	2 59	3 10	1 5	14 2	2 5	4 3	0 39	15 56	1 49	18 11	14 40	12 54	13 24	4 32	2 10	4 56
S 21	10 25	16 58	1 40	2 25	2 4	25 27	6 28	13 13	2 55	3 6	1 5	14 4	2 5	4 4	0 39	15 56	1 49	18 10	14 41	12 54	13 25	4 34	2 11	4 56
S 22	10 47	14 30	0 35	3 2	2 2	25 27	6 27	13 2	2 51	3 1	1 5	14 6	2 5	4 6	0 39	15 55	1 49	18 10	14 41	12 54	13 26	4 36	2 12	4 55
M23	11 8	11 26	0s30	3 40	2 1	25 25	6 26	12 52	2 47	2 56	1 6	14 9	2 5	4 7	0 39	15 55	1 49	18 9	14 41	12 54	13 27	4 38	2 13	4 55
T 24	11 29	7 55	1 32	4 18	1 58	25 22	6 25	12 42	2 43	2 52	1 6	14 11	2 4	4 9	0 39	15 54	1 49	18 9	14 42	12 55	13 28	4 40	2 14	4 55
W25	11 50	4 8	2 30	4 58	1 55	25 18	6 22	12 31	2 39	2 47	1 6	14 13	2 4	4 10	0 39	15 54	1 49	18 9	14 42	12 56	13 29	4 42	2 15	4 55
T 26	12 11	0 12	3 21	5 38	1 51	25 12	6 20	12 20	2 35	2 43	1 6	14 15	2 4	4 12	0 39	15 54	1 49	18 8	14 42	12 58	13 30	4 44	2 16	4 54
F 27	12 32	3n44	4 3	6 19	1 47	25 6	6 16	12 9	2 31	2 38	1 6	14 17	2 4	4 13	0 39	15 53	1 50	18 8	14 43	13 1	13 31	4 46	2 17	4 54
S 28	12 52	7 31	4 35	7 0	1 43	24 58	6 12	11 58	2 27	2 34	1 6	14 19	2 4	4 14	0 39	15 53	1 50	18 8	14 43	13 5	13 32	4 48	2 18	4 54
S 29	13 12	11 2	4 54	7 41	1 38	24 49	6 7	11 47	2 24	2 29	1 6	14 21	2 4	4 16	0 39	15 52	1 50	18 7	14 44	13 10	13 33	4 50	2 18	4 53
M30	13 32	14 8	5 1	8 22	1 33	24 39	6 2	11 35	2 20	2 25	1 6	14 23	2 4	4 17	0 39	15 52	1 50	18 7	14 44	13 14	13 34	4 52	2 19	4 53
T 31	13s52	16n39	4s54	9s 2	1n27	24s27	5s56	11s24	2s16	2n21	1n 7	14s26	2n 4	4s18	0n39	15n51	1s50	18n 7	14n44	13n19	13n36	4n54	2s20	4n53

Julian Day Number = 2349184.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'41, Lahiri = 19°56'41Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1719
geocentric

NOVEMBER 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 38 38	7♏59'54	19♊ 7	28♎35	23°R16	6♓30	26♍52	15♏16	12♎27	19°R24	18♍25	24°R31	23♌47	23♈18	12°R34	W 1
T 2	2 42 35	9° 0'04	1♋28	0♏14	22♏50	6°53	27° 3	15°23	12°31	19♉23	18°26	24♌22	23°44	23°25	12♓33	T 2
F 3	2 46 31	10° 0'15	14° 0	1°52	22°21	7°16	27°14	15°30	12°34	19°21	18°28	24°17	23°41	23°32	12°32	F 3
S 4	2 50 28	11° 0'29	26°48	3°31	21°52	7°40	27°25	15°37	12°37	19°19	18°30	24°14	23°38	23°38	12°30	S 4
S 5	2 54 24	12° 0'45	9♌53	5° 9	21°20	8° 5	27°36	15°44	12°41	19°18	18°31	24°D14	23°35	23°45	12°29	S 5
M 6	2 58 21	13° 1'03	23°20	6°47	20°47	8°29	27°47	15°52	12°44	19°16	18°32	24°R14	23°32	23°52	12°28	M 6
T 7	3 2 17	14° 1'22	7♍11	8°24	20°13	8°54	27°57	15°59	12°48	19°14	18°34	24°13	23°28	23°58	12°27	T 7
W 8	3 6 14	15° 1'44	21°28	10° 2	19°38	9°20	28° 8	16° 6	12°51	19°13	18°35	24°11	23°25	24° 5	12°26	W 8
T 9	3 10 10	16° 2'08	6♎ 8	11°39	19° 3	9°46	28°19	16°13	12°54	19°11	18°37	24° 6	23°22	24°12	12°25	T 9
F 10	3 14 7	17° 2'33	21° 9	13°16	18°27	10°12	28°29	16°20	12°58	19° 9	18°38	23°59	23°19	24°18	12°25	F 10
S 11	3 18 4	18° 3'01	6♏21	14°53	17°50	10°39	28°40	16°27	13° 1	19° 7	18°39	23°49	23°16	24°25	12°24	S 11
S 12	3 22 0	19° 3'30	21°34	16°29	17°14	11° 5	28°50	16°35	13° 4	19° 6	18°41	23°37	23°12	24°32	12°23	S 12
M13	3 25 57	20° 4'00	6♐37	18° 5	16°38	11°33	29° 1	16°42	13° 7	19° 4	18°42	23°25	23° 9	24°39	12°22	M13
T 14	3 29 53	21° 4'33	21°21	19°41	16° 2	12° 0	29°11	16°49	13°11	19° 2	18°43	23°15	23° 6	24°45	12°22	T 14
W15	3 33 50	22° 5'06	5♑39	21°16	15°27	12°28	29°21	16°56	13°14	19° 1	18°44	23° 7	23° 3	24°52	12°21	W15
T 16	3 37 46	23° 5'41	19°26	22°51	14°53	12°56	29°31	17° 3	13°17	18°59	18°46	23° 1	23° 0	24°59	12°21	T 16
F 17	3 41 43	24° 6'18	2♒44	24°26	14°21	13°25	29°41	17°10	13°20	18°57	18°47	22°58	22°57	25° 5	12°20	F 17
S 18	3 45 40	25° 6'55	15°35	26° 1	13°49	13°54	29°51	17°17	13°23	18°56	18°48	22°57	22°53	25°12	12°20	S 18
S 19	3 49 36	26° 7'34	28° 3	27°36	13°20	14°23	0♎ 0	17°25	13°26	18°54	18°49	22°57	22°50	25°19	12°20	S 19
M20	3 53 33	27° 8'13	10♓14	29°10	12°52	14°52	0°10	17°32	13°29	18°52	18°50	22°57	22°47	25°26	12°20	M20
T 21	3 57 29	28° 8'54	22°13	0♐45	12°26	15°22	0°19	17°39	13°32	18°51	18°51	22°55	22°44	25°32	12°19	T 21
W22	4 1 26	29° 9'36	4♈ 5	2°19	12° 1	15°52	0°29	17°46	13°35	18°49	18°52	22°50	22°41	25°39	12°19	W22
T 23	4 5 22	0♐10'19	15°54	3°53	11°40	16°22	0°38	17°53	13°38	18°47	18°53	22°43	22°37	25°46	12°19	T 23
F 24	4 9 19	1°11'03	27°45	5°26	11°20	16°52	0°47	18° 0	13°41	18°46	18°54	22°33	22°34	25°52	12°D19	F 24
S 25	4 13 15	2°11'48	9♉40	7° 0	11° 3	17°23	0°56	18° 7	13°44	18°44	18°55	22°21	22°31	25°59	12°19	S 25
S 26	4 17 12	3°12'35	21°41	8°34	10°48	17°54	1° 5	18°14	13°47	18°42	18°56	22° 6	22°28	26° 6	12°19	S 26
M27	4 21 8	4°13'22	3♊49	10° 7	10°35	18°25	1°14	18°21	13°49	18°41	18°57	21°52	22°25	26°12	12°19	M27
T 28	4 25 5	5°14'11	16° 6	11°41	10°26	18°56	1°23	18°28	13°52	18°39	18°57	21°38	22°22	26°19	12°20	T 28
W29	4 29 2	6°15'01	28°31	13°14	10°18	19°28	1°32	18°35	13°55	18°37	18°58	21°27	22°18	26°26	12°20	W29
T 30	4 32 58	7♐15'53	11♋ 6	14♐48	10♏13	20♓ 0	1♎40	18♏42	13♎57	18♉36	18♍59	21♌18	22♌15	26♈33	12♓20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s12	18n28	4s34	9s43	1n21	24s14	5s49	11s12	2s13	2n16	1n 7	14s28	2n 4	4s20	0n39	15n51	1s50	18n 7	14n45	13n22	13n37	4n56	2s21	4n53
T 2	14 31	19 27	4 1	10 23	1 15	24 0	5 41	11 0	2 9	2 12	1 7	14 30	2 4	4 21	0 39	15 50	1 50	18 6	14 45	13 25	13 38	4 59	2 22	4 52
F 3	14 50	19 29	3 16	11 3	1 9	23 44	5 33	10 48	2 6	2 8	1 7	14 32	2 4	4 23	0 39	15 50	1 50	18 6	14 46	13 27	13 39	5 1	2 22	4 52
S 4	15 9	18 32	2 20	11 43	1 3	23 28	5 24	10 36	2 3	2 3	1 7	14 34	2 4	4 24	0 39	15 49	1 50	18 6	14 46	13 28	13 40	5 3	2 23	4 52
S 5	15 28	16 35	1 15	12 22	0 57	23 10	5 14	10 24	1 59	1 59	1 7	14 36	2 4	4 25	0 39	15 49	1 50	18 6	14 46	13 28	13 41	5 5	2 24	4 51
M 6	15 46	13 41	0 5	13 1	0 50	22 51	5 3	10 11	1 56	1 55	1 7	14 38	2 4	4 27	0 39	15 49	1 50	18 6	14 47	13 28	13 42	5 7	2 24	4 51
T 7	16 4	9 56	1n 8	13 39	0 43	22 31	4 52	9 59	1 53	1 51	1 8	14 40	2 4	4 28	0 39	15 48	1 50	18 5	14 47	13 28	13 43	5 9	2 25	4 51
W 8	16 22	5 31	2 19	14 16	0 37	22 10	4 40	9 46	1 50	1 47	1 8	14 42	2 4	4 29	0 39	15 48	1 50	18 5	14 48	13 29	13 44	5 11	2 26	4 50
T 9	16 40	0 39	3 22	14 53	0 30	21 48	4 28	9 34	1 46	1 43	1 8	14 44	2 4	4 30	0 39	15 47	1 50	18 5	14 48	13 30	13 45	5 13	2 26	4 50
F 10	16 57	4s21	4 13	15 28	0 23	21 25	4 15	9 21	1 43	1 39	1 8	14 46	2 4	4 32	0 39	15 47	1 50	18 5	14 49	13 33	13 46	5 15	2 27	4 50
S 11	17 14	9 8	4 47	16 4	0 16	21 2	4 1	9 8	1 40	1 35	1 8	14 48	2 4	4 33	0 39	15 46	1 50	18 5	14 49	13 36	13 47	5 17	2 28	4 49
S 12	17 31	13 21	5 0	16 38	0 10	20 38	3 47	8 55	1 37	1 31	1 8	14 51	2 4	4 34	0 39	15 46	1 50	18 5	14 50	13 40	13 48	5 19	2 28	4 49
M13	17 47	16 38	4 52	17 12	0 3	20 14	3 33	8 42	1 34	1 27	1 9	14 53	2 4	4 35	0 39	15 45	1 50	18 5	14 50	13 44	13 49	5 21	2 29	4 49
T 14	18 3	18 47	4 25	17 44	0s 4	19 49	3 18	8 29	1 31	1 23	1 9	14 55	2 3	4 37	0 39	15 45	1 50	18 5	14 50	13 47	13 50	5 23	2 29	4 48
W15	18 19	19 39	3 42	18 16	0 10	19 25	3 3	8 15	1 29	1 19	1 9	14 57	2 3	4 38	0 39	15 44	1 50	18 4	14 51	13 50	13 51	5 25	2 30	4 48
T 16	18 34	19 18	2 47	18 47	0 17	19 0	2 48	8 2	1 26	1 15	1 9	14 59	2 3	4 39	0 39	15 44	1 50	18 4	14 51	13 52	13 52	5 27	2 30	4 48
F 17	18 50	17 53	1 45	19 17	0 24	18 35	2 32	7 48	1 23	1 11	1 9	15 1	2 3	4 40	0 39	15 44	1 50	18 4	14 52	13 53	13 53	5 29	2 31	4 47
S 18	19 4	15 34	0 39	19 47	0 30	18 11	2 17	7 35	1 20	1 8	1 10	15 3	2 3	4 41	0 39	15 43	1 50	18 4	14 52	13 53	13 54	5 31	2 31	4 47
S 19	19 19	12 35	0s27	20 15	0 37	17 47	2 1	7 21	1 17	1 4	1 10	15 5	2 3	4 43	0 39	15 43	1 50	18 4	14 53	13 53	13 55	5 33	2 32	4 47
M20	19 33	9 8	1 30	20 42	0 43	17 24	1 46	7 7	1 15	1 0	1 10	15 7	2 3	4 44	0 39	15 42	1 50	18 4	14 53	13 53	13 56	5 35	2 32	4 46
T 21	19 47	5 22	2 28	21 8	0 49	17 1	1 30	6 53	1 12	0 57	1 10	15 9	2 3	4 45	0 39	15 42	1 50	18 4	14 54	13 54	13 57	5 37	2 32	4 46
W22	20 0	1 25	3 19	21 33	0 55	16 39	1 15	6 39	1 10	0 53	1 10	15 11	2 3	4 46	0 39	15 41	1 50	18 5	14 54	13 55	13 59	5 39	2 33	4 46
T 23	20 13	2n33	4 1	21 57	1 1	16 18	1 0	6 25	1 7	0 49	1 10	15 13	2 3	4 47	0 39	15 41	1 50	18 5	14 55	13 58	14 0	5 41	2 33	4 45
F 24	20 26	6 26	4 33	22 20	1 7	15 58	0 45	6 11	1 5	0 46	1 11	15 14	2 3	4 48	0 39	15 40	1 49	18 5	14 55	14 1	14 1	5 43	2 33	4 45
S 25	20 38	10 6	4 53	22 42	1 13	15 39	0 31	5 57	1 2	0 43	1 11	15 16	2 4	4 49	0 39	15 40	1 49	18 5	14 56	14 5	14 2	5 45	2 34	4 45
S 26	20 50	13 23	5 0	23 3	1 18	15 21	0 16	5 42	1 0	0 39	1 11	15 18	2 4	4 50	0 39	15 40	1 49	18 5	14 56	14 10	14 3	5 47	2 34	4 44
M27	21 1	16 8	4 54	23 23	1 24	15 4	0 2	5 28	0 57	0 36	1 11	15 20	2 4	4 51	0 39	15 39	1 49	18 5	14 57	14 14	14 4	5 49	2 34	4 44
T 28	21 12	18 13	4 34	23 41	1 29	14 48	0n11	5 13	0 55	0 33	1 11	15 22	2 4	4 52	0 39	15 39	1 49	18 5	14 57	14 19	14 5	5 51	2 34	4 44
W29	21 23	19 28	4 0	23 58	1 34	14 33	0 24	4 59	0 53	0 29	1 12	15 24	2 4	4 53	0 39	15 38	1 49	18 5	14 58	14 22	14 6	5 54	2 35	4 43
T 30	21s33	19n46	3s15	24s14	1s39	14s19	0n37	4s44	0s50	0n26	1n12	15s26	2n 4	4s54	0n39	15n38	1s49	18n 5	14n58	14n25	14n 7	5n56	2s35	4n43

Julian Day Number = 2349215.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'45, Lahiri = 19°56'45Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1719
geocentric

DECEMBER 1719 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 36 55	8♐16'45	23♋51	16♐21	10°D11	20♓32	1♎48	18♏49	14♎ 0	18°R34	19♍ 0	21°R12	22♌12	26♈39	12♓21	F 1
S 2	4 40 51	9°17'39	6♌47	17°55	10♏11	21° 4	1°57	18°56	14° 2	18♉33	19° 0	21♌ 9	22° 9	26°46	12°21	S 2
S 3	4 44 48	10°18'34	19°58	19°28	10°13	21°36	2° 5	19° 3	14° 5	18°31	19° 1	21°D 8	22° 6	26°53	12°22	S 3
M 4	4 48 44	11°19'31	3♍24	21° 1	10°18	22° 9	2°13	19° 9	14° 7	18°30	19° 2	21° 8	22° 3	26°59	12°22	M 4
T 5	4 52 41	12°20'28	17° 7	22°34	10°26	22°41	2°21	19°16	14°10	18°28	19° 2	21°R 9	21°59	27° 6	12°23	T 5
W 6	4 56 38	13°21'27	1♎10	24° 7	10°35	23°14	2°28	19°23	14°12	18°27	19° 3	21° 7	21°56	27°13	12°24	W 6
T 7	5 0 34	14°22'27	15°32	25°41	10°47	23°47	2°36	19°30	14°15	18°25	19° 3	21° 4	21°53	27°20	12°24	T 7
F 8	5 4 31	15°23'28	0♏10	27°14	11° 1	24°20	2°44	19°36	14°17	18°24	19° 4	20°57	21°50	27°26	12°25	F 8
S 9	5 8 27	16°24'31	15° 0	28°46	11°17	24°54	2°51	19°43	14°19	18°22	19° 4	20°49	21°47	27°33	12°26	S 9
S 10	5 12 24	17°25'34	29°53	0♑19	11°35	25°27	2°58	19°50	14°21	18°21	19° 5	20°39	21°43	27°40	12°27	S 10
M11	5 16 20	18°26'38	14♐42	1°52	11°55	26° 1	3° 5	19°56	14°24	18°19	19° 5	20°29	21°40	27°46	12°28	M11
T 12	5 20 17	19°27'43	29°16	3°24	12°17	26°35	3°12	20° 3	14°26	18°18	19° 5	20°19	21°37	27°53	12°29	T 12
W13	5 24 13	20°28'49	13♑30	4°56	12°41	27° 9	3°19	20° 9	14°28	18°16	19° 6	20°12	21°34	28° 0	12°30	W13
T 14	5 28 10	21°29'55	27°19	6°27	13° 7	27°43	3°26	20°16	14°30	18°15	19° 6	20° 7	21°31	28° 7	12°31	T 14
F 15	5 32 7	22°31'02	10♒40	7°58	13°34	28°18	3°32	20°22	14°32	18°14	19° 6	20° 4	21°28	28°13	12°32	F 15
S 16	5 36 3	23°32'09	23°36	9°29	14° 3	28°52	3°38	20°29	14°34	18°12	19° 7	20°D 4	21°24	28°20	12°34	S 16
S 17	5 40 0	24°33'16	6♓ 9	10°58	14°34	29°27	3°45	20°35	14°36	18°11	19° 7	20° 5	21°21	28°27	12°35	S 17
M18	5 43 56	25°34'23	18°24	12°27	15° 6	0♈ 1	3°51	20°41	14°37	18°10	19° 7	20° 6	21°18	28°33	12°36	M18
T 19	5 47 53	26°35'31	0♈25	13°55	15°40	0°36	3°56	20°48	14°39	18° 9	19° 7	20°R 6	21°15	28°40	12°38	T 19
W20	5 51 49	27°36'39	12°18	15°21	16°15	1°11	4° 2	20°54	14°41	18° 7	19° 7	20° 4	21°12	28°47	12°39	W20
T 21	5 55 46	28°37'46	24° 9	16°45	16°51	1°46	4° 8	21° 0	14°43	18° 6	19° 7	20° 1	21° 9	28°54	12°41	T 21
F 22	5 59 42	29°38'54	6♉ 1	18° 8	17°29	2°21	4°13	21° 6	14°44	18° 5	19°R 7	19°55	21° 5	29° 0	12°42	F 22
S 23	6 3 39	0♑40'03	17°59	19°28	18° 8	2°57	4°18	21°12	14°46	18° 4	19° 7	19°47	21° 2	29° 7	12°44	S 23
S 24	6 7 36	1°41'11	0♊ 6	20°46	18°48	3°32	4°24	21°18	14°47	18° 3	19° 7	19°38	20°59	29°14	12°46	S 24
M25	6 11 32	2°42'19	12°23	22° 0	19°30	4° 8	4°28	21°24	14°49	18° 2	19° 7	19°29	20°56	29°20	12°48	M25
T 26	6 15 29	3°43'28	24°53	23°11	20°12	4°43	4°33	21°30	14°50	18° 0	19° 7	19°20	20°53	29°27	12°49	T 26
W27	6 19 25	4°44'36	7♋35	24°17	20°56	5°19	4°38	21°36	14°52	17°59	19° 7	19°13	20°49	29°34	12°51	W27
T 28	6 23 22	5°45'45	20°29	25°18	21°41	5°55	4°42	21°42	14°53	17°58	19° 7	19° 7	20°46	29°41	12°53	T 28
F 29	6 27 18	6°46'54	3♌35	26°13	22°27	6°31	4°47	21°48	14°54	17°57	19° 7	19° 4	20°43	29°47	12°55	F 29
S 30	6 31 15	7°48'03	16°53	27° 1	23°13	7° 6	4°51	21°54	14°55	17°56	19° 6	19°D 2	20°40	29°54	12°57	S 30
S 31	6 35 11	8♑49'13	0♍21	27♑42	24♏ 1	7♈43	4♎55	21♏59	14♎56	17♉56	19♍ 6	19♌ 3	20♌37	0♉ 1	12♓59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s43	19n 5	2s19	24s29	1s43	14s 7	0n49	4s30	0s48	0n23	1n12	15s28	2n 4	4s55	0n39	15n37	1s49	18n 6	14n59	14n27	14n 8	5n58	2s35	4n43
S 2	21 53	17 23	1 15	24 42	1 47	13 55	1 1	4 15	0 46	0 20	1 12	15 30	2 4	4 56	0 39	15 37	1 49	18 6	14 59	14 28	14 9	6 0	2 35	4 42
S 3	22 2	14 45	0 6	24 54	1 51	13 45	1 13	4 0	0 44	0 17	1 13	15 31	2 4	4 57	0 39	15 37	1 49	18 6	15 0	14 28	14 10	6 2	2 35	4 42
M 4	22 10	11 17	1n 5	25 5	1 55	13 36	1 24	3 45	0 42	0 14	1 13	15 33	2 4	4 58	0 39	15 36	1 49	18 6	15 0	14 28	14 11	6 4	2 35	4 42
T 5	22 18	7 8	2 13	25 15	1 59	13 28	1 34	3 31	0 40	0 11	1 13	15 35	2 4	4 59	0 39	15 36	1 49	18 7	15 1	14 28	14 12	6 6	2 35	4 41
W 6	22 26	2 32	3 16	25 23	2 2	13 22	1 45	3 16	0 37	0 8	1 13	15 37	2 4	5 0	0 39	15 35	1 49	18 7	15 2	14 29	14 13	6 8	2 35	4 41
T 7	22 33	2s19	4 7	25 29	2 5	13 16	1 54	3 1	0 35	0 5	1 13	15 38	2 4	5 1	0 40	15 35	1 49	18 7	15 2	14 30	14 14	6 10	2 35	4 41
F 8	22 40	7 7	4 44	25 34	2 8	13 12	2 4	2 46	0 33	0 2	1 14	15 40	2 4	5 2	0 40	15 35	1 49	18 7	15 3	14 32	14 15	6 12	2 35	4 40
S 9	22 47	11 33	5 2	25 38	2 10	13 8	2 12	2 31	0 31	0s 0	1 14	15 42	2 4	5 3	0 40	15 34	1 49	18 8	15 3	14 35	14 16	6 14	2 35	4 40
S 10	22 53	15 17	4 59	25 40	2 12	13 6	2 21	2 16	0 30	0 3	1 14	15 44	2 4	5 4	0 40	15 34	1 49	18 8	15 4	14 38	14 17	6 16	2 35	4 40
M11	22 58	18 1	4 37	25 41	2 13	13 4	2 29	2 0	0 28	0 6	1 14	15 45	2 4	5 4	0 40	15 34	1 49	18 8	15 4	14 41	14 18	6 18	2 35	4 39
T 12	23 3	19 32	3 57	25 40	2 15	13 4	2 36	1 45	0 26	0 8	1 15	15 47	2 4	5 5	0 40	15 33	1 49	18 9	15 5	14 44	14 19	6 20	2 35	4 39
W13	23 8	19 46	3 2	25 38	2 15	13 4	2 43	1 30	0 24	0 11	1 15	15 49	2 4	5 6	0 40	15 33	1 49	18 9	15 5	14 46	14 20	6 22	2 35	4 39
T 14	23 12	18 47	1 59	25 34	2 15	13 6	2 50	1 15	0 22	0 13	1 15	15 50	2 4	5 7	0 40	15 33	1 49	18 9	15 6	14 48	14 21	6 24	2 35	4 38
F 15	23 16	16 47	0 50	25 29	2 15	13 8	2 57	0 59	0 20	0 15	1 15	15 52	2 4	5 7	0 40	15 32	1 49	18 10	15 6	14 49	14 22	6 26	2 35	4 38
S 16	23 19	13 58	0s19	25 22	2 14	13 10	3 3	0 44	0 19	0 18	1 16	15 54	2 4	5 8	0 40	15 32	1 49	18 10	15 7	14 49	14 23	6 28	2 35	4 38
S 17	23 22	10 35	1 25	25 14	2 13	13 14	3 8	0 29	0 17	0 20	1 16	15 55	2 5	5 9	0 40	15 32	1 49	18 11	15 7	14 49	14 24	6 30	2 34	4 37
M18	23 24	6 50	2 26	25 4	2 11	13 18	3 13	0 13	0 15	0 22	1 16	15 57	2 5	5 10	0 40	15 31	1 49	18 11	15 8	14 48	14 25	6 32	2 34	4 37
T 19	23 26	2 53	3 19	24 52	2 8	13 23	3 18	0n 2	0 13	0 24	1 16	15 58	2 5	5 10	0 40	15 31	1 49	18 11	15 8	14 48	14 26	6 34	2 34	4 37
W20	23 27	1n 8	4 3	24 39	2 5	13 29	3 23	0 18	0 12	0 26	1 17	16 0	2 5	5 11	0 40	15 31	1 49	18 12	15 9	14 49	14 27	6 36	2 34	4 36
T 21	23 28	5 6	4 36	24 25	2 1	13 35	3 27	0 33	0 10	0 28	1 17	16 1	2 5	5 11	0 40	15 30	1 49	18 12	15 10	14 50	14 28	6 38	2 33	4 36
F 22	23 28	8 51	4 58	24 10	1 56	13 42	3 31	0 48	0 9	0 30	1 17	16 3	2 5	5 12	0 40	15 30	1 49	18 13	15 10	14 52	14 29	6 40	2 33	4 36
S 23	23 28	12 18	5 7	23 53	1 50	13 49	3 35	1 4	0 7	0 32	1 17	16 4	2 5	5 13	0 40	15 30	1 49	18 13	15 11	14 54	14 30	6 42	2 33	4 35
S 24	23 28	15 17	5 2	23 35	1 44	13 57	3 38	1 19	0 5	0 34	1 18	16 6	2 5	5 13	0 40	15 30	1 49	18 14	15 11	14 57	14 31	6 44	2 32	4 35
M25	23 27	17 38	4 43	23 16	1 36	14 5	3 41	1 35	0 4	0 35	1 18	16 7	2 5	5 14	0 40	15 29	1 48	18 14	15 12	15 0	14 32	6 46	2 32	4 35
T 26	23 25	19 12	4 10	22 56	1 28	14 14	3 44	1 50	0 2	0 37	1 18	16 9	2 5	5 14	0 40	15 29	1 48	18 15	15 12	15 3	14 33	6 49	2 32	4 35
W27	23 23	19 51	3 25	22 35	1 19	14 23	3 46	2 6	0 1	0 39	1 18	16 10	2 5	5 15	0 40	15 29	1 48	18 15	15 13	15 5	14 34	6 51	2 31	4 34
T 28	23 21	19 28	2 28	22 13	1 8	14 32	3 48	2 22	0n 1	0 40	1 19	16 12	2 6	5 15	0 40	15 29	1 48	18 16	15 13	15 7	14 35	6 53	2 31	4 34
F 29	23 18	18 2	1 23	21 52	0 56	14 42	3 50	2 37	0 2	0 42	1 19	16 13	2 6	5 16	0 40	15 28	1 48	18 16	15 14	15 8	14 36	6 55	2 30	4 34
S 30	23 15	15 37	0 12	21 30	0 44	14 52	3 52	2 53	0 3	0 43	1 19	16 14	2 6	5 16	0 40	15 28	1 48	18 17	15 14	15 8	14 37	6 57	2 30	4 33
S 31	23s11	12n19	1n 1	21s 8	0s30	15s 2	3n53	3n 8	0n 5	0s44	1n19	16s16	2n 6	5s17	0n40	15n28	1s48	18n18	15n15	15n 8	14n38	6n59	2s29	4n33

Julian Day Number = 2349245.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'49, Lahiri = 19°56'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

JANUARY 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 39 8	9♑50'22	14♍ 0	28♑15	24♏50	8♈19	4♎58	22♏ 5	14♎58	17°R55	19°R 6	19♌ 4	20♌34	0♉ 7	13♓ 1	M 1
T 2	6 43 5	10°51'32	27°50	28°38	25°39	8°55	5° 2	22°10	14°59	17♉54	19♍ 5	19° 6	20°30	0°14	13° 3	T 2
W 3	6 47 1	11°52'42	11♎51	28°51	26°29	9°31	5° 5	22°16	15° 0	17°53	19° 5	19°R 6	20°27	0°21	13° 6	W 3
T 4	6 50 58	12°53'52	26° 1	28°R53	27°20	10° 7	5° 8	22°21	15° 0	17°52	19° 5	19° 6	20°24	0°28	13° 8	T 4
F 5	6 54 54	13°55'02	10♏19	28°43	28°12	10°44	5°11	22°27	15° 1	17°51	19° 4	19° 3	20°21	0°34	13°10	F 5
S 6	6 58 51	14°56'12	24°43	28°22	29° 5	11°20	5°14	22°32	15° 2	17°50	19° 4	18°59	20°18	0°41	13°13	S 6
S 7	7 2 47	15°57'22	9♐ 7	27°49	29°58	11°57	5°17	22°37	15° 3	17°50	19° 3	18°54	20°15	0°48	13°15	S 7
M 8	7 6 44	16°58'33	23°27	27° 4	0♐52	12°34	5°19	22°42	15° 4	17°49	19° 3	18°49	20°11	0°54	13°17	M 8
T 9	7 10 40	17°59'43	7♑37	26° 9	1°46	13°10	5°22	22°47	15° 4	17°48	19° 2	18°44	20° 8	1° 1	13°20	T 9
W10	7 14 37	19° 0'53	21°32	25° 5	2°41	13°47	5°24	22°52	15° 5	17°48	19° 2	18°41	20° 5	1° 8	13°22	W10
T 11	7 18 34	20° 2'02	5♒ 8	23°54	3°37	14°24	5°26	22°57	15° 5	17°47	19° 1	18°38	20° 2	1°15	13°25	T 11
F 12	7 22 30	21° 3'11	18°23	22°39	4°34	15° 1	5°28	23° 2	15° 6	17°47	19° 0	18°D38	19°59	1°21	13°28	F 12
S 13	7 26 27	22° 4'19	1♓18	21°20	5°30	15°38	5°29	23° 7	15° 6	17°46	19° 0	18°38	19°55	1°28	13°30	S 13
S 14	7 30 23	23° 5'26	13°52	20° 2	6°28	16°15	5°31	23°12	15° 7	17°45	18°59	18°40	19°52	1°35	13°33	S 14
M15	7 34 20	24° 6'33	26° 9	18°46	7°26	16°52	5°32	23°16	15° 7	17°45	18°58	18°41	19°49	1°41	13°36	M15
T 16	7 38 16	25° 7'39	8♈14	17°34	8°24	17°29	5°33	23°21	15° 7	17°45	18°57	18°43	19°46	1°48	13°38	T 16
W17	7 42 13	26° 8'43	20° 9	16°29	9°23	18° 7	5°33	23°25	15° 7	17°44	18°57	18°44	19°43	1°55	13°41	W17
T 18	7 46 9	27° 9'47	2♉ 1	15°31	10°22	18°44	5°34	23°30	15° 8	17°44	18°56	18°R44	19°40	2° 2	13°44	T 18
F 19	7 50 6	28°10'50	13°55	14°41	11°22	19°21	5°34	23°34	15° 8	17°43	18°55	18°43	19°36	2° 8	13°47	F 19
S 20	7 54 3	29°11'52	25°53	14° 0	12°22	19°58	5°35	23°38	15°R 8	17°43	18°54	18°41	19°33	2°15	13°50	S 20
S 21	7 57 59	0♒12'53	8♊ 2	13°29	13°23	20°36	5°R35	23°43	15° 8	17°43	18°53	18°39	19°30	2°22	13°53	S 21
M22	8 1 56	1°13'54	20°25	13° 7	14°24	21°13	5°35	23°47	15° 8	17°43	18°52	18°36	19°27	2°28	13°56	M22
T 23	8 5 52	2°14'53	3♋ 3	12°53	15°25	21°51	5°34	23°51	15° 7	17°42	18°51	18°33	19°24	2°35	13°59	T 23
W24	8 9 49	3°15'51	15°59	12°D48	16°27	22°28	5°34	23°55	15° 7	17°42	18°50	18°31	19°21	2°42	14° 2	W24
T 25	8 13 45	4°16'48	29°12	12°51	17°29	23° 6	5°33	23°58	15° 7	17°42	18°49	18°29	19°17	2°49	14° 5	T 25
F 26	8 17 42	5°17'44	12♌42	13° 2	18°31	23°43	5°32	24° 2	15° 7	17°42	18°48	18°D29	19°14	2°55	14° 8	F 26
S 27	8 21 38	6°18'39	26°26	13°19	19°34	24°21	5°31	24° 6	15° 6	17°42	18°47	18°29	19°11	3° 2	14°11	S 27
S 28	8 25 35	7°19'33	10♍22	13°42	20°37	24°59	5°30	24° 9	15° 6	17°42	18°46	18°29	19° 8	3° 9	14°14	S 28
M29	8 29 32	8°20'26	24°27	14°12	21°41	25°36	5°28	24°13	15° 5	17°D42	18°45	18°30	19° 5	3°15	14°18	M29
T 30	8 33 28	9°21'18	8♎38	14°46	22°44	26°14	5°26	24°16	15° 5	17°42	18°44	18°31	19° 1	3°22	14°21	T 30
W31	8 37 25	10♒22'10	22♎51	15♑26	23♐48	26♈52	5♎25	24♏20	15♎ 4	17♉42	18♍43	18♌32	18♌58	3♉29	14♓24	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 6	8n19	2n12	20s47	0s15	15s12	3n55	3n24	0n 6	0s46	1n20	16s17	2n 6	5s17	0n40	15n28	1s48	18n18	15n15	15n 8	14n39	7n 1	2s29	4n33
T 2	23 2	3 51	3 15	20 27	0n 1	15 23	3 56	3 39	0 7	0 47	1 20	16 18	2 6	5 17	0 40	15 28	1 48	18 19	15 16	15 7	14 40	7 3	2 28	4 32
W 3	22 57	0s53	4 8	20 7	0 18	15 34	3 56	3 55	0 9	0 48	1 20	16 20	2 6	5 18	0 40	15 27	1 48	18 19	15 16	15 7	14 41	7 5	2 28	4 32
T 4	22 51	5 36	4 47	19 49	0 36	15 45	3 57	4 10	0 10	0 49	1 20	16 21	2 6	5 18	0 40	15 27	1 48	18 20	15 17	15 7	14 42	7 7	2 27	4 32
F 5	22 45	10 4	5 8	19 33	0 55	15 56	3 57	4 26	0 11	0 50	1 21	16 22	2 6	5 18	0 40	15 27	1 48	18 21	15 17	15 8	14 44	7 9	2 26	4 32
S 6	22 38	13 58	5 10	19 19	1 14	16 7	3 57	4 41	0 13	0 51	1 21	16 23	2 7	5 19	0 40	15 27	1 48	18 21	15 18	15 9	14 45	7 11	2 26	4 31
S 7	22 31	17 2	4 52	19 7	1 33	16 18	3 57	4 57	0 14	0 52	1 21	16 25	2 7	5 19	0 40	15 27	1 48	18 22	15 18	15 11	14 46	7 13	2 25	4 31
M 8	22 24	19 2	4 17	18 57	1 52	16 30	3 57	5 12	0 15	0 52	1 22	16 26	2 7	5 19	0 41	15 27	1 48	18 23	15 19	15 12	14 47	7 15	2 24	4 31
T 9	22 16	19 50	3 26	18 49	2 10	16 41	3 56	5 27	0 16	0 53	1 22	16 27	2 7	5 19	0 41	15 26	1 48	18 23	15 19	15 14	14 48	7 17	2 24	4 31
W10	22 7	19 24	2 23	18 44	2 27	16 52	3 56	5 43	0 17	0 54	1 22	16 28	2 7	5 20	0 41	15 26	1 48	18 24	15 20	15 15	14 49	7 19	2 23	4 30
T 11	21 59	17 50	1 13	18 41	2 43	17 4	3 55	5 58	0 19	0 54	1 22	16 29	2 7	5 20	0 41	15 26	1 48	18 25	15 20	15 16	14 50	7 21	2 22	4 30
F 12	21 49	15 19	0 1	18 40	2 57	17 15	3 54	6 14	0 20	0 54	1 23	16 30	2 7	5 20	0 41	15 26	1 48	18 25	15 21	15 16	14 51	7 23	2 22	4 30
S 13	21 40	12 6	1s 9	18 41	3 8	17 26	3 53	6 29	0 21	0 55	1 23	16 31	2 8	5 20	0 41	15 26	1 47	18 26	15 21	15 16	14 52	7 25	2 21	4 29
S 14	21 30	8 25	2 14	18 44	3 17	17 37	3 51	6 44	0 22	0 55	1 23	16 32	2 8	5 20	0 41	15 26	1 47	18 27	15 22	15 15	14 53	7 27	2 20	4 29
M15	21 19	4 28	3 12	18 48	3 24	17 48	3 50	6 59	0 23	0 55	1 23	16 33	2 8	5 20	0 41	15 26	1 47	18 28	15 22	15 15	14 54	7 29	2 19	4 29
T 16	21 8	0 24	4 0	18 53	3 28	17 59	3 48	7 15	0 24	0 55	1 24	16 34	2 8	5 20	0 41	15 26	1 47	18 28	15 23	15 14	14 55	7 31	2 18	4 29
W17	20 57	3n37	4 37	18 59	3 29	18 9	3 47	7 30	0 25	0 56	1 24	16 35	2 8	5 20	0 41	15 26	1 47	18 29	15 23	15 14	14 56	7 33	2 18	4 28
T 18	20 45	7 28	5 2	19 7	3 29	18 20	3 45	7 45	0 26	0 56	1 24	16 36	2 8	5 20	0 41	15 26	1 47	18 30	15 24	15 14	14 57	7 35	2 17	4 28
F 19	20 33	11 2	5 14	19 15	3 26	18 30	3 43	8 0	0 27	0 55	1 25	16 37	2 8	5 20	0 41	15 26	1 47	18 30	15 24	15 14	14 58	7 37	2 16	4 28
S 20	20 21	14 11	5 13	19 24	3 22	18 40	3 40	8 15	0 28	0 55	1 25	16 38	2 9	5 20	0 41	15 26	1 47	18 31	15 24	15 15	14 59	7 39	2 15	4 28
S 21	20 8	16 47	4 57	19 33	3 16	18 50	3 38	8 30	0 29	0 55	1 25	16 39	2 9	5 20	0 41	15 26	1 47	18 32	15 25	15 16	15 0	7 41	2 14	4 28
M22	19 55	18 40	4 28	19 42	3 8	18 59	3 36	8 45	0 30	0 55	1 25	16 40	2 9	5 20	0 41	15 26	1 47	18 33	15 25	15 16	15 1	7 43	2 13	4 27
T 23	19 41	19 41	3 45	19 52	3 0	19 8	3 33	9 0	0 31	0 54	1 26	16 41	2 9	5 20	0 41	15 26	1 47	18 33	15 26	15 17	15 2	7 45	2 12	4 27
W24	19 27	19 42	2 50	20 1	2 51	19 17	3 31	9 15	0 32	0 54	1 26	16 41	2 9	5 20	0 41	15 26	1 47	18 34	15 26	15 18	15 3	7 47	2 11	4 27
T 25	19 13	18 38	1 45	20 11	2 41	19 26	3 28	9 30	0 33	0 53	1 26	16 42	2 9	5 20	0 41	15 26	1 47	18 35	15 27	15 18	15 4	7 49	2 10	4 27
F 26	18 58	16 31	0 32	20 20	2 31	19 34	3 25	9 45	0 34	0 53	1 26	16 43	2 10	5 20	0 41	15 26	1 47	18 36	15 27	15 19	15 5	7 51	2 9	4 26
S 27	18 43	13 25	0n44	20 29	2 20	19 42	3 22	9 59	0 35	0 52	1 27	16 44	2 10	5 20	0 41	15 26	1 47	18 37	15 27	15 19	15 5	7 53	2 8	4 26
S 28	18 28	9 31	1 58	20 37	2 10	19 50	3 19	10 14	0 35	0 51	1 27	16 44	2 10	5 19	0 41	15 26	1 47	18 37	15 28	15 18	15 6	7 56	2 7	4 26
M29	18 12	5 3	3 6	20 45	1 59	19 57	3 16	10 29	0 36	0 50	1 27	16 45	2 10	5 19	0 41	15 26	1 46	18 38	15 28	15 18	15 7	7 58	2 6	4 26
T 30	17 56	0 18	4 3	20 52	1 48	20 4	3 13	10 43	0 37	0 49	1 28	16 46	2 10	5 19	0 41	15 26	1 46	18 39	15 29	15 18	15 8	8 0	2 5	4 26
W31	17s40	4s28	4n46	20s59	1n37	20s11	3n 9	10n58	0n38	0s49	1n28	16s46	2n10	5s19	0n41	15n26	1s46	18n40	15n29	15n18	15n 9	8n 2	2s 4	4n25

Julian Day Number = 2349276.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'53, Lahiri = 19°56'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

FEBRUARY 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 21	11♒23'01	7♏ 4	16♑10	24♐53	27♈30	5°R23	24♏23	15°R 4	17♉42	18°R41	18°R32	18♌55	3♉36	14♓28	T 1
F 2	8 45 18	12°23'50	21°14	16°58	25°57	28° 7	5♎20	24°26	15♎ 3	17°42	18♍40	18♌32	18°52	3°42	14°31	F 2
S 3	8 49 14	13°24'39	5♐20	17°49	27° 2	28°45	5°18	24°29	15° 2	17°42	18°39	18°32	18°49	3°49	14°34	S 3
S 4	8 53 11	14°25'28	19°19	18°44	28° 7	29°23	5°15	24°32	15° 1	17°43	18°38	18°31	18°46	3°56	14°38	S 4
M 5	8 57 7	15°26'15	3♑10	19°42	29°12	0♉ 1	5°12	24°35	15° 1	17°43	18°36	18°31	18°42	4° 2	14°41	M 5
T 6	9 1 4	16°27'01	16°50	20°43	0♑18	0°39	5° 9	24°38	15° 0	17°43	18°35	18°31	18°39	4° 9	14°44	T 6
W 7	9 5 1	17°27'46	0♒18	21°46	1°24	1°17	5° 6	24°41	14°59	17°43	18°34	18°30	18°36	4°16	14°48	W 7
T 8	9 8 57	18°28'29	13°31	22°52	2°30	1°55	5° 3	24°43	14°58	17°44	18°33	18°30	18°33	4°23	14°51	T 8
F 9	9 12 54	19°29'11	26°30	24° 0	3°36	2°33	4°59	24°46	14°57	17°44	18°31	18°30	18°30	4°29	14°55	F 9
S 10	9 16 50	20°29'52	9♓13	25°10	4°42	3°11	4°56	24°48	14°56	17°45	18°30	18°30	18°27	4°36	14°58	S 10
S 11	9 20 47	21°30'31	21°42	26°21	5°49	3°49	4°52	24°50	14°54	17°45	18°28	18°30	18°23	4°43	15° 2	S 11
M12	9 24 43	22°31'09	3♈57	27°35	6°55	4°27	4°48	24°53	14°53	17°45	18°27	18°30	18°20	4°50	15° 6	M12
T 13	9 28 40	23°31'45	16° 1	28°50	8° 2	5° 5	4°44	24°55	14°52	17°46	18°26	18°29	18°17	4°56	15° 9	T 13
W14	9 32 36	24°32'19	27°57	0♒ 7	9° 9	5°43	4°39	24°57	14°51	17°47	18°24	18°28	18°14	5° 3	15°13	W14
T 15	9 36 33	25°32'51	9♉50	1°25	10°17	6°21	4°35	24°59	14°49	17°47	18°23	18°28	18°11	5°10	15°16	T 15
F 16	9 40 30	26°33'22	21°43	2°45	11°24	6°59	4°30	25° 0	14°48	17°48	18°21	18°D27	18° 7	5°16	15°20	F 16
S 17	9 44 26	27°33'50	3♊40	4° 6	12°32	7°37	4°25	25° 2	14°46	17°48	18°20	18°27	18° 4	5°23	15°24	S 17
S 18	9 48 23	28°34'17	15°48	5°29	13°39	8°15	4°20	25° 4	14°45	17°49	18°18	18°28	18° 1	5°30	15°27	S 18
M19	9 52 19	29°34'42	28° 9	6°52	14°47	8°53	4°15	25° 5	14°43	17°50	18°17	18°29	17°58	5°37	15°31	M19
T 20	9 56 16	0♓35'05	10♋49	8°17	15°55	9°32	4°10	25° 7	14°42	17°51	18°15	18°30	17°55	5°43	15°35	T 20
W21	10 0 12	1°35'27	23°50	9°43	17° 3	10°10	4° 4	25° 8	14°40	17°51	18°14	18°31	17°52	5°50	15°38	W21
T 22	10 4 9	2°35'46	7♌14	11°11	18°12	10°48	3°59	25° 9	14°39	17°52	18°12	18°32	17°48	5°57	15°42	T 22
F 23	10 8 5	3°36'03	21° 0	12°39	19°20	11°26	3°53	25°10	14°37	17°53	18°11	18°R32	17°45	6° 3	15°46	F 23
S 24	10 12 2	4°36'19	5♍ 8	14° 9	20°29	12° 4	3°47	25°11	14°35	17°54	18° 9	18°31	17°42	6°10	15°50	S 24
S 25	10 15 59	5°36'33	19°32	15°39	21°37	12°42	3°41	25°12	14°33	17°55	18° 8	18°30	17°39	6°17	15°53	S 25
M26	10 19 55	6°36'45	4♎ 7	17°11	22°46	13°21	3°35	25°13	14°32	17°56	18° 6	18°28	17°36	6°24	15°57	M26
T 27	10 23 52	7°36'55	18°46	18°44	23°55	13°59	3°29	25°14	14°30	17°57	18° 5	18°25	17°32	6°30	16° 1	T 27
W28	10 27 48	8°37'04	3♏24	20°17	25° 4	14°37	3°22	25°14	14°28	17°58	18° 3	18°23	17°29	6°37	16° 5	W28
T 29	10 31 45	9♓37'11	17♏53	21♒52	26♑13	15♉15	3♎16	25♏15	14♎26	17♉59	18♍ 1	18♌21	17♌26	6♉44	16♓ 8	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s23	9s 0	5n11	21s 5	1n26	20s17	3n 6	11n12	0n39	0s47	1n28	16s47	2n11	5s18	0n41	15n26	1s46	18n41	15n29	15n18	15n10	8n 4	2s 3	4n25
F 2	17 6	13 0	5 17	21 10	1 15	20 22	3 2	11 26	0 40	0 46	1 28	16 48	2 11	5 18	0 41	15 26	1 46	18 41	15 30	15 18	15 11	8 6	2 2	4 25
S 3	16 49	16 15	5 4	21 14	1 4	20 28	2 59	11 41	0 40	0 45	1 29	16 48	2 11	5 18	0 41	15 26	1 46	18 42	15 30	15 18	15 12	8 8	2 1	4 25
S 4	16 32	18 31	4 33	21 17	0 53	20 32	2 55	11 55	0 41	0 44	1 29	16 49	2 11	5 17	0 41	15 26	1 46	18 43	15 30	15 18	15 13	8 10	2 0	4 25
M 5	16 14	19 40	3 46	21 19	0 43	20 37	2 52	12 9	0 42	0 43	1 29	16 49	2 11	5 17	0 41	15 27	1 46	18 44	15 31	15 18	15 14	8 12	1 58	4 24
T 6	15 56	19 39	2 47	21 20	0 33	20 40	2 48	12 23	0 43	0 41	1 29	16 50	2 11	5 17	0 41	15 27	1 46	18 45	15 31	15 18	15 15	8 14	1 57	4 24
W 7	15 37	18 30	1 39	21 20	0 23	20 44	2 44	12 37	0 43	0 40	1 30	16 50	2 12	5 16	0 41	15 27	1 46	18 45	15 31	15 18	15 16	8 16	1 56	4 24
T 8	15 19	16 21	0 28	21 19	0 13	20 47	2 40	12 51	0 44	0 38	1 30	16 51	2 12	5 16	0 41	15 27	1 46	18 46	15 32	15 18	15 17	8 18	1 55	4 24
F 9	15 0	13 24	0s44	21 17	0 4	20 49	2 36	13 4	0 45	0 36	1 30	16 51	2 12	5 15	0 42	15 27	1 46	18 47	15 32	15 18	15 18	8 20	1 54	4 24
S 10	14 41	9 52	1 52	21 13	0s 5	20 51	2 32	13 18	0 45	0 35	1 30	16 51	2 12	5 15	0 42	15 27	1 46	18 48	15 32	15 18	15 19	8 22	1 52	4 24
S 11	14 21	5 58	2 54	21 9	0 14	20 52	2 28	13 32	0 46	0 33	1 31	16 52	2 12	5 15	0 42	15 27	1 46	18 49	15 33	15 18	15 20	8 24	1 51	4 23
M12	14 2	1 53	3 46	21 3	0 23	20 53	2 24	13 45	0 47	0 31	1 31	16 52	2 13	5 14	0 42	15 28	1 46	18 50	15 33	15 18	15 21	8 26	1 50	4 23
T 13	13 42	2n11	4 28	20 56	0 31	20 54	2 20	13 59	0 47	0 29	1 31	16 52	2 13	5 14	0 42	15 28	1 45	18 50	15 33	15 19	15 22	8 28	1 49	4 23
W14	13 22	6 8	4 57	20 48	0 39	20 54	2 16	14 12	0 48	0 27	1 31	16 53	2 13	5 13	0 42	15 28	1 45	18 51	15 33	15 19	15 23	8 30	1 48	4 23
T 15	13 1	9 49	5 13	20 38	0 47	20 53	2 12	14 25	0 49	0 25	1 32	16 53	2 13	5 12	0 42	15 28	1 45	18 52	15 34	15 19	15 24	8 32	1 46	4 23
F 16	12 41	13 7	5 16	20 28	0 55	20 52	2 8	14 39	0 49	0 23	1 32	16 53	2 13	5 12	0 42	15 29	1 45	18 53	15 34	15 19	15 25	8 34	1 45	4 23
S 17	12 20	15 55	5 6	20 16	1 2	20 50	2 4	14 52	0 50	0 21	1 32	16 53	2 14	5 11	0 42	15 29	1 45	18 54	15 34	15 19	15 26	8 36	1 44	4 23
S 18	11 59	18 3	4 42	20 2	1 9	20 47	1 59	15 5	0 51	0 19	1 32	16 54	2 14	5 11	0 42	15 29	1 45	18 54	15 34	15 19	15 27	8 38	1 42	4 22
M19	11 38	19 24	4 4	19 48	1 15	20 45	1 55	15 17	0 51	0 17	1 32	16 54	2 14	5 10	0 42	15 29	1 45	18 55	15 35	15 19	15 28	8 40	1 41	4 22
T 20	11 17	19 49	3 14	19 32	1 21	20 41	1 51	15 30	0 52	0 14	1 33	16 54	2 14	5 10	0 42	15 30	1 45	18 56	15 35	15 18	15 29	8 42	1 40	4 22
W21	10 55	19 12	2 13	19 15	1 27	20 37	1 47	15 43	0 52	0 12	1 33	16 54	2 14	5 9	0 42	15 30	1 45	18 57	15 35	15 18	15 30	8 44	1 39	4 22
T 22	10 34	17 29	1 2	18 56	1 33	20 33	1 42	15 55	0 53	0 10	1 33	16 54	2 15	5 8	0 42	15 30	1 45	18 58	15 35	15 18	15 31	8 46	1 37	4 22
F 23	10 12	14 44	0n14	18 36	1 38	20 28	1 38	16 8	0 53	0 7	1 33	16 54	2 15	5 8	0 42	15 30	1 45	18 58	15 36	15 18	15 32	8 48	1 36	4 22
S 24	9 50	11 3	1 30	18 15	1 43	20 22	1 34	16 20	0 54	0 5	1 33	16 54	2 15	5 7	0 42	15 31	1 45	18 59	15 36	15 18	15 33	8 50	1 35	4 22
S 25	9 28	6 39	2 43	17 53	1 47	20 16	1 30	16 32	0 55	0 2	1 34	16 54	2 15	5 6	0 42	15 31	1 45	19 0	15 36	15 18	15 34	8 52	1 33	4 22
M26	9 6	1 49	3 46	17 29	1 52	20 9	1 25	16 45	0 55	0n 0	1 34	16 54	2 15	5 5	0 42	15 31	1 45	19 1	15 36	15 19	15 35	8 54	1 32	4 21
T 27	8 43	3s 8	4 34	17 4	1 55	20 2	1 21	16 56	0 56	0 3	1 34	16 54	2 15	5 5	0 42	15 32	1 45	19 2	15 36	15 20	15 36	8 56	1 30	4 21
W28	8 21	7 53	5 4	16 37	1 59	19 54	1 17	17 8	0 56	0 6	1 34	16 54	2 16	5 4	0 42	15 32	1 45	19 2	15 36	15 20	15 37	8 58	1 29	4 21
T 29	7s58	12s 8	5n15	16s 9	2s 2	19s45	1n12	17n20	0n57	0n 8	1n34	16s54	2n16	5s 3	0n42	15n32	1s45	19n 3	15n36	15n21	15n38	9n 0	1s28	4n21

Julian Day Number = 2349307.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°49'58, Lahiri = 19°56'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

MARCH 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 41	10♓37'17	2♐10	23♒28	27♉23	15♉53	3°R 9	25♏15	14°R24	18♉ 0	18°R 0	18°R20	17♌23	6♉50	16♓12	F 1
S 2	10 39 38	11°37'22	16°12	25° 6	28°32	16°32	3♎ 2	25°15	14♎22	18° 1	17♍58	18°D19	17°20	6°57	16°16	S 2
S 3	10 43 34	12°37'24	29°59	26°44	29°42	17°10	2°56	25°16	14°20	18° 2	17°57	18♌20	17°17	7° 4	16°20	S 3
M 4	10 47 31	13°37'25	13♉30	28°23	0♒51	17°48	2°49	25°R16	14°18	18° 3	17°55	18°22	17°13	7°11	16°24	M 4
T 5	10 51 28	14°37'25	26°46	0♓ 4	2° 1	18°26	2°42	25°16	14°16	18° 5	17°53	18°23	17°10	7°17	16°27	T 5
W 6	10 55 24	15°37'23	9♒48	1°45	3°11	19° 4	2°35	25°16	14°14	18° 6	17°52	18°24	17° 7	7°24	16°31	W 6
T 7	10 59 21	16°37'19	22°38	3°28	4°20	19°43	2°28	25°15	14°11	18° 7	17°50	18°R25	17° 4	7°31	16°35	T 7
F 8	11 3 17	17°37'13	5♓16	5°12	5°30	20°21	2°20	25°15	14° 9	18° 8	17°49	18°23	17° 1	7°38	16°39	F 8
S 9	11 7 14	18°37'05	17°43	6°57	6°40	20°59	2°13	25°15	14° 7	18°10	17°47	18°21	16°58	7°44	16°43	S 9
S 10	11 11 10	19°36'55	0♈ 0	8°43	7°50	21°37	2° 6	25°14	14° 5	18°11	17°45	18°16	16°54	7°51	16°46	S 10
M11	11 15 7	20°36'43	12° 9	10°30	9° 1	22°16	1°58	25°14	14° 2	18°12	17°44	18°11	16°51	7°58	16°50	M11
T 12	11 19 3	21°36'29	24° 9	12°19	10°11	22°54	1°51	25°13	14° 0	18°14	17°42	18° 5	16°48	8° 4	16°54	T 12
W13	11 23 0	22°36'13	6♉ 4	14° 9	11°21	23°32	1°43	25°12	13°58	18°15	17°40	17°58	16°45	8°11	16°58	W13
T 14	11 26 56	23°35'55	17°56	16° 0	12°32	24°10	1°36	25°11	13°55	18°17	17°39	17°53	16°42	8°18	17° 2	T 14
F 15	11 30 53	24°35'34	29°48	17°52	13°42	24°49	1°28	25°10	13°53	18°18	17°37	17°48	16°38	8°25	17° 5	F 15
S 16	11 34 50	25°35'12	11♊44	19°46	14°53	25°27	1°20	25° 9	13°51	18°20	17°36	17°46	16°35	8°31	17° 9	S 16
S 17	11 38 46	26°34'47	23°48	21°40	16° 3	26° 5	1°13	25° 8	13°48	18°21	17°34	17°D44	16°32	8°38	17°13	S 17
M18	11 42 43	27°34'20	6♋ 6	23°36	17°14	26°43	1° 5	25° 6	13°46	18°23	17°32	17°45	16°29	8°45	17°17	M18
T 19	11 46 39	28°33'50	18°41	25°33	18°24	27°22	0°57	25° 5	13°43	18°24	17°31	17°46	16°26	8°51	17°20	T 19
W20	11 50 36	29°33'18	1♌39	27°31	19°35	28° 0	0°49	25° 3	13°41	18°26	17°29	17°47	16°23	8°58	17°24	W20
T 21	11 54 32	0♈32'44	15° 3	29°30	20°46	28°38	0°42	25° 2	13°38	18°27	17°28	17°R48	16°19	9° 5	17°28	T 21
F 22	11 58 29	1°32'08	28°54	1♈30	21°57	29°16	0°34	25° 0	13°36	18°29	17°26	17°48	16°16	9°12	17°32	F 22
S 23	12 2 25	2°31'29	13♍12	3°31	23° 8	29°54	0°26	24°58	13°33	18°31	17°25	17°45	16°13	9°18	17°35	S 23
S 24	12 6 22	3°30'48	27°53	5°33	24°19	0♊33	0°18	24°57	13°31	18°32	17°23	17°41	16°10	9°25	17°39	S 24
M25	12 10 19	4°30'05	12♎51	7°36	25°30	1°11	0°11	24°55	13°28	18°34	17°22	17°35	16° 7	9°32	17°43	M25
T 26	12 14 15	5°29'20	27°57	9°39	26°41	1°49	0° 3	24°53	13°26	18°36	17°20	17°27	16° 4	9°39	17°46	T 26
W27	12 18 12	6°28'33	13♏ 0	11°42	27°52	2°27	29♍55	24°50	13°23	18°38	17°19	17°20	16° 0	9°45	17°50	W27
T 28	12 22 8	7°27'44	27°52	13°45	29° 3	3° 5	29°48	24°48	13°21	18°39	17°17	17°14	15°57	9°52	17°54	T 28
F 29	12 26 5	8°26'53	12♐25	15°48	0♓14	3°44	29°40	24°46	13°18	18°41	17°16	17° 9	15°54	9°59	17°57	F 29
S 30	12 30 1	9°26'01	26°36	17°51	1°26	4°22	29°32	24°43	13°16	18°43	17°14	17° 6	15°51	10° 5	18° 1	S 30
S 31	12 33 58	10♈25'07	10♉23	19♈53	2♓37	5♊ 0	29♍25	24♏41	13♎13	18♉45	17♍13	17°D 5	15♌48	10♉12	18♓ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	7s36	15s38	5n 6	15s40	2s 4	19s36	1n 8	17n32	0n57	0n11	1n34	16s54	2n16	5s 2	0n42	15n33	1s44	19n 4	15n37	15n21	15n39	9n 2	1s26	4n21	F 1
S 2	7 13	18 8	4 39	15 10	2 7	19 27	1 4	17 43	0 58	0 14	1 35	16 54	2 16	5 2	0 42	15 33	1 44	19 5	15 37	15 22	15 40	9 4	1 25	4 21	S 2
S 3	6 50	19 33	3 56	14 38	2 8	19 16	1 0	17 55	0 58	0 17	1 35	16 54	2 16	5 1	0 42	15 33	1 44	19 5	15 37	15 21	15 41	9 6	1 24	4 21	S 3
M 4	6 27	19 48	3 0	14 5	2 10	19 6	0 55	18 6	0 58	0 20	1 35	16 54	2 17	5 0	0 42	15 34	1 44	19 6	15 37	15 21	15 42	9 8	1 22	4 21	M 4
T 5	6 4	18 56	1 56	13 30	2 11	18 55	0 51	18 17	0 59	0 23	1 35	16 54	2 17	4 59	0 42	15 34	1 44	19 7	15 37	15 20	15 43	9 10	1 21	4 21	T 5
W 6	5 41	17 4	0 47	12 55	2 11	18 43	0 47	18 28	0 59	0 26	1 35	16 53	2 17	4 58	0 42	15 35	1 44	19 7	15 37	15 20	15 44	9 12	1 19	4 21	W 6
T 7	5 17	14 21	0s23	12 18	2 12	18 31	0 43	18 39	1 0	0 29	1 35	16 53	2 17	4 57	0 42	15 35	1 44	19 8	15 37	15 20	15 45	9 14	1 18	4 21	T 7
F 8	4 54	11 0	1 31	11 39	2 11	18 18	0 39	18 50	1 0	0 32	1 35	16 53	2 17	4 57	0 42	15 35	1 44	19 9	15 37	15 20	15 46	9 16	1 17	4 21	F 8
S 9	4 31	7 13	2 34	11 0	2 10	18 5	0 34	19 0	1 1	0 35	1 35	16 53	2 18	4 56	0 42	15 36	1 44	19 10	15 37	15 21	15 47	9 18	1 15	4 21	S 9
S 10	4 7	3 10	3 28	10 19	2 9	17 51	0 30	19 11	1 1	0 38	1 35	16 52	2 18	4 55	0 42	15 36	1 44	19 10	15 37	15 22	15 47	9 20	1 14	4 21	S 10
M11	3 44	0n56	4 12	9 36	2 8	17 36	0 26	19 21	1 1	0 41	1 36	16 52	2 18	4 54	0 42	15 37	1 44	19 11	15 37	15 24	15 48	9 22	1 12	4 20	M11
T 12	3 20	4 58	4 44	8 53	2 5	17 22	0 22	19 31	1 2	0 44	1 36	16 52	2 18	4 53	0 42	15 37	1 44	19 12	15 37	15 26	15 49	9 24	1 11	4 20	T 12
W13	2 56	8 46	5 4	8 8	2 3	17 6	0 18	19 41	1 2	0 47	1 36	16 51	2 18	4 52	0 42	15 38	1 44	19 12	15 37	15 28	15 50	9 26	1 9	4 20	W13
T 14	2 33	12 13	5 11	7 22	1 59	16 50	0 14	19 51	1 3	0 50	1 36	16 51	2 18	4 51	0 42	15 38	1 44	19 13	15 37	15 30	15 51	9 28	1 8	4 20	T 14
F 15	2 9	15 11	5 4	6 35	1 56	16 34	0 10	20 1	1 3	0 53	1 36	16 50	2 19	4 50	0 42	15 38	1 44	19 14	15 37	15 31	15 52	9 30	1 7	4 20	F 15
S 16	1 45	17 32	4 44	5 46	1 52	16 17	0 7	20 11	1 3	0 56	1 36	16 50	2 19	4 49	0 42	15 39	1 44	19 14	15 37	15 32	15 53	9 32	1 5	4 20	S 16
S 17	1 22	19 8	4 12	4 57	1 47	16 0	0 3	20 20	1 4	0 59	1 36	16 50	2 19	4 48	0 42	15 39	1 44	19 15	15 37	15 32	15 54	9 34	1 4	4 20	S 17
M18	0 58	19 53	3 27	4 6	1 42	15 43	0s 1	20 29	1 4	1 2	1 36	16 49	2 19	4 47	0 42	15 40	1 44	19 15	15 37	15 32	15 55	9 36	1 2	4 20	M18
T 19	0 34	19 40	2 31	3 14	1 36	15 24	0 5	20 39	1 4	1 5	1 36	16 49	2 19	4 46	0 42	15 40	1 44	19 16	15 37	15 32	15 56	9 38	1 1	4 20	T 19
W20	0 11	18 25	1 27	2 21	1 29	15 6	0 8	20 48	1 5	1 9	1 36	16 48	2 19	4 45	0 42	15 41	1 43	19 17	15 37	15 31	15 57	9 40	0 59	4 20	W20
T 21	0n13	16 6	0 15	1 28	1 23	14 47	0 12	20 56	1 5	1 12	1 36	16 48	2 20	4 45	0 42	15 41	1 43	19 17	15 37	15 31	15 58	9 42	0 58	4 20	T 21
F 22	0 37	12 48	1n 0	0 33	1 15	14 27	0 16	21 5	1 5	1 15	1 36	16 47	2 20	4 44	0 42	15 42	1 43	19 18	15 37	15 31	15 59	9 44	0 56	4 20	F 22
S 23	1 0	8 39	2 13	0n23	1 7	14 8	0 19	21 14	1 6	1 18	1 36	16 46	2 20	4 43	0 42	15 42	1 43	19 18	15 37	15 32	16 0	9 46	0 55	4 20	S 23
S 24	1 24	3 53	3 19	1 19	0 59	13 47	0 22	21 22	1 6	1 21	1 36	16 46	2 20	4 42	0 42	15 43	1 43	19 19	15 37	15 33	16 1	9 48	0 54	4 20	S 24
M25	1 47	1s12	4 13	2 15	0 50	13 27	0 26	21 30	1 6	1 24	1 36	16 45	2 20	4 41	0 42	15 43	1 43	19 19	15 37	15 35	16 2	9 50	0 52	4 20	M25
T 26	2 11	6 15	4 50	3 12	0 40	13 6	0 29	21 38	1 7	1 27	1 36	16 45	2 20	4 40	0 42	15 44	1 43	19 20	15 37	15 37	16 3	9 52	0 51	4 20	T 26
W27	2 35	10 54	5 6	4 10	0 31	12 44	0 32	21 46	1 7	1 30	1 36	16 44	2 21	4 39	0 42	15 44	1 43	19 20	15 37	15 40	16 4	9 54	0 49	4 20	W27
T 28	2 58	14 48	5 2	5 7	0 20	12 23	0 36	21 54	1 7	1 33	1 36	16 43	2 21	4 38	0 42	15 45	1 43	19 21	15 37	15 42	16 5	9 56	0 48	4 20	T 28
F 29	3 21	17 43	4 38	6 5	0 10	12 1	0 39	22 2	1 7	1 36	1 36	16 43	2 21	4 37	0 42	15 45	1 43	19 21	15 37	15 43	16 6	9 58	0 46	4 20	F 29
S 30	3 45	19 28	3 57	7 2	0n 1	11 38	0 42	22 9	1 8	1 39	1 36	16 42	2 21	4 36	0 42	15 46	1 43	19 22	15 36	15 44	16 7	10 0	0 45	4 20	S 30
S 31	4n 8	20s 0	3n 4	7n58	0n12	11s15	0s45	22n17	1n 8	1n42	1n36	16s41	2n21	4s35	0n42	15n46	1s43	19n22	15n36	15n44	16n 8	10n 2	0s44	4n20	S 31

Julian Day Number = 2349336.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'02, Lahiri = 19°57'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

APRIL 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 54	11♈24'11	23♉48	21♈53	3♓48	5♊38	29°R17	24°R38	13°R10	18♉47	17°R11	17♌ 6	15♌44	10♉19	18♓ 8	M 1
T 2	12 41 51	12°23'14	6♒52	23°52	5° 0	6°16	29♍10	24♏36	13♎ 8	18°49	17♍10	17° 7	15°41	10°26	18°11	T 2
W 3	12 45 48	13°22'15	19°38	25°50	6°11	6°54	29° 3	24°33	13° 5	18°50	17° 8	17°R 7	15°38	10°32	18°15	W 3
T 4	12 49 44	14°21'13	2♓11	27°45	7°23	7°33	28°55	24°30	13° 3	18°52	17° 7	17° 6	15°35	10°39	18°18	T 4
F 5	12 53 41	15°20'10	14°32	29°38	8°34	8°11	28°48	24°27	13° 0	18°54	17° 6	17° 2	15°32	10°46	18°22	F 5
S 6	12 57 37	16°19'05	26°45	1♉27	9°46	8°49	28°41	24°24	12°58	18°56	17° 4	16°56	15°29	10°52	18°25	S 6
S 7	13 1 34	17°17'58	8♈50	3°14	10°57	9°27	28°34	24°21	12°55	18°58	17° 3	16°48	15°25	10°59	18°29	S 7
M 8	13 5 30	18°16'49	20°50	4°56	12° 9	10° 5	28°27	24°18	12°52	19° 0	17° 1	16°37	15°22	11° 6	18°32	M 8
T 9	13 9 27	19°15'38	2♉45	6°35	13°21	10°43	28°20	24°15	12°50	19° 2	17° 0	16°25	15°19	11°13	18°36	T 9
W10	13 13 23	20°14'25	14°38	8°10	14°32	11°21	28°13	24°12	12°47	19° 4	16°59	16°13	15°16	11°19	18°39	W10
T 11	13 17 20	21°13'10	26°29	9°40	15°44	11°59	28° 7	24° 8	12°45	19° 6	16°58	16° 1	15°13	11°26	18°42	T 11
F 12	13 21 16	22°11'53	8♊22	11° 6	16°56	12°38	28° 0	24° 5	12°42	19° 8	16°56	15°52	15° 9	11°33	18°46	F 12
S 13	13 25 13	23°10'34	20°18	12°27	18° 8	13°16	27°54	24° 1	12°40	19°10	16°55	15°44	15° 6	11°40	18°49	S 13
S 14	13 29 10	24° 9'13	2♋21	13°43	19°19	13°54	27°47	23°58	12°37	19°12	16°54	15°40	15° 3	11°46	18°52	S 14
M15	13 33 6	25° 7'49	14°36	14°54	20°31	14°32	27°41	23°54	12°35	19°15	16°53	15°37	15° 0	11°53	18°55	M15
T 16	13 37 3	26° 6'23	27° 8	15°59	21°43	15°10	27°35	23°51	12°32	19°17	16°51	15°D37	14°57	12° 0	18°59	T 16
W17	13 40 59	27° 4'55	10♌ 0	17° 0	22°55	15°48	27°29	23°47	12°30	19°19	16°50	15°R37	14°54	12° 6	19° 2	W17
T 18	13 44 56	28° 3'25	23°17	17°54	24° 7	16°26	27°23	23°43	12°27	19°21	16°49	15°37	14°50	12°13	19° 5	T 18
F 19	13 48 52	29° 1'52	7♍ 3	18°44	25°19	17° 4	27°17	23°39	12°25	19°23	16°48	15°35	14°47	12°20	19° 8	F 19
S 20	13 52 49	0♉ 0'18	21°19	19°27	26°31	17°42	27°12	23°36	12°22	19°25	16°47	15°32	14°44	12°27	19°11	S 20
S 21	13 56 45	0°58'41	6♎ 2	20° 6	27°43	18°20	27° 6	23°32	12°20	19°27	16°46	15°25	14°41	12°33	19°14	S 21
M22	14 0 42	1°57'02	21° 6	20°38	28°55	18°58	27° 1	23°28	12°18	19°29	16°45	15°16	14°38	12°40	19°17	M22
T 23	14 4 39	2°55'21	6♏24	21° 5	0♈ 7	19°36	26°56	23°24	12°15	19°32	16°44	15° 6	14°35	12°47	19°20	T 23
W24	14 8 35	3°53'39	21°43	21°26	1°19	20°14	26°51	23°20	12°13	19°34	16°43	14°55	14°31	12°53	19°23	W24
T 25	14 12 32	4°51'55	6♐53	21°41	2°31	20°52	26°46	23°15	12°11	19°36	16°42	14°46	14°28	13° 0	19°26	T 25
F 26	14 16 28	5°50'09	21°43	21°51	3°43	21°30	26°41	23°11	12° 8	19°38	16°41	14°38	14°25	13° 7	19°29	F 26
S 27	14 20 25	6°48'22	6♑ 7	21°R55	4°55	22° 8	26°37	23° 7	12° 6	19°40	16°40	14°33	14°22	13°14	19°32	S 27
S 28	14 24 21	7°46'33	20° 3	21°54	6° 7	22°46	26°32	23° 3	12° 4	19°43	16°39	14°30	14°19	13°20	19°34	S 28
M29	14 28 18	8°44'43	3♒31	21°48	7°19	23°24	26°28	22°59	12° 1	19°45	16°38	14°29	14°15	13°27	19°37	M29
T 30	14 32 14	9♉42'52	16♒34	21♉37	8♈31	24♊ 2	26♍24	22♏54	11♎59	19♉47	16♍38	14♌29	14♌12	13♉34	19♓40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n31	19s22	2n 2	8n54	0n24	10s52	0s48	22n24	1n 8	1n45	1n36	16s40	2n21	4s34	0n42	15n47	1s43	19n23	15n36	15n44	16n 8	10n 4	0s42	4n20
T 2	4 54	17 42	0 55	9 49	0 35	10 29	0 51	22 31	1 8	1 48	1 36	16 40	2 21	4 33	0 42	15 48	1 43	19 23	15 36	15 44	16 9	10 6	0 41	4 20
W 3	5 17	15 10	0s14	10 43	0 47	10 5	0 54	22 37	1 9	1 51	1 36	16 39	2 22	4 32	0 42	15 48	1 43	19 24	15 36	15 44	16 10	10 8	0 39	4 20
T 4	5 40	11 57	1 20	11 36	0 58	9 41	0 56	22 44	1 9	1 54	1 36	16 38	2 22	4 31	0 42	15 49	1 43	19 24	15 36	15 44	16 11	10 10	0 38	4 20
F 5	6 3	8 16	2 21	12 26	1 9	9 17	0 59	22 50	1 9	1 56	1 36	16 37	2 22	4 30	0 42	15 49	1 43	19 24	15 36	15 45	16 12	10 12	0 37	4 21
S 6	6 26	4 17	3 15	13 15	1 21	8 52	1 2	22 57	1 9	1 59	1 36	16 36	2 22	4 29	0 42	15 50	1 43	19 25	15 35	15 47	16 13	10 14	0 35	4 21
S 7	6 48	0 10	4 0	14 2	1 31	8 27	1 4	23 3	1 10	2 2	1 36	16 35	2 22	4 28	0 42	15 50	1 43	19 25	15 35	15 50	16 14	10 16	0 34	4 21
M 8	7 11	3n55	4 33	14 47	1 42	8 2	1 7	23 9	1 10	2 5	1 35	16 35	2 22	4 27	0 42	15 51	1 43	19 25	15 35	15 53	16 15	10 18	0 32	4 21
T 9	7 33	7 50	4 54	15 30	1 52	7 37	1 9	23 14	1 10	2 7	1 35	16 34	2 22	4 26	0 42	15 52	1 43	19 26	15 35	15 56	16 16	10 20	0 31	4 21
W10	7 55	11 26	5 2	16 10	2 1	7 11	1 11	23 20	1 10	2 10	1 35	16 33	2 22	4 25	0 42	15 52	1 43	19 26	15 35	16 0	16 17	10 22	0 30	4 21
T 11	8 17	14 34	4 58	16 47	2 10	6 46	1 13	23 25	1 10	2 12	1 35	16 32	2 22	4 24	0 42	15 53	1 43	19 26	15 34	16 3	16 18	10 24	0 28	4 21
F 12	8 39	17 7	4 40	17 22	2 18	6 20	1 16	23 31	1 11	2 15	1 35	16 31	2 23	4 23	0 42	15 53	1 43	19 27	15 34	16 6	16 19	10 26	0 27	4 21
S 13	9 1	18 58	4 10	17 54	2 26	5 54	1 18	23 36	1 11	2 17	1 35	16 30	2 23	4 22	0 42	15 54	1 43	19 27	15 34	16 8	16 20	10 28	0 26	4 21
S 14	9 23	19 59	3 28	18 24	2 32	5 27	1 20	23 40	1 11	2 20	1 35	16 29	2 23	4 21	0 42	15 54	1 43	19 27	15 34	16 10	16 21	10 30	0 24	4 21
M15	9 44	20 4	2 37	18 51	2 38	5 1	1 22	23 45	1 11	2 22	1 35	16 28	2 23	4 20	0 42	15 55	1 43	19 27	15 33	16 11	16 22	10 32	0 23	4 21
T 16	10 6	19 11	1 37	19 14	2 43	4 34	1 23	23 50	1 11	2 24	1 35	16 27	2 23	4 19	0 42	15 56	1 42	19 28	15 33	16 11	16 23	10 34	0 22	4 21
W17	10 27	17 17	0 30	19 36	2 47	4 7	1 25	23 54	1 11	2 27	1 34	16 26	2 23	4 18	0 42	15 56	1 42	19 28	15 33	16 11	16 23	10 36	0 20	4 21
T 18	10 48	14 25	0n41	19 54	2 49	3 40	1 27	23 58	1 12	2 29	1 34	16 25	2 23	4 17	0 42	15 57	1 42	19 28	15 33	16 11	16 24	10 38	0 19	4 21
F 19	11 9	10 39	1 51	20 10	2 51	3 13	1 28	24 2	1 12	2 31	1 34	16 24	2 23	4 16	0 42	15 57	1 42	19 28	15 32	16 11	16 25	10 40	0 18	4 22
S 20	11 29	6 10	2 57	20 22	2 52	2 46	1 30	24 6	1 12	2 33	1 34	16 23	2 23	4 15	0 42	15 58	1 42	19 29	15 32	16 12	16 26	10 42	0 16	4 22
S 21	11 50	1 10	3 53	20 32	2 51	2 19	1 31	24 9	1 12	2 35	1 34	16 22	2 23	4 14	0 42	15 59	1 42	19 29	15 32	16 14	16 27	10 44	0 15	4 22
M22	12 10	4s 0	4 35	20 40	2 50	1 51	1 33	24 13	1 12	2 37	1 34	16 21	2 23	4 13	0 42	15 59	1 42	19 29	15 31	16 17	16 28	10 45	0 14	4 22
T 23	12 30	8 59	4 57	20 44	2 47	1 24	1 34	24 16	1 12	2 39	1 33	16 20	2 23	4 12	0 42	16 0	1 42	19 29	15 31	16 20	16 29	10 47	0 13	4 22
W24	12 50	13 25	4 59	20 46	2 43	0 56	1 35	24 19	1 12	2 41	1 33	16 19	2 23	4 11	0 42	16 0	1 42	19 29	15 31	16 23	16 30	10 49	0 11	4 22
T 25	13 10	16 54	4 39	20 45	2 37	0 28	1 36	24 22	1 13	2 43	1 33	16 18	2 23	4 11	0 42	16 1	1 42	19 29	15 31	16 26	16 31	10 51	0 10	4 22
F 26	13 29	19 13	4 1	20 41	2 31	0 1	1 37	24 25	1 13	2 44	1 33	16 17	2 24	4 10	0 42	16 2	1 42	19 29	15 30	16 28	16 32	10 53	0 9	4 22
S 27	13 48	20 12	3 8	20 35	2 23	0n27	1 38	24 27	1 13	2 46	1 33	16 16	2 24	4 9	0 42	16 2	1 42	19 29	15 30	16 30	16 33	10 55	0 8	4 22
S 28	14 7	19 54	2 5	20 26	2 14	0 55	1 39	24 29	1 13	2 48	1 32	16 15	2 24	4 8	0 42	16 3	1 42	19 29	15 30	16 30	16 34	10 57	0 7	4 22
M29	14 26	18 28	0 58	20 14	2 4	1 23	1 40	24 32	1 13	2 49	1 32	16 14	2 24	4 7	0 42	16 3	1 42	19 29	15 29	16 31	16 35	10 59	0 5	4 23
T 30	14n45	16s 4	0s11	20n 0	1n52	1n51	1s41	24n33	1n13	2n51	1n32	16s13	2n24	4s 6	0n42	16n 4	1s42	19n29	15n29	16n31	16n35	11n 1	0s 4	4n23

Julian Day Number = 2349367.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'06, Lahiri = 19°57'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

MAY 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 11	10♉40'58	29♒15	21°R21	9♈43	24♊40	26°R20	22°R50	11°R57	19♉49	16°R37	14°R29	14♌ 9	13♉41	19♓43	W 1
T 2	14 40 8	11°39'04	11♓40	21♉ 1	10°56	25°18	26♍16	22♏46	11♎55	19°51	16♍36	14♌27	14° 6	13°47	19°45	T 2
F 3	14 44 4	12°37'08	23°52	20°37	12° 8	25°56	26°13	22°41	11°53	19°54	16°35	14°22	14° 3	13°54	19°48	F 3
S 4	14 48 1	13°35'10	5♈55	20°10	13°20	26°34	26° 9	22°37	11°51	19°56	16°34	14°15	14° 0	14° 1	19°50	S 4
S 5	14 51 57	14°33'11	17°53	19°40	14°32	27°12	26° 6	22°33	11°49	19°58	16°34	14° 5	13°56	14° 7	19°53	S 5
M 6	14 55 54	15°31'11	29°47	19° 7	15°45	27°50	26° 3	22°28	11°47	20° 0	16°33	13°52	13°53	14°14	19°56	M 6
T 7	14 59 50	16°29'09	11♉39	18°33	16°57	28°28	26° 0	22°24	11°45	20° 3	16°32	13°38	13°50	14°21	19°58	T 7
W 8	15 3 47	17°27'06	23°31	17°58	18° 9	29° 5	25°57	22°19	11°43	20° 5	16°32	13°24	13°47	14°28	20° 0	W 8
T 9	15 7 43	18°25'01	5♊24	17°22	19°22	29°43	25°55	22°15	11°41	20° 7	16°31	13°11	13°44	14°34	20° 3	T 9
F 10	15 11 40	19°22'54	17°20	16°46	20°34	0♋21	25°52	22°10	11°39	20° 9	16°31	12°59	13°41	14°41	20° 5	F 10
S 11	15 15 37	20°20'46	29°20	16°11	21°46	0°59	25°50	22° 6	11°37	20°12	16°30	12°50	13°37	14°48	20° 7	S 11
S 12	15 19 33	21°18'36	11♋28	15°37	22°59	1°37	25°48	22° 1	11°35	20°14	16°30	12°44	13°34	14°55	20°10	S 12
M13	15 23 30	22°16'25	23°46	15° 5	24°11	2°15	25°46	21°57	11°34	20°16	16°29	12°41	13°31	15° 1	20°12	M13
T 14	15 27 26	23°14'12	6♌18	14°36	25°24	2°53	25°45	21°52	11°32	20°18	16°29	12°40	13°28	15° 8	20°14	T 14
W15	15 31 23	24°11'57	19° 8	14° 9	26°36	3°31	25°43	21°48	11°30	20°21	16°28	12°40	13°25	15°15	20°16	W15
T 16	15 35 19	25° 9'40	2♍20	13°46	27°48	4° 9	25°42	21°43	11°29	20°23	16°28	12°40	13°21	15°21	20°18	T 16
F 17	15 39 16	26° 7'22	15°58	13°26	29° 1	4°46	25°41	21°39	11°27	20°25	16°28	12°38	13°18	15°28	20°20	F 17
S 18	15 43 12	27° 5'02	0♎ 4	13°11	0♉13	5°24	25°40	21°35	11°25	20°27	16°27	12°35	13°15	15°35	20°22	S 18
S 19	15 47 9	28° 2'41	14°37	12°59	1°26	6° 2	25°39	21°30	11°24	20°30	16°27	12°29	13°12	15°42	20°24	S 19
M20	15 51 6	29° 0'18	29°34	12°52	2°38	6°40	25°38	21°26	11°22	20°32	16°27	12°21	13° 9	15°48	20°26	M20
T 21	15 55 2	29°57'54	14♏46	12°D49	3°51	7°18	25°38	21°21	11°21	20°34	16°27	12°12	13° 6	15°55	20°28	T 21
W22	15 58 59	0♊55'28	0♐ 4	12°50	5° 3	7°56	25°38	21°17	11°20	20°36	16°26	12° 2	13° 2	16° 2	20°29	W22
T 23	16 2 55	1°53'02	15°17	12°57	6°16	8°33	25°D38	21°13	11°18	20°39	16°26	11°52	12°59	16° 8	20°31	T 23
F 24	16 6 52	2°50'34	0♑13	13° 7	7°28	9°11	25°38	21° 8	11°17	20°41	16°26	11°45	12°56	16°15	20°33	F 24
S 25	16 10 48	3°48'05	14°46	13°22	8°41	9°49	25°38	21° 4	11°16	20°43	16°26	11°40	12°53	16°22	20°34	S 25
S 26	16 14 45	4°45'35	28°51	13°42	9°53	10°27	25°39	21° 0	11°14	20°45	16°26	11°37	12°50	16°29	20°36	S 26
M27	16 18 41	5°43'05	12♒26	14° 6	11° 6	11° 5	25°40	20°55	11°13	20°47	16°D26	11°D37	12°47	16°35	20°37	M27
T 28	16 22 38	6°40'34	25°34	14°34	12°19	11°42	25°40	20°51	11°12	20°50	16°26	11°37	12°43	16°42	20°39	T 28
W29	16 26 35	7°38'01	8♓18	15° 6	13°31	12°20	25°42	20°47	11°11	20°52	16°26	11°R38	12°40	16°49	20°40	W29
T 30	16 30 31	8°35'29	20°43	15°42	14°44	12°58	25°43	20°43	11°10	20°54	16°26	11°37	12°37	16°56	20°42	T 30
F 31	16 34 28	9♊32'55	2♈54	16♉23	15♉57	13♋36	25♍44	20♏39	11♎ 9	20♉56	16♍26	11♌34	12♌34	17♉ 2	20♓43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 3	12s57	1s17	19n44	1n40	2n18	1s41	24n35	1n13	2n52	1n32	16s11	2n24	4s 5	0n42	16n 5	1s42	19n29	15n29	16n31	16n36	11n 3	0s 3	4n23
T 2	15 21	9 20	2 18	19 25	1 26	2 46	1 42	24 37	1 13	2 53	1 32	16 10	2 24	4 5	0 42	16 5	1 42	19 29	15 28	16 31	16 37	11 5	0 2	4 23
F 3	15 39	5 22	3 12	19 5	1 12	3 14	1 42	24 38	1 13	2 54	1 31	16 9	2 24	4 4	0 42	16 6	1 42	19 29	15 28	16 33	16 38	11 7	0 1	4 23
S 4	15 56	1 15	3 56	18 43	0 56	3 42	1 43	24 39	1 14	2 56	1 31	16 8	2 24	4 3	0 42	16 6	1 42	19 29	15 28	16 35	16 39	11 9	0n 0	4 23
S 5	16 14	2n52	4 29	18 19	0 40	4 9	1 43	24 40	1 14	2 57	1 31	16 7	2 24	4 2	0 42	16 7	1 42	19 29	15 27	16 38	16 40	11 11	0 2	4 23
M 6	16 31	6 52	4 51	17 54	0 23	4 37	1 43	24 41	1 14	2 58	1 31	16 6	2 24	4 1	0 42	16 8	1 42	19 29	15 27	16 41	16 41	11 13	0 3	4 24
T 7	16 47	10 36	4 59	17 28	0 6	5 5	1 43	24 42	1 14	2 59	1 31	16 5	2 24	4 1	0 42	16 8	1 42	19 29	15 26	16 45	16 42	11 15	0 4	4 24
W 8	17 4	13 55	4 55	17 2	0s11	5 32	1 43	24 42	1 14	3 0	1 30	16 4	2 24	4 0	0 42	16 9	1 42	19 29	15 26	16 49	16 43	11 17	0 5	4 24
T 9	17 20	16 41	4 38	16 35	0 29	6 0	1 43	24 42	1 14	3 0	1 30	16 3	2 24	3 59	0 42	16 9	1 42	19 29	15 26	16 53	16 44	11 19	0 6	4 24
F 10	17 36	18 45	4 8	16 8	0 46	6 27	1 43	24 42	1 14	3 1	1 30	16 1	2 24	3 59	0 42	16 10	1 42	19 29	15 25	16 56	16 45	11 21	0 7	4 24
S 11	17 52	20 1	3 27	15 42	1 3	6 54	1 43	24 42	1 14	3 2	1 30	16 0	2 24	3 58	0 42	16 11	1 42	19 29	15 25	16 59	16 46	11 23	0 8	4 24
S 12	18 7	20 22	2 37	15 16	1 20	7 21	1 43	24 42	1 14	3 2	1 29	15 59	2 24	3 57	0 42	16 11	1 42	19 29	15 25	17 1	16 46	11 25	0 9	4 24
M13	18 22	19 46	1 38	14 51	1 36	7 48	1 43	24 41	1 14	3 3	1 29	15 58	2 23	3 57	0 41	16 12	1 42	19 28	15 24	17 2	16 47	11 27	0 10	4 25
T 14	18 37	18 11	0 34	14 27	1 52	8 15	1 42	24 41	1 14	3 3	1 29	15 57	2 23	3 56	0 41	16 12	1 42	19 28	15 24	17 2	16 48	11 29	0 11	4 25
W15	18 51	15 39	0n34	14 5	2 7	8 41	1 42	24 40	1 14	3 4	1 29	15 56	2 23	3 55	0 41	16 13	1 42	19 28	15 23	17 2	16 49	11 30	0 12	4 25
T 16	19 5	12 15	1 42	13 45	2 21	9 8	1 41	24 39	1 14	3 4	1 29	15 55	2 23	3 55	0 41	16 14	1 42	19 28	15 23	17 2	16 50	11 32	0 13	4 25
F 17	19 19	8 6	2 47	13 27	2 34	9 34	1 41	24 38	1 14	3 4	1 28	15 54	2 23	3 54	0 41	16 14	1 42	19 27	15 23	17 2	16 51	11 34	0 14	4 25
S 18	19 32	3 23	3 43	13 11	2 46	10 0	1 40	24 36	1 14	3 4	1 28	15 53	2 23	3 53	0 41	16 15	1 42	19 27	15 22	17 3	16 52	11 36	0 15	4 25
S 19	19 45	1s40	4 27	12 57	2 57	10 26	1 39	24 35	1 14	3 4	1 28	15 52	2 23	3 53	0 41	16 15	1 42	19 27	15 22	17 5	16 53	11 38	0 16	4 26
M20	19 58	6 44	4 54	12 45	3 7	10 52	1 38	24 33	1 14	3 4	1 28	15 51	2 23	3 52	0 41	16 16	1 42	19 27	15 21	17 7	16 54	11 40	0 16	4 26
T 21	20 10	11 29	5 1	12 36	3 16	11 17	1 38	24 31	1 14	3 4	1 27	15 50	2 23	3 52	0 41	16 17	1 42	19 26	15 21	17 10	16 55	11 42	0 17	4 26
W22	20 22	15 31	4 47	12 29	3 24	11 42	1 37	24 29	1 14	3 4	1 27	15 48	2 23	3 51	0 41	16 17	1 42	19 26	15 21	17 13	16 56	11 44	0 18	4 26
T 23	20 34	18 29	4 12	12 24	3 30	12 7	1 36	24 26	1 15	3 4	1 27	15 47	2 23	3 51	0 41	16 18	1 42	19 26	15 20	17 15	16 56	11 46	0 19	4 26
F 24	20 45	20 7	3 21	12 22	3 36	12 32	1 35	24 24	1 15	3 4	1 27	15 46	2 23	3 50	0 41	16 18	1 42	19 25	15 20	17 17	16 57	11 48	0 20	4 26
S 25	20 56	20 23	2 18	12 22	3 40	12 56	1 33	24 21	1 15	3 3	1 26	15 45	2 23	3 50	0 41	16 19	1 42	19 25	15 19	17 19	16 58	11 50	0 21	4 27
S 26	21 7	19 19	1 7	12 25	3 44	13 20	1 32	24 18	1 15	3 3	1 26	15 44	2 22	3 49	0 41	16 19	1 42	19 25	15 19	17 19	16 59	11 52	0 21	4 27
M27	21 17	17 10	0s 4	12 30	3 46	13 44	1 31	24 15	1 15	3 2	1 26	15 43	2 22	3 49	0 41	16 20	1 42	19 24	15 18	17 20	17 0	11 54	0 22	4 27
T 28	21 27	14 10	1 14	12 36	3 47	14 8	1 30	24 12	1 15	3 2	1 26	15 42	2 22	3 49	0 41	16 21	1 42	19 24	15 18	17 19	17 1	11 56	0 23	4 27
W29	21 37	10 35	2 17	12 45	3 48	14 31	1 28	24 8	1 15	3 1	1 25	15 41	2 22	3 48	0 41	16 21	1 42	19 24	15 18	17 19	17 2	11 58	0 24	4 27
T 30	21 46	6 38	3 13	12 56	3 48	14 54	1 27	24 5	1 15	3 0	1 25	15 40	2 22	3 48	0 41	16 22	1 42	19 23	15 17	17 20	17 3	12 0	0 24	4 27
F 31	21n55	2s29	3s58	13n 9	3s46	15n16	1s25	24n 1	1n15	3n 0	1n25	15s39	2n22	3s48	0n41	16n22	1s42	19n23	15n17	17n20	17n 4	12n 1	0n25	4n28

Julian Day Number = 2349397.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'10, Lahiri = 19°57'10Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

JUNE 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 24	10♊30'21	14♈54	17♉ 7	17♉ 9	14♋13	25♍46	20°R35	11°R 8	20♉58	16♍26	11°R29	12♌31	17♉ 9	20♓44	S 1
S 2	16 42 21	11°27'46	26°48	17°55	18°22	14°51	25°47	20♏30	11♎ 7	21° 0	16°26	11♌22	12°27	17°16	20°45	S 2
M 3	16 46 17	12°25'10	8♉39	18°47	19°35	15°29	25°49	20°26	11° 7	21° 3	16°27	11°13	12°24	17°22	20°47	M 3
T 4	16 50 14	13°22'33	20°31	19°43	20°47	16° 7	25°52	20°23	11° 6	21° 5	16°27	11° 2	12°21	17°29	20°48	T 4
W 5	16 54 10	14°19'56	2♊25	20°42	22° 0	16°44	25°54	20°19	11° 5	21° 7	16°27	10°51	12°18	17°36	20°49	W 5
T 6	16 58 7	15°17'19	14°22	21°44	23°13	17°22	25°56	20°15	11° 4	21° 9	16°27	10°41	12°15	17°43	20°50	T 6
F 7	17 2 4	16°14'40	26°25	22°50	24°26	18° 0	25°59	20°11	11° 4	21°11	16°28	10°32	12°12	17°49	20°51	F 7
S 8	17 6 0	17°12'01	8♋35	23°59	25°38	18°38	26° 2	20° 7	11° 3	21°13	16°28	10°26	12° 8	17°56	20°52	S 8
S 9	17 9 57	18° 9'21	20°53	25°12	26°51	19°16	26° 5	20° 4	11° 3	21°15	16°29	10°22	12° 5	18° 3	20°52	S 9
M10	17 13 53	19° 6'40	3♌21	26°28	28° 4	19°53	26° 8	20° 0	11° 2	21°17	16°29	10°20	12° 2	18°10	20°53	M10
T 11	17 17 50	20° 3'58	16° 2	27°47	29°17	20°31	26°11	19°56	11° 2	21°19	16°29	10°D20	11°59	18°16	20°54	T 11
W12	17 21 46	21° 1'15	28°59	29° 9	0♊30	21° 9	26°15	19°53	11° 1	21°21	16°30	10°20	11°56	18°23	20°55	W12
T 13	17 25 43	21°58'32	12♍13	0♊34	1°43	21°47	26°18	19°49	11° 1	21°23	16°30	10°22	11°52	18°30	20°55	T 13
F 14	17 29 39	22°55'48	25°48	2° 3	2°55	22°24	26°22	19°46	11° 1	21°25	16°31	10°R22	11°49	18°36	20°56	F 14
S 15	17 33 36	23°53'02	9♎46	3°34	4° 8	23° 2	26°26	19°43	11° 1	21°27	16°31	10°21	11°46	18°43	20°56	S 15
S 16	17 37 33	24°50'16	24° 6	5° 9	5°21	23°40	26°30	19°39	11° 0	21°29	16°32	10°18	11°43	18°50	20°57	S 16
M17	17 41 29	25°47'30	8♏45	6°46	6°34	24°18	26°34	19°36	11° 0	21°31	16°33	10°13	11°40	18°57	20°57	M17
T 18	17 45 26	26°44'42	23°40	8°27	7°47	24°55	26°39	19°33	11°D 0	21°33	16°33	10° 7	11°37	19° 3	20°58	T 18
W19	17 49 22	27°41'54	8♐41	10°10	9° 0	25°33	26°43	19°30	11° 0	21°35	16°34	10° 1	11°33	19°10	20°58	W19
T 20	17 53 19	28°39'06	23°40	11°57	10°13	26°11	26°48	19°27	11° 0	21°37	16°35	9°55	11°30	19°17	20°58	T 20
F 21	17 57 15	29°36'18	8♑29	13°46	11°26	26°48	26°53	19°24	11° 0	21°39	16°36	9°51	11°27	19°23	20°58	F 21
S 22	18 1 12	0♋33'29	22°58	15°38	12°39	27°26	26°58	19°21	11° 1	21°40	16°36	9°48	11°24	19°30	20°58	S 22
S 23	18 5 9	1°30'40	7♒ 4	17°33	13°52	28° 4	27° 3	19°19	11° 1	21°42	16°37	9°D47	11°21	19°37	20°58	S 23
M24	18 9 5	2°27'51	20°43	19°30	15° 5	28°42	27° 9	19°16	11° 1	21°44	16°38	9°47	11°18	19°44	20°R58	M24
T 25	18 13 2	3°25'02	3♓55	21°29	16°18	29°19	27°14	19°13	11° 1	21°46	16°39	9°48	11°14	19°50	20°58	T 25
W26	18 16 58	4°22'12	16°44	23°31	17°31	29°57	27°20	19°11	11° 2	21°48	16°40	9°50	11°11	19°57	20°58	W26
T 27	18 20 55	5°19'24	29°13	25°34	18°44	0♌35	27°26	19° 8	11° 2	21°49	16°41	9°51	11° 8	20° 4	20°58	T 27
F 28	18 24 51	6°16'35	11♈25	27°40	19°58	1°13	27°31	19° 6	11° 3	21°51	16°42	9°R51	11° 5	20°11	20°58	F 28
S 29	18 28 48	7°13'46	23°26	29°47	21°11	1°50	27°38	19° 4	11° 3	21°53	16°43	9°50	11° 2	20°17	20°58	S 29
S 30	18 32 44	8♋10'58	5♉21	1♋55	22♊24	2♌28	27♍44	19♏ 2	11♎ 4	21♉55	16♍44	9♌47	10♌58	20♉24	20♓57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	1n41	4s32	13n23	3s44	15n38	1s24	23n57	1n15	2n59	1n25	15s38	2n22	3s47	0n41	16n23	1s42	19n22	15n16	17n22	17n 5	12n 3	0n26	4n28
S 2	22 11	5 46	4 54	13 39	3 41	16 0	1 22	23 53	1 14	2 58	1 24	15 38	2 22	3 47	0 41	16 23	1 42	19 22	15 16	17 24	17 5	12 5	0 26	4 28
M 3	22 19	9 37	5 4	13 57	3 37	16 21	1 21	23 48	1 14	2 57	1 24	15 37	2 22	3 47	0 41	16 24	1 42	19 21	15 15	17 26	17 6	12 7	0 27	4 28
T 4	22 26	13 5	5 0	14 16	3 33	16 42	1 19	23 44	1 14	2 56	1 24	15 36	2 21	3 46	0 41	16 24	1 42	19 21	15 15	17 29	17 7	12 9	0 28	4 28
W 5	22 33	16 3	4 43	14 37	3 28	17 3	1 17	23 39	1 14	2 55	1 24	15 35	2 21	3 46	0 41	16 25	1 42	19 20	15 15	17 32	17 8	12 11	0 28	4 29
T 6	22 40	18 21	4 14	14 58	3 22	17 23	1 15	23 34	1 14	2 54	1 23	15 34	2 21	3 46	0 41	16 26	1 42	19 20	15 14	17 35	17 9	12 13	0 29	4 29
F 7	22 46	19 53	3 33	15 21	3 15	17 43	1 14	23 29	1 14	2 52	1 23	15 33	2 21	3 46	0 41	16 26	1 42	19 19	15 14	17 37	17 10	12 15	0 29	4 29
S 8	22 51	20 30	2 42	15 45	3 8	18 2	1 12	23 24	1 14	2 51	1 23	15 32	2 21	3 45	0 41	16 27	1 42	19 19	15 13	17 39	17 11	12 17	0 30	4 29
S 9	22 57	20 10	1 43	16 10	3 1	18 21	1 10	23 19	1 14	2 50	1 23	15 31	2 21	3 45	0 40	16 27	1 42	19 18	15 13	17 40	17 12	12 19	0 30	4 29
M10	23 2	18 50	0 37	16 36	2 52	18 39	1 8	23 13	1 14	2 48	1 22	15 31	2 20	3 45	0 40	16 28	1 42	19 18	15 12	17 41	17 13	12 21	0 31	4 30
T 11	23 6	16 32	0n31	17 2	2 44	18 57	1 6	23 8	1 14	2 47	1 22	15 30	2 20	3 45	0 40	16 28	1 42	19 17	15 12	17 41	17 13	12 23	0 31	4 30
W12	23 10	13 23	1 39	17 29	2 35	19 15	1 4	23 2	1 14	2 45	1 22	15 29	2 20	3 45	0 40	16 29	1 42	19 17	15 12	17 40	17 14	12 24	0 32	4 30
T 13	23 14	9 30	2 43	17 56	2 25	19 32	1 2	22 56	1 14	2 43	1 22	15 28	2 20	3 45	0 40	16 29	1 43	19 16	15 11	17 40	17 15	12 26	0 32	4 30
F 14	23 17	5 2	3 40	18 24	2 15	19 48	1 0	22 50	1 14	2 42	1 21	15 28	2 20	3 45	0 40	16 30	1 43	19 15	15 11	17 40	17 16	12 28	0 33	4 30
S 15	23 20	0 12	4 26	18 52	2 4	20 4	0 57	22 43	1 14	2 40	1 21	15 27	2 20	3 45	0 40	16 30	1 43	19 15	15 10	17 40	17 17	12 30	0 33	4 31
S 16	23 22	4s46	4 56	19 19	1 54	20 19	0 55	22 37	1 14	2 38	1 21	15 26	2 19	3 45	0 40	16 31	1 43	19 14	15 10	17 41	17 18	12 32	0 33	4 31
M17	23 24	9 34	5 8	19 47	1 43	20 34	0 53	22 30	1 14	2 36	1 21	15 26	2 19	3 45	0 40	16 31	1 43	19 14	15 10	17 42	17 19	12 34	0 34	4 31
T 18	23 26	13 52	5 0	20 14	1 31	20 48	0 51	22 23	1 14	2 34	1 21	15 25	2 19	3 45	0 40	16 31	1 43	19 13	15 9	17 44	17 20	12 36	0 34	4 31
W19	23 27	17 19	4 31	20 41	1 20	21 2	0 48	22 16	1 14	2 32	1 20	15 24	2 19	3 45	0 40	16 32	1 43	19 12	15 9	17 46	17 20	12 38	0 34	4 31
T 20	23 28	19 36	3 44	21 8	1 8	21 15	0 46	22 9	1 14	2 30	1 20	15 24	2 19	3 45	0 40	16 32	1 43	19 12	15 8	17 47	17 21	12 40	0 34	4 32
F 21	23 28	20 31	2 42	21 33	0 57	21 28	0 44	22 2	1 14	2 28	1 20	15 23	2 18	3 45	0 40	16 33	1 43	19 11	15 8	17 48	17 22	12 42	0 35	4 32
S 22	23 28	20 2	1 30	21 57	0 45	21 40	0 41	21 54	1 14	2 25	1 20	15 23	2 18	3 45	0 40	16 33	1 43	19 10	15 7	17 49	17 23	12 43	0 35	4 32
S 23	23 28	18 18	0 15	22 21	0 33	21 51	0 39	21 47	1 13	2 23	1 19	15 22	2 18	3 45	0 40	16 34	1 43	19 10	15 7	17 50	17 24	12 45	0 35	4 32
M24	23 27	15 33	0s59	22 42	0 21	22 2	0 37	21 39	1 13	2 21	1 19	15 21	2 18	3 45	0 40	16 34	1 43	19 9	15 7	17 49	17 25	12 47	0 35	4 32
T 25	23 26	12 4	2 8	23 2	0 10	22 12	0 34	21 31	1 13	2 18	1 19	15 21	2 18	3 45	0 40	16 35	1 43	19 8	15 6	17 49	17 26	12 49	0 36	4 32
W26	23 24	8 7	3 8	23 20	0n 2	22 21	0 32	21 23	1 13	2 16	1 19	15 21	2 17	3 46	0 40	16 35	1 43	19 7	15 6	17 49	17 27	12 51	0 36	4 33
T 27	23 22	3 56	3 57	23 37	0 13	22 30	0 29	21 15	1 13	2 13	1 18	15 20	2 17	3 46	0 40	16 35	1 43	19 7	15 5	17 48	17 28	12 53	0 36	4 33
F 28	23 19	0n19	4 35	23 50	0 23	22 39	0 27	21 6	1 13	2 11	1 18	15 20	2 17	3 46	0 40	16 36	1 43	19 6	15 5	17 48	17 28	12 55	0 36	4 33
S 29	23 17	4 29	4 59	24 2	0 34	22 46	0 25	20 58	1 13	2 8	1 18	15 19	2 17	3 46	0 40	16 36	1 43	19 5	15 5	17 49	17 29	12 57	0 36	4 33
S 30	23n13	8n26	5s11	24n11	0n43	22n53	0s22	20n49	1n13	2n 6	1n18	15s19	2n16	3s47	0n40	16n37	1s43	19n 5	15n 4	17n49	17n30	12n59	0n36	4n33

Julian Day Number = 2349428.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'14, Lahiri = 19°57'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

JULY 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 41	9♋ 8'10	17♉13	4♋ 4	23♊37	3♌ 6	27♍50	19°R 0	11♎ 4	21♉56	16♍45	9°R43	10♌55	20♉31	20°R57	M 1
T 2	18 40 37	10° 5'22	29° 6	6°14	24°50	3°44	27°57	18♏58	11° 5	21°58	16°46	9♌39	10°52	20°37	20♓57	T 2
W 3	18 44 34	11° 2'34	11♊ 3	8°24	26° 4	4°21	28° 3	18°56	11° 6	22° 0	16°47	9°34	10°49	20°44	20°56	W 3
T 4	18 48 31	11°59'47	23° 7	10°34	27°17	4°59	28°10	18°54	11° 7	22° 1	16°48	9°29	10°46	20°51	20°56	T 4
F 5	18 52 27	12°57'00	5♋20	12°43	28°30	5°37	28°17	18°52	11° 7	22° 3	16°49	9°25	10°43	20°58	20°55	F 5
S 6	18 56 24	13°54'13	17°42	14°53	29°44	6°15	28°24	18°51	11° 8	22° 4	16°50	9°22	10°39	21° 4	20°54	S 6
S 7	19 0 20	14°51'27	0♌16	17° 2	0♋57	6°52	28°31	18°49	11° 9	22° 6	16°52	9°21	10°36	21°11	20°54	S 7
M 8	19 4 17	15°48'40	13° 2	19° 9	2°10	7°30	28°38	18°47	11°10	22° 7	16°53	9°D21	10°33	21°18	20°53	M 8
T 9	19 8 13	16°45'54	26° 0	21°16	3°24	8° 8	28°46	18°46	11°11	22° 9	16°54	9°21	10°30	21°24	20°52	T 9
W10	19 12 10	17°43'07	9♍12	23°21	4°37	8°46	28°53	18°45	11°12	22°10	16°55	9°23	10°27	21°31	20°51	W10
T 11	19 16 7	18°40'21	22°39	25°26	5°51	9°24	29° 1	18°44	11°14	22°12	16°57	9°24	10°24	21°38	20°50	T 11
F 12	19 20 3	19°37'35	6♎20	27°28	7° 4	10° 1	29° 9	18°43	11°15	22°13	16°58	9°25	10°20	21°45	20°49	F 12
S 13	19 24 0	20°34'48	20°17	29°29	8°17	10°39	29°17	18°42	11°16	22°14	16°59	9°R25	10°17	21°51	20°48	S 13
S 14	19 27 56	21°32'02	4♏28	1♌28	9°31	11°17	29°25	18°41	11°17	22°16	17° 1	9°25	10°14	21°58	20°47	S 14
M15	19 31 53	22°29'17	18°51	3°26	10°44	11°55	29°33	18°40	11°19	22°17	17° 2	9°24	10°11	22° 5	20°46	M15
T 16	19 35 49	23°26'31	3♐24	5°22	11°58	12°33	29°41	18°39	11°20	22°18	17° 4	9°22	10° 8	22°12	20°45	T 16
W17	19 39 46	24°23'46	18° 0	7°16	13°12	13°10	29°49	18°39	11°22	22°20	17° 5	9°20	10° 4	22°18	20°44	W17
T 18	19 43 42	25°21'01	2♑35	9° 9	14°25	13°48	29°58	18°38	11°23	22°21	17° 7	9°19	10° 1	22°25	20°42	T 18
F 19	19 47 39	26°18'16	17° 2	11° 0	15°39	14°26	0♎ 6	18°38	11°25	22°22	17° 8	9°17	9°58	22°32	20°41	F 19
S 20	19 51 36	27°15'33	1♒15	12°49	16°52	15° 4	0°15	18°37	11°26	22°23	17°10	9°17	9°55	22°38	20°40	S 20
S 21	19 55 32	28°12'49	15°10	14°36	18° 6	15°42	0°24	18°37	11°28	22°25	17°11	9°D17	9°52	22°45	20°38	S 21
M22	19 59 29	29°10'07	28°43	16°21	19°20	16°20	0°33	18°37	11°30	22°26	17°13	9°17	9°49	22°52	20°37	M22
T 23	20 3 25	0♌ 7'25	11♓55	18° 5	20°33	16°57	0°42	18°D37	11°31	22°27	17°14	9°18	9°45	22°59	20°35	T 23
W24	20 7 22	1° 4'44	24°45	19°47	21°47	17°35	0°51	18°37	11°33	22°28	17°16	9°19	9°42	23° 5	20°34	W24
T 25	20 11 18	2° 2'04	7♈16	21°27	23° 1	18°13	1° 0	18°37	11°35	22°29	17°18	9°19	9°39	23°12	20°32	T 25
F 26	20 15 15	2°59'25	19°31	23° 6	24°15	18°51	1°10	18°37	11°37	22°30	17°19	9°20	9°36	23°19	20°31	F 26
S 27	20 19 11	3°56'48	1♉34	24°43	25°28	19°29	1°19	18°38	11°39	22°31	17°21	9°R20	9°33	23°25	20°29	S 27
S 28	20 23 8	4°54'11	13°30	26°18	26°42	20° 7	1°28	18°38	11°41	22°32	17°23	9°20	9°30	23°32	20°27	S 28
M29	20 27 5	5°51'36	25°23	27°51	27°56	20°45	1°38	18°39	11°43	22°33	17°25	9°20	9°26	23°39	20°25	M29
T 30	20 31 1	6°49'02	7♊17	29°23	29°10	21°23	1°48	18°39	11°45	22°34	17°26	9°20	9°23	23°46	20°24	T 30
W31	20 34 58	7♌46'29	19♊17	0♍53	0♌24	22♌ 1	1♎58	18♏40	11♎47	22♉35	17♍28	9♌19	9♌20	23♉52	20♓22	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 9	12n 3	5s 9	24n17	0n53	23n 0	0s20	20n40	1n13	2n 3	1n18	15s19	2n16	3s47	0n40	16n37	1s43	19n 4	15n 4	17n50	17n31	13n 0	0n36	4n34
T 2	23 5	15 12	4 54	24 21	1 1	23 5	0 17	20 31	1 13	2 0	1 17	15 18	2 16	3 47	0 40	16 37	1 43	19 3	15 4	17 52	17 32	13 2	0 36	4 34
W 3	23 1	17 44	4 27	24 22	1 9	23 10	0 15	20 22	1 12	1 57	1 17	15 18	2 16	3 47	0 40	16 38	1 43	19 2	15 3	17 53	17 33	13 4	0 36	4 34
T 4	22 56	19 31	3 47	24 20	1 17	23 15	0 12	20 13	1 12	1 54	1 17	15 18	2 15	3 48	0 39	16 38	1 43	19 1	15 3	17 54	17 34	13 6	0 36	4 34
F 5	22 51	20 26	2 56	24 15	1 23	23 18	0 10	20 4	1 12	1 51	1 17	15 17	2 15	3 48	0 39	16 39	1 43	19 1	15 2	17 55	17 34	13 8	0 36	4 34
S 6	22 45	20 23	1 56	24 7	1 29	23 21	0 7	19 54	1 12	1 48	1 17	15 17	2 15	3 49	0 39	16 39	1 43	19 0	15 2	17 56	17 35	13 10	0 36	4 35
S 7	22 39	19 19	0 50	23 57	1 34	23 24	0 5	19 45	1 12	1 45	1 16	15 17	2 15	3 49	0 39	16 39	1 43	18 59	15 2	17 56	17 36	13 12	0 36	4 35
M 8	22 32	17 15	0n20	23 44	1 39	23 25	0 2	19 35	1 12	1 42	1 16	15 17	2 15	3 49	0 39	16 40	1 43	18 58	15 1	17 57	17 37	13 14	0 36	4 35
T 9	22 25	14 17	1 30	23 28	1 42	23 26	0n 0	19 25	1 12	1 39	1 16	15 17	2 14	3 50	0 39	16 40	1 43	18 57	15 1	17 56	17 38	13 16	0 35	4 35
W10	22 18	10 33	2 37	23 11	1 45	23 26	0 3	19 15	1 12	1 36	1 16	15 17	2 14	3 50	0 39	16 40	1 43	18 57	15 1	17 56	17 39	13 17	0 35	4 35
T 11	22 10	6 14	3 36	22 51	1 47	23 26	0 5	19 5	1 12	1 33	1 16	15 17	2 14	3 51	0 39	16 41	1 44	18 56	15 0	17 56	17 40	13 19	0 35	4 35
F 12	22 2	1 32	4 24	22 28	1 49	23 25	0 8	18 54	1 11	1 30	1 15	15 16	2 14	3 51	0 39	16 41	1 44	18 55	15 0	17 55	17 40	13 21	0 35	4 36
S 13	21 54	3s20	4 58	22 4	1 49	23 23	0 10	18 44	1 11	1 26	1 15	15 16	2 13	3 52	0 39	16 41	1 44	18 54	15 0	17 55	17 41	13 23	0 35	4 36
S 14	21 45	8 5	5 14	21 38	1 49	23 20	0 13	18 33	1 11	1 23	1 15	15 16	2 13	3 52	0 39	16 41	1 44	18 53	14 59	17 55	17 42	13 25	0 34	4 36
M15	21 36	12 28	5 11	21 11	1 49	23 17	0 15	18 23	1 11	1 19	1 15	15 16	2 13	3 53	0 39	16 42	1 44	18 52	14 59	17 56	17 43	13 27	0 34	4 36
T 16	21 26	16 9	4 48	20 41	1 48	23 13	0 17	18 12	1 11	1 16	1 15	15 17	2 13	3 54	0 39	16 42	1 44	18 51	14 59	17 56	17 44	13 29	0 34	4 36
W17	21 16	18 50	4 7	20 11	1 46	23 9	0 20	18 1	1 11	1 12	1 14	15 17	2 12	3 54	0 39	16 42	1 44	18 51	14 58	17 57	17 45	13 30	0 33	4 36
T 18	21 6	20 18	3 9	19 39	1 43	23 3	0 22	17 50	1 11	1 9	1 14	15 17	2 12	3 55	0 39	16 43	1 44	18 50	14 58	17 57	17 46	13 32	0 33	4 37
F 19	20 55	20 24	2 0	19 6	1 40	22 58	0 24	17 39	1 10	1 5	1 14	15 17	2 12	3 55	0 39	16 43	1 44	18 49	14 58	17 57	17 46	13 34	0 33	4 37
S 20	20 44	19 11	0 44	18 32	1 37	22 51	0 27	17 28	1 10	1 2	1 14	15 17	2 12	3 56	0 39	16 43	1 44	18 48	14 57	17 58	17 47	13 36	0 32	4 37
S 21	20 33	16 50	0s33	17 57	1 32	22 44	0 29	17 16	1 10	0 58	1 14	15 17	2 11	3 57	0 39	16 43	1 44	18 47	14 57	17 58	17 48	13 38	0 32	4 37
M22	20 21	13 35	1 46	17 21	1 28	22 36	0 31	17 5	1 10	0 54	1 13	15 17	2 11	3 57	0 39	16 44	1 44	18 46	14 57	17 57	17 49	13 40	0 31	4 37
T 23	20 9	9 44	2 51	16 45	1 23	22 27	0 33	16 53	1 10	0 51	1 13	15 18	2 11	3 58	0 39	16 44	1 44	18 45	14 56	17 57	17 50	13 42	0 31	4 37
W24	19 57	5 33	3 46	16 8	1 17	22 18	0 36	16 41	1 10	0 47	1 13	15 18	2 10	3 59	0 39	16 44	1 44	18 44	14 56	17 57	17 51	13 43	0 31	4 38
T 25	19 44	1 14	4 29	15 30	1 12	22 8	0 38	16 30	1 10	0 43	1 13	15 18	2 10	4 0	0 39	16 44	1 44	18 43	14 56	17 57	17 52	13 45	0 30	4 38
F 26	19 31	3n 3	4 58	14 52	1 5	21 57	0 40	16 18	1 9	0 39	1 13	15 19	2 10	4 0	0 39	16 44	1 44	18 42	14 56	17 57	17 52	13 47	0 29	4 38
S 27	19 18	7 7	5 14	14 13	0 59	21 46	0 42	16 6	1 9	0 35	1 13	15 19	2 10	4 1	0 39	16 45	1 44	18 42	14 55	17 57	17 53	13 49	0 29	4 38
S 28	19 4	10 53	5 16	13 35	0 52	21 34	0 44	15 53	1 9	0 31	1 12	15 19	2 9	4 2	0 39	16 45	1 44	18 41	14 55	17 57	17 54	13 51	0 28	4 38
M29	18 50	14 12	5 5	12 56	0 44	21 21	0 46	15 41	1 9	0 27	1 12	15 20	2 9	4 3	0 38	16 45	1 44	18 40	14 55	17 57	17 55	13 53	0 28	4 38
T 30	18 36	16 57	4 40	12 17	0 37	21 8	0 48	15 29	1 9	0 23	1 12	15 20	2 9	4 4	0 38	16 45	1 44	18 39	14 55	17 57	17 56	13 54	0 27	4 38
W31	18n21	19n 0	4s 3	11n37	0n29	20n55	0n50	15n16	1n 8	0n19	1n12	15s20	2n 9	4s 5	0n38	16n45	1s45	18n38	14n54	17n57	17n57	13n56	0n27	4n38

Julian Day Number = 2349458.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'18, Lahiri = 19°57'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

AUGUST 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 54	8♌43'57	1♋27	2♍21	1♌38	22♌39	2♎ 7	18♏41	11♎49	22♉35	17♍30	9°R19	9♌17	23♉59	20°R20	T 1
F 2	20 42 51	9°41'26	13°48	3°47	2°52	23°17	2°17	18°42	11°51	22°36	17°32	9°D19	9°14	24° 6	20♓18	F 2
S 3	20 46 47	10°38'57	26°24	5°12	4° 6	23°55	2°27	18°43	11°53	22°37	17°33	9♌19	9°10	24°12	20°16	S 3
S 4	20 50 44	11°36'28	9♌15	6°35	5°19	24°32	2°38	18°44	11°56	22°38	17°35	9°R19	9° 7	24°19	20°14	S 4
M 5	20 54 40	12°34'01	22°23	7°56	6°33	25°10	2°48	18°45	11°58	22°38	17°37	9°19	9° 4	24°26	20°12	M 5
T 6	20 58 37	13°31'35	5♍45	9°15	7°48	25°48	2°58	18°47	12° 0	22°39	17°39	9°19	9° 1	24°33	20°10	T 6
W 7	21 2 34	14°29'09	19°21	10°32	9° 2	26°27	3° 9	18°48	12° 3	22°40	17°41	9°19	8°58	24°39	20° 7	W 7
T 8	21 6 30	15°26'45	3♎ 9	11°47	10°16	27° 5	3°19	18°50	12° 5	22°40	17°43	9°18	8°55	24°46	20° 5	T 8
F 9	21 10 27	16°24'22	17° 8	13° 0	11°30	27°43	3°30	18°51	12° 8	22°41	17°45	9°17	8°51	24°53	20° 3	F 9
S 10	21 14 23	17°21'59	1♏14	14°11	12°44	28°21	3°40	18°53	12°10	22°41	17°47	9°17	8°48	25° 0	20° 1	S 10
S 11	21 18 20	18°19'38	15°26	15°20	13°58	28°59	3°51	18°55	12°13	22°42	17°49	9°D16	8°45	25° 6	19°59	S 11
M12	21 22 16	19°17'17	29°40	16°27	15°12	29°37	4° 2	18°57	12°15	22°42	17°51	9°16	8°42	25°13	19°56	M12
T 13	21 26 13	20°14'58	13♐55	17°31	16°26	0♍15	4°13	18°59	12°18	22°43	17°53	9°17	8°39	25°20	19°54	T 13
W14	21 30 9	21°12'40	28° 7	18°33	17°40	0°53	4°24	19° 1	12°21	22°43	17°55	9°18	8°36	25°26	19°51	W14
T 15	21 34 6	22°10'23	12♑14	19°32	18°55	1°31	4°35	19° 3	12°23	22°44	17°57	9°19	8°32	25°33	19°49	T 15
F 16	21 38 3	23° 8'07	26°14	20°28	20° 9	2° 9	4°46	19° 5	12°26	22°44	17°59	9°20	8°29	25°40	19°47	F 16
S 17	21 41 59	24° 5'52	10♒ 2	21°21	21°23	2°47	4°57	19° 7	12°29	22°44	18° 1	9°R20	8°26	25°47	19°44	S 17
S 18	21 45 56	25° 3'39	23°37	22°12	22°37	3°25	5° 8	19°10	12°32	22°45	18° 3	9°20	8°23	25°53	19°42	S 18
M19	21 49 52	26° 1'27	6♓56	22°59	23°52	4° 4	5°20	19°12	12°35	22°45	18° 5	9°18	8°20	26° 0	19°39	M19
T 20	21 53 49	26°59'16	19°58	23°42	25° 6	4°42	5°31	19°15	12°38	22°45	18° 7	9°16	8°16	26° 7	19°37	T 20
W21	21 57 45	27°57'07	2♈43	24°23	26°20	5°20	5°42	19°18	12°40	22°45	18° 9	9°14	8°13	26°13	19°34	W21
T 22	22 1 42	28°55'00	15°11	24°59	27°35	5°58	5°54	19°21	12°43	22°45	18°11	9°11	8°10	26°20	19°31	T 22
F 23	22 5 38	29°52'54	27°26	25°31	28°49	6°36	6° 5	19°23	12°46	22°46	18°13	9° 8	8° 7	26°27	19°29	F 23
S 24	22 9 35	0♍50'50	9♉29	25°59	0♍ 3	7°15	6°17	19°26	12°49	22°46	18°15	9° 6	8° 4	26°34	19°26	S 24
S 25	22 13 31	1°48'49	21°25	26°22	1°18	7°53	6°29	19°29	12°52	22°46	18°17	9° 4	8° 1	26°40	19°23	S 25
M26	22 17 28	2°46'49	3♊18	26°40	2°32	8°31	6°40	19°33	12°56	22°R46	18°20	9°D 4	7°57	26°47	19°21	M26
T 27	22 21 25	3°44'51	15°12	26°53	3°46	9° 9	6°52	19°36	12°59	22°46	18°22	9° 4	7°54	26°54	19°18	T 27
W28	22 25 21	4°42'54	27°12	27° 1	5° 1	9°48	7° 4	19°39	13° 2	22°46	18°24	9° 5	7°51	27° 0	19°15	W28
T 29	22 29 18	5°41'00	9♋24	27°R 3	6°15	10°26	7°16	19°43	13° 5	22°46	18°26	9° 7	7°48	27° 7	19°13	T 29
F 30	22 33 14	6°39'08	21°50	26°59	7°30	11° 4	7°28	19°46	13° 8	22°45	18°28	9° 9	7°45	27°14	19°10	F 30
S 31	22 37 11	7♍37'18	4♌35	26♍49	8♍44	11♍43	7♎40	19♏50	13♎11	22♉45	18♍30	9°R10	7♌41	27♉21	19♓ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 6	20n13	3s15	10n58	0n20	20n40	0n52	15n 4	1n 8	0n15	1n12	15s21	2n 8	4s 5	0n38	16n46	1s45	18n37	14n54	17n57	17n58	13n58	0n26	4n39
F 2	17 51	20 29	2 17	10 19	0 12	20 25	0 54	14 51	1 8	0 11	1 12	15 21	2 8	4 6	0 38	16 46	1 45	18 36	14 54	17 57	17 58	14 0	0 25	4 39
S 3	17 35	19 44	1 11	9 40	0 3	20 10	0 56	14 38	1 8	0 7	1 12	15 22	2 8	4 7	0 38	16 46	1 45	18 35	14 54	17 57	17 59	14 2	0 25	4 39
S 4	17 20	17 58	0 0	9 1	0s 6	19 53	0 57	14 25	1 8	0 3	1 11	15 23	2 8	4 8	0 38	16 46	1 45	18 34	14 53	17 57	18 0	14 4	0 24	4 39
M 5	17 4	15 12	1n12	8 22	0 15	19 37	0 59	14 13	1 8	0s 1	1 11	15 23	2 7	4 9	0 38	16 46	1 45	18 33	14 53	17 57	18 1	14 5	0 23	4 39
T 6	16 47	11 36	2 21	7 44	0 25	19 19	1 1	14 0	1 7	0 6	1 11	15 24	2 7	4 10	0 38	16 46	1 45	18 32	14 53	17 57	18 2	14 7	0 22	4 39
W 7	16 31	7 21	3 24	7 6	0 34	19 2	1 2	13 46	1 7	0 10	1 11	15 24	2 7	4 11	0 38	16 46	1 45	18 31	14 53	17 57	18 3	14 9	0 22	4 39
T 8	16 14	2 39	4 16	6 28	0 44	18 43	1 4	13 33	1 7	0 14	1 11	15 25	2 7	4 12	0 38	16 46	1 45	18 30	14 53	17 57	18 3	14 11	0 21	4 39
F 9	15 57	2s13	4 53	5 51	0 54	18 24	1 5	13 20	1 7	0 19	1 11	15 26	2 6	4 13	0 38	16 47	1 45	18 29	14 52	17 57	18 4	14 13	0 20	4 39
S 10	15 39	7 1	5 13	5 15	1 4	18 5	1 7	13 6	1 7	0 23	1 11	15 26	2 6	4 14	0 38	16 47	1 45	18 29	14 52	17 58	18 5	14 15	0 19	4 39
S 11	15 21	11 28	5 15	4 39	1 14	17 45	1 8	12 53	1 6	0 27	1 10	15 27	2 6	4 15	0 38	16 47	1 45	18 28	14 52	17 58	18 6	14 16	0 19	4 40
M12	15 4	15 16	4 57	4 4	1 24	17 25	1 10	12 39	1 6	0 32	1 10	15 28	2 6	4 16	0 38	16 47	1 45	18 27	14 52	17 58	18 7	14 18	0 18	4 40
T 13	14 45	18 11	4 21	3 29	1 35	17 4	1 11	12 26	1 6	0 36	1 10	15 29	2 5	4 17	0 38	16 47	1 45	18 26	14 52	17 57	18 8	14 20	0 17	4 40
W14	14 27	19 59	3 29	2 56	1 45	16 42	1 12	12 12	1 6	0 41	1 10	15 30	2 5	4 18	0 38	16 47	1 45	18 25	14 52	17 57	18 8	14 22	0 16	4 40
T 15	14 8	20 31	2 24	2 23	1 55	16 20	1 13	11 58	1 6	0 45	1 10	15 30	2 5	4 19	0 38	16 47	1 45	18 24	14 51	17 57	18 9	14 24	0 15	4 40
F 16	13 50	19 46	1 12	1 51	2 6	15 58	1 15	11 44	1 5	0 50	1 10	15 31	2 5	4 20	0 38	16 47	1 45	18 23	14 51	17 57	18 10	14 25	0 14	4 40
S 17	13 30	17 49	0s 4	1 21	2 16	15 35	1 16	11 30	1 5	0 54	1 10	15 32	2 4	4 22	0 38	16 47	1 45	18 22	14 51	17 57	18 11	14 27	0 13	4 40
S 18	13 11	14 54	1 18	0 52	2 26	15 12	1 17	11 16	1 5	0 59	1 10	15 33	2 4	4 23	0 38	16 47	1 46	18 21	14 51	17 57	18 12	14 29	0 12	4 40
M19	12 52	11 15	2 26	0 24	2 37	14 49	1 18	11 2	1 5	1 3	1 9	15 34	2 4	4 24	0 38	16 47	1 46	18 20	14 51	17 57	18 13	14 31	0 11	4 40
T 20	12 32	7 8	3 26	0s 3	2 47	14 25	1 19	10 48	1 4	1 8	1 9	15 35	2 4	4 25	0 38	16 47	1 46	18 19	14 51	17 58	18 13	14 33	0 10	4 40
W21	12 12	2 48	4 13	0 28	2 57	14 0	1 19	10 34	1 4	1 13	1 9	15 36	2 3	4 26	0 38	16 47	1 46	18 18	14 51	17 58	18 14	14 34	0 9	4 40
T 22	11 52	1n34	4 48	0 51	3 6	13 35	1 20	10 20	1 4	1 17	1 9	15 37	2 3	4 27	0 38	16 47	1 46	18 17	14 51	17 59	18 15	14 36	0 9	4 40
F 23	11 32	5 47	5 8	1 12	3 16	13 10	1 21	10 5	1 4	1 22	1 9	15 38	2 3	4 28	0 38	16 47	1 46	18 16	14 50	18 0	18 16	14 38	0 8	4 40
S 24	11 11	9 42	5 15	1 32	3 25	12 45	1 22	9 51	1 4	1 27	1 9	15 39	2 3	4 30	0 38	16 47	1 46	18 16	14 50	18 1	18 17	14 40	0 7	4 40
S 25	10 51	13 12	5 7	1 49	3 33	12 19	1 22	9 36	1 3	1 31	1 9	15 40	2 2	4 31	0 38	16 47	1 46	18 15	14 50	18 1	18 17	14 42	0 5	4 40
M26	10 30	16 9	4 47	2 4	3 42	11 52	1 23	9 22	1 3	1 36	1 9	15 41	2 2	4 32	0 38	16 47	1 46	18 14	14 50	18 1	18 18	14 43	0 4	4 40
T 27	10 9	18 26	4 14	2 16	3 49	11 26	1 23	9 7	1 3	1 41	1 9	15 42	2 2	4 33	0 38	16 47	1 46	18 13	14 50	18 1	18 19	14 45	0 3	4 40
W28	9 48	19 56	3 30	2 26	3 56	10 59	1 24	8 52	1 3	1 46	1 8	15 43	2 2	4 35	0 38	16 47	1 46	18 12	14 50	18 1	18 20	14 47	0 2	4 40
T 29	9 26	20 33	2 36	2 32	4 3	10 32	1 24	8 38	1 2	1 51	1 8	15 44	2 1	4 36	0 38	16 47	1 46	18 11	14 50	18 0	18 21	14 49	0 1	4 40
F 30	9 5	20 10	1 34	2 36	4 8	10 4	1 24	8 23	1 2	1 55	1 8	15 45	2 1	4 37	0 37	16 47	1 46	18 10	14 50	18 0	18 22	14 51	0 0	4 40
S 31	8n43	18n44	0s25	2s36	4s13	9n37	1n25	8n 8	1n 2	2s 0	1n 8	15s47	2n 1	4s38	0n37	16n46	1s46	18n 9	14n50	17n59	18n22	14n52	0s 1	4n40

Julian Day Number = 2349489.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'23, Lahiri = 19°57'23Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1720
geocentric

SEPTEMBER 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 7	8♍35'29	17♌41	26°R32	9♍59	12♍21	7♎52	19♏53	13♎15	22°R45	18♍32	9°R 9	7♌38	27♉27	19°R 4	S 1
M 2	22 45 4	9°33'42	1♍ 7	26♍10	11°13	12°59	8° 4	19°57	13°18	22♉45	18°35	9♌ 8	7°35	27°34	19♓ 1	M 2
T 3	22 49 0	10°31'58	14°54	25°40	12°28	13°38	8°16	20° 1	13°21	22°45	18°37	9° 5	7°32	27°41	18°59	T 3
W 4	22 52 57	11°30'14	28°58	25° 5	13°42	14°16	8°28	20° 5	13°25	22°44	18°39	9° 0	7°29	27°47	18°56	W 4
T 5	22 56 54	12°28'33	13♎14	24°23	14°57	14°55	8°41	20° 9	13°28	22°44	18°41	8°55	7°26	27°54	18°53	T 5
F 6	23 0 50	13°26'53	27°38	23°36	16°12	15°33	8°53	20°13	13°31	22°44	18°43	8°50	7°22	28° 1	18°50	F 6
S 7	23 4 47	14°25'15	12♏ 4	22°44	17°26	16°12	9° 5	20°17	13°35	22°43	18°46	8°46	7°19	28° 8	18°47	S 7
S 8	23 8 43	15°23'38	26°27	21°48	18°41	16°50	9°18	20°21	13°38	22°43	18°48	8°43	7°16	28°14	18°45	S 8
M 9	23 12 40	16°22'03	10♐43	20°48	19°55	17°29	9°30	20°25	13°42	22°43	18°50	8°D42	7°13	28°21	18°42	M 9
T 10	23 16 36	17°20'30	24°50	19°47	21°10	18° 7	9°43	20°30	13°45	22°42	18°52	8°42	7°10	28°28	18°39	T 10
W11	23 20 33	18°18'58	8♑46	18°44	22°25	18°46	9°55	20°34	13°49	22°42	18°54	8°43	7° 7	28°34	18°36	W11
T 12	23 24 29	19°17'28	22°31	17°43	23°39	19°24	10° 8	20°39	13°52	22°41	18°57	8°44	7° 3	28°41	18°33	T 12
F 13	23 28 26	20°16'00	6♒ 5	16°43	24°54	20° 3	10°20	20°43	13°56	22°40	18°59	8°R45	7° 0	28°48	18°30	F 13
S 14	23 32 23	21°14'33	19°28	15°48	26° 9	20°42	10°33	20°48	13°59	22°40	19° 1	8°45	6°57	28°55	18°27	S 14
S 15	23 36 19	22°13'08	2♓39	14°57	27°23	21°20	10°45	20°53	14° 3	22°39	19° 3	8°42	6°54	29° 1	18°25	S 15
M16	23 40 16	23°11'44	15°38	14°13	28°38	21°59	10°58	20°57	14° 6	22°39	19° 5	8°38	6°51	29° 8	18°22	M16
T 17	23 44 12	24°10'23	28°24	13°36	29°53	22°37	11°11	21° 2	14°10	22°38	19° 8	8°31	6°47	29°15	18°19	T 17
W18	23 48 9	25° 9'03	10♈58	13° 8	1♎ 7	23°16	11°23	21° 7	14°14	22°37	19°10	8°23	6°44	29°21	18°16	W18
T 19	23 52 5	26° 7'46	23°19	12°49	2°22	23°55	11°36	21°12	14°17	22°36	19°12	8°14	6°41	29°28	18°13	T 19
F 20	23 56 2	27° 6'31	5♉30	12°D40	3°37	24°34	11°49	21°17	14°21	22°36	19°14	8° 5	6°38	29°35	18°11	F 20
S 21	23 59 58	28° 5'18	17°30	12°41	4°51	25°12	12° 2	21°22	14°24	22°35	19°16	7°58	6°35	29°42	18° 8	S 21
S 22	0 3 55	29° 4'07	29°24	12°52	6° 6	25°51	12°14	21°27	14°28	22°34	19°18	7°51	6°32	29°48	18° 5	S 22
M23	0 7 51	0♎ 2'59	11♊15	13°13	7°21	26°30	12°27	21°33	14°32	22°33	19°21	7°47	6°28	29°55	18° 2	M23
T 24	0 11 48	1° 1'52	23° 7	13°43	8°36	27° 9	12°40	21°38	14°35	22°32	19°23	7°45	6°25	0♊ 2	17°59	T 24
W25	0 15 45	2° 0'49	5♋ 6	14°23	9°50	27°48	12°53	21°43	14°39	22°31	19°25	7°D45	6°22	0° 8	17°57	W25
T 26	0 19 41	2°59'47	17°15	15°11	11° 5	28°26	13° 6	21°49	14°43	22°30	19°27	7°46	6°19	0°15	17°54	T 26
F 27	0 23 38	3°58'48	29°41	16° 7	12°20	29° 5	13°19	21°54	14°47	22°29	19°29	7°46	6°16	0°22	17°51	F 27
S 28	0 27 34	4°57'51	12♌27	17°11	13°35	29°44	13°32	22° 0	14°50	22°28	19°31	7°R47	6°13	0°29	17°49	S 28
S 29	0 31 31	5°56'56	25°39	18°21	14°50	0♎23	13°45	22° 5	14°54	22°27	19°34	7°45	6° 9	0°35	17°46	S 29
M30	0 35 27	6♎56'03	9♍16	19♍37	16♎ 4	1♎ 2	13♎58	22♏11	14♎58	22♉26	19♍36	7♌41	6♌ 6	0♊42	17♓43	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n22	16n18	0n47	2s32	4s16	9n 9	1n25	7n53	1n 2	2s 5	1n 8	15s48	2n 1	4s40	0n37	16n46	1s46	18n 8	14n50	17n59	18n23	14n54	0s 2	4n40
M 2	8 0	12 55	1 57	2 25	4 18	8 40	1 25	7 38	1 1	2 10	1 8	15 49	2 1	4 41	0 37	16 46	1 46	18 7	14 50	18 0	18 24	14 56	0 3	4 40
T 3	7 38	8 46	3 3	2 14	4 19	8 12	1 25	7 23	1 1	2 15	1 8	15 50	2 0	4 42	0 37	16 46	1 46	18 7	14 50	18 1	18 25	14 58	0 4	4 40
W 4	7 16	4 4	3 59	1 59	4 18	7 43	1 25	7 8	1 1	2 20	1 8	15 52	2 0	4 44	0 37	16 46	1 47	18 6	14 50	18 2	18 26	14 59	0 5	4 40
T 5	6 53	0s56	4 41	1 41	4 15	7 14	1 25	6 53	1 1	2 24	1 8	15 53	2 0	4 45	0 37	16 46	1 47	18 5	14 50	18 3	18 26	15 1	0 6	4 40
F 6	6 31	5 54	5 5	1 18	4 11	6 45	1 25	6 38	1 0	2 29	1 8	15 54	2 0	4 46	0 37	16 46	1 47	18 4	14 50	18 5	18 27	15 3	0 8	4 40
S 7	6 8	10 33	5 10	0 52	4 5	6 16	1 24	6 23	1 0	2 34	1 8	15 55	1 59	4 48	0 37	16 46	1 47	18 3	14 50	18 6	18 28	15 5	0 9	4 40
S 8	5 46	14 35	4 56	0 22	3 57	5 46	1 24	6 7	1 0	2 39	1 7	15 57	1 59	4 49	0 37	16 45	1 47	18 2	14 50	18 6	18 29	15 6	0 10	4 40
M 9	5 23	17 44	4 24	0n10	3 47	5 17	1 24	5 52	0 59	2 44	1 7	15 58	1 59	4 50	0 37	16 45	1 47	18 1	14 50	18 7	18 30	15 8	0 11	4 40
T 10	5 0	19 47	3 36	0 46	3 35	4 47	1 23	5 37	0 59	2 49	1 7	15 59	1 59	4 52	0 37	16 45	1 47	18 1	14 50	18 7	18 31	15 10	0 12	4 40
W11	4 38	20 36	2 36	1 23	3 21	4 17	1 23	5 21	0 59	2 54	1 7	16 1	1 59	4 53	0 37	16 45	1 47	18 0	14 50	18 6	18 31	15 12	0 13	4 40
T 12	4 15	20 10	1 27	2 1	3 5	3 47	1 22	5 6	0 59	2 59	1 7	16 2	1 58	4 54	0 37	16 45	1 47	17 59	14 50	18 6	18 32	15 14	0 15	4 40
F 13	3 52	18 33	0 14	2 40	2 49	3 17	1 22	4 50	0 58	3 4	1 7	16 4	1 58	4 56	0 37	16 45	1 47	17 58	14 50	18 6	18 33	15 15	0 16	4 40
S 14	3 29	15 55	0s58	3 18	2 30	2 46	1 21	4 35	0 58	3 9	1 7	16 5	1 58	4 57	0 37	16 44	1 47	17 57	14 50	18 6	18 34	15 17	0 17	4 40
S 15	3 5	12 30	2 6	3 55	2 11	2 16	1 20	4 19	0 58	3 14	1 7	16 6	1 58	4 59	0 37	16 44	1 47	17 56	14 50	18 7	18 35	15 19	0 18	4 40
M16	2 42	8 32	3 6	4 30	1 52	1 45	1 19	4 4	0 57	3 19	1 7	16 8	1 58	5 0	0 37	16 44	1 47	17 56	14 50	18 8	18 35	15 21	0 19	4 39
T 17	2 19	4 14	3 55	5 3	1 32	1 15	1 18	3 48	0 57	3 24	1 7	16 9	1 57	5 1	0 37	16 44	1 47	17 55	14 50	18 10	18 36	15 22	0 20	4 39
W18	1 56	0n10	4 33	5 32	1 12	0 44	1 18	3 33	0 57	3 29	1 7	16 11	1 57	5 3	0 37	16 43	1 47	17 54	14 51	18 12	18 37	15 24	0 22	4 39
T 19	1 32	4 29	4 57	5 57	0 52	0 14	1 17	3 17	0 57	3 34	1 7	16 12	1 57	5 4	0 37	16 43	1 47	17 53	14 51	18 14	18 38	15 26	0 23	4 39
F 20	1 9	8 33	5 6	6 18	0 33	0s17	1 15	3 1	0 56	3 39	1 7	16 14	1 57	5 6	0 37	16 43	1 47	17 52	14 51	18 16	18 39	15 27	0 24	4 39
S 21	0 46	12 14	5 2	6 35	0 15	0 48	1 14	2 46	0 56	3 44	1 7	16 15	1 57	5 7	0 37	16 43	1 47	17 52	14 51	18 18	18 39	15 29	0 25	4 39
S 22	0 22	15 24	4 46	6 47	0n 3	1 18	1 13	2 30	0 56	3 49	1 7	16 17	1 56	5 9	0 37	16 42	1 47	17 51	14 51	18 20	18 40	15 31	0 26	4 39
M23	0s 1	17 56	4 16	6 54	0 19	1 49	1 12	2 14	0 55	3 54	1 7	16 18	1 56	5 10	0 37	16 42	1 47	17 50	14 51	18 21	18 41	15 33	0 28	4 39
T 24	0 25	19 42	3 36	6 56	0 34	2 20	1 11	1 59	0 55	3 59	1 7	16 20	1 56	5 11	0 37	16 42	1 48	17 50	14 51	18 21	18 42	15 34	0 29	4 39
W25	0 48	20 37	2 46	6 54	0 48	2 50	1 9	1 43	0 55	4 4	1 7	16 21	1 56	5 13	0 37	16 42	1 48	17 49	14 51	18 22	18 43	15 36	0 30	4 38
T 26	1 12	20 35	1 48	6 47	1 1	3 21	1 8	1 27	0 54	4 9	1 6	16 23	1 56	5 14	0 37	16 41	1 48	17 48	14 52	18 21	18 43	15 38	0 31	4 38
F 27	1 35	19 33	0 43	6 35	1 12	3 52	1 7	1 11	0 54	4 15	1 6	16 25	1 56	5 16	0 37	16 41	1 48	17 47	14 52	18 21	18 44	15 40	0 32	4 38
S 28	1 59	17 30	0n25	6 20	1 22	4 22	1 5	0 56	0 54	4 20	1 6	16 26	1 55	5 17	0 37	16 41	1 48	17 47	14 52	18 21	18 45	15 41	0 34	4 38
S 29	2 22	14 28	1 34	6 0	1 30	4 52	1 3	0 40	0 53	4 25	1 6	16 28	1 55	5 19	0 37	16 40	1 48	17 46	14 52	18 21	18 46	15 43	0 35	4 38
M30	2s45	10n34	2n40	5n37	1n38	5s23	1n 2	0n24	0n53	4s30	1n 6	16s29	1n55	5s20	0n37	16n40	1s48	17n45	14n52	18n22	18n46	15n45	0s36	4n38

Julian Day Number = 2349520.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'27, Lahiri = 19°57'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

OCTOBER 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 24	7♎55'13	23♍20	20♍58	17♎19	1♎41	14♎11	22♏17	15♎ 2	22°R25	19♍38	7°R35	6♌ 3	0♊49	17°R41	T 1
W 2	0 43 20	8°54'25	7♎46	22°24	18°34	2°20	14°24	22°23	15° 5	22♉24	19°40	7♌27	6° 0	0°55	17♓38	W 2
T 3	0 47 17	9°53'39	22°29	23°53	19°49	2°59	14°37	22°28	15° 9	22°23	19°42	7°17	5°57	1° 2	17°35	T 3
F 4	0 51 14	10°52'54	7♏21	25°26	21° 4	3°38	14°50	22°34	15°13	22°22	19°44	7° 7	5°53	1° 9	17°33	F 4
S 5	0 55 10	11°52'12	22°12	27° 2	22°18	4°17	15° 3	22°40	15°17	22°21	19°46	6°58	5°50	1°15	17°30	S 5
S 6	0 59 7	12°51'32	6♐55	28°39	23°33	4°57	15°16	22°46	15°20	22°19	19°48	6°52	5°47	1°22	17°28	S 6
M 7	1 3 3	13°50'53	21°24	0♎19	24°48	5°36	15°29	22°52	15°24	22°18	19°50	6°47	5°44	1°29	17°25	M 7
T 8	1 7 0	14°50'17	5♑35	1°59	26° 3	6°15	15°42	22°58	15°28	22°17	19°52	6°45	5°41	1°36	17°23	T 8
W 9	1 10 56	15°49'42	19°27	3°41	27°18	6°54	15°55	23° 4	15°32	22°16	19°54	6°D45	5°38	1°42	17°21	W 9
T 10	1 14 53	16°49'09	3♒ 1	5°24	28°33	7°33	16° 8	23°10	15°36	22°14	19°56	6°R45	5°34	1°49	17°18	T 10
F 11	1 18 49	17°48'37	16°18	7° 7	29°47	8°12	16°21	23°17	15°39	22°13	19°58	6°45	5°31	1°56	17°16	F 11
S 12	1 22 46	18°48'07	29°21	8°50	1♏ 2	8°52	16°34	23°23	15°43	22°12	20° 0	6°43	5°28	2° 2	17°13	S 12
S 13	1 26 43	19°47'39	12♓11	10°34	2°17	9°31	16°47	23°29	15°47	22°10	20° 2	6°38	5°25	2° 9	17°11	S 13
M14	1 30 39	20°47'13	24°51	12°17	3°32	10°10	17° 0	23°36	15°51	22° 9	20° 4	6°31	5°22	2°16	17° 9	M14
T 15	1 34 36	21°46'49	7♈20	14° 1	4°47	10°50	17°13	23°42	15°54	22° 8	20° 6	6°20	5°18	2°23	17° 7	T 15
W16	1 38 32	22°46'27	19°40	15°44	6° 1	11°29	17°26	23°48	15°58	22° 6	20° 8	6° 8	5°15	2°29	17° 5	W16
T 17	1 42 29	23°46'06	1♉51	17°27	7°16	12° 8	17°39	23°55	16° 2	22° 5	20°10	5°54	5°12	2°36	17° 2	T 17
F 18	1 46 25	24°45'48	13°55	19° 9	8°31	12°48	17°52	24° 1	16° 6	22° 3	20°12	5°40	5° 9	2°43	17° 0	F 18
S 19	1 50 22	25°45'32	25°51	20°51	9°46	13°27	18° 5	24° 8	16°10	22° 2	20°14	5°27	5° 6	2°49	16°58	S 19
S 20	1 54 18	26°45'18	7♊43	22°33	11° 1	14° 7	18°18	24°14	16°13	22° 0	20°16	5°17	5° 3	2°56	16°56	S 20
M21	1 58 15	27°45'06	19°32	24°14	12°16	14°46	18°31	24°21	16°17	21°59	20°18	5° 8	4°59	3° 3	16°54	M21
T 22	2 2 12	28°44'57	1♋22	25°55	13°30	15°26	18°44	24°28	16°21	21°57	20°20	5° 3	4°56	3° 9	16°52	T 22
W23	2 6 8	29°44'50	13°18	27°35	14°45	16° 5	18°57	24°34	16°24	21°56	20°21	5° 1	4°53	3°16	16°50	W23
T 24	2 10 5	0♏44'44	25°24	29°15	16° 0	16°45	19°10	24°41	16°28	21°54	20°23	5° 0	4°50	3°23	16°49	T 24
F 25	2 14 1	1°44'41	7♌45	0♏54	17°15	17°24	19°22	24°48	16°32	21°53	20°25	5° 0	4°47	3°30	16°47	F 25
S 26	2 17 58	2°44'41	20°28	2°33	18°30	18° 4	19°35	24°54	16°35	21°51	20°27	4°59	4°44	3°36	16°45	S 26
S 27	2 21 54	3°44'42	3♍36	4°11	19°44	18°44	19°48	25° 1	16°39	21°49	20°28	4°57	4°40	3°43	16°43	S 27
M28	2 25 51	4°44'46	17°12	5°49	20°59	19°23	20° 1	25° 8	16°43	21°48	20°30	4°53	4°37	3°50	16°42	M28
T 29	2 29 47	5°44'51	1♎19	7°26	22°14	20° 3	20°14	25°15	16°46	21°46	20°32	4°45	4°34	3°56	16°40	T 29
W30	2 33 44	6°44'59	15°54	9° 3	23°29	20°43	20°27	25°22	16°50	21°45	20°33	4°36	4°31	4° 3	16°38	W30
T 31	2 37 41	7♏45'08	0♏51	10♏39	24♏44	21♎22	20♎39	25♏29	16♎54	21♉43	20♍35	4♌24	4♌28	4♊10	16♓37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 9	5n59	3n38	5n10	1n44	5s53	1n 0	0n 8	0n53	4s35	1n 6	16s31	1n55	5s22	0n37	16n40	1s48	17n45	14n52	18n24	18n47	15n46	0s37	4n37
W 2	3 32	0 57	4 24	4 41	1 48	6 23	0 59	0s 8	0 52	4 40	1 6	16 33	1 55	5 23	0 37	16 40	1 48	17 44	14 53	18 26	18 48	15 48	0 38	4 37
T 3	3 55	4s13	4 53	4 9	1 52	6 53	0 57	0 24	0 52	4 45	1 6	16 34	1 55	5 25	0 37	16 39	1 48	17 43	14 53	18 29	18 49	15 50	0 39	4 37
F 4	4 19	9 12	5 3	3 34	1 55	7 23	0 55	0 39	0 52	4 50	1 6	16 36	1 54	5 26	0 37	16 39	1 48	17 43	14 53	18 31	18 50	15 52	0 41	4 37
S 5	4 42	13 38	4 53	2 58	1 56	7 52	0 53	0 55	0 51	4 55	1 6	16 37	1 54	5 27	0 37	16 39	1 48	17 42	14 53	18 33	18 50	15 53	0 42	4 37
S 6	5 5	17 11	4 23	2 20	1 57	8 22	0 51	1 11	0 51	5 0	1 6	16 39	1 54	5 29	0 37	16 38	1 48	17 41	14 54	18 35	18 51	15 55	0 43	4 37
M 7	5 28	19 36	3 37	1 40	1 57	8 51	0 49	1 27	0 51	5 5	1 6	16 41	1 54	5 30	0 37	16 38	1 48	17 41	14 54	18 36	18 52	15 57	0 44	4 36
T 8	5 51	20 44	2 38	0 59	1 56	9 20	0 47	1 43	0 50	5 10	1 6	16 42	1 54	5 32	0 37	16 37	1 48	17 40	14 54	18 37	18 53	15 58	0 45	4 36
W 9	6 14	20 34	1 31	0 17	1 55	9 49	0 45	1 59	0 50	5 15	1 6	16 44	1 54	5 33	0 37	16 37	1 48	17 40	14 54	18 37	18 54	16 0	0 46	4 36
T 10	6 37	19 11	0 20	0s25	1 53	10 18	0 43	2 14	0 50	5 20	1 6	16 46	1 53	5 35	0 37	16 37	1 48	17 39	14 55	18 37	18 54	16 2	0 47	4 36
F 11	7 0	16 47	0s50	1 9	1 50	10 46	0 41	2 30	0 49	5 25	1 6	16 47	1 53	5 36	0 37	16 36	1 48	17 39	14 55	18 37	18 55	16 3	0 48	4 36
S 12	7 23	13 32	1 57	1 53	1 47	11 15	0 39	2 46	0 49	5 30	1 6	16 49	1 53	5 38	0 37	16 36	1 48	17 38	14 55	18 37	18 56	16 5	0 50	4 35
S 13	7 45	9 42	2 56	2 37	1 43	11 42	0 37	3 2	0 49	5 35	1 6	16 51	1 53	5 39	0 37	16 36	1 48	17 37	14 55	18 38	18 57	16 7	0 51	4 35
M14	8 8	5 30	3 45	3 21	1 39	12 10	0 35	3 18	0 48	5 40	1 6	16 53	1 53	5 41	0 37	16 35	1 48	17 37	14 56	18 40	18 57	16 9	0 52	4 35
T 15	8 30	1 7	4 23	4 5	1 34	12 37	0 32	3 33	0 48	5 45	1 6	16 54	1 53	5 42	0 37	16 35	1 48	17 36	14 56	18 43	18 58	16 10	0 53	4 35
W16	8 52	3n15	4 48	4 50	1 29	13 4	0 30	3 49	0 47	5 50	1 6	16 56	1 53	5 44	0 37	16 34	1 48	17 36	14 56	18 46	18 59	16 12	0 54	4 35
T 17	9 14	7 27	4 59	5 34	1 24	13 31	0 28	4 5	0 47	5 55	1 6	16 58	1 53	5 45	0 37	16 34	1 48	17 35	14 57	18 49	19 0	16 14	0 55	4 34
F 18	9 36	11 18	4 57	6 18	1 19	13 58	0 26	4 21	0 47	6 0	1 6	16 59	1 52	5 46	0 37	16 34	1 48	17 35	14 57	18 53	19 0	16 15	0 56	4 34
S 19	9 58	14 41	4 42	7 2	1 13	14 24	0 23	4 36	0 46	6 5	1 6	17 1	1 52	5 48	0 37	16 33	1 48	17 35	14 57	18 56	19 1	16 17	0 57	4 34
S 20	10 20	17 27	4 14	7 45	1 7	14 49	0 21	4 52	0 46	6 10	1 6	17 3	1 52	5 49	0 37	16 33	1 48	17 34	14 58	18 59	19 2	16 19	0 58	4 34
M21	10 41	19 29	3 36	8 28	1 1	15 15	0 18	5 8	0 46	6 15	1 6	17 5	1 52	5 51	0 37	16 32	1 49	17 34	14 58	19 1	19 3	16 20	0 59	4 33
T 22	11 3	20 40	2 48	9 11	0 55	15 40	0 16	5 23	0 45	6 20	1 6	17 6	1 52	5 52	0 37	16 32	1 49	17 33	14 58	19 2	19 4	16 22	1 0	4 33
W23	11 24	20 57	1 52	9 53	0 48	16 4	0 14	5 39	0 45	6 25	1 6	17 8	1 52	5 54	0 37	16 32	1 49	17 33	14 59	19 2	19 4	16 24	1 1	4 33
T 24	11 45	20 16	0 51	10 34	0 42	16 28	0 11	5 54	0 44	6 29	1 6	17 10	1 52	5 55	0 37	16 31	1 49	17 32	14 59	19 3	19 5	16 25	1 2	4 33
F 25	12 6	18 36	0n15	11 15	0 35	16 52	0 9	6 10	0 44	6 34	1 6	17 11	1 52	5 56	0 37	16 31	1 49	17 32	14 59	19 3	19 6	16 27	1 3	4 32
S 26	12 27	15 58	1 21	11 55	0 29	17 15	0 6	6 25	0 44	6 39	1 6	17 13	1 51	5 58	0 37	16 30	1 49	17 32	15 0	19 3	19 7	16 29	1 4	4 32
S 27	12 47	12 27	2 25	12 35	0 22	17 38	0 4	6 41	0 43	6 44	1 6	17 15	1 51	5 59	0 37	16 30	1 49	17 31	15 0	19 3	19 7	16 30	1 5	4 32
M28	13 7	8 11	3 23	13 14	0 16	18 1	0 1	6 56	0 43	6 49	1 6	17 17	1 51	6 1	0 37	16 30	1 49	17 31	15 0	19 4	19 8	16 32	1 5	4 32
T 29	13 27	3 19	4 11	13 52	0 9	18 23	0s 1	7 12	0 42	6 54	1 6	17 18	1 51	6 2	0 37	16 29	1 49	17 31	15 1	19 6	19 9	16 33	1 6	4 31
W30	13 47	1s53	4 45	14 30	0 2	18 44	0 4	7 27	0 42	6 58	1 6	17 20	1 51	6 3	0 37	16 29	1 49	17 30	15 1	19 8	19 10	16 35	1 7	4 31
T 31	14s 7	7s 6	5n 0	15s 7	0s 5	19s 5	0s 6	7s42	0n42	7s 3	1n 6	17s22	1n51	6s 5	0n37	16n28	1s49	17n30	15n 2	19n11	19n10	16n37	1s 8	4n31

Julian Day Number = 2349550.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'31, Lahiri = 19°57'31Greg. Calendar

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NOVEMBER 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 37	8♏45'20	16♏ 2	12♏15	25♏59	22♎ 2	20♎52	25♏35	16♎57	21°R41	20♍37	4°R13	4♌24	4♊17	16°R35	F 1
S 2	2 45 34	9°45'33	1♐15	13°51	27°14	22°42	21° 5	25°42	17° 1	21♉40	20°38	4♌ 2	4°21	4°23	16♓34	S 2
S 3	2 49 30	10°45'48	16°20	15°26	28°28	23°22	21°18	25°49	17° 4	21°38	20°40	3°53	4°18	4°30	16°33	S 3
M 4	2 53 27	11°46'05	1♑ 8	17° 1	29°43	24° 2	21°30	25°56	17° 8	21°36	20°41	3°48	4°15	4°37	16°31	M 4
T 5	2 57 23	12°46'23	15°33	18°35	0♐58	24°42	21°43	26° 3	17°11	21°35	20°43	3°45	4°12	4°43	16°30	T 5
W 6	3 1 20	13°46'43	29°33	20°10	2°13	25°22	21°55	26°10	17°15	21°33	20°44	3°D44	4° 9	4°50	16°29	W 6
T 7	3 5 16	14°47'04	13♒ 9	21°43	3°28	26° 2	22° 8	26°17	17°18	21°31	20°46	3°R44	4° 5	4°57	16°28	T 7
F 8	3 9 13	15°47'27	26°22	23°17	4°42	26°41	22°20	26°24	17°22	21°30	20°47	3°43	4° 2	5° 3	16°27	F 8
S 9	3 13 10	16°47'50	9♓15	24°50	5°57	27°21	22°33	26°31	17°25	21°28	20°49	3°41	3°59	5°10	16°26	S 9
S 10	3 17 6	17°48'15	21°53	26°23	7°12	28° 2	22°45	26°38	17°29	21°26	20°50	3°37	3°56	5°17	16°25	S 10
M11	3 21 3	18°48'42	4♈19	27°55	8°27	28°42	22°58	26°46	17°32	21°25	20°52	3°30	3°53	5°24	16°24	M11
T 12	3 24 59	19°49'10	16°34	29°28	9°42	29°22	23°10	26°53	17°35	21°23	20°53	3°20	3°50	5°30	16°23	T 12
W13	3 28 56	20°49'39	28°42	1♗ 0	10°56	0♏ 2	23°22	27° 0	17°39	21°21	20°54	3° 7	3°46	5°37	16°22	W13
T 14	3 32 52	21°50'10	10♉43	2°31	12°11	0°42	23°35	27° 7	17°42	21°20	20°56	2°54	3°43	5°44	16°21	T 14
F 15	3 36 49	22°50'42	22°40	4° 3	13°26	1°22	23°47	27°14	17°45	21°18	20°57	2°40	3°40	5°50	16°20	F 15
S 16	3 40 45	23°51'16	4♊33	5°34	14°41	2° 2	23°59	27°21	17°49	21°16	20°58	2°27	3°37	5°57	16°20	S 16
S 17	3 44 42	24°51'52	16°23	7° 5	15°55	2°43	24°11	27°28	17°52	21°14	20°59	2°17	3°34	6° 4	16°19	S 17
M18	3 48 39	25°52'29	28°13	8°36	17°10	3°23	24°23	27°35	17°55	21°13	21° 0	2° 9	3°30	6°10	16°19	M18
T 19	3 52 35	26°53'07	10♋ 5	10° 7	18°25	4° 3	24°35	27°42	17°58	21°11	21° 2	2° 4	3°27	6°17	16°18	T 19
W20	3 56 32	27°53'48	22° 2	11°37	19°40	4°43	24°47	27°49	18° 1	21° 9	21° 3	2° 1	3°24	6°24	16°18	W20
T 21	4 0 28	28°54'29	4♌ 8	13° 7	20°54	5°24	24°59	27°57	18° 4	21° 8	21° 4	2°D 0	3°21	6°31	16°17	T 21
F 22	4 4 25	29°55'13	16°27	14°36	22° 9	6° 4	25°11	28° 4	18° 8	21° 6	21° 5	2° 1	3°18	6°37	16°17	F 22
S 23	4 8 21	0♐55'58	29° 5	16° 6	23°24	6°45	25°23	28°11	18°11	21° 4	21° 6	2°R 2	3°15	6°44	16°17	S 23
S 24	4 12 18	1°56'44	12♍ 7	17°34	24°39	7°25	25°34	28°18	18°14	21° 3	21° 7	2° 1	3°11	6°51	16°17	S 24
M25	4 16 14	2°57'32	25°35	19° 3	25°53	8° 6	25°46	28°25	18°17	21° 1	21° 8	1°59	3° 8	6°57	16°16	M25
T 26	4 20 11	3°58'22	9♎33	20°31	27° 8	8°46	25°58	28°32	18°19	20°59	21° 9	1°54	3° 5	7° 4	16°16	T 26
W27	4 24 8	4°59'13	24° 0	21°58	28°23	9°27	26° 9	28°39	18°22	20°58	21°10	1°47	3° 2	7°11	16°D16	W27
T 28	4 28 4	6° 0'05	8♏53	23°24	29°37	10° 7	26°21	28°46	18°25	20°56	21°11	1°39	2°59	7°17	16°16	T 28
F 29	4 32 1	7° 0'59	24° 4	24°50	0♑52	10°48	26°32	28°53	18°28	20°54	21°11	1°30	2°55	7°24	16°16	F 29
S 30	4 35 57	8♐ 1'54	9♐24	26♐15	2♑ 7	11♏28	26♎43	29♏ 0	18♎31	20♉53	21♍12	1♌22	2♌52	7♊31	16♓16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s26	11s58	4n54	15s43	0s11	19s25	0s 9	7s58	0n41	7s 8	1n 6	17s23	1n51	6s 6	0n37	16n28	1s49	17n30	15n 2	19n14	19n11	16n38	1s 9	4n30
S 2	14 46	16 5	4 27	16 18	0 18	19 45	0 12	8 13	0 41	7 13	1 7	17 25	1 51	6 7	0 37	16 27	1 49	17 30	15 2	19 17	19 12	16 40	1 10	4 30
S 3	15 5	19 5	3 42	16 53	0 25	20 5	0 14	8 28	0 40	7 17	1 7	17 27	1 51	6 9	0 37	16 27	1 49	17 29	15 3	19 19	19 13	16 42	1 10	4 30
M 4	15 23	20 45	2 43	17 26	0 31	20 23	0 17	8 43	0 40	7 22	1 7	17 29	1 51	6 10	0 37	16 27	1 49	17 29	15 3	19 20	19 13	16 43	1 11	4 30
T 5	15 42	21 0	1 35	17 59	0 38	20 42	0 19	8 58	0 39	7 27	1 7	17 30	1 51	6 12	0 37	16 26	1 49	17 29	15 4	19 21	19 14	16 45	1 12	4 29
W 6	16 0	19 55	0 22	18 31	0 44	20 59	0 22	9 13	0 39	7 31	1 7	17 32	1 50	6 13	0 37	16 26	1 49	17 29	15 4	19 21	19 15	16 47	1 13	4 29
T 7	16 18	17 41	0s50	19 2	0 50	21 16	0 24	9 28	0 39	7 36	1 7	17 34	1 50	6 14	0 37	16 25	1 49	17 28	15 4	19 21	19 16	16 48	1 13	4 29
F 8	16 35	14 35	1 57	19 32	0 57	21 33	0 27	9 43	0 38	7 41	1 7	17 35	1 50	6 15	0 37	16 25	1 49	17 28	15 5	19 21	19 16	16 50	1 14	4 28
S 9	16 53	10 50	2 56	20 1	1 3	21 49	0 29	9 58	0 38	7 45	1 7	17 37	1 50	6 17	0 37	16 24	1 49	17 28	15 5	19 21	19 17	16 51	1 15	4 28
S 10	17 10	6 40	3 46	20 29	1 9	22 4	0 32	10 13	0 37	7 50	1 7	17 39	1 50	6 18	0 37	16 24	1 49	17 28	15 6	19 22	19 18	16 53	1 15	4 28
M11	17 27	2 19	4 23	20 56	1 15	22 19	0 34	10 27	0 37	7 54	1 7	17 40	1 50	6 19	0 37	16 23	1 49	17 28	15 6	19 24	19 19	16 55	1 16	4 28
T 12	17 43	2n 5	4 48	21 22	1 20	22 33	0 37	10 42	0 36	7 59	1 7	17 42	1 50	6 21	0 37	16 23	1 49	17 28	15 7	19 26	19 19	16 56	1 17	4 27
W13	17 59	6 21	5 0	21 47	1 26	22 46	0 39	10 56	0 36	8 3	1 7	17 44	1 50	6 22	0 37	16 23	1 49	17 28	15 7	19 29	19 20	16 58	1 17	4 27
T 14	18 15	10 20	4 58	22 11	1 31	22 59	0 42	11 11	0 35	8 8	1 7	17 45	1 50	6 23	0 37	16 22	1 49	17 27	15 8	19 32	19 21	17 0	1 18	4 27
F 15	18 31	13 54	4 43	22 34	1 37	23 11	0 44	11 25	0 35	8 12	1 7	17 47	1 50	6 24	0 37	16 22	1 49	17 27	15 8	19 36	19 22	17 1	1 18	4 26
S 16	18 46	16 53	4 16	22 56	1 42	23 22	0 47	11 40	0 34	8 16	1 7	17 49	1 50	6 26	0 37	16 21	1 49	17 27	15 9	19 38	19 22	17 3	1 19	4 26
S 17	19 1	19 10	3 38	23 17	1 47	23 32	0 49	11 54	0 34	8 21	1 7	17 50	1 50	6 27	0 37	16 21	1 49	17 27	15 9	19 41	19 23	17 4	1 19	4 26
M18	19 15	20 38	2 50	23 36	1 51	23 42	0 51	12 8	0 33	8 25	1 7	17 52	1 50	6 28	0 37	16 20	1 49	17 27	15 9	19 43	19 24	17 6	1 20	4 25
T 19	19 29	21 12	1 54	23 54	1 56	23 52	0 54	12 22	0 33	8 30	1 8	17 54	1 50	6 29	0 37	16 20	1 49	17 27	15 10	19 44	19 25	17 8	1 20	4 25
W20	19 43	20 48	0 53	24 11	2 0	24 0	0 56	12 36	0 32	8 34	1 8	17 55	1 50	6 30	0 37	16 20	1 49	17 27	15 10	19 44	19 25	17 9	1 21	4 25
T 21	19 57	19 26	0n11	24 27	2 4	24 8	0 58	12 50	0 32	8 38	1 8	17 57	1 50	6 32	0 37	16 19	1 49	17 27	15 11	19 44	19 26	17 11	1 21	4 24
F 22	20 10	17 9	1 16	24 41	2 7	24 15	1 0	13 4	0 31	8 42	1 8	17 59	1 50	6 33	0 37	16 19	1 49	17 27	15 11	19 44	19 27	17 12	1 22	4 24
S 23	20 22	13 59	2 20	24 55	2 10	24 21	1 3	13 18	0 31	8 47	1 8	18 0	1 50	6 34	0 37	16 18	1 49	17 27	15 12	19 44	19 28	17 14	1 22	4 24
S 24	20 35	10 4	3 17	25 6	2 13	24 27	1 5	13 32	0 31	8 51	1 8	18 2	1 49	6 35	0 37	16 18	1 49	17 27	15 12	19 44	19 28	17 15	1 22	4 24
M25	20 47	5 32	4 6	25 17	2 16	24 32	1 7	13 45	0 30	8 55	1 8	18 3	1 49	6 36	0 37	16 17	1 49	17 27	15 13	19 45	19 29	17 17	1 23	4 23
T 26	20 58	0 33	4 43	25 26	2 18	24 36	1 9	13 59	0 29	8 59	1 8	18 5	1 49	6 37	0 37	16 17	1 49	17 28	15 13	19 46	19 30	17 19	1 23	4 23
W27	21 10	4s38	5 3	25 34	2 20	24 39	1 11	14 12	0 29	9 3	1 8	18 7	1 49	6 38	0 37	16 17	1 49	17 28	15 14	19 47	19 31	17 20	1 23	4 23
T 28	21 20	9 41	5 3	25 40	2 21	24 42	1 13	14 25	0 28	9 7	1 8	18 8	1 49	6 39	0 37	16 16	1 49	17 28	15 15	19 49	19 31	17 22	1 24	4 22
F 29	21 31	14 15	4 42	25 45	2 22	24 43	1 15	14 39	0 28	9 11	1 8	18 10	1 49	6 40	0 37	16 16	1 49	17 28	15 15	19 51	19 32	17 23	1 24	4 22
S 30	21s41	17s55	4n 1	25s48	2s23	24s44	1s17	14s52	0n27	9s15	1n 8	18s11	1n49	6s41	0n37	16n15	1s49	17n28	15n16	19n53	19n33	17n25	1s24	4n22

Julian Day Number = 2349581.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'35, Lahiri = 19°57'36Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1720
geocentric

DECEMBER 1720 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 54	9♐ 2'50	24♐41	27♐39	3♑22	12♏ 9	26♎54	29♏ 8	18♎34	20°R51	21♍13	1°R15	2♌49	7♊38	16♓17	S 1
M 2	4 43 50	10° 3'48	9♑43	29° 1	4°36	12°50	27° 6	29°15	18°36	20♉50	21°14	1♌11	2°46	7°44	16°17	M 2
T 3	4 47 47	11° 4'46	24°24	0♑22	5°51	13°30	27°17	29°22	18°39	20°48	21°15	1°D 9	2°43	7°51	16°17	T 3
W 4	4 51 43	12° 5'44	8♒38	1°41	7° 5	14°11	27°28	29°29	18°42	20°47	21°15	1° 9	2°40	7°58	16°18	W 4
T 5	4 55 40	13° 6'43	22°25	2°59	8°20	14°52	27°39	29°36	18°44	20°45	21°16	1°10	2°36	8° 4	16°18	T 5
F 6	4 59 37	14° 7'43	5♓44	4°14	9°35	15°33	27°50	29°43	18°47	20°43	21°16	1°11	2°33	8°11	16°19	F 6
S 7	5 3 33	15° 8'44	18°40	5°26	10°49	16°14	28° 0	29°50	18°49	20°42	21°17	1°R11	2°30	8°18	16°19	S 7
S 8	5 7 30	16° 9'45	1♈16	6°35	12° 4	16°54	28°11	29°57	18°52	20°40	21°18	1°10	2°27	8°24	16°20	S 8
M 9	5 11 26	17°10'46	13°36	7°41	13°19	17°35	28°22	0♐ 3	18°54	20°39	21°18	1° 7	2°24	8°31	16°20	M 9
T 10	5 15 23	18°11'48	25°44	8°42	14°33	18°16	28°32	0°10	18°57	20°38	21°19	1° 1	2°21	8°38	16°21	T 10
W11	5 19 19	19°12'51	7♉44	9°39	15°48	18°57	28°43	0°17	18°59	20°36	21°19	0°54	2°17	8°45	16°22	W11
T 12	5 23 16	20°13'54	19°38	10°30	17° 2	19°38	28°53	0°24	19° 1	20°35	21°19	0°46	2°14	8°51	16°23	T 12
F 13	5 27 12	21°14'58	1♊30	11°15	18°17	20°19	29° 3	0°31	19° 3	20°33	21°20	0°38	2°11	8°58	16°24	F 13
S 14	5 31 9	22°16'02	13°21	11°53	19°31	21° 0	29°13	0°38	19° 6	20°32	21°20	0°31	2° 8	9° 5	16°25	S 14
S 15	5 35 6	23°17'07	25°13	12°23	20°46	21°41	29°23	0°44	19° 8	20°30	21°21	0°25	2° 5	9°11	16°26	S 15
M16	5 39 2	24°18'12	7♋ 7	12°44	22° 0	22°22	29°33	0°51	19°10	20°29	21°21	0°20	2° 1	9°18	16°27	M16
T 17	5 42 59	25°19'18	19° 6	12°56	23°14	23° 4	29°43	0°58	19°12	20°28	21°21	0°18	1°58	9°25	16°28	T 17
W18	5 46 55	26°20'24	1♌11	12°R56	24°29	23°45	29°53	1° 5	19°14	20°26	21°21	0°D17	1°55	9°31	16°29	W18
T 19	5 50 52	27°21'32	13°25	12°46	25°43	24°26	0♏ 3	1°11	19°16	20°25	21°21	0°18	1°52	9°38	16°30	T 19
F 20	5 54 48	28°22'39	25°51	12°24	26°58	25° 7	0°12	1°18	19°18	20°24	21°22	0°19	1°49	9°45	16°32	F 20
S 21	5 58 45	29°23'47	8♍32	11°50	28°12	25°48	0°22	1°24	19°20	20°23	21°22	0°21	1°46	9°52	16°33	S 21
S 22	6 2 41	0♑24'56	21°32	11° 5	29°26	26°30	0°31	1°31	19°22	20°21	21°22	0°22	1°42	9°58	16°34	S 22
M23	6 6 38	1°26'06	4♎54	10° 9	0♒41	27°11	0°40	1°38	19°23	20°20	21°22	0°R23	1°39	10° 5	16°36	M23
T 24	6 10 35	2°27'15	18°40	9° 3	1°55	27°52	0°49	1°44	19°25	20°19	21°R22	0°22	1°36	10°12	16°37	T 24
W25	6 14 31	3°28'26	2♏51	7°50	3° 9	28°34	0°58	1°50	19°27	20°18	21°22	0°19	1°33	10°18	16°39	W25
T 26	6 18 28	4°29'37	17°26	6°32	4°23	29°15	1° 7	1°57	19°28	20°17	21°22	0°16	1°30	10°25	16°40	T 26
F 27	6 22 24	5°30'48	2♐20	5°10	5°38	29°57	1°16	2° 3	19°30	20°16	21°22	0°12	1°27	10°32	16°42	F 27
S 28	6 26 21	6°32'00	17°26	3°49	6°52	0♐38	1°25	2°10	19°31	20°15	21°22	0° 9	1°23	10°38	16°44	S 28
S 29	6 30 17	7°33'12	2♑34	2°30	8° 6	1°20	1°33	2°16	19°33	20°14	21°21	0° 6	1°20	10°45	16°46	S 29
M30	6 34 14	8°34'24	17°36	1°16	9°20	2° 1	1°42	2°22	19°34	20°13	21°21	0° 5	1°17	10°52	16°47	M30
T 31	6 38 10	9♑35'36	2♒21	0♑ 9	10♒34	2♐43	1♏50	2♐28	19♎36	20♉12	21♍21	0°D 4	1♌14	10♊58	16♓49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s50	20s19	3n 3	25s50	2s23	24s45	1s19	15s 5	0n27	9s19	1n 9	18s13	1n49	6s43	0n37	16n15	1s49	17n28	15n16	19n55	19n33	17n26	1s24	4n21
M 2	21 59	21 15	1 53	25 50	2 22	24 44	1 21	15 18	0 26	9 23	1 9	18 14	1 49	6 44	0 37	16 15	1 48	17 28	15 17	19 56	19 34	17 28	1 25	4 21
T 3	22 8	20 40	0 36	25 49	2 21	24 43	1 23	15 30	0 26	9 27	1 9	18 16	1 49	6 45	0 37	16 14	1 48	17 29	15 17	19 56	19 35	17 30	1 25	4 21
W 4	22 16	18 47	0s40	25 47	2 19	24 41	1 24	15 43	0 25	9 31	1 9	18 17	1 49	6 45	0 37	16 14	1 48	17 29	15 18	19 56	19 36	17 31	1 25	4 20
T 5	22 24	15 50	1 52	25 43	2 16	24 38	1 26	15 56	0 25	9 35	1 9	18 19	1 49	6 46	0 37	16 13	1 48	17 29	15 18	19 56	19 36	17 33	1 25	4 20
F 6	22 32	12 9	2 56	25 37	2 13	24 35	1 28	16 8	0 24	9 38	1 9	18 20	1 49	6 47	0 37	16 13	1 48	17 29	15 19	19 55	19 37	17 34	1 25	4 20
S 7	22 39	7 59	3 48	25 31	2 9	24 31	1 29	16 20	0 24	9 42	1 9	18 22	1 49	6 48	0 37	16 13	1 48	17 30	15 19	19 55	19 38	17 36	1 25	4 19
S 8	22 45	3 36	4 28	25 22	2 4	24 26	1 31	16 32	0 23	9 46	1 9	18 23	1 49	6 49	0 38	16 12	1 48	17 30	15 20	19 56	19 39	17 37	1 25	4 19
M 9	22 51	0n51	4 55	25 13	1 58	24 20	1 32	16 45	0 23	9 50	1 9	18 25	1 49	6 50	0 38	16 12	1 48	17 30	15 20	19 56	19 39	17 39	1 25	4 19
T 10	22 57	5 11	5 8	25 2	1 51	24 14	1 33	16 57	0 22	9 53	1 10	18 26	1 49	6 51	0 38	16 12	1 48	17 30	15 21	19 58	19 40	17 40	1 25	4 18
W11	23 2	9 16	5 7	24 50	1 43	24 6	1 35	17 8	0 21	9 57	1 10	18 28	1 49	6 52	0 38	16 11	1 48	17 31	15 21	19 59	19 41	17 42	1 25	4 18
T 12	23 7	12 58	4 53	24 37	1 34	23 58	1 36	17 20	0 21	10 0	1 10	18 29	1 49	6 53	0 38	16 11	1 48	17 31	15 22	20 1	19 41	17 43	1 25	4 18
F 13	23 11	16 9	4 26	24 23	1 24	23 50	1 37	17 32	0 20	10 4	1 10	18 30	1 49	6 54	0 38	16 11	1 48	17 31	15 23	20 3	19 42	17 45	1 25	4 18
S 14	23 15	18 40	3 48	24 9	1 12	23 40	1 38	17 43	0 20	10 7	1 10	18 32	1 49	6 54	0 38	16 10	1 48	17 32	15 23	20 4	19 43	17 46	1 25	4 17
S 15	23 18	20 24	2 59	23 53	1 0	23 30	1 39	17 54	0 19	10 11	1 10	18 33	1 49	6 55	0 38	16 10	1 48	17 32	15 24	20 6	19 44	17 48	1 25	4 17
M16	23 21	21 14	2 3	23 37	0 46	23 20	1 40	18 5	0 19	10 14	1 10	18 34	1 49	6 56	0 38	16 10	1 48	17 32	15 24	20 6	19 44	17 50	1 25	4 17
T 17	23 23	21 7	1 1	23 21	0 30	23 8	1 41	18 16	0 18	10 17	1 11	18 36	1 49	6 57	0 38	16 9	1 48	17 33	15 25	20 7	19 45	17 51	1 25	4 16
W18	23 25	20 0	0n 5	23 4	0 14	22 56	1 42	18 27	0 17	10 21	1 11	18 37	1 49	6 57	0 38	16 9	1 48	17 33	15 25	20 7	19 46	17 53	1 25	4 16
T 19	23 27	17 57	1 11	22 48	0n 4	22 43	1 43	18 38	0 17	10 24	1 11	18 38	1 50	6 58	0 38	16 9	1 48	17 34	15 26	20 7	19 46	17 54	1 24	4 16
F 20	23 28	15 3	2 15	22 32	0 22	22 29	1 44	18 49	0 16	10 27	1 11	18 40	1 50	6 59	0 38	16 8	1 48	17 34	15 26	20 7	19 47	17 56	1 24	4 15
S 21	23 28	11 23	3 14	22 15	0 42	22 15	1 44	18 59	0 16	10 30	1 11	18 41	1 50	7 0	0 38	16 8	1 48	17 35	15 27	20 6	19 48	17 57	1 24	4 15
S 22	23 28	7 7	4 5	22 0	1 1	22 0	1 45	19 9	0 15	10 33	1 11	18 42	1 50	7 0	0 38	16 8	1 48	17 35	15 27	20 6	19 49	17 59	1 24	4 15
M23	23 28	2 24	4 44	21 44	1 21	21 45	1 45	19 19	0 14	10 37	1 11	18 44	1 50	7 1	0 38	16 8	1 48	17 36	15 28	20 6	19 49	18 0	1 23	4 15
T 24	23 27	2s35	5 8	21 30	1 41	21 29	1 46	19 29	0 14	10 40	1 12	18 45	1 50	7 2	0 38	16 7	1 48	17 36	15 29	20 6	19 50	18 2	1 23	4 14
W25	23 26	7 34	5 14	21 16	1 59	21 12	1 46	19 39	0 13	10 43	1 12	18 46	1 50	7 2	0 38	16 7	1 48	17 37	15 29	20 7	19 51	18 3	1 23	4 14
T 26	23 24	12 15	5 0	21 3	2 16	20 55	1 46	19 49	0 13	10 46	1 12	18 47	1 50	7 3	0 38	16 7	1 48	17 37	15 30	20 7	19 51	18 5	1 22	4 14
F 27	23 22	16 18	4 26	20 51	2 32	20 37	1 47	19 58	0 12	10 48	1 12	18 48	1 50	7 3	0 38	16 7	1 48	17 38	15 30	20 8	19 52	18 6	1 22	4 13
S 28	23 19	19 20	3 34	20 40	2 45	20 18	1 47	20 8	0 11	10 51	1 12	18 50	1 50	7 4	0 38	16 6	1 48	17 38	15 31	20 9	19 53	18 8	1 22	4 13
S 29	23 15	21 1	2 26	20 31	2 56	19 59	1 47	20 17	0 11	10 54	1 12	18 51	1 50	7 4	0 38	16 6	1 47	17 39	15 31	20 9	19 53	18 9	1 21	4 13
M30	23 12	21 11	1 8	20 23	3 5	19 40	1 47	20 26	0 10	10 57	1 12	18 52	1 50	7 5	0 38	16 6	1 47	17 39	15 32	20 10	19 54	18 10	1 21	4 13
T 31	23s 8	19s52	0s13	20s18	3n11	19s19	1s47	20s35	0n 9	11s 0	1n13	18s53	1n50	7s 5	0n38	16n 6	1s47	17n40	15n32	20n10	19n55	18n12	1s20	4n12

Julian Day Number = 2349611.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'39, Lahiri = 19°57'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

JANUARY 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 42 7	10♑36'48	16♒45	29°R10	11♒48	3♐24	1♏58	2♐34	19♎37	20°R11	21°R21	0♌ 5	1♌11	11♊ 5	16♓51	W 1
T 2	6 46 4	11°37'59	0♓42	28♐21	13° 2	4° 6	2° 6	2°40	19°38	20♉10	21♍20	0° 6	1° 7	11°12	16°53	T 2
F 3	6 50 0	12°39'10	14°12	27°41	14°16	4°48	2°14	2°46	19°39	20° 9	21°20	0° 8	1° 4	11°19	16°55	F 3
S 4	6 53 57	13°40'20	27°16	27°12	15°30	5°29	2°22	2°52	19°41	20° 8	21°20	0° 9	1° 1	11°25	16°57	S 4
S 5	6 57 53	14°41'30	9♈57	26°53	16°44	6°11	2°30	2°58	19°42	20° 7	21°19	0°R10	0°58	11°32	16°59	S 5
M 6	7 1 50	15°42'40	22°19	26°43	17°58	6°53	2°37	3° 4	19°43	20° 6	21°19	0° 9	0°55	11°39	17° 2	M 6
T 7	7 5 46	16°43'48	4♉27	26°D42	19°12	7°34	2°44	3°10	19°44	20° 5	21°19	0° 9	0°52	11°45	17° 4	T 7
W 8	7 9 43	17°44'57	16°24	26°50	20°26	8°16	2°52	3°16	19°45	20° 5	21°18	0° 7	0°48	11°52	17° 6	W 8
T 9	7 13 39	18°46'05	28°16	27° 6	21°39	8°58	2°59	3°21	19°45	20° 4	21°18	0° 6	0°45	11°59	17° 8	T 9
F 10	7 17 36	19°47'12	10♊ 6	27°28	22°53	9°40	3° 6	3°27	19°46	20° 3	21°17	0° 4	0°42	12° 5	17°11	F 10
S 11	7 21 33	20°48'18	21°57	27°57	24° 7	10°22	3°13	3°33	19°47	20° 3	21°16	0° 3	0°39	12°12	17°13	S 11
S 12	7 25 29	21°49'24	3♋52	28°32	25°20	11° 4	3°19	3°38	19°48	20° 2	21°16	0° 1	0°36	12°19	17°16	S 12
M13	7 29 26	22°50'30	15°54	29°12	26°34	11°46	3°26	3°44	19°48	20° 1	21°15	0° 1	0°33	12°25	17°18	M13
T 14	7 33 22	23°51'35	28° 3	29°57	27°47	12°28	3°32	3°49	19°49	20° 1	21°15	0°D 1	0°29	12°32	17°21	T 14
W15	7 37 19	24°52'39	10♌22	0♑47	29° 1	13°10	3°38	3°54	19°49	20° 0	21°14	0° 1	0°26	12°39	17°23	W15
T 16	7 41 15	25°53'43	22°52	1°40	0♓14	13°52	3°44	4° 0	19°50	20° 0	21°13	0° 1	0°23	12°46	17°26	T 16
F 17	7 45 12	26°54'46	5♍34	2°36	1°27	14°34	3°50	4° 5	19°50	19°59	21°12	0° 1	0°20	12°52	17°28	F 17
S 18	7 49 9	27°55'48	18°30	3°36	2°41	15°16	3°56	4°10	19°51	19°59	21°12	0° 2	0°17	12°59	17°31	S 18
S 19	7 53 5	28°56'50	1♎41	4°39	3°54	15°58	4° 2	4°15	19°51	19°59	21°11	0° 2	0°13	13° 6	17°34	S 19
M20	7 57 2	29°57'52	15° 7	5°44	5° 7	16°40	4° 7	4°20	19°51	19°58	21°10	0°R 2	0°10	13°12	17°37	M20
T 21	8 0 58	0♒58'53	28°50	6°51	6°20	17°22	4°13	4°25	19°51	19°58	21° 9	0°D 2	0° 7	13°19	17°39	T 21
W22	8 4 55	1°59'53	12♏50	8° 1	7°33	18° 4	4°18	4°30	19°52	19°58	21° 8	0° 2	0° 4	13°26	17°42	W22
T 23	8 8 51	3° 0'53	27° 6	9°13	8°46	18°47	4°23	4°35	19°52	19°57	21° 7	0° 2	0° 1	13°32	17°45	T 23
F 24	8 12 48	4° 1'53	11♐35	10°26	9°59	19°29	4°27	4°40	19°R52	19°57	21° 6	0° 2	29♋58	13°39	17°48	F 24
S 25	8 16 44	5° 2'52	26°15	11°41	11°12	20°11	4°32	4°44	19°52	19°57	21° 5	0° 3	29°54	13°46	17°51	S 25
S 26	8 20 41	6° 3'50	10♑59	12°58	12°25	20°54	4°37	4°49	19°52	19°57	21° 4	0° 3	29°51	13°52	17°54	S 26
M27	8 24 38	7° 4'47	25°40	14°16	13°38	21°36	4°41	4°53	19°51	19°57	21° 3	0°R 4	29°48	13°59	17°57	M27
T 28	8 28 34	8° 5'43	10♒13	15°35	14°50	22°18	4°45	4°58	19°51	19°57	21° 2	0° 3	29°45	14° 6	18° 0	T 28
W29	8 32 31	9° 6'38	24°30	16°56	16° 3	23° 1	4°49	5° 2	19°51	19°57	21° 1	0° 3	29°42	14°12	18° 3	W29
T 30	8 36 27	10° 7'32	8♓27	18°17	17°15	23°43	4°53	5° 6	19°51	19°D56	21° 0	0° 2	29°39	14°19	18° 6	T 30
F 31	8 40 24	11♒ 8'24	22♓ 1	19♑40	18♓28	24♐26	4♏56	5♐11	19♎50	19♉57	20♍59	0♌ 0	29♋35	14♊26	18♓ 9	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 3	17s17	1s31	20s14	3n14	18s59	1s46	20s43	0n 9	11s 2	1n13	18s54	1n50	7s 6	0n38	16n 5	1s47	17n40	15n33	20n10	19n56	18n13	1s20	4n12
T 2	22 58	13 45	2 41	20 12	3 16	18 37	1 46	20 52	0 8	11 5	1 13	18 55	1 50	7 6	0 38	16 5	1 47	17 41	15 33	20 9	19 56	18 15	1 19	4 12
F 3	22 52	9 37	3 40	20 12	3 15	18 15	1 46	21 0	0 7	11 7	1 13	18 57	1 50	7 7	0 38	16 5	1 47	17 42	15 34	20 9	19 57	18 16	1 19	4 11
S 4	22 46	5 9	4 26	20 14	3 13	17 53	1 45	21 8	0 7	11 10	1 13	18 58	1 50	7 7	0 38	16 5	1 47	17 42	15 34	20 9	19 58	18 18	1 18	4 11
S 5	22 40	0 36	4 57	20 18	3 9	17 30	1 45	21 16	0 6	11 12	1 13	18 59	1 50	7 7	0 38	16 5	1 47	17 43	15 35	20 9	19 58	18 19	1 18	4 11
M 6	22 33	3n51	5 14	20 23	3 3	17 7	1 44	21 24	0 5	11 15	1 14	19 0	1 50	7 8	0 38	16 5	1 47	17 43	15 35	20 9	19 59	18 21	1 17	4 11
T 7	22 26	8 4	5 16	20 29	2 57	16 43	1 43	21 32	0 5	11 17	1 14	19 1	1 51	7 8	0 38	16 4	1 47	17 44	15 36	20 9	20 0	18 22	1 16	4 10
W 8	22 18	11 55	5 4	20 37	2 50	16 19	1 43	21 39	0 4	11 19	1 14	19 2	1 51	7 8	0 38	16 4	1 47	17 45	15 36	20 9	20 0	18 24	1 16	4 10
T 9	22 9	15 16	4 39	20 45	2 42	15 55	1 42	21 46	0 3	11 22	1 14	19 3	1 51	7 9	0 38	16 4	1 47	17 45	15 37	20 10	20 1	18 25	1 15	4 10
F 10	22 1	18 0	4 3	20 54	2 33	15 30	1 41	21 53	0 3	11 24	1 14	19 4	1 51	7 9	0 38	16 4	1 47	17 46	15 37	20 10	20 2	18 27	1 14	4 10
S 11	21 52	19 58	3 16	21 3	2 24	15 4	1 40	22 0	0 2	11 26	1 15	19 5	1 51	7 9	0 38	16 4	1 47	17 47	15 38	20 10	20 2	18 28	1 14	4 9
S 12	21 42	21 5	2 20	21 13	2 15	14 38	1 39	22 7	0 1	11 28	1 15	19 6	1 51	7 10	0 38	16 4	1 47	17 47	15 38	20 10	20 3	18 29	1 13	4 9
M13	21 32	21 15	1 18	21 23	2 5	14 12	1 37	22 13	0 1	11 30	1 15	19 7	1 51	7 10	0 39	16 4	1 47	17 48	15 39	20 11	20 4	18 31	1 12	4 9
T 14	21 22	20 24	0 11	21 33	1 55	13 46	1 36	22 20	0s 0	11 32	1 15	19 8	1 51	7 10	0 39	16 4	1 47	17 49	15 39	20 11	20 5	18 32	1 12	4 9
W15	21 11	18 35	0n57	21 43	1 46	13 19	1 35	22 26	0 1	11 34	1 15	19 8	1 51	7 10	0 39	16 3	1 47	17 50	15 40	20 11	20 5	18 34	1 11	4 8
T 16	21 0	15 52	2 4	21 52	1 36	12 52	1 33	22 31	0 2	11 36	1 15	19 9	1 51	7 10	0 39	16 3	1 46	17 50	15 40	20 11	20 6	18 35	1 10	4 8
F 17	20 48	12 21	3 5	22 1	1 26	12 24	1 32	22 37	0 2	11 38	1 16	19 10	1 51	7 10	0 39	16 3	1 46	17 51	15 41	20 11	20 7	18 37	1 9	4 8
S 18	20 36	8 12	3 58	22 9	1 16	11 56	1 30	22 43	0 3	11 40	1 16	19 11	1 51	7 11	0 39	16 3	1 46	17 52	15 41	20 10	20 7	18 38	1 8	4 8
S 19	20 24	3 37	4 40	22 17	1 6	11 28	1 28	22 48	0 4	11 41	1 16	19 12	1 52	7 11	0 39	16 3	1 46	17 53	15 42	20 10	20 8	18 39	1 8	4 7
M20	20 11	1s14	5 7	22 24	0 57	10 59	1 27	22 53	0 5	11 43	1 16	19 13	1 52	7 11	0 39	16 3	1 46	17 53	15 42	20 10	20 9	18 41	1 7	4 7
T 21	19 58	6 7	5 18	22 30	0 47	10 31	1 25	22 58	0 5	11 45	1 16	19 14	1 52	7 11	0 39	16 3	1 46	17 54	15 43	20 10	20 9	18 42	1 6	4 7
W22	19 45	10 47	5 10	22 36	0 38	10 2	1 23	23 2	0 6	11 46	1 17	19 14	1 52	7 11	0 39	16 3	1 46	17 55	15 43	20 10	20 10	18 44	1 5	4 7
T 23	19 31	14 57	4 43	22 40	0 29	9 32	1 21	23 7	0 7	11 48	1 17	19 15	1 52	7 11	0 39	16 3	1 46	17 56	15 44	20 10	20 11	18 45	1 4	4 6
F 24	19 17	18 17	3 58	22 44	0 20	9 3	1 19	23 11	0 8	11 49	1 17	19 16	1 52	7 11	0 39	16 3	1 46	17 56	15 44	20 10	20 11	18 46	1 3	4 6
S 25	19 2	20 28	2 57	22 47	0 11	8 33	1 16	23 15	0 8	11 50	1 17	19 17	1 52	7 11	0 39	16 3	1 46	17 57	15 44	20 10	20 12	18 48	1 2	4 6
S 26	18 47	21 17	1 44	22 48	0 2	8 3	1 14	23 19	0 9	11 52	1 17	19 17	1 52	7 11	0 39	16 3	1 46	17 58	15 45	20 10	20 13	18 49	1 1	4 6
M27	18 32	20 38	0 24	22 49	0s 6	7 33	1 12	23 22	0 10	11 53	1 18	19 18	1 52	7 11	0 39	16 3	1 46	17 59	15 45	20 10	20 13	18 51	1 0	4 6
T 28	18 16	18 37	0s56	22 48	0 14	7 3	1 9	23 26	0 11	11 54	1 18	19 19	1 53	7 10	0 39	16 3	1 46	18 0	15 46	20 10	20 14	18 52	0 59	4 5
W29	18 0	15 26	2 12	22 46	0 22	6 32	1 7	23 29	0 11	11 55	1 18	19 19	1 53	7 10	0 39	16 3	1 46	18 0	15 46	20 10	20 15	18 53	0 58	4 5
T 30	17 44	11 27	3 17	22 43	0 30	6 2	1 4	23 32	0 12	11 56	1 18	19 20	1 53	7 10	0 39	16 3	1 46	18 1	15 46	20 10	20 15	18 55	0 57	4 5
F 31	17s27	7s 0	4s10	22s39	0s37	5s31	1s 2	23s34	0s13	11s57	1n18	19s21	1n53	7s10	0n39	16n 3	1s46	18n 2	15n47	20n11	20n16	18n56	0s56	4n 5

Julian Day Number = 2349642.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'44, Lahiri = 19°57'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

FEBRUARY 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 20	12♒ 9'15	5♈12	21♑ 4	19♓40	25♐ 8	5♏ 0	5♐15	19°R50	19♉57	20°R58	29°R59	29♋32	14♊32	18♓12	S 1
S 2	8 48 17	13°10'05	17°59	22°29	20°52	25°51	5° 3	5°19	19♎49	19°57	20♍56	29♋57	29°29	14°39	18°16	S 2
M 3	8 52 13	14°10'53	0♉26	23°55	22° 5	26°33	5° 6	5°23	19°49	19°57	20°55	29°56	29°26	14°46	18°19	M 3
T 4	8 56 10	15°11'40	12°36	25°22	23°17	27°16	5° 9	5°27	19°48	19°57	20°54	29°D56	29°23	14°53	18°22	T 4
W 5	9 0 7	16°12'25	24°35	26°50	24°29	27°58	5°12	5°30	19°48	19°57	20°53	29°56	29°19	14°59	18°25	W 5
T 6	9 4 3	17°13'09	6♊27	28°18	25°41	28°41	5°14	5°34	19°47	19°57	20°52	29°57	29°16	15° 6	18°29	T 6
F 7	9 8 0	18°13'51	18°17	29°48	26°52	29°24	5°17	5°38	19°46	19°58	20°50	29°58	29°13	15°13	18°32	F 7
S 8	9 11 56	19°14'31	0♋ 9	1♒19	28° 4	0♑ 6	5°19	5°41	19°45	19°58	20°49	29°59	29°10	15°19	18°35	S 8
S 9	9 15 53	20°15'10	12° 7	2°50	29°16	0°49	5°21	5°45	19°45	19°58	20°48	0♌ 1	29° 7	15°26	18°39	S 9
M10	9 19 49	21°15'47	24°15	4°22	0♈27	1°32	5°23	5°48	19°44	19°59	20°46	0°R 2	29° 4	15°33	18°42	M10
T 11	9 23 46	22°16'23	6♌36	5°56	1°39	2°15	5°24	5°51	19°43	19°59	20°45	0° 2	29° 0	15°39	18°46	T 11
W12	9 27 42	23°16'57	19°11	7°30	2°50	2°57	5°26	5°55	19°42	19°59	20°44	0° 1	28°57	15°46	18°49	W12
T 13	9 31 39	24°17'29	2♍ 2	9° 5	4° 1	3°40	5°27	5°58	19°41	20° 0	20°42	29♋58	28°54	15°53	18°53	T 13
F 14	9 35 36	25°18'00	15° 7	10°40	5°12	4°23	5°28	6° 1	19°40	20° 0	20°41	29°55	28°51	15°59	18°56	F 14
S 15	9 39 32	26°18'30	28°27	12°17	6°23	5° 6	5°29	6° 4	19°38	20° 1	20°39	29°51	28°48	16° 6	19° 0	S 15
S 16	9 43 29	27°18'58	12♎ 0	13°55	7°34	5°49	5°30	6° 6	19°37	20° 2	20°38	29°47	28°45	16°13	19° 3	S 16
M17	9 47 25	28°19'24	25°43	15°33	8°45	6°32	5°30	6° 9	19°36	20° 2	20°36	29°43	28°41	16°19	19° 7	M17
T 18	9 51 22	29°19'50	9♏37	17°13	9°55	7°15	5°30	6°12	19°35	20° 3	20°35	29°40	28°38	16°26	19°10	T 18
W19	9 55 18	0♓20'14	23°38	18°54	11° 6	7°58	5°R31	6°14	19°33	20° 3	20°33	29°39	28°35	16°33	19°14	W19
T 20	9 59 15	1°20'36	7♐45	20°35	12°16	8°41	5°31	6°17	19°32	20° 4	20°32	29°D39	28°32	16°39	19°18	T 20
F 21	10 3 11	2°20'58	21°57	22°17	13°26	9°24	5°30	6°19	19°31	20° 5	20°30	29°40	28°29	16°46	19°21	F 21
S 22	10 7 8	3°21'18	6♑13	24° 1	14°36	10° 7	5°30	6°21	19°29	20° 6	20°29	29°41	28°25	16°53	19°25	S 22
S 23	10 11 4	4°21'36	20°28	25°45	15°46	10°50	5°29	6°23	19°28	20° 6	20°27	29°42	28°22	16°59	19°28	S 23
M24	10 15 1	5°21'53	4♒41	27°31	16°56	11°33	5°28	6°26	19°26	20° 7	20°26	29°R43	28°19	17° 6	19°32	M24
T 25	10 18 58	6°22'08	18°48	29°17	18° 6	12°16	5°27	6°28	19°24	20° 8	20°24	29°41	28°16	17°13	19°36	T 25
W26	10 22 54	7°22'22	2♓44	1♈ 5	19°16	12°59	5°26	6°29	19°23	20° 9	20°23	29°38	28°13	17°20	19°39	W26
T 27	10 26 51	8°22'33	16°27	2°53	20°25	13°42	5°25	6°31	19°21	20°10	20°21	29°32	28°10	17°26	19°43	T 27
F 28	10 30 47	9♓22'43	29♓53	4♈43	21♈34	14♑25	5♏23	6♐33	19♎19	20♉11	20♍20	29♋26	28♋ 6	17♊33	19♓47	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s11	2s20	4s48	22s33	0s45	5s 0	0s59	23s37	0s14	11s58	1n19	19s21	1n53	7s10	0n39	16n 3	1s45	18n 3	15n47	20n11	20n17	18n57	0s55	4n 5
S 2	16 53	2n17	5 10	22 27	0 52	4 29	0 56	23 39	0 15	11 59	1 19	19 22	1 53	7 10	0 39	16 4	1 45	18 4	15 48	20 11	20 17	18 59	0 54	4 4
M 3	16 36	6 42	5 17	22 19	0 58	3 58	0 53	23 41	0 15	12 0	1 19	19 22	1 53	7 9	0 39	16 4	1 45	18 4	15 48	20 12	20 18	19 0	0 53	4 4
T 4	16 18	10 44	5 9	22 10	1 5	3 27	0 50	23 43	0 16	12 1	1 19	19 23	1 53	7 9	0 39	16 4	1 45	18 5	15 48	20 12	20 19	19 2	0 52	4 4
W 5	16 0	14 17	4 48	21 59	1 11	2 55	0 47	23 45	0 17	12 1	1 20	19 23	1 53	7 9	0 39	16 4	1 45	18 6	15 49	20 12	20 19	19 3	0 51	4 4
T 6	15 42	17 14	4 15	21 47	1 17	2 24	0 44	23 46	0 18	12 2	1 20	19 24	1 54	7 9	0 39	16 4	1 45	18 7	15 49	20 11	20 20	19 4	0 50	4 4
F 7	15 23	19 27	3 31	21 34	1 23	1 52	0 41	23 47	0 19	12 3	1 20	19 25	1 54	7 8	0 39	16 4	1 45	18 8	15 49	20 11	20 21	19 6	0 48	4 3
S 8	15 4	20 51	2 38	21 20	1 28	1 21	0 38	23 48	0 19	12 3	1 20	19 25	1 54	7 8	0 39	16 4	1 45	18 8	15 50	20 11	20 21	19 7	0 47	4 3
S 9	14 45	21 18	1 37	21 4	1 33	0 49	0 34	23 49	0 20	12 4	1 20	19 25	1 54	7 8	0 39	16 4	1 45	18 9	15 50	20 11	20 22	19 8	0 46	4 3
M10	14 26	20 46	0 32	20 47	1 38	0 18	0 31	23 49	0 21	12 4	1 21	19 26	1 54	7 7	0 39	16 5	1 45	18 10	15 50	20 10	20 23	19 10	0 45	4 3
T 11	14 6	19 14	0n36	20 28	1 42	0n14	0 28	23 49	0 22	12 4	1 21	19 26	1 54	7 7	0 39	16 5	1 45	18 11	15 51	20 10	20 23	19 11	0 44	4 3
W12	13 47	16 44	1 44	20 8	1 46	0 45	0 24	23 49	0 23	12 5	1 21	19 27	1 54	7 6	0 39	16 5	1 45	18 12	15 51	20 11	20 24	19 12	0 43	4 3
T 13	13 27	13 22	2 47	19 47	1 50	1 17	0 21	23 49	0 24	12 5	1 21	19 27	1 55	7 6	0 39	16 5	1 45	18 13	15 51	20 11	20 25	19 14	0 41	4 2
F 14	13 6	9 18	3 43	19 24	1 53	1 48	0 17	23 49	0 24	12 5	1 21	19 28	1 55	7 6	0 39	16 5	1 45	18 13	15 52	20 12	20 25	19 15	0 40	4 2
S 15	12 46	4 43	4 28	19 0	1 57	2 20	0 13	23 48	0 25	12 5	1 22	19 28	1 55	7 5	0 39	16 5	1 45	18 14	15 52	20 13	20 26	19 16	0 39	4 2
S 16	12 25	0s10	4 58	18 35	1 59	2 51	0 10	23 47	0 26	12 5	1 22	19 28	1 55	7 5	0 39	16 6	1 45	18 15	15 52	20 14	20 27	19 18	0 38	4 2
M17	12 4	5 6	5 12	18 8	2 2	3 23	0 6	23 46	0 27	12 5	1 22	19 29	1 55	7 4	0 40	16 6	1 44	18 16	15 52	20 14	20 27	19 19	0 36	4 2
T 18	11 43	9 50	5 9	17 40	2 4	3 54	0 2	23 44	0 28	12 5	1 22	19 29	1 55	7 4	0 40	16 6	1 44	18 17	15 53	20 15	20 28	19 20	0 35	4 2
W19	11 22	14 5	4 46	17 10	2 5	4 25	0n 2	23 43	0 29	12 5	1 22	19 29	1 55	7 3	0 40	16 6	1 44	18 17	15 53	20 15	20 28	19 22	0 34	4 2
T 20	11 1	17 35	4 7	16 39	2 6	4 56	0 6	23 41	0 30	12 5	1 23	19 29	1 56	7 3	0 40	16 7	1 44	18 18	15 53	20 15	20 29	19 23	0 33	4 1
F 21	10 39	20 2	3 12	16 6	2 7	5 27	0 9	23 39	0 31	12 4	1 23	19 30	1 56	7 2	0 40	16 7	1 44	18 19	15 53	20 15	20 30	19 24	0 31	4 1
S 22	10 17	21 15	2 5	15 32	2 8	5 58	0 13	23 37	0 31	12 4	1 23	19 30	1 56	7 1	0 40	16 7	1 44	18 20	15 54	20 15	20 30	19 26	0 30	4 1
S 23	9 56	21 5	0 50	14 57	2 7	6 29	0 18	23 34	0 32	12 4	1 23	19 30	1 56	7 1	0 40	16 7	1 44	18 21	15 54	20 15	20 31	19 27	0 29	4 1
M24	9 33	19 34	0s27	14 20	2 7	7 0	0 22	23 31	0 33	12 3	1 24	19 30	1 56	7 0	0 40	16 8	1 44	18 21	15 54	20 14	20 32	19 28	0 27	4 1
T 25	9 11	16 50	1 42	13 42	2 6	7 30	0 26	23 28	0 34	12 3	1 24	19 31	1 56	7 0	0 40	16 8	1 44	18 22	15 54	20 15	20 32	19 29	0 26	4 1
W26	8 49	13 9	2 50	13 3	2 5	8 1	0 30	23 25	0 35	12 2	1 24	19 31	1 56	6 59	0 40	16 8	1 44	18 23	15 54	20 16	20 33	19 31	0 25	4 1
T 27	8 26	8 50	3 47	12 22	2 3	8 31	0 34	23 22	0 36	12 1	1 24	19 31	1 57	6 58	0 40	16 9	1 44	18 24	15 54	20 17	20 34	19 32	0 23	4 1
F 28	8s 4	4s10	4s30	11s40	2s 0	9n 1	0n38	23s18	0s37	12s 1	1n24	19s31	1n57	6s58	0n40	16n 9	1s44	18n25	15n55	20n18	20n34	19n33	0s22	4n 1

Julian Day Number = 2349673.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'48, Lahiri = 19°57'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

MARCH 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 44	10♓22'51	12♈59	6♓34	22♈43	15♉ 9	5°R21	6♐34	19°R18	20♉12	20°R18	29°R19	28♋ 3	17♊40	19♓51	S 1
S 2	10 38 40	11°22'57	25°46	8°25	23°52	15°52	5♏19	6°36	19♎16	20°13	20♍16	29♋11	28° 0	17°46	19°54	S 2
M 3	10 42 37	12°23'00	8♉14	10°18	25° 1	16°35	5°17	6°37	19°14	20°14	20°15	29° 5	27°57	17°53	19°58	M 3
T 4	10 46 33	13°23'02	20°26	12°12	26°10	17°18	5°15	6°38	19°12	20°15	20°13	29° 1	27°54	18° 0	20° 2	T 4
W 5	10 50 30	14°23'02	2♊26	14° 7	27°18	18° 2	5°13	6°40	19°10	20°16	20°12	28°58	27°50	18° 6	20° 6	W 5
T 6	10 54 27	15°22'59	14°18	16° 2	28°27	18°45	5°10	6°41	19° 8	20°17	20°10	28°D57	27°47	18°13	20° 9	T 6
F 7	10 58 23	16°22'54	26° 8	17°59	29°35	19°28	5° 7	6°42	19° 6	20°19	20° 8	28°57	27°44	18°20	20°13	F 7
S 8	11 2 20	17°22'47	8♋ 0	19°56	0♌43	20°12	5° 4	6°43	19° 4	20°20	20° 7	28°59	27°41	18°26	20°17	S 8
S 9	11 6 16	18°22'38	20° 0	21°54	1°50	20°55	5° 1	6°43	19° 2	20°21	20° 5	29° 0	27°38	18°33	20°20	S 9
M10	11 10 13	19°22'26	2♎12	23°52	2°58	21°38	4°57	6°44	19° 0	20°22	20° 4	29°R 0	27°35	18°40	20°24	M10
T 11	11 14 9	20°22'13	14°41	25°51	4° 5	22°22	4°54	6°45	18°58	20°24	20° 2	28°59	27°31	18°46	20°28	T 11
W12	11 18 6	21°21'57	27°29	27°50	5°12	23° 5	4°50	6°45	18°56	20°25	20° 0	28°55	27°28	18°53	20°32	W12
T 13	11 22 2	22°21'39	10♍37	29°50	6°19	23°49	4°46	6°45	18°53	20°26	19°59	28°49	27°25	19° 0	20°35	T 13
F 14	11 25 59	23°21'19	24° 5	1♈48	7°26	24°32	4°42	6°46	18°51	20°28	19°57	28°41	27°22	19° 6	20°39	F 14
S 15	11 29 56	24°20'57	7♎52	3°47	8°32	25°16	4°38	6°46	18°49	20°29	19°55	28°32	27°19	19°13	20°43	S 15
S 16	11 33 52	25°20'33	21°53	5°44	9°39	25°59	4°34	6°R46	18°47	20°30	19°54	28°23	27°16	19°20	20°47	S 16
M17	11 37 49	26°20'07	6♏ 3	7°41	10°45	26°43	4°29	6°46	18°44	20°32	19°52	28°14	27°12	19°26	20°50	M17
T 18	11 41 45	27°19'39	20°18	9°36	11°50	27°26	4°24	6°46	18°42	20°33	19°51	28° 7	27° 9	19°33	20°54	T 18
W19	11 45 42	28°19'10	4♐34	11°29	12°56	28°10	4°19	6°46	18°40	20°35	19°49	28° 2	27° 6	19°40	20°58	W19
T 20	11 49 38	29°18'39	18°47	13°20	14° 1	28°53	4°14	6°45	18°37	20°36	19°47	28° 0	27° 3	19°46	21° 2	T 20
F 21	11 53 35	0♈18'06	2♑55	15° 7	15° 6	29°37	4° 9	6°45	18°35	20°38	19°46	27°D59	27° 0	19°53	21° 5	F 21
S 22	11 57 31	1°17'31	16°57	16°52	16°11	0♒20	4° 4	6°44	18°33	20°40	19°44	28° 0	26°56	20° 0	21° 9	S 22
S 23	12 1 28	2°16'55	0♒52	18°33	17°15	1° 4	3°59	6°44	18°30	20°41	19°43	28°R 0	26°53	20° 6	21°13	S 23
M24	12 5 25	3°16'17	14°40	20°10	18°20	1°48	3°53	6°43	18°28	20°43	19°41	27°59	26°50	20°13	21°16	M24
T 25	12 9 21	4°15'37	28°20	21°43	19°24	2°31	3°47	6°42	18°25	20°44	19°40	27°56	26°47	20°20	21°20	T 25
W26	12 13 18	5°14'55	11♓51	23°11	20°27	3°15	3°41	6°41	18°23	20°46	19°38	27°49	26°44	20°26	21°24	W26
T 27	12 17 14	6°14'11	25°11	24°33	21°31	3°59	3°35	6°40	18°20	20°48	19°36	27°40	26°41	20°33	21°27	T 27
F 28	12 21 11	7°13'25	8♈18	25°51	22°34	4°42	3°29	6°39	18°18	20°50	19°35	27°29	26°37	20°40	21°31	F 28
S 29	12 25 7	8°12'37	21°11	27° 2	23°37	5°26	3°23	6°38	18°15	20°51	19°33	27°17	26°34	20°46	21°35	S 29
S 30	12 29 4	9°11'47	3♉48	28° 7	24°39	6°10	3°17	6°37	18°13	20°53	19°32	27° 4	26°31	20°53	21°38	S 30
M31	12 33 0	10♈10'54	16♉11	29♈ 7	25♉41	6♒53	3♏10	6♐35	18♎10	20♉55	19♍30	26♋53	26♋28	21♊ 0	21♓42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s41	0n34	4s57	10s56	1s57	9n31	0n42	23s14	0s38	12s 0	1n25	19s31	1n57	6s57	0n40	16n 9	1s44	18n25	15n55	20n20	20n35	19n35	0s21	4n 0
S 2	7 18	5 10	5 9	10 11	1 54	10 0	0 47	23 10	0 39	11 59	1 25	19 31	1 57	6 56	0 40	16 10	1 44	18 26	15 55	20 21	20 36	19 36	0 19	4 0
M 3	6 55	9 27	5 5	9 25	1 50	10 29	0 51	23 6	0 40	11 58	1 25	19 31	1 57	6 56	0 40	16 10	1 44	18 27	15 55	20 22	20 36	19 37	0 18	4 0
T 4	6 32	13 15	4 48	8 37	1 46	10 59	0 55	23 1	0 41	11 57	1 25	19 31	1 57	6 55	0 40	16 10	1 44	18 28	15 55	20 23	20 37	19 38	0 16	4 0
W 5	6 9	16 27	4 18	7 48	1 41	11 27	1 0	22 57	0 42	11 56	1 25	19 31	1 57	6 54	0 40	16 11	1 44	18 28	15 55	20 24	20 37	19 40	0 15	4 0
T 6	5 46	18 57	3 38	6 58	1 35	11 56	1 4	22 52	0 42	11 55	1 25	19 32	1 58	6 53	0 40	16 11	1 43	18 29	15 55	20 24	20 38	19 41	0 14	4 0
F 7	5 23	20 37	2 48	6 7	1 29	12 24	1 8	22 46	0 43	11 54	1 26	19 32	1 58	6 53	0 40	16 11	1 43	18 30	15 56	20 24	20 39	19 42	0 12	4 0
S 8	5 0	21 23	1 51	5 15	1 22	12 52	1 13	22 41	0 44	11 53	1 26	19 32	1 58	6 52	0 40	16 12	1 43	18 31	15 56	20 24	20 39	19 43	0 11	4 0
S 9	4 36	21 11	0 48	4 22	1 15	13 20	1 17	22 35	0 45	11 52	1 26	19 32	1 58	6 51	0 40	16 12	1 43	18 31	15 56	20 23	20 40	19 45	0 9	4 0
M10	4 13	19 59	0n17	3 28	1 7	13 48	1 22	22 30	0 46	11 50	1 26	19 31	1 58	6 50	0 40	16 12	1 43	18 32	15 56	20 23	20 41	19 46	0 8	4 0
T 11	3 49	17 47	1 23	2 33	0 59	14 15	1 26	22 23	0 47	11 49	1 26	19 31	1 58	6 49	0 40	16 13	1 43	18 33	15 56	20 24	20 41	19 47	0 7	4 0
W12	3 26	14 40	2 27	1 37	0 50	14 42	1 30	22 17	0 48	11 48	1 27	19 31	1 58	6 48	0 40	16 13	1 43	18 33	15 56	20 24	20 42	19 48	0 5	4 0
T 13	3 2	10 45	3 24	0 41	0 40	15 8	1 35	22 11	0 49	11 46	1 27	19 31	1 59	6 48	0 40	16 14	1 43	18 34	15 56	20 26	20 42	19 50	0 4	3 59
F 14	2 39	6 12	4 12	0n16	0 30	15 34	1 39	22 4	0 50	11 45	1 27	19 31	1 59	6 47	0 40	16 14	1 43	18 35	15 56	20 27	20 43	19 51	0 2	3 59
S 15	2 15	1 15	4 46	1 12	0 20	16 0	1 44	21 57	0 51	11 43	1 27	19 31	1 59	6 46	0 40	16 15	1 43	18 35	15 56	20 29	20 44	19 52	0 1	3 59
S 16	1 51	3s51	5 3	2 9	0 9	16 26	1 48	21 50	0 52	11 41	1 27	19 31	1 59	6 45	0 40	16 15	1 43	18 36	15 56	20 31	20 44	19 53	0n 0	3 59
M17	1 28	8 48	5 2	3 6	0n 3	16 51	1 52	21 43	0 53	11 40	1 27	19 31	1 59	6 44	0 40	16 15	1 43	18 37	15 56	20 33	20 45	19 54	0 2	3 59
T 18	1 4	13 18	4 43	4 2	0 14	17 16	1 57	21 35	0 54	11 38	1 27	19 31	1 59	6 43	0 40	16 16	1 43	18 37	15 56	20 34	20 46	19 56	0 3	3 59
W19	0 40	17 4	4 6	4 57	0 26	17 40	2 1	21 27	0 55	11 36	1 28	19 30	1 59	6 42	0 40	16 16	1 43	18 38	15 56	20 35	20 46	19 57	0 5	3 59
T 20	0 16	19 47	3 13	5 51	0 38	18 4	2 6	21 19	0 56	11 35	1 28	19 30	2 0	6 41	0 40	16 17	1 43	18 39	15 56	20 36	20 47	19 58	0 6	3 59
F 21	0n 7	21 17	2 10	6 45	0 51	18 28	2 10	21 11	0 57	11 33	1 28	19 30	2 0	6 41	0 40	16 17	1 43	18 39	15 56	20 36	20 47	19 59	0 8	3 59
S 22	0 31	21 26	0 59	7 36	1 3	18 51	2 14	21 3	0 58	11 31	1 28	19 30	2 0	6 40	0 40	16 18	1 43	18 40	15 56	20 36	20 48	20 0	0 9	3 59
S 23	0 55	20 15	0s15	8 26	1 15	19 13	2 18	20 54	0 59	11 29	1 28	19 30	2 0	6 39	0 40	16 18	1 43	18 40	15 56	20 35	20 49	20 2	0 10	3 59
M24	1 18	17 51	1 28	9 14	1 27	19 36	2 23	20 46	1 0	11 27	1 28	19 29	2 0	6 38	0 40	16 19	1 43	18 41	15 56	20 36	20 49	20 3	0 12	3 59
T 25	1 42	14 29	2 34	10 0	1 39	19 57	2 27	20 37	1 1	11 25	1 28	19 29	2 0	6 37	0 40	16 19	1 42	18 42	15 56	20 36	20 50	20 4	0 13	3 59
W26	2 5	10 22	3 31	10 44	1 51	20 19	2 31	20 28	1 2	11 23	1 28	19 29	2 0	6 36	0 40	16 20	1 42	18 42	15 56	20 38	20 50	20 5	0 15	3 59
T 27	2 29	5 49	4 15	11 25	2 2	20 40	2 35	20 18	1 3	11 21	1 29	19 28	2 1	6 35	0 40	16 20	1 42	18 43	15 56	20 39	20 51	20 6	0 16	3 59
F 28	2 52	1 4	4 45	12 3	2 12	21 0	2 39	20 9	1 4	11 18	1 29	19 28	2 1	6 34	0 40	16 21	1 42	18 43	15 55	20 42	20 52	20 8	0 18	3 59
S 29	3 16	3n38	5 0	12 38	2 22	21 20	2 43	19 59	1 5	11 16	1 29	19 28	2 1	6 33	0 40	16 21	1 42	18 44	15 55	20 44	20 52	20 9	0 19	3 59
S 30	3 39	8 6	5 0	13 11	2 31	21 40	2 47	19 49	1 6	11 14	1 29	19 27	2 1	6 32	0 40	16 22	1 42	18 44	15 55	20 47	20 53	20 10	0 20	3 59
M31	4n 2	12n 9	4s45	13n40	2n40	21n59	2n51	19s39	1s 7	11s12	1n29	19s27	2n 1	6s31	0n40	16n22	1s42	18n45	15n55	20n49	20n53	20n11	0n22	3n59

Julian Day Number = 2349701.5, Delta T = 10.47 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'52, Lahiri = 19°57'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

APRIL 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 57	11♈10'00	28♉20	29♈59	26♉43	7♒37	3°R 4	6°R34	18°R 8	20♉57	19°R29	26°R43	26♋25	21♊ 6	21♓46	T 1
W 2	12 40 53	12° 9'03	10♊19	0♉46	27°44	8°21	2♏57	6♐32	18♎ 5	20°59	19♍27	26♋37	26°22	21°13	21°49	W 2
T 3	12 44 50	13° 8'04	22°10	1°26	28°45	9° 5	2°50	6°30	18° 3	21° 0	19°26	26°33	26°18	21°20	21°53	T 3
F 4	12 48 47	14° 7'03	3♋58	1°58	29°46	9°48	2°43	6°29	18° 0	21° 2	19°24	26°31	26°15	21°26	21°56	F 4
S 5	12 52 43	15° 6'00	15°49	2°25	0♊46	10°32	2°36	6°27	17°57	21° 4	19°23	26°D30	26°12	21°33	22° 0	S 5
S 6	12 56 40	16° 4'54	27°48	2°44	1°46	11°16	2°29	6°25	17°55	21° 6	19°22	26°R30	26° 9	21°40	22° 3	S 6
M 7	13 0 36	17° 3'46	10♌ 1	2°57	2°45	11°59	2°22	6°23	17°52	21° 8	19°20	26°30	26° 6	21°46	22° 7	M 7
T 8	13 4 33	18° 2'35	22°32	3°R 3	3°44	12°43	2°15	6°21	17°50	21°10	19°19	26°28	26° 2	21°53	22°10	T 8
W 9	13 8 29	19° 1'23	5♍25	3° 3	4°43	13°27	2° 8	6°18	17°47	21°12	19°17	26°23	25°59	22° 0	22°14	W 9
T 10	13 12 26	20° 0'08	18°43	2°56	5°41	14°11	2° 1	6°16	17°45	21°14	19°16	26°16	25°56	22° 6	22°17	T 10
F 11	13 16 22	20°58'51	2♎27	2°44	6°39	14°54	1°53	6°14	17°42	21°16	19°15	26° 6	25°53	22°13	22°20	F 11
S 12	13 20 19	21°57'32	16°34	2°26	7°36	15°38	1°46	6°11	17°39	21°18	19°13	25°55	25°50	22°20	22°24	S 12
S 13	13 24 16	22°56'11	1♏ 0	2° 2	8°32	16°22	1°38	6° 9	17°37	21°20	19°12	25°43	25°47	22°26	22°27	S 13
M14	13 28 12	23°54'48	15°37	1°35	9°28	17° 6	1°31	6° 6	17°34	21°22	19°11	25°32	25°43	22°33	22°31	M14
T 15	13 32 9	24°53'23	0♐19	1° 3	10°24	17°49	1°23	6° 3	17°32	21°24	19°10	25°23	25°40	22°40	22°34	T 15
W16	13 36 5	25°51'56	14°57	0°28	11°19	18°33	1°16	6° 0	17°29	21°26	19° 8	25°16	25°37	22°46	22°37	W16
T 17	13 40 2	26°50'28	29°27	29♈50	12°13	19°17	1° 8	5°58	17°27	21°28	19° 7	25°13	25°34	22°53	22°40	T 17
F 18	13 43 58	27°48'58	13♑44	29°10	13° 7	20° 1	1° 1	5°55	17°24	21°30	19° 6	25°11	25°31	23° 0	22°44	F 18
S 19	13 47 55	28°47'27	27°47	28°29	14° 0	20°45	0°53	5°52	17°22	21°32	19° 5	25°11	25°27	23° 6	22°47	S 19
S 20	13 51 51	29°45'54	11♒35	27°48	14°53	21°28	0°45	5°48	17°19	21°34	19° 4	25°11	25°24	23°13	22°50	S 20
M21	13 55 48	0♉44'19	25° 9	27° 7	15°45	22°12	0°38	5°45	17°17	21°36	19° 3	25° 9	25°21	23°20	22°53	M21
T 22	13 59 45	1°42'43	8♓30	26°27	16°36	22°56	0°30	5°42	17°14	21°39	19° 1	25° 5	25°18	23°26	22°56	T 22
W23	14 3 41	2°41'05	21°39	25°49	17°26	23°40	0°22	5°39	17°12	21°41	19° 0	24°59	25°15	23°33	22°59	W23
T 24	14 7 38	3°39'26	4♈37	25°13	18°16	24°23	0°15	5°35	17° 9	21°43	18°59	24°49	25°12	23°40	23° 2	T 24
F 25	14 11 34	4°37'44	17°23	24°40	19° 5	25° 7	0° 7	5°32	17° 7	21°45	18°58	24°37	25° 8	23°46	23° 5	F 25
S 26	14 15 31	5°36'01	29°58	24°10	19°53	25°51	29♎59	5°28	17° 4	21°47	18°57	24°24	25° 5	23°53	23° 8	S 26
S 27	14 19 27	6°34'17	12♉21	23°45	20°41	26°34	29°52	5°25	17° 2	21°49	18°56	24°11	25° 2	24° 0	23°11	S 27
M28	14 23 24	7°32'30	24°34	23°23	21°27	27°18	29°44	5°21	17° 0	21°52	18°55	23°59	24°59	24° 6	23°14	M28
T 29	14 27 20	8°30'42	6♊36	23° 6	22°13	28° 2	29°37	5°18	16°57	21°54	18°54	23°48	24°56	24°13	23°17	T 29
W30	14 31 17	9♉28'52	18♊30	22♈53	22♊58	28♒45	29♎29	5♐14	16♎55	21♉56	18♍53	23♋41	24♋53	24♊20	23♓20	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n25	15n38	4s18	14n 6	2n47	22n17	2n55	19s29	1s 8	11s 9	1n29	19s27	2n 1	6s30	0n40	16n23	1s42	18n45	15n55	20n51	20n54	20n12	0n23	3n59
W 2	4 49	18 25	3 39	14 28	2 54	22 35	2 59	19 19	1 9	11 7	1 29	19 26	2 1	6 29	0 40	16 23	1 42	18 46	15 55	20 52	20 55	20 13	0 25	3 59
T 3	5 12	20 23	2 51	14 47	2 59	22 53	3 3	19 8	1 10	11 5	1 29	19 26	2 1	6 28	0 40	16 24	1 42	18 46	15 55	20 53	20 55	20 15	0 26	3 59
F 4	5 35	21 28	1 57	15 3	3 4	23 10	3 7	18 58	1 11	11 2	1 29	19 26	2 2	6 27	0 40	16 24	1 42	18 46	15 55	20 53	20 56	20 16	0 28	3 59
S 5	5 57	21 36	0 56	15 15	3 7	23 26	3 10	18 47	1 12	11 0	1 29	19 25	2 2	6 26	0 40	16 25	1 42	18 47	15 54	20 53	20 56	20 17	0 29	3 59
S 6	6 20	20 45	0n 7	15 24	3 9	23 42	3 14	18 36	1 13	10 57	1 29	19 25	2 2	6 25	0 40	16 25	1 42	18 47	15 54	20 53	20 57	20 18	0 30	3 59
M 7	6 43	18 54	1 11	15 29	3 9	23 58	3 17	18 24	1 14	10 55	1 29	19 24	2 2	6 24	0 40	16 26	1 42	18 48	15 54	20 53	20 58	20 19	0 32	3 59
T 8	7 5	16 7	2 13	15 30	3 9	24 13	3 21	18 13	1 15	10 52	1 29	19 24	2 2	6 23	0 40	16 26	1 42	18 48	15 54	20 54	20 58	20 20	0 33	3 59
W 9	7 28	12 29	3 10	15 28	3 6	24 27	3 24	18 1	1 16	10 50	1 29	19 23	2 2	6 22	0 40	16 27	1 42	18 48	15 54	20 54	20 59	20 21	0 35	3 59
T 10	7 50	8 8	3 59	15 22	3 3	24 41	3 27	17 50	1 17	10 47	1 29	19 23	2 2	6 21	0 40	16 27	1 42	18 49	15 53	20 56	20 59	20 22	0 36	3 59
F 11	8 12	3 14	4 36	15 13	2 58	24 54	3 30	17 38	1 18	10 45	1 29	19 22	2 2	6 20	0 40	16 28	1 42	18 49	15 53	20 58	21 0	20 24	0 37	3 59
S 12	8 34	1s57	4 56	15 0	2 51	25 7	3 33	17 26	1 19	10 42	1 29	19 22	2 2	6 19	0 40	16 28	1 42	18 49	15 53	21 0	21 1	20 25	0 39	3 59
S 13	8 56	7 10	4 59	14 45	2 43	25 19	3 36	17 14	1 20	10 40	1 29	19 21	2 3	6 18	0 40	16 29	1 42	18 50	15 53	21 2	21 1	20 26	0 40	3 59
M14	9 18	12 2	4 42	14 26	2 33	25 31	3 39	17 1	1 21	10 37	1 29	19 21	2 3	6 17	0 40	16 30	1 42	18 50	15 53	21 4	21 2	20 27	0 41	3 59
T 15	9 39	16 13	4 7	14 5	2 23	25 42	3 42	16 49	1 22	10 35	1 29	19 20	2 3	6 17	0 40	16 30	1 42	18 50	15 52	21 6	21 2	20 28	0 43	4 0
W16	10 0	19 23	3 15	13 41	2 10	25 53	3 45	16 36	1 23	10 32	1 29	19 20	2 3	6 16	0 40	16 31	1 42	18 51	15 52	21 7	21 3	20 29	0 44	4 0
T 17	10 22	21 17	2 12	13 15	1 57	26 3	3 47	16 24	1 24	10 29	1 29	19 19	2 3	6 15	0 40	16 31	1 42	18 51	15 52	21 7	21 4	20 30	0 45	4 0
F 18	10 43	21 46	1 0	12 48	1 43	26 12	3 50	16 11	1 25	10 27	1 29	19 18	2 3	6 14	0 40	16 32	1 42	18 51	15 52	21 8	21 4	20 31	0 47	4 0
S 19	11 4	20 52	0s14	12 19	1 28	26 21	3 52	15 58	1 26	10 24	1 29	19 18	2 3	6 13	0 40	16 32	1 42	18 51	15 51	21 8	21 5	20 32	0 48	4 0
S 20	11 24	18 42	1 26	11 49	1 12	26 29	3 54	15 45	1 27	10 21	1 29	19 17	2 3	6 12	0 40	16 33	1 42	18 52	15 51	21 8	21 5	20 33	0 49	4 0
M21	11 45	15 32	2 31	11 19	0 55	26 37	3 56	15 32	1 28	10 19	1 29	19 17	2 3	6 11	0 40	16 33	1 42	18 52	15 51	21 8	21 6	20 35	0 51	4 0
T 22	12 5	11 36	3 28	10 49	0 38	26 45	3 58	15 18	1 30	10 16	1 29	19 16	2 3	6 10	0 40	16 34	1 42	18 52	15 50	21 9	21 7	20 36	0 52	4 0
W23	12 25	7 10	4 12	10 19	0 21	26 51	4 0	15 5	1 31	10 14	1 29	19 15	2 3	6 9	0 40	16 35	1 41	18 52	15 50	21 10	21 7	20 37	0 53	4 0
T 24	12 45	2 29	4 42	9 50	0 4	26 57	4 1	14 51	1 32	10 11	1 29	19 15	2 3	6 8	0 40	16 35	1 41	18 52	15 50	21 12	21 8	20 38	0 54	4 0
F 25	13 5	2n15	4 58	9 22	0s13	27 3	4 3	14 37	1 33	10 8	1 29	19 14	2 3	6 7	0 40	16 36	1 41	18 52	15 50	21 14	21 8	20 39	0 56	4 0
S 26	13 24	6 48	4 59	8 56	0 29	27 8	4 4	14 23	1 34	10 6	1 29	19 13	2 4	6 6	0 40	16 36	1 41	18 52	15 49	21 16	21 9	20 40	0 57	4 0
S 27	13 44	11 2	4 46	8 31	0 46	27 13	4 5	14 9	1 35	10 3	1 29	19 13	2 4	6 5	0 40	16 37	1 41	18 53	15 49	21 19	21 9	20 41	0 58	4 0
M28	14 3	14 44	4 19	8 9	1 1	27 17	4 6	13 55	1 36	10 1	1 29	19 12	2 4	6 4	0 40	16 38	1 41	18 53	15 49	21 21	21 10	20 42	0 59	4 0
T 29	14 22	17 48	3 42	7 48	1 17	27 21	4 6	13 41	1 37	9 58	1 29	19 11	2 4	6 4	0 40	16 38	1 41	18 53	15 48	21 22	21 11	20 43	1 1	4 1
W30	14n40	20n 5	2s55	7n30	1s31	27n24	4n 7	13s27	1s38	9s55	1n29	19s11	2n 4	6s 3	0n40	16n39	1s41	18n53	15n48	21n24	21n11	20n44	1n 2	4n 1

Julian Day Number = 2349732.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°50'56, Lahiri = 19°57'56Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

MAY 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 14	10♉27'00	0♋19	22°R45	23♊42	29♒29	29°R22	5°R10	16°R53	21♉58	18°R53	23°R36	24♋49	24♊26	23♓23	T 1
F 2	14 39 10	11°25'06	12° 6	22°D42	24°24	0♓13	29♎14	5♐ 6	16♎50	22° 0	18♍52	23♋34	24°46	24°33	23°25	F 2
S 3	14 43 7	12°23'11	23°56	22♈43	25° 6	0°56	29° 7	5° 2	16°48	22° 3	18°51	23°D33	24°43	24°40	23°28	S 3
S 4	14 47 3	13°21'13	5♌54	22°49	25°47	1°40	29° 0	4°58	16°46	22° 5	18°50	23°33	24°40	24°46	23°31	S 4
M 5	14 51 0	14°19'13	18° 5	23° 0	26°27	2°23	28°53	4°54	16°44	22° 7	18°49	23°R33	24°37	24°53	23°34	M 5
T 6	14 54 56	15°17'12	0♍34	23°15	27° 5	3° 7	28°45	4°50	16°42	22° 9	18°49	23°32	24°33	25° 0	23°36	T 6
W 7	14 58 53	16°15'08	13°26	23°35	27°42	3°50	28°38	4°46	16°40	22°12	18°48	23°29	24°30	25° 6	23°39	W 7
T 8	15 2 49	17°13'03	26°46	24° 0	28°18	4°34	28°31	4°42	16°37	22°14	18°47	23°24	24°27	25°13	23°41	T 8
F 9	15 6 46	18°10'56	10♎33	24°28	28°53	5°17	28°24	4°38	16°35	22°16	18°47	23°16	24°24	25°20	23°44	F 9
S 10	15 10 43	19° 8'47	24°49	25° 1	29°26	6° 1	28°18	4°34	16°33	22°18	18°46	23° 7	24°21	25°26	23°46	S 10
S 11	15 14 39	20° 6'37	9♏28	25°37	29°58	6°44	28°11	4°30	16°31	22°21	18°45	22°58	24°18	25°33	23°49	S 11
M12	15 18 36	21° 4'25	24°23	26°18	0♋29	7°28	28° 4	4°25	16°29	22°23	18°45	22°49	24°14	25°40	23°51	M12
T 13	15 22 32	22° 2'12	9♐26	27° 2	0°58	8°11	27°58	4°21	16°27	22°25	18°44	22°41	24°11	25°46	23°53	T 13
W14	15 26 29	22°59'57	24°27	27°50	1°25	8°54	27°52	4°17	16°25	22°27	18°44	22°36	24° 8	25°53	23°56	W14
T 15	15 30 25	23°57'42	9♑17	28°41	1°51	9°37	27°45	4°13	16°24	22°30	18°43	22°33	24° 5	26° 0	23°58	T 15
F 16	15 34 22	24°55'25	23°51	29°35	2°15	10°21	27°39	4° 8	16°22	22°32	18°43	22°D33	24° 2	26° 6	24° 0	F 16
S 17	15 38 18	25°53'07	8♒ 5	0♉33	2°37	11° 4	27°33	4° 4	16°20	22°34	18°42	22°33	23°59	26°13	24° 2	S 17
S 18	15 42 15	26°50'48	21°57	1°34	2°58	11°47	27°27	4° 0	16°18	22°36	18°42	22°R34	23°55	26°20	24° 5	S 18
M19	15 46 12	27°48'28	5♓29	2°38	3°17	12°30	27°21	3°55	16°16	22°39	18°42	22°34	23°52	26°26	24° 7	M19
T 20	15 50 8	28°46'06	18°42	3°46	3°33	13°13	27°16	3°51	16°15	22°41	18°41	22°32	23°49	26°33	24° 9	T 20
W21	15 54 5	29°43'44	1♈39	4°56	3°48	13°57	27°10	3°46	16°13	22°43	18°41	22°28	23°46	26°40	24°11	W21
T 22	15 58 1	0♊41'21	14°21	6° 8	4° 1	14°40	27° 5	3°42	16°12	22°45	18°41	22°22	23°43	26°46	24°13	T 22
F 23	16 1 58	1°38'57	26°51	7°24	4°12	15°23	26°59	3°37	16°10	22°48	18°41	22°14	23°39	26°53	24°14	F 23
S 24	16 5 54	2°36'32	9♉10	8°42	4°21	16° 5	26°54	3°33	16° 8	22°50	18°40	22° 5	23°36	27° 0	24°16	S 24
S 25	16 9 51	3°34'06	21°19	10° 3	4°27	16°48	26°49	3°28	16° 7	22°52	18°40	21°56	23°33	27° 6	24°18	S 25
M26	16 13 47	4°31'38	3♊21	11°27	4°32	17°31	26°44	3°24	16° 6	22°54	18°40	21°47	23°30	27°13	24°20	M26
T 27	16 17 44	5°29'10	15°15	12°53	4°R33	18°14	26°40	3°20	16° 4	22°56	18°40	21°40	23°27	27°20	24°22	T 27
W28	16 21 41	6°26'41	27° 5	14°22	4°33	18°57	26°35	3°15	16° 3	22°59	18°40	21°35	23°24	27°26	24°23	W28
T 29	16 25 37	7°24'10	8♋52	15°54	4°30	19°39	26°31	3°11	16° 1	23° 1	18°40	21°33	23°20	27°33	24°25	T 29
F 30	16 29 34	8°21'39	20°40	17°28	4°25	20°22	26°27	3° 6	16° 0	23° 3	18°D40	21°D32	23°17	27°40	24°26	F 30
S 31	16 33 30	9♊19'06	2♌31	19♉ 5	4♋18	21♓ 4	26♎23	3♐ 2	15♎59	23♉ 5	18♍40	21♋32	23♋14	27♊46	24♓28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	14n59	21n28	2s 0	7n15	1s44	27n26	4n 7	13s13	1s39	9s53	1n29	19s10	2n 4	6s 2	0n40	16n39	1s41	18n53	15n48	21n25	21n12	20n45	1n 3	4n 1
F 2	15 17	21 55	1 1	7 2	1 57	27 29	4 7	12 58	1 40	9 50	1 28	19 9	2 4	6 1	0 40	16 40	1 41	18 53	15 47	21 25	21 12	20 46	1 4	4 1
S 3	15 35	21 23	0n 2	6 51	2 9	27 30	4 7	12 44	1 41	9 48	1 28	19 8	2 4	6 0	0 40	16 40	1 41	18 53	15 47	21 25	21 13	20 47	1 5	4 1
S 4	15 52	19 53	1 5	6 43	2 20	27 31	4 7	12 29	1 42	9 45	1 28	19 8	2 4	5 59	0 40	16 41	1 41	18 53	15 46	21 25	21 13	20 48	1 7	4 1
M 5	16 10	17 27	2 7	6 38	2 30	27 32	4 7	12 14	1 43	9 43	1 28	19 7	2 4	5 58	0 40	16 42	1 41	18 53	15 46	21 25	21 14	20 49	1 8	4 1
T 6	16 27	14 9	3 4	6 35	2 39	27 32	4 6	11 59	1 44	9 41	1 28	19 6	2 4	5 58	0 40	16 42	1 41	18 53	15 46	21 25	21 15	20 50	1 9	4 1
W 7	16 43	10 6	3 53	6 35	2 48	27 32	4 5	11 45	1 45	9 38	1 28	19 5	2 4	5 57	0 40	16 43	1 41	18 53	15 45	21 26	21 15	20 51	1 10	4 1
T 8	17 0	5 27	4 32	6 37	2 55	27 31	4 4	11 30	1 46	9 36	1 28	19 5	2 4	5 56	0 40	16 43	1 41	18 53	15 45	21 27	21 16	20 52	1 11	4 1
F 9	17 16	0 22	4 56	6 41	3 1	27 30	4 2	11 15	1 47	9 34	1 28	19 4	2 4	5 55	0 40	16 44	1 41	18 53	15 45	21 28	21 16	20 53	1 12	4 2
S 10	17 32	4s55	5 4	6 48	3 7	27 29	4 0	10 59	1 48	9 31	1 27	19 3	2 4	5 55	0 40	16 44	1 41	18 52	15 44	21 29	21 17	20 54	1 13	4 2
S 11	17 48	10 3	4 51	6 57	3 12	27 27	3 58	10 44	1 49	9 29	1 27	19 2	2 4	5 54	0 39	16 45	1 41	18 52	15 44	21 31	21 17	20 55	1 14	4 2
M12	18 3	14 42	4 19	7 8	3 15	27 24	3 56	10 29	1 50	9 27	1 27	19 2	2 4	5 53	0 39	16 46	1 41	18 52	15 43	21 33	21 18	20 56	1 15	4 2
T 13	18 18	18 27	3 29	7 21	3 18	27 21	3 53	10 14	1 51	9 25	1 27	19 1	2 4	5 52	0 39	16 46	1 41	18 52	15 43	21 34	21 18	20 57	1 16	4 2
W14	18 33	20 57	2 24	7 36	3 21	27 18	3 50	9 58	1 52	9 23	1 27	19 0	2 4	5 52	0 39	16 47	1 41	18 52	15 43	21 35	21 19	20 58	1 18	4 2
T 15	18 47	21 59	1 10	7 52	3 22	27 15	3 47	9 43	1 53	9 21	1 27	18 59	2 4	5 51	0 39	16 47	1 41	18 52	15 42	21 35	21 20	20 59	1 19	4 2
F 16	19 2	21 29	0s 7	8 11	3 23	27 11	3 43	9 27	1 54	9 19	1 26	18 59	2 4	5 50	0 39	16 48	1 41	18 51	15 42	21 35	21 20	21 0	1 20	4 2
S 17	19 15	19 36	1 22	8 31	3 22	27 6	3 39	9 12	1 55	9 17	1 26	18 58	2 4	5 50	0 39	16 48	1 41	18 51	15 41	21 35	21 21	21 1	1 21	4 3
S 18	19 29	16 35	2 31	8 53	3 22	27 2	3 35	8 56	1 56	9 15	1 26	18 57	2 4	5 49	0 39	16 49	1 41	18 51	15 41	21 35	21 21	21 2	1 21	4 3
M19	19 42	12 45	3 29	9 16	3 20	26 56	3 30	8 40	1 57	9 13	1 26	18 56	2 4	5 48	0 39	16 50	1 41	18 51	15 41	21 35	21 22	21 3	1 22	4 3
T 20	19 55	8 23	4 15	9 41	3 18	26 51	3 25	8 25	1 58	9 11	1 26	18 55	2 4	5 48	0 39	16 50	1 41	18 51	15 40	21 35	21 22	21 4	1 23	4 3
W21	20 7	3 44	4 47	10 7	3 15	26 45	3 20	8 9	1 59	9 9	1 25	18 55	2 4	5 47	0 39	16 51	1 41	18 50	15 40	21 36	21 23	21 5	1 24	4 3
T 22	20 19	1n 0	5 4	10 35	3 11	26 39	3 14	7 53	2 0	9 7	1 25	18 54	2 4	5 47	0 39	16 51	1 41	18 50	15 39	21 37	21 23	21 6	1 25	4 3
F 23	20 31	5 37	5 6	11 3	3 7	26 32	3 8	7 37	2 1	9 6	1 25	18 53	2 4	5 46	0 39	16 52	1 41	18 50	15 39	21 38	21 24	21 7	1 26	4 3
S 24	20 43	9 56	4 53	11 33	3 2	26 25	3 1	7 22	2 2	9 4	1 25	18 52	2 4	5 45	0 39	16 52	1 41	18 49	15 39	21 40	21 24	21 8	1 27	4 4
S 25	20 54	13 48	4 28	12 3	2 57	26 18	2 54	7 6	2 2	9 2	1 24	18 51	2 4	5 45	0 39	16 53	1 41	18 49	15 38	21 41	21 25	21 9	1 28	4 4
M26	21 5	17 5	3 50	12 35	2 51	26 10	2 47	6 50	2 3	9 1	1 24	18 51	2 4	5 44	0 39	16 54	1 41	18 49	15 38	21 43	21 26	21 10	1 29	4 4
T 27	21 15	19 37	3 3	13 7	2 44	26 2	2 39	6 34	2 4	8 59	1 24	18 50	2 3	5 44	0 39	16 54	1 41	18 48	15 37	21 44	21 26	21 11	1 29	4 4
W28	21 25	21 18	2 8	13 40	2 37	25 54	2 30	6 18	2 5	8 58	1 24	18 49	2 3	5 43	0 39	16 55	1 41	18 48	15 37	21 44	21 27	21 12	1 30	4 4
T 29	21 35	22 3	1 8	14 14	2 30	25 45	2 21	6 2	2 6	8 57	1 24	18 48	2 3	5 43	0 39	16 55	1 41	18 48	15 36	21 45	21 27	21 13	1 31	4 4
F 30	21 44	21 48	0 5	14 48	2 22	25 36	2 12	5 46	2 7	8 55	1 23	18 48	2 3	5 42	0 39	16 56	1 41	18 47	15 36	21 45	21 28	21 13	1 32	4 4
S 31	21n53	20n36	0n59	15n23	2s13	25n26	2n 2	5s30	2s 8	8s54	1n23	18s47	2n 3	5s42	0n39	16n56	1s41	18n47	15n35	21n45	21n28	21n14	1n32	4n 5

Julian Day Number = 2349762.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'00, Lahiri = 19°58'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

JUNE 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 27	10♊16'32	14♌29	20♉44	4°R 8	21♓47	26°R19	2°R57	15°R58	23♉ 7	18♍40	21♋34	23♋11	27♊53	24♓29	S 1
M 2	16 41 23	11°13'57	26°40	22°25	3♋56	22°29	26♎15	2♐53	15♎57	23°10	18°40	21°35	23° 8	28° 0	24°31	M 2
T 3	16 45 20	12°11'20	9♍ 8	24°10	3°41	23°12	26°11	2°49	15°56	23°12	18°40	21°R36	23° 5	28° 6	24°32	T 3
W 4	16 49 16	13° 8'43	21°57	25°56	3°24	23°54	26° 8	2°44	15°55	23°14	18°40	21°35	23° 1	28°13	24°33	W 4
T 5	16 53 13	14° 6'04	5♎13	27°46	3° 4	24°36	26° 5	2°40	15°54	23°16	18°40	21°34	22°58	28°20	24°35	T 5
F 6	16 57 10	15° 3'24	18°56	29°37	2°42	25°18	26° 2	2°36	15°53	23°18	18°41	21°30	22°55	28°26	24°36	F 6
S 7	17 1 6	16° 0'43	3♏ 8	1♊31	2°18	26° 0	25°59	2°31	15°52	23°20	18°41	21°26	22°52	28°33	24°37	S 7
S 8	17 5 3	16°58'02	17°45	3°28	1°52	26°42	25°56	2°27	15°51	23°22	18°41	21°21	22°49	28°40	24°38	S 8
M 9	17 8 59	17°55'19	2♐44	5°26	1°24	27°24	25°54	2°23	15°50	23°24	18°41	21°16	22°45	28°46	24°39	M 9
T 10	17 12 56	18°52'36	17°54	7°27	0°55	28° 6	25°51	2°19	15°50	23°27	18°42	21°12	22°42	28°53	24°40	T 10
W11	17 16 52	19°49'52	3♑ 7	9°30	0°23	28°48	25°49	2°15	15°49	23°29	18°42	21°10	22°39	29° 0	24°41	W11
T 12	17 20 49	20°47'08	18°13	11°34	29♊50	29°30	25°47	2°11	15°48	23°31	18°43	21°D 9	22°36	29° 6	24°42	T 12
F 13	17 24 45	21°44'23	3♒ 3	13°41	29°16	0♈11	25°45	2° 7	15°48	23°33	18°43	21° 9	22°33	29°13	24°43	F 13
S 14	17 28 42	22°41'38	17°31	15°49	28°40	0°53	25°44	2° 3	15°47	23°35	18°43	21°11	22°30	29°20	24°44	S 14
S 15	17 32 39	23°38'52	1♓35	17°58	28° 4	1°34	25°42	1°59	15°47	23°37	18°44	21°12	22°26	29°26	24°44	S 15
M16	17 36 35	24°36'06	15°13	20° 8	27°27	2°15	25°41	1°55	15°46	23°39	18°44	21°13	22°23	29°33	24°45	M16
T 17	17 40 32	25°33'21	28°28	22°19	26°49	2°57	25°40	1°51	15°46	23°41	18°45	21°R13	22°20	29°40	24°46	T 17
W18	17 44 28	26°30'34	11♈21	24°30	26°12	3°38	25°39	1°47	15°46	23°43	18°46	21°13	22°17	29°46	24°46	W18
T 19	17 48 25	27°27'48	23°56	26°41	25°34	4°19	25°38	1°43	15°45	23°45	18°46	21°11	22°14	29°53	24°47	T 19
F 20	17 52 21	28°25'02	6♉17	28°53	24°57	5° 0	25°38	1°39	15°45	23°47	18°47	21° 8	22°11	29°59	24°47	F 20
S 21	17 56 18	29°22'15	18°25	1♋ 4	24°20	5°41	25°37	1°36	15°45	23°48	18°48	21° 5	22° 7	0♋ 6	24°48	S 21
S 22	18 0 14	0♋19'29	0♊25	3°14	23°45	6°21	25°37	1°32	15°45	23°50	18°48	21° 1	22° 4	0°13	24°48	S 22
M23	18 4 11	1°16'42	12°18	5°24	23°10	7° 2	25°D37	1°28	15°45	23°52	18°49	20°58	22° 1	0°19	24°48	M23
T 24	18 8 8	2°13'55	24° 7	7°33	22°36	7°43	25°37	1°25	15°D45	23°54	18°50	20°56	21°58	0°26	24°49	T 24
W25	18 12 4	3°11'08	5♋55	9°40	22° 3	8°23	25°37	1°22	15°45	23°56	18°51	20°54	21°55	0°33	24°49	W25
T 26	18 16 1	4° 8'21	17°43	11°46	21°33	9° 3	25°38	1°18	15°45	23°58	18°51	20°D53	21°51	0°39	24°49	T 26
F 27	18 19 57	5° 5'34	29°33	13°50	21° 4	9°43	25°39	1°15	15°45	24° 0	18°52	20°54	21°48	0°46	24°49	F 27
S 28	18 23 54	6° 2'47	11♌30	15°53	20°36	10°23	25°39	1°12	15°45	24° 1	18°53	20°54	21°45	0°53	24°R49	S 28
S 29	18 27 50	6°59'59	23°34	17°54	20°11	11° 3	25°40	1° 8	15°45	24° 3	18°54	20°56	21°42	0°59	24°49	S 29
M30	18 31 47	7♋57'11	5♍50	19♋53	19♊48	11♈43	25♎42	1♐ 5	15♎46	24♉ 5	18♍55	20♋57	21♋39	1♌ 6	24♓49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	18n27	2n 2	15n58	2s 4	25n17	1n52	5s14	2s 9	8s53	1n23	18s46	2n 3	5s42	0n39	16n57	1s41	18n46	15n35	21n45	21n29	21n15	1n33	4n 5
M 2	22 9	15 27	3 0	16 33	1 55	25 6	1 41	4 58	2 10	8 52	1 23	18 45	2 3	5 41	0 39	16 57	1 41	18 46	15 35	21 44	21 29	21 16	1 34	4 5
T 3	22 17	11 43	3 50	17 8	1 45	24 56	1 30	4 42	2 11	8 51	1 22	18 45	2 3	5 41	0 39	16 58	1 41	18 46	15 34	21 44	21 30	21 17	1 35	4 5
W 4	22 25	7 21	4 31	17 44	1 35	24 45	1 19	4 26	2 12	8 50	1 22	18 44	2 3	5 40	0 39	16 58	1 41	18 45	15 34	21 44	21 30	21 18	1 35	4 5
T 5	22 32	2 30	4 59	18 19	1 25	24 33	1 7	4 10	2 12	8 49	1 22	18 43	2 3	5 40	0 39	16 59	1 41	18 45	15 33	21 45	21 31	21 19	1 36	4 5
F 6	22 38	2s37	5 11	18 53	1 14	24 21	0 54	3 54	2 13	8 48	1 22	18 42	2 3	5 40	0 39	16 59	1 41	18 44	15 33	21 45	21 31	21 20	1 37	4 6
S 7	22 44	7 47	5 5	19 28	1 4	24 9	0 42	3 38	2 14	8 47	1 21	18 42	2 2	5 39	0 39	17 0	1 41	18 44	15 32	21 46	21 32	21 21	1 37	4 6
S 8	22 50	12 40	4 40	20 1	0 53	23 56	0 29	3 23	2 15	8 46	1 21	18 41	2 2	5 39	0 39	17 0	1 41	18 43	15 32	21 47	21 33	21 21	1 38	4 6
M 9	22 55	16 54	3 54	20 34	0 41	23 43	0 15	3 7	2 16	8 46	1 21	18 40	2 2	5 39	0 39	17 1	1 41	18 43	15 32	21 47	21 33	21 22	1 38	4 6
T 10	23 0	20 4	2 52	21 5	0 30	23 30	0 2	2 51	2 17	8 45	1 21	18 40	2 2	5 39	0 38	17 1	1 41	18 42	15 31	21 48	21 34	21 23	1 39	4 6
W11	23 5	21 49	1 37	21 35	0 19	23 16	0s12	2 35	2 18	8 45	1 20	18 39	2 2	5 38	0 38	17 2	1 41	18 42	15 31	21 48	21 34	21 24	1 39	4 6
T 12	23 9	21 58	0 16	22 4	0 8	23 2	0 26	2 19	2 18	8 44	1 20	18 38	2 2	5 38	0 38	17 2	1 42	18 41	15 30	21 49	21 35	21 25	1 40	4 7
F 13	23 13	20 33	1s 5	22 31	0n 3	22 48	0 40	2 3	2 19	8 44	1 20	18 38	2 2	5 38	0 38	17 3	1 42	18 40	15 30	21 48	21 35	21 26	1 40	4 7
S 14	23 16	17 49	2 20	22 57	0 14	22 34	0 54	1 47	2 20	8 43	1 19	18 37	2 2	5 38	0 38	17 3	1 42	18 40	15 29	21 48	21 36	21 27	1 41	4 7
S 15	23 19	14 6	3 24	23 20	0 24	22 19	1 8	1 32	2 21	8 43	1 19	18 36	2 1	5 38	0 38	17 4	1 42	18 39	15 29	21 48	21 36	21 27	1 41	4 7
M16	23 22	9 45	4 15	23 40	0 34	22 4	1 23	1 16	2 22	8 43	1 19	18 36	2 1	5 38	0 38	17 4	1 42	18 39	15 28	21 48	21 37	21 28	1 42	4 7
T 17	23 24	5 3	4 50	23 59	0 44	21 50	1 37	1 0	2 22	8 43	1 19	18 35	2 1	5 38	0 38	17 5	1 42	18 38	15 28	21 48	21 37	21 29	1 42	4 7
W18	23 26	0 15	5 10	24 15	0 53	21 35	1 51	0 45	2 23	8 43	1 18	18 34	2 1	5 37	0 38	17 5	1 42	18 37	15 28	21 48	21 38	21 30	1 42	4 8
T 19	23 27	4n26	5 14	24 28	1 2	21 20	2 4	0 29	2 24	8 43	1 18	18 34	2 1	5 37	0 38	17 6	1 42	18 37	15 27	21 48	21 38	21 31	1 43	4 8
F 20	23 28	8 51	5 4	24 38	1 10	21 5	2 18	0 13	2 25	8 43	1 18	18 33	2 1	5 37	0 38	17 6	1 42	18 36	15 27	21 49	21 39	21 32	1 43	4 8
S 21	23 28	12 51	4 40	24 46	1 17	20 51	2 31	0n 2	2 25	8 43	1 18	18 33	2 1	5 37	0 38	17 7	1 42	18 35	15 26	21 49	21 39	21 32	1 43	4 8
S 22	23 28	16 18	4 4	24 50	1 24	20 36	2 43	0 18	2 26	8 43	1 17	18 32	2 0	5 37	0 38	17 7	1 42	18 35	15 26	21 50	21 40	21 33	1 44	4 8
M23	23 28	19 2	3 17	24 52	1 30	20 22	2 56	0 33	2 27	8 43	1 17	18 31	2 0	5 37	0 38	17 7	1 42	18 34	15 25	21 50	21 40	21 34	1 44	4 8
T 24	23 27	20 58	2 23	24 51	1 36	20 9	3 8	0 48	2 28	8 44	1 17	18 31	2 0	5 37	0 38	17 8	1 42	18 33	15 25	21 51	21 41	21 35	1 44	4 9
W25	23 26	21 59	1 22	24 48	1 41	19 56	3 19	1 4	2 28	8 44	1 16	18 30	2 0	5 37	0 38	17 8	1 42	18 33	15 25	21 51	21 41	21 36	1 45	4 9
T 26	23 25	22 1	0 18	24 41	1 45	19 43	3 30	1 19	2 29	8 44	1 16	18 30	2 0	5 37	0 38	17 9	1 42	18 32	15 24	21 51	21 42	21 36	1 45	4 9
F 27	23 23	21 3	0n48	24 32	1 48	19 31	3 40	1 34	2 30	8 45	1 16	18 29	2 0	5 38	0 38	17 9	1 42	18 31	15 24	21 51	21 42	21 37	1 45	4 9
S 28	23 20	19 9	1 52	24 21	1 50	19 19	3 50	1 49	2 30	8 45	1 16	18 29	1 59	5 38	0 38	17 9	1 42	18 30	15 23	21 51	21 43	21 38	1 45	4 9
S 29	23 17	16 23	2 51	24 7	1 52	19 8	3 59	2 4	2 31	8 46	1 15	18 28	1 59	5 38	0 38	17 10	1 42	18 30	15 23	21 51	21 43	21 39	1 45	4 9
M30	23n14	12n51	3n44	23n52	1n53	18n58	4s 8	2n19	2s32	8s47	1n15	18s28	1n59	5s38	0n38	17n10	1s42	18n29	15n23	21n50	21n44	21n40	1n45	4n10

Julian Day Number = 2349793.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'04, Lahiri = 19°58'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

JULY 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 43	8♋54'22	18♍21	21♋50	19°R27	12♈23	25♎43	1°R 2	15♎46	24♉ 7	18♍56	20♋58	21♋36	1♋13	24°R49	T 1
W 2	18 39 40	9°51'34	1♎11	23°46	19♊ 8	13° 2	25°45	0♐59	15°47	24° 8	18°57	20°58	21°32	1°19	24♓48	W 2
T 3	18 43 37	10°48'45	14°23	25°39	18°52	13°41	25°46	0°56	15°47	24°10	18°58	20°R58	21°29	1°26	24°48	T 3
F 4	18 47 33	11°45'56	27°59	27°31	18°37	14°21	25°48	0°54	15°48	24°12	18°59	20°58	21°26	1°33	24°48	F 4
S 5	18 51 30	12°43'07	12♏ 0	29°20	18°26	15° 0	25°51	0°51	15°48	24°13	19° 0	20°57	21°23	1°39	24°48	S 5
S 6	18 55 26	13°40'18	26°26	1♌ 8	18°16	15°38	25°53	0°48	15°49	24°15	19° 1	20°57	21°20	1°46	24°47	S 6
M 7	18 59 23	14°37'28	11♐14	2°53	18° 9	16°17	25°55	0°46	15°49	24°17	19° 3	20°56	21°17	1°53	24°47	M 7
T 8	19 3 19	15°34'39	26°17	4°37	18° 5	16°56	25°58	0°43	15°50	24°18	19° 4	20°55	21°13	1°59	24°46	T 8
W 9	19 7 16	16°31'50	11♑26	6°18	18°D 2	17°34	26° 1	0°41	15°51	24°20	19° 5	20°55	21°10	2° 6	24°46	W 9
T 10	19 11 13	17°29'02	26°34	7°58	18° 3	18°12	26° 4	0°38	15°52	24°21	19° 6	20°D55	21° 7	2°13	24°45	T 10
F 11	19 15 9	18°26'13	11♒31	9°36	18° 5	18°51	26° 7	0°36	15°53	24°23	19° 8	20°55	21° 4	2°19	24°44	F 11
S 12	19 19 6	19°23'25	26° 9	11°11	18°10	19°28	26°10	0°34	15°54	24°24	19° 9	20°55	21° 1	2°26	24°43	S 12
S 13	19 23 2	20°20'38	10♓23	12°45	18°16	20° 6	26°14	0°32	15°55	24°26	19°10	20°55	20°57	2°33	24°43	S 13
M14	19 26 59	21°17'51	24°10	14°17	18°25	20°44	26°17	0°30	15°56	24°27	19°11	20°R55	20°54	2°39	24°42	M14
T 15	19 30 55	22°15'05	7♈31	15°46	18°37	21°21	26°21	0°28	15°57	24°28	19°13	20°55	20°51	2°46	24°41	T 15
W16	19 34 52	23°12'20	20°28	17°14	18°50	21°58	26°25	0°26	15°58	24°30	19°14	20°D55	20°48	2°53	24°40	W16
T 17	19 38 48	24° 9'35	3♉ 3	18°40	19° 5	22°35	26°29	0°24	15°59	24°31	19°16	20°55	20°45	2°59	24°39	T 17
F 18	19 42 45	25° 6'51	15°20	20° 3	19°22	23°12	26°33	0°23	16° 0	24°32	19°17	20°56	20°42	3° 6	24°38	F 18
S 19	19 46 41	26° 4'08	27°23	21°25	19°41	23°49	26°38	0°21	16° 2	24°34	19°19	20°56	20°38	3°12	24°37	S 19
S 20	19 50 38	27° 1'26	9♊18	22°44	20° 2	24°25	26°42	0°19	16° 3	24°35	19°20	20°57	20°35	3°19	24°36	S 20
M21	19 54 35	27°58'45	21° 7	24° 1	20°25	25° 1	26°47	0°18	16° 4	24°36	19°22	20°57	20°32	3°26	24°35	M21
T 22	19 58 31	28°56'05	2♋54	25°16	20°49	25°37	26°52	0°17	16° 6	24°37	19°23	20°58	20°29	3°32	24°33	T 22
W23	20 2 28	29°53'26	14°43	26°29	21°15	26°13	26°57	0°16	16° 7	24°39	19°25	20°58	20°26	3°39	24°32	W23
T 24	20 6 24	0♌50'47	26°35	27°39	21°42	26°49	27° 2	0°15	16° 9	24°40	19°26	20°R58	20°23	3°46	24°31	T 24
F 25	20 10 21	1°48'09	8♌34	28°47	22°11	27°24	27° 8	0°13	16°10	24°41	19°28	20°58	20°19	3°52	24°29	F 25
S 26	20 14 17	2°45'32	20°40	29°52	22°42	27°59	27°13	0°13	16°12	24°42	19°30	20°57	20°16	3°59	24°28	S 26
S 27	20 18 14	3°42'55	2♍57	0♍55	23°14	28°34	27°19	0°12	16°14	24°43	19°31	20°55	20°13	4° 6	24°26	S 27
M28	20 22 11	4°40'19	15°25	1°54	23°47	29° 8	27°25	0°11	16°15	24°44	19°33	20°53	20°10	4°12	24°25	M28
T 29	20 26 7	5°37'44	28° 7	2°52	24°21	29°43	27°31	0°10	16°17	24°45	19°35	20°51	20° 7	4°19	24°23	T 29
W30	20 30 4	6°35'10	11♎ 4	3°46	24°57	0♉17	27°37	0°10	16°19	24°46	19°36	20°50	20° 3	4°26	24°22	W30
T 31	20 34 0	7♌32'36	24♎18	4♍37	25♊34	0♉50	27♎43	0♐ 9	16♎21	24♉47	19♍38	20♋49	20♋ 0	4♋32	24♓20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	8n43	4n28	23n34	1n53	18n48	4s16	2n34	2s32	8s48	1n15	18s28	1n59	5s38	0n38	17n11	1s42	18n28	15n22	21n50	21n44	21n40	1n45	4n10
W 2	23 6	4 6	4 59	23 14	1 53	18 39	4 24	2 48	2 33	8 48	1 15	18 27	1 59	5 38	0 38	17 11	1 42	18 27	15 22	21 50	21 45	21 41	1 45	4 10
T 3	23 2	0s50	5 15	22 52	1 52	18 31	4 31	3 3	2 33	8 49	1 14	18 27	1 58	5 39	0 38	17 11	1 42	18 27	15 21	21 50	21 45	21 42	1 46	4 10
F 4	22 57	5 52	5 15	22 29	1 50	18 23	4 37	3 18	2 34	8 50	1 14	18 26	1 58	5 39	0 38	17 12	1 42	18 26	15 21	21 50	21 46	21 43	1 46	4 10
S 5	22 52	10 45	4 56	22 5	1 48	18 16	4 43	3 32	2 35	8 51	1 14	18 26	1 58	5 39	0 37	17 12	1 42	18 25	15 21	21 50	21 46	21 43	1 46	4 10
S 6	22 46	15 11	4 19	21 39	1 45	18 10	4 48	3 47	2 35	8 52	1 13	18 26	1 58	5 39	0 37	17 13	1 42	18 24	15 20	21 50	21 47	21 44	1 46	4 11
M 7	22 40	18 48	3 23	21 11	1 41	18 5	4 53	4 1	2 36	8 53	1 13	18 25	1 58	5 40	0 37	17 13	1 42	18 23	15 20	21 51	21 47	21 45	1 46	4 11
T 8	22 34	21 13	2 13	20 43	1 37	18 0	4 58	4 15	2 36	8 55	1 13	18 25	1 57	5 40	0 37	17 13	1 42	18 23	15 19	21 51	21 48	21 46	1 45	4 11
W 9	22 27	22 7	0 52	20 13	1 33	17 56	5 1	4 29	2 37	8 56	1 13	18 25	1 57	5 40	0 37	17 14	1 42	18 22	15 19	21 51	21 48	21 46	1 45	4 11
T 10	22 20	21 23	0s31	19 43	1 28	17 53	5 5	4 43	2 37	8 57	1 12	18 24	1 57	5 41	0 37	17 14	1 42	18 21	15 19	21 51	21 49	21 47	1 45	4 11
F 11	22 12	19 9	1 52	19 11	1 22	17 50	5 8	4 57	2 38	8 59	1 12	18 24	1 57	5 41	0 37	17 14	1 42	18 20	15 18	21 51	21 49	21 48	1 45	4 11
S 12	22 4	15 42	3 4	18 39	1 16	17 48	5 10	5 11	2 38	9 0	1 12	18 24	1 57	5 41	0 37	17 14	1 43	18 19	15 18	21 51	21 50	21 49	1 45	4 12
S 13	21 56	11 25	4 2	18 7	1 9	17 47	5 12	5 25	2 39	9 2	1 12	18 24	1 56	5 42	0 37	17 15	1 43	18 18	15 18	21 51	21 50	21 49	1 45	4 12
M14	21 47	6 40	4 44	17 34	1 2	17 46	5 14	5 39	2 39	9 3	1 11	18 23	1 56	5 42	0 37	17 15	1 43	18 18	15 17	21 51	21 51	21 50	1 45	4 12
T 15	21 38	1 45	5 9	17 0	0 55	17 45	5 15	5 52	2 40	9 5	1 11	18 23	1 56	5 43	0 37	17 15	1 43	18 17	15 17	21 51	21 51	21 51	1 44	4 12
W16	21 29	3n 6	5 18	16 26	0 47	17 46	5 16	6 6	2 40	9 6	1 11	18 23	1 56	5 43	0 37	17 16	1 43	18 16	15 16	21 51	21 52	21 51	1 44	4 12
T 17	21 19	7 40	5 11	15 52	0 39	17 46	5 16	6 19	2 41	9 8	1 11	18 23	1 56	5 44	0 37	17 16	1 43	18 15	15 16	21 51	21 52	21 52	1 44	4 12
F 18	21 9	11 50	4 50	15 18	0 30	17 48	5 16	6 32	2 41	9 10	1 10	18 23	1 55	5 44	0 37	17 16	1 43	18 14	15 16	21 51	21 53	21 53	1 44	4 12
S 19	20 58	15 27	4 16	14 43	0 21	17 49	5 16	6 45	2 42	9 12	1 10	18 23	1 55	5 45	0 37	17 17	1 43	18 13	15 15	21 51	21 53	21 53	1 43	4 13
S 20	20 47	18 24	3 31	14 9	0 12	17 51	5 16	6 58	2 42	9 14	1 10	18 23	1 55	5 45	0 37	17 17	1 43	18 12	15 15	21 50	21 54	21 54	1 43	4 13
M21	20 36	20 33	2 38	13 34	0 2	17 54	5 15	7 11	2 42	9 16	1 9	18 23	1 55	5 46	0 37	17 17	1 43	18 11	15 15	21 50	21 54	21 55	1 43	4 13
T 22	20 24	21 48	1 39	13 0	0s 8	17 56	5 14	7 24	2 43	9 18	1 9	18 23	1 54	5 46	0 37	17 17	1 43	18 11	15 14	21 50	21 55	21 55	1 42	4 13
W23	20 12	22 5	0 35	12 26	0 18	17 59	5 12	7 36	2 43	9 20	1 9	18 22	1 54	5 47	0 37	17 17	1 43	18 10	15 14	21 50	21 55	21 56	1 42	4 13
T 24	20 0	21 23	0n31	11 52	0 28	18 3	5 11	7 49	2 43	9 22	1 9	18 22	1 54	5 48	0 37	17 18	1 43	18 9	15 14	21 50	21 56	21 57	1 41	4 13
F 25	19 47	19 42	1 36	11 18	0 39	18 6	5 9	8 1	2 44	9 24	1 8	18 22	1 54	5 48	0 37	17 18	1 43	18 8	15 14	21 50	21 56	21 57	1 41	4 13
S 26	19 34	17 6	2 37	10 45	0 50	18 10	5 7	8 13	2 44	9 26	1 8	18 23	1 53	5 49	0 37	17 18	1 43	18 7	15 13	21 50	21 57	21 58	1 41	4 14
S 27	19 21	13 44	3 32	10 13	1 1	18 13	5 5	8 25	2 44	9 29	1 8	18 23	1 53	5 50	0 37	17 18	1 43	18 6	15 13	21 51	21 57	21 59	1 40	4 14
M28	19 7	9 43	4 18	9 41	1 13	18 17	5 3	8 37	2 45	9 31	1 8	18 23	1 53	5 50	0 37	17 19	1 43	18 5	15 13	21 51	21 57	21 59	1 40	4 14
T 29	18 53	5 13	4 52	9 10	1 24	18 22	5 0	8 49	2 45	9 33	1 7	18 23	1 53	5 51	0 37	17 19	1 43	18 4	15 12	21 51	21 58	22 0	1 39	4 14
W30	18 39	0 24	5 12	8 39	1 36	18 26	4 57	9 0	2 45	9 36	1 7	18 23	1 53	5 52	0 37	17 19	1 43	18 3	15 12	21 51	21 58	22 1	1 39	4 14
T 31	18n25	4s32	5n16	8n10	1s47	18n30	4s54	9n12	2s45	9s38	1n 7	18s23	1n52	5s53	0n36	17n19	1s43	18n 2	15n12	21n52	21n59	22n 1	1n38	4n14

Julian Day Number = 2349823.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'09, Lahiri = 19°58'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

AUGUST 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 37 57	8♌30'03	7♏51	5♍24	26♊12	1♉24	27♎49	0°R 9	16♎23	24♉48	19♍40	20°D48	19♋57	4♋39	24°R18	F 1
S 2	20 41 53	9°27'31	21°43	6° 9	26°51	1°57	27°56	0♐ 9	16°25	24°49	19°42	20♋48	19°54	4°46	24♓16	S 2
S 3	20 45 50	10°24'59	5♐55	6°49	27°31	2°30	28° 3	0° 9	16°27	24°50	19°43	20°49	19°51	4°52	24°15	S 3
M 4	20 49 46	11°22'28	20°24	7°26	28°13	3° 2	28° 9	0°D 9	16°29	24°50	19°45	20°51	19°48	4°59	24°13	M 4
T 5	20 53 43	12°19'58	5♑ 8	7°59	28°55	3°35	28°16	0° 9	16°31	24°51	19°47	20°52	19°44	5° 6	24°11	T 5
W 6	20 57 40	13°17'30	20° 1	8°28	29°38	4° 7	28°24	0° 9	16°33	24°52	19°49	20°R52	19°41	5°12	24° 9	W 6
T 7	21 1 36	14°15'02	4♒56	8°52	0♋22	4°39	28°31	0° 9	16°35	24°53	19°51	20°52	19°38	5°19	24° 7	T 7
F 8	21 5 33	15°12'35	19°45	9°12	1° 8	5°10	28°38	0° 9	16°37	24°53	19°53	20°50	19°35	5°25	24° 5	F 8
S 9	21 9 29	16°10'09	4♓21	9°27	1°54	5°41	28°46	0°10	16°40	24°54	19°54	20°47	19°32	5°32	24° 3	S 9
S 10	21 13 26	17° 7'44	18°37	9°37	2°40	6°12	28°53	0°10	16°42	24°55	19°56	20°44	19°28	5°39	24° 1	S 10
M11	21 17 22	18° 5'21	2♈29	9°R42	3°28	6°42	29° 1	0°11	16°44	24°55	19°58	20°40	19°25	5°45	23°59	M11
T 12	21 21 19	19° 3'00	15°55	9°41	4°16	7°12	29° 9	0°12	16°47	24°56	20° 0	20°36	19°22	5°52	23°56	T 12
W13	21 25 15	20° 0'40	28°56	9°35	5° 6	7°42	29°17	0°12	16°49	24°56	20° 2	20°34	19°19	5°59	23°54	W13
T 14	21 29 12	20°58'21	11♉33	9°23	5°56	8°11	29°25	0°13	16°52	24°57	20° 4	20°32	19°16	6° 5	23°52	T 14
F 15	21 33 8	21°56'04	23°51	9° 6	6°46	8°40	29°33	0°14	16°54	24°57	20° 6	20°D31	19°13	6°12	23°50	F 15
S 16	21 37 5	22°53'49	5♊54	8°43	7°38	9° 9	29°41	0°15	16°57	24°58	20° 8	20°32	19° 9	6°19	23°47	S 16
S 17	21 41 2	23°51'36	17°47	8°14	8°29	9°37	29°50	0°17	16°59	24°58	20°10	20°34	19° 6	6°25	23°45	S 17
M18	21 44 58	24°49'24	29°35	7°40	9°22	10° 5	29°58	0°18	17° 2	24°59	20°12	20°35	19° 3	6°32	23°43	M18
T 19	21 48 55	25°47'14	11♋23	7° 1	10°15	10°33	0♏ 7	0°19	17° 5	24°59	20°14	20°37	19° 0	6°39	23°40	T 19
W20	21 52 51	26°45'06	23°15	6°17	11° 9	11° 0	0°16	0°21	17° 7	24°59	20°16	20°R37	18°57	6°45	23°38	W20
T 21	21 56 48	27°42'59	5♌14	5°29	12° 3	11°26	0°25	0°22	17°10	24°59	20°18	20°36	18°54	6°52	23°36	T 21
F 22	22 0 44	28°40'54	17°22	4°38	12°58	11°52	0°34	0°24	17°13	25° 0	20°21	20°33	18°50	6°59	23°33	F 22
S 23	22 4 41	29°38'50	29°43	3°45	13°54	12°18	0°43	0°26	17°16	25° 0	20°23	20°28	18°47	7° 5	23°31	S 23
S 24	22 8 37	0♍36'48	12♍16	2°50	14°50	12°43	0°52	0°28	17°19	25° 0	20°25	20°22	18°44	7°12	23°28	S 24
M25	22 12 34	1°34'47	25° 3	1°54	15°46	13° 8	1° 1	0°30	17°21	25° 0	20°27	20°15	18°41	7°18	23°25	M25
T 26	22 16 31	2°32'48	8♎ 4	0°59	16°43	13°32	1°11	0°32	17°24	25° 0	20°29	20° 8	18°38	7°25	23°23	T 26
W27	22 20 27	3°30'50	21°17	0° 7	17°41	13°56	1°20	0°34	17°27	25° 0	20°31	20° 2	18°34	7°32	23°20	W27
T 28	22 24 24	4°28'54	4♏44	29♌17	18°38	14°19	1°30	0°36	17°30	25° 0	20°33	19°56	18°31	7°38	23°18	T 28
F 29	22 28 20	5°26'59	18°22	28°31	19°37	14°42	1°40	0°38	17°33	25°R 0	20°35	19°53	18°28	7°45	23°15	F 29
S 30	22 32 17	6°25'06	2♐13	27°51	20°35	15° 4	1°49	0°41	17°36	25° 0	20°38	19°D52	18°25	7°52	23°12	S 30
S 31	22 36 13	7♍23'14	16♐15	27♌17	21♋34	15♉26	1♏59	0♐43	17♎39	25♉ 0	20♍40	19♋52	18♋22	7♋58	23♓10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n10	9s23	5n 2	7n42	1s59	18n34	4s51	9n23	2s45	9s41	1n 7	18s23	1n52	5s53	0n36	17n19	1s44	18n 1	15n12	21n52	21n59	22n 2	1n37	4n14
S 2	17 55	13 51	4 31	7 14	2 11	18 38	4 48	9 35	2 46	9 43	1 7	18 23	1 52	5 54	0 36	17 19	1 44	18 0	15 11	21 52	22 0	22 3	1 37	4 14
S 3	17 39	17 39	3 43	6 48	2 23	18 43	4 45	9 46	2 46	9 46	1 6	18 24	1 52	5 55	0 36	17 20	1 44	17 59	15 11	21 52	22 0	22 3	1 36	4 14
M 4	17 24	20 28	2 40	6 24	2 35	18 47	4 41	9 57	2 46	9 48	1 6	18 24	1 51	5 56	0 36	17 20	1 44	17 58	15 11	21 51	22 1	22 4	1 36	4 15
T 5	17 8	21 57	1 26	6 1	2 47	18 51	4 37	10 7	2 46	9 51	1 6	18 24	1 51	5 57	0 36	17 20	1 44	17 57	15 11	21 51	22 1	22 4	1 35	4 15
W 6	16 51	21 54	0 5	5 39	2 58	18 55	4 34	10 18	2 46	9 54	1 6	18 24	1 51	5 57	0 36	17 20	1 44	17 57	15 10	21 51	22 2	22 5	1 34	4 15
T 7	16 35	20 18	1s17	5 19	3 10	18 59	4 30	10 28	2 46	9 57	1 5	18 25	1 51	5 58	0 36	17 20	1 44	17 56	15 10	21 51	22 2	22 6	1 34	4 15
F 8	16 18	17 19	2 32	5 2	3 21	19 3	4 26	10 39	2 46	9 59	1 5	18 25	1 50	5 59	0 36	17 20	1 44	17 55	15 10	21 51	22 3	22 6	1 33	4 15
S 9	16 1	13 17	3 37	4 46	3 32	19 6	4 21	10 49	2 46	10 2	1 5	18 25	1 50	6 0	0 36	17 20	1 44	17 54	15 10	21 52	22 3	22 7	1 32	4 15
S 10	15 43	8 35	4 26	4 33	3 42	19 10	4 17	10 59	2 47	10 5	1 5	18 26	1 50	6 1	0 36	17 20	1 44	17 53	15 9	21 52	22 4	22 7	1 31	4 15
M11	15 26	3 34	4 58	4 22	3 52	19 13	4 13	11 9	2 47	10 8	1 4	18 26	1 50	6 2	0 36	17 21	1 44	17 52	15 9	21 53	22 4	22 8	1 31	4 15
T 12	15 8	1n28	5 13	4 13	4 1	19 16	4 9	11 19	2 47	10 11	1 4	18 26	1 49	6 3	0 36	17 21	1 44	17 51	15 9	21 54	22 4	22 8	1 30	4 15
W13	14 50	6 16	5 10	4 8	4 10	19 19	4 4	11 28	2 47	10 14	1 4	18 27	1 49	6 4	0 36	17 21	1 44	17 50	15 9	21 54	22 5	22 9	1 29	4 15
T 14	14 32	10 40	4 53	4 5	4 18	19 21	3 59	11 38	2 46	10 17	1 4	18 27	1 49	6 5	0 36	17 21	1 44	17 49	15 9	21 54	22 5	22 10	1 28	4 15
F 15	14 13	14 31	4 22	4 5	4 24	19 24	3 55	11 47	2 46	10 20	1 4	18 28	1 49	6 6	0 36	17 21	1 44	17 48	15 9	21 54	22 6	22 10	1 27	4 16
S 16	13 54	17 42	3 41	4 8	4 30	19 26	3 50	11 56	2 46	10 23	1 3	18 28	1 49	6 7	0 36	17 21	1 44	17 47	15 8	21 54	22 6	22 11	1 27	4 16
S 17	13 35	20 5	2 50	4 15	4 34	19 27	3 45	12 5	2 46	10 27	1 3	18 28	1 48	6 8	0 36	17 21	1 44	17 46	15 8	21 54	22 7	22 11	1 26	4 16
M18	13 16	21 36	1 53	4 25	4 37	19 29	3 41	12 14	2 46	10 30	1 3	18 29	1 48	6 9	0 36	17 21	1 44	17 45	15 8	21 54	22 7	22 12	1 25	4 16
T 19	12 57	22 9	0 50	4 38	4 39	19 30	3 36	12 23	2 46	10 33	1 3	18 29	1 48	6 10	0 36	17 21	1 44	17 44	15 8	21 53	22 8	22 12	1 24	4 16
W20	12 37	21 42	0n14	4 54	4 38	19 30	3 31	12 31	2 46	10 36	1 3	18 30	1 48	6 11	0 36	17 21	1 45	17 43	15 8	21 53	22 8	22 13	1 23	4 16
T 21	12 17	20 16	1 19	5 13	4 36	19 31	3 26	12 40	2 46	10 40	1 2	18 31	1 47	6 12	0 36	17 21	1 45	17 42	15 8	21 54	22 8	22 13	1 22	4 16
F 22	11 57	17 53	2 21	5 36	4 33	19 31	3 21	12 48	2 45	10 43	1 2	18 31	1 47	6 13	0 36	17 21	1 45	17 41	15 8	21 54	22 9	22 14	1 21	4 16
S 23	11 37	14 39	3 17	6 0	4 27	19 30	3 16	12 56	2 45	10 46	1 2	18 32	1 47	6 14	0 36	17 21	1 45	17 40	15 7	21 55	22 9	22 14	1 20	4 16
S 24	11 16	10 43	4 4	6 27	4 19	19 29	3 11	13 4	2 45	10 50	1 2	18 32	1 47	6 15	0 36	17 21	1 45	17 39	15 7	21 56	22 10	22 15	1 19	4 16
M25	10 56	6 15	4 40	6 56	4 9	19 28	3 6	13 11	2 44	10 53	1 2	18 33	1 46	6 17	0 36	17 21	1 45	17 39	15 7	21 57	22 10	22 15	1 18	4 16
T 26	10 35	1 26	5 2	7 26	3 58	19 27	3 0	13 19	2 44	10 57	1 1	18 34	1 46	6 18	0 36	17 21	1 45	17 38	15 7	21 58	22 11	22 16	1 17	4 16
W27	10 14	3s32	5 9	7 57	3 45	19 25	2 55	13 26	2 44	11 0	1 1	18 34	1 46	6 19	0 36	17 21	1 45	17 37	15 7	21 59	22 11	22 16	1 16	4 16
T 28	9 53	8 25	4 59	8 28	3 30	19 22	2 50	13 33	2 43	11 4	1 1	18 35	1 46	6 20	0 36	17 21	1 45	17 36	15 7	21 59	22 12	22 17	1 15	4 16
F 29	9 32	12 58	4 32	8 58	3 14	19 19	2 45	13 40	2 43	11 7	1 1	18 36	1 45	6 21	0 36	17 21	1 45	17 35	15 7	22 0	22 12	22 17	1 14	4 16
S 30	9 10	16 54	3 49	9 28	2 57	19 16	2 40	13 47	2 43	11 11	1 1	18 36	1 45	6 22	0 36	17 21	1 45	17 34	15 7	22 0	22 12	22 18	1 13	4 16
S 31	8n49	19s55	2n52	9n57	2s39	19n12	2s34	13n54	2s42	11s14	1n 0	18s37	1n45	6s24	0n36	17n21	1s45	17n33	15n 7	22n 0	22n13	22n18	1n12	4n16

Julian Day Number = 2349854.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'13, Lahiri = 19°58'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

SEPTEMBER 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 40 10	8♍21'24	0♉28	26°R51	22♋34	15♉47	2♏ 9	0♐46	17♎42	25°R 0	20♍42	19♋53	18♋19	8♋ 5	23°R 7	M 1
T 2	22 44 6	9°19'35	14°51	26♌32	23°34	16° 7	2°19	0°49	17°46	25♉ 0	20°44	19°R54	18°15	8°12	23♓ 4	T 2
W 3	22 48 3	10°17'47	29°20	26°21	24°34	16°28	2°30	0°51	17°49	25° 0	20°46	19°54	18°12	8°18	23° 1	W 3
T 4	22 52 0	11°16'01	13♒52	26°D19	25°35	16°47	2°40	0°54	17°52	25° 0	20°48	19°52	18° 9	8°25	22°59	T 4
F 5	22 55 56	12°14'17	28°21	26°26	26°36	17° 6	2°50	0°57	17°55	24°59	20°51	19°47	18° 6	8°32	22°56	F 5
S 6	22 59 53	13°12'34	12♓41	26°42	27°37	17°24	3° 1	1° 0	17°58	24°59	20°53	19°40	18° 3	8°38	22°53	S 6
S 7	23 3 49	14°10'53	26°47	27° 7	28°39	17°42	3°11	1° 3	18° 2	24°59	20°55	19°32	18° 0	8°45	22°50	S 7
M 8	23 7 46	15° 9'14	10♈33	27°41	29°41	17°59	3°22	1° 7	18° 5	24°59	20°57	19°23	17°56	8°52	22°48	M 8
T 9	23 11 42	16° 7'37	23°57	28°23	0♌43	18°15	3°33	1°10	18° 8	24°58	20°59	19°14	17°53	8°58	22°45	T 9
W10	23 15 39	17° 6'03	6♉57	29°13	1°46	18°31	3°44	1°13	18°12	24°58	21° 2	19° 6	17°50	9° 5	22°42	W10
T 11	23 19 35	18° 4'30	19°36	0♍11	2°49	18°46	3°54	1°17	18°15	24°57	21° 4	19° 0	17°47	9°11	22°39	T 11
F 12	23 23 32	19° 2'59	1♊55	1°16	3°52	19° 1	4° 5	1°20	18°18	24°57	21° 6	18°56	17°44	9°18	22°36	F 12
S 13	23 27 29	20° 1'31	13°58	2°28	4°56	19°14	4°16	1°24	18°22	24°56	21° 8	18°55	17°40	9°25	22°34	S 13
S 14	23 31 25	21° 0'05	25°52	3°46	6° 0	19°27	4°28	1°28	18°25	24°56	21°11	18°D54	17°37	9°31	22°31	S 14
M15	23 35 22	21°58'41	7♋40	5°10	7° 4	19°40	4°39	1°31	18°29	24°55	21°13	18°55	17°34	9°38	22°28	M15
T 16	23 39 18	22°57'19	19°29	6°38	8° 9	19°51	4°50	1°35	18°32	24°55	21°15	18°R55	17°31	9°45	22°25	T 16
W17	23 43 15	23°55'59	1♌23	8°11	9°13	20° 2	5° 1	1°39	18°36	24°54	21°17	18°55	17°28	9°51	22°22	W17
T 18	23 47 11	24°54'42	13°28	9°47	10°18	20°12	5°13	1°43	18°39	24°54	21°19	18°52	17°25	9°58	22°19	T 18
F 19	23 51 8	25°53'27	25°46	11°26	11°24	20°21	5°24	1°47	18°43	24°53	21°22	18°46	17°21	10° 5	22°17	F 19
S 20	23 55 4	26°52'13	8♍20	13° 8	12°29	20°29	5°36	1°51	18°46	24°52	21°24	18°38	17°18	10°11	22°14	S 20
S 21	23 59 1	27°51'02	21°12	14°51	13°35	20°37	5°47	1°56	18°50	24°51	21°26	18°28	17°15	10°18	22°11	S 21
M22	0 2 58	28°49'53	4♎21	16°37	14°41	20°44	5°59	2° 0	18°54	24°51	21°28	18°17	17°12	10°25	22° 8	M22
T 23	0 6 54	29°48'46	17°45	18°23	15°47	20°50	6°11	2° 4	18°57	24°50	21°31	18° 5	17° 9	10°31	22° 5	T 23
W24	0 10 51	0♎47'41	1♏23	20°11	16°54	20°55	6°23	2° 9	19° 1	24°49	21°33	17°54	17° 5	10°38	22° 3	W24
T 25	0 14 47	1°46'38	15°11	21°59	18° 0	20°59	6°34	2°13	19° 4	24°48	21°35	17°45	17° 2	10°45	22° 0	T 25
F 26	0 18 44	2°45'36	29° 6	23°48	19° 7	21° 3	6°46	2°18	19° 8	24°47	21°37	17°38	16°59	10°51	21°57	F 26
S 27	0 22 40	3°44'37	13♐ 6	25°36	20°14	21° 5	6°58	2°23	19°12	24°46	21°39	17°35	16°56	10°58	21°54	S 27
S 28	0 26 37	4°43'39	27°10	27°25	21°21	21° 7	7°10	2°27	19°15	24°45	21°41	17°33	16°53	11° 4	21°52	S 28
M29	0 30 33	5°42'43	11♑16	29°13	22°29	21°R 8	7°23	2°32	19°19	24°45	21°44	17°33	16°50	11°11	21°49	M29
T 30	0 34 30	6♎41'49	25♑23	1♎ 1	23♌36	21♉ 8	7♏35	2♐37	19♎23	24♉44	21♍46	17♋33	16♋46	11♋18	21♓46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n27	21s45	1n43	10n23	2s20	19n 8	2s29	14n 1	2s42	11s18	1n 0	18s38	1n45	6s25	0n35	17n21	1s45	17n32	15n 7	22n 0	22n13	22n19	1n11	4n16
T 2	8 48	22 12	0 27	10 48	2 1	19 3	2 24	14 7	2 41	11 21	1 0	18 39	1 45	6 26	0 35	17 20	1 45	17 31	15 7	22 0	22 14	22 19	1 10	4 16
W 3	7 43	21 9	0s51	11 9	1 42	18 58	2 19	14 13	2 41	11 25	1 0	18 39	1 44	6 27	0 35	17 20	1 45	17 30	15 7	22 0	22 14	22 20	1 9	4 16
T 4	7 21	18 41	2 5	11 28	1 23	18 52	2 13	14 19	2 40	11 29	1 0	18 40	1 44	6 28	0 35	17 20	1 45	17 29	15 7	22 0	22 15	22 20	1 8	4 16
F 5	6 59	15 4	3 12	11 43	1 4	18 46	2 8	14 25	2 39	11 33	1 0	18 41	1 44	6 30	0 35	17 20	1 45	17 28	15 7	22 1	22 15	22 21	1 7	4 16
S 6	6 36	10 35	4 5	11 55	0 46	18 39	2 3	14 31	2 39	11 36	0 59	18 42	1 44	6 31	0 35	17 20	1 46	17 28	15 6	22 2	22 15	22 21	1 5	4 16
S 7	6 14	5 36	4 42	12 3	0 28	18 32	1 58	14 36	2 38	11 40	0 59	18 43	1 43	6 32	0 35	17 20	1 46	17 27	15 6	22 3	22 16	22 22	1 4	4 16
M 8	5 51	0 27	5 2	12 7	0 11	18 25	1 53	14 42	2 37	11 44	0 59	18 44	1 43	6 34	0 35	17 20	1 46	17 26	15 6	22 4	22 16	22 22	1 3	4 16
T 9	5 29	4n35	5 5	12 8	0n 5	18 17	1 47	14 47	2 36	11 48	0 59	18 45	1 43	6 35	0 35	17 20	1 46	17 25	15 6	22 6	22 17	22 22	1 2	4 16
W10	5 6	9 16	4 51	12 4	0 20	18 8	1 42	14 52	2 36	11 51	0 59	18 45	1 43	6 36	0 35	17 20	1 46	17 24	15 7	22 7	22 17	22 23	1 1	4 16
T 11	4 43	13 26	4 24	11 57	0 33	17 59	1 37	14 57	2 35	11 55	0 59	18 46	1 43	6 37	0 35	17 19	1 46	17 23	15 7	22 8	22 17	22 23	1 0	4 16
F 12	4 20	16 55	3 44	11 45	0 46	17 50	1 32	15 2	2 34	11 59	0 58	18 47	1 42	6 39	0 35	17 19	1 46	17 22	15 7	22 8	22 18	22 24	0 59	4 16
S 13	3 57	19 36	2 56	11 30	0 58	17 39	1 27	15 6	2 33	12 3	0 58	18 48	1 42	6 40	0 35	17 19	1 46	17 21	15 7	22 8	22 18	22 24	0 57	4 16
S 14	3 34	21 24	2 0	11 12	1 8	17 29	1 22	15 11	2 32	12 7	0 58	18 49	1 42	6 41	0 35	17 19	1 46	17 21	15 7	22 8	22 19	22 24	0 56	4 16
M15	3 11	22 15	1 0	10 50	1 17	17 18	1 17	15 15	2 31	12 11	0 58	18 50	1 42	6 43	0 35	17 19	1 46	17 20	15 7	22 8	22 19	22 25	0 55	4 16
T 16	2 48	22 6	0n 3	10 25	1 25	17 6	1 12	15 19	2 30	12 15	0 58	18 51	1 42	6 44	0 35	17 19	1 46	17 19	15 7	22 8	22 20	22 25	0 54	4 15
W17	2 25	20 57	1 6	9 57	1 32	16 54	1 7	15 23	2 29	12 19	0 58	18 52	1 41	6 45	0 35	17 18	1 46	17 18	15 7	22 8	22 20	22 26	0 53	4 15
T 18	2 1	18 50	2 7	9 26	1 38	16 42	1 2	15 27	2 28	12 23	0 57	18 53	1 41	6 47	0 35	17 18	1 46	17 17	15 7	22 9	22 20	22 26	0 52	4 15
F 19	1 38	15 49	3 3	8 52	1 43	16 29	0 57	15 30	2 26	12 27	0 57	18 54	1 41	6 48	0 35	17 18	1 46	17 16	15 7	22 9	22 21	22 26	0 50	4 15
S 20	1 15	12 2	3 51	8 17	1 47	16 15	0 52	15 34	2 25	12 30	0 57	18 55	1 41	6 49	0 35	17 18	1 46	17 16	15 7	22 11	22 21	22 27	0 49	4 15
S 21	0 51	7 37	4 29	7 39	1 49	16 1	0 47	15 37	2 24	12 34	0 57	18 56	1 41	6 51	0 35	17 17	1 46	17 15	15 7	22 12	22 22	22 27	0 48	4 15
M22	0 28	2 45	4 53	7 0	1 51	15 47	0 42	15 40	2 23	12 38	0 57	18 57	1 40	6 52	0 35	17 17	1 46	17 14	15 7	22 14	22 22	22 27	0 47	4 15
T 23	0 4	2s19	5 2	6 19	1 52	15 32	0 37	15 43	2 21	12 42	0 57	18 58	1 40	6 54	0 35	17 17	1 46	17 13	15 7	22 15	22 22	22 28	0 46	4 15
W24	0s19	7 23	4 54	5 37	1 52	15 17	0 33	15 46	2 20	12 46	0 57	18 59	1 40	6 55	0 35	17 17	1 46	17 13	15 7	22 17	22 23	22 28	0 44	4 15
T 25	0 42	12 8	4 28	4 54	1 52	15 1	0 28	15 48	2 18	12 50	0 56	19 0	1 40	6 56	0 35	17 17	1 46	17 12	15 8	22 18	22 23	22 29	0 43	4 15
F 26	1 6	16 18	3 47	4 9	1 50	14 45	0 23	15 51	2 17	12 55	0 56	19 1	1 40	6 58	0 35	17 16	1 47	17 11	15 8	22 19	22 24	22 29	0 42	4 14
S 27	1 29	19 34	2 52	3 25	1 49	14 28	0 19	15 53	2 15	12 59	0 56	19 3	1 39	6 59	0 35	17 16	1 47	17 10	15 8	22 19	22 24	22 29	0 41	4 14
S 28	1 53	21 41	1 46	2 39	1 46	14 11	0 14	15 55	2 13	13 3	0 56	19 4	1 39	7 1	0 35	17 16	1 47	17 10	15 8	22 19	22 24	22 30	0 40	4 14
M29	2 16	22 27	0 33	1 53	1 43	13 53	0 10	15 57	2 12	13 7	0 56	19 5	1 39	7 2	0 35	17 15	1 47	17 9	15 8	22 19	22 25	22 30	0 38	4 14
T 30	2s40	21s46	0s41	1n 7	1n40	13n35	0s 6	15n59	2s10	13s11	0n56	19s 6	1n39	7s 3	0n35	17n15	1s47	17n 8	15n 8	22n19	22n25	22n30	0n37	4n14

Julian Day Number = 2349885.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'17, Lahiri = 19°58'18Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

OCTOBER 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 26	7♎40'56	9♒31	2♎49	24♌44	21°R 7	7♏47	2♐42	19♎27	24°R43	21♍48	17°R32	16♋43	11♋24	21°R43	W 1
T 2	0 42 23	8°40'06	23°37	4°36	25°52	21♉ 5	7°59	2°47	19°30	24♉41	21°50	17♋28	16°40	11°31	21♓41	T 2
F 3	0 46 20	9°39'17	7♓40	6°22	27° 0	21° 2	8°11	2°52	19°34	24°40	21°52	17°21	16°37	11°38	21°38	F 3
S 4	0 50 16	10°38'29	21°36	8° 8	28° 9	20°59	8°24	2°57	19°38	24°39	21°54	17°12	16°34	11°44	21°35	S 4
S 5	0 54 13	11°37'44	5♈20	9°54	29°17	20°54	8°36	3° 3	19°41	24°38	21°57	17° 0	16°31	11°51	21°33	S 5
M 6	0 58 9	12°37'01	18°50	11°38	0♍26	20°49	8°49	3° 8	19°45	24°37	21°59	16°47	16°27	11°58	21°30	M 6
T 7	1 2 6	13°36'20	2♉ 2	13°22	1°35	20°42	9° 1	3°13	19°49	24°36	22° 1	16°35	16°24	12° 4	21°28	T 7
W 8	1 6 2	14°35'41	14°55	15° 5	2°44	20°35	9°14	3°19	19°53	24°35	22° 3	16°23	16°21	12°11	21°25	W 8
T 9	1 9 59	15°35'04	27°30	16°47	3°53	20°27	9°26	3°24	19°57	24°33	22° 5	16°14	16°18	12°18	21°23	T 9
F 10	1 13 55	16°34'30	9♊46	18°29	5° 3	20°18	9°39	3°30	20° 0	24°32	22° 7	16° 8	16°15	12°24	21°20	F 10
S 11	1 17 52	17°33'58	21°49	20°10	6°12	20° 9	9°52	3°35	20° 4	24°31	22° 9	16° 4	16°11	12°31	21°18	S 11
S 12	1 21 49	18°33'28	3♋42	21°50	7°22	19°58	10° 4	3°41	20° 8	24°30	22°11	16° 2	16° 8	12°37	21°15	S 12
M13	1 25 45	19°33'01	15°30	23°30	8°32	19°46	10°17	3°47	20°12	24°28	22°13	16° 2	16° 5	12°44	21°13	M13
T 14	1 29 42	20°32'36	27°19	25° 9	9°42	19°34	10°30	3°52	20°15	24°27	22°15	16° 2	16° 2	12°51	21°10	T 14
W15	1 33 38	21°32'13	9♌14	26°47	10°52	19°21	10°43	3°58	20°19	24°26	22°17	16° 1	15°59	12°57	21° 8	W15
T 16	1 37 35	22°31'52	21°20	28°25	12° 2	19° 7	10°55	4° 4	20°23	24°24	22°19	15°58	15°56	13° 4	21° 6	T 16
F 17	1 41 31	23°31'34	3♍43	0♏ 2	13°13	18°53	11° 8	4°10	20°27	24°23	22°21	15°53	15°52	13°11	21° 4	F 17
S 18	1 45 28	24°31'17	16°26	1°39	14°23	18°37	11°21	4°16	20°31	24°22	22°23	15°44	15°49	13°17	21° 1	S 18
S 19	1 49 24	25°31'03	29°31	3°14	15°34	18°21	11°34	4°22	20°34	24°20	22°25	15°34	15°46	13°24	20°59	S 19
M20	1 53 21	26°30'51	12♎57	4°50	16°45	18° 4	11°47	4°28	20°38	24°19	22°27	15°22	15°43	13°31	20°57	M20
T 21	1 57 18	27°30'41	26°44	6°24	17°56	17°47	12° 0	4°34	20°42	24°17	22°29	15° 9	15°40	13°37	20°55	T 21
W22	2 1 14	28°30'34	10♏48	7°59	19° 7	17°29	12°13	4°40	20°46	24°16	22°31	14°58	15°36	13°44	20°53	W22
T 23	2 5 11	29°30'28	25° 3	9°32	20°18	17°10	12°26	4°46	20°49	24°14	22°33	14°48	15°33	13°51	20°51	T 23
F 24	2 9 7	0♏30'24	9♐23	11° 5	21°29	16°51	12°39	4°52	20°53	24°13	22°35	14°41	15°30	13°57	20°49	F 24
S 25	2 13 4	1°30'21	23°44	12°38	22°41	16°32	12°52	4°59	20°57	24°11	22°36	14°37	15°27	14° 4	20°47	S 25
S 26	2 17 0	2°30'21	8♑ 2	14°10	23°52	16°12	13° 5	5° 5	21° 1	24°10	22°38	14°36	15°24	14°10	20°45	S 26
M27	2 20 57	3°30'22	22°14	15°42	25° 4	15°52	13°19	5°11	21° 4	24° 8	22°40	14°D36	15°21	14°17	20°43	M27
T 28	2 24 53	4°30'25	6♒19	17°13	26°16	15°31	13°32	5°18	21° 8	24° 6	22°42	14°R36	15°17	14°24	20°41	T 28
W29	2 28 50	5°30'29	20°16	18°44	27°28	15°10	13°45	5°24	21°12	24° 5	22°44	14°35	15°14	14°30	20°39	W29
T 30	2 32 47	6°30'34	4♓ 4	20°14	28°39	14°49	13°58	5°31	21°15	24° 3	22°45	14°32	15°11	14°37	20°37	T 30
F 31	2 36 43	7♏30'42	17♓44	21♏44	29♍52	14♉28	14♏11	5♐37	21♎19	24♉ 2	22♍47	14♋27	15♋ 8	14♋44	20♓36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 3	19s43	1s53	0n21	1n36	13n17	0s 1	16n 0	2s 8	13s15	0n56	19s 7	1n39	7s 5	0n35	17n15	1s47	17n 7	15n 9	22n19	22n26	22n30	0n36	4n14
T 2	3 27	16 28	2 58	0s26	1 32	12 58	0n 3	16 1	2 6	13 19	0 56	19 8	1 38	7 6	0 35	17 15	1 47	17 7	15 9	22 20	22 26	22 31	0 35	4 14
F 3	3 50	12 17	3 52	1 12	1 27	12 38	0 7	16 3	2 4	13 23	0 55	19 9	1 38	7 8	0 35	17 14	1 47	17 6	15 9	22 21	22 26	22 31	0 34	4 14
S 4	4 13	7 29	4 31	1 59	1 22	12 19	0 11	16 4	2 2	13 27	0 55	19 11	1 38	7 9	0 35	17 14	1 47	17 5	15 9	22 22	22 27	22 31	0 33	4 13
S 5	4 36	2 23	4 54	2 45	1 17	11 59	0 15	16 5	2 0	13 31	0 55	19 12	1 38	7 11	0 35	17 14	1 47	17 5	15 9	22 23	22 27	22 32	0 31	4 13
M 6	5 0	2n46	5 0	3 31	1 11	11 38	0 19	16 5	1 58	13 35	0 55	19 13	1 38	7 12	0 35	17 13	1 47	17 4	15 10	22 25	22 28	22 32	0 30	4 13
T 7	5 23	7 40	4 50	4 16	1 6	11 17	0 23	16 6	1 56	13 39	0 55	19 14	1 38	7 13	0 35	17 13	1 47	17 3	15 10	22 27	22 28	22 32	0 29	4 13
W 8	5 46	12 7	4 25	5 2	1 0	10 56	0 27	16 6	1 53	13 43	0 55	19 15	1 37	7 15	0 35	17 13	1 47	17 3	15 10	22 28	22 28	22 33	0 28	4 13
T 9	6 9	15 57	3 47	5 47	0 54	10 35	0 31	16 6	1 51	13 47	0 55	19 16	1 37	7 16	0 35	17 12	1 47	17 2	15 10	22 29	22 29	22 33	0 27	4 13
F 10	6 32	19 0	2 59	6 31	0 48	10 13	0 35	16 6	1 49	13 52	0 55	19 18	1 37	7 18	0 35	17 12	1 47	17 2	15 10	22 30	22 29	22 33	0 26	4 12
S 11	6 54	21 9	2 5	7 16	0 41	9 50	0 38	16 6	1 46	13 56	0 55	19 19	1 37	7 19	0 35	17 12	1 47	17 1	15 11	22 30	22 29	22 33	0 24	4 12
S 12	7 17	22 20	1 5	7 59	0 35	9 28	0 42	16 6	1 44	14 0	0 54	19 20	1 37	7 21	0 35	17 11	1 47	17 0	15 11	22 31	22 30	22 34	0 23	4 12
M13	7 40	22 32	0 3	8 42	0 28	9 5	0 45	16 5	1 41	14 4	0 54	19 21	1 37	7 22	0 35	17 11	1 47	17 0	15 11	22 31	22 30	22 34	0 22	4 12
T 14	8 2	21 42	0n59	9 25	0 22	8 42	0 49	16 4	1 39	14 8	0 54	19 23	1 36	7 23	0 35	17 11	1 47	16 59	15 12	22 31	22 31	22 34	0 21	4 12
W15	8 25	19 54	2 0	10 7	0 15	8 18	0 52	16 3	1 36	14 12	0 54	19 24	1 36	7 25	0 35	17 10	1 47	16 59	15 12	22 31	22 31	22 34	0 20	4 11
T 16	8 47	17 11	2 55	10 48	0 8	7 54	0 55	16 2	1 33	14 16	0 54	19 25	1 36	7 26	0 35	17 10	1 47	16 58	15 12	22 31	22 31	22 35	0 19	4 11
F 17	9 9	13 38	3 44	11 29	0 1	7 30	0 58	16 1	1 30	14 20	0 54	19 26	1 36	7 28	0 35	17 10	1 47	16 58	15 12	22 32	22 32	22 35	0 18	4 11
S 18	9 31	9 24	4 23	12 9	0s 6	7 6	1 1	16 0	1 27	14 24	0 54	19 27	1 36	7 29	0 35	17 9	1 47	16 57	15 13	22 33	22 32	22 35	0 17	4 11
S 19	9 53	4 37	4 49	12 48	0 12	6 41	1 4	15 58	1 24	14 28	0 54	19 29	1 36	7 31	0 35	17 9	1 47	16 57	15 13	22 34	22 33	22 35	0 16	4 11
M20	10 15	0s30	5 1	13 27	0 19	6 16	1 7	15 56	1 21	14 32	0 54	19 30	1 36	7 32	0 35	17 8	1 47	16 56	15 13	22 35	22 33	22 35	0 15	4 10
T 21	10 36	5 44	4 55	14 5	0 26	5 51	1 10	15 54	1 18	14 37	0 54	19 31	1 35	7 33	0 35	17 8	1 47	16 56	15 14	22 37	22 33	22 36	0 14	4 10
W22	10 58	10 47	4 31	14 42	0 33	5 26	1 13	15 52	1 15	14 41	0 54	19 32	1 35	7 35	0 35	17 8	1 47	16 55	15 14	22 38	22 34	22 36	0 13	4 10
T 23	11 19	15 19	3 51	15 19	0 39	5 0	1 15	15 50	1 12	14 45	0 53	19 34	1 35	7 36	0 35	17 7	1 47	16 55	15 14	22 39	22 34	22 36	0 12	4 10
F 24	11 40	19 0	2 55	15 54	0 46	4 34	1 18	15 48	1 9	14 49	0 53	19 35	1 35	7 38	0 35	17 7	1 47	16 54	15 15	22 40	22 34	22 36	0 11	4 10
S 25	12 1	21 31	1 48	16 29	0 52	4 8	1 20	15 45	1 6	14 53	0 53	19 36	1 35	7 39	0 35	17 7	1 48	16 54	15 15	22 40	22 35	22 36	0 10	4 9
S 26	12 22	22 39	0 35	17 3	0 59	3 42	1 23	15 43	1 3	14 57	0 53	19 37	1 35	7 40	0 35	17 6	1 48	16 54	15 15	22 40	22 35	22 37	0 9	4 9
M27	12 42	22 18	0s41	17 36	1 5	3 16	1 25	15 40	0 59	15 1	0 53	19 39	1 35	7 42	0 35	17 6	1 48	16 53	15 16	22 40	22 35	22 37	0 8	4 9
T 28	13 3	20 33	1 53	18 9	1 12	2 49	1 27	15 37	0 56	15 5	0 53	19 40	1 35	7 43	0 35	17 5	1 48	16 53	15 16	22 40	22 36	22 37	0 7	4 9
W29	13 23	17 34	2 58	18 40	1 18	2 22	1 29	15 34	0 53	15 9	0 53	19 41	1 34	7 45	0 35	17 5	1 48	16 52	15 16	22 41	22 36	22 37	0 6	4 8
T 30	13 43	13 37	3 51	19 11	1 24	1 56	1 31	15 31	0 49	15 13	0 53	19 42	1 34	7 46	0 35	17 5	1 48	16 52	15 17	22 41	22 37	22 37	0 5	4 8
F 31	14s 2	9s 1	4s31	19s40	1s30	1n29	1n33	15n28	0s46	15s17	0n53	19s44	1n34	7s47	0n35	17n 4	1s48	16n52	15n17	22n41	22n37	22n37	0n 4	4n 8

Julian Day Number = 2349915.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'21, Lahiri = 19°58'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

NOVEMBER 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 40	8♏30'50	1♈14	23♏14	1♎ 4	14°R 6	14♏24	5♐44	21♎23	24°R 0	22♍49	14°R18	15♋ 5	14♋50	20°R34	S 1
S 2	2 44 36	9°31'01	14°33	24°42	2°16	13♉45	14°38	5°50	21°26	23♉58	22°50	14♋ 8	15° 2	14°57	20♓32	S 2
M 3	2 48 33	10°31'13	27°40	26°11	3°28	13°23	14°51	5°57	21°30	23°57	22°52	13°56	14°58	15° 4	20°31	M 3
T 4	2 52 29	11°31'27	10♉33	27°39	4°41	13° 2	15° 4	6° 4	21°34	23°55	22°54	13°45	14°55	15°10	20°29	T 4
W 5	2 56 26	12°31'42	23°12	29° 6	5°53	12°40	15°17	6°10	21°37	23°54	22°55	13°35	14°52	15°17	20°28	W 5
T 6	3 0 22	13°32'00	5♊36	0♐33	7° 6	12°19	15°31	6°17	21°41	23°52	22°57	13°26	14°49	15°24	20°26	T 6
F 7	3 4 19	14°32'19	17°46	1°59	8°18	11°58	15°44	6°24	21°44	23°50	22°58	13°20	14°46	15°30	20°25	F 7
S 8	3 8 16	15°32'40	29°46	3°25	9°31	11°37	15°57	6°30	21°48	23°49	23° 0	13°17	14°42	15°37	20°24	S 8
S 9	3 12 12	16°33'03	11♋37	4°50	10°44	11°17	16°10	6°37	21°51	23°47	23° 1	13°D16	14°39	15°44	20°22	S 9
M10	3 16 9	17°33'28	23°24	6°14	11°57	10°56	16°24	6°44	21°55	23°45	23° 3	13°16	14°36	15°50	20°21	M10
T 11	3 20 5	18°33'55	5♌11	7°37	13°10	10°36	16°37	6°51	21°58	23°43	23° 4	13°17	14°33	15°57	20°20	T 11
W12	3 24 2	19°34'24	17° 5	8°59	14°23	10°17	16°50	6°58	22° 2	23°42	23° 6	13°R18	14°30	16° 3	20°19	W12
T 13	3 27 58	20°34'54	29°10	10°21	15°36	9°58	17° 4	7° 5	22° 5	23°40	23° 7	13°18	14°27	16°10	20°18	T 13
F 14	3 31 55	21°35'27	11♍32	11°41	16°49	9°39	17°17	7°12	22° 9	23°38	23° 9	13°16	14°23	16°17	20°17	F 14
S 15	3 35 51	22°36'01	24°15	13° 0	18° 3	9°21	17°30	7°18	22°12	23°37	23°10	13°11	14°20	16°23	20°16	S 15
S 16	3 39 48	23°36'37	7♎23	14°18	19°16	9° 3	17°43	7°25	22°16	23°35	23°11	13° 5	14°17	16°30	20°15	S 16
M17	3 43 45	24°37'14	20°57	15°34	20°30	8°46	17°57	7°32	22°19	23°33	23°12	12°57	14°14	16°37	20°14	M17
T 18	3 47 41	25°37'53	4♏56	16°48	21°43	8°30	18°10	7°39	22°22	23°32	23°14	12°49	14°11	16°43	20°13	T 18
W19	3 51 38	26°38'34	19°17	18° 0	22°57	8°14	18°23	7°46	22°26	23°30	23°15	12°41	14° 8	16°50	20°13	W19
T 20	3 55 34	27°39'17	3♐55	19°10	24°10	7°59	18°36	7°53	22°29	23°28	23°16	12°35	14° 4	16°57	20°12	T 20
F 21	3 59 31	28°40'00	18°41	20°17	25°24	7°45	18°49	8° 0	22°32	23°27	23°17	12°30	14° 1	17° 3	20°11	F 21
S 22	4 3 27	29°40'45	3♑29	21°21	26°38	7°32	19° 3	8° 7	22°35	23°25	23°18	12°28	13°58	17°10	20°11	S 22
S 23	4 7 24	0♐41'32	18°11	22°21	27°51	7°19	19°16	8°14	22°38	23°23	23°20	12°D28	13°55	17°17	20°10	S 23
M24	4 11 20	1°42'19	2♒42	23°18	29° 5	7° 7	19°29	8°21	22°42	23°21	23°21	12°29	13°52	17°23	20°10	M24
T 25	4 15 17	2°43'07	16°58	24° 9	0♏19	6°56	19°42	8°29	22°45	23°20	23°22	12°31	13°48	17°30	20°10	T 25
W26	4 19 14	3°43'56	0♓57	24°56	1°33	6°45	19°55	8°36	22°48	23°18	23°23	12°R31	13°45	17°36	20° 9	W26
T 27	4 23 10	4°44'46	14°41	25°37	2°47	6°36	20° 8	8°43	22°51	23°16	23°24	12°31	13°42	17°43	20° 9	T 27
F 28	4 27 7	5°45'37	28° 8	26°11	4° 1	6°27	20°21	8°50	22°54	23°15	23°25	12°29	13°39	17°50	20° 9	F 28
S 29	4 31 3	6°46'28	11♈20	26°38	5°15	6°19	20°34	8°57	22°57	23°13	23°26	12°25	13°36	17°56	20° 9	S 29
S 30	4 35 0	7♐47'21	24♈17	26♐56	6♏29	6♉12	20♏47	9♐ 4	23♎ 0	23♉12	23♍27	12♋20	13♋33	18♋ 3	20♓ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s22	4s 1	4s55	20s 9	1s35	1n 2	1n35	15n25	0s42	15s21	0n53	19s45	1n34	7s49	0n35	17n 4	1s48	16n51	15n18	22n42	22n37	22n38	0n 3	4n 8	
S 2	14 41	1n 5	5 3	20 36	1 41	0 34	1 37	15 22	0 39	15 25	0 53	19 46	1 34	7 50	0 35	17 3	1 48	16 51	15 18	22 43	22 38	22 38	0 2	4 7	
M 3	15 0	6 4	4 55	21 3	1 46	0 7	1 38	15 19	0 36	15 29	0 53	19 48	1 34	7 51	0 35	17 3	1 48	16 51	15 18	22 45	22 38	22 38	0 1	4 7	
T 4	15 19	10 43	4 31	21 29	1 52	0s20	1 40	15 16	0 32	15 33	0 53	19 49	1 34	7 53	0 35	17 2	1 48	16 51	15 19	22 46	22 38	22 38	0 1	4 7	
W 5	15 37	14 49	3 55	21 53	1 57	0 48	1 41	15 12	0 29	15 36	0 53	19 50	1 34	7 54	0 35	17 2	1 48	16 50	15 19	22 47	22 39	22 38	0s 0	4 7	
T 6	15 55	18 12	3 7	22 16	2 1	1 15	1 42	15 9	0 25	15 40	0 52	19 51	1 33	7 55	0 35	17 2	1 48	16 50	15 20	22 48	22 39	22 38	0 1	4 6	
F 7	16 13	20 43	2 12	22 39	2 6	1 43	1 44	15 6	0 22	15 44	0 52	19 53	1 33	7 57	0 35	17 1	1 48	16 50	15 20	22 48	22 39	22 38	0 2	4 6	
S 8	16 31	22 17	1 12	23 0	2 10	2 10	1 45	15 3	0 19	15 48	0 52	19 54	1 33	7 58	0 35	17 1	1 48	16 50	15 20	22 49	22 40	22 38	0 3	4 6	
S 9	16 49	22 49	0 9	23 20	2 14	2 38	1 46	15 0	0 15	15 52	0 52	19 55	1 33	7 59	0 35	17 0	1 48	16 49	15 21	22 49	22 40	22 39	0 3	4 6	
M10	17 6	22 20	0n54	23 38	2 18	3 5	1 47	14 56	0 12	15 56	0 52	19 56	1 33	8 1	0 35	17 0	1 48	16 49	15 21	22 49	22 40	22 39	0 4	4 5	
T 11	17 23	20 52	1 55	23 56	2 21	3 33	1 48	14 53	0 9	16 0	0 52	19 57	1 33	8 2	0 35	17 0	1 48	16 49	15 22	22 49	22 41	22 39	0 5	4 5	
W12	17 39	18 28	2 52	24 12	2 24	4 1	1 49	14 50	0 5	16 3	0 52	19 59	1 33	8 3	0 35	16 59	1 48	16 49	15 22	22 49	22 41	22 39	0 5	4 5	
T 13	17 55	15 14	3 42	24 27	2 27	4 28	1 49	14 47	0 2	16 7	0 52	20 0	1 33	8 5	0 35	16 59	1 48	16 49	15 23	22 49	22 41	22 39	0 6	4 4	
F 14	18 11	11 17	4 22	24 41	2 29	4 56	1 50	14 45	0n 1	16 11	0 52	20 1	1 33	8 6	0 35	16 58	1 48	16 49	15 23	22 49	22 42	22 39	0 7	4 4	
S 15	18 27	6 45	4 51	24 53	2 31	5 23	1 50	14 42	0 4	16 15	0 52	20 2	1 33	8 7	0 35	16 58	1 48	16 49	15 24	22 49	22 42	22 39	0 7	4 4	
S 16	18 42	1 45	5 6	25 4	2 32	5 51	1 51	14 39	0 7	16 19	0 52	20 4	1 33	8 8	0 35	16 57	1 48	16 48	15 24	22 50	22 42	22 39	0 8	4 4	
M17	18 57	3s28	5 5	25 13	2 32	6 18	1 51	14 37	0 11	16 22	0 52	20 5	1 32	8 10	0 35	16 57	1 48	16 48	15 25	22 51	22 43	22 39	0 9	4 3	
T 18	19 12	8 42	4 46	25 21	2 33	6 45	1 52	14 34	0 14	16 26	0 52	20 6	1 32	8 11	0 35	16 57	1 48	16 48	15 25	22 51	22 43	22 39	0 9	4 3	
W19	19 26	13 36	4 8	25 28	2 32	7 12	1 52	14 32	0 17	16 30	0 52	20 7	1 32	8 12	0 35	16 56	1 48	16 48	15 26	22 52	22 43	22 39	0 10	4 3	
T 20	19 40	17 48	3 13	25 33	2 31	7 39	1 52	14 30	0 19	16 33	0 52	20 8	1 32	8 13	0 35	16 56	1 48	16 48	15 26	22 53	22 44	22 39	0 10	4 3	
F 21	19 54	20 55	2 5	25 36	2 29	8 6	1 52	14 28	0 22	16 37	0 52	20 10	1 32	8 14	0 35	16 55	1 48	16 48	15 26	22 53	22 44	22 39	0 11	4 2	
S 22	20 7	22 37	0 49	25 38	2 27	8 33	1 52	14 26	0 25	16 41	0 52	20 11	1 32	8 16	0 35	16 55	1 48	16 48	15 27	22 53	22 44	22 39	0 11	4 2	
S 23	20 20	22 45	0s31	25 38	2 23	9 0	1 51	14 25	0 28	16 44	0 52	20 12	1 32	8 17	0 35	16 55	1 48	16 48	15 27	22 53	22 45	22 39	0 12	4 2	
M24	20 32	21 20	1 48	25 37	2 19	9 26	1 51	14 23	0 31	16 48	0 52	20 13	1 32	8 18	0 35	16 54	1 48	16 48	15 28	22 53	22 45	22 39	0 12	4 1	
T 25	20 44	18 35	2 57	25 34	2 14	9 52	1 51	14 22	0 33	16 51	0 52	20 14	1 32	8 19	0 35	16 54	1 48	16 48	15 28	22 53	22 45	22 39	0 13	4 1	
W26	20 56	14 47	3 53	25 30	2 8	10 18	1 50	14 21	0 36	16 55	0 52	20 15	1 32	8 20	0 35	16 53	1 48	16 48	15 29	22 53	22 46	22 39	0 13	4 1	
T 27	21 7	10 17	4 36	25 24	2 0	10 44	1 50	14 20	0 38	16 59	0 52	20 17	1 32	8 21	0 35	16 53	1 48	16 48	15 30	22 53	22 46	22 39	0 13	4 0	
F 28	21 18	5 22	5 2	25 17	1 51	11 10	1 49	14 20	0 41	17 2	0 52	20 18	1 32	8 22	0 35	16 53	1 48	16 48	15 30	22 53	22 46	22 39	0 14	4 0	
S 29	21 28	0 17	5 11	25 7	1 41	11 35	1 49	14 20	0 43	17 5	0 52	20 19	1 32	8 24	0 35	16 52	1 48	16 49	15 31	22 54	22 47	22 39	0 14	4 0	
S 30	21s38	4n42	5s 5	24s56	1s30	12s 0	1n48	14n19	0n46	17s 9	0n52	20s20	1n32	8s25	0n35	16n52	1s48	16n49	15n31	22n54	22n47	22n39	0s14	4n 0	

Julian Day Number = 2349946.5, Delta T = 10.48 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'25, Lahiri = 19°58'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1721
geocentric

DECEMBER 1721 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 38 56	8♐48'14	7♉ 2	27°R 6	7♏43	6°R 6	21♏ 0	9♐11	23♎ 3	23°R10	23♍27	12°R14	13♋29	18♋10	20°D 8	M 1
T 2	4 42 53	9°49'08	19°35	27♐ 5	8°57	6♉ 0	21°13	9°18	23° 6	23♉ 8	23°28	12♋ 8	13°26	18°16	20♓ 8	T 2
W 3	4 46 49	10°50'03	1♊56	26°54	10°12	5°56	21°26	9°25	23° 9	23° 7	23°29	12° 2	13°23	18°23	20° 9	W 3
T 4	4 50 46	11°51'00	14° 7	26°32	11°26	5°52	21°39	9°32	23°11	23° 5	23°30	11°58	13°20	18°30	20° 9	T 4
F 5	4 54 43	12°51'57	26° 8	25°58	12°40	5°49	21°52	9°39	23°14	23° 4	23°31	11°55	13°17	18°36	20° 9	F 5
S 6	4 58 39	13°52'55	8♋ 2	25°13	13°55	5°47	22° 5	9°46	23°17	23° 2	23°31	11°D54	13°14	18°43	20° 9	S 6
S 7	5 2 36	14°53'54	19°51	24°18	15° 9	5°45	22°18	9°54	23°20	23° 0	23°32	11°54	13°10	18°50	20° 9	S 7
M 8	5 6 32	15°54'54	1♌37	23°12	16°23	5°D45	22°30	10° 1	23°22	22°59	23°33	11°56	13° 7	18°56	20°10	M 8
T 9	5 10 29	16°55'56	13°25	21°59	17°38	5°45	22°43	10° 8	23°25	22°57	23°33	11°57	13° 4	19° 3	20°10	T 9
W10	5 14 25	17°56'58	25°19	20°40	18°52	5°46	22°56	10°15	23°28	22°56	23°34	11°59	13° 1	19°10	20°11	W10
T 11	5 18 22	18°58'01	7♍22	19°18	20° 7	5°48	23° 8	10°22	23°30	22°54	23°34	12° 1	12°58	19°16	20°11	T 11
F 12	5 22 18	19°59'05	19°41	17°55	21°21	5°50	23°21	10°29	23°33	22°53	23°35	12°R 1	12°54	19°23	20°12	F 12
S 13	5 26 15	21° 0'10	2♎19	16°34	22°36	5°54	23°33	10°36	23°35	22°51	23°35	12° 1	12°51	19°29	20°12	S 13
S 14	5 30 12	22° 1'16	15°21	15°18	23°51	5°58	23°46	10°43	23°37	22°50	23°36	11°59	12°48	19°36	20°13	S 14
M15	5 34 8	23° 2'22	28°50	14°10	25° 5	6° 2	23°58	10°50	23°40	22°49	23°36	11°57	12°45	19°43	20°14	M15
T 16	5 38 5	24° 3'30	12♏46	13°10	26°20	6° 8	24°11	10°57	23°42	22°47	23°37	11°55	12°42	19°49	20°15	T 16
W17	5 42 1	25° 4'38	27° 9	12°21	27°35	6°14	24°23	11° 4	23°44	22°46	23°37	11°52	12°39	19°56	20°16	W17
T 18	5 45 58	26° 5'47	11♐55	11°42	28°49	6°21	24°36	11°11	23°47	22°44	23°37	11°50	12°35	20° 3	20°17	T 18
F 19	5 49 54	27° 6'57	26°56	11°13	0♐ 4	6°29	24°48	11°18	23°49	22°43	23°38	11°49	12°32	20° 9	20°18	F 19
S 20	5 53 51	28° 8'07	12♑ 4	10°56	1°19	6°37	25° 0	11°24	23°51	22°42	23°38	11°D48	12°29	20°16	20°19	S 20
S 21	5 57 47	29° 9'17	27° 9	10°D49	2°33	6°46	25°12	11°31	23°53	22°40	23°38	11°49	12°26	20°23	20°20	S 21
M22	6 1 44	0♑10'28	12♒ 4	10°52	3°48	6°55	25°24	11°38	23°55	22°39	23°38	11°50	12°23	20°29	20°21	M22
T 23	6 5 41	1°11'38	26°40	11° 3	5° 3	7° 6	25°36	11°45	23°57	22°38	23°38	11°51	12°20	20°36	20°22	T 23
W24	6 9 37	2°12'49	10♓55	11°23	6°18	7°17	25°48	11°52	23°59	22°37	23°38	11°51	12°16	20°43	20°23	W24
T 25	6 13 34	3°13'59	24°46	11°50	7°33	7°28	26° 0	11°59	24° 1	22°35	23°38	11°52	12°13	20°49	20°25	T 25
F 26	6 17 30	4°15'09	8♈13	12°24	8°48	7°40	26°12	12° 5	24° 3	22°34	23°R38	11°R52	12°10	20°56	20°26	F 26
S 27	6 21 27	5°16'19	21°19	13° 4	10° 2	7°53	26°24	12°12	24° 5	22°33	23°38	11°52	12° 7	21° 3	20°27	S 27
S 28	6 25 23	6°17'29	4♉ 5	13°50	11°17	8° 6	26°35	12°19	24° 7	22°32	23°38	11°51	12° 4	21° 9	20°29	S 28
M29	6 29 20	7°18'39	16°35	14°40	12°32	8°20	26°47	12°26	24° 8	22°31	23°38	11°51	12° 0	21°16	20°30	M29
T 30	6 33 16	8°19'48	28°52	15°34	13°47	8°34	26°59	12°32	24°10	22°30	23°38	11°50	11°57	21°22	20°32	T 30
W31	6 37 13	9♑20'57	10♊59	16♐32	15♐ 2	8♉49	27♏10	12♐39	24♎12	22♉29	23♍38	11♋50	11♋54	21♋29	20♓34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s48	9n25	4s43	24s44	1s17	12s25	1n47	14n19	0n48	17s12	0n52	20s21	1n31	8s26	0n35	16n51	1s48	16n49	15n32	22n55	22n47	22n39	0s15	3n59
T 2	21 57	13 40	4 8	24 30	1 3	12 50	1 46	14 20	0 50	17 16	0 52	20 22	1 31	8 27	0 35	16 51	1 48	16 49	15 32	22 55	22 48	22 39	0 15	3 59
W 3	22 6	17 17	3 22	24 14	0 48	13 14	1 45	14 20	0 52	17 19	0 51	20 23	1 31	8 28	0 35	16 51	1 47	16 49	15 33	22 56	22 48	22 39	0 15	3 59
T 4	22 15	20 6	2 27	23 57	0 31	13 38	1 44	14 21	0 54	17 23	0 51	20 25	1 31	8 29	0 35	16 50	1 47	16 49	15 33	22 56	22 48	22 39	0 15	3 58
F 5	22 22	22 0	1 26	23 38	0 13	14 2	1 43	14 22	0 56	17 26	0 51	20 26	1 31	8 30	0 35	16 50	1 47	16 50	15 34	22 56	22 49	22 39	0 15	3 58
S 6	22 30	22 53	0 21	23 17	0n 6	14 25	1 42	14 23	0 58	17 29	0 51	20 27	1 31	8 31	0 35	16 50	1 47	16 50	15 34	22 56	22 49	22 39	0 16	3 58
S 7	22 37	22 43	0n44	22 55	0 26	14 48	1 41	14 24	1 0	17 32	0 51	20 28	1 31	8 32	0 35	16 49	1 47	16 50	15 35	22 56	22 49	22 39	0 16	3 58
M 8	22 44	21 34	1 47	22 32	0 46	15 11	1 39	14 26	1 2	17 36	0 51	20 29	1 31	8 33	0 35	16 49	1 47	16 50	15 35	22 56	22 50	22 39	0 16	3 57
T 9	22 50	19 27	2 45	22 7	1 7	15 33	1 38	14 28	1 4	17 39	0 51	20 30	1 31	8 34	0 35	16 48	1 47	16 50	15 36	22 56	22 50	22 39	0 16	3 57
W10	22 56	16 30	3 37	21 43	1 26	15 55	1 37	14 30	1 6	17 42	0 51	20 31	1 31	8 35	0 35	16 48	1 47	16 51	15 36	22 56	22 50	22 39	0 16	3 57
T 11	23 1	12 50	4 20	21 18	1 45	16 16	1 35	14 32	1 7	17 45	0 51	20 32	1 31	8 36	0 35	16 48	1 47	16 51	15 37	22 56	22 51	22 39	0 16	3 56
F 12	23 6	8 34	4 52	20 54	2 2	16 37	1 33	14 34	1 9	17 48	0 51	20 33	1 31	8 37	0 35	16 47	1 47	16 51	15 38	22 56	22 51	22 39	0 16	3 56
S 13	23 10	3 50	5 12	20 31	2 17	16 58	1 32	14 37	1 11	17 52	0 51	20 34	1 31	8 37	0 35	16 47	1 47	16 52	15 38	22 56	22 51	22 39	0 16	3 56
S 14	23 14	1s12	5 16	20 11	2 30	17 18	1 30	14 40	1 12	17 55	0 51	20 35	1 31	8 38	0 35	16 47	1 47	16 52	15 39	22 56	22 51	22 39	0 16	3 56
M15	23 17	6 21	5 3	19 52	2 41	17 38	1 28	14 43	1 14	17 58	0 51	20 36	1 31	8 39	0 35	16 46	1 47	16 52	15 39	22 56	22 52	22 39	0 16	3 55
T 16	23 20	11 23	4 32	19 37	2 49	17 58	1 27	14 46	1 15	18 1	0 51	20 37	1 31	8 40	0 35	16 46	1 47	16 53	15 40	22 56	22 52	22 38	0 16	3 55
W17	23 23	15 56	3 43	19 25	2 55	18 16	1 25	14 49	1 16	18 4	0 51	20 38	1 31	8 41	0 35	16 46	1 47	16 53	15 40	22 57	22 52	22 38	0 16	3 55
T 18	23 25	19 38	2 38	19 16	2 58	18 35	1 23	14 53	1 18	18 7	0 51	20 39	1 31	8 42	0 35	16 45	1 47	16 53	15 41	22 57	22 53	22 38	0 16	3 54
F 19	23 27	22 5	1 22	19 11	3 0	18 53	1 21	14 57	1 19	18 10	0 51	20 40	1 31	8 42	0 35	16 45	1 47	16 54	15 41	22 57	22 53	22 38	0 16	3 54
S 20	23 28	22 57	0s 1	19 9	3 0	19 10	1 19	15 0	1 20	18 13	0 51	20 41	1 31	8 43	0 35	16 45	1 47	16 54	15 42	22 57	22 53	22 38	0 16	3 54
S 21	23 28	22 8	1 24	19 10	2 58	19 27	1 17	15 5	1 22	18 16	0 51	20 42	1 31	8 44	0 36	16 45	1 47	16 55	15 43	22 57	22 54	22 38	0 16	3 54
M22	23 28	19 46	2 40	19 13	2 55	19 43	1 15	15 9	1 23	18 18	0 51	20 43	1 31	8 45	0 36	16 44	1 47	16 55	15 43	22 57	22 54	22 38	0 15	3 53
T 23	23 28	16 9	3 44	19 19	2 51	19 59	1 12	15 13	1 24	18 21	0 52	20 44	1 31	8 45	0 36	16 44	1 47	16 55	15 44	22 57	22 54	22 38	0 15	3 53
W24	23 27	11 41	4 33	19 27	2 46	20 14	1 10	15 18	1 25	18 24	0 52	20 45	1 31	8 46	0 36	16 44	1 47	16 56	15 44	22 57	22 54	22 37	0 15	3 53
T 25	23 26	6 44	5 4	19 36	2 39	20 29	1 8	15 23	1 26	18 27	0 52	20 46	1 31	8 47	0 36	16 44	1 47	16 56	15 45	22 57	22 55	22 37	0 15	3 52
F 26	23 24	1 36	5 17	19 47	2 33	20 43	1 6	15 28	1 27	18 30	0 52	20 46	1 31	8 47	0 36	16 43	1 47	16 57	15 45	22 57	22 55	22 37	0 14	3 52
S 27	23 22	3n29	5 13	20 0	2 25	20 57	1 3	15 33	1 28	18 32	0 52	20 47	1 31	8 48	0 36	16 43	1 47	16 57	15 46	22 57	22 55	22 37	0 14	3 52
S 28	23 20	8 17	4 54	20 13	2 18	21 9	1 1	15 38	1 29	18 35	0 52	20 48	1 31	8 49	0 36	16 43	1 47	16 58	15 46	22 57	22 56	22 37	0 14	3 52
M29	23 16	12 38	4 21	20 27	2 10	21 22	0 59	15 43	1 30	18 38	0 52	20 49	1 31	8 49	0 36	16 43	1 47	16 58	15 47	22 57	22 56	22 37	0 13	3 51
T 30	23 13	16 24	3 37	20 41	2 1	21 33	0 56	15 49	1 31	18 40	0 52	20 50	1 31	8 50	0 36	16 42	1 46	16 59	15 48	22 57	22 56	22 36	0 13	3 51
W31	23s 9	19n26	2s43	20s55	1n53	21s44	0n54	15n54	1n32	18s43	0n52	20s51	1n31	8s50	0n36	16n42	1s46	17n 0	15n48	22n57	22n56	22n36	0s13	3n51

Julian Day Number = 2349976.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'30, Lahiri = 19°58'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

JANUARY 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 10	10♑22'07	22♊57	17♐34	16♐17	9♉ 5	27♏21	12♐45	24♎13	22°R28	23°R38	11°R49	11♋51	21♋36	20♓35	T 1
F 2	6 45 6	11°23'16	4♋50	18°38	17°32	9°21	27°33	12°52	24°15	22♉27	23♍38	11♋49	11°48	21°42	20°37	F 2
S 3	6 49 3	12°24'25	16°39	19°45	18°47	9°37	27°44	12°58	24°16	22°26	23°38	11°49	11°45	21°49	20°39	S 3
S 4	6 52 59	13°25'33	28°27	20°55	20° 2	9°54	27°55	13° 5	24°17	22°25	23°37	11°49	11°41	21°56	20°41	S 4
M 5	6 56 56	14°26'42	10♌16	22° 7	21°17	10°11	28° 6	13°11	24°19	22°24	23°37	11°49	11°38	22° 2	20°43	M 5
T 6	7 0 52	15°27'50	22° 7	23°20	22°31	10°29	28°17	13°18	24°20	22°23	23°37	11°49	11°35	22° 9	20°45	T 6
W 7	7 4 49	16°28'59	4♍ 5	24°36	23°46	10°47	28°28	13°24	24°21	22°22	23°36	11°48	11°32	22°16	20°47	W 7
T 8	7 8 46	17°30'07	16°11	25°53	25° 1	11° 6	28°39	13°30	24°23	22°21	23°36	11°47	11°29	22°22	20°49	T 8
F 9	7 12 42	18°31'15	28°30	27°11	26°16	11°25	28°50	13°36	24°24	22°20	23°35	11°47	11°26	22°29	20°51	F 9
S 10	7 16 39	19°32'23	11♎ 5	28°30	27°31	11°45	29° 1	13°43	24°25	22°20	23°35	11°46	11°22	22°36	20°53	S 10
S 11	7 20 35	20°33'30	24° 1	29°51	28°46	12° 5	29°11	13°49	24°26	22°19	23°34	11°D46	11°19	22°42	20°55	S 11
M12	7 24 32	21°34'38	7♏19	1♑13	0♑ 1	12°25	29°22	13°55	24°27	22°18	23°34	11°47	11°16	22°49	20°57	M12
T 13	7 28 28	22°35'45	21° 3	2°36	1°16	12°46	29°32	14° 1	24°28	22°18	23°33	11°47	11°13	22°56	21° 0	T 13
W14	7 32 25	23°36'52	5♐14	4° 0	2°31	13° 7	29°42	14° 7	24°29	22°17	23°33	11°48	11°10	23° 2	21° 2	W14
T 15	7 36 21	24°37'59	19°50	5°25	3°47	13°29	29°53	14°13	24°29	22°16	23°32	11°49	11° 6	23° 9	21° 4	T 15
F 16	7 40 18	25°39'06	4♑47	6°50	5° 2	13°50	0♐ 3	14°19	24°30	22°16	23°31	11°R50	11° 3	23°15	21° 7	F 16
S 17	7 44 15	26°40'12	19°57	8°17	6°17	14°13	0°13	14°25	24°31	22°15	23°31	11°50	11° 0	23°22	21° 9	S 17
S 18	7 48 11	27°41'17	5♒12	9°44	7°32	14°35	0°23	14°31	24°31	22°15	23°30	11°49	10°57	23°29	21°12	S 18
M19	7 52 8	28°42'21	20°21	11°12	8°47	14°58	0°32	14°36	24°32	22°14	23°29	11°47	10°54	23°35	21°14	M19
T 20	7 56 4	29°43'25	5♓15	12°40	10° 2	15°21	0°42	14°42	24°33	22°14	23°29	11°45	10°51	23°42	21°17	T 20
W21	8 0 1	0♒44'27	19°47	14°10	11°17	15°45	0°52	14°48	24°33	22°13	23°28	11°42	10°47	23°49	21°19	W21
T 22	8 3 57	1°45'28	3♈52	15°40	12°32	16° 9	1° 1	14°53	24°33	22°13	23°27	11°40	10°44	23°55	21°22	T 22
F 23	8 7 54	2°46'29	17°29	17°10	13°47	16°33	1°11	14°59	24°34	22°13	23°26	11°38	10°41	24° 2	21°25	F 23
S 24	8 11 50	3°47'28	0♉39	18°42	15° 2	16°58	1°20	15° 4	24°34	22°12	23°25	11°D38	10°38	24° 9	21°27	S 24
S 25	8 15 47	4°48'25	13°25	20°14	16°17	17°22	1°29	15°10	24°34	22°12	23°24	11°38	10°35	24°15	21°30	S 25
M26	8 19 44	5°49'22	25°50	21°47	17°32	17°47	1°38	15°15	24°34	22°12	23°23	11°39	10°32	24°22	21°33	M26
T 27	8 23 40	6°50'17	8♊ 0	23°20	18°47	18°13	1°47	15°20	24°35	22°12	23°22	11°41	10°28	24°29	21°36	T 27
W28	8 27 37	7°51'12	19°58	24°54	20° 2	18°38	1°56	15°26	24°35	22°11	23°21	11°43	10°25	24°35	21°39	W28
T 29	8 31 33	8°52'04	1♋49	26°29	21°17	19° 4	2° 4	15°31	24°R35	22°11	23°20	11°44	10°22	24°42	21°42	T 29
F 30	8 35 30	9°52'56	13°37	28° 4	22°32	19°30	2°13	15°36	24°35	22°11	23°19	11°R44	10°19	24°49	21°45	F 30
S 31	8 39 26	10♒53'46	25♋24	29♑41	23♑47	19♉57	2♐21	15♐41	24♎35	22♉11	23♍18	11♋43	10♋16	24♋55	21♓48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 4	21n34	1s43	21s10	1n44	21s55	0n51	16n 0	1n32	18s46	0n52	20s52	1n31	8s51	0n36	16n42	1s46	17n 0	15n49	22n57	22n57	22n36	0s12	3n50
F 2	22 59	22 44	0 39	21 24	1 35	22 5	0 49	16 6	1 33	18 48	0 52	20 52	1 31	8 52	0 36	16 42	1 46	17 1	15 49	22 57	22 57	22 36	0 12	3 50
S 3	22 54	22 53	0n27	21 39	1 26	22 14	0 46	16 12	1 34	18 51	0 52	20 53	1 31	8 52	0 36	16 41	1 46	17 1	15 50	22 57	22 57	22 36	0 11	3 50
S 4	22 48	21 59	1 31	21 52	1 18	22 22	0 44	16 18	1 35	18 53	0 52	20 54	1 31	8 53	0 36	16 41	1 46	17 2	15 50	22 57	22 58	22 35	0 11	3 50
M 5	22 41	20 8	2 32	22 6	1 9	22 30	0 41	16 24	1 35	18 56	0 52	20 55	1 31	8 53	0 36	16 41	1 46	17 2	15 51	22 57	22 58	22 35	0 10	3 49
T 6	22 35	17 24	3 26	22 19	1 0	22 37	0 39	16 30	1 36	18 58	0 52	20 55	1 31	8 53	0 36	16 41	1 46	17 3	15 51	22 57	22 58	22 35	0 10	3 49
W 7	22 27	13 56	4 12	22 31	0 51	22 43	0 36	16 37	1 37	19 0	0 52	20 56	1 31	8 54	0 36	16 41	1 46	17 4	15 52	22 57	22 58	22 35	0 9	3 49
T 8	22 20	9 51	4 47	22 42	0 43	22 49	0 34	16 43	1 37	19 3	0 52	20 57	1 31	8 54	0 36	16 41	1 46	17 4	15 52	22 57	22 59	22 35	0 9	3 49
F 9	22 12	5 19	5 9	22 53	0 34	22 54	0 31	16 50	1 38	19 5	0 52	20 58	1 31	8 55	0 36	16 40	1 46	17 5	15 53	22 57	22 59	22 34	0 8	3 48
S 10	22 3	0 29	5 18	23 2	0 26	22 59	0 28	16 56	1 38	19 7	0 52	20 58	1 31	8 55	0 36	16 40	1 46	17 6	15 53	22 57	22 59	22 34	0 7	3 48
S 11	21 54	4s31	5 11	23 11	0 17	23 2	0 26	17 3	1 39	19 9	0 52	20 59	1 31	8 55	0 36	16 40	1 46	17 6	15 54	22 57	23 0	22 34	0 7	3 48
M12	21 45	9 27	4 47	23 19	0 9	23 5	0 23	17 10	1 39	19 12	0 52	21 0	1 31	8 56	0 36	16 40	1 46	17 7	15 54	22 57	23 0	22 34	0 6	3 48
T 13	21 35	14 5	4 6	23 26	0 1	23 8	0 21	17 17	1 40	19 14	0 52	21 1	1 31	8 56	0 36	16 40	1 46	17 8	15 55	22 57	23 0	22 33	0 5	3 47
W14	21 24	18 6	3 10	23 31	0s 7	23 9	0 18	17 23	1 40	19 16	0 52	21 1	1 31	8 56	0 36	16 40	1 46	17 8	15 55	22 57	23 0	22 33	0 5	3 47
T 15	21 14	21 6	1 59	23 36	0 14	23 10	0 15	17 30	1 41	19 18	0 52	21 2	1 31	8 57	0 36	16 40	1 46	17 9	15 56	22 57	23 1	22 33	0 4	3 47
F 16	21 3	22 44	0 39	23 40	0 22	23 10	0 13	17 37	1 41	19 20	0 52	21 3	1 31	8 57	0 36	16 40	1 46	17 10	15 56	22 57	23 1	22 33	0 3	3 47
S 17	20 51	22 44	0s45	23 42	0 29	23 10	0 10	17 44	1 41	19 22	0 52	21 3	1 31	8 57	0 36	16 40	1 46	17 11	15 57	22 57	23 1	22 32	0 3	3 46
S 18	20 39	21 2	2 6	23 43	0 36	23 8	0 7	17 52	1 42	19 24	0 52	21 4	1 31	8 57	0 36	16 40	1 45	17 11	15 57	22 57	23 1	22 32	0 2	3 46
M19	20 27	17 51	3 18	23 43	0 43	23 6	0 5	17 59	1 42	19 26	0 52	21 4	1 31	8 58	0 36	16 39	1 45	17 12	15 58	22 57	23 2	22 32	0 1	3 46
T 20	20 14	13 32	4 14	23 42	0 50	23 4	0 2	18 6	1 42	19 28	0 53	21 5	1 31	8 58	0 36	16 39	1 45	17 13	15 58	22 57	23 2	22 31	0 0	3 46
W21	20 1	8 33	4 53	23 39	0 56	23 0	0s 0	18 13	1 43	19 30	0 53	21 6	1 31	8 58	0 36	16 39	1 45	17 13	15 59	22 57	23 2	22 31	0n 1	3 46
T 22	19 48	3 15	5 13	23 35	1 2	22 56	0 3	18 20	1 43	19 32	0 53	21 6	1 31	8 58	0 36	16 39	1 45	17 14	15 59	22 58	23 2	22 31	0 1	3 45
F 23	19 34	2n 2	5 14	23 30	1 8	22 51	0 6	18 28	1 43	19 34	0 53	21 7	1 32	8 58	0 36	16 39	1 45	17 15	16 0	22 58	23 3	22 30	0 2	3 45
S 24	19 20	7 3	4 59	23 23	1 14	22 46	0 8	18 35	1 44	19 36	0 53	21 7	1 32	8 58	0 36	16 39	1 45	17 16	16 0	22 58	23 3	22 30	0 3	3 45
S 25	19 5	11 37	4 29	23 15	1 19	22 39	0 11	18 42	1 44	19 38	0 53	21 8	1 32	8 58	0 36	16 39	1 45	17 17	16 1	22 58	23 3	22 30	0 4	3 45
M26	18 51	15 34	3 47	23 6	1 25	22 33	0 13	18 50	1 44	19 39	0 53	21 8	1 32	8 58	0 36	16 39	1 45	17 17	16 1	22 58	23 3	22 29	0 5	3 44
T 27	18 35	18 47	2 55	22 56	1 30	22 25	0 16	18 57	1 44	19 41	0 53	21 9	1 32	8 58	0 36	16 39	1 45	17 18	16 2	22 58	23 4	22 29	0 6	3 44
W28	18 20	21 9	1 57	22 44	1 34	22 17	0 18	19 4	1 45	19 43	0 53	21 9	1 32	8 58	0 37	16 39	1 45	17 19	16 2	22 57	23 4	22 29	0 7	3 44
T 29	18 4	22 33	0 54	22 30	1 39	22 8	0 21	19 12	1 45	19 44	0 53	21 10	1 32	8 58	0 37	16 39	1 45	17 20	16 2	22 57	23 4	22 28	0 8	3 44
F 30	17 48	22 57	0n10	22 15	1 43	21 58	0 23	19 19	1 45	19 46	0 53	21 10	1 32	8 58	0 37	16 39	1 45	17 21	16 3	22 57	23 4	22 28	0 9	3 44
S 31	17s31	22n19	1n14	21s59	1s46	21s48	0s26	19n26	1n45	19s48	0n53	21s11	1n32	8s58	0n37	16n39	1s45	17n21	16n 3	22n57	23n 5	22n28	0n10	3n43

Julian Day Number = 2350007.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'34, Lahiri = 19°58'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

FEBRUARY 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 23	11♒54'35	7♌13	1♒18	25♑ 2	20♉23	2♐30	15♐46	24°R34	22°D11	23°R17	11°R41	10♋12	25♋ 2	21♓51	S 1
M 2	8 47 19	12°55'23	19° 7	2°55	26°17	20°50	2°38	15°51	24♎34	22♉11	23♍16	11♋37	10° 9	25° 9	21°54	M 2
T 3	8 51 16	13°56'10	1♍ 6	4°34	27°32	21°17	2°46	15°56	24°34	22°11	23°15	11°31	10° 6	25°15	21°57	T 3
W 4	8 55 13	14°56'55	13°13	6°13	28°47	21°44	2°54	16° 0	24°34	22°11	23°14	11°25	10° 3	25°22	22° 0	W 4
T 5	8 59 9	15°57'39	25°30	7°53	0♒ 2	22°12	3° 1	16° 5	24°33	22°11	23°12	11°19	10° 0	25°28	22° 3	T 5
F 6	9 3 6	16°58'22	7♎57	9°34	1°17	22°39	3° 9	16°10	24°33	22°11	23°11	11°13	9°57	25°35	22° 6	F 6
S 7	9 7 2	17°59'04	20°38	11°15	2°32	23° 7	3°17	16°14	24°32	22°12	23°10	11° 8	9°53	25°42	22° 9	S 7
S 8	9 10 59	18°59'45	3♏34	12°58	3°47	23°35	3°24	16°19	24°32	22°12	23° 9	11° 5	9°50	25°48	22°13	S 8
M 9	9 14 55	20° 0'25	16°47	14°41	5° 2	24° 4	3°31	16°23	24°31	22°12	23° 7	11°D 4	9°47	25°55	22°16	M 9
T 10	9 18 52	21° 1'04	0♐21	16°25	6°17	24°32	3°38	16°27	24°31	22°12	23° 6	11° 5	9°44	26° 2	22°19	T 10
W11	9 22 48	22° 1'41	14°16	18°10	7°32	25° 1	3°45	16°31	24°30	22°13	23° 5	11° 6	9°41	26° 8	22°22	W11
T 12	9 26 45	23° 2'18	28°34	19°56	8°47	25°30	3°52	16°36	24°29	22°13	23° 3	11° 7	9°38	26°15	22°26	T 12
F 13	9 30 42	24° 2'53	13♑12	21°43	10° 2	25°59	3°59	16°40	24°28	22°13	23° 2	11°R 8	9°34	26°22	22°29	F 13
S 14	9 34 38	25° 3'27	28° 6	23°31	11°17	26°28	4° 5	16°44	24°28	22°14	23° 1	11° 6	9°31	26°28	22°33	S 14
S 15	9 38 35	26° 3'59	13♒11	25°19	12°32	26°57	4°12	16°48	24°27	22°14	22°59	11° 3	9°28	26°35	22°36	S 15
M16	9 42 31	27° 4'30	28°16	27° 9	13°47	27°27	4°18	16°51	24°26	22°15	22°58	10°58	9°25	26°42	22°39	M16
T 17	9 46 28	28° 4'59	13♓12	28°59	15° 2	27°56	4°24	16°55	24°25	22°15	22°56	10°51	9°22	26°48	22°43	T 17
W18	9 50 24	29° 5'27	27°51	0♓50	16°17	28°26	4°30	16°59	24°24	22°16	22°55	10°43	9°18	26°55	22°46	W18
T 19	9 54 21	0♓ 5'52	12♈ 6	2°42	17°32	28°56	4°35	17° 2	24°23	22°16	22°54	10°35	9°15	27° 2	22°50	T 19
F 20	9 58 17	1° 6'16	25°52	4°34	18°47	29°26	4°41	17° 6	24°21	22°17	22°52	10°28	9°12	27° 8	22°53	F 20
S 21	10 2 14	2° 6'38	9♉10	6°27	20° 1	29°57	4°46	17° 9	24°20	22°18	22°51	10°24	9° 9	27°15	22°57	S 21
S 22	10 6 11	3° 6'58	22° 1	8°21	21°16	0♊27	4°52	17°12	24°19	22°18	22°49	10°21	9° 6	27°22	23° 0	S 22
M23	10 10 7	4° 7'15	4♊28	10°15	22°31	0°58	4°57	17°16	24°18	22°19	22°48	10°D20	9° 3	27°28	23° 4	M23
T 24	10 14 4	5° 7'31	16°38	12° 9	23°46	1°29	5° 2	17°19	24°16	22°20	22°46	10°21	8°59	27°35	23° 7	T 24
W25	10 18 0	6° 7'45	28°34	14° 4	25° 1	1°59	5° 6	17°22	24°15	22°21	22°45	10°22	8°56	27°41	23°11	W25
T 26	10 21 57	7° 7'57	10♋23	15°58	26°16	2°30	5°11	17°25	24°14	22°21	22°43	10°R22	8°53	27°48	23°15	T 26
F 27	10 25 53	8° 8'07	22°10	17°52	27°31	3° 2	5°15	17°28	24°12	22°22	22°41	10°22	8°50	27°55	23°18	F 27
S 28	10 29 50	9♓ 8'14	3♌57	19♓46	28♒45	3♊33	5♐20	17♐30	24♎11	22♉23	22♍40	10♋19	8♋47	28♋ 1	23♓22	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s15	20n40	2n15	21s41	1s50	21s37	0s28	19n34	1n45	19s49	0n53	21s11	1n32	8s58	0n37	16n39	1s45	17n22	16n 4	22n58	23n 5	22n27	0n11	3n43
M 2	16 58	18 8	3 11	21 22	1 53	21 25	0 30	19 41	1 45	19 51	0 53	21 12	1 32	8 58	0 37	16 39	1 45	17 23	16 4	22 58	23 5	22 27	0 12	3 43
T 3	16 40	14 48	3 58	21 1	1 56	21 13	0 33	19 48	1 46	19 52	0 53	21 12	1 32	8 58	0 37	16 40	1 44	17 24	16 4	22 58	23 5	22 27	0 13	3 43
W 4	16 23	10 50	4 35	20 39	1 58	21 0	0 35	19 56	1 46	19 54	0 53	21 13	1 32	8 58	0 37	16 40	1 44	17 25	16 5	22 59	23 6	22 26	0 14	3 43
T 5	16 5	6 22	5 0	20 16	2 0	20 47	0 37	20 3	1 46	19 55	0 54	21 13	1 32	8 58	0 37	16 40	1 44	17 25	16 5	23 0	23 6	22 26	0 15	3 42
F 6	15 46	1 36	5 11	19 51	2 2	20 33	0 39	20 10	1 46	19 56	0 54	21 13	1 32	8 57	0 37	16 40	1 44	17 26	16 6	23 0	23 6	22 25	0 16	3 42
S 7	15 28	3s19	5 7	19 24	2 4	20 18	0 42	20 17	1 46	19 58	0 54	21 14	1 32	8 57	0 37	16 40	1 44	17 27	16 6	23 0	23 6	22 25	0 17	3 42
S 8	15 9	8 12	4 48	18 56	2 5	20 3	0 44	20 25	1 46	19 59	0 54	21 14	1 33	8 57	0 37	16 40	1 44	17 28	16 6	23 1	23 7	22 25	0 18	3 42
M 9	14 50	12 50	4 13	18 27	2 5	19 47	0 46	20 32	1 46	20 0	0 54	21 15	1 33	8 57	0 37	16 40	1 44	17 29	16 7	23 1	23 7	22 24	0 19	3 42
T 10	14 31	16 56	3 24	17 56	2 5	19 30	0 48	20 39	1 46	20 2	0 54	21 15	1 33	8 56	0 37	16 40	1 44	17 30	16 7	23 1	23 7	22 24	0 20	3 42
W11	14 11	20 13	2 21	17 23	2 5	19 13	0 50	20 46	1 46	20 3	0 54	21 15	1 33	8 56	0 37	16 40	1 44	17 30	16 7	23 1	23 7	22 23	0 22	3 41
T 12	13 51	22 20	1 8	16 49	2 4	18 55	0 52	20 53	1 46	20 4	0 54	21 16	1 33	8 56	0 37	16 41	1 44	17 31	16 8	23 1	23 8	22 23	0 23	3 41
F 13	13 32	23 0	0s11	16 14	2 3	18 37	0 54	21 0	1 46	20 5	0 54	21 16	1 33	8 56	0 37	16 41	1 44	17 32	16 8	23 0	23 8	22 22	0 24	3 41
S 14	13 11	22 3	1 31	15 37	2 1	18 19	0 56	21 7	1 46	20 6	0 54	21 16	1 33	8 55	0 37	16 41	1 44	17 33	16 8	23 1	23 8	22 22	0 25	3 41
S 15	12 51	19 31	2 45	14 58	1 59	17 59	0 57	21 14	1 46	20 8	0 54	21 16	1 33	8 55	0 37	16 41	1 44	17 34	16 9	23 1	23 8	22 22	0 26	3 41
M16	12 30	15 39	3 47	14 18	1 57	17 40	0 59	21 21	1 46	20 9	0 54	21 17	1 33	8 55	0 37	16 41	1 44	17 34	16 9	23 1	23 8	22 21	0 28	3 41
T 17	12 9	10 49	4 33	13 37	1 53	17 19	1 1	21 27	1 46	20 10	0 55	21 17	1 33	8 54	0 37	16 41	1 44	17 35	16 9	23 2	23 9	22 21	0 29	3 40
W18	11 48	5 27	5 0	12 54	1 50	16 59	1 3	21 34	1 46	20 11	0 55	21 17	1 33	8 54	0 37	16 42	1 44	17 36	16 9	23 3	23 9	22 20	0 30	3 40
T 19	11 27	0n 4	5 8	12 10	1 45	16 38	1 4	21 41	1 46	20 12	0 55	21 18	1 33	8 53	0 37	16 42	1 43	17 37	16 10	23 3	23 9	22 20	0 31	3 40
F 20	11 6	5 24	4 57	11 25	1 41	16 16	1 6	21 47	1 46	20 13	0 55	21 18	1 33	8 53	0 37	16 42	1 43	17 38	16 10	23 4	23 9	22 19	0 33	3 40
S 21	10 44	10 18	4 30	10 38	1 35	15 54	1 7	21 54	1 46	20 13	0 55	21 18	1 34	8 52	0 37	16 42	1 43	17 39	16 10	23 4	23 10	22 19	0 34	3 40
S 22	10 23	14 35	3 51	9 50	1 29	15 31	1 9	22 0	1 46	20 14	0 55	21 18	1 34	8 52	0 37	16 43	1 43	17 39	16 10	23 4	23 10	22 18	0 35	3 40
M23	10 1	18 6	3 1	9 1	1 23	15 8	1 10	22 7	1 46	20 15	0 55	21 19	1 34	8 51	0 37	16 43	1 43	17 40	16 11	23 4	23 10	22 18	0 36	3 40
T 24	9 39	20 45	2 4	8 10	1 15	14 45	1 12	22 13	1 46	20 16	0 55	21 19	1 34	8 51	0 37	16 43	1 43	17 41	16 11	23 4	23 10	22 17	0 38	3 40
W25	9 17	22 25	1 3	7 19	1 7	14 21	1 13	22 19	1 46	20 17	0 55	21 19	1 34	8 50	0 37	16 43	1 43	17 42	16 11	23 4	23 10	22 17	0 39	3 39
T 26	8 54	23 4	0n 0	6 27	0 59	13 57	1 14	22 26	1 46	20 17	0 55	21 19	1 34	8 50	0 37	16 44	1 43	17 43	16 11	23 4	23 11	22 16	0 40	3 39
F 27	8 32	22 41	1 3	5 34	0 50	13 32	1 16	22 32	1 46	20 18	0 55	21 19	1 34	8 49	0 37	16 44	1 43	17 43	16 11	23 4	23 11	22 16	0 42	3 39
S 28	8s 9	21n17	2n 3	4s40	0s40	13s 7	1s17	22n38	1n46	20s19	0n55	21s19	1n34	8s49	0n37	16n44	1s43	17n44	16n12	23n 4	23n11	22n15	0n43	3n39

Julian Day Number = 2350038.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'38, Lahiri = 19°58'39Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

MARCH 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 46	10♓ 8'20	15♌50	21♓38	0♓ 0	4♊ 4	5♐24	17♐33	24°R 9	22♉24	22°R38	10°R13	8♋43	28♋ 8	23♓26	S 1
M 2	10 37 43	11° 8'24	27°51	23°30	1°15	4°36	5°28	17°36	24♎ 7	22°25	22♍37	10♋ 5	8°40	28°15	23°29	M 2
T 3	10 41 40	12° 8'26	10♍ 2	25°20	2°30	5° 7	5°31	17°38	24° 6	22°26	22°35	9°55	8°37	28°21	23°33	T 3
W 4	10 45 36	13° 8'25	22°23	27° 7	3°45	5°39	5°35	17°41	24° 4	22°27	22°34	9°43	8°34	28°28	23°36	W 4
T 5	10 49 33	14° 8'23	4♎55	28°53	4°59	6°11	5°38	17°43	24° 2	22°28	22°32	9°31	8°31	28°35	23°40	T 5
F 6	10 53 29	15° 8'19	17°39	0♈35	6°14	6°43	5°42	17°45	24° 0	22°29	22°30	9°20	8°28	28°41	23°44	F 6
S 7	10 57 26	16° 8'14	0♏35	2°14	7°29	7°14	5°45	17°47	23°59	22°30	22°29	9°10	8°24	28°48	23°48	S 7
S 8	11 1 22	17° 8'06	13°42	3°49	8°44	7°47	5°48	17°49	23°57	22°31	22°27	9° 3	8°21	28°55	23°51	S 8
M 9	11 5 19	18° 7'57	27° 2	5°19	9°58	8°19	5°50	17°51	23°55	22°33	22°25	8°59	8°18	29° 1	23°55	M 9
T 10	11 9 15	19° 7'47	10♐36	6°45	11°13	8°51	5°53	17°53	23°53	22°34	22°24	8°57	8°15	29° 8	23°59	T 10
W11	11 13 12	20° 7'34	24°24	8° 5	12°28	9°23	5°55	17°55	23°51	22°35	22°22	8°D57	8°12	29°15	24° 2	W11
T 12	11 17 8	21° 7'21	8♑27	9°19	13°43	9°56	5°57	17°56	23°49	22°36	22°21	8°R57	8° 9	29°21	24° 6	T 12
F 13	11 21 5	22° 7'05	22°46	10°26	14°57	10°28	5°59	17°58	23°47	22°38	22°19	8°56	8° 5	29°28	24°10	F 13
S 14	11 25 2	23° 6'48	7♒18	11°27	16°12	11° 1	6° 1	17°59	23°45	22°39	22°17	8°54	8° 2	29°35	24°13	S 14
S 15	11 28 58	24° 6'28	21°59	12°21	17°27	11°34	6° 3	18° 1	23°43	22°40	22°16	8°48	7°59	29°41	24°17	S 15
M16	11 32 55	25° 6'07	6♓44	13° 7	18°41	12° 7	6° 4	18° 2	23°41	22°42	22°14	8°40	7°56	29°48	24°21	M16
T 17	11 36 51	26° 5'44	21°24	13°45	19°56	12°40	6° 5	18° 3	23°39	22°43	22°12	8°30	7°53	29°55	24°25	T 17
W18	11 40 48	27° 5'19	5♈52	14°16	21°11	13°13	6° 6	18° 4	23°36	22°44	22°11	8°18	7°49	0♌ 1	24°28	W18
T 19	11 44 44	28° 4'52	20° 2	14°39	22°25	13°46	6° 7	18° 5	23°34	22°46	22° 9	8° 6	7°46	0° 8	24°32	T 19
F 20	11 48 41	29° 4'22	3♉47	14°53	23°40	14°19	6° 8	18° 6	23°32	22°47	22° 8	7°56	7°43	0°15	24°36	F 20
S 21	11 52 37	0♈ 3'51	17° 7	15°R 0	24°55	14°52	6° 8	18° 7	23°30	22°49	22° 6	7°47	7°40	0°21	24°39	S 21
S 22	11 56 34	1° 3'17	0♊ 1	14°59	26° 9	15°25	6° 8	18° 7	23°27	22°50	22° 4	7°42	7°37	0°28	24°43	S 22
M23	12 0 31	2° 2'41	12°32	14°51	27°24	15°59	6°R 8	18° 8	23°25	22°52	22° 3	7°39	7°34	0°34	24°47	M23
T 24	12 4 27	3° 2'03	24°44	14°35	28°38	16°32	6° 8	18° 8	23°23	22°53	22° 1	7°37	7°30	0°41	24°51	T 24
W25	12 8 24	4° 1'22	6♋42	14°13	29°53	17° 6	6° 8	18° 8	23°20	22°55	22° 0	7°37	7°27	0°48	24°54	W25
T 26	12 12 20	5° 0'39	18°33	13°44	1♈ 7	17°39	6° 8	18° 9	23°18	22°57	21°58	7°37	7°24	0°54	24°58	T 26
F 27	12 16 17	5°59'54	0♌20	13°10	2°22	18°13	6° 7	18° 9	23°16	22°58	21°56	7°36	7°21	1° 1	25° 2	F 27
S 28	12 20 13	6°59'07	12°10	12°32	3°36	18°47	6° 6	18°R 9	23°13	23° 0	21°55	7°32	7°18	1° 8	25° 5	S 28
S 29	12 24 10	7°58'17	24° 7	11°49	4°51	19°20	6° 5	18° 9	23°11	23° 2	21°53	7°26	7°15	1°14	25° 9	S 29
M30	12 28 6	8°57'24	6♍15	11° 4	6° 5	19°54	6° 4	18° 9	23° 8	23° 3	21°52	7°17	7°11	1°21	25°13	M30
T 31	12 32 3	9♈56'30	18♍36	10♈16	7♈20	20♊28	6♐ 2	18♐ 8	23♎ 6	23♉ 5	21♍50	7♋ 6	7♋ 8	1♌28	25♓16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s47	18n56	2n58	3s47	0s30	12s42	1s18	22n43	1n46	20s19	0n56	21s20	1n34	8s48	0n37	16n44	1s43	17n45	16n12	23n 5	23n11	22n15	0n44	3n39
M 2	7 24	15 46	3 45	2 53	0 19	12 16	1 19	22 49	1 46	20 20	0 56	21 20	1 34	8 47	0 37	16 45	1 43	17 46	16 12	23 5	23 11	22 14	0 46	3 39
T 3	7 1	11 53	4 23	1 59	0 8	11 50	1 20	22 55	1 46	20 21	0 56	21 20	1 34	8 47	0 37	16 45	1 43	17 47	16 12	23 6	23 12	22 14	0 47	3 39
W 4	6 38	7 27	4 49	1 5	0n 4	11 24	1 21	23 1	1 46	20 21	0 56	21 20	1 35	8 46	0 37	16 45	1 43	17 47	16 12	23 7	23 12	22 13	0 48	3 39
T 5	6 15	2 40	5 2	0 12	0 17	10 57	1 21	23 6	1 45	20 22	0 56	21 20	1 35	8 46	0 37	16 46	1 43	17 48	16 12	23 8	23 12	22 13	0 50	3 39
F 6	5 52	2s19	5 0	0n41	0 29	10 31	1 22	23 11	1 45	20 22	0 56	21 20	1 35	8 45	0 37	16 46	1 43	17 49	16 13	23 9	23 12	22 12	0 51	3 38
S 7	5 29	7 17	4 42	1 32	0 42	10 3	1 23	23 17	1 45	20 23	0 56	21 20	1 35	8 44	0 37	16 46	1 42	17 50	16 13	23 9	23 12	22 11	0 52	3 38
S 8	5 5	12 0	4 10	2 22	0 55	9 36	1 24	23 22	1 45	20 23	0 56	21 20	1 35	8 44	0 37	16 47	1 42	17 50	16 13	23 10	23 13	22 11	0 54	3 38
M 9	4 42	16 14	3 23	3 10	1 9	9 8	1 24	23 27	1 45	20 23	0 56	21 20	1 35	8 43	0 37	16 47	1 42	17 51	16 13	23 10	23 13	22 10	0 55	3 38
T 10	4 18	19 41	2 25	3 56	1 22	8 40	1 25	23 32	1 45	20 24	0 56	21 21	1 35	8 42	0 37	16 47	1 42	17 52	16 13	23 10	23 13	22 10	0 57	3 38
W11	3 55	22 5	1 17	4 40	1 35	8 12	1 25	23 37	1 45	20 24	0 56	21 21	1 35	8 41	0 37	16 48	1 42	17 53	16 13	23 10	23 13	22 9	0 58	3 38
T 12	3 31	23 10	0 3	5 21	1 48	7 44	1 25	23 42	1 45	20 24	0 57	21 21	1 35	8 41	0 37	16 48	1 42	17 53	16 13	23 10	23 13	22 8	0 59	3 38
F 13	3 8	22 45	1s13	6 0	2 1	7 15	1 26	23 46	1 44	20 25	0 57	21 21	1 35	8 40	0 37	16 48	1 42	17 54	16 13	23 10	23 14	22 8	1 1	3 38
S 14	2 44	20 48	2 24	6 35	2 13	6 46	1 26	23 51	1 44	20 25	0 57	21 21	1 36	8 39	0 37	16 49	1 42	17 55	16 13	23 11	23 14	22 7	1 2	3 38
S 15	2 21	17 28	3 27	7 7	2 25	6 17	1 26	23 55	1 44	20 25	0 57	21 21	1 36	8 38	0 37	16 49	1 42	17 55	16 13	23 11	23 14	22 7	1 4	3 38
M16	1 57	13 1	4 16	7 35	2 36	5 48	1 26	24 0	1 44	20 25	0 57	21 21	1 36	8 38	0 37	16 50	1 42	17 56	16 13	23 11	23 14	22 6	1 5	3 38
T 17	1 33	7 49	4 48	7 59	2 47	5 19	1 26	24 4	1 44	20 25	0 57	21 21	1 36	8 37	0 38	16 50	1 42	17 57	16 13	23 12	23 14	22 5	1 6	3 38
W18	1 10	2 16	5 1	8 20	2 56	4 50	1 26	24 8	1 44	20 25	0 57	21 21	1 36	8 36	0 38	16 50	1 42	17 57	16 13	23 13	23 15	22 5	1 8	3 38
T 19	0 46	3n18	4 55	8 36	3 4	4 20	1 26	24 12	1 43	20 25	0 57	21 21	1 36	8 35	0 38	16 51	1 42	17 58	16 13	23 14	23 15	22 4	1 9	3 38
F 20	0 22	8 32	4 31	8 49	3 11	3 50	1 26	24 16	1 43	20 25	0 57	21 21	1 36	8 34	0 38	16 51	1 42	17 59	16 13	23 14	23 15	22 4	1 11	3 37
S 21	0n 2	13 14	3 54	8 57	3 17	3 21	1 26	24 19	1 43	20 25	0 57	21 21	1 36	8 33	0 38	16 52	1 42	17 59	16 13	23 15	23 15	22 3	1 12	3 37
S 22	0 25	17 10	3 5	9 0	3 22	2 51	1 26	24 23	1 43	20 25	0 57	21 21	1 36	8 33	0 38	16 52	1 42	18 0	16 13	23 15	23 15	22 2	1 13	3 37
M23	0 49	20 12	2 9	9 0	3 25	2 21	1 26	24 26	1 43	20 25	0 57	21 21	1 36	8 32	0 38	16 53	1 42	18 1	16 13	23 15	23 16	22 2	1 15	3 37
T 24	1 12	22 14	1 8	8 55	3 26	1 51	1 25	24 30	1 43	20 25	0 58	21 21	1 37	8 31	0 38	16 53	1 42	18 1	16 13	23 15	23 16	22 1	1 16	3 37
W25	1 36	23 13	0 5	8 46	3 26	1 21	1 25	24 33	1 42	20 25	0 58	21 20	1 37	8 30	0 38	16 53	1 42	18 2	16 13	23 15	23 16	22 0	1 18	3 37
T 26	2 0	23 8	0n58	8 33	3 24	0 50	1 24	24 36	1 42	20 25	0 58	21 20	1 37	8 29	0 38	16 54	1 42	18 2	16 13	23 15	23 16	22 0	1 19	3 37
F 27	2 23	22 1	1 57	8 16	3 20	0 20	1 24	24 39	1 42	20 25	0 58	21 20	1 37	8 28	0 38	16 54	1 41	18 3	16 13	23 15	23 16	21 59	1 21	3 37
S 28	2 47	19 55	2 52	7 56	3 14	0n10	1 23	24 41	1 42	20 24	0 58	21 20	1 37	8 27	0 38	16 55	1 41	18 3	16 13	23 16	23 16	21 58	1 22	3 37
S 29	3 10	16 57	3 40	7 33	3 7	0 40	1 22	24 44	1 42	20 24	0 58	21 20	1 37	8 26	0 38	16 55	1 41	18 4	16 13	23 16	23 17	21 58	1 23	3 37
M30	3 33	13 13	4 18	7 7	2 58	1 10	1 22	24 46	1 41	20 24	0 58	21 20	1 37	8 25	0 38	16 56	1 41	18 4	16 13	23 16	23 17	21 57	1 25	3 37
T 31	3n57	8n53	4n45	6n39	2n48	1n40	1s21	24n49	1n41	20s24	0n58	21s20	1n37	8s25	0n38	16n56	1s41	18n 5	16n13	23n17	23n17	21n56	1n26	3n37

Julian Day Number = 2350066.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'42, Lahiri = 19°58'42Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

APRIL 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 0	10♈55'33	1♎12	9°R28	8♈34	21♊ 2	6°R 1	18°R 8	23°R 3	23♉ 7	21°R49	6°R53	7♋ 5	1♌34	25♓20	W 1
T 2	12 39 56	11°54'35	14° 2	8♈39	9°48	21°36	5♐59	18♐ 8	23♎ 1	23° 9	21♍47	6♋39	7° 2	1°41	25°23	T 2
F 3	12 43 53	12°53'34	27° 7	7°52	11° 3	22°10	5°57	18° 7	22°58	23°10	21°46	6°27	6°59	1°48	25°27	F 3
S 4	12 47 49	13°52'31	10♏24	7° 6	12°17	22°44	5°55	18° 6	22°56	23°12	21°44	6°16	6°55	1°54	25°31	S 4
S 5	12 51 46	14°51'27	23°53	6°23	13°31	23°18	5°53	18° 6	22°53	23°14	21°43	6° 8	6°52	2° 1	25°34	S 5
M 6	12 55 42	15°50'21	7♐31	5°42	14°46	23°52	5°50	18° 5	22°51	23°16	21°41	6° 3	6°49	2° 8	25°38	M 6
T 7	12 59 39	16°49'13	21°17	5° 6	16° 0	24°27	5°47	18° 4	22°48	23°18	21°40	6° 0	6°46	2°14	25°41	T 7
W 8	13 3 35	17°48'03	5♑11	4°34	17°14	25° 1	5°44	18° 3	22°46	23°20	21°38	6°D 0	6°43	2°21	25°45	W 8
T 9	13 7 32	18°46'52	19°12	4° 7	18°29	25°35	5°41	18° 2	22°43	23°22	21°37	6°R 0	6°40	2°28	25°48	T 9
F 10	13 11 29	19°45'38	3♒21	3°44	19°43	26°10	5°38	18° 1	22°41	23°23	21°36	5°59	6°36	2°34	25°52	F 10
S 11	13 15 25	20°44'24	17°35	3°27	20°57	26°44	5°35	17°59	22°38	23°25	21°34	5°57	6°33	2°41	25°55	S 11
S 12	13 19 22	21°43'07	1♓53	3°15	22°12	27°19	5°31	17°58	22°36	23°27	21°33	5°52	6°30	2°48	25°59	S 12
M13	13 23 18	22°41'49	16°11	3° 8	23°26	27°53	5°27	17°56	22°33	23°29	21°31	5°44	6°27	2°54	26° 2	M13
T 14	13 27 15	23°40'28	0♈26	3°D 6	24°40	28°28	5°24	17°55	22°30	23°31	21°30	5°35	6°24	3° 1	26° 5	T 14
W15	13 31 11	24°39'06	14°30	3°10	25°54	29° 3	5°19	17°53	22°28	23°33	21°29	5°24	6°20	3° 8	26° 9	W15
T 16	13 35 8	25°37'42	28°21	3°18	27° 8	29°37	5°15	17°51	22°25	23°35	21°27	5°12	6°17	3°14	26°12	T 16
F 17	13 39 4	26°36'17	11♉52	3°32	28°23	0♋12	5°11	17°49	22°23	23°37	21°26	5° 2	6°14	3°21	26°15	F 17
S 18	13 43 1	27°34'49	25° 3	3°50	29°37	0°47	5° 6	17°47	22°20	23°40	21°25	4°54	6°11	3°28	26°19	S 18
S 19	13 46 57	28°33'19	7♊52	4°13	0♉51	1°22	5° 2	17°45	22°18	23°42	21°24	4°48	6° 8	3°34	26°22	S 19
M20	13 50 54	29°31'47	20°22	4°40	2° 5	1°56	4°57	17°43	22°15	23°44	21°23	4°45	6° 5	3°41	26°25	M20
T 21	13 54 51	0♉30'14	2♋34	5°11	3°19	2°31	4°52	17°41	22°13	23°46	21°21	4°D44	6° 1	3°48	26°28	T 21
W22	13 58 47	1°28'38	14°34	5°47	4°33	3° 6	4°47	17°39	22°10	23°48	21°20	4°44	5°58	3°54	26°32	W22
T 23	14 2 44	2°26'59	26°25	6°26	5°47	3°41	4°41	17°36	22° 7	23°50	21°19	4°45	5°55	4° 1	26°35	T 23
F 24	14 6 40	3°25'19	8♌15	7° 9	7° 2	4°16	4°36	17°34	22° 5	23°52	21°18	4°R45	5°52	4° 8	26°38	F 24
S 25	14 10 37	4°23'37	20° 7	7°56	8°16	4°51	4°30	17°31	22° 2	23°54	21°17	4°44	5°49	4°14	26°41	S 25
S 26	14 14 33	5°21'53	2♍ 6	8°46	9°30	5°26	4°25	17°29	22° 0	23°56	21°16	4°40	5°46	4°21	26°44	S 26
M27	14 18 30	6°20'06	14°18	9°39	10°44	6° 2	4°19	17°26	21°58	23°59	21°15	4°34	5°42	4°28	26°47	M27
T 28	14 22 26	7°18'18	26°46	10°35	11°58	6°37	4°13	17°23	21°55	24° 1	21°14	4°27	5°39	4°34	26°50	T 28
W29	14 26 23	8°16'27	9♎32	11°35	13°12	7°12	4° 7	17°20	21°53	24° 3	21°13	4°18	5°36	4°41	26°53	W29
T 30	14 30 20	9♉14'35	22♎38	12♈37	14♉26	7♋47	4♐ 0	17♐17	21♎50	24♉ 5	21♍12	4♋ 8	5♋33	4♌48	26♓56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n20	4n 5	4n59	6n 9	2n36	2n11	1s20	24n51	1n41	20s23	0n58	21s20	1n37	8s24	0n38	16n57	1s41	18n 5	16n13	23n18	23n17	21n55	1n28	3n37
T 2	4 43	0s58	4 58	5 38	2 23	2 41	1 19	24 53	1 41	20 23	0 58	21 20	1 37	8 23	0 38	16 57	1 41	18 6	16 12	23 18	23 17	21 55	1 29	3 37
F 3	5 6	6 5	4 41	5 6	2 9	3 11	1 18	24 55	1 41	20 23	0 58	21 19	1 37	8 22	0 38	16 58	1 41	18 6	16 12	23 19	23 17	21 54	1 31	3 37
S 4	5 29	11 1	4 9	4 35	1 55	3 41	1 17	24 57	1 40	20 22	0 58	21 19	1 38	8 21	0 38	16 58	1 41	18 7	16 12	23 20	23 18	21 53	1 32	3 37
S 5	5 52	15 30	3 23	4 3	1 39	4 11	1 16	24 58	1 40	20 22	0 58	21 19	1 38	8 20	0 38	16 59	1 41	18 7	16 12	23 20	23 18	21 53	1 33	3 37
M 6	6 15	19 13	2 25	3 33	1 23	4 41	1 15	25 0	1 40	20 21	0 58	21 19	1 38	8 19	0 38	16 59	1 41	18 8	16 12	23 20	23 18	21 52	1 35	3 37
T 7	6 37	21 54	1 17	3 3	1 7	5 10	1 13	25 1	1 40	20 21	0 59	21 19	1 38	8 18	0 38	17 0	1 41	18 8	16 12	23 20	23 18	21 51	1 36	3 37
W 8	7 0	23 18	0 4	2 35	0 50	5 40	1 12	25 2	1 39	20 20	0 59	21 19	1 38	8 17	0 38	17 0	1 41	18 9	16 12	23 20	23 18	21 50	1 38	3 37
T 9	7 22	23 15	1s 9	2 9	0 34	6 10	1 11	25 3	1 39	20 19	0 59	21 18	1 38	8 16	0 38	17 1	1 41	18 9	16 11	23 20	23 18	21 50	1 39	3 37
F 10	7 44	21 42	2 20	1 46	0 18	6 39	1 10	25 4	1 39	20 19	0 59	21 18	1 38	8 15	0 38	17 1	1 41	18 9	16 11	23 20	23 19	21 49	1 40	3 37
S 11	8 7	18 47	3 21	1 24	0 2	7 8	1 8	25 5	1 39	20 18	0 59	21 18	1 38	8 14	0 38	17 2	1 41	18 10	16 11	23 20	23 19	21 48	1 42	3 37
S 12	8 29	14 43	4 11	1 5	0s14	7 37	1 7	25 5	1 38	20 18	0 59	21 18	1 38	8 13	0 38	17 2	1 41	18 10	16 11	23 21	23 19	21 47	1 43	3 37
M13	8 51	9 49	4 45	0 49	0 29	8 6	1 5	25 6	1 38	20 17	0 59	21 18	1 38	8 12	0 38	17 3	1 41	18 10	16 11	23 21	23 19	21 46	1 45	3 37
T 14	9 12	4 25	5 1	0 35	0 43	8 35	1 4	25 6	1 38	20 16	0 59	21 17	1 38	8 11	0 38	17 3	1 41	18 11	16 10	23 21	23 19	21 46	1 46	3 37
W15	9 34	1n 9	4 58	0 23	0 57	9 4	1 2	25 6	1 38	20 15	0 59	21 17	1 38	8 10	0 38	17 4	1 41	18 11	16 10	23 22	23 19	21 45	1 47	3 37
T 16	9 55	6 34	4 38	0 15	1 10	9 32	1 0	25 6	1 37	20 15	0 59	21 17	1 39	8 10	0 38	17 4	1 41	18 11	16 10	23 22	23 20	21 44	1 49	3 37
F 17	10 17	11 34	4 2	0 9	1 22	10 0	0 59	25 6	1 37	20 14	0 59	21 17	1 39	8 9	0 38	17 5	1 41	18 12	16 10	23 23	23 20	21 43	1 50	3 37
S 18	10 38	15 54	3 15	0 5	1 34	10 28	0 57	25 5	1 37	20 13	0 59	21 17	1 39	8 8	0 38	17 5	1 41	18 12	16 9	23 23	23 20	21 42	1 51	3 37
S 19	10 59	19 23	2 18	0 4	1 45	10 56	0 55	25 5	1 37	20 12	0 59	21 16	1 39	8 7	0 38	17 6	1 41	18 12	16 9	23 23	23 20	21 42	1 53	3 37
M20	11 19	21 52	1 16	0 6	1 55	11 23	0 53	25 4	1 36	20 11	0 59	21 16	1 39	8 6	0 38	17 7	1 41	18 12	16 9	23 23	23 20	21 41	1 54	3 37
T 21	11 40	23 15	0 12	0 9	2 5	11 50	0 51	25 3	1 36	20 10	0 59	21 16	1 39	8 5	0 37	17 7	1 41	18 13	16 9	23 23	23 20	21 40	1 55	3 37
W22	12 0	23 33	0n52	0 16	2 13	12 17	0 49	25 2	1 36	20 9	0 59	21 15	1 39	8 4	0 37	17 8	1 41	18 13	16 8	23 23	23 20	21 39	1 57	3 37
T 23	12 21	22 45	1 53	0 24	2 21	12 44	0 47	25 1	1 36	20 8	0 59	21 15	1 39	8 3	0 37	17 8	1 41	18 13	16 8	23 23	23 21	21 38	1 58	3 38
F 24	12 40	20 57	2 49	0 34	2 28	13 10	0 45	25 0	1 35	20 7	0 59	21 15	1 39	8 2	0 37	17 9	1 40	18 13	16 8	23 23	23 21	21 38	1 59	3 38
S 25	13 0	18 15	3 38	0 47	2 35	13 36	0 43	24 58	1 35	20 6	0 59	21 15	1 39	8 1	0 37	17 9	1 40	18 13	16 7	23 23	23 21	21 37	2 0	3 38
S 26	13 20	14 45	4 18	1 1	2 41	14 1	0 41	24 57	1 35	20 5	0 59	21 14	1 39	8 0	0 37	17 10	1 40	18 14	16 7	23 24	23 21	21 36	2 2	3 38
M27	13 39	10 35	4 47	1 17	2 46	14 27	0 39	24 55	1 35	20 4	0 59	21 14	1 39	7 59	0 37	17 10	1 40	18 14	16 7	23 24	23 21	21 35	2 3	3 38
T 28	13 58	5 55	5 3	1 36	2 50	14 52	0 37	24 53	1 34	20 3	0 59	21 14	1 39	7 58	0 37	17 11	1 40	18 14	16 6	23 24	23 21	21 34	2 4	3 38
W29	14 17	0 52	5 4	1 55	2 53	15 16	0 35	24 51	1 34	20 2	0 59	21 13	1 39	7 58	0 37	17 11	1 40	18 14	16 6	23 24	23 21	21 33	2 6	3 38
T 30	14n36	4s20	4n50	2n17	2s56	15n40	0s33	24n48	1n34	20s 1	0n59	21s13	1n39	7s57	0n37	17n12	1s40	18n14	16n 6	23n25	23n22	21n32	2n 7	3n38

Julian Day Number = 2350097.5, Delta T = 10.49 sec
Ecliptic obliquity = 23°28'31, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'46, Lahiri = 19°58'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

MAY 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 34 16	10♉12'41	6♏ 1	13♈42	15♉39	8♋22	3°R54	17°R14	21°R48	24♉ 7	21°R11	3°R59	5♋30	4♌54	26♓59	F 1
S 2	14 38 13	11°10'45	19°41	14°50	16°53	8°58	3♐48	17♐11	21♎45	24° 9	21♍10	3♋51	5°26	5° 1	27° 2	S 2
S 3	14 42 9	12° 8'48	3♐35	16° 0	18° 7	9°33	3°41	17° 8	21°43	24°12	21° 9	3°46	5°23	5° 8	27° 5	S 3
M 4	14 46 6	13° 6'49	17°38	17°13	19°21	10° 8	3°35	17° 5	21°41	24°14	21° 8	3°42	5°20	5°14	27° 8	M 4
T 5	14 50 2	14° 4'49	1♑47	18°29	20°35	10°44	3°28	17° 2	21°38	24°16	21° 7	3°D41	5°17	5°21	27°10	T 5
W 6	14 53 59	15° 2'47	15°59	19°47	21°49	11°19	3°21	16°58	21°36	24°18	21° 6	3°42	5°14	5°28	27°13	W 6
T 7	14 57 55	16° 0'45	0♒11	21° 7	23° 3	11°54	3°14	16°55	21°34	24°21	21° 6	3°43	5°11	5°34	27°16	T 7
F 8	15 1 52	16°58'40	14°22	22°30	24°17	12°30	3° 7	16°51	21°32	24°23	21° 5	3°R44	5° 7	5°41	27°19	F 8
S 9	15 5 49	17°56'35	28°30	23°54	25°31	13° 5	3° 0	16°48	21°29	24°25	21° 4	3°43	5° 4	5°48	27°21	S 9
S 10	15 9 45	18°54'28	12♓33	25°22	26°44	13°41	2°53	16°44	21°27	24°27	21° 3	3°41	5° 1	5°54	27°24	S 10
M11	15 13 42	19°52'20	26°30	26°51	27°58	14°17	2°46	16°41	21°25	24°29	21° 3	3°37	4°58	6° 1	27°26	M11
T 12	15 17 38	20°50'11	10♈18	28°22	29°12	14°52	2°38	16°37	21°23	24°32	21° 2	3°31	4°55	6° 8	27°29	T 12
W13	15 21 35	21°48'00	23°56	29°56	0♊26	15°28	2°31	16°33	21°21	24°34	21° 1	3°24	4°52	6°14	27°31	W13
T 14	15 25 31	22°45'49	7♉20	1♉32	1°40	16° 3	2°24	16°29	21°19	24°36	21° 1	3°17	4°48	6°21	27°34	T 14
F 15	15 29 28	23°43'35	20°30	3°10	2°53	16°39	2°16	16°25	21°17	24°38	21° 0	3°11	4°45	6°28	27°36	F 15
S 16	15 33 24	24°41'21	3♊23	4°50	4° 7	17°15	2° 9	16°22	21°15	24°41	21° 0	3° 6	4°42	6°34	27°39	S 16
S 17	15 37 21	25°39'05	16° 0	6°33	5°21	17°51	2° 1	16°18	21°13	24°43	20°59	3° 3	4°39	6°41	27°41	S 17
M18	15 41 18	26°36'48	28°22	8°17	6°34	18°26	1°54	16°14	21°11	24°45	20°59	3°D 2	4°36	6°48	27°43	M18
T 19	15 45 14	27°34'29	10♋30	10° 4	7°48	19° 2	1°46	16°10	21° 9	24°47	20°58	3° 2	4°32	6°54	27°46	T 19
W20	15 49 11	28°32'09	22°28	11°53	9° 2	19°38	1°38	16° 5	21° 7	24°50	20°58	3° 3	4°29	7° 1	27°48	W20
T 21	15 53 7	29°29'48	4♌20	13°43	10°16	20°14	1°31	16° 1	21° 5	24°52	20°58	3° 5	4°26	7° 8	27°50	T 21
F 22	15 57 4	0♊27'25	16° 9	15°37	11°29	20°50	1°23	15°57	21° 3	24°54	20°57	3° 7	4°23	7°14	27°52	F 22
S 23	16 1 0	1°25'00	28° 2	17°32	12°43	21°26	1°15	15°53	21° 2	24°56	20°57	3°R 7	4°20	7°21	27°54	S 23
S 24	16 4 57	2°22'34	10♍ 2	19°29	13°57	22° 2	1° 8	15°49	21° 0	24°59	20°57	3° 7	4°17	7°28	27°56	S 24
M25	16 8 53	3°20'06	22°15	21°28	15°10	22°37	1° 0	15°45	20°58	25° 1	20°56	3° 6	4°13	7°34	27°58	M25
T 26	16 12 50	4°17'38	4♎44	23°29	16°24	23°13	0°53	15°40	20°57	25° 3	20°56	3° 3	4°10	7°41	28° 0	T 26
W27	16 16 47	5°15'07	17°34	25°32	17°37	23°49	0°45	15°36	20°55	25° 5	20°56	2°59	4° 7	7°48	28° 2	W27
T 28	16 20 43	6°12'36	0♏47	27°37	18°51	24°25	0°37	15°32	20°53	25° 8	20°56	2°55	4° 4	7°54	28° 4	T 28
F 29	16 24 40	7°10'03	14°22	29°44	20° 4	25° 2	0°30	15°27	20°52	25°10	20°56	2°51	4° 1	8° 1	28° 6	F 29
S 30	16 28 36	8° 7'29	28°19	1♊52	21°18	25°38	0°22	15°23	20°50	25°12	20°56	2°48	3°58	8° 8	28° 7	S 30
S 31	16 32 33	9♊ 4'55	12♐33	4♊ 1	22♊31	26♋14	0♐15	15♐19	20♎49	25♉14	20♍56	2♋46	3♋54	8♌14	28♓ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n54	9s28	4n19	2n40	2s59	16n 4	0s30	24n46	1n34	20s 0	0n59	21s13	1n39	7s56	0n37	17n13	1s40	18n14	16n 5	23n25	23n22	21n31	2n 8	3n38
S 2	15 12	14 15	3 34	3 5	3 0	16 27	0 28	24 43	1 33	19 58	0 59	21 12	1 39	7 55	0 37	17 13	1 40	18 14	16 5	23 25	23 22	21 31	2 9	3 38
S 3	15 30	18 22	2 35	3 31	3 1	16 50	0 26	24 41	1 33	19 57	0 59	21 12	1 40	7 54	0 37	17 14	1 40	18 14	16 5	23 25	23 22	21 30	2 10	3 38
M 4	15 48	21 29	1 25	3 59	3 1	17 13	0 24	24 38	1 33	19 56	0 59	21 12	1 40	7 53	0 37	17 14	1 40	18 14	16 4	23 25	23 22	21 29	2 12	3 38
T 5	16 5	23 17	0 10	4 28	3 1	17 35	0 21	24 35	1 32	19 55	0 59	21 11	1 40	7 52	0 37	17 15	1 40	18 14	16 4	23 25	23 22	21 28	2 13	3 38
W 6	16 22	23 36	1s 6	4 58	3 0	17 56	0 19	24 31	1 32	19 53	0 59	21 11	1 40	7 51	0 37	17 15	1 40	18 14	16 4	23 25	23 22	21 27	2 14	3 38
T 7	16 39	22 23	2 18	5 30	2 58	18 18	0 17	24 28	1 32	19 52	0 59	21 11	1 40	7 51	0 37	17 16	1 40	18 14	16 3	23 25	23 22	21 26	2 15	3 38
F 8	16 56	19 46	3 22	6 2	2 56	18 38	0 14	24 24	1 32	19 51	0 59	21 10	1 40	7 50	0 37	17 16	1 40	18 14	16 3	23 25	23 23	21 25	2 16	3 39
S 9	17 12	15 58	4 13	6 36	2 53	18 58	0 12	24 21	1 31	19 50	0 59	21 10	1 40	7 49	0 37	17 17	1 40	18 14	16 3	23 25	23 23	21 24	2 17	3 39
S 10	17 28	11 18	4 48	7 11	2 50	19 18	0 10	24 17	1 31	19 48	0 59	21 10	1 40	7 48	0 37	17 18	1 40	18 14	16 2	23 25	23 23	21 23	2 19	3 39
M11	17 44	6 5	5 7	7 47	2 46	19 37	0 7	24 13	1 31	19 47	0 59	21 9	1 40	7 47	0 37	17 18	1 40	18 14	16 2	23 26	23 23	21 22	2 20	3 39
T 12	17 59	0 37	5 7	8 24	2 42	19 56	0 5	24 8	1 30	19 46	0 59	21 9	1 40	7 47	0 37	17 19	1 40	18 14	16 1	23 26	23 23	21 21	2 21	3 39
W13	18 15	4n49	4 50	9 1	2 37	20 14	0 2	24 4	1 30	19 44	0 59	21 8	1 40	7 46	0 37	17 19	1 40	18 14	16 1	23 26	23 23	21 20	2 22	3 39
T 14	18 29	9 56	4 17	9 40	2 31	20 31	0n 0	24 0	1 30	19 43	0 59	21 8	1 40	7 45	0 37	17 20	1 40	18 14	16 1	23 26	23 23	21 19	2 23	3 39
F 15	18 44	14 31	3 30	10 19	2 25	20 48	0 2	23 55	1 29	19 41	0 59	21 8	1 40	7 44	0 37	17 20	1 40	18 13	16 0	23 26	23 23	21 19	2 24	3 39
S 16	18 58	18 20	2 34	10 59	2 18	21 5	0 5	23 50	1 29	19 40	0 58	21 7	1 40	7 44	0 37	17 21	1 40	18 13	16 0	23 26	23 23	21 18	2 25	3 39
S 17	19 12	21 13	1 31	11 39	2 11	21 21	0 7	23 45	1 29	19 39	0 58	21 7	1 40	7 43	0 37	17 21	1 40	18 13	15 59	23 26	23 24	21 17	2 26	3 39
M18	19 26	23 2	0 25	12 20	2 4	21 36	0 10	23 40	1 29	19 37	0 58	21 6	1 40	7 42	0 37	17 22	1 40	18 13	15 59	23 26	23 24	21 16	2 27	3 40
T 19	19 39	23 44	0n41	13 1	1 56	21 51	0 12	23 35	1 28	19 36	0 58	21 6	1 40	7 42	0 37	17 22	1 40	18 13	15 58	23 26	23 24	21 15	2 28	3 40
W20	19 52	23 19	1 44	13 43	1 47	22 5	0 15	23 29	1 28	19 34	0 58	21 6	1 40	7 41	0 37	17 23	1 40	18 12	15 58	23 26	23 24	21 14	2 29	3 40
T 21	20 4	21 50	2 43	14 25	1 38	22 18	0 17	23 24	1 28	19 33	0 58	21 5	1 40	7 40	0 37	17 24	1 40	18 12	15 58	23 26	23 24	21 13	2 30	3 40
F 22	20 17	19 25	3 34	15 7	1 29	22 31	0 19	23 18	1 27	19 31	0 58	21 5	1 40	7 40	0 37	17 24	1 40	18 12	15 57	23 26	23 24	21 12	2 31	3 40
S 23	20 29	16 11	4 17	15 49	1 20	22 43	0 22	23 12	1 27	19 30	0 58	21 4	1 40	7 39	0 37	17 25	1 40	18 12	15 57	23 26	23 24	21 11	2 32	3 40
S 24	20 40	12 16	4 48	16 30	1 10	22 55	0 24	23 6	1 27	19 29	0 58	21 4	1 40	7 38	0 37	17 25	1 40	18 11	15 56	23 26	23 24	21 10	2 33	3 40
M25	20 51	7 47	5 8	17 12	1 0	23 5	0 27	23 0	1 26	19 27	0 58	21 4	1 40	7 38	0 37	17 26	1 40	18 11	15 56	23 26	23 24	21 9	2 34	3 40
T 26	21 2	2 54	5 13	17 53	0 49	23 16	0 29	22 53	1 26	19 26	0 57	21 3	1 40	7 37	0 37	17 26	1 40	18 11	15 55	23 26	23 25	21 8	2 34	3 40
W27	21 13	2s14	5 3	18 33	0 39	23 25	0 31	22 47	1 26	19 24	0 57	21 3	1 40	7 37	0 37	17 27	1 40	18 10	15 55	23 26	23 25	21 7	2 35	3 41
T 28	21 23	7 26	4 37	19 12	0 28	23 34	0 34	22 40	1 25	19 23	0 57	21 2	1 40	7 36	0 37	17 27	1 40	18 10	15 55	23 27	23 25	21 5	2 36	3 41
F 29	21 32	12 26	3 55	19 50	0 17	23 42	0 36	22 33	1 25	19 21	0 57	21 2	1 39	7 35	0 37	17 28	1 40	18 10	15 54	23 27	23 25	21 4	2 37	3 41
S 30	21 42	16 55	2 58	20 27	0 7	23 50	0 38	22 26	1 25	19 20	0 57	21 1	1 39	7 35	0 37	17 28	1 40	18 9	15 54	23 27	23 25	21 3	2 38	3 41
S 31	21n51	20s32	1n49	21n 3	0n 4	23n56	0n41	22n19	1n24	19s18	0n57	21s 1	1n39	7s34	0n37	17n29	1s40	18n 9	15n53	23n27	23n25	21n 2	2n39	3n41

Julian Day Number = 2350127.5, Delta T = 10.50 sec
Ecliptic obliquity = 23°28'31, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'50, Lahiri = 19°58'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

JUNE 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 36 29	10♊ 2'19	27♐ 1	6♊11	23♊45	26♋50	0°R 7	15°R14	20°R48	25♉16	20°D56	2°D45	3♋51	8♌21	28♓11	M 1
T 2	16 40 26	10°59'43	11♑36	8°22	24°58	27°26	29♏59	15♐10	20♎46	25°19	20♍56	2♋45	3°48	8°28	28°12	T 2
W 3	16 44 23	11°57'05	26°13	10°34	26°12	28° 2	29°53	15° 5	20°45	25°21	20°56	2°46	3°45	8°34	28°14	W 3
T 4	16 48 19	12°54'28	10♒46	12°46	27°25	28°38	29°45	15° 1	20°44	25°23	20°56	2°47	3°42	8°41	28°15	T 4
F 5	16 52 16	13°51'49	25°10	14°58	28°39	29°15	29°38	14°57	20°43	25°25	20°56	2°48	3°38	8°48	28°17	F 5
S 6	16 56 12	14°49'10	9♓23	17°10	29°52	29°51	29°31	14°52	20°41	25°27	20°56	2°R49	3°35	8°54	28°18	S 6
S 7	17 0 9	15°46'31	23°23	19°21	1♋ 6	0♌27	29°24	14°48	20°40	25°29	20°56	2°49	3°32	9° 1	28°20	S 7
M 8	17 4 5	16°43'50	7♈ 8	21°32	2°19	1° 3	29°17	14°43	20°39	25°32	20°56	2°48	3°29	9° 8	28°21	M 8
T 9	17 8 2	17°41'10	20°38	23°41	3°33	1°40	29°10	14°39	20°38	25°34	20°57	2°47	3°26	9°14	28°22	T 9
W10	17 11 58	18°38'29	3♉53	25°50	4°46	2°16	29° 3	14°34	20°37	25°36	20°57	2°45	3°23	9°21	28°23	W10
T 11	17 15 55	19°35'48	16°54	27°57	5°59	2°52	28°56	14°30	20°36	25°38	20°57	2°43	3°19	9°28	28°24	T 11
F 12	17 19 52	20°33'06	29°41	0♋ 2	7°13	3°29	28°49	14°26	20°35	25°40	20°57	2°42	3°16	9°34	28°26	F 12
S 13	17 23 48	21°30'24	12♊15	2° 6	8°26	4° 5	28°43	14°21	20°34	25°42	20°58	2°40	3°13	9°41	28°27	S 13
S 14	17 27 45	22°27'41	24°36	4° 7	9°40	4°42	28°36	14°17	20°34	25°44	20°58	2°40	3°10	9°48	28°28	S 14
M15	17 31 41	23°24'58	6♋46	6° 7	10°53	5°18	28°30	14°13	20°33	25°46	20°59	2°D40	3° 7	9°54	28°28	M15
T 16	17 35 38	24°22'14	18°47	8° 5	12° 6	5°55	28°24	14° 8	20°32	25°48	20°59	2°40	3° 4	10° 1	28°29	T 16
W17	17 39 34	25°19'30	0♌41	10° 1	13°20	6°31	28°18	14° 4	20°32	25°50	21° 0	2°41	3° 0	10° 8	28°30	W17
T 18	17 43 31	26°16'45	12°31	11°54	14°33	7° 8	28°12	14° 0	20°31	25°52	21° 0	2°41	2°57	10°14	28°31	T 18
F 19	17 47 27	27°14'00	24°20	13°46	15°46	7°44	28° 6	13°55	20°31	25°54	21° 1	2°42	2°54	10°21	28°32	F 19
S 20	17 51 24	28°11'13	6♍13	15°35	16°59	8°21	28° 0	13°51	20°30	25°56	21° 1	2°42	2°51	10°28	28°32	S 20
S 21	17 55 21	29° 8'27	18°12	17°22	18°13	8°57	27°54	13°47	20°30	25°58	21° 2	2°43	2°48	10°34	28°33	S 21
M22	17 59 17	0♋ 5'39	0♎24	19° 6	19°26	9°34	27°49	13°43	20°29	26° 0	21° 2	2°R43	2°44	10°41	28°34	M22
T 23	18 3 14	1° 2'51	12°52	20°49	20°39	10°11	27°43	13°39	20°29	26° 2	21° 3	2°43	2°41	10°48	28°34	T 23
W24	18 7 10	2° 0'03	25°40	22°29	21°52	10°47	27°38	13°35	20°29	26° 4	21° 4	2°43	2°38	10°54	28°35	W24
T 25	18 11 7	2°57'14	8♏51	24° 7	23° 5	11°24	27°33	13°31	20°28	26° 6	21° 5	2°D43	2°35	11° 1	28°35	T 25
F 26	18 15 3	3°54'25	22°28	25°42	24°19	12° 1	27°28	13°27	20°28	26° 8	21° 5	2°43	2°32	11° 8	28°35	F 26
S 27	18 19 0	4°51'35	6♐30	27°16	25°32	12°38	27°23	13°23	20°28	26°10	21° 6	2°43	2°29	11°14	28°36	S 27
S 28	18 22 56	5°48'45	20°56	28°47	26°45	13°14	27°19	13°19	20°28	26°11	21° 7	2°43	2°25	11°21	28°36	S 28
M29	18 26 53	6°45'56	5♑40	0♌16	27°58	13°51	27°14	13°15	20°D28	26°13	21° 8	2°R43	2°22	11°28	28°36	M29
T 30	18 30 50	7♋43'06	20♑37	1♌42	29♋11	14♌28	27♏10	13♐11	20♎28	26♉15	21♍ 9	2♋43	2♋19	11♌34	28♓36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n59	22s55	0n32	21n37	0n15	24n 2	0n43	22n12	1n24	19s17	0n57	21s 1	1n39	7s34	0n37	17n29	1s40	18n 9	15n53	23n27	23n25	21n 1	2n39	3n41
T 2	22 8	23 47	0s49	22 9	0 25	24 8	0 45	22 4	1 24	19 16	0 57	21 0	1 39	7 33	0 37	17 30	1 40	18 8	15 52	23 27	23 25	21 0	2 40	3 41
W 3	22 15	23 0	2 6	22 39	0 35	24 12	0 47	21 57	1 24	19 14	0 56	21 0	1 39	7 33	0 36	17 30	1 40	18 8	15 52	23 27	23 25	20 59	2 41	3 41
T 4	22 23	20 41	3 15	23 6	0 45	24 16	0 49	21 49	1 23	19 13	0 56	20 59	1 39	7 33	0 36	17 31	1 40	18 7	15 51	23 27	23 25	20 58	2 42	3 42
F 5	22 30	17 5	4 10	23 31	0 54	24 20	0 52	21 41	1 23	19 11	0 56	20 59	1 39	7 32	0 36	17 31	1 40	18 7	15 51	23 27	23 25	20 57	2 42	3 42
S 6	22 37	12 32	4 50	23 54	1 3	24 22	0 54	21 33	1 23	19 10	0 56	20 59	1 39	7 32	0 36	17 32	1 40	18 6	15 50	23 27	23 26	20 56	2 43	3 42
S 7	22 43	7 24	5 12	24 14	1 11	24 24	0 56	21 25	1 22	19 9	0 56	20 58	1 39	7 31	0 36	17 32	1 40	18 6	15 50	23 27	23 26	20 55	2 44	3 42
M 8	22 49	1 59	5 15	24 31	1 19	24 25	0 58	21 17	1 22	19 7	0 56	20 58	1 39	7 31	0 36	17 33	1 40	18 5	15 50	23 27	23 26	20 54	2 44	3 42
T 9	22 54	3n25	5 1	24 46	1 26	24 25	1 0	21 9	1 22	19 6	0 55	20 57	1 39	7 31	0 36	17 33	1 40	18 5	15 49	23 27	23 26	20 53	2 45	3 42
W10	22 59	8 35	4 31	24 57	1 33	24 25	1 2	21 0	1 21	19 5	0 55	20 57	1 39	7 30	0 36	17 34	1 40	18 4	15 49	23 27	23 26	20 52	2 45	3 42
T 11	23 4	13 17	3 47	25 6	1 39	24 24	1 4	20 51	1 21	19 3	0 55	20 56	1 39	7 30	0 36	17 34	1 40	18 4	15 48	23 27	23 26	20 50	2 46	3 43
F 12	23 8	17 18	2 53	25 12	1 44	24 22	1 6	20 43	1 21	19 2	0 55	20 56	1 39	7 30	0 36	17 35	1 40	18 3	15 48	23 27	23 26	20 49	2 47	3 43
S 13	23 12	20 28	1 51	25 15	1 48	24 20	1 7	20 34	1 20	19 1	0 55	20 56	1 38	7 29	0 36	17 35	1 40	18 3	15 47	23 27	23 26	20 48	2 47	3 43
S 14	23 16	22 37	0 45	25 16	1 52	24 16	1 9	20 25	1 20	19 0	0 55	20 55	1 38	7 29	0 36	17 36	1 40	18 2	15 47	23 27	23 26	20 47	2 48	3 43
M15	23 19	23 41	0n23	25 14	1 54	24 12	1 11	20 15	1 19	18 58	0 54	20 55	1 38	7 29	0 36	17 36	1 40	18 2	15 46	23 27	23 26	20 46	2 48	3 43
T 16	23 21	23 37	1 28	25 10	1 57	24 8	1 13	20 6	1 19	18 57	0 54	20 54	1 38	7 29	0 36	17 37	1 40	18 1	15 46	23 27	23 26	20 45	2 49	3 43
W17	23 24	22 28	2 29	25 3	1 58	24 2	1 14	19 57	1 19	18 56	0 54	20 54	1 38	7 28	0 36	17 37	1 41	18 0	15 45	23 27	23 26	20 44	2 49	3 43
T 18	23 25	20 20	3 24	24 55	1 59	23 56	1 16	19 47	1 18	18 55	0 54	20 54	1 38	7 28	0 36	17 37	1 41	18 0	15 45	23 27	23 27	20 42	2 50	3 44
F 19	23 27	17 20	4 9	24 44	1 58	23 50	1 18	19 37	1 18	18 54	0 54	20 53	1 38	7 28	0 36	17 38	1 41	17 59	15 45	23 27	23 27	20 41	2 50	3 44
S 20	23 28	13 39	4 44	24 31	1 58	23 42	1 19	19 27	1 18	18 53	0 53	20 53	1 38	7 28	0 36	17 38	1 41	17 59	15 44	23 27	23 27	20 40	2 50	3 44
S 21	23 28	9 23	5 7	24 16	1 56	23 34	1 21	19 17	1 17	18 52	0 53	20 52	1 38	7 28	0 36	17 39	1 41	17 58	15 44	23 27	23 27	20 39	2 51	3 44
M22	23 29	4 41	5 17	24 0	1 54	23 25	1 22	19 7	1 17	18 50	0 53	20 52	1 38	7 28	0 36	17 39	1 41	17 57	15 43	23 27	23 27	20 38	2 51	3 44
T 23	23 28	0s17	5 13	23 42	1 51	23 15	1 23	18 57	1 17	18 49	0 53	20 52	1 37	7 28	0 36	17 40	1 41	17 57	15 43	23 27	23 27	20 37	2 51	3 44
W24	23 28	5 23	4 52	23 22	1 48	23 5	1 25	18 47	1 16	18 48	0 53	20 51	1 37	7 28	0 36	17 40	1 41	17 56	15 42	23 27	23 27	20 35	2 52	3 44
T 25	23 27	10 25	4 17	23 1	1 44	22 54	1 26	18 36	1 16	18 48	0 52	20 51	1 37	7 27	0 36	17 40	1 41	17 55	15 42	23 27	23 27	20 34	2 52	3 45
F 26	23 25	15 6	3 25	22 39	1 39	22 43	1 27	18 26	1 16	18 47	0 52	20 51	1 37	7 27	0 36	17 41	1 41	17 54	15 41	23 27	23 27	20 33	2 52	3 45
S 27	23 23	19 7	2 21	22 16	1 34	22 31	1 28	18 15	1 15	18 46	0 52	20 50	1 37	7 27	0 36	17 41	1 41	17 54	15 41	23 27	23 27	20 32	2 53	3 45
S 28	23 21	22 5	1 5	21 52	1 28	22 18	1 29	18 4	1 15	18 45	0 52	20 50	1 37	7 27	0 36	17 42	1 41	17 53	15 41	23 27	23 27	20 31	2 53	3 45
M29	23 18	23 38	0s16	21 27	1 21	22 4	1 30	17 53	1 15	18 44	0 51	20 50	1 37	7 28	0 36	17 42	1 41	17 52	15 40	23 27	23 27	20 29	2 53	3 45
T 30	23n15	23s30	1s38	21n 1	1n14	21n50	1n31	17n42	1n14	18s43	0n51	20s49	1n36	7s28	0n35	17n42	1s41	17n52	15n40	23n27	23n27	20n28	2n53	3n45

Julian Day Number = 2350158.5, Delta T = 10.50 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'55, Lahiri = 19°58'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

JULY 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 34 46	8♋40'16	5♒37	3♌ 6	0♌24	15♌ 5	27°R 6	13°R 7	20♎28	26♉17	21♍10	2°R43	2♋16	11♌41	28♓36	W 1
T 2	18 38 43	9°37'26	20°33	4°28	1°37	15°42	27♏ 2	13♐ 3	20°28	26°19	21°11	2♋42	2°13	11°48	28°R36	T 2
F 3	18 42 39	10°34'36	5♓17	5°47	2°50	16°19	26°58	13° 0	20°29	26°20	21°12	2°41	2°10	11°54	28°36	F 3
S 4	18 46 36	11°31'47	19°44	7° 3	4° 3	16°56	26°54	12°56	20°29	26°22	21°13	2°40	2° 6	12° 1	28°36	S 4
S 5	18 50 32	12°28'58	3♈49	8°18	5°16	17°33	26°51	12°53	20°29	26°24	21°14	2°40	2° 3	12° 8	28°36	S 5
M 6	18 54 29	13°26'10	17°33	9°29	6°29	18° 9	26°47	12°49	20°29	26°25	21°15	2°D40	2° 0	12°14	28°36	M 6
T 7	18 58 25	14°23'22	0♉54	10°38	7°42	18°46	26°44	12°46	20°30	26°27	21°16	2°40	1°57	12°21	28°36	T 7
W 8	19 2 22	15°20'34	13°56	11°44	8°55	19°24	26°41	12°42	20°30	26°29	21°17	2°41	1°54	12°28	28°35	W 8
T 9	19 6 19	16°17'47	26°40	12°48	10° 8	20° 1	26°38	12°39	20°31	26°30	21°18	2°42	1°50	12°35	28°35	T 9
F 10	19 10 15	17°15'01	9♊ 9	13°48	11°21	20°38	26°35	12°36	20°31	26°32	21°19	2°43	1°47	12°41	28°35	F 10
S 11	19 14 12	18°12'15	21°26	14°46	12°34	21°15	26°33	12°32	20°32	26°33	21°20	2°44	1°44	12°48	28°34	S 11
S 12	19 18 8	19° 9'29	3♋33	15°40	13°47	21°52	26°31	12°29	20°33	26°35	21°22	2°R44	1°41	12°55	28°34	S 12
M13	19 22 5	20° 6'45	15°33	16°31	15° 0	22°29	26°29	12°26	20°33	26°36	21°23	2°44	1°38	13° 1	28°33	M13
T 14	19 26 1	21° 4'00	27°27	17°19	16°13	23° 6	26°27	12°23	20°34	26°38	21°24	2°43	1°35	13° 8	28°32	T 14
W15	19 29 58	22° 1'16	9♌17	18° 3	17°25	23°43	26°25	12°20	20°35	26°39	21°25	2°40	1°31	13°15	28°32	W15
T 16	19 33 54	22°58'32	21° 6	18°43	18°38	24°21	26°23	12°18	20°36	26°41	21°27	2°37	1°28	13°21	28°31	T 16
F 17	19 37 51	23°55'48	2♍56	19°20	19°51	24°58	26°22	12°15	20°37	26°42	21°28	2°34	1°25	13°28	28°30	F 17
S 18	19 41 48	24°53'05	14°50	19°53	21° 4	25°35	26°21	12°12	20°38	26°44	21°30	2°31	1°22	13°35	28°29	S 18
S 19	19 45 44	25°50'22	26°51	20°22	22°16	26°13	26°20	12°10	20°39	26°45	21°31	2°28	1°19	13°41	28°28	S 19
M20	19 49 41	26°47'40	9♎ 2	20°46	23°29	26°50	26°19	12° 7	20°40	26°46	21°32	2°25	1°15	13°48	28°28	M20
T 21	19 53 37	27°44'58	21°27	21° 6	24°42	27°27	26°18	12° 5	20°41	26°48	21°34	2°24	1°12	13°55	28°27	T 21
W22	19 57 34	28°42'16	4♏11	21°21	25°55	28° 5	26°18	12° 2	20°42	26°49	21°35	2°D24	1° 9	14° 1	28°25	W22
T 23	20 1 30	29°39'35	17°17	21°32	27° 7	28°42	26°17	12° 0	20°43	26°50	21°37	2°25	1° 6	14° 8	28°24	T 23
F 24	20 5 27	0♌36'54	0♐47	21°37	28°20	29°20	26°D17	11°58	20°45	26°51	21°38	2°27	1° 3	14°15	28°23	F 24
S 25	20 9 23	1°34'14	14°45	21°R38	29°32	29°57	26°17	11°56	20°46	26°53	21°40	2°28	1° 0	14°21	28°22	S 25
S 26	20 13 20	2°31'35	29° 9	21°33	0♍45	0♍35	26°17	11°54	20°47	26°54	21°42	2°R29	0°56	14°28	28°21	S 26
M27	20 17 17	3°28'56	13♑57	21°24	1°57	1°12	26°18	11°52	20°49	26°55	21°43	2°28	0°53	14°35	28°20	M27
T 28	20 21 13	4°26'17	29° 2	21° 9	3°10	1°50	26°18	11°50	20°50	26°56	21°45	2°27	0°50	14°41	28°18	T 28
W29	20 25 10	5°23'40	14♒16	20°49	4°22	2°27	26°19	11°48	20°52	26°57	21°47	2°23	0°47	14°48	28°17	W29
T 30	20 29 6	6°21'03	29°29	20°24	5°35	3° 5	26°20	11°47	20°53	26°58	21°48	2°19	0°44	14°55	28°15	T 30
F 31	20 33 3	7♌18'28	14♓30	19♌55	6♍47	3♍42	26♏21	11♐45	20♎55	26♉59	21♍50	2♋14	0♋41	15♌ 2	28♓14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n11	21s41	2s53	20n35	1n 7	21n35	1n32	17n31	1n14	18s43	0n51	20s49	1n36	7s28	0n35	17n43	1s41	17n51	15n39	23n27	23n27	20n27	2n53	3n45
T 2	23 8	18 23	3 55	20 8	0 59	21 20	1 33	17 19	1 13	18 42	0 51	20 49	1 36	7 28	0 35	17 43	1 41	17 50	15 39	23 27	23 27	20 26	2 54	3 46
F 3	23 3	13 57	4 42	19 40	0 50	21 4	1 33	17 8	1 13	18 41	0 51	20 48	1 36	7 28	0 35	17 44	1 41	17 49	15 38	23 27	23 27	20 24	2 54	3 46
S 4	22 58	8 48	5 9	19 12	0 41	20 48	1 34	16 56	1 13	18 41	0 50	20 48	1 36	7 28	0 35	17 44	1 41	17 48	15 38	23 27	23 28	20 23	2 54	3 46
S 5	22 53	3 20	5 17	18 44	0 32	20 31	1 35	16 45	1 12	18 40	0 50	20 48	1 36	7 28	0 35	17 44	1 41	17 48	15 38	23 27	23 28	20 22	2 54	3 46
M 6	22 48	2n10	5 6	18 16	0 22	20 13	1 35	16 33	1 12	18 39	0 50	20 47	1 36	7 28	0 35	17 45	1 41	17 47	15 37	23 27	23 28	20 21	2 54	3 46
T 7	22 42	7 26	4 39	17 47	0 12	19 55	1 36	16 21	1 12	18 39	0 50	20 47	1 35	7 28	0 35	17 45	1 41	17 46	15 37	23 27	23 28	20 19	2 54	3 46
W 8	22 35	12 15	3 59	17 19	0 1	19 36	1 36	16 9	1 11	18 39	0 49	20 47	1 35	7 29	0 35	17 45	1 41	17 45	15 36	23 27	23 28	20 18	2 54	3 46
T 9	22 29	16 25	3 7	16 50	0s10	19 17	1 36	15 57	1 11	18 38	0 49	20 47	1 35	7 29	0 35	17 46	1 41	17 44	15 36	23 27	23 28	20 17	2 54	3 47
F 10	22 22	19 46	2 7	16 22	0 22	18 57	1 37	15 45	1 10	18 38	0 49	20 46	1 35	7 29	0 35	17 46	1 41	17 44	15 36	23 27	23 28	20 16	2 54	3 47
S 11	22 14	22 10	1 2	15 54	0 33	18 36	1 37	15 33	1 10	18 37	0 49	20 46	1 35	7 29	0 35	17 46	1 41	17 43	15 35	23 27	23 28	20 14	2 54	3 47
S 12	22 6	23 30	0n 4	15 26	0 46	18 16	1 37	15 20	1 10	18 37	0 49	20 46	1 35	7 30	0 35	17 47	1 41	17 42	15 35	23 27	23 28	20 13	2 54	3 47
M13	21 58	23 44	1 10	14 59	0 58	17 54	1 37	15 8	1 9	18 37	0 48	20 46	1 34	7 30	0 35	17 47	1 41	17 41	15 34	23 27	23 28	20 12	2 54	3 47
T 14	21 49	22 52	2 12	14 33	1 11	17 32	1 37	14 55	1 9	18 37	0 48	20 45	1 34	7 30	0 35	17 47	1 41	17 40	15 34	23 27	23 28	20 10	2 54	3 47
W15	21 40	20 59	3 8	14 7	1 24	17 10	1 37	14 43	1 9	18 36	0 48	20 45	1 34	7 31	0 35	17 48	1 41	17 39	15 34	23 27	23 28	20 9	2 53	3 47
T 16	21 31	18 12	3 56	13 42	1 37	16 47	1 36	14 30	1 8	18 36	0 48	20 45	1 34	7 31	0 35	17 48	1 42	17 38	15 33	23 27	23 28	20 8	2 53	3 47
F 17	21 21	14 41	4 34	13 18	1 50	16 24	1 36	14 17	1 8	18 36	0 47	20 45	1 34	7 31	0 35	17 48	1 42	17 38	15 33	23 27	23 28	20 7	2 53	3 48
S 18	21 11	10 35	5 0	12 55	2 3	16 1	1 36	14 4	1 7	18 36	0 47	20 45	1 34	7 32	0 35	17 48	1 42	17 37	15 33	23 27	23 28	20 5	2 53	3 48
S 19	21 1	6 2	5 13	12 33	2 17	15 37	1 35	13 51	1 7	18 36	0 47	20 45	1 33	7 32	0 35	17 49	1 42	17 36	15 32	23 27	23 28	20 4	2 53	3 48
M20	20 50	1 12	5 12	12 13	2 30	15 12	1 35	13 38	1 7	18 36	0 47	20 44	1 33	7 33	0 35	17 49	1 42	17 35	15 32	23 27	23 28	20 3	2 52	3 48
T 21	20 39	3s47	4 57	11 54	2 44	14 47	1 34	13 25	1 6	18 36	0 46	20 44	1 33	7 33	0 35	17 49	1 42	17 34	15 32	23 27	23 28	20 1	2 52	3 48
W22	20 27	8 44	4 27	11 36	2 57	14 22	1 34	13 11	1 6	18 36	0 46	20 44	1 33	7 34	0 35	17 49	1 42	17 33	15 31	23 27	23 28	20 0	2 52	3 48
T 23	20 15	13 27	3 43	11 21	3 10	13 57	1 33	12 58	1 5	18 36	0 46	20 44	1 33	7 34	0 35	17 50	1 42	17 32	15 31	23 27	23 28	19 59	2 51	3 48
F 24	20 3	17 39	2 45	11 7	3 23	13 31	1 32	12 44	1 5	18 37	0 46	20 44	1 32	7 35	0 35	17 50	1 42	17 31	15 31	23 27	23 28	19 57	2 51	3 48
S 25	19 50	21 1	1 36	10 55	3 36	13 4	1 31	12 31	1 5	18 37	0 45	20 44	1 32	7 35	0 35	17 50	1 42	17 30	15 30	23 27	23 28	19 56	2 51	3 49
S 26	19 38	23 10	0 18	10 45	3 48	12 38	1 30	12 17	1 4	18 37	0 45	20 44	1 32	7 36	0 34	17 50	1 42	17 29	15 30	23 27	23 28	19 54	2 50	3 49
M27	19 24	23 47	1s 2	10 37	3 59	12 11	1 29	12 4	1 4	18 37	0 45	20 44	1 32	7 36	0 34	17 51	1 42	17 28	15 30	23 27	23 28	19 53	2 50	3 49
T 28	19 11	22 40	2 20	10 31	4 10	11 44	1 28	11 50	1 4	18 38	0 45	20 44	1 32	7 37	0 34	17 51	1 42	17 28	15 29	23 27	23 28	19 52	2 49	3 49
W29	18 57	19 54	3 29	10 28	4 20	11 16	1 27	11 36	1 3	18 38	0 45	20 44	1 31	7 38	0 34	17 51	1 42	17 27	15 29	23 27	23 28	19 50	2 49	3 49
T 30	18 43	15 45	4 22	10 28	4 28	10 48	1 26	11 22	1 3	18 39	0 44	20 44	1 31	7 38	0 34	17 51	1 42	17 26	15 29	23 27	23 28	19 49	2 49	3 49
F 31	18n28	10s40	4s57	10n30	4s36	10n20	1n24	11n 8	1n 2	18s39	0n44	20s44	1n31	7s39	0n34	17n51	1s42	17n25	15n28	23n27	23n28	19n48	2n48	3n49

Julian Day Number = 2350188.5, Delta T = 10.50 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°51'59, Lahiri = 19°58'59Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1722
geocentric

AUGUST 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 59	8♌15'53	29♓12	19°R21	8♍ 0	4♍20	26♏23	11°R44	20♎57	27♉ 0	21♍52	2°R 9	0♋37	15♌ 8	28°R12	S 1
S 2	20 40 56	9°13'20	13♈29	18♌43	9°12	4°58	26°24	11♐42	20°58	27° 1	21°53	2♋ 6	0°34	15°15	28♓11	S 2
M 3	20 44 52	10°10'48	27°19	18° 1	10°24	5°36	26°26	11°41	21° 0	27° 2	21°55	2° 3	0°31	15°22	28° 9	M 3
T 4	20 48 49	11° 8'18	10♉41	17°17	11°37	6°13	26°28	11°40	21° 2	27° 3	21°57	2°D 3	0°28	15°28	28° 8	T 4
W 5	20 52 46	12° 5'48	23°38	16°31	12°49	6°51	26°30	11°39	21° 4	27° 4	21°59	2° 3	0°25	15°35	28° 6	W 5
T 6	20 56 42	13° 3'21	6♊14	15°43	14° 1	7°29	26°32	11°37	21° 6	27° 5	22° 0	2° 4	0°21	15°42	28° 4	T 6
F 7	21 0 39	14° 0'54	18°33	14°54	15°13	8° 7	26°35	11°37	21° 8	27° 5	22° 2	2° 6	0°18	15°48	28° 2	F 7
S 8	21 4 35	14°58'29	0♋40	14° 6	16°25	8°45	26°37	11°36	21°10	27° 6	22° 4	2°R 7	0°15	15°55	28° 1	S 8
S 9	21 8 32	15°56'06	12°37	13°19	17°38	9°23	26°40	11°35	21°12	27° 7	22° 6	2° 6	0°12	16° 2	27°59	S 9
M10	21 12 28	16°53'44	24°29	12°34	18°50	10° 1	26°43	11°34	21°14	27° 8	22° 8	2° 3	0° 9	16° 8	27°57	M10
T 11	21 16 25	17°51'23	6♌19	11°53	20° 2	10°38	26°46	11°34	21°16	27° 8	22°10	1°59	0° 6	16°15	27°55	T 11
W12	21 20 21	18°49'03	18° 8	11°15	21°14	11°16	26°49	11°33	21°18	27° 9	22°12	1°52	0° 2	16°22	27°53	W12
T 13	21 24 18	19°46'45	29°59	10°42	22°26	11°55	26°53	11°33	21°20	27°10	22°14	1°44	29♊59	16°28	27°51	T 13
F 14	21 28 15	20°44'28	11♍53	10°15	23°38	12°33	26°56	11°33	21°23	27°10	22°16	1°35	29°56	16°35	27°49	F 14
S 15	21 32 11	21°42'12	23°52	9°53	24°50	13°11	27° 0	11°33	21°25	27°11	22°18	1°25	29°53	16°42	27°47	S 15
S 16	21 36 8	22°39'57	5♎58	9°39	26° 2	13°49	27° 4	11°D32	21°27	27°11	22°20	1°17	29°50	16°48	27°44	S 16
M17	21 40 4	23°37'44	18°13	9°31	27°13	14°27	27° 8	11°32	21°30	27°12	22°22	1°10	29°47	16°55	27°42	M17
T 18	21 44 1	24°35'31	0♏40	9°D31	28°25	15° 5	27°13	11°33	21°32	27°12	22°24	1° 5	29°43	17° 2	27°40	T 18
W19	21 47 57	25°33'20	13°23	9°39	29°37	15°43	27°17	11°33	21°35	27°13	22°26	1° 2	29°40	17° 9	27°38	W19
T 20	21 51 54	26°31'10	26°24	9°54	0♎49	16°22	27°22	11°33	21°37	27°13	22°28	1°D 1	29°37	17°15	27°35	T 20
F 21	21 55 50	27°29'02	9♐46	10°17	2° 0	17° 0	27°26	11°34	21°40	27°13	22°30	1° 2	29°34	17°22	27°33	F 21
S 22	21 59 47	28°26'55	23°34	10°48	3°12	17°38	27°31	11°34	21°42	27°14	22°32	1° 3	29°31	17°29	27°31	S 22
S 23	22 3 44	29°24'48	7♑47	11°27	4°24	18°17	27°36	11°35	21°45	27°14	22°34	1°R 3	29°27	17°35	27°28	S 23
M24	22 7 40	0♍22'44	22°25	12°13	5°35	18°55	27°42	11°35	21°47	27°14	22°36	1° 1	29°24	17°42	27°26	M24
T 25	22 11 37	1°20'40	7♒23	13° 7	6°47	19°33	27°47	11°36	21°50	27°14	22°38	0°57	29°21	17°49	27°24	T 25
W26	22 15 33	2°18'38	22°35	14° 7	7°58	20°12	27°53	11°37	21°53	27°15	22°40	0°50	29°18	17°55	27°21	W26
T 27	22 19 30	3°16'38	7♓51	15°15	9°10	20°50	27°58	11°38	21°56	27°15	22°42	0°42	29°15	18° 2	27°19	T 27
F 28	22 23 26	4°14'39	23° 0	16°28	10°21	21°29	28° 4	11°39	21°58	27°15	22°45	0°33	29°12	18° 9	27°16	F 28
S 29	22 27 23	5°12'42	7♈51	17°48	11°32	22° 7	28°10	11°40	22° 1	27°15	22°47	0°24	29° 8	18°15	27°14	S 29
S 30	22 31 19	6°10'47	22°18	19°13	12°44	22°46	28°17	11°42	22° 4	27°15	22°49	0°16	29° 5	18°22	27°11	S 30
M31	22 35 16	7♍ 8'53	6♉15	20♌43	13♎55	23♍25	28♏23	11♐43	22♎ 7	27°R15	22♍51	0♋10	29♊ 2	18♌29	27♓ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n14	5s 4	5s11	10n34	4s42	9n52	1n23	10n54	1n 2	18s40	0n44	20s44	1n31	7s39	0n34	17n51	1s42	17n24	15n28	23n27	23n28	19n46	2n48	3n49
S 2	17 59	0n39	5 5	10 41	4 47	9 23	1 21	10 40	1 1	18 40	0 44	20 44	1 31	7 40	0 34	17 52	1 42	17 23	15 28	23 28	23 28	19 45	2 47	3 49
M 3	17 43	6 9	4 42	10 50	4 51	8 54	1 20	10 25	1 1	18 41	0 43	20 44	1 30	7 41	0 34	17 52	1 42	17 22	15 27	23 28	23 28	19 43	2 46	3 50
T 4	17 27	11 11	4 4	11 2	4 52	8 25	1 18	10 11	1 1	18 42	0 43	20 44	1 30	7 42	0 34	17 52	1 42	17 21	15 27	23 28	23 28	19 42	2 46	3 50
W 5	17 12	15 35	3 14	11 16	4 52	7 56	1 16	9 57	1 0	18 42	0 43	20 44	1 30	7 42	0 34	17 52	1 42	17 20	15 27	23 28	23 28	19 41	2 45	3 50
T 6	16 55	19 9	2 16	11 31	4 50	7 27	1 15	9 42	1 0	18 43	0 43	20 44	1 30	7 43	0 34	17 52	1 43	17 19	15 27	23 28	23 28	19 39	2 45	3 50
F 7	16 39	21 46	1 13	11 49	4 47	6 57	1 13	9 28	0 59	18 44	0 42	20 44	1 30	7 44	0 34	17 52	1 43	17 18	15 26	23 28	23 28	19 38	2 44	3 50
S 8	16 22	23 21	0 8	12 8	4 41	6 27	1 11	9 13	0 59	18 45	0 42	20 44	1 29	7 45	0 34	17 53	1 43	17 17	15 26	23 28	23 29	19 36	2 43	3 50
S 9	16 5	23 49	0n57	12 28	4 34	5 57	1 9	8 58	0 59	18 46	0 42	20 44	1 29	7 45	0 34	17 53	1 43	17 16	15 26	23 28	23 29	19 35	2 43	3 50
M10	15 48	23 12	1 58	12 50	4 24	5 27	1 7	8 44	0 58	18 46	0 42	20 44	1 29	7 46	0 34	17 53	1 43	17 15	15 26	23 28	23 29	19 33	2 42	3 50
T 11	15 30	21 32	2 54	13 12	4 13	4 57	1 5	8 29	0 58	18 47	0 42	20 44	1 29	7 47	0 34	17 53	1 43	17 14	15 25	23 28	23 29	19 32	2 41	3 50
W12	15 12	18 57	3 42	13 34	4 1	4 26	1 2	8 14	0 57	18 48	0 41	20 44	1 29	7 48	0 34	17 53	1 43	17 13	15 25	23 28	23 29	19 30	2 41	3 50
T 13	14 54	15 34	4 21	13 56	3 47	3 56	1 0	7 59	0 57	18 49	0 41	20 45	1 28	7 49	0 34	17 53	1 43	17 12	15 25	23 28	23 29	19 29	2 40	3 50
F 14	14 36	11 34	4 49	14 17	3 33	3 25	0 58	7 44	0 56	18 50	0 41	20 45	1 28	7 50	0 34	17 53	1 43	17 11	15 25	23 28	23 29	19 28	2 39	3 50
S 15	14 18	7 5	5 4	14 38	3 17	2 54	0 55	7 29	0 56	18 52	0 41	20 45	1 28	7 50	0 34	17 53	1 43	17 10	15 25	23 28	23 29	19 26	2 38	3 51
S 16	13 59	2 18	5 5	14 58	3 0	2 23	0 53	7 14	0 56	18 53	0 40	20 45	1 28	7 51	0 34	17 53	1 43	17 9	15 24	23 28	23 29	19 25	2 38	3 51
M17	13 40	2s38	4 53	15 17	2 43	1 52	0 50	6 59	0 55	18 54	0 40	20 45	1 28	7 52	0 34	17 53	1 43	17 8	15 24	23 28	23 29	19 23	2 37	3 51
T 18	13 21	7 33	4 27	15 34	2 25	1 21	0 48	6 44	0 55	18 55	0 40	20 46	1 27	7 53	0 34	17 53	1 43	17 7	15 24	23 28	23 29	19 22	2 36	3 51
W19	13 1	12 16	3 47	15 49	2 7	0 50	0 45	6 28	0 54	18 56	0 40	20 46	1 27	7 54	0 34	17 53	1 43	17 6	15 24	23 28	23 29	19 20	2 35	3 51
T 20	12 42	16 33	2 55	16 2	1 49	0 19	0 42	6 13	0 54	18 57	0 40	20 46	1 27	7 55	0 34	17 53	1 43	17 5	15 24	23 28	23 28	19 19	2 34	3 51
F 21	12 22	20 7	1 51	16 13	1 32	0s12	0 39	5 58	0 53	18 59	0 39	20 46	1 27	7 56	0 34	17 53	1 43	17 4	15 24	23 28	23 28	19 17	2 33	3 51
S 22	12 2	22 39	0 40	16 22	1 14	0 43	0 37	5 42	0 53	19 0	0 39	20 47	1 26	7 57	0 34	17 53	1 43	17 4	15 23	23 28	23 28	19 16	2 32	3 51
S 23	11 42	23 51	0s36	16 28	0 57	1 14	0 34	5 27	0 53	19 1	0 39	20 47	1 26	7 58	0 34	17 53	1 43	17 3	15 23	23 28	23 28	19 14	2 31	3 51
M24	11 21	23 27	1 52	16 31	0 40	1 45	0 31	5 12	0 52	19 3	0 39	20 47	1 26	7 59	0 34	17 53	1 44	17 2	15 23	23 28	23 28	19 13	2 31	3 51
T 25	11 1	21 22	3 1	16 31	0 24	2 16	0 28	4 56	0 52	19 4	0 38	20 48	1 26	8 0	0 33	17 53	1 44	17 1	15 23	23 28	23 28	19 11	2 30	3 51
W26	10 40	17 46	3 59	16 29	0 9	2 47	0 25	4 40	0 51	19 6	0 38	20 48	1 26	8 1	0 33	17 53	1 44	17 0	15 23	23 28	23 28	19 10	2 29	3 51
T 27	10 19	12 58	4 40	16 23	0n 6	3 18	0 21	4 25	0 51	19 7	0 38	20 48	1 25	8 2	0 33	17 53	1 44	16 59	15 23	23 28	23 28	19 8	2 28	3 51
F 28	9 58	7 23	5 1	16 14	0 20	3 49	0 18	4 9	0 50	19 9	0 38	20 49	1 25	8 3	0 33	17 53	1 44	16 58	15 23	23 28	23 28	19 6	2 27	3 51
S 29	9 37	1 29	5 1	16 2	0 33	4 20	0 15	3 54	0 50	19 10	0 38	20 49	1 25	8 4	0 33	17 53	1 44	16 57	15 23	23 28	23 28	19 5	2 26	3 51
S 30	9 15	4n20	4 42	15 47	0 44	4 51	0 12	3 38	0 50	19 12	0 37	20 49	1 25	8 6	0 33	17 53	1 44	16 56	15 22	23 29	23 28	19 3	2 25	3 51
M31	8n54	9n45	4s 6	15n29	0n55	5s22	0n 9	3n22	0n49	19s13	0n37	20s50	1n25	8s 7	0n33	17n53	1s44	16n55	15n22	23n29	23n28	19n 2	2n24	3n51

Julian Day Number = 2350219.5, Delta T = 10.50 sec
Ecliptic obliquity = 23°28'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'03, Lahiri = 19°59'03Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

SEPTEMBER 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 13	8♍ 7'02	19♉42	22♌18	15♎ 6	24♍ 3	28♏29	11♐45	22♎10	27°R15	22♍53	0°R 6	28♊59	18♌35	27°R 6	T 1
W 2	22 43 9	9° 5'13	2♊42	23°57	16°17	24°42	28°36	11°46	22°13	27♉15	22°55	0♋ 5	28°56	18°42	27♓ 3	W 2
T 3	22 47 6	10° 3'26	15°17	25°39	17°28	25°21	28°43	11°48	22°16	27°15	22°58	0°D 4	28°53	18°49	27° 1	T 3
F 4	22 51 2	11° 1'40	27°34	27°24	18°39	25°59	28°50	11°50	22°19	27°15	23° 0	0°R 5	28°49	18°56	26°58	F 4
S 5	22 54 59	11°59'57	9♋36	29°11	19°50	26°38	28°57	11°51	22°22	27°15	23° 2	0° 4	28°46	19° 2	26°55	S 5
S 6	22 58 55	12°58'16	21°30	1♍ 0	21° 1	27°17	29° 4	11°53	22°25	27°14	23° 4	0° 2	28°43	19° 9	26°52	S 6
M 7	23 2 52	13°56'37	3♌19	2°51	22°12	27°56	29°11	11°55	22°28	27°14	23° 6	29♊58	28°40	19°16	26°50	M 7
T 8	23 6 48	14°55'00	15° 7	4°43	23°23	28°35	29°19	11°58	22°31	27°14	23° 9	29°51	28°37	19°22	26°47	T 8
W 9	23 10 45	15°53'25	26°58	6°36	24°34	29°14	29°26	12° 0	22°35	27°14	23°11	29°41	28°33	19°29	26°44	W 9
T 10	23 14 42	16°51'52	8♍53	8°30	25°44	29°53	29°34	12° 2	22°38	27°13	23°13	29°28	28°30	19°36	26°42	T 10
F 11	23 18 38	17°50'21	20°55	10°23	26°55	0♎32	29°42	12° 4	22°41	27°13	23°15	29°15	28°27	19°42	26°39	F 11
S 12	23 22 35	18°48'51	3♎ 4	12°17	28° 6	1°11	29°50	12° 7	22°44	27°13	23°18	29° 1	28°24	19°49	26°36	S 12
S 13	23 26 31	19°47'24	15°21	14°10	29°16	1°50	29°58	12°10	22°48	27°12	23°20	28°48	28°21	19°56	26°33	S 13
M14	23 30 28	20°45'58	27°47	16° 3	0♏27	2°29	0♐ 6	12°12	22°51	27°12	23°22	28°38	28°18	20° 2	26°30	M14
T 15	23 34 24	21°44'34	10♏23	17°56	1°37	3° 8	0°15	12°15	22°54	27°11	23°24	28°29	28°14	20° 9	26°28	T 15
W16	23 38 21	22°43'12	23°12	19°48	2°48	3°47	0°23	12°18	22°58	27°11	23°26	28°24	28°11	20°16	26°25	W16
T 17	23 42 17	23°41'52	6♐15	21°39	3°58	4°26	0°32	12°21	23° 1	27°10	23°29	28°22	28° 8	20°23	26°22	T 17
F 18	23 46 14	24°40'33	19°35	23°30	5° 8	5° 6	0°40	12°24	23° 5	27°10	23°31	28°21	28° 5	20°29	26°19	F 18
S 19	23 50 11	25°39'16	3♑15	25°19	6°18	5°45	0°49	12°27	23° 8	27° 9	23°33	28°21	28° 2	20°36	26°16	S 19
S 20	23 54 7	26°38'01	17°15	27° 8	7°28	6°24	0°58	12°30	23°11	27° 9	23°35	28°20	27°58	20°43	26°14	S 20
M21	23 58 4	27°36'47	1♒37	28°56	8°38	7° 4	1° 7	12°33	23°15	27° 8	23°38	28°18	27°55	20°49	26°11	M21
T 22	0 2 0	28°35'35	16°18	0♎43	9°48	7°43	1°17	12°37	23°18	27° 7	23°40	28°13	27°52	20°56	26° 8	T 22
W23	0 5 57	29°34'25	1♓14	2°29	10°58	8°23	1°26	12°40	23°22	27° 6	23°42	28° 5	27°49	21° 3	26° 5	W23
T 24	0 9 53	0♎33'17	16°16	4°14	12° 8	9° 2	1°35	12°44	23°25	27° 6	23°44	27°55	27°46	21° 9	26° 2	T 24
F 25	0 13 50	1°32'10	1♈15	5°59	13°18	9°42	1°45	12°47	23°29	27° 5	23°47	27°44	27°43	21°16	25°59	F 25
S 26	0 17 46	2°31'06	16° 2	7°42	14°27	10°21	1°55	12°51	23°33	27° 4	23°49	27°32	27°39	21°23	25°57	S 26
S 27	0 21 43	3°30'04	0♉28	9°24	15°37	11° 1	2° 4	12°55	23°36	27° 3	23°51	27°22	27°36	21°30	25°54	S 27
M28	0 25 39	4°29'04	14°28	11° 6	16°46	11°40	2°14	12°59	23°40	27° 2	23°53	27°14	27°33	21°36	25°51	M28
T 29	0 29 36	5°28'06	27°59	12°47	17°55	12°20	2°24	13° 3	23°43	27° 2	23°55	27° 9	27°30	21°43	25°48	T 29
W30	0 33 33	6♎27'10	11♊ 3	14♎27	19♏ 5	13♎ 0	2♐34	13♐ 7	23♎47	27♉ 1	23♍58	27♊ 7	27♊27	21♌50	25♓46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n32	14n31	3s17	15n 7	1n 5	5s53	0n 5	3n 7	0n49	19s15	0n37	20s50	1n24	8s 8	0n33	17n53	1s44	16n54	15n22	23n29	23n28	19n 0	2n23	3n51
W 2	8 10	18 26	2 20	14 43	1 14	6 23	0 2	2 51	0 48	19 17	0 37	20 50	1 24	8 9	0 33	17 53	1 44	16 53	15 22	23 29	23 28	18 59	2 22	3 51
T 3	7 49	21 22	1 18	14 16	1 22	6 54	0s 2	2 35	0 48	19 18	0 37	20 51	1 24	8 10	0 33	17 53	1 44	16 52	15 22	23 29	23 28	18 57	2 21	3 51
F 4	7 26	23 14	0 13	13 47	1 28	7 24	0 5	2 19	0 47	19 20	0 36	20 51	1 24	8 11	0 33	17 53	1 44	16 51	15 22	23 29	23 28	18 55	2 19	3 51
S 5	7 4	23 58	0n50	13 15	1 34	7 54	0 9	2 3	0 47	19 22	0 36	20 52	1 24	8 12	0 33	17 53	1 44	16 50	15 22	23 29	23 28	18 54	2 18	3 51
S 6	6 42	23 35	1 51	12 40	1 39	8 24	0 12	1 47	0 46	19 24	0 36	20 52	1 23	8 14	0 33	17 53	1 44	16 49	15 22	23 29	23 28	18 52	2 17	3 51
M 7	6 20	22 9	2 47	12 4	1 42	8 54	0 16	1 32	0 46	19 25	0 36	20 53	1 23	8 15	0 33	17 53	1 44	16 48	15 22	23 29	23 28	18 51	2 16	3 51
T 8	5 57	19 44	3 35	11 26	1 45	9 24	0 19	1 16	0 45	19 27	0 36	20 53	1 23	8 16	0 33	17 53	1 44	16 48	15 22	23 29	23 28	18 49	2 15	3 51
W 9	5 34	16 30	4 13	10 46	1 47	9 53	0 23	1 0	0 45	19 29	0 35	20 54	1 23	8 17	0 33	17 53	1 44	16 47	15 22	23 29	23 28	18 48	2 14	3 51
T 10	5 12	12 35	4 41	10 4	1 48	10 22	0 27	0 44	0 44	19 31	0 35	20 54	1 23	8 18	0 33	17 52	1 44	16 46	15 22	23 28	23 28	18 46	2 13	3 51
F 11	4 49	8 9	4 57	9 22	1 49	10 52	0 30	0 28	0 44	19 33	0 35	20 55	1 22	8 20	0 33	17 52	1 44	16 45	15 22	23 28	23 28	18 44	2 12	3 51
S 12	4 26	3 21	4 59	8 38	1 49	11 20	0 34	0 12	0 44	19 35	0 35	20 55	1 22	8 21	0 33	17 52	1 45	16 44	15 22	23 28	23 28	18 43	2 11	3 51
S 13	4 3	1s37	4 48	7 54	1 48	11 49	0 38	0s 4	0 43	19 37	0 35	20 56	1 22	8 22	0 33	17 52	1 45	16 43	15 22	23 28	23 28	18 41	2 9	3 51
M14	3 40	6 36	4 23	7 8	1 46	12 17	0 41	0 20	0 43	19 38	0 35	20 56	1 22	8 23	0 33	17 52	1 45	16 42	15 22	23 28	23 28	18 39	2 8	3 51
T 15	3 17	11 24	3 44	6 22	1 44	12 46	0 45	0 36	0 42	19 40	0 34	20 57	1 22	8 25	0 33	17 52	1 45	16 41	15 22	23 28	23 28	18 38	2 7	3 51
W16	2 54	15 47	2 54	5 36	1 41	13 14	0 49	0 52	0 42	19 42	0 34	20 57	1 21	8 26	0 33	17 52	1 45	16 41	15 22	23 28	23 28	18 36	2 6	3 51
T 17	2 30	19 31	1 54	4 49	1 38	13 41	0 53	1 8	0 41	19 44	0 34	20 58	1 21	8 27	0 33	17 51	1 45	16 40	15 22	23 28	23 28	18 34	2 5	3 51
F 18	2 7	22 18	0 46	4 2	1 34	14 8	0 56	1 24	0 41	19 46	0 34	20 59	1 21	8 28	0 33	17 51	1 45	16 39	15 22	23 28	23 28	18 33	2 4	3 51
S 19	1 44	23 52	0s26	3 15	1 30	14 35	1 0	1 40	0 40	19 48	0 34	20 59	1 21	8 30	0 33	17 51	1 45	16 38	15 22	23 28	23 28	18 31	2 2	3 51
S 20	1 20	23 59	1 38	2 27	1 26	15 2	1 4	1 56	0 40	19 50	0 33	21 0	1 21	8 31	0 33	17 51	1 45	16 37	15 22	23 28	23 28	18 30	2 1	3 50
M21	0 57	22 31	2 46	1 40	1 21	15 28	1 8	2 12	0 39	19 52	0 33	21 0	1 20	8 32	0 33	17 51	1 45	16 36	15 22	23 28	23 28	18 28	2 0	3 50
T 22	0 34	19 32	3 44	0 53	1 16	15 54	1 12	2 28	0 39	19 54	0 33	21 1	1 20	8 34	0 33	17 50	1 45	16 36	15 22	23 28	23 28	18 26	1 59	3 50
W23	0 10	15 14	4 28	0 5	1 11	16 20	1 15	2 44	0 38	19 56	0 33	21 2	1 20	8 35	0 33	17 50	1 45	16 35	15 23	23 28	23 27	18 25	1 58	3 50
T 24	0s13	9 56	4 54	0s41	1 5	16 45	1 19	3 0	0 38	19 59	0 33	21 2	1 20	8 36	0 33	17 50	1 45	16 34	15 23	23 28	23 27	18 23	1 57	3 50
F 25	0 37	4 5	5 0	1 28	0 59	17 10	1 23	3 16	0 37	20 1	0 33	21 3	1 20	8 38	0 33	17 50	1 45	16 33	15 23	23 27	23 27	18 21	1 55	3 50
S 26	1 0	1n56	4 45	2 15	0 53	17 35	1 27	3 32	0 37	20 3	0 32	21 4	1 20	8 39	0 33	17 50	1 45	16 32	15 23	23 27	23 27	18 19	1 54	3 50
S 27	1 24	7 43	4 12	3 1	0 47	17 59	1 31	3 48	0 36	20 5	0 32	21 4	1 19	8 40	0 33	17 49	1 45	16 32	15 23	23 27	23 27	18 18	1 53	3 50
M28	1 47	12 56	3 25	3 46	0 41	18 23	1 34	4 4	0 36	20 7	0 32	21 5	1 19	8 42	0 33	17 49	1 45	16 31	15 23	23 27	23 27	18 16	1 52	3 50
T 29	2 11	17 21	2 27	4 32	0 34	18 46	1 38	4 20	0 35	20 9	0 32	21 6	1 19	8 43	0 33	17 49	1 45	16 30	15 23	23 27	23 27	18 14	1 51	3 50
W30	2s34	20n45	1s24	5s17	0n28	19s 9	1s42	4s36	0n35	20s11	0n32	21s 6	1n19	8s44	0n33	17n49	1s45	16n29	15n23	23n27	23n27	18n13	1n49	3n49

Julian Day Number = 2350250.5, Delta T = 10.51 sec
Ecliptic obliquity = 23°28'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'07, Lahiri = 19°59'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

OCTOBER 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 29	7♎26'17	23♊41	16♎ 6	20♏14	13♎40	2♐44	13♐11	23♎51	27°R 0	24♍ 0	27°D 6	27♊24	21♌56	25°R43	T 1
F 2	0 41 26	8°25'27	6♋ 0	17°44	21°23	14°19	2°55	13°15	23°54	26♉59	24° 2	27°R 6	27°20	22° 3	25♓40	F 2
S 3	0 45 22	9°24'38	18° 3	19°21	22°32	14°59	3° 5	13°19	23°58	26°58	24° 4	27♊ 6	27°17	22°10	25°37	S 3
S 4	0 49 19	10°23'52	29°57	20°58	23°41	15°39	3°15	13°24	24° 2	26°57	24° 6	27° 4	27°14	22°16	25°35	S 4
M 5	0 53 15	11°23'08	11♌47	22°34	24°50	16°19	3°26	13°28	24° 5	26°56	24° 9	27° 0	27°11	22°23	25°32	M 5
T 6	0 57 12	12°22'27	23°37	24° 9	25°58	16°59	3°37	13°32	24° 9	26°54	24°11	26°54	27° 8	22°30	25°29	T 6
W 7	1 1 8	13°21'47	5♍30	25°43	27° 7	17°39	3°47	13°37	24°13	26°53	24°13	26°44	27° 4	22°36	25°27	W 7
T 8	1 5 5	14°21'10	17°32	27°17	28°15	18°19	3°58	13°42	24°17	26°52	24°15	26°33	27° 1	22°43	25°24	T 8
F 9	1 9 2	15°20'35	29°42	28°50	29°24	18°59	4° 9	13°46	24°20	26°51	24°17	26°20	26°58	22°50	25°21	F 9
S 10	1 12 58	16°20'02	12♎ 3	0♏22	0♐32	19°39	4°20	13°51	24°24	26°50	24°19	26° 7	26°55	22°57	25°19	S 10
S 11	1 16 55	17°19'31	24°35	1°54	1°40	20°19	4°31	13°56	24°28	26°49	24°21	25°55	26°52	23° 3	25°16	S 11
M12	1 20 51	18°19'03	7♏18	3°25	2°48	21° 0	4°42	14° 1	24°32	26°47	24°23	25°45	26°49	23°10	25°14	M12
T 13	1 24 48	19°18'36	20°12	4°55	3°56	21°40	4°54	14° 6	24°35	26°46	24°26	25°37	26°45	23°17	25°11	T 13
W14	1 28 44	20°18'11	3♐17	6°25	5° 4	22°20	5° 5	14°11	24°39	26°45	24°28	25°32	26°42	23°23	25° 9	W14
T 15	1 32 41	21°17'48	16°34	7°54	6°11	23° 0	5°16	14°16	24°43	26°44	24°30	25°30	26°39	23°30	25° 6	T 15
F 16	1 36 37	22°17'27	0♑ 2	9°22	7°19	23°41	5°28	14°21	24°47	26°42	24°32	25°D30	26°36	23°37	25° 4	F 16
S 17	1 40 34	23°17'08	13°44	10°49	8°26	24°21	5°39	14°26	24°50	26°41	24°34	25°30	26°33	23°43	25° 1	S 17
S 18	1 44 31	24°16'50	27°39	12°16	9°34	25° 2	5°51	14°32	24°54	26°40	24°36	25°R31	26°30	23°50	24°59	S 18
M19	1 48 27	25°16'34	11♒48	13°42	10°41	25°42	6° 3	14°37	24°58	26°38	24°38	25°29	26°26	23°57	24°57	M19
T 20	1 52 24	26°16'20	26°10	15° 7	11°47	26°23	6°15	14°42	25° 2	26°37	24°40	25°26	26°23	24° 4	24°54	T 20
W21	1 56 20	27°16'07	10♓42	16°32	12°54	27° 3	6°26	14°48	25° 5	26°35	24°42	25°20	26°20	24°10	24°52	W21
T 22	2 0 17	28°15'56	25°19	17°55	14° 1	27°44	6°38	14°53	25° 9	26°34	24°44	25°12	26°17	24°17	24°50	T 22
F 23	2 4 13	29°15'47	9♈55	19°18	15° 7	28°25	6°50	14°59	25°13	26°33	24°46	25° 3	26°14	24°24	24°48	F 23
S 24	2 8 10	0♏15'39	24°21	20°40	16°13	29° 5	7° 2	15° 5	25°17	26°31	24°48	24°54	26°10	24°30	24°46	S 24
S 25	2 12 6	1°15'34	8♉33	22° 1	17°19	29°46	7°15	15°10	25°21	26°30	24°49	24°46	26° 7	24°37	24°43	S 25
M26	2 16 3	2°15'30	22°24	23°21	18°25	0♏27	7°27	15°16	25°24	26°28	24°51	24°40	26° 4	24°44	24°41	M26
T 27	2 20 0	3°15'29	5♊51	24°39	19°31	1° 8	7°39	15°22	25°28	26°27	24°53	24°36	26° 1	24°50	24°39	T 27
W28	2 23 56	4°15'30	18°54	25°57	20°36	1°49	7°51	15°28	25°32	26°25	24°55	24°D34	25°58	24°57	24°37	W28
T 29	2 27 53	5°15'33	1♋35	27°13	21°41	2°29	8° 4	15°34	25°35	26°23	24°57	24°34	25°55	25° 4	24°35	T 29
F 30	2 31 49	6°15'38	13°56	28°28	22°46	3°10	8°16	15°40	25°39	26°22	24°59	24°35	25°51	25°11	24°33	F 30
S 31	2 35 46	7♏15'45	26♋ 2	29♏41	23♐51	3♏51	8♐29	15♐46	25♎43	26♉20	25♍ 0	24♊37	25♊48	25♌17	24♓32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s57	23n 1	0s18	6s 1	0n21	19s31	1s45	4s52	0n34	20s13	0n32	21s 7	1n19	8s46	0n33	17n48	1s45	16n29	15n24	23n27	23n27	18n11	1n48	3n49
F 2	3 21	24 7	0n47	6 45	0 14	19 53	1 49	5 8	0 34	20 15	0 31	21 8	1 18	8 47	0 33	17 48	1 46	16 28	15 24	23 27	23 27	18 9	1 47	3 49
S 3	3 44	24 3	1 49	7 28	0 7	20 15	1 53	5 24	0 33	20 18	0 31	21 8	1 18	8 48	0 33	17 48	1 46	16 27	15 24	23 27	23 27	18 7	1 46	3 49
S 4	4 7	22 52	2 45	8 11	0 0	20 36	1 56	5 40	0 33	20 20	0 31	21 9	1 18	8 50	0 33	17 47	1 46	16 26	15 24	23 27	23 27	18 6	1 45	3 49
M 5	4 31	20 42	3 33	8 54	0s 7	20 56	2 0	5 56	0 32	20 22	0 31	21 10	1 18	8 51	0 33	17 47	1 46	16 26	15 24	23 26	23 27	18 4	1 43	3 49
T 6	4 54	17 38	4 13	9 35	0 13	21 17	2 3	6 12	0 32	20 24	0 31	21 10	1 18	8 53	0 33	17 47	1 46	16 25	15 24	23 26	23 27	18 2	1 42	3 49
W 7	5 17	13 52	4 41	10 16	0 20	21 36	2 7	6 27	0 31	20 26	0 31	21 11	1 18	8 54	0 33	17 47	1 46	16 24	15 25	23 26	23 27	18 0	1 41	3 49
T 8	5 40	9 30	4 58	10 57	0 27	21 55	2 10	6 43	0 31	20 28	0 31	21 12	1 17	8 55	0 33	17 46	1 46	16 24	15 25	23 26	23 27	17 59	1 40	3 48
F 9	6 3	4 43	5 1	11 37	0 34	22 14	2 14	6 59	0 30	20 31	0 30	21 13	1 17	8 57	0 33	17 46	1 46	16 23	15 25	23 25	23 26	17 57	1 39	3 48
S 10	6 26	0s19	4 50	12 16	0 41	22 32	2 17	7 14	0 30	20 33	0 30	21 13	1 17	8 58	0 33	17 46	1 46	16 22	15 25	23 25	23 26	17 55	1 37	3 48
S 11	6 49	5 26	4 25	12 54	0 48	22 49	2 20	7 30	0 29	20 35	0 30	21 14	1 17	8 59	0 33	17 45	1 46	16 22	15 26	23 25	23 26	17 53	1 36	3 48
M12	7 12	10 24	3 47	13 32	0 55	23 6	2 24	7 46	0 29	20 37	0 30	21 15	1 17	9 1	0 33	17 45	1 46	16 21	15 26	23 24	23 26	17 52	1 35	3 48
T 13	7 34	15 0	2 56	14 9	1 2	23 22	2 27	8 1	0 28	20 39	0 30	21 16	1 17	9 2	0 33	17 45	1 46	16 21	15 26	23 24	23 26	17 50	1 34	3 48
W14	7 57	18 58	1 55	14 46	1 9	23 38	2 30	8 17	0 28	20 42	0 30	21 16	1 16	9 4	0 33	17 44	1 46	16 20	15 26	23 24	23 26	17 48	1 33	3 48
T 15	8 19	22 1	0 47	15 21	1 15	23 53	2 33	8 32	0 27	20 44	0 29	21 17	1 16	9 5	0 33	17 44	1 46	16 19	15 27	23 24	23 26	17 46	1 32	3 47
F 16	8 41	23 53	0s24	15 56	1 22	24 8	2 36	8 48	0 27	20 46	0 29	21 18	1 16	9 6	0 33	17 44	1 46	16 19	15 27	23 24	23 26	17 45	1 31	3 47
S 17	9 4	24 21	1 36	16 30	1 28	24 22	2 39	9 3	0 26	20 48	0 29	21 19	1 16	9 8	0 33	17 43	1 46	16 18	15 27	23 24	23 26	17 43	1 30	3 47
S 18	9 26	23 19	2 43	17 3	1 35	24 35	2 42	9 18	0 26	20 50	0 29	21 19	1 16	9 9	0 33	17 43	1 46	16 18	15 27	23 24	23 26	17 41	1 28	3 47
M19	9 48	20 49	3 41	17 35	1 41	24 48	2 45	9 34	0 25	20 52	0 29	21 20	1 16	9 11	0 33	17 43	1 46	16 17	15 28	23 24	23 26	17 39	1 27	3 47
T 20	10 9	16 59	4 26	18 6	1 47	25 0	2 47	9 49	0 24	20 55	0 29	21 21	1 15	9 12	0 32	17 42	1 46	16 17	15 28	23 24	23 26	17 37	1 26	3 46
W21	10 31	12 6	4 55	18 36	1 53	25 11	2 50	10 4	0 24	20 57	0 29	21 22	1 15	9 13	0 32	17 42	1 46	16 16	15 28	23 24	23 25	17 35	1 25	3 46
T 22	10 52	6 31	5 5	19 5	1 58	25 22	2 53	10 19	0 23	20 59	0 29	21 22	1 15	9 15	0 32	17 42	1 46	16 16	15 29	23 23	23 25	17 34	1 24	3 46
F 23	11 14	0 35	4 55	19 34	2 4	25 33	2 55	10 34	0 23	21 1	0 28	21 23	1 15	9 16	0 32	17 41	1 46	16 15	15 29	23 23	23 25	17 32	1 23	3 46
S 24	11 35	5n20	4 26	20 1	2 9	25 42	2 57	10 49	0 22	21 3	0 28	21 24	1 15	9 17	0 32	17 41	1 46	16 15	15 29	23 23	23 25	17 30	1 22	3 46
S 25	11 56	10 53	3 41	20 27	2 14	25 51	3 0	11 4	0 22	21 5	0 28	21 25	1 15	9 19	0 32	17 41	1 46	16 14	15 30	23 22	23 25	17 28	1 21	3 45
M26	12 17	15 45	2 44	20 53	2 19	25 59	3 2	11 19	0 21	21 8	0 28	21 25	1 15	9 20	0 32	17 40	1 46	16 14	15 30	23 22	23 25	17 26	1 20	3 45
T 27	12 37	19 41	1 39	21 17	2 23	26 7	3 4	11 34	0 21	21 10	0 28	21 26	1 14	9 22	0 32	17 40	1 46	16 13	15 30	23 22	23 25	17 24	1 19	3 45
W28	12 58	22 30	0 31	21 39	2 27	26 14	3 6	11 48	0 20	21 12	0 28	21 27	1 14	9 23	0 32	17 39	1 46	16 13	15 31	23 22	23 25	17 23	1 18	3 45
T 29	13 18	24 6	0n38	22 1	2 31	26 20	3 8	12 3	0 20	21 14	0 28	21 28	1 14	9 24	0 32	17 39	1 46	16 13	15 31	23 22	23 25	17 21	1 17	3 45
F 30	13 38	24 27	1 43	22 22	2 35	26 26	3 10	12 18	0 19	21 16	0 27	21 28	1 14	9 26	0 32	17 39	1 46	16 12	15 31	23 22	23 25	17 19	1 16	3 44
S 31	13s57	23n37	2n42	22s41	2s38	26s31	3s11	12s32	0n18	21s18	0n27	21s29	1n14	9s27	0n32	17n38	1s46	16n12	15n32	23n22	23n25	17n17	1n15	3n44

Julian Day Number = 2350280.5, Delta T = 10.51 sec
Ecliptic obliquity = 23°28'32, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'11, Lahiri = 19°59'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

NOVEMBER 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 42	8♏15'54	7♌58	0♐52	24♐56	4♏32	8♐41	15♐52	25♎47	26°R19	25♍ 2	24°R37	25♊45	25♌24	24°R30	S 1
M 2	2 43 39	9°16'05	19°49	2° 1	26° 0	5°14	8°54	15°58	25°50	26♉17	25° 4	24♊37	25°42	25°31	24♓28	M 2
T 3	2 47 35	10°16'18	1♍40	3° 8	27° 4	5°55	9° 6	16° 4	25°54	26°16	25° 6	24°34	25°39	25°37	24°26	T 3
W 4	2 51 32	11°16'34	13°37	4°13	28° 8	6°36	9°19	16°10	25°58	26°14	25° 7	24°30	25°35	25°44	24°24	W 4
T 5	2 55 29	12°16'51	25°42	5°14	29°12	7°17	9°32	16°16	26° 1	26°12	25° 9	24°23	25°32	25°51	24°23	T 5
F 6	2 59 25	13°17'10	7♎59	6°13	0♑15	7°58	9°45	16°22	26° 5	26°11	25°11	24°16	25°29	25°58	24°21	F 6
S 7	3 3 22	14°17'31	20°31	7° 8	1°18	8°40	9°58	16°29	26° 9	26° 9	25°12	24° 9	25°26	26° 4	24°20	S 7
S 8	3 7 18	15°17'54	3♏18	7°59	2°21	9°21	10°10	16°35	26°12	26° 7	25°14	24° 1	25°23	26°11	24°18	S 8
M 9	3 11 15	16°18'19	16°20	8°46	3°23	10° 3	10°23	16°42	26°16	26° 6	25°16	23°56	25°20	26°18	24°17	M 9
T 10	3 15 11	17°18'45	29°36	9°27	4°25	10°44	10°36	16°48	26°20	26° 4	25°17	23°51	25°16	26°24	24°15	T 10
W11	3 19 8	18°19'13	13♐ 5	10° 3	5°27	11°25	10°49	16°54	26°23	26° 2	25°19	23°49	25°13	26°31	24°14	W11
T 12	3 23 4	19°19'43	26°46	10°33	6°28	12° 7	11° 2	17° 1	26°27	26° 1	25°20	23°D49	25°10	26°38	24°12	T 12
F 13	3 27 1	20°20'14	10♑35	10°56	7°29	12°49	11°16	17° 8	26°30	25°59	25°22	23°49	25° 7	26°44	24°11	F 13
S 14	3 30 58	21°20'46	24°32	11°11	8°30	13°30	11°29	17°14	26°34	25°57	25°23	23°51	25° 4	26°51	24°10	S 14
S 15	3 34 54	22°21'20	8♒35	11°R17	9°31	14°12	11°42	17°21	26°37	25°56	25°25	23°52	25° 1	26°58	24° 9	S 15
M16	3 38 51	23°21'54	22°43	11°15	10°31	14°54	11°55	17°27	26°41	25°54	25°26	23°R53	24°57	27° 5	24° 8	M16
T 17	3 42 47	24°22'30	6♓54	11° 2	11°30	15°35	12° 8	17°34	26°44	25°52	25°27	23°52	24°54	27°11	24° 7	T 17
W18	3 46 44	25°23'07	21° 7	10°39	12°29	16°17	12°22	17°41	26°48	25°50	25°29	23°50	24°51	27°18	24° 6	W18
T 19	3 50 40	26°23'45	5♈18	10° 6	13°28	16°59	12°35	17°47	26°51	25°49	25°30	23°47	24°48	27°25	24° 5	T 19
F 20	3 54 37	27°24'25	19°24	9°22	14°26	17°41	12°48	17°54	26°54	25°47	25°31	23°43	24°45	27°31	24° 4	F 20
S 21	3 58 33	28°25'05	3♉21	8°27	15°24	18°23	13° 2	18° 1	26°58	25°45	25°33	23°39	24°41	27°38	24° 3	S 21
S 22	4 2 30	29°25'47	17° 7	7°23	16°21	19° 5	13°15	18° 8	27° 1	25°44	25°34	23°36	24°38	27°45	24° 2	S 22
M23	4 6 27	0♐26'30	0♊37	6°11	17°18	19°47	13°28	18°15	27° 5	25°42	25°35	23°33	24°35	27°52	24° 1	M23
T 24	4 10 23	1°27'15	13°49	4°54	18°14	20°29	13°42	18°21	27° 8	25°40	25°36	23°32	24°32	27°58	24° 1	T 24
W25	4 14 20	2°28'01	26°44	3°32	19° 9	21°11	13°55	18°28	27°11	25°39	25°37	23°D31	24°29	28° 5	24° 0	W25
T 26	4 18 16	3°28'48	9♋20	2° 9	20° 4	21°53	14° 9	18°35	27°14	25°37	25°38	23°32	24°26	28°12	24° 0	T 26
F 27	4 22 13	4°29'37	21°40	0°49	20°59	22°35	14°22	18°42	27°18	25°35	25°39	23°34	24°22	28°18	23°59	F 27
S 28	4 26 9	5°30'27	3♌47	29♏32	21°52	23°18	14°36	18°49	27°21	25°34	25°41	23°35	24°19	28°25	23°59	S 28
S 29	4 30 6	6°31'18	15°45	28°23	22°46	24° 0	14°49	18°56	27°24	25°32	25°42	23°37	24°16	28°32	23°58	S 29
M30	4 34 2	7♐32'11	27♌37	27♏23	23♑38	24♏42	15♐ 3	19♐ 3	27♎27	25♉30	25♍43	23♊38	24♊13	28♌39	23♓58	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s17	21n43	3n33	22s58	2s40	26s35	3s13	12s46	0n18	21s20	0n27	21s30	1n14	9s28	0n32	17n38	1s46	16n11	15n32	23n22	23n24	17n15	1n14	3n44
M 2	14 36	18 55	4 14	23 15	2 42	26 39	3 14	13 1	0 17	21 22	0 27	21 31	1 14	9 30	0 32	17 38	1 46	16 11	15 32	23 22	23 24	17 13	1 13	3 44
T 3	14 55	15 19	4 45	23 30	2 44	26 42	3 16	13 15	0 17	21 24	0 27	21 32	1 14	9 31	0 32	17 37	1 46	16 11	15 33	23 22	23 24	17 11	1 12	3 44
W 4	15 14	11 7	5 3	23 43	2 45	26 45	3 17	13 29	0 16	21 26	0 27	21 32	1 13	9 32	0 32	17 37	1 46	16 10	15 33	23 22	23 24	17 10	1 11	3 43
T 5	15 33	6 26	5 9	23 55	2 45	26 46	3 18	13 43	0 16	21 28	0 27	21 33	1 13	9 34	0 32	17 36	1 46	16 10	15 34	23 21	23 24	17 8	1 11	3 43
F 6	15 51	1 26	5 0	24 5	2 45	26 47	3 19	13 57	0 15	21 30	0 27	21 34	1 13	9 35	0 32	17 36	1 46	16 10	15 34	23 21	23 24	17 6	1 10	3 43
S 7	16 9	3s44	4 37	24 14	2 44	26 48	3 20	14 11	0 15	21 32	0 27	21 35	1 13	9 36	0 32	17 36	1 46	16 10	15 34	23 21	23 24	17 4	1 9	3 43
S 8	16 27	8 52	4 0	24 21	2 42	26 48	3 20	14 25	0 14	21 34	0 26	21 35	1 13	9 38	0 32	17 35	1 46	16 9	15 35	23 20	23 24	17 2	1 8	3 42
M 9	16 44	13 43	3 10	24 26	2 40	26 47	3 21	14 38	0 13	21 36	0 26	21 36	1 13	9 39	0 32	17 35	1 46	16 9	15 35	23 20	23 24	17 0	1 7	3 42
T 10	17 2	18 1	2 8	24 29	2 36	26 45	3 21	14 52	0 13	21 38	0 26	21 37	1 13	9 40	0 32	17 34	1 47	16 9	15 36	23 20	23 23	16 58	1 7	3 42
W11	17 19	21 27	0 58	24 29	2 32	26 43	3 21	15 5	0 12	21 40	0 26	21 38	1 13	9 42	0 32	17 34	1 47	16 9	15 36	23 20	23 23	16 56	1 6	3 42
T 12	17 35	23 42	0s16	24 28	2 26	26 40	3 21	15 19	0 12	21 42	0 26	21 38	1 12	9 43	0 32	17 34	1 47	16 8	15 37	23 20	23 23	16 54	1 5	3 41
F 13	17 51	24 33	1 30	24 24	2 19	26 37	3 21	15 32	0 11	21 44	0 26	21 39	1 12	9 44	0 32	17 33	1 47	16 8	15 37	23 20	23 23	16 52	1 4	3 41
S 14	18 8	23 52	2 40	24 18	2 10	26 33	3 21	15 45	0 11	21 46	0 26	21 40	1 12	9 45	0 32	17 33	1 47	16 8	15 37	23 20	23 23	16 50	1 4	3 41
S 15	18 23	21 41	3 41	24 10	2 1	26 28	3 21	15 58	0 10	21 48	0 26	21 41	1 12	9 47	0 33	17 32	1 47	16 8	15 38	23 20	23 23	16 48	1 3	3 41
M16	18 39	18 11	4 28	23 58	1 50	26 23	3 20	16 11	0 9	21 50	0 26	21 41	1 12	9 48	0 33	17 32	1 47	16 8	15 38	23 20	23 23	16 46	1 2	3 40
T 17	18 54	13 37	5 0	23 44	1 37	26 17	3 19	16 24	0 9	21 52	0 25	21 42	1 12	9 49	0 33	17 32	1 47	16 8	15 39	23 20	23 23	16 45	1 2	3 40
W18	19 8	8 19	5 13	23 26	1 22	26 11	3 18	16 36	0 8	21 54	0 25	21 43	1 12	9 50	0 33	17 31	1 47	16 8	15 39	23 20	23 23	16 43	1 1	3 40
T 19	19 23	2 35	5 7	23 6	1 7	26 4	3 17	16 49	0 8	21 55	0 25	21 43	1 12	9 52	0 33	17 31	1 47	16 8	15 40	23 20	23 22	16 41	1 0	3 40
F 20	19 37	3n15	4 42	22 42	0 49	25 56	3 16	17 1	0 7	21 57	0 25	21 44	1 12	9 53	0 33	17 30	1 47	16 7	15 40	23 20	23 22	16 39	1 0	3 39
S 21	19 50	8 52	4 1	22 15	0 31	25 48	3 14	17 13	0 6	21 59	0 25	21 45	1 12	9 54	0 33	17 30	1 46	16 7	15 41	23 19	23 22	16 37	0 59	3 39
S 22	20 4	13 59	3 7	21 46	0 11	25 40	3 13	17 25	0 6	22 1	0 25	21 46	1 11	9 55	0 33	17 30	1 46	16 7	15 41	23 19	23 22	16 35	0 59	3 39
M23	20 16	18 19	2 3	21 13	0n 9	25 31	3 11	17 37	0 5	22 2	0 25	21 46	1 11	9 56	0 33	17 29	1 46	16 7	15 42	23 19	23 22	16 33	0 58	3 39
T 24	20 29	21 37	0 53	20 39	0 30	25 21	3 9	17 49	0 5	22 4	0 25	21 47	1 11	9 58	0 33	17 29	1 46	16 7	15 42	23 19	23 22	16 31	0 58	3 38
W25	20 41	23 44	0n18	20 4	0 50	25 11	3 7	18 1	0 4	22 6	0 25	21 48	1 11	9 59	0 33	17 29	1 46	16 7	15 43	23 19	23 22	16 29	0 57	3 38
T 26	20 53	24 35	1 26	19 29	1 10	25 0	3 4	18 13	0 3	22 8	0 24	21 48	1 11	10 0	0 33	17 28	1 46	16 7	15 43	23 19	23 21	16 27	0 57	3 38
F 27	21 4	24 11	2 29	18 55	1 28	24 49	3 1	18 24	0 3	22 9	0 24	21 49	1 11	10 1	0 33	17 28	1 46	16 7	15 44	23 19	23 21	16 25	0 56	3 37
S 28	21 15	22 39	3 24	18 23	1 45	24 38	2 58	18 35	0 2	22 11	0 24	21 50	1 11	10 2	0 33	17 27	1 46	16 7	15 44	23 19	23 21	16 23	0 56	3 37
S 29	21 26	20 7	4 10	17 53	2 0	24 26	2 55	18 46	0 2	22 13	0 24	21 50	1 11	10 3	0 33	17 27	1 46	16 8	15 45	23 19	23 21	16 21	0 55	3 37
M30	21s36	16n46	4n44	17s27	2n13	24s13	2s52	18s57	0n 1	22s14	0n24	21s51	1n11	10s 4	0n33	17n27	1s46	16n 8	15n45	23n19	23n21	16n19	0n55	3n37

Julian Day Number = 2350311.5, Delta T = 10.51 sec
Ecliptic obliquity = 23°28'32, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'16, Lahiri = 19°59'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1722
geocentric

DECEMBER 1722 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 59	8♐33'05	9♍29	26°R32	24♑30	25♏25	15♐17	19♐10	27♎30	25°R29	25♍44	23°R38	24♊10	28♌45	23°R58	T 1
W 2	4 41 56	9°34'00	21°25	25♏53	25°21	26° 7	15°30	19°17	27°33	25♉27	25°44	23♊37	24° 7	28°52	23♓57	W 2
T 3	4 45 52	10°34'57	3♎31	25°25	26°11	26°49	15°44	19°24	27°36	25°25	25°45	23°36	24° 3	28°59	23°57	T 3
F 4	4 49 49	11°35'54	15°49	25° 9	27° 0	27°32	15°57	19°31	27°39	25°24	25°46	23°35	24° 0	29° 5	23°57	F 4
S 5	4 53 45	12°36'53	28°25	25°D 3	27°49	28°14	16°11	19°38	27°42	25°22	25°47	23°33	23°57	29°12	23°D57	S 5
S 6	4 57 42	13°37'54	11♏20	25° 8	28°37	28°57	16°25	19°45	27°45	25°20	25°48	23°32	23°54	29°19	23°57	S 6
M 7	5 1 38	14°38'55	24°36	25°23	29°24	29°40	16°38	19°52	27°48	25°19	25°49	23°31	23°51	29°25	23°57	M 7
T 8	5 5 35	15°39'57	8♐11	25°46	0♒10	0♐22	16°52	19°59	27°51	25°17	25°49	23°30	23°47	29°32	23°57	T 8
W 9	5 9 31	16°41'00	22° 5	26°17	0°55	1° 5	17° 6	20° 6	27°54	25°16	25°50	23°D30	23°44	29°39	23°57	W 9
T 10	5 13 28	17°42'04	6♑13	26°55	1°38	1°48	17°19	20°13	27°56	25°14	25°51	23°30	23°41	29°46	23°58	T 10
F 11	5 17 25	18°43'09	20°32	27°40	2°21	2°31	17°33	20°20	27°59	25°13	25°51	23°30	23°38	29°52	23°58	F 11
S 12	5 21 21	19°44'14	4♒56	28°30	3° 3	3°14	17°47	20°27	28° 2	25°11	25°52	23°31	23°35	29°59	23°58	S 12
S 13	5 25 18	20°45'20	19°21	29°25	3°44	3°57	18° 0	20°35	28° 4	25°10	25°53	23°31	23°32	0♍ 6	23°59	S 13
M14	5 29 14	21°46'26	3♓42	0♐24	4°23	4°39	18°14	20°42	28° 7	25° 8	25°53	23°31	23°28	0°12	23°59	M14
T 15	5 33 11	22°47'32	17°56	1°28	5° 1	5°22	18°28	20°49	28°10	25° 7	25°54	23°31	23°25	0°19	24° 0	T 15
W16	5 37 7	23°48'38	2♈ 1	2°34	5°38	6° 5	18°41	20°56	28°12	25° 5	25°54	23°31	23°22	0°26	24° 0	W16
T 17	5 41 4	24°49'45	15°56	3°43	6°14	6°49	18°55	21° 3	28°15	25° 4	25°54	23°31	23°19	0°33	24° 1	T 17
F 18	5 45 0	25°50'51	29°38	4°55	6°48	7°32	19° 8	21°10	28°17	25° 2	25°55	23°31	23°16	0°39	24° 2	F 18
S 19	5 48 57	26°51'58	13♉ 8	6° 9	7°20	8°15	19°22	21°17	28°20	25° 1	25°55	23°32	23°13	0°46	24° 2	S 19
S 20	5 52 54	27°53'06	26°26	7°25	7°51	8°58	19°36	21°24	28°22	25° 0	25°56	23°32	23° 9	0°53	24° 3	S 20
M21	5 56 50	28°54'13	9♊30	8°43	8°21	9°41	19°49	21°31	28°24	24°58	25°56	23°33	23° 6	0°59	24° 4	M21
T 22	6 0 47	29°55'21	22°21	10° 2	8°49	10°25	20° 3	21°38	28°27	24°57	25°56	23°R33	23° 3	1° 6	24° 5	T 22
W23	6 4 43	0♑56'29	4♋59	11°23	9°15	11° 8	20°16	21°45	28°29	24°56	25°56	23°33	23° 0	1°13	24° 6	W23
T 24	6 8 40	1°57'38	17°24	12°45	9°39	11°51	20°30	21°52	28°31	24°54	25°57	23°32	22°57	1°20	24° 7	T 24
F 25	6 12 36	2°58'46	29°38	14° 8	10° 1	12°35	20°43	21°59	28°33	24°53	25°57	23°31	22°53	1°26	24° 8	F 25
S 26	6 16 33	3°59'55	11♌43	15°32	10°22	13°18	20°57	22° 6	28°35	24°52	25°57	23°29	22°50	1°33	24° 9	S 26
S 27	6 20 30	5° 1'05	23°39	16°56	10°40	14° 2	21°10	22°13	28°37	24°51	25°57	23°28	22°47	1°40	24°10	S 27
M28	6 24 26	6° 2'14	5♍32	18°22	10°57	14°45	21°24	22°20	28°39	24°49	25°57	23°26	22°44	1°46	24°12	M28
T 29	6 28 23	7° 3'24	17°23	19°48	11°11	15°29	21°37	22°27	28°41	24°48	25°R57	23°24	22°41	1°53	24°13	T 29
W30	6 32 19	8° 4'34	29°18	21°15	11°23	16°12	21°51	22°34	28°43	24°47	25°57	23°24	22°38	2° 0	24°14	W30
T 31	6 36 16	9♑ 5'44	11♎21	22♐43	11♒33	16♐56	22♐ 4	22♐41	28♎45	24♉46	25♍57	23°D23	22♊34	2♍ 7	24♓16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s46	12n45	5n 7	17s 5	2n23	24s 1	2s48	19s 8	0n 0	22s16	0n24	21s52	1n11	10s 6	0n33	17n26	1s46	16n 8	15n46	23n19	23n21	16n17	0n55	3n36
W 2	21 55	8 15	5 16	16 48	2 31	23 48	2 44	19 19	0s 0	22 17	0 24	21 52	1 11	10 7	0 33	17 26	1 46	16 8	15 46	23 19	23 21	16 15	0 54	3 36
T 3	22 4	3 22	5 12	16 36	2 38	23 34	2 40	19 29	0 1	22 19	0 24	21 53	1 10	10 8	0 33	17 26	1 46	16 8	15 47	23 19	23 21	16 13	0 54	3 36
F 4	22 13	1s44	4 53	16 28	2 42	23 20	2 36	19 40	0 1	22 20	0 24	21 53	1 10	10 9	0 33	17 25	1 46	16 8	15 48	23 19	23 20	16 11	0 54	3 36
S 5	22 21	6 53	4 20	16 24	2 44	23 6	2 31	19 50	0 2	22 22	0 24	21 54	1 10	10 10	0 33	17 25	1 46	16 8	15 48	23 19	23 20	16 9	0 53	3 35
S 6	22 28	11 53	3 33	16 25	2 45	22 51	2 26	20 0	0 3	22 23	0 24	21 55	1 10	10 11	0 33	17 24	1 46	16 8	15 49	23 19	23 20	16 7	0 53	3 35
M 7	22 35	16 28	2 33	16 29	2 44	22 37	2 21	20 10	0 3	22 25	0 23	21 55	1 10	10 12	0 33	17 24	1 46	16 9	15 49	23 19	23 20	16 5	0 53	3 35
T 8	22 42	20 20	1 24	16 36	2 42	22 21	2 16	20 19	0 4	22 26	0 23	21 56	1 10	10 13	0 33	17 24	1 46	16 9	15 50	23 19	23 20	16 2	0 53	3 35
W 9	22 48	23 6	0 8	16 46	2 39	22 6	2 10	20 29	0 5	22 28	0 23	21 56	1 10	10 14	0 33	17 23	1 46	16 9	15 50	23 19	23 20	16 0	0 53	3 34
T 10	22 54	24 30	1s10	16 59	2 35	21 50	2 4	20 38	0 5	22 29	0 23	21 57	1 10	10 15	0 33	17 23	1 46	16 9	15 51	23 19	23 19	15 58	0 52	3 34
F 11	23 0	24 17	2 24	17 14	2 30	21 35	1 58	20 47	0 6	22 30	0 23	21 58	1 10	10 16	0 33	17 23	1 46	16 10	15 51	23 19	23 19	15 56	0 52	3 34
S 12	23 5	22 28	3 30	17 30	2 25	21 19	1 51	20 56	0 6	22 32	0 23	21 58	1 10	10 17	0 33	17 22	1 46	16 10	15 52	23 19	23 19	15 54	0 52	3 33
S 13	23 9	19 12	4 23	17 48	2 19	21 2	1 44	21 5	0 7	22 33	0 23	21 59	1 10	10 18	0 33	17 22	1 46	16 10	15 52	23 19	23 19	15 52	0 52	3 33
M14	23 13	14 48	4 59	18 7	2 12	20 46	1 37	21 14	0 8	22 34	0 23	21 59	1 10	10 19	0 33	17 22	1 46	16 10	15 53	23 19	23 19	15 50	0 52	3 33
T 15	23 17	9 37	5 16	18 27	2 5	20 29	1 30	21 22	0 8	22 36	0 23	22 0	1 10	10 19	0 33	17 21	1 46	16 11	15 54	23 19	23 19	15 48	0 52	3 33
W16	23 20	3 59	5 14	18 47	1 58	20 13	1 22	21 30	0 9	22 37	0 23	22 0	1 10	10 20	0 33	17 21	1 46	16 11	15 54	23 19	23 19	15 46	0 52	3 32
T 17	23 22	1n46	4 53	19 7	1 50	19 56	1 14	21 38	0 10	22 38	0 23	22 1	1 10	10 21	0 33	17 21	1 46	16 11	15 55	23 19	23 18	15 44	0 52	3 32
F 18	23 25	7 21	4 17	19 28	1 43	19 39	1 5	21 46	0 10	22 39	0 23	22 1	1 10	10 22	0 33	17 20	1 46	16 12	15 55	23 19	23 18	15 42	0 52	3 32
S 19	23 26	12 32	3 26	19 49	1 35	19 23	0 57	21 54	0 11	22 41	0 22	22 2	1 9	10 23	0 33	17 20	1 46	16 12	15 56	23 19	23 18	15 40	0 52	3 32
S 20	23 28	17 2	2 25	20 9	1 27	19 6	0 47	22 1	0 11	22 42	0 22	22 2	1 9	10 24	0 33	17 20	1 46	16 12	15 56	23 19	23 18	15 38	0 52	3 31
M21	23 28	20 38	1 17	20 29	1 19	18 49	0 38	22 8	0 12	22 43	0 22	22 3	1 9	10 25	0 33	17 20	1 46	16 13	15 57	23 19	23 18	15 35	0 52	3 31
T 22	23 29	23 9	0 7	20 49	1 11	18 32	0 28	22 15	0 13	22 44	0 22	22 3	1 9	10 25	0 33	17 19	1 46	16 13	15 58	23 19	23 18	15 33	0 52	3 31
W23	23 28	24 26	1n 3	21 8	1 3	18 15	0 18	22 22	0 13	22 45	0 22	22 4	1 9	10 26	0 33	17 19	1 46	16 14	15 58	23 19	23 17	15 31	0 52	3 30
T 24	23 28	24 28	2 8	21 27	0 55	17 59	0 7	22 29	0 14	22 46	0 22	22 4	1 9	10 27	0 33	17 19	1 46	16 14	15 59	23 19	23 17	15 29	0 53	3 30
F 25	23 27	23 18	3 7	21 45	0 47	17 42	0n 4	22 35	0 15	22 47	0 22	22 5	1 9	10 28	0 33	17 19	1 46	16 15	15 59	23 19	23 17	15 27	0 53	3 30
S 26	23 25	21 5	3 56	22 3	0 39	17 26	0 15	22 41	0 15	22 48	0 22	22 5	1 9	10 28	0 33	17 18	1 46	16 15	16 0	23 19	23 17	15 25	0 53	3 30
S 27	23 23	17 58	4 35	22 19	0 31	17 10	0 27	22 47	0 16	22 49	0 22	22 6	1 9	10 29	0 33	17 18	1 46	16 15	16 0	23 19	23 17	15 23	0 53	3 29
M28	23 20	14 9	5 1	22 35	0 23	16 54	0 38	22 53	0 17	22 50	0 22	22 6	1 9	10 30	0 33	17 18	1 45	16 16	16 1	23 19	23 17	15 21	0 54	3 29
T 29	23 17	9 49	5 14	22 50	0 15	16 38	0 51	22 58	0 17	22 51	0 22	22 7	1 9	10 30	0 33	17 18	1 45	16 16	16 1	23 19	23 16	15 18	0 54	3 29
W30	23 14	5 5	5 14	23 3	0 8	16 22	1 3	23 3	0 18	22 52	0 22	22 7	1 9	10 31	0 33	17 17	1 45	16 17	16 2	23 19	23 16	15 16	0 54	3 29
T 31	23s10	0n 7	5n 1	23s16	0n 0	16s 7	1n16	23s 8	0s19	22s53	0n22	22s 7	1n 9	10s32	0n33	17n17	1s45	16n17	16n 3	23n19	23n16	15n14	0n54	3n28

Julian Day Number = 2350341.5, Delta T = 10.52 sec
Ecliptic obliquity = 23°28'32, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'20, Lahiri = 19°59'20Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1723
geocentric

JANUARY 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 12	10♉ 6'55	23♎36	24♐11	11♒41	17♐40	22♐17	22♐48	28♎47	24°R45	25°R57	23♊24	22♊31	2♍13	24♓17	F 1
S 2	6 44 9	11° 8'06	6♏ 9	25°40	11°47	18°24	22°31	22°54	28°48	24♉44	25♍57	23°25	22°28	2°20	24°19	S 2
S 3	6 48 5	12° 9'17	19° 2	27° 9	11°50	19° 7	22°44	23° 1	28°50	24°43	25°57	23°26	22°25	2°27	24°20	S 3
M 4	6 52 2	13°10'28	2♐20	28°39	11°R50	19°51	22°57	23° 8	28°52	24°42	25°56	23°28	22°22	2°33	24°22	M 4
T 5	6 55 59	14°11'39	16° 4	0♉ 9	11°48	20°35	23°11	23°15	28°53	24°41	25°56	23°29	22°19	2°40	24°24	T 5
W 6	6 59 55	15°12'50	0♉12	1°40	11°44	21°19	23°24	23°22	28°55	24°40	25°56	23°R29	22°15	2°47	24°25	W 6
T 7	7 3 52	16°14'01	14°41	3°11	11°37	22° 3	23°37	23°28	28°56	24°39	25°56	23°28	22°12	2°54	24°27	T 7
F 8	7 7 48	17°15'12	29°27	4°42	11°28	22°47	23°50	23°35	28°58	24°38	25°55	23°25	22° 9	3° 0	24°29	F 8
S 9	7 11 45	18°16'22	14♒20	6°15	11°16	23°31	24° 3	23°42	28°59	24°37	25°55	23°22	22° 6	3° 7	24°31	S 9
S 10	7 15 41	19°17'31	29°14	7°47	11° 1	24°15	24°16	23°48	29° 1	24°36	25°55	23°18	22° 3	3°14	24°33	S 10
M11	7 19 38	20°18'40	13♓59	9°20	10°45	24°59	24°29	23°55	29° 2	24°35	25°54	23°15	21°59	3°20	24°35	M11
T 12	7 23 34	21°19'48	28°30	10°54	10°25	25°43	24°42	24° 1	29° 3	24°35	25°54	23°12	21°56	3°27	24°37	T 12
W13	7 27 31	22°20'56	12♈42	12°28	10° 4	26°28	24°55	24° 8	29° 4	24°34	25°53	23°10	21°53	3°34	24°39	W13
T 14	7 31 28	23°22'02	26°34	14° 3	9°40	27°12	25° 8	24°14	29° 5	24°33	25°53	23°D10	21°50	3°41	24°41	T 14
F 15	7 35 24	24°23'08	10♉ 6	15°38	9°14	27°56	25°21	24°21	29° 7	24°33	25°52	23°11	21°47	3°47	24°43	F 15
S 16	7 39 21	25°24'12	23°19	17°13	8°46	28°40	25°34	24°27	29° 8	24°32	25°52	23°12	21°44	3°54	24°45	S 16
S 17	7 43 17	26°25'16	6♊15	18°49	8°16	29°25	25°46	24°34	29° 9	24°31	25°51	23°14	21°40	4° 1	24°48	S 17
M18	7 47 14	27°26'19	18°58	20°26	7°44	0♉ 9	25°59	24°40	29° 9	24°31	25°50	23°R15	21°37	4° 7	24°50	M18
T 19	7 51 10	28°27'22	1♋28	22° 3	7°11	0°54	26°12	24°46	29°10	24°30	25°50	23°15	21°34	4°14	24°52	T 19
W20	7 55 7	29°28'23	13°49	23°41	6°37	1°38	26°24	24°53	29°11	24°30	25°49	23°13	21°31	4°21	24°55	W20
T 21	7 59 3	0♒29'23	26° 0	25°20	6° 1	2°22	26°37	24°59	29°12	24°29	25°48	23° 9	21°28	4°28	24°57	T 21
F 22	8 3 0	1°30'23	8♌ 5	26°59	5°25	3° 7	26°49	25° 5	29°13	24°29	25°47	23° 3	21°25	4°34	25° 0	F 22
S 23	8 6 57	2°31'22	20° 4	28°39	4°48	3°52	27° 2	25°11	29°13	24°28	25°47	22°56	21°21	4°41	25° 2	S 23
S 24	8 10 53	3°32'19	1♍59	0♒19	4°11	4°36	27°14	25°17	29°14	24°28	25°46	22°48	21°18	4°48	25° 5	S 24
M25	8 14 50	4°33'16	13°51	2° 0	3°34	5°21	27°26	25°23	29°14	24°27	25°45	22°39	21°15	4°55	25° 7	M25
T 26	8 18 46	5°34'13	25°42	3°42	2°57	6° 6	27°39	25°29	29°15	24°27	25°44	22°32	21°12	5° 1	25°10	T 26
W27	8 22 43	6°35'08	7♎37	5°24	2°21	6°50	27°51	25°35	29°15	24°27	25°43	22°26	21° 9	5° 8	25°13	W27
T 28	8 26 39	7°36'02	19°38	7° 8	1°45	7°35	28° 3	25°41	29°15	24°27	25°42	22°22	21° 5	5°15	25°15	T 28
F 29	8 30 36	8°36'56	1♏49	8°51	1°10	8°20	28°15	25°47	29°16	24°26	25°41	22°20	21° 2	5°21	25°18	F 29
S 30	8 34 32	9°37'49	14°16	10°36	0°36	9° 5	28°27	25°52	29°16	24°26	25°40	22°D20	20°59	5°28	25°21	S 30
S 31	8 38 29	10♒38'42	27♏ 3	12♒21	0♒ 4	9♉50	28♐39	25♐58	29♎16	24♉26	25♍39	22♊21	20♊56	5♍35	25♓24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 5	4s56	4n33	23s28	0s 7	15s52	1n30	23s13	0s19	22s54	0n21	22s 8	1n 9	10s32	0n33	17n17	1s45	16n18	16n 3	23n19	23n16	15n12	0n55	3n28
S 2	23 0	9 56	3 52	23 39	0 14	15 38	1 43	23 18	0 20	22 54	0 21	22 8	1 9	10 33	0 33	17 17	1 45	16 19	16 4	23 19	23 16	15 10	0 55	3 28
S 3	22 55	14 38	2 59	23 48	0 21	15 23	1 57	23 22	0 21	22 55	0 21	22 9	1 9	10 34	0 33	17 16	1 45	16 19	16 4	23 19	23 15	15 8	0 56	3 28
M 4	22 49	18 48	1 54	23 57	0 28	15 10	2 12	23 26	0 21	22 56	0 21	22 9	1 9	10 34	0 33	17 16	1 45	16 20	16 5	23 19	23 15	15 5	0 56	3 27
T 5	22 43	22 4	0 41	24 4	0 35	14 56	2 26	23 30	0 22	22 57	0 21	22 9	1 9	10 35	0 33	17 16	1 45	16 20	16 5	23 19	23 15	15 3	0 56	3 27
W 6	22 36	24 5	0s37	24 10	0 42	14 43	2 41	23 34	0 23	22 58	0 21	22 10	1 9	10 35	0 33	17 16	1 45	16 21	16 6	23 19	23 15	15 1	0 57	3 27
T 7	22 29	24 33	1 54	24 14	0 48	14 31	2 56	23 37	0 23	22 58	0 21	22 10	1 9	10 36	0 33	17 16	1 45	16 22	16 6	23 19	23 15	14 59	0 57	3 27
F 8	22 22	23 19	3 5	24 18	0 54	14 19	3 11	23 41	0 24	22 59	0 21	22 10	1 9	10 36	0 33	17 16	1 45	16 22	16 7	23 19	23 15	14 57	0 58	3 26
S 9	22 14	20 26	4 4	24 20	1 0	14 7	3 26	23 43	0 25	23 0	0 21	22 11	1 9	10 37	0 33	17 15	1 45	16 23	16 7	23 19	23 14	14 55	0 58	3 26
S 10	22 5	16 13	4 46	24 21	1 6	13 57	3 41	23 46	0 25	23 0	0 21	22 11	1 9	10 37	0 33	17 15	1 45	16 23	16 8	23 18	23 14	14 52	0 59	3 26
M11	21 56	11 4	5 9	24 20	1 12	13 46	3 56	23 49	0 26	23 1	0 21	22 11	1 9	10 38	0 33	17 15	1 45	16 24	16 9	23 18	23 14	14 50	0 59	3 26
T 12	21 47	5 22	5 12	24 19	1 17	13 37	4 12	23 51	0 26	23 2	0 21	22 12	1 9	10 38	0 33	17 15	1 45	16 25	16 9	23 18	23 14	14 48	1 0	3 25
W13	21 37	0n29	4 55	24 15	1 22	13 28	4 27	23 53	0 27	23 2	0 21	22 12	1 9	10 38	0 33	17 15	1 45	16 25	16 10	23 18	23 14	14 46	1 1	3 25
T 14	21 27	6 11	4 22	24 11	1 27	13 19	4 42	23 55	0 28	23 3	0 21	22 12	1 9	10 39	0 34	17 15	1 45	16 26	16 10	23 18	23 13	14 44	1 1	3 25
F 15	21 16	11 28	3 34	24 5	1 32	13 12	4 57	23 56	0 28	23 3	0 20	22 13	1 9	10 39	0 34	17 15	1 45	16 27	16 11	23 18	23 13	14 41	1 2	3 25
S 16	21 5	16 6	2 36	23 57	1 36	13 5	5 12	23 57	0 29	23 4	0 20	22 13	1 9	10 39	0 34	17 15	1 45	16 27	16 11	23 18	23 13	14 39	1 3	3 25
S 17	20 54	19 53	1 32	23 48	1 40	12 58	5 26	23 58	0 30	23 4	0 20	22 13	1 9	10 40	0 34	17 14	1 44	16 28	16 12	23 18	23 13	14 37	1 3	3 24
M18	20 42	22 38	0 23	23 38	1 44	12 53	5 40	23 59	0 30	23 5	0 20	22 13	1 9	10 40	0 34	17 14	1 44	16 29	16 12	23 18	23 13	14 35	1 4	3 24
T 19	20 30	24 13	0n45	23 26	1 48	12 48	5 53	23 59	0 31	23 5	0 20	22 14	1 9	10 40	0 34	17 14	1 44	16 30	16 13	23 18	23 12	14 32	1 5	3 24
W20	20 18	24 35	1 50	23 13	1 51	12 44	6 6	24 0	0 32	23 5	0 20	22 14	1 9	10 41	0 34	17 14	1 44	16 30	16 13	23 18	23 12	14 30	1 5	3 24
T 21	20 5	23 44	2 49	22 58	1 54	12 40	6 19	24 0	0 32	23 6	0 20	22 14	1 9	10 41	0 34	17 14	1 44	16 31	16 14	23 18	23 12	14 28	1 6	3 23
F 22	19 51	21 48	3 39	22 42	1 57	12 37	6 31	23 59	0 33	23 6	0 20	22 14	1 9	10 41	0 34	17 14	1 44	16 32	16 14	23 18	23 12	14 26	1 7	3 23
S 23	19 38	18 55	4 20	22 24	1 59	12 35	6 42	23 59	0 34	23 7	0 20	22 15	1 9	10 41	0 34	17 14	1 44	16 33	16 15	23 17	23 12	14 23	1 8	3 23
S 24	19 24	15 16	4 49	22 5	2 1	12 34	6 52	23 58	0 34	23 7	0 20	22 15	1 9	10 41	0 34	17 14	1 44	16 33	16 15	23 17	23 11	14 21	1 9	3 23
M25	19 9	11 3	5 5	21 44	2 2	12 33	7 1	23 57	0 35	23 7	0 20	22 15	1 9	10 42	0 34	17 14	1 44	16 34	16 16	23 16	23 11	14 19	1 9	3 23
T 26	18 54	6 25	5 8	21 21	2 3	12 33	7 10	23 56	0 36	23 8	0 20	22 15	1 9	10 42	0 34	17 14	1 44	16 35	16 16	23 16	23 11	14 17	1 10	3 22
W27	18 39	1 32	4 58	20 57	2 4	12 33	7 18	23 54	0 36	23 8	0 20	22 16	1 9	10 42	0 34	17 14	1 44	16 36	16 16	23 16	23 11	14 14	1 11	3 22
T 28	18 24	3s27	4 35	20 32	2 5	12 34	7 25	23 53	0 37	23 8	0 20	22 16	1 9	10 42	0 34	17 14	1 44	16 36	16 17	23 15	23 11	14 12	1 12	3 22
F 29	18 8	8 23	3 59	20 4	2 4	12 35	7 31	23 51	0 38	23 8	0 20	22 16	1 9	10 42	0 34	17 14	1 44	16 37	16 17	23 15	23 10	14 10	1 13	3 22
S 30	17 52	13 6	3 11	19 36	2 4	12 37	7 36	23 48	0 38	23 8	0 20	22 16	1 9	10 42	0 34	17 14	1 44	16 38	16 18	23 15	23 10	14 8	1 14	3 22
S 31	17s36	17s23	2n12	19s 5	2s 3	12s40	7n40	23s46	0s39	23s 9	0n19	22s16	1n 9	10s42	0n34	17n14	1s44	16n39	16n18	23n15	23n10	14n 5	1n15	3n21

Julian Day Number = 2350372.5, Delta T = 10.52 sec
Ecliptic obliquity = 23°28'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'24, Lahiri = 19°59'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

FEBRUARY 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 42 26	11♒39'33	10♐14	14♒ 7	29°R34	10♑34	28♐50	26♐ 4	29♎16	24°R26	25°R38	22♊22	20♊53	5♍42	25♓27	M 1
T 2	8 46 22	12°40'23	23°52	15°53	29♑ 5	11°19	29° 2	26° 9	29°16	24♉26	25♍37	22°R23	20°50	5°48	25°29	T 2
W 3	8 50 19	13°41'13	8♑ 0	17°40	28°38	12° 4	29°14	26°15	29°R16	24°26	25°36	22°22	20°46	5°55	25°32	W 3
T 4	8 54 15	14°42'02	22°35	19°28	28°13	12°49	29°25	26°21	29°16	24°D26	25°35	22°18	20°43	6° 2	25°35	T 4
F 5	8 58 12	15°42'49	7♒32	21°16	27°51	13°34	29°37	26°26	29°16	24°26	25°34	22°13	20°40	6° 8	25°38	F 5
S 6	9 2 8	16°43'35	22°44	23° 5	27°30	14°19	29°48	26°31	29°16	24°26	25°33	22° 5	20°37	6°15	25°41	S 6
S 7	9 6 5	17°44'20	8♓ 0	24°54	27°12	15° 5	29°59	26°37	29°16	24°26	25°31	21°56	20°34	6°22	25°44	S 7
M 8	9 10 1	18°45'03	23° 9	26°43	26°57	15°50	0♑11	26°42	29°16	24°26	25°30	21°47	20°31	6°29	25°47	M 8
T 9	9 13 58	19°45'44	8♈ 1	28°33	26°43	16°35	0°22	26°47	29°15	24°26	25°29	21°39	20°27	6°35	25°51	T 9
W10	9 17 55	20°46'24	22°29	0♓22	26°33	17°20	0°33	26°52	29°15	24°26	25°28	21°34	20°24	6°42	25°54	W10
T 11	9 21 51	21°47'02	6♉31	2°11	26°24	18° 5	0°44	26°57	29°15	24°27	25°27	21°31	20°21	6°49	25°57	T 11
F 12	9 25 48	22°47'38	20° 5	4° 0	26°19	18°50	0°55	27° 2	29°14	24°27	25°25	21°D29	20°18	6°55	26° 0	F 12
S 13	9 29 44	23°48'13	3♊15	5°48	26°15	19°36	1° 6	27° 7	29°14	24°27	25°24	21°30	20°15	7° 2	26° 3	S 13
S 14	9 33 41	24°48'46	16° 3	7°35	26°D14	20°21	1°16	27°12	29°13	24°27	25°23	21°R30	20°11	7° 9	26° 7	S 14
M15	9 37 37	25°49'17	28°33	9°21	26°16	21° 6	1°27	27°17	29°12	24°28	25°21	21°30	20° 8	7°16	26°10	M15
T 16	9 41 34	26°49'46	10♋51	11° 5	26°20	21°52	1°37	27°21	29°12	24°28	25°20	21°28	20° 5	7°22	26°13	T 16
W17	9 45 30	27°50'14	22°58	12°47	26°26	22°37	1°48	27°26	29°11	24°29	25°18	21°24	20° 2	7°29	26°17	W17
T 18	9 49 27	28°50'39	4♌59	14°26	26°34	23°23	1°58	27°30	29°10	24°29	25°17	21°17	19°59	7°36	26°20	T 18
F 19	9 53 24	29°51'03	16°56	16° 2	26°45	24° 8	2° 8	27°35	29° 9	24°30	25°16	21° 6	19°56	7°43	26°23	F 19
S 20	9 57 20	0♓51'25	28°49	17°34	26°58	24°53	2°18	27°39	29° 8	24°30	25°14	20°54	19°52	7°49	26°27	S 20
S 21	10 1 17	1°51'46	10♍42	19° 2	27°13	25°39	2°28	27°44	29° 7	24°31	25°13	20°41	19°49	7°56	26°30	S 21
M22	10 5 13	2°52'04	22°35	20°25	27°30	26°24	2°38	27°48	29° 6	24°31	25°11	20°27	19°46	8° 3	26°34	M22
T 23	10 9 10	3°52'21	4♎29	21°43	27°49	27°10	2°48	27°52	29° 5	24°32	25°10	20°14	19°43	8° 9	26°37	T 23
W24	10 13 6	4°52'37	16°27	22°54	28°10	27°56	2°58	27°56	29° 4	24°33	25° 8	20° 3	19°40	8°16	26°40	W24
T 25	10 17 3	5°52'50	28°30	23°58	28°32	28°41	3° 7	28° 0	29° 3	24°33	25° 7	19°55	19°37	8°23	26°44	T 25
F 26	10 20 59	6°53'03	10♏43	24°55	28°57	29°27	3°17	28° 4	29° 2	24°34	25° 5	19°49	19°33	8°30	26°47	F 26
S 27	10 24 56	7°53'13	23° 8	25°45	29°23	0♒12	3°26	28° 8	29° 1	24°35	25° 4	19°47	19°30	8°36	26°51	S 27
S 28	10 28 53	8♓53'23	5♐50	26♓25	29♑51	0♒58	3♑35	28♐12	28♎59	24♉36	25♍ 2	19°D46	19♊27	8♍43	26♓55	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s19	20s57	1n 5	18s33	2s 2	12s43	7n44	23s43	0s40	23s 9	0n19	22s16	1n 9	10s42	0n34	17n14	1s44	16n40	16n19	23n15	23n10	14n 3	1n16	3n21
T 2	17 2	23 28	0s 8	18 0	2 0	12 46	7 46	23 40	0 40	23 9	0 19	22 17	1 9	10 42	0 34	17 14	1 43	16 40	16 19	23 15	23 9	14 1	1 17	3 21
W 3	16 45	24 37	1 23	17 25	1 57	12 50	7 48	23 37	0 41	23 9	0 19	22 17	1 9	10 42	0 34	17 14	1 43	16 41	16 20	23 15	23 9	13 58	1 18	3 21
T 4	16 27	24 8	2 35	16 49	1 54	12 53	7 49	23 33	0 42	23 9	0 19	22 17	1 9	10 42	0 34	17 14	1 43	16 42	16 20	23 15	23 9	13 56	1 19	3 21
F 5	16 9	21 55	3 38	16 11	1 51	12 58	7 49	23 29	0 42	23 9	0 19	22 17	1 9	10 42	0 34	17 14	1 43	16 43	16 20	23 15	23 9	13 54	1 20	3 20
S 6	15 51	18 9	4 26	15 31	1 47	13 2	7 48	23 25	0 43	23 9	0 19	22 17	1 9	10 42	0 34	17 14	1 43	16 44	16 21	23 14	23 9	13 52	1 21	3 20
S 7	15 32	13 9	4 56	14 50	1 42	13 7	7 47	23 21	0 44	23 10	0 19	22 17	1 9	10 42	0 34	17 14	1 43	16 44	16 21	23 14	23 8	13 49	1 22	3 20
M 8	15 14	7 23	5 5	14 8	1 36	13 12	7 45	23 16	0 44	23 10	0 19	22 17	1 9	10 42	0 34	17 14	1 43	16 45	16 21	23 13	23 8	13 47	1 23	3 20
T 9	14 55	1 18	4 53	13 25	1 30	13 17	7 42	23 11	0 45	23 10	0 19	22 17	1 9	10 42	0 34	17 15	1 43	16 46	16 22	23 13	23 8	13 45	1 24	3 20
W10	14 35	4n42	4 22	12 40	1 24	13 22	7 39	23 6	0 46	23 10	0 19	22 17	1 9	10 41	0 34	17 15	1 43	16 47	16 22	23 12	23 8	13 42	1 25	3 20
T 11	14 16	10 18	3 36	11 54	1 17	13 27	7 35	23 1	0 46	23 10	0 19	22 18	1 9	10 41	0 34	17 15	1 43	16 48	16 23	23 12	23 7	13 40	1 26	3 19
F 12	13 56	15 14	2 40	11 7	1 9	13 33	7 31	22 56	0 47	23 10	0 19	22 18	1 9	10 41	0 34	17 15	1 43	16 49	16 23	23 12	23 7	13 38	1 27	3 19
S 13	13 36	19 16	1 36	10 20	1 0	13 38	7 26	22 50	0 48	23 10	0 19	22 18	1 9	10 41	0 34	17 15	1 43	16 49	16 23	23 12	23 7	13 35	1 28	3 19
S 14	13 16	22 16	0 29	9 31	0 51	13 43	7 21	22 44	0 48	23 10	0 19	22 18	1 9	10 41	0 34	17 15	1 43	16 50	16 24	23 12	23 7	13 33	1 30	3 19
M15	12 56	24 6	0n37	8 42	0 41	13 48	7 15	22 37	0 49	23 9	0 19	22 18	1 9	10 40	0 34	17 15	1 43	16 51	16 24	23 12	23 7	13 31	1 31	3 19
T 16	12 35	24 43	1 41	7 53	0 30	13 54	7 9	22 31	0 50	23 9	0 19	22 18	1 9	10 40	0 34	17 15	1 43	16 52	16 24	23 12	23 6	13 28	1 32	3 19
W17	12 15	24 8	2 39	7 3	0 18	13 59	7 3	22 24	0 50	23 9	0 18	22 18	1 9	10 40	0 34	17 16	1 43	16 53	16 25	23 12	23 6	13 26	1 33	3 18
T 18	11 54	22 26	3 29	6 14	0 6	14 4	6 56	22 17	0 51	23 9	0 18	22 18	1 9	10 40	0 34	17 16	1 42	16 54	16 25	23 11	23 6	13 23	1 34	3 18
F 19	11 32	19 45	4 10	5 25	0n 6	14 8	6 49	22 10	0 52	23 9	0 18	22 18	1 9	10 39	0 34	17 16	1 42	16 54	16 25	23 11	23 6	13 21	1 35	3 18
S 20	11 11	16 15	4 39	4 37	0 19	14 13	6 42	22 2	0 52	23 9	0 18	22 18	1 9	10 39	0 34	17 16	1 42	16 55	16 25	23 10	23 5	13 19	1 37	3 18
S 21	10 50	12 8	4 56	3 50	0 33	14 17	6 35	21 55	0 53	23 9	0 18	22 18	1 9	10 39	0 34	17 16	1 42	16 56	16 26	23 9	23 5	13 16	1 38	3 18
M22	10 28	7 33	5 0	3 5	0 47	14 22	6 27	21 47	0 53	23 9	0 18	22 18	1 9	10 38	0 34	17 17	1 42	16 57	16 26	23 8	23 5	13 14	1 39	3 18
T 23	10 6	2 40	4 52	2 21	1 1	14 26	6 20	21 39	0 54	23 9	0 18	22 18	1 9	10 38	0 34	17 17	1 42	16 58	16 26	23 7	23 5	13 12	1 40	3 18
W24	9 44	2s19	4 30	1 40	1 16	14 29	6 12	21 30	0 55	23 9	0 18	22 18	1 9	10 37	0 34	17 17	1 42	16 59	16 26	23 6	23 4	13 9	1 42	3 17
T 25	9 22	7 17	3 56	1 1	1 30	14 33	6 4	21 22	0 55	23 8	0 18	22 18	1 9	10 37	0 34	17 17	1 42	16 59	16 27	23 5	23 4	13 7	1 43	3 17
F 26	9 0	12 2	3 11	0 25	1 45	14 36	5 56	21 13	0 56	23 8	0 18	22 18	1 9	10 37	0 34	17 18	1 42	17 0	16 27	23 5	23 4	13 4	1 44	3 17
S 27	8 37	16 23	2 16	0n 8	1 59	14 38	5 48	21 4	0 57	23 8	0 18	22 18	1 9	10 36	0 35	17 18	1 42	17 1	16 27	23 5	23 4	13 2	1 46	3 17
S 28	8s15	20s 7	1n13	0n37	2n13	14s41	5n39	20s54	0s57	23s 8	0n18	22s18	1n 9	10s36	0n35	17n18	1s42	17n 2	16n27	23n 5	23n 3	13n 0	1n47	3n17

Julian Day Number = 2350403.5, Delta T = 10.52 sec
Ecliptic obliquity = 23°28'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'28, Lahiri = 19°59'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

MARCH 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 32 49	9♓53'30	18♐53	26♓58	0♒21	1♒44	3♑44	28♐15	28°R58	24♉37	25°R 1	19°R46	19♊24	8♍50	26♓58	M 1
T 2	10 36 46	10°53'37	2♑22	27°21	0°52	2°30	3°53	28°19	28♎57	24°37	24♍59	19♊45	19°21	8°56	27° 2	T 2
W 3	10 40 42	11°53'41	16°19	27°35	1°24	3°15	4° 2	28°23	28°55	24°38	24°57	19°43	19°17	9° 3	27° 5	W 3
T 4	10 44 39	12°53'44	0♒45	27°R40	1°58	4° 1	4°11	28°26	28°54	24°39	24°56	19°39	19°14	9°10	27° 9	T 4
F 5	10 48 35	13°53'46	15°36	27°35	2°33	4°47	4°20	28°29	28°52	24°40	24°54	19°32	19°11	9°17	27°13	F 5
S 6	10 52 32	14°53'45	0♓47	27°22	3°10	5°33	4°28	28°33	28°51	24°41	24°53	19°22	19° 8	9°23	27°16	S 6
S 7	10 56 28	15°53'43	16° 8	27° 1	3°48	6°18	4°36	28°36	28°49	24°42	24°51	19°10	19° 5	9°30	27°20	S 7
M 8	11 0 25	16°53'38	1♈26	26°31	4°27	7° 4	4°45	28°39	28°47	24°43	24°49	18°59	19° 2	9°37	27°23	M 8
T 9	11 4 22	17°53'32	16°31	25°55	5° 7	7°50	4°53	28°42	28°46	24°44	24°48	18°49	18°58	9°43	27°27	T 9
W10	11 8 18	18°53'23	1♉14	25°12	5°48	8°36	5° 1	28°45	28°44	24°45	24°46	18°41	18°55	9°50	27°31	W10
T 11	11 12 15	19°53'13	15°28	24°25	6°31	9°22	5° 8	28°48	28°42	24°47	24°45	18°35	18°52	9°57	27°34	T 11
F 12	11 16 11	20°53'00	29°12	23°33	7°14	10° 8	5°16	28°50	28°40	24°48	24°43	18°33	18°49	10° 4	27°38	F 12
S 13	11 20 8	21°52'45	12♊27	22°39	7°58	10°54	5°24	28°53	28°39	24°49	24°41	18°32	18°46	10°10	27°42	S 13
S 14	11 24 4	22°52'27	25°17	21°43	8°43	11°40	5°31	28°55	28°37	24°50	24°40	18°32	18°42	10°17	27°45	S 14
M15	11 28 1	23°52'08	7♋46	20°46	9°29	12°26	5°38	28°58	28°35	24°52	24°38	18°31	18°39	10°24	27°49	M15
T 16	11 31 57	24°51'46	20° 0	19°51	10°16	13°12	5°45	29° 0	28°33	24°53	24°36	18°29	18°36	10°31	27°53	T 16
W17	11 35 54	25°51'21	2♌ 2	18°58	11° 4	13°58	5°52	29° 2	28°31	24°54	24°35	18°25	18°33	10°37	27°56	W17
T 18	11 39 51	26°50'55	13°57	18° 7	11°53	14°44	5°59	29° 5	28°29	24°55	24°33	18°17	18°30	10°44	28° 0	T 18
F 19	11 43 47	27°50'26	25°49	17°20	12°42	15°30	6° 6	29° 7	28°27	24°57	24°31	18° 7	18°27	10°51	28° 4	F 19
S 20	11 47 44	28°49'55	7♍41	16°38	13°32	16°16	6°12	29° 9	28°25	24°58	24°30	17°54	18°23	10°57	28° 8	S 20
S 21	11 51 40	29°49'22	19°34	16° 1	14°23	17° 2	6°19	29°11	28°23	25° 0	24°28	17°41	18°20	11° 4	28°11	S 21
M22	11 55 37	0♈48'47	1♎29	15°29	15°15	17°48	6°25	29°12	28°20	25° 1	24°27	17°27	18°17	11°11	28°15	M22
T 23	11 59 33	1°48'09	13°29	15° 3	16° 7	18°34	6°31	29°14	28°18	25° 3	24°25	17°13	18°14	11°18	28°19	T 23
W24	12 3 30	2°47'30	25°35	14°43	17° 0	19°20	6°37	29°16	28°16	25° 4	24°23	17° 2	18°11	11°24	28°22	W24
T 25	12 7 26	3°46'49	7♏47	14°29	17°53	20° 6	6°43	29°17	28°14	25° 6	24°22	16°53	18° 8	11°31	28°26	T 25
F 26	12 11 23	4°46'06	20° 8	14°21	18°47	20°52	6°48	29°19	28°12	25° 7	24°20	16°48	18° 4	11°38	28°30	F 26
S 27	12 15 19	5°45'21	2♐39	14°D18	19°42	21°38	6°54	29°20	28° 9	25° 9	24°18	16°45	18° 1	11°44	28°33	S 27
S 28	12 19 16	6°44'34	15°25	14°21	20°37	22°24	6°59	29°21	28° 7	25°10	24°17	16°D44	17°58	11°51	28°37	S 28
M29	12 23 13	7°43'46	28°29	14°30	21°33	23°10	7° 4	29°22	28° 5	25°12	24°15	16°44	17°55	11°58	28°41	M29
T 30	12 27 9	8°42'55	11♑53	14°43	22°29	23°56	7° 9	29°23	28° 2	25°14	24°14	16°R44	17°52	12° 5	28°44	T 30
W31	12 31 6	9♈42'04	25♑40	15♓ 2	23♒25	24♒42	7♑14	29♐24	28♎ 0	25♉15	24♍12	16♊43	17♊48	12♍11	28♓48	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s52	22s56	0n 5	1n 2	2n27	14s43	5n31	20s45	0s58	23s 8	0n18	22s18	1n 9	10s35	0n35	17n18	1s42	17n 3	16n28	23n 5	23n 3	12n57	1n48	3n17
T 2	7 30	24 33	1s 6	1 23	2 40	14 44	5 23	20 35	0 59	23 7	0 18	22 18	1 9	10 35	0 35	17 19	1 42	17 3	16 28	23 5	23 3	12 55	1 49	3 17
W 3	7 7	24 43	2 15	1 40	2 52	14 46	5 14	20 25	0 59	23 7	0 18	22 18	1 10	10 34	0 35	17 19	1 42	17 4	16 28	23 5	23 3	12 52	1 51	3 17
T 4	6 44	23 15	3 18	1 52	3 3	14 47	5 6	20 15	1 0	23 7	0 18	22 18	1 10	10 34	0 35	17 19	1 42	17 5	16 28	23 4	23 2	12 50	1 52	3 16
F 5	6 21	20 9	4 10	1 59	3 13	14 47	4 58	20 4	1 0	23 7	0 18	22 18	1 10	10 33	0 35	17 19	1 42	17 6	16 28	23 4	23 2	12 48	1 53	3 16
S 6	5 58	15 38	4 45	2 2	3 21	14 47	4 49	19 54	1 1	23 7	0 17	22 18	1 10	10 32	0 35	17 20	1 42	17 7	16 28	23 3	23 2	12 45	1 55	3 16
S 7	5 34	10 5	5 0	2 0	3 28	14 47	4 41	19 43	1 2	23 6	0 17	22 18	1 10	10 32	0 35	17 20	1 41	17 7	16 29	23 2	23 2	12 43	1 56	3 16
M 8	5 11	3 54	4 53	1 53	3 33	14 46	4 33	19 32	1 2	23 6	0 17	22 18	1 10	10 31	0 35	17 20	1 41	17 8	16 29	23 1	23 1	12 40	1 57	3 16
T 9	4 48	2n25	4 26	1 41	3 37	14 45	4 24	19 21	1 3	23 6	0 17	22 18	1 10	10 31	0 35	17 21	1 41	17 9	16 29	23 0	23 1	12 38	1 59	3 16
W10	4 24	8 27	3 42	1 26	3 38	14 43	4 16	19 9	1 3	23 6	0 17	22 18	1 10	10 30	0 35	17 21	1 41	17 10	16 29	23 0	23 1	12 36	2 0	3 16
T 11	4 1	13 52	2 45	1 6	3 38	14 41	4 7	18 58	1 4	23 5	0 17	22 18	1 10	10 29	0 35	17 21	1 41	17 10	16 29	22 59	23 1	12 33	2 2	3 16
F 12	3 37	18 23	1 40	0 44	3 35	14 38	3 59	18 46	1 5	23 5	0 17	22 18	1 10	10 29	0 35	17 22	1 41	17 11	16 29	22 59	23 0	12 31	2 3	3 16
S 13	3 14	21 48	0 32	0 18	3 31	14 35	3 51	18 34	1 5	23 5	0 17	22 18	1 10	10 28	0 35	17 22	1 41	17 12	16 29	22 59	23 0	12 28	2 4	3 16
S 14	2 50	23 59	0n36	0s10	3 24	14 31	3 43	18 22	1 6	23 5	0 17	22 18	1 10	10 27	0 35	17 22	1 41	17 13	16 29	22 59	23 0	12 26	2 6	3 16
M15	2 26	24 55	1 40	0 39	3 16	14 27	3 35	18 10	1 6	23 4	0 17	22 18	1 10	10 27	0 35	17 23	1 41	17 13	16 29	22 59	22 59	12 23	2 7	3 15
T 16	2 3	24 35	2 38	1 10	3 6	14 23	3 26	17 57	1 7	23 4	0 17	22 18	1 10	10 26	0 35	17 23	1 41	17 14	16 29	22 59	22 59	12 21	2 9	3 15
W17	1 39	23 7	3 28	1 41	2 55	14 18	3 18	17 44	1 7	23 4	0 17	22 18	1 10	10 25	0 35	17 23	1 41	17 15	16 29	22 58	22 59	12 18	2 10	3 15
T 18	1 15	20 38	4 8	2 12	2 43	14 12	3 10	17 31	1 8	23 4	0 17	22 18	1 10	10 25	0 35	17 24	1 41	17 15	16 29	22 58	22 59	12 16	2 11	3 15
F 19	0 52	17 17	4 38	2 43	2 30	14 6	3 3	17 18	1 9	23 3	0 17	22 18	1 10	10 24	0 35	17 24	1 41	17 16	16 29	22 57	22 58	12 13	2 13	3 15
S 20	0 28	13 16	4 55	3 12	2 15	14 0	2 55	17 5	1 9	23 3	0 17	22 18	1 10	10 23	0 35	17 25	1 41	17 17	16 29	22 55	22 58	12 11	2 14	3 15
S 21	0 4	8 44	5 0	3 40	2 0	13 53	2 47	16 52	1 10	23 3	0 17	22 18	1 10	10 22	0 35	17 25	1 41	17 17	16 29	22 54	22 58	12 9	2 16	3 15
M22	0n19	3 51	4 51	4 7	1 45	13 45	2 39	16 38	1 10	23 3	0 17	22 18	1 10	10 21	0 35	17 25	1 41	17 18	16 29	22 53	22 58	12 6	2 17	3 15
T 23	0 43	1s12	4 29	4 31	1 30	13 37	2 32	16 24	1 11	23 2	0 17	22 18	1 10	10 21	0 35	17 26	1 41	17 19	16 29	22 52	22 57	12 4	2 18	3 15
W24	1 7	6 15	3 56	4 53	1 14	13 29	2 24	16 11	1 11	23 2	0 16	22 18	1 10	10 20	0 35	17 26	1 41	17 19	16 29	22 51	22 57	12 1	2 20	3 15
T 25	1 30	11 7	3 11	5 13	0 59	13 20	2 17	15 56	1 12	23 2	0 16	22 18	1 11	10 19	0 35	17 27	1 40	17 20	16 29	22 50	22 57	11 59	2 21	3 15
F 26	1 54	15 37	2 16	5 30	0 44	13 10	2 9	15 42	1 12	23 2	0 16	22 18	1 11	10 18	0 35	17 27	1 40	17 20	16 29	22 49	22 56	11 56	2 23	3 15
S 27	2 17	19 31	1 14	5 45	0 29	13 0	2 2	15 28	1 13	23 2	0 16	22 18	1 11	10 17	0 35	17 27	1 40	17 21	16 29	22 49	22 56	11 54	2 24	3 15
S 28	2 41	22 34	0 7	5 57	0 14	12 50	1 55	15 13	1 13	23 1	0 16	22 18	1 11	10 17	0 35	17 28	1 40	17 22	16 29	22 49	22 56	11 51	2 25	3 15
M29	3 4	24 30	1s 2	6 7	0s 0	12 39	1 47	14 59	1 14	23 1	0 16	22 18	1 11	10 16	0 35	17 28	1 40	17 22	16 29	22 49	22 56	11 49	2 27	3 15
T 30	3 28	25 6	2 9	6 14	0 14	12 27	1 40	14 44	1 14	23 1	0 16	22 18	1 11	10 15	0 35	17 29	1 40	17 23	16 29	22 49	22 55	11 46	2 28	3 15
W31	3n51	24s10	3s11	6s19	0s27	12s16	1n33	14s29	1s15	23s 1	0n16	22s18	1n11	10s14	0n35	17n29	1s40	17n23	16n29	22n49	22n55	11n44	2n30	3n15

Julian Day Number = 2350431.5, Delta T = 10.53 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'32, Lahiri = 19°59'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

APRIL 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 2	10♈41'10	9♒52	15♓26	24♒23	25♒28	7♑18	29♐25	27°R57	25♉17	24°R11	16°R40	17♊45	12♍18	28♓52	T 1
F 2	12 38 59	11°40'14	24°28	15°54	25°20	26°14	7°23	29°26	27♎55	25°19	24♍ 9	16♊35	17°42	12°25	28°55	F 2
S 3	12 42 55	12°39'17	9♓22	16°26	26°18	27° 1	7°27	29°26	27°53	25°21	24° 7	16°27	17°39	12°32	28°59	S 3
S 4	12 46 52	13°38'18	24°29	17° 3	27°17	27°47	7°31	29°27	27°50	25°22	24° 6	16°18	17°36	12°38	29° 2	S 4
M 5	12 50 48	14°37'16	9♈37	17°43	28°15	28°33	7°35	29°27	27°48	25°24	24° 4	16° 8	17°33	12°45	29° 6	M 5
T 6	12 54 45	15°36'13	24°38	18°28	29°15	29°19	7°39	29°27	27°45	25°26	24° 3	16° 0	17°29	12°52	29°10	T 6
W 7	12 58 42	16°35'08	9♉21	19°15	0♓14	0♓ 5	7°42	29°28	27°43	25°28	24° 1	15°53	17°26	12°58	29°13	W 7
T 8	13 2 38	17°34'00	23°39	20° 6	1°14	0°51	7°46	29°28	27°40	25°30	24° 0	15°48	17°23	13° 5	29°17	T 8
F 9	13 6 35	18°32'51	7♊29	21° 0	2°15	1°37	7°49	29°R28	27°38	25°31	23°58	15°46	17°20	13°12	29°20	F 9
S 10	13 10 31	19°31'39	20°52	21°58	3°15	2°23	7°52	29°28	27°35	25°33	23°57	15°D46	17°17	13°19	29°24	S 10
S 11	13 14 28	20°30'25	3♋48	22°58	4°16	3° 9	7°55	29°28	27°33	25°35	23°56	15°47	17°14	13°25	29°27	S 11
M12	13 18 24	21°29'09	16°21	24° 1	5°17	3°55	7°57	29°27	27°30	25°37	23°54	15°R48	17°10	13°32	29°31	M12
T 13	13 22 21	22°27'51	28°37	25° 6	6°19	4°42	8° 0	29°27	27°28	25°39	23°53	15°48	17° 7	13°39	29°34	T 13
W14	13 26 17	23°26'30	10♌40	26°14	7°21	5°28	8° 2	29°26	27°25	25°41	23°51	15°46	17° 4	13°46	29°38	W14
T 15	13 30 14	24°25'07	22°36	27°24	8°23	6°14	8° 4	29°26	27°23	25°43	23°50	15°42	17° 1	13°52	29°41	T 15
F 16	13 34 11	25°23'42	4♍27	28°37	9°25	7° 0	8° 6	29°25	27°20	25°45	23°49	15°36	16°58	13°59	29°45	F 16
S 17	13 38 7	26°22'14	16°19	29°52	10°28	7°46	8° 8	29°24	27°17	25°47	23°47	15°28	16°54	14° 6	29°48	S 17
S 18	13 42 4	27°20'45	28°14	1♈ 9	11°31	8°32	8°10	29°24	27°15	25°49	23°46	15°20	16°51	14°12	29°51	S 18
M19	13 46 0	28°19'13	10♎15	2°28	12°34	9°18	8°11	29°23	27°12	25°51	23°45	15°10	16°48	14°19	29°55	M19
T 20	13 49 57	29°17'40	22°22	3°50	13°37	10° 4	8°12	29°22	27°10	25°53	23°43	15° 2	16°45	14°26	29°58	T 20
W21	13 53 53	0♉16'04	4♏39	5°13	14°41	10°50	8°13	29°20	27° 7	25°55	23°42	14°55	16°42	14°33	0♈ 1	W21
T 22	13 57 50	1°14'27	17° 4	6°38	15°45	11°36	8°14	29°19	27° 5	25°57	23°41	14°50	16°39	14°39	0° 5	T 22
F 23	14 1 46	2°12'48	29°41	8° 6	16°49	12°22	8°15	29°18	27° 2	25°59	23°40	14°46	16°35	14°46	0° 8	F 23
S 24	14 5 43	3°11'08	12♐28	9°35	17°53	13° 8	8°15	29°16	27° 0	26° 1	23°39	14°D45	16°32	14°53	0°11	S 24
S 25	14 9 40	4° 9'26	25°28	11° 6	18°58	13°54	8°15	29°15	26°57	26° 3	23°37	14°46	16°29	14°59	0°14	S 25
M26	14 13 36	5° 7'42	8♑42	12°39	20° 3	14°40	8°R15	29°13	26°55	26° 6	23°36	14°47	16°26	15° 6	0°17	M26
T 27	14 17 33	6° 5'57	22°12	14°14	21° 8	15°25	8°15	29°12	26°52	26° 8	23°35	14°48	16°23	15°13	0°21	T 27
W28	14 21 29	7° 4'10	5♒59	15°51	22°13	16°11	8°15	29°10	26°50	26°10	23°34	14°R49	16°19	15°20	0°24	W28
T 29	14 25 26	8° 2'22	20° 3	17°29	23°18	16°57	8°14	29° 8	26°47	26°12	23°33	14°49	16°16	15°26	0°27	T 29
F 30	14 29 22	9♉ 0'32	4♓24	19♈10	24♓23	17♓43	8♑14	29♐ 6	26♎45	26♉14	23♍32	14♊46	16♊13	15♍33	0♈30	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n14	21s42	4s 3	6s21	0s39	12s 3	1n27	14s14	1s15	23s 1	0n16	22s18	1n11	10s13	0n35	17n30	1s40	17n24	16n29	22n48	22n55	11n41	2n31	3n15
F 2	4 37	17 48	4 41	6 22	0 51	11 51	1 20	13 59	1 16	23 0	0 16	22 18	1 11	10 12	0 35	17 30	1 40	17 24	16 29	22 48	22 54	11 39	2 33	3 14
S 3	5 0	12 42	5 1	6 19	1 3	11 37	1 13	13 43	1 16	23 0	0 16	22 18	1 11	10 12	0 35	17 30	1 40	17 25	16 29	22 47	22 54	11 36	2 34	3 14
S 4	5 23	6 47	5 0	6 15	1 14	11 24	1 7	13 28	1 17	23 0	0 16	22 18	1 11	10 11	0 35	17 31	1 40	17 25	16 29	22 46	22 54	11 33	2 35	3 14
M 5	5 46	0 27	4 38	6 9	1 24	11 9	1 0	13 12	1 17	23 0	0 16	22 17	1 11	10 10	0 35	17 31	1 40	17 26	16 28	22 45	22 53	11 31	2 37	3 14
T 6	6 9	5n52	3 58	6 0	1 33	10 55	0 54	12 57	1 18	23 0	0 16	22 17	1 11	10 9	0 35	17 32	1 40	17 26	16 28	22 44	22 53	11 28	2 38	3 14
W 7	6 32	11 45	3 2	5 50	1 42	10 40	0 48	12 41	1 18	23 0	0 16	22 17	1 11	10 8	0 35	17 32	1 40	17 27	16 28	22 44	22 53	11 26	2 40	3 14
T 8	6 54	16 51	1 55	5 37	1 51	10 24	0 41	12 25	1 19	22 59	0 15	22 17	1 11	10 7	0 35	17 33	1 40	17 27	16 28	22 43	22 53	11 23	2 41	3 14
F 9	7 17	20 52	0 44	5 23	1 58	10 9	0 35	12 9	1 19	22 59	0 15	22 17	1 11	10 6	0 35	17 33	1 40	17 28	16 28	22 43	22 52	11 21	2 42	3 14
S 10	7 39	23 37	0n27	5 7	2 6	9 52	0 29	11 53	1 19	22 59	0 15	22 17	1 11	10 5	0 35	17 34	1 40	17 28	16 28	22 43	22 52	11 18	2 44	3 14
S 11	8 1	25 0	1 35	4 49	2 12	9 36	0 24	11 36	1 20	22 59	0 15	22 17	1 11	10 4	0 35	17 34	1 40	17 28	16 27	22 43	22 52	11 16	2 45	3 14
M12	8 23	25 4	2 36	4 30	2 18	9 19	0 18	11 20	1 20	22 59	0 15	22 17	1 11	10 3	0 35	17 35	1 40	17 29	16 27	22 43	22 51	11 13	2 47	3 14
T 13	8 45	23 53	3 29	4 8	2 23	9 1	0 12	11 3	1 21	22 59	0 15	22 17	1 11	10 3	0 35	17 35	1 40	17 29	16 27	22 43	22 51	11 11	2 48	3 14
W14	9 7	21 37	4 11	3 46	2 28	8 43	0 7	10 47	1 21	22 59	0 15	22 17	1 11	10 2	0 35	17 36	1 40	17 30	16 27	22 43	22 51	11 8	2 49	3 14
T 15	9 29	18 27	4 42	3 22	2 32	8 25	0 1	10 30	1 22	22 59	0 15	22 17	1 11	10 1	0 35	17 36	1 40	17 30	16 27	22 42	22 50	11 5	2 51	3 14
F 16	9 50	14 33	5 1	2 56	2 36	8 7	0s 4	10 13	1 22	22 59	0 15	22 17	1 12	10 0	0 35	17 37	1 40	17 30	16 26	22 42	22 50	11 3	2 52	3 14
S 17	10 12	10 6	5 6	2 29	2 38	7 48	0 9	9 57	1 22	22 59	0 15	22 17	1 12	9 59	0 35	17 37	1 40	17 31	16 26	22 41	22 50	11 0	2 53	3 14
S 18	10 33	5 16	4 59	2 0	2 41	7 29	0 14	9 40	1 23	22 59	0 15	22 17	1 12	9 58	0 35	17 38	1 40	17 31	16 26	22 40	22 50	10 58	2 55	3 14
M19	10 54	0 12	4 38	1 30	2 43	7 9	0 19	9 23	1 23	22 59	0 15	22 17	1 12	9 57	0 35	17 38	1 40	17 31	16 26	22 39	22 49	10 55	2 56	3 14
T 20	11 14	4s56	4 5	0 59	2 44	6 49	0 24	9 6	1 23	22 59	0 15	22 17	1 12	9 56	0 35	17 39	1 39	17 31	16 25	22 38	22 49	10 53	2 58	3 14
W21	11 35	9 58	3 19	0 26	2 44	6 29	0 29	8 49	1 24	22 59	0 15	22 17	1 12	9 55	0 35	17 39	1 39	17 32	16 25	22 37	22 49	10 50	2 59	3 14
T 22	11 55	14 39	2 24	0n 7	2 45	6 9	0 34	8 31	1 24	22 59	0 14	22 17	1 12	9 54	0 35	17 40	1 39	17 32	16 25	22 37	22 48	10 47	3 0	3 14
F 23	12 16	18 48	1 21	0 42	2 44	5 48	0 38	8 14	1 24	22 59	0 14	22 17	1 12	9 53	0 35	17 40	1 39	17 32	16 25	22 36	22 48	10 45	3 2	3 14
S 24	12 36	22 7	0 12	1 18	2 43	5 27	0 42	7 57	1 25	22 59	0 14	22 17	1 12	9 53	0 35	17 41	1 39	17 32	16 24	22 36	22 48	10 42	3 3	3 15
S 25	12 55	24 22	0s58	1 55	2 41	5 5	0 47	7 39	1 25	22 59	0 14	22 17	1 12	9 52	0 35	17 41	1 39	17 33	16 24	22 36	22 47	10 40	3 4	3 15
M26	13 15	25 17	2 6	2 33	2 39	4 44	0 51	7 22	1 25	22 59	0 14	22 17	1 12	9 51	0 35	17 42	1 39	17 33	16 24	22 36	22 47	10 37	3 5	3 15
T 27	13 34	24 45	3 9	3 13	2 37	4 22	0 55	7 4	1 26	22 59	0 14	22 17	1 12	9 50	0 35	17 42	1 39	17 33	16 23	22 37	22 47	10 34	3 7	3 15
W28	13 54	22 43	4 3	3 53	2 33	4 0	0 59	6 47	1 26	22 59	0 14	22 17	1 12	9 49	0 35	17 43	1 39	17 33	16 23	22 37	22 46	10 32	3 8	3 15
T 29	14 13	19 17	4 43	4 34	2 30	3 38	1 3	6 29	1 26	22 59	0 14	22 16	1 12	9 48	0 35	17 43	1 39	17 33	16 23	22 37	22 46	10 29	3 9	3 15
F 30	14n31	14s39	5s 6	5n16	2s25	3s15	1s 7	6s11	1s27	22s59	0n14	22s16	1n12	9s47	0n35	17n44	1s39	17n33	16n22	22n36	22n46	10n27	3n11	3n15

Julian Day Number = 2350462.5, Delta T = 10.53 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'36, Lahiri = 19°59'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

MAY 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 33 19	9♉58'41	18♓58	20♈52	25♓29	18♓29	8°R13	29°R 4	26°R42	26♉16	23°R31	14°R43	16♊10	15♍40	0♈33	S 1
S 2	14 37 15	10°56'48	3♈40	22°36	26°35	19°15	8♑12	29♐ 2	26♎40	26°19	23♍30	14♊38	16° 7	15°47	0°36	S 2
M 3	14 41 12	11°54'54	18°25	24°22	27°41	20° 1	8°11	29° 0	26°37	26°21	23°29	14°33	16° 4	15°53	0°39	M 3
T 4	14 45 9	12°52'58	3♉ 5	26°10	28°47	20°46	8° 9	28°57	26°35	26°23	23°28	14°29	16° 0	16° 0	0°42	T 4
W 5	14 49 5	13°51'01	17°32	28° 0	29°53	21°32	8° 7	28°55	26°32	26°25	23°27	14°26	15°57	16° 7	0°45	W 5
T 6	14 53 2	14°49'02	1♊41	29°52	1♈ 0	22°18	8° 6	28°53	26°30	26°27	23°26	14°24	15°54	16°13	0°48	T 6
F 7	14 56 58	15°47'02	15°27	1♉45	2° 6	23° 3	8° 4	28°50	26°28	26°30	23°25	14°D23	15°51	16°20	0°51	F 7
S 8	15 0 55	16°45'00	28°49	3°41	3°13	23°49	8° 1	28°47	26°25	26°32	23°25	14°24	15°48	16°27	0°53	S 8
S 9	15 4 51	17°42'56	11♋48	5°38	4°20	24°35	7°59	28°45	26°23	26°34	23°24	14°25	15°45	16°34	0°56	S 9
M10	15 8 48	18°40'50	24°25	7°37	5°27	25°20	7°57	28°42	26°21	26°36	23°23	14°27	15°41	16°40	0°59	M10
T 11	15 12 44	19°38'43	6♌45	9°38	6°34	26° 6	7°54	28°39	26°18	26°38	23°22	14°28	15°38	16°47	1° 2	T 11
W12	15 16 41	20°36'33	18°51	11°41	7°41	26°51	7°51	28°36	26°16	26°41	23°22	14°R29	15°35	16°54	1° 4	W12
T 13	15 20 38	21°34'22	0♍48	13°45	8°48	27°37	7°48	28°33	26°14	26°43	23°21	14°28	15°32	17° 0	1° 7	T 13
F 14	15 24 34	22°32'10	12°41	15°51	9°56	28°22	7°45	28°30	26°12	26°45	23°20	14°27	15°29	17° 7	1° 9	F 14
S 15	15 28 31	23°29'55	24°35	17°58	11° 3	29° 8	7°41	28°27	26° 9	26°47	23°20	14°25	15°25	17°14	1°12	S 15
S 16	15 32 27	24°27'39	6♎32	20° 6	12°11	29°53	7°37	28°24	26° 7	26°50	23°19	14°22	15°22	17°21	1°15	S 16
M17	15 36 24	25°25'22	18°38	22°16	13°19	0♈39	7°34	28°20	26° 5	26°52	23°18	14°19	15°19	17°27	1°17	M17
T 18	15 40 20	26°23'02	0♏53	24°26	14°27	1°24	7°30	28°17	26° 3	26°54	23°18	14°16	15°16	17°34	1°19	T 18
W19	15 44 17	27°20'42	13°21	26°37	15°35	2° 9	7°26	28°14	26° 1	26°56	23°17	14°14	15°13	17°41	1°22	W19
T 20	15 48 13	28°18'20	26° 2	28°49	16°43	2°54	7°21	28°10	25°59	26°59	23°17	14°12	15°10	17°48	1°24	T 20
F 21	15 52 10	29°15'57	8♐57	1♊ 1	17°51	3°40	7°17	28° 7	25°57	27° 1	23°16	14°D12	15° 6	17°54	1°27	F 21
S 22	15 56 7	0♊13'33	22° 7	3°12	18°59	4°25	7°12	28° 3	25°55	27° 3	23°16	14°12	15° 3	18° 1	1°29	S 22
S 23	16 0 3	1°11'08	5♑29	5°24	20° 8	5°10	7° 8	27°59	25°53	27° 5	23°16	14°12	15° 0	18° 8	1°31	S 23
M24	16 4 0	2° 8'41	19° 5	7°34	21°16	5°55	7° 3	27°56	25°51	27° 8	23°15	14°13	14°57	18°14	1°33	M24
T 25	16 7 56	3° 6'14	2♒52	9°44	22°25	6°40	6°58	27°52	25°49	27°10	23°15	14°14	14°54	18°21	1°35	T 25
W26	16 11 53	4° 3'46	16°49	11°52	23°34	7°25	6°52	27°48	25°47	27°12	23°15	14°15	14°51	18°28	1°38	W26
T 27	16 15 49	5° 1'17	0♓56	13°59	24°42	8°10	6°47	27°44	25°46	27°14	23°14	14°R15	14°47	18°35	1°40	T 27
F 28	16 19 46	5°58'47	15°10	16° 5	25°51	8°55	6°42	27°40	25°44	27°17	23°14	14°15	14°44	18°41	1°42	F 28
S 29	16 23 42	6°56'17	29°28	18° 9	27° 0	9°40	6°36	27°36	25°42	27°19	23°14	14°15	14°41	18°48	1°44	S 29
S 30	16 27 39	7°53'45	13♈48	20°10	28° 9	10°25	6°30	27°32	25°40	27°21	23°14	14°14	14°38	18°55	1°46	S 30
M31	16 31 36	8♊51'13	28♈ 6	22♊10	29♈18	11♈ 9	6♑24	27♐28	25♎39	27♉23	23♍13	14♊14	14♊35	19♍ 2	1♈47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n50	9s 8	5s10	5n59	2s21	2s52	1s10	5s54	1s27	23s 0	0n14	22s16	1n12	9s46	0n35	17n44	1s39	17n33	16n22	22n36	22n45	10n24	3n12	3n15
S 2	15 8	3 2	4 54	6 43	2 15	2 29	1 14	5 36	1 27	23 0	0 14	22 16	1 12	9 45	0 35	17 45	1 39	17 33	16 22	22 35	22 45	10 21	3 13	3 15
M 3	15 26	3n15	4 19	7 27	2 10	2 6	1 17	5 18	1 27	23 0	0 14	22 16	1 12	9 45	0 35	17 45	1 39	17 34	16 21	22 35	22 45	10 19	3 14	3 15
T 4	15 44	9 19	3 26	8 12	2 3	1 43	1 20	5 0	1 28	23 0	0 13	22 16	1 12	9 44	0 35	17 46	1 39	17 34	16 21	22 34	22 44	10 16	3 15	3 15
W 5	16 1	14 50	2 21	8 58	1 56	1 19	1 23	4 43	1 28	23 0	0 13	22 16	1 12	9 43	0 35	17 47	1 39	17 34	16 21	22 34	22 44	10 13	3 17	3 15
T 6	16 18	19 24	1 9	9 44	1 49	0 56	1 27	4 25	1 28	23 0	0 13	22 16	1 12	9 42	0 35	17 47	1 39	17 34	16 20	22 34	22 44	10 11	3 18	3 15
F 7	16 35	22 47	0n 6	10 31	1 41	0 32	1 29	4 7	1 28	23 1	0 13	22 16	1 12	9 41	0 35	17 48	1 39	17 34	16 20	22 34	22 43	10 8	3 19	3 15
S 8	16 52	24 47	1 18	11 18	1 33	0 8	1 32	3 49	1 29	23 1	0 13	22 16	1 12	9 40	0 35	17 48	1 39	17 34	16 20	22 34	22 43	10 6	3 20	3 15
S 9	17 8	25 21	2 25	12 5	1 25	0n16	1 35	3 31	1 29	23 1	0 13	22 16	1 12	9 39	0 35	17 49	1 39	17 34	16 19	22 34	22 43	10 3	3 21	3 15
M10	17 25	24 35	3 22	12 53	1 16	0 41	1 38	3 13	1 29	23 1	0 13	22 16	1 12	9 39	0 35	17 49	1 39	17 34	16 19	22 34	22 42	10 0	3 23	3 15
T 11	17 40	22 37	4 9	13 40	1 6	1 5	1 40	2 55	1 29	23 2	0 13	22 16	1 12	9 38	0 35	17 50	1 39	17 34	16 18	22 34	22 42	9 58	3 24	3 15
W12	17 56	19 41	4 43	14 28	0 57	1 29	1 42	2 37	1 29	23 2	0 13	22 16	1 12	9 37	0 35	17 50	1 39	17 33	16 18	22 34	22 42	9 55	3 25	3 15
T 13	18 11	15 57	5 5	15 15	0 47	1 54	1 45	2 19	1 30	23 2	0 13	22 16	1 12	9 36	0 35	17 51	1 39	17 33	16 18	22 34	22 41	9 52	3 26	3 15
F 14	18 26	11 38	5 14	16 1	0 37	2 18	1 47	2 1	1 30	23 2	0 12	22 16	1 12	9 35	0 34	17 51	1 39	17 33	16 17	22 34	22 41	9 50	3 27	3 16
S 15	18 41	6 53	5 9	16 47	0 26	2 43	1 49	1 43	1 30	23 3	0 12	22 16	1 12	9 35	0 34	17 52	1 39	17 33	16 17	22 34	22 41	9 47	3 28	3 16
S 16	18 55	1 51	4 51	17 33	0 16	3 8	1 51	1 25	1 30	23 3	0 12	22 16	1 12	9 34	0 34	17 52	1 39	17 33	16 16	22 33	22 40	9 44	3 29	3 16
M17	19 9	3s18	4 20	18 17	0 5	3 32	1 52	1 7	1 30	23 3	0 12	22 16	1 12	9 33	0 34	17 53	1 39	17 33	16 16	22 33	22 40	9 42	3 30	3 16
T 18	19 22	8 25	3 36	19 0	0n 5	3 57	1 54	0 49	1 30	23 4	0 12	22 16	1 12	9 32	0 34	17 53	1 39	17 33	16 16	22 33	22 40	9 39	3 31	3 16
W19	19 36	13 18	2 42	19 41	0 16	4 22	1 56	0 32	1 30	23 4	0 12	22 16	1 12	9 32	0 34	17 54	1 39	17 32	16 15	22 33	22 39	9 36	3 32	3 16
T 20	19 49	17 42	1 39	20 21	0 26	4 46	1 57	0 14	1 31	23 4	0 12	22 16	1 12	9 31	0 34	17 54	1 39	17 32	16 15	22 32	22 39	9 34	3 33	3 16
F 21	20 1	21 21	0 29	20 59	0 36	5 11	1 59	0n 4	1 31	23 5	0 12	22 16	1 12	9 30	0 34	17 55	1 39	17 32	16 14	22 32	22 39	9 31	3 34	3 16
S 22	20 14	23 58	0s44	21 35	0 46	5 36	2 0	0 22	1 31	23 5	0 12	22 16	1 12	9 30	0 34	17 55	1 39	17 32	16 14	22 32	22 38	9 28	3 35	3 16
S 23	20 26	25 17	1 55	22 9	0 56	6 1	2 1	0 40	1 31	23 5	0 12	22 16	1 12	9 29	0 34	17 56	1 39	17 32	16 13	22 32	22 38	9 25	3 36	3 16
M24	20 37	25 6	3 1	22 41	1 5	6 25	2 2	0 58	1 31	23 6	0 11	22 16	1 12	9 28	0 34	17 56	1 39	17 31	16 13	22 32	22 37	9 23	3 37	3 16
T 25	20 49	23 24	3 58	23 9	1 14	6 50	2 3	1 16	1 31	23 6	0 11	22 16	1 12	9 28	0 34	17 57	1 39	17 31	16 12	22 33	22 37	9 20	3 38	3 16
W26	21 0	20 17	4 41	23 36	1 22	7 15	2 4	1 33	1 31	23 7	0 11	22 15	1 12	9 27	0 34	17 57	1 39	17 31	16 12	22 33	22 37	9 17	3 39	3 17
T 27	21 10	15 57	5 8	24 0	1 29	7 39	2 5	1 51	1 31	23 7	0 11	22 15	1 12	9 26	0 34	17 58	1 39	17 30	16 12	22 33	22 36	9 15	3 40	3 17
F 28	21 20	10 43	5 16	24 21	1 36	8 4	2 5	2 9	1 31	23 7	0 11	22 15	1 12	9 26	0 34	17 58	1 39	17 30	16 11	22 33	22 36	9 12	3 41	3 17
S 29	21 30	4 53	5 5	24 39	1 42	8 28	2 6	2 26	1 31	23 8	0 11	22 15	1 12	9 25	0 34	17 59	1 39	17 30	16 11	22 33	22 36	9 9	3 42	3 17
S 30	21 40	1n13	4 35	24 54	1 48	8 52	2 6	2 44	1 31	23 8	0 11	22 15	1 12	9 25	0 34	17 59	1 39	17 29	16 10	22 33	22 35	9 7	3 43	3 17
M31	21n49	7n15	3s48	25n 7	1n53	9n16	2s 6	3n 1	1s31	23s 9	0n11	22s15	1n12	9s24	0n34	18n 0	1s39	17n29	16n10	22n33	22n35	9n 4	3n43	3n17

Julian Day Number = 2350492.5, Delta T = 10.53 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'41, Lahiri = 19°59'41Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1723
geocentric

JUNE 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 35 32	9♊48'40	12♉18	24♊ 7	0♉27	11♈54	6°R18	27°R24	25°R37	27♉25	23°R13	14°R13	14♊31	19♍ 8	1♈49	T 1
W 2	16 39 29	10°46'07	26°19	26° 2	1°37	12°39	6♑12	27♐20	25♎36	27°28	23♍13	14♊13	14°28	19°15	1°51	W 2
T 3	16 43 25	11°43'33	10♊ 7	27°55	2°46	13°23	6° 6	27°16	25°34	27°30	23°13	14°D13	14°25	19°22	1°53	T 3
F 4	16 47 22	12°40'58	23°38	29°45	3°55	14° 8	6° 0	27°12	25°33	27°32	23°D13	14°13	14°22	19°28	1°54	F 4
S 5	16 51 18	13°38'22	6♋50	1♋33	5° 5	14°52	5°53	27° 8	25°31	27°34	23°13	14°13	14°19	19°35	1°56	S 5
S 6	16 55 15	14°35'45	19°44	3°18	6°14	15°37	5°46	27° 3	25°30	27°36	23°13	14°R13	14°16	19°42	1°58	S 6
M 7	16 59 11	15°33'07	2♌20	5° 1	7°24	16°21	5°40	26°59	25°28	27°39	23°13	14°13	14°12	19°49	1°59	M 7
T 8	17 3 8	16°30'28	14°40	6°41	8°34	17° 6	5°33	26°55	25°27	27°41	23°14	14°12	14° 9	19°55	2° 1	T 8
W 9	17 7 5	17°27'48	26°47	8°18	9°43	17°50	5°26	26°51	25°26	27°43	23°14	14°12	14° 6	20° 2	2° 2	W 9
T 10	17 11 1	18°25'07	8♍45	9°53	10°53	18°34	5°19	26°46	25°25	27°45	23°14	14°12	14° 3	20° 9	2° 4	T 10
F 11	17 14 58	19°22'25	20°39	11°25	12° 3	19°18	5°12	26°42	25°23	27°47	23°14	14°D12	14° 0	20°16	2° 5	F 11
S 12	17 18 54	20°19'42	2♎33	12°54	13°13	20° 2	5° 5	26°38	25°22	27°49	23°14	14°12	13°57	20°22	2° 6	S 12
S 13	17 22 51	21°16'59	14°32	14°21	14°23	20°46	4°58	26°33	25°21	27°51	23°15	14°12	13°53	20°29	2° 8	S 13
M14	17 26 47	22°14'14	26°40	15°45	15°33	21°30	4°50	26°29	25°20	27°53	23°15	14°13	13°50	20°36	2° 9	M14
T 15	17 30 44	23°11'29	9♏ 0	17° 6	16°43	22°14	4°43	26°24	25°19	27°56	23°15	14°14	13°47	20°42	2°10	T 15
W16	17 34 40	24° 8'43	21°36	18°25	17°53	22°58	4°36	26°20	25°18	27°58	23°16	14°15	13°44	20°49	2°11	W16
T 17	17 38 37	25° 5'57	4♐30	19°40	19° 3	23°42	4°28	26°16	25°17	28° 0	23°16	14°15	13°41	20°56	2°12	T 17
F 18	17 42 34	26° 3'10	17°43	20°53	20°14	24°25	4°21	26°11	25°17	28° 2	23°17	14°R15	13°37	21° 3	2°13	F 18
S 19	17 46 30	27° 0'23	1♑15	22° 3	21°24	25° 9	4°13	26° 7	25°16	28° 4	23°17	14°15	13°34	21° 9	2°14	S 19
S 20	17 50 27	27°57'35	15° 4	23° 9	22°35	25°52	4° 6	26° 2	25°15	28° 6	23°17	14°14	13°31	21°16	2°15	S 20
M21	17 54 23	28°54'47	29° 6	24°13	23°45	26°36	3°58	25°58	25°14	28° 8	23°18	14°12	13°28	21°23	2°16	M21
T 22	17 58 20	29°51'59	13♒19	25°13	24°55	27°19	3°50	25°54	25°14	28°10	23°19	14°10	13°25	21°29	2°16	T 22
W23	18 2 16	0♋49'11	27°37	26°10	26° 6	28° 3	3°43	25°49	25°13	28°12	23°19	14° 8	13°22	21°36	2°17	W23
T 24	18 6 13	1°46'23	11♓57	27° 4	27°17	28°46	3°35	25°45	25°13	28°14	23°20	14° 7	13°18	21°43	2°18	T 24
F 25	18 10 10	2°43'35	26°15	27°55	28°27	29°29	3°27	25°40	25°12	28°16	23°20	14°D 6	13°15	21°50	2°18	F 25
S 26	18 14 6	3°40'46	10♈27	28°41	29°38	0♉12	3°20	25°36	25°12	28°18	23°21	14° 6	13°12	21°56	2°19	S 26
S 27	18 18 3	4°37'58	24°33	29°24	0♊49	0°55	3°12	25°32	25°11	28°19	23°22	14° 7	13° 9	22° 3	2°20	S 27
M28	18 21 59	5°35'11	8♉29	0♌ 4	2° 0	1°38	3° 4	25°27	25°11	28°21	23°23	14° 8	13° 6	22°10	2°20	M28
T 29	18 25 56	6°32'23	22°15	0°39	3°11	2°21	2°57	25°23	25°11	28°23	23°23	14°10	13° 3	22°17	2°20	T 29
W30	18 29 52	7♋29'36	5♊49	1♌10	4♊22	3♉ 4	2♑49	25♐19	25♎10	28♉25	23♍24	14♊11	12♊59	22♍23	2♈21	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n57	12n53	2s48	25n17	1n57	9n40	2s 7	3n19	1s31	23s 9	0n11	22s15	1n12	9s23	0n34	18n 0	1s39	17n29	16n 9	22n32	22n35	9n 1	3n44	3n17
W 2	22 6	17 47	1 37	25 25	2 0	10 4	2 7	3 36	1 31	23 9	0 10	22 15	1 12	9 23	0 34	18 1	1 39	17 28	16 9	22 32	22 34	8 58	3 45	3 17
T 3	22 14	21 38	0 23	25 30	2 3	10 28	2 7	3 54	1 31	23 10	0 10	22 15	1 12	9 22	0 34	18 1	1 39	17 28	16 8	22 32	22 34	8 56	3 46	3 17
F 4	22 21	24 11	0n52	25 33	2 5	10 51	2 7	4 11	1 31	23 10	0 10	22 15	1 12	9 22	0 34	18 2	1 39	17 28	16 8	22 32	22 33	8 53	3 47	3 17
S 5	22 28	25 20	2 2	25 34	2 6	11 15	2 7	4 28	1 31	23 11	0 10	22 15	1 12	9 21	0 34	18 2	1 39	17 27	16 7	22 32	22 33	8 50	3 47	3 18
S 6	22 35	25 4	3 4	25 32	2 6	11 38	2 6	4 46	1 31	23 11	0 10	22 15	1 12	9 21	0 34	18 3	1 39	17 27	16 7	22 32	22 33	8 48	3 48	3 18
M 7	22 41	23 30	3 56	25 28	2 5	12 1	2 6	5 3	1 31	23 11	0 10	22 15	1 12	9 20	0 34	18 3	1 39	17 26	16 7	22 32	22 32	8 45	3 49	3 18
T 8	22 47	20 51	4 36	25 22	2 4	12 24	2 6	5 20	1 31	23 12	0 10	22 15	1 11	9 20	0 34	18 4	1 39	17 26	16 6	22 32	22 32	8 42	3 50	3 18
W 9	22 53	17 20	5 2	25 15	2 2	12 46	2 5	5 37	1 31	23 12	0 10	22 15	1 11	9 20	0 34	18 4	1 39	17 25	16 6	22 32	22 32	8 39	3 50	3 18
T 10	22 58	13 10	5 15	25 5	1 59	13 8	2 5	5 54	1 30	23 13	0 9	22 15	1 11	9 19	0 34	18 5	1 39	17 25	16 5	22 32	22 31	8 37	3 51	3 18
F 11	23 3	8 31	5 15	24 55	1 56	13 30	2 4	6 10	1 30	23 13	0 9	22 15	1 11	9 19	0 34	18 5	1 39	17 24	16 5	22 32	22 31	8 34	3 52	3 18
S 12	23 7	3 35	5 1	24 42	1 52	13 52	2 3	6 27	1 30	23 14	0 9	22 15	1 11	9 18	0 34	18 6	1 39	17 24	16 4	22 32	22 31	8 31	3 52	3 18
S 13	23 11	1s32	4 34	24 28	1 47	14 14	2 2	6 44	1 30	23 14	0 9	22 15	1 11	9 18	0 34	18 6	1 39	17 23	16 4	22 32	22 30	8 28	3 53	3 18
M14	23 15	6 40	3 54	24 13	1 41	14 35	2 1	7 0	1 30	23 14	0 9	22 15	1 11	9 18	0 34	18 7	1 39	17 23	16 3	22 32	22 30	8 26	3 53	3 19
T 15	23 18	11 38	3 3	23 57	1 35	14 56	2 0	7 17	1 30	23 15	0 9	22 15	1 11	9 17	0 34	18 7	1 39	17 22	16 3	22 33	22 29	8 23	3 54	3 19
W16	23 21	16 14	2 2	23 40	1 28	15 17	1 59	7 33	1 30	23 15	0 9	22 15	1 11	9 17	0 34	18 7	1 39	17 21	16 2	22 33	22 29	8 20	3 54	3 19
T 17	23 23	20 12	0 54	23 22	1 21	15 37	1 58	7 50	1 29	23 16	0 8	22 15	1 11	9 17	0 33	18 8	1 39	17 21	16 2	22 33	22 29	8 17	3 55	3 19
F 18	23 25	23 14	0s19	23 3	1 13	15 57	1 57	8 6	1 29	23 16	0 8	22 14	1 11	9 16	0 33	18 8	1 39	17 20	16 1	22 33	22 28	8 15	3 55	3 19
S 19	23 27	25 1	1 33	22 43	1 4	16 17	1 56	8 22	1 29	23 16	0 8	22 14	1 11	9 16	0 33	18 9	1 39	17 20	16 1	22 33	22 28	8 12	3 56	3 19
S 20	23 28	25 18	2 42	22 23	0 55	16 36	1 54	8 38	1 29	23 17	0 8	22 14	1 11	9 16	0 33	18 9	1 39	17 19	16 0	22 33	22 27	8 9	3 56	3 19
M21	23 28	24 0	3 43	22 2	0 45	16 55	1 53	8 54	1 29	23 17	0 8	22 14	1 11	9 16	0 33	18 10	1 39	17 18	16 0	22 32	22 27	8 6	3 57	3 19
T 22	23 29	21 10	4 31	21 41	0 34	17 14	1 51	9 10	1 28	23 17	0 8	22 14	1 10	9 16	0 33	18 10	1 39	17 18	15 59	22 32	22 27	8 3	3 57	3 19
W23	23 28	17 2	5 2	21 20	0 23	17 32	1 50	9 25	1 28	23 18	0 8	22 14	1 10	9 15	0 33	18 10	1 39	17 17	15 59	22 32	22 26	8 1	3 58	3 20
T 24	23 28	11 56	5 15	20 58	0 12	17 50	1 48	9 41	1 28	23 18	0 8	22 14	1 10	9 15	0 33	18 11	1 39	17 16	15 59	22 32	22 26	7 58	3 58	3 20
F 25	23 27	6 12	5 8	20 36	0s 0	18 7	1 46	9 57	1 28	23 18	0 7	22 14	1 10	9 15	0 33	18 11	1 39	17 16	15 58	22 32	22 25	7 55	3 58	3 20
S 26	23 25	0 11	4 43	20 15	0 13	18 24	1 45	10 12	1 27	23 19	0 7	22 14	1 10	9 15	0 33	18 12	1 39	17 15	15 58	22 32	22 25	7 52	3 59	3 20
S 27	23 24	5n48	4 0	19 53	0 26	18 40	1 43	10 27	1 27	23 19	0 7	22 14	1 10	9 15	0 33	18 12	1 39	17 14	15 57	22 32	22 25	7 50	3 59	3 20
M28	23 21	11 27	3 4	19 32	0 39	18 57	1 41	10 42	1 27	23 19	0 7	22 14	1 10	9 15	0 33	18 12	1 40	17 14	15 57	22 32	22 24	7 47	3 59	3 20
T 29	23 19	16 28	1 58	19 10	0 53	19 12	1 39	10 57	1 26	23 20	0 7	22 14	1 10	9 15	0 33	18 13	1 40	17 13	15 56	22 32	22 24	7 44	4 0	3 20
W30	23n16	20n34	0s46	18n50	1s 8	19n27	1s37	11n12	1s26	23s20	0n 7	22s14	1n10	9s15	0n33	18n13	1s40	17n12	15n56	22n32	22n23	7n41	4n 0	3n20

Julian Day Number = 2350523.5, Delta T = 10.54 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'45, Lahiri = 19°59'45Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

JULY 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 33 49	8♋26'49	19♊12	1♌37	5♊33	3♉46	2°R41	25°R15	25°R10	28♉27	23♍25	14°R11	12♊56	22♍30	2♈21	T 1
F 2	18 37 45	9°24'02	2♋21	2° 0	6°44	4°29	2♑34	25♐10	25♎10	28°29	23°26	14♊10	12°53	22°37	2°21	F 2
S 3	18 41 42	10°21'15	15°17	2°18	7°55	5°12	2°26	25° 6	25°10	28°30	23°27	14° 7	12°50	22°43	2°22	S 3
S 4	18 45 39	11°18'28	27°58	2°32	9° 6	5°54	2°19	25° 2	25°D10	28°32	23°28	14° 4	12°47	22°50	2°22	S 4
M 5	18 49 35	12°15'41	10♌26	2°41	10°17	6°36	2°11	24°58	25°10	28°34	23°29	13°59	12°43	22°57	2°22	M 5
T 6	18 53 32	13°12'54	22°42	2°R46	11°29	7°19	2° 4	24°54	25°10	28°36	23°30	13°55	12°40	23° 4	2°R22	T 6
W 7	18 57 28	14°10'07	4♍47	2°46	12°40	8° 1	1°56	24°50	25°10	28°37	23°31	13°50	12°37	23°10	2°22	W 7
T 8	19 1 25	15° 7'19	16°44	2°41	13°51	8°43	1°49	24°46	25°10	28°39	23°32	13°46	12°34	23°17	2°22	T 8
F 9	19 5 21	16° 4'32	28°37	2°31	15° 3	9°25	1°42	24°42	25°11	28°41	23°33	13°43	12°31	23°24	2°22	F 9
S 10	19 9 18	17° 1'45	10♎30	2°17	16°14	10° 7	1°34	24°38	25°11	28°42	23°34	13°42	12°28	23°30	2°21	S 10
S 11	19 13 14	17°58'58	22°28	1°58	17°26	10°48	1°27	24°34	25°11	28°44	23°35	13°D41	12°24	23°37	2°21	S 11
M12	19 17 11	18°56'11	4♏34	1°34	18°37	11°30	1°20	24°30	25°12	28°46	23°36	13°42	12°21	23°44	2°21	M12
T 13	19 21 8	19°53'24	16°55	1° 7	19°49	12°12	1°13	24°26	25°12	28°47	23°38	13°44	12°18	23°51	2°20	T 13
W14	19 25 4	20°50'38	29°33	0°36	21° 1	12°53	1° 7	24°23	25°13	28°49	23°39	13°45	12°15	23°57	2°20	W14
T 15	19 29 1	21°47'51	12♐34	0° 2	22°12	13°34	1° 0	24°19	25°13	28°50	23°40	13°R46	12°12	24° 4	2°20	T 15
F 16	19 32 57	22°45'05	25°59	29♋25	23°24	14°16	0°53	24°15	25°14	28°52	23°41	13°46	12° 9	24°11	2°19	F 16
S 17	19 36 54	23°42'19	9♑48	28°46	24°36	14°57	0°46	24°12	25°15	28°53	23°43	13°43	12° 5	24°18	2°19	S 17
S 18	19 40 50	24°39'34	23°59	28° 5	25°48	15°38	0°40	24° 8	25°15	28°55	23°44	13°39	12° 2	24°24	2°18	S 18
M19	19 44 47	25°36'49	8♒27	27°23	27° 0	16°19	0°34	24° 5	25°16	28°56	23°45	13°34	11°59	24°31	2°17	M19
T 20	19 48 43	26°34'05	23° 8	26°41	28°11	17° 0	0°27	24° 2	25°17	28°57	23°47	13°27	11°56	24°38	2°17	T 20
W21	19 52 40	27°31'22	7♓52	25°59	29°23	17°40	0°21	23°58	25°18	28°59	23°48	13°21	11°53	24°44	2°16	W21
T 22	19 56 37	28°28'39	22°33	25°19	0♋36	18°21	0°15	23°55	25°19	29° 0	23°50	13°16	11°49	24°51	2°15	T 22
F 23	20 0 33	29°25'57	7♈ 4	24°41	1°48	19° 2	0° 9	23°52	25°20	29° 2	23°51	13°12	11°46	24°58	2°14	F 23
S 24	20 4 30	0♌23'17	21°21	24° 5	3° 0	19°42	0° 4	23°49	25°21	29° 3	23°53	13°10	11°43	25° 5	2°13	S 24
S 25	20 8 26	1°20'37	5♉22	23°33	4°12	20°22	29♐58	23°46	25°22	29° 4	23°54	13°D 9	11°40	25°11	2°12	S 25
M26	20 12 23	2°17'58	19° 7	23° 5	5°24	21° 2	29°53	23°43	25°23	29° 5	23°56	13°10	11°37	25°18	2°11	M26
T 27	20 16 19	3°15'21	2♊35	22°42	6°37	21°42	29°47	23°40	25°24	29° 7	23°57	13°11	11°34	25°25	2°10	T 27
W28	20 20 16	4°12'45	15°49	22°24	7°49	22°22	29°42	23°37	25°25	29° 8	23°59	13°R12	11°30	25°31	2° 9	W28
T 29	20 24 12	5°10'09	28°49	22°11	9° 1	23° 2	29°37	23°34	25°26	29° 9	24° 0	13°10	11°27	25°38	2° 8	T 29
F 30	20 28 9	6° 7'35	11♋37	22° 4	10°14	23°42	29°32	23°32	25°28	29°10	24° 2	13° 7	11°24	25°45	2° 7	F 30
S 31	20 32 6	7♌ 5'02	24♋14	22°D 3	11♋26	24♉21	29♐27	23♐29	25♎29	29♉11	24♍ 4	13♊ 1	11♊21	25♍52	2♈ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n12	23n30	0n28	18n30	1s22	19n42	1s35	11n27	1s26	23s20	0n 7	22s14	1n10	9s15	0n33	18n14	1s40	17n11	15n55	22n32	22n23	7n38	4n 0	3n21
F 2	23 9	25 5	1 38	18 10	1 37	19 56	1 33	11 42	1 25	23 21	0 6	22 14	1 9	9 15	0 33	18 14	1 40	17 11	15 55	22 32	22 23	7 36	4 0	3 21
S 3	23 4	25 17	2 42	17 52	1 52	20 10	1 31	11 56	1 25	23 21	0 6	22 14	1 9	9 15	0 33	18 14	1 40	17 10	15 55	22 32	22 22	7 33	4 1	3 21
S 4	23 0	24 9	3 37	17 34	2 7	20 23	1 28	12 11	1 25	23 21	0 6	22 14	1 9	9 15	0 33	18 15	1 40	17 9	15 54	22 31	22 22	7 30	4 1	3 21
M 5	22 55	21 49	4 20	17 17	2 22	20 36	1 26	12 25	1 24	23 22	0 6	22 14	1 9	9 15	0 33	18 15	1 40	17 8	15 54	22 31	22 21	7 27	4 1	3 21
T 6	22 49	18 33	4 51	17 1	2 37	20 48	1 24	12 39	1 24	23 22	0 6	22 14	1 9	9 15	0 33	18 15	1 40	17 8	15 53	22 30	22 21	7 24	4 1	3 21
W 7	22 43	14 33	5 8	16 47	2 52	21 0	1 22	12 53	1 23	23 22	0 6	22 14	1 9	9 15	0 33	18 16	1 40	17 7	15 53	22 30	22 21	7 21	4 1	3 21
T 8	22 37	10 1	5 12	16 34	3 7	21 11	1 19	13 7	1 23	23 22	0 5	22 14	1 9	9 15	0 33	18 16	1 40	17 6	15 52	22 29	22 20	7 19	4 1	3 21
F 9	22 30	5 9	5 2	16 22	3 21	21 22	1 17	13 21	1 23	23 23	0 5	22 14	1 9	9 15	0 33	18 16	1 40	17 5	15 52	22 29	22 20	7 16	4 1	3 21
S 10	22 23	0 6	4 39	16 12	3 35	21 32	1 14	13 34	1 22	23 23	0 5	22 14	1 9	9 15	0 33	18 17	1 40	17 4	15 52	22 29	22 19	7 13	4 1	3 22
S 11	22 16	4s59	4 4	16 3	3 48	21 41	1 12	13 48	1 22	23 23	0 5	22 13	1 8	9 15	0 33	18 17	1 40	17 3	15 51	22 29	22 19	7 10	4 1	3 22
M12	22 8	9 58	3 17	15 56	4 0	21 50	1 9	14 1	1 21	23 23	0 5	22 13	1 8	9 16	0 33	18 17	1 40	17 3	15 51	22 29	22 19	7 7	4 1	3 22
T 13	22 0	14 40	2 21	15 50	4 12	21 58	1 7	14 14	1 21	23 23	0 5	22 13	1 8	9 16	0 33	18 18	1 40	17 2	15 50	22 29	22 18	7 4	4 1	3 22
W14	21 51	18 50	1 17	15 47	4 22	22 6	1 4	14 27	1 20	23 24	0 5	22 13	1 8	9 16	0 33	18 18	1 40	17 1	15 50	22 29	22 18	7 2	4 1	3 22
T 15	21 42	22 14	0 7	15 45	4 32	22 13	1 2	14 40	1 20	23 24	0 4	22 13	1 8	9 16	0 32	18 18	1 40	17 0	15 49	22 29	22 17	6 59	4 1	3 22
F 16	21 33	24 31	1s 6	15 44	4 40	22 20	0 59	14 53	1 19	23 24	0 4	22 13	1 8	9 16	0 32	18 18	1 40	16 59	15 49	22 29	22 17	6 56	4 1	3 22
S 17	21 24	25 23	2 16	15 46	4 46	22 26	0 56	15 5	1 19	23 24	0 4	22 13	1 8	9 17	0 32	18 19	1 40	16 58	15 49	22 29	22 17	6 53	4 1	3 22
S 18	21 14	24 38	3 20	15 49	4 51	22 31	0 54	15 18	1 18	23 24	0 4	22 13	1 7	9 17	0 32	18 19	1 40	16 57	15 48	22 28	22 16	6 50	4 1	3 22
M19	21 3	22 14	4 13	15 54	4 55	22 36	0 51	15 30	1 18	23 25	0 4	22 13	1 7	9 17	0 32	18 19	1 40	16 57	15 48	22 28	22 16	6 47	4 0	3 23
T 20	20 52	18 23	4 49	16 0	4 56	22 40	0 48	15 42	1 17	23 25	0 4	22 13	1 7	9 18	0 32	18 19	1 40	16 56	15 48	22 27	22 15	6 45	4 0	3 23
W21	20 41	13 22	5 7	16 8	4 56	22 43	0 45	15 54	1 17	23 25	0 4	22 13	1 7	9 18	0 32	18 20	1 40	16 55	15 47	22 26	22 15	6 42	4 0	3 23
T 22	20 30	7 37	5 4	16 17	4 54	22 46	0 43	16 6	1 16	23 25	0 3	22 13	1 7	9 18	0 32	18 20	1 40	16 54	15 47	22 26	22 14	6 39	4 0	3 23
F 23	20 18	1 31	4 42	16 27	4 51	22 48	0 40	16 18	1 15	23 25	0 3	22 13	1 7	9 19	0 32	18 20	1 40	16 53	15 46	22 25	22 14	6 36	4 0	3 23
S 24	20 6	4n35	4 3	16 38	4 45	22 49	0 37	16 29	1 15	23 25	0 3	22 13	1 7	9 19	0 32	18 20	1 41	16 52	15 46	22 25	22 14	6 33	3 59	3 23
S 25	19 53	10 21	3 9	16 50	4 39	22 50	0 34	16 41	1 14	23 26	0 3	22 13	1 6	9 20	0 32	18 21	1 41	16 51	15 46	22 25	22 13	6 30	3 59	3 23
M26	19 41	15 30	2 6	17 3	4 30	22 50	0 32	16 52	1 14	23 26	0 3	22 13	1 6	9 20	0 32	18 21	1 41	16 50	15 45	22 25	22 13	6 27	3 59	3 23
T 27	19 28	19 47	0 57	17 17	4 20	22 50	0 29	17 3	1 13	23 26	0 3	22 13	1 6	9 20	0 32	18 21	1 41	16 49	15 45	22 25	22 12	6 25	3 58	3 23
W28	19 14	22 57	0n14	17 31	4 9	22 49	0 26	17 14	1 12	23 26	0 3	22 13	1 6	9 21	0 32	18 21	1 41	16 48	15 45	22 25	22 12	6 22	3 58	3 24
T 29	19 0	24 51	1 23	17 45	3 57	22 47	0 23	17 24	1 12	23 26	0 2	22 13	1 6	9 21	0 32	18 22	1 41	16 47	15 44	22 25	22 11	6 19	3 58	3 24
F 30	18 46	25 24	2 26	17 59	3 44	22 45	0 20	17 35	1 11	23 26	0 2	22 13	1 6	9 22	0 32	18 22	1 41	16 46	15 44	22 24	22 11	6 16	3 57	3 24
S 31	18n32	24n36	3n22	18n13	3s30	22n41	0s18	17n45	1s10	23s26	0n 2	22s13	1n 6	9s22	0n32	18n22	1s41	16n45	15n44	22n24	22n11	6n13	3n57	3n24

Julian Day Number = 2350553.5, Delta T = 10.54 sec
Ecliptic obliquity = 23°28'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'49, Lahiri = 19°59'49Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

AUGUST 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 2	8♌ 2'30	6♌41	22♋ 9	12♋39	25♉ 1	29°R23	23°R26	25♎31	29♉12	24♍ 5	12°R53	11♊18	25♍58	2°R 4	S 1
M 2	20 39 59	8°59'59	18°58	22°21	13°51	25°40	29♐18	23♐24	25°32	29°13	24° 7	12♊43	11°15	26° 5	2♈ 3	M 2
T 3	20 43 55	9°57'28	1♍ 6	22°40	15° 4	26°19	29°14	23°22	25°34	29°14	24° 9	12°33	11°11	26°12	2° 1	T 3
W 4	20 47 52	10°54'59	13° 6	23° 5	16°17	26°58	29°10	23°19	25°35	29°15	24°11	12°22	11° 8	26°18	2° 0	W 4
T 5	20 51 48	11°52'31	25° 0	23°37	17°29	27°37	29° 6	23°17	25°37	29°16	24°12	12°13	11° 5	26°25	1°58	T 5
F 6	20 55 45	12°50'03	6♎51	24°16	18°42	28°16	29° 2	23°15	25°38	29°17	24°14	12° 5	11° 2	26°32	1°57	F 6
S 7	20 59 41	13°47'36	18°42	25° 1	19°55	28°54	28°59	23°13	25°40	29°18	24°16	12° 0	10°59	26°39	1°55	S 7
S 8	21 3 38	14°45'10	0♏37	25°53	21° 8	29°33	28°55	23°11	25°42	29°19	24°18	11°57	10°55	26°45	1°53	S 8
M 9	21 7 35	15°42'46	12°41	26°52	22°21	0♊11	28°52	23° 9	25°44	29°20	24°20	11°D55	10°52	26°52	1°52	M 9
T 10	21 11 31	16°40'22	24°58	27°56	23°34	0°49	28°49	23° 8	25°46	29°20	24°21	11°56	10°49	26°59	1°50	T 10
W11	21 15 28	17°37'59	7♐35	29° 6	24°47	1°27	28°46	23° 6	25°47	29°21	24°23	11°R56	10°46	27° 6	1°48	W11
T 12	21 19 24	18°35'37	20°35	0♌23	26° 0	2° 5	28°44	23° 4	25°49	29°22	24°25	11°56	10°43	27°12	1°46	T 12
F 13	21 23 21	19°33'16	4♑ 1	1°44	27°13	2°42	28°41	23° 3	25°51	29°23	24°27	11°54	10°40	27°19	1°44	F 13
S 14	21 27 17	20°30'57	17°57	3°11	28°26	3°20	28°39	23° 1	25°53	29°23	24°29	11°50	10°36	27°26	1°43	S 14
S 15	21 31 14	21°28'38	2♒20	4°43	29°39	3°57	28°37	23° 0	25°56	29°24	24°31	11°43	10°33	27°32	1°41	S 15
M16	21 35 10	22°26'21	17° 6	6°19	0♌52	4°34	28°35	22°59	25°58	29°24	24°33	11°34	10°30	27°39	1°39	M16
T 17	21 39 7	23°24'05	2♓ 7	7°59	2° 6	5°11	28°33	22°58	26° 0	29°25	24°35	11°24	10°27	27°46	1°37	T 17
W18	21 43 4	24°21'50	17°15	9°43	3°19	5°48	28°31	22°57	26° 2	29°26	24°37	11°14	10°24	27°53	1°35	W18
T 19	21 47 0	25°19'37	2♈18	11°30	4°32	6°25	28°30	22°56	26° 4	29°26	24°39	11° 5	10°21	27°59	1°32	T 19
F 20	21 50 57	26°17'25	17° 8	13°20	5°46	7° 1	28°29	22°55	26° 7	29°27	24°41	10°58	10°17	28° 6	1°30	F 20
S 21	21 54 53	27°15'15	1♉38	15°12	6°59	7°38	28°28	22°54	26° 9	29°27	24°43	10°54	10°14	28°13	1°28	S 21
S 22	21 58 50	28°13'07	15°45	17° 6	8°12	8°14	28°27	22°54	26°11	29°27	24°45	10°52	10°11	28°19	1°26	S 22
M23	22 2 46	29°11'01	29°29	19° 2	9°26	8°50	28°26	22°53	26°14	29°28	24°47	10°D51	10° 8	28°26	1°24	M23
T 24	22 6 43	0♍ 8'57	12♊50	20°59	10°40	9°26	28°26	22°53	26°16	29°28	24°49	10°R51	10° 5	28°33	1°21	T 24
W25	22 10 39	1° 6'55	25°53	22°57	11°53	10° 1	28°25	22°52	26°19	29°28	24°51	10°51	10° 1	28°40	1°19	W25
T 26	22 14 36	2° 4'54	8♋38	24°55	13° 7	10°37	28°D25	22°52	26°21	29°29	24°53	10°48	9°58	28°46	1°17	T 26
F 27	22 18 33	3° 2'56	21°11	26°53	14°21	11°12	28°25	22°52	26°24	29°29	24°56	10°43	9°55	28°53	1°14	F 27
S 28	22 22 29	4° 0'59	3♌33	28°51	15°34	11°47	28°26	22°D52	26°26	29°29	24°58	10°35	9°52	29° 0	1°12	S 28
S 29	22 26 26	4°59'04	15°46	0♍49	16°48	12°22	28°26	22°52	26°29	29°29	25° 0	10°24	9°49	29° 6	1°10	S 29
M30	22 30 22	5°57'10	27°52	2°47	18° 2	12°57	28°27	22°52	26°32	29°29	25° 2	10°11	9°46	29°13	1° 7	M30
T 31	22 34 19	6♍55'19	9♍52	4♍44	19♌16	13♊31	28♐28	22♐52	26♎34	29♉30	25♍ 4	9♊57	9♊42	29♍20	1♈ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n17	22n36	4n 6	18n27	3s15	22n38	0s15	17n55	1s10	23s26	0n 2	22s13	1n 5	9s23	0n32	18n22	1s41	16n44	15n43	22n23	22n10	6n10	3n56	3n24
M 2	18 2	19 34	4 39	18 40	2 59	22 33	0 12	18 5	1 9	23 27	0 2	22 14	1 5	9 24	0 32	18 22	1 41	16 44	15 43	22 21	22 10	6 7	3 56	3 24
T 3	17 47	15 44	4 58	18 53	2 44	22 28	0 9	18 15	1 8	23 27	0 2	22 14	1 5	9 24	0 32	18 22	1 41	16 43	15 43	22 20	22 9	6 4	3 55	3 24
W 4	17 31	11 19	5 4	19 4	2 27	22 22	0 7	18 25	1 7	23 27	0 2	22 14	1 5	9 25	0 32	18 23	1 41	16 42	15 42	22 19	22 9	6 2	3 55	3 24
T 5	17 15	6 31	4 56	19 15	2 11	22 16	0 4	18 35	1 7	23 27	0 1	22 14	1 5	9 25	0 32	18 23	1 41	16 41	15 42	22 18	22 8	5 59	3 54	3 24
F 6	16 59	1 30	4 36	19 25	1 55	22 9	0 1	18 44	1 6	23 27	0 1	22 14	1 5	9 26	0 32	18 23	1 41	16 40	15 42	22 16	22 8	5 56	3 54	3 24
S 7	16 43	3s34	4 4	19 33	1 38	22 1	0n 2	18 53	1 5	23 27	0 1	22 14	1 4	9 27	0 32	18 23	1 41	16 39	15 42	22 16	22 7	5 53	3 53	3 24
S 8	16 26	8 34	3 22	19 39	1 22	21 53	0 4	19 2	1 4	23 27	0 1	22 14	1 4	9 27	0 32	18 23	1 41	16 38	15 41	22 15	22 7	5 50	3 53	3 24
M 9	16 9	13 18	2 29	19 44	1 6	21 44	0 7	19 11	1 4	23 27	0 1	22 14	1 4	9 28	0 32	18 23	1 41	16 37	15 41	22 15	22 7	5 47	3 52	3 25
T 10	15 52	17 36	1 29	19 47	0 50	21 35	0 10	19 20	1 3	23 27	0 1	22 14	1 4	9 29	0 32	18 23	1 41	16 36	15 41	22 15	22 6	5 44	3 51	3 25
W11	15 34	21 14	0 23	19 48	0 35	21 24	0 12	19 28	1 2	23 28	0 1	22 14	1 4	9 30	0 32	18 24	1 41	16 35	15 41	22 15	22 6	5 41	3 51	3 25
T 12	15 17	23 54	0s46	19 46	0 20	21 14	0 15	19 37	1 1	23 28	0 1	22 14	1 4	9 30	0 31	18 24	1 41	16 34	15 40	22 15	22 5	5 38	3 50	3 25
F 13	14 59	25 19	1 55	19 42	0 6	21 2	0 18	19 45	1 0	23 28	0 0	22 14	1 3	9 31	0 31	18 24	1 42	16 33	15 40	22 15	22 5	5 35	3 49	3 25
S 14	14 40	25 13	2 59	19 36	0n 7	20 50	0 20	19 53	0 59	23 28	0 0	22 14	1 3	9 32	0 31	18 24	1 42	16 32	15 40	22 14	22 4	5 33	3 49	3 25
S 15	14 22	23 28	3 54	19 26	0 20	20 38	0 23	20 1	0 59	23 28	0 0	22 14	1 3	9 33	0 31	18 24	1 42	16 31	15 40	22 14	22 4	5 30	3 48	3 25
M16	14 3	20 6	4 35	19 14	0 32	20 24	0 25	20 8	0 58	23 28	0s 0	22 15	1 3	9 33	0 31	18 24	1 42	16 30	15 39	22 12	22 3	5 27	3 47	3 25
T 17	13 44	15 22	4 58	19 0	0 43	20 10	0 28	20 16	0 57	23 28	0 0	22 15	1 3	9 34	0 31	18 24	1 42	16 29	15 39	22 11	22 3	5 24	3 47	3 25
W18	13 25	9 38	5 0	18 42	0 53	19 56	0 30	20 23	0 56	23 28	0 0	22 15	1 3	9 35	0 31	18 24	1 42	16 28	15 39	22 10	22 2	5 21	3 46	3 25
T 19	13 6	3 23	4 41	18 22	1 3	19 41	0 33	20 31	0 55	23 28	0 0	22 15	1 2	9 36	0 31	18 24	1 42	16 27	15 39	22 8	22 2	5 18	3 45	3 25
F 20	12 46	2n59	4 4	17 59	1 11	19 25	0 35	20 38	0 54	23 29	0 1	22 15	1 2	9 37	0 31	18 24	1 42	16 26	15 39	22 7	22 2	5 15	3 44	3 25
S 21	12 27	9 4	3 12	17 33	1 19	19 9	0 37	20 45	0 53	23 29	0 1	22 15	1 2	9 38	0 31	18 24	1 42	16 25	15 38	22 7	22 1	5 12	3 43	3 25
S 22	12 7	14 32	2 9	17 5	1 25	18 53	0 40	20 51	0 52	23 29	0 1	22 15	1 2	9 38	0 31	18 24	1 42	16 24	15 38	22 6	22 1	5 9	3 42	3 25
M23	11 47	19 6	1 0	16 35	1 31	18 35	0 42	20 58	0 51	23 29	0 1	22 15	1 2	9 39	0 31	18 24	1 42	16 23	15 38	22 6	22 0	5 6	3 42	3 25
T 24	11 26	22 33	0n11	16 2	1 36	18 18	0 44	21 4	0 50	23 29	0 1	22 16	1 2	9 40	0 31	18 24	1 42	16 22	15 38	22 6	22 0	5 3	3 41	3 25
W25	11 6	24 43	1 19	15 27	1 40	17 59	0 46	21 11	0 49	23 29	0 1	22 16	1 1	9 41	0 31	18 24	1 42	16 21	15 38	22 6	21 59	5 0	3 40	3 25
T 26	10 45	25 32	2 21	14 51	1 43	17 41	0 48	21 17	0 48	23 29	0 1	22 16	1 1	9 42	0 31	18 24	1 42	16 20	15 38	22 6	21 59	4 57	3 39	3 25
F 27	10 24	25 2	3 16	14 13	1 45	17 21	0 50	21 23	0 47	23 29	0 1	22 16	1 1	9 43	0 31	18 24	1 42	16 19	15 37	22 5	21 58	4 55	3 38	3 25
S 28	10 3	23 17	4 0	13 33	1 46	17 2	0 52	21 28	0 46	23 30	0 2	22 16	1 1	9 44	0 31	18 24	1 42	16 18	15 37	22 4	21 58	4 52	3 37	3 25
S 29	9 42	20 28	4 33	12 52	1 47	16 41	0 54	21 34	0 45	23 30	0 2	22 16	1 1	9 45	0 31	18 24	1 42	16 17	15 37	22 3	21 57	4 49	3 36	3 25
M30	9 21	16 48	4 53	12 9	1 47	16 21	0 56	21 39	0 44	23 30	0 2	22 17	1 0	9 46	0 31	18 24	1 42	16 16	15 37	22 1	21 57	4 46	3 35	3 25
T 31	8n59	12n30	4n59	11n26	1n46	15n59	0n58	21n45	0s43	23s30	0s 2	22s17	1n 0	9s47	0n31	18n24	1s42	16n15	15n37	21n59	21n56	4n43	3n34	3n25

Julian Day Number = 2350584.5, Delta T = 10.55 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'53, Lahiri = 19°59'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

SEPTEMBER 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 38 15	7♍53'29	21♍47	6♍40	20♌30	14♊ 5	28♐29	22♐53	26♎37	29♉30	25♍ 6	9°R43	9♊39	29♍27	1°R 2	W 1
T 2	22 42 12	8°51'40	3♎38	8°35	21°44	14°39	28°30	22°53	26°40	29°30	25° 8	9♊30	9°36	29°33	1♈ 0	T 2
F 3	22 46 8	9°49'53	15°28	10°30	22°58	15°13	28°31	22°53	26°43	29°R30	25°11	9°19	9°33	29°40	0°57	F 3
S 4	22 50 5	10°48'08	27°19	12°23	24°12	15°46	28°33	22°54	26°46	29°30	25°13	9°11	9°30	29°47	0°54	S 4
S 5	22 54 2	11°46'25	9♏14	14°16	25°26	16°20	28°35	22°55	26°49	29°30	25°15	9° 6	9°26	29°53	0°52	S 5
M 6	22 57 58	12°44'43	21°16	16° 7	26°40	16°53	28°37	22°56	26°52	29°29	25°17	9° 3	9°23	0♎ 0	0°49	M 6
T 7	23 1 55	13°43'03	3♐31	17°57	27°54	17°26	28°39	22°57	26°54	29°29	25°19	9° 3	9°20	0° 7	0°47	T 7
W 8	23 5 51	14°41'24	16° 4	19°46	29° 8	17°58	28°41	22°58	26°57	29°29	25°22	9° 3	9°17	0°14	0°44	W 8
T 9	23 9 48	15°39'47	28°58	21°34	0♍22	18°30	28°44	22°59	27° 1	29°29	25°24	9° 2	9°14	0°20	0°41	T 9
F 10	23 13 44	16°38'11	12♑20	23°21	1°36	19° 3	28°47	23° 0	27° 4	29°29	25°26	9° 0	9°11	0°27	0°39	F 10
S 11	23 17 41	17°36'37	26°11	25° 7	2°51	19°34	28°50	23° 1	27° 7	29°28	25°28	8°56	9° 7	0°34	0°36	S 11
S 12	23 21 37	18°35'05	10♒32	26°52	4° 5	20° 6	28°53	23° 3	27°10	29°28	25°31	8°49	9° 4	0°40	0°33	S 12
M13	23 25 34	19°33'34	25°21	28°35	5°19	20°37	28°56	23° 4	27°13	29°28	25°33	8°40	9° 1	0°47	0°30	M13
T 14	23 29 31	20°32'05	10♓29	0♎18	6°34	21° 8	29° 0	23° 6	27°16	29°28	25°35	8°30	8°58	0°54	0°28	T 14
W15	23 33 27	21°30'38	25°48	1°59	7°48	21°39	29° 3	23° 7	27°19	29°27	25°37	8°19	8°55	1° 1	0°25	W15
T 16	23 37 24	22°29'13	11♈ 6	3°40	9° 2	22°10	29° 7	23° 9	27°23	29°27	25°40	8° 9	8°52	1° 7	0°22	T 16
F 17	23 41 20	23°27'50	26°12	5°19	10°17	22°40	29°11	23°11	27°26	29°26	25°42	8° 2	8°48	1°14	0°19	F 17
S 18	23 45 17	24°26'29	10♉57	6°58	11°31	23°10	29°15	23°13	27°29	29°26	25°44	7°57	8°45	1°21	0°17	S 18
S 19	23 49 13	25°25'10	25°17	8°35	12°46	23°40	29°19	23°15	27°32	29°25	25°46	7°55	8°42	1°27	0°14	S 19
M20	23 53 10	26°23'54	9♊ 8	10°12	14° 0	24° 9	29°24	23°17	27°36	29°25	25°49	7°D54	8°39	1°34	0°11	M20
T 21	23 57 6	27°22'40	22°33	11°47	15°15	24°38	29°29	23°19	27°39	29°24	25°51	7°R54	8°36	1°41	0° 8	T 21
W22	0 1 3	28°21'28	5♋34	13°22	16°29	25° 7	29°33	23°22	27°43	29°24	25°53	7°54	8°32	1°48	0° 5	W22
T 23	0 5 0	29°20'19	18°14	14°56	17°44	25°35	29°38	23°24	27°46	29°23	25°55	7°53	8°29	1°54	0° 3	T 23
F 24	0 8 56	0♎19'11	0♌39	16°28	18°59	26° 3	29°44	23°27	27°49	29°22	25°58	7°49	8°26	2° 1	29♓59	F 24
S 25	0 12 53	1°18'06	12°52	18° 0	20°13	26°31	29°49	23°29	27°53	29°21	26° 0	7°42	8°23	2° 8	29°57	S 25
S 26	0 16 49	2°17'03	24°56	19°31	21°28	26°58	29°55	23°32	27°56	29°21	26° 2	7°33	8°20	2°14	29°54	S 26
M27	0 20 46	3°16'03	6♍54	21° 1	22°43	27°26	0♑ 0	23°35	28° 0	29°20	26° 4	7°22	8°17	2°21	29°51	M27
T 28	0 24 42	4°15'04	18°48	22°31	23°58	27°52	0° 6	23°38	28° 3	29°19	26° 7	7°10	8°13	2°28	29°48	T 28
W29	0 28 39	5°14'08	0♎40	23°59	25°12	28°19	0°12	23°40	28° 7	29°18	26° 9	6°57	8°10	2°34	29°46	W29
T 30	0 32 35	6♎13'13	12♎31	25♎26	26♍27	28♊45	0♑18	23♐44	28♎10	29♉18	26♍11	6♊46	8♊ 7	2♎41	29♓43	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n37	7n45	4n53	10n42	1n45	15n38	1n 0	21n50	0s42	23s30	0s 2	22s17	1n 0	9s48	0n31	18n24	1s43	16n14	15n37	21n57	21n56	4n40	3n33	3n25
T 2	8 16	2 44	4 34	9 57	1 43	15 16	1 2	21 55	0 41	23 30	0 2	22 17	1 0	9 49	0 31	18 24	1 43	16 13	15 37	21 55	21 55	4 37	3 32	3 25
F 3	7 54	2s22	4 3	9 11	1 40	14 53	1 4	22 0	0 40	23 30	0 2	22 17	1 0	9 50	0 31	18 24	1 43	16 12	15 37	21 53	21 55	4 34	3 31	3 25
S 4	7 32	7 24	3 21	8 25	1 37	14 30	1 5	22 5	0 38	23 30	0 2	22 18	1 0	9 51	0 31	18 24	1 43	16 11	15 37	21 52	21 55	4 31	3 30	3 25
S 5	7 9	12 13	2 31	7 39	1 34	14 7	1 7	22 9	0 37	23 31	0 2	22 18	0 59	9 52	0 31	18 24	1 43	16 10	15 36	21 51	21 54	4 28	3 29	3 25
M 6	6 47	16 37	1 33	6 52	1 30	13 43	1 8	22 14	0 36	23 31	0 3	22 18	0 59	9 53	0 31	18 24	1 43	16 9	15 36	21 51	21 54	4 25	3 28	3 25
T 7	6 25	20 25	0 29	6 5	1 26	13 19	1 10	22 18	0 35	23 31	0 3	22 18	0 59	9 55	0 31	18 24	1 43	16 9	15 36	21 50	21 53	4 22	3 27	3 25
W 8	6 2	23 22	0s37	5 18	1 21	12 54	1 11	22 22	0 34	23 31	0 3	22 18	0 59	9 56	0 31	18 24	1 43	16 8	15 36	21 50	21 53	4 19	3 26	3 25
T 9	5 40	25 12	1 43	4 31	1 16	12 30	1 13	22 26	0 33	23 31	0 3	22 19	0 59	9 57	0 31	18 24	1 43	16 7	15 36	21 50	21 52	4 16	3 25	3 25
F 10	5 17	25 40	2 46	3 44	1 11	12 4	1 14	22 30	0 31	23 31	0 3	22 19	0 59	9 58	0 31	18 24	1 43	16 6	15 36	21 50	21 52	4 13	3 24	3 25
S 11	4 54	24 34	3 42	2 57	1 5	11 39	1 15	22 34	0 30	23 31	0 3	22 19	0 58	9 59	0 31	18 23	1 43	16 5	15 36	21 49	21 51	4 10	3 23	3 25
S 12	4 31	21 52	4 25	2 10	1 0	11 13	1 16	22 38	0 29	23 32	0 3	22 19	0 58	10 0	0 31	18 23	1 43	16 4	15 36	21 48	21 51	4 7	3 22	3 25
M13	4 8	17 41	4 53	1 23	0 54	10 47	1 18	22 41	0 27	23 32	0 3	22 20	0 58	10 1	0 31	18 23	1 43	16 3	15 36	21 47	21 50	4 4	3 20	3 25
T 14	3 45	12 17	5 1	0 36	0 47	10 20	1 19	22 45	0 26	23 32	0 4	22 20	0 58	10 2	0 31	18 23	1 43	16 2	15 36	21 45	21 50	4 1	3 19	3 25
W15	3 22	6 4	4 47	0s10	0 41	9 53	1 20	22 48	0 25	23 32	0 4	22 20	0 58	10 4	0 31	18 23	1 43	16 1	15 36	21 44	21 49	3 58	3 18	3 25
T 16	2 59	0n31	4 13	0 56	0 34	9 26	1 21	22 51	0 23	23 32	0 4	22 20	0 58	10 5	0 31	18 23	1 43	16 0	15 36	21 42	21 49	3 55	3 17	3 25
F 17	2 36	7 0	3 22	1 42	0 28	8 59	1 21	22 54	0 22	23 32	0 4	22 21	0 57	10 6	0 31	18 23	1 43	15 59	15 36	21 41	21 48	3 52	3 16	3 25
S 18	2 13	12 57	2 18	2 27	0 21	8 31	1 22	22 57	0 21	23 32	0 4	22 21	0 57	10 7	0 30	18 23	1 43	15 59	15 36	21 40	21 48	3 49	3 15	3 25
S 19	1 49	18 2	1 6	3 12	0 14	8 3	1 23	23 0	0 19	23 33	0 4	22 21	0 57	10 8	0 30	18 22	1 43	15 58	15 36	21 40	21 47	3 46	3 14	3 25
M20	1 26	21 58	0n 7	3 56	0 7	7 35	1 24	23 3	0 18	23 33	0 4	22 22	0 57	10 10	0 30	18 22	1 44	15 57	15 36	21 40	21 47	3 43	3 12	3 25
T 21	1 3	24 33	1 17	4 40	0s 0	7 7	1 24	23 6	0 16	23 33	0 4	22 22	0 57	10 11	0 30	18 22	1 44	15 56	15 36	21 40	21 46	3 40	3 11	3 25
W22	0 39	25 43	2 21	5 24	0 8	6 39	1 25	23 8	0 15	23 33	0 4	22 22	0 57	10 12	0 30	18 22	1 44	15 55	15 36	21 40	21 46	3 37	3 10	3 25
T 23	0 16	25 29	3 17	6 7	0 15	6 10	1 25	23 11	0 14	23 33	0 4	22 22	0 56	10 13	0 30	18 22	1 44	15 54	15 37	21 39	21 45	3 34	3 9	3 25
F 24	0s 8	23 58	4 2	6 50	0 22	5 41	1 26	23 13	0 12	23 33	0 5	22 23	0 56	10 15	0 30	18 22	1 44	15 54	15 37	21 39	21 45	3 31	3 8	3 25
S 25	0 31	21 22	4 35	7 32	0 30	5 12	1 26	23 15	0 11	23 33	0 5	22 23	0 56	10 16	0 30	18 21	1 44	15 53	15 37	21 38	21 44	3 28	3 6	3 25
S 26	0 55	17 52	4 55	8 13	0 37	4 43	1 26	23 18	0 9	23 33	0 5	22 23	0 56	10 17	0 30	18 21	1 44	15 52	15 37	21 36	21 44	3 25	3 5	3 25
M27	1 18	13 40	5 2	8 54	0 44	4 13	1 27	23 20	0 7	23 33	0 5	22 24	0 56	10 18	0 30	18 21	1 44	15 51	15 37	21 34	21 43	3 22	3 4	3 24
T 28	1 42	8 59	4 56	9 34	0 52	3 44	1 27	23 22	0 6	23 34	0 5	22 24	0 56	10 20	0 30	18 21	1 44	15 50	15 37	21 32	21 43	3 19	3 3	3 24
W29	2 5	3 59	4 37	10 14	0 59	3 14	1 27	23 24	0 4	23 34	0 5	22 24	0 55	10 21	0 30	18 20	1 44	15 50	15 37	21 30	21 42	3 16	3 2	3 24
T 30	2s28	1s10	4n 7	10s53	1s 6	2n44	1n27	23n26	0s 3	23s34	0s 5	22s24	0n55	10s22	0n30	18n20	1s44	15n49	15n37	21n28	21n42	3n13	3n 0	3n24

Julian Day Number = 2350615.5, Delta T = 10.55 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°52'57, Lahiri = 19°59'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

OCTOBER 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 36 32	7♎12'21	24♎23	26♎53	27♍42	29♊10	0♑24	23♐47	28♎14	29°R17	26♍13	6°R37	8♊ 4	2♎48	29°R40	F 1
S 2	0 40 28	8°11'31	6♏17	28°18	28°57	29°35	0°31	23°50	28°18	29♉16	26°16	6♊30	8° 1	2°55	29♓37	S 2
S 3	0 44 25	9°10'42	18°16	29°43	0♎12	0♋ 0	0°38	23°53	28°21	29°15	26°18	6°26	7°57	3° 1	29°35	S 3
M 4	0 48 22	10° 9'56	0♐23	1♏ 6	1°27	0°25	0°44	23°57	28°25	29°14	26°20	6°24	7°54	3° 8	29°32	M 4
T 5	0 52 18	11° 9'11	12°41	2°29	2°42	0°49	0°51	24° 0	28°28	29°13	26°22	6°D24	7°51	3°15	29°29	T 5
W 6	0 56 15	12° 8'29	25°14	3°50	3°57	1°12	0°58	24° 4	28°32	29°12	26°24	6°25	7°48	3°21	29°26	W 6
T 7	1 0 11	13° 7'48	8♑ 6	5°11	5°12	1°35	1° 6	24° 7	28°36	29°11	26°27	6°R26	7°45	3°28	29°24	T 7
F 8	1 4 8	14° 7'09	21°21	6°30	6°27	1°58	1°13	24°11	28°39	29°10	26°29	6°25	7°42	3°35	29°21	F 8
S 9	1 8 4	15° 6'31	5♒ 3	7°48	7°42	2°21	1°21	24°15	28°43	29° 9	26°31	6°23	7°38	3°42	29°18	S 9
S 10	1 12 1	16° 5'56	19°13	9° 5	8°57	2°42	1°28	24°19	28°47	29° 7	26°33	6°20	7°35	3°48	29°16	S 10
M11	1 15 57	17° 5'22	3♓50	10°20	10°12	3° 4	1°36	24°23	28°50	29° 6	26°35	6°14	7°32	3°55	29°13	M11
T 12	1 19 54	18° 4'49	18°48	11°34	11°27	3°25	1°44	24°27	28°54	29° 5	26°37	6° 7	7°29	4° 2	29°10	T 12
W13	1 23 51	19° 4'19	4♈ 0	12°46	12°42	3°45	1°52	24°31	28°58	29° 4	26°40	5°59	7°26	4° 8	29° 8	W13
T 14	1 27 47	20° 3'51	19°17	13°57	13°57	4° 5	2° 0	24°35	29° 2	29° 3	26°42	5°53	7°23	4°15	29° 5	T 14
F 15	1 31 44	21° 3'24	4♉26	15° 6	15°12	4°25	2° 9	24°39	29° 5	29° 2	26°44	5°48	7°19	4°22	29° 3	F 15
S 16	1 35 40	22° 3'00	19°19	16°12	16°27	4°44	2°17	24°44	29° 9	29° 0	26°46	5°45	7°16	4°29	29° 0	S 16
S 17	1 39 37	23° 2'38	3♊49	17°17	17°42	5° 2	2°26	24°48	29°13	28°59	26°48	5°D43	7°13	4°35	28°58	S 17
M18	1 43 33	24° 2'19	17°50	18°19	18°57	5°20	2°34	24°53	29°17	28°58	26°50	5°44	7°10	4°42	28°55	M18
T 19	1 47 30	25° 2'01	1♋24	19°18	20°13	5°37	2°43	24°57	29°20	28°56	26°52	5°45	7° 7	4°49	28°53	T 19
W20	1 51 26	26° 1'46	14°31	20°15	21°28	5°54	2°52	25° 2	29°24	28°55	26°54	5°47	7° 3	4°55	28°50	W20
T 21	1 55 23	27° 1'33	27°15	21° 8	22°43	6°10	3° 1	25° 7	29°28	28°54	26°56	5°R47	7° 0	5° 2	28°48	T 21
F 22	1 59 20	28° 1'23	9♌40	21°57	23°58	6°26	3°11	25°11	29°32	28°52	26°58	5°46	6°57	5° 9	28°45	F 22
S 23	2 3 16	29° 1'14	21°51	22°43	25°13	6°41	3°20	25°16	29°35	28°51	27° 0	5°44	6°54	5°15	28°43	S 23
S 24	2 7 13	0♏ 1'08	3♍51	23°24	26°29	6°55	3°29	25°21	29°39	28°49	27° 2	5°40	6°51	5°22	28°41	S 24
M25	2 11 9	1° 1'04	15°45	24° 0	27°44	7° 9	3°39	25°26	29°43	28°48	27° 4	5°34	6°48	5°29	28°39	M25
T 26	2 15 6	2° 1'02	27°36	24°31	28°59	7°22	3°49	25°31	29°47	28°46	27° 6	5°28	6°44	5°36	28°36	T 26
W27	2 19 2	3° 1'02	9♎27	24°55	0♏14	7°35	3°59	25°36	29°50	28°45	27° 8	5°22	6°41	5°42	28°34	W27
T 28	2 22 59	4° 1'04	21°20	25°13	1°30	7°47	4° 8	25°41	29°54	28°43	27°10	5°16	6°38	5°49	28°32	T 28
F 29	2 26 55	5° 1'08	3♏17	25°24	2°45	7°58	4°19	25°47	29°58	28°42	27°12	5°11	6°35	5°56	28°30	F 29
S 30	2 30 52	6° 1'14	15°20	25°R27	4° 0	8° 9	4°29	25°52	0♏ 2	28°40	27°14	5° 8	6°32	6° 2	28°28	S 30
S 31	2 34 49	7♏ 1'22	27♏29	25♏21	5♏16	8♋18	4♑39	25♐57	0♏ 5	28♉39	27♍16	5♊ 7	6♊29	6♎ 9	28♓26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s52	6s17	3n25	11s31	1s13	2n15	1n27	23n27	0s 1	23s34	0s 5	22s25	0n55	10s23	0n30	18n20	1s44	15n48	15n37	21n27	21n41	3n10	2n59	3n24
S 2	3 15	11 13	2 34	12 8	1 20	1 45	1 27	23 29	0n 1	23 34	0 5	22 25	0 55	10 25	0 30	18 20	1 44	15 47	15 37	21 26	21 41	3 7	2 58	3 24
S 3	3 39	15 46	1 36	12 45	1 27	1 15	1 27	23 31	0 2	23 34	0 5	22 25	0 55	10 26	0 30	18 20	1 44	15 46	15 38	21 25	21 40	3 4	2 57	3 24
M 4	4 2	19 44	0 32	13 21	1 34	0 45	1 26	23 33	0 4	23 34	0 6	22 26	0 55	10 27	0 30	18 19	1 44	15 46	15 38	21 25	21 40	3 1	2 56	3 24
T 5	4 25	22 55	0s34	13 56	1 41	0 14	1 26	23 34	0 6	23 34	0 6	22 26	0 55	10 29	0 30	18 19	1 44	15 45	15 38	21 25	21 39	2 58	2 54	3 24
W 6	4 48	25 3	1 39	14 31	1 48	0s16	1 26	23 36	0 8	23 34	0 6	22 26	0 54	10 30	0 30	18 19	1 44	15 44	15 38	21 25	21 39	2 55	2 53	3 24
T 7	5 12	25 55	2 42	15 4	1 55	0 46	1 25	23 37	0 9	23 34	0 6	22 27	0 54	10 31	0 30	18 19	1 44	15 44	15 38	21 25	21 38	2 52	2 52	3 23
F 8	5 35	25 22	3 38	15 37	2 1	1 16	1 25	23 39	0 11	23 34	0 6	22 27	0 54	10 33	0 30	18 18	1 44	15 43	15 39	21 25	21 38	2 49	2 51	3 23
S 9	5 58	23 17	4 23	16 8	2 7	1 46	1 24	23 40	0 13	23 34	0 6	22 27	0 54	10 34	0 30	18 18	1 44	15 42	15 39	21 25	21 37	2 46	2 50	3 23
S 10	6 21	19 44	4 54	16 39	2 13	2 16	1 23	23 42	0 15	23 34	0 6	22 28	0 54	10 35	0 30	18 18	1 44	15 42	15 39	21 24	21 37	2 43	2 49	3 23
M11	6 43	14 53	5 7	17 9	2 19	2 47	1 23	23 43	0 17	23 34	0 6	22 28	0 54	10 37	0 30	18 17	1 44	15 41	15 39	21 23	21 36	2 40	2 47	3 23
T 12	7 6	9 2	5 0	17 37	2 25	3 17	1 22	23 45	0 19	23 34	0 6	22 28	0 53	10 38	0 30	18 17	1 44	15 40	15 39	21 22	21 36	2 37	2 46	3 23
W13	7 29	2 34	4 32	18 5	2 30	3 47	1 21	23 46	0 21	23 34	0 6	22 29	0 53	10 39	0 30	18 17	1 45	15 40	15 40	21 20	21 35	2 34	2 45	3 23
T 14	7 51	4n 6	3 44	18 31	2 35	4 17	1 20	23 47	0 23	23 34	0 7	22 29	0 53	10 41	0 30	18 17	1 45	15 39	15 40	21 19	21 34	2 31	2 44	3 22
F 15	8 14	10 30	2 41	18 56	2 40	4 47	1 19	23 49	0 24	23 34	0 7	22 29	0 53	10 42	0 30	18 16	1 45	15 38	15 40	21 18	21 34	2 28	2 43	3 22
S 16	8 36	16 11	1 28	19 20	2 44	5 16	1 18	23 50	0 27	23 34	0 7	22 29	0 53	10 43	0 30	18 16	1 45	15 38	15 40	21 18	21 33	2 25	2 42	3 22
S 17	8 58	20 47	0 10	19 42	2 48	5 46	1 17	23 51	0 29	23 34	0 7	22 30	0 53	10 45	0 30	18 16	1 45	15 37	15 41	21 18	21 33	2 22	2 40	3 22
M18	9 20	24 0	1n 5	20 3	2 52	6 16	1 16	23 53	0 31	23 34	0 7	22 30	0 53	10 46	0 30	18 15	1 45	15 37	15 41	21 18	21 32	2 19	2 39	3 22
T 19	9 42	25 43	2 15	20 23	2 55	6 45	1 15	23 54	0 33	23 34	0 7	22 30	0 52	10 47	0 30	18 15	1 45	15 36	15 41	21 18	21 32	2 16	2 38	3 22
W20	10 4	25 55	3 15	20 41	2 57	7 15	1 14	23 55	0 35	23 34	0 7	22 31	0 52	10 49	0 30	18 15	1 45	15 35	15 41	21 18	21 31	2 13	2 37	3 22
T 21	10 26	24 43	4 4	20 57	2 59	7 44	1 12	23 57	0 37	23 34	0 7	22 31	0 52	10 50	0 30	18 14	1 45	15 35	15 42	21 18	21 31	2 10	2 36	3 21
F 22	10 47	22 20	4 39	21 11	3 1	8 13	1 11	23 58	0 39	23 34	0 7	22 31	0 52	10 51	0 30	18 14	1 45	15 34	15 42	21 18	21 30	2 7	2 35	3 21
S 23	11 9	19 0	5 2	21 24	3 1	8 42	1 10	24 0	0 41	23 33	0 7	22 32	0 52	10 53	0 30	18 14	1 45	15 34	15 42	21 18	21 30	2 4	2 34	3 21
S 24	11 30	14 56	5 11	21 34	3 1	9 10	1 8	24 1	0 44	23 33	0 7	22 32	0 52	10 54	0 30	18 13	1 45	15 33	15 43	21 17	21 29	2 1	2 33	3 21
M25	11 51	10 20	5 6	21 43	3 0	9 39	1 7	24 3	0 46	23 33	0 8	22 32	0 52	10 55	0 30	18 13	1 45	15 33	15 43	21 16	21 29	1 58	2 32	3 21
T 26	12 12	5 22	4 48	21 48	2 58	10 7	1 5	24 4	0 48	23 33	0 8	22 33	0 51	10 57	0 30	18 13	1 45	15 32	15 43	21 15	21 28	1 55	2 31	3 21
W27	12 32	0 12	4 18	21 52	2 55	10 35	1 4	24 6	0 51	23 33	0 8	22 33	0 51	10 58	0 30	18 12	1 45	15 32	15 44	21 14	21 28	1 52	2 30	3 20
T 28	12 53	4s59	3 37	21 52	2 51	11 3	1 2	24 8	0 53	23 32	0 8	22 33	0 51	10 59	0 30	18 12	1 45	15 31	15 44	21 13	21 27	1 49	2 29	3 20
F 29	13 13	10 2	2 45	21 50	2 46	11 30	1 0	24 9	0 55	23 32	0 8	22 33	0 51	11 1	0 30	18 12	1 45	15 31	15 44	21 12	21 27	1 46	2 27	3 20
S 30	13 33	14 46	1 46	21 44	2 39	11 57	0 59	24 11	0 58	23 32	0 8	22 34	0 51	11 2	0 30	18 11	1 45	15 31	15 45	21 11	21 26	1 43	2 26	3 20
S 31	13s53	18s57	0n42	21s35	2s31	12s24	0n57	24n13	1n 0	23s32	0s 8	22s34	0n51	11s 3	0n30	18n11	1s45	15n30	15n45	21n11	21n25	1n40	2n25	3n20

Julian Day Number = 2350645.5, Delta T = 10.56 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'02, Lahiri = 20°00'02Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1723
geocentric

NOVEMBER 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 38 45	8♏ 1'31	9♐48	25°R 6	6♏31	8♋28	4♑49	26♐ 3	0♏ 9	28°R37	27♍17	5°D 6	6♊25	6♎16	28°R24	M 1
T 2	2 42 42	9° 1'43	22°18	24♏42	7°46	8°36	5° 0	26° 8	0°13	28♉36	27°19	5♊ 7	6°22	6°23	28♓22	T 2
W 3	2 46 38	10° 1'56	5♑ 0	24° 8	9° 1	8°44	5°10	26°14	0°17	28°34	27°21	5° 9	6°19	6°29	28°20	W 3
T 4	2 50 35	11° 2'10	17°59	23°24	10°17	8°51	5°21	26°19	0°20	28°33	27°23	5°11	6°16	6°36	28°18	T 4
F 5	2 54 31	12° 2'26	1♒15	22°30	11°32	8°57	5°32	26°25	0°24	28°31	27°25	5°12	6°13	6°43	28°16	F 5
S 6	2 58 28	13° 2'44	14°52	21°28	12°48	9° 2	5°43	26°31	0°28	28°29	27°26	5°R12	6° 9	6°49	28°14	S 6
S 7	3 2 24	14° 3'02	28°50	20°19	14° 3	9° 7	5°54	26°37	0°31	28°28	27°28	5°11	6° 6	6°56	28°12	S 7
M 8	3 6 21	15° 3'23	13♓ 9	19° 3	15°18	9°11	6° 5	26°42	0°35	28°26	27°30	5°10	6° 3	7° 3	28°11	M 8
T 9	3 10 18	16° 3'44	27°46	17°44	16°34	9°14	6°16	26°48	0°39	28°24	27°31	5° 8	6° 0	7° 9	28° 9	T 9
W10	3 14 14	17° 4'07	12♈36	16°24	17°49	9°16	6°27	26°54	0°43	28°23	27°33	5° 5	5°57	7°16	28° 8	W10
T 11	3 18 11	18° 4'32	27°34	15° 5	19° 4	9°18	6°39	27° 0	0°46	28°21	27°35	5° 3	5°54	7°23	28° 6	T 11
F 12	3 22 7	19° 4'58	12♉29	13°50	20°20	9°R18	6°50	27° 6	0°50	28°19	27°36	5° 1	5°50	7°30	28° 4	F 12
S 13	3 26 4	20° 5'26	27°14	12°41	21°35	9°18	7° 2	27°12	0°53	28°18	27°38	5° 0	5°47	7°36	28° 3	S 13
S 14	3 30 0	21° 5'55	11♊42	11°40	22°50	9°17	7°13	27°18	0°57	28°16	27°39	5°D 0	5°44	7°43	28° 2	S 14
M15	3 33 57	22° 6'26	25°47	10°50	24° 6	9°15	7°25	27°25	1° 1	28°14	27°41	5° 1	5°41	7°50	28° 0	M15
T 16	3 37 53	23° 6'59	9♋27	10°10	25°21	9°12	7°37	27°31	1° 4	28°13	27°42	5° 2	5°38	7°56	27°59	T 16
W17	3 41 50	24° 7'33	22°42	9°43	26°37	9° 9	7°49	27°37	1° 8	28°11	27°44	5° 3	5°35	8° 3	27°58	W17
T 18	3 45 47	25° 8'10	5♌32	9°27	27°52	9° 4	8° 1	27°43	1°11	28° 9	27°45	5° 4	5°31	8°10	27°56	T 18
F 19	3 49 43	26° 8'48	18° 2	9°D22	29° 7	8°59	8°13	27°50	1°15	28° 8	27°47	5° 4	5°28	8°16	27°55	F 19
S 20	3 53 40	27° 9'27	0♍15	9°28	0♐23	8°53	8°25	27°56	1°18	28° 6	27°48	5°R 5	5°25	8°23	27°54	S 20
S 21	3 57 36	28°10'08	12°16	9°45	1°38	8°46	8°37	28° 2	1°22	28° 4	27°49	5° 4	5°22	8°30	27°53	S 21
M22	4 1 33	29°10'51	24°10	10°10	2°53	8°38	8°49	28° 9	1°25	28° 3	27°51	5° 4	5°19	8°37	27°52	M22
T 23	4 5 29	0♐11'36	6♎ 0	10°45	4° 9	8°29	9° 1	28°15	1°29	28° 1	27°52	5° 3	5°15	8°43	27°51	T 23
W24	4 9 26	1°12'22	17°51	11°26	5°24	8°20	9°14	28°22	1°32	27°59	27°53	5° 2	5°12	8°50	27°50	W24
T 25	4 13 22	2°13'09	29°47	12°15	6°40	8° 9	9°26	28°29	1°35	27°57	27°54	5° 2	5° 9	8°57	27°49	T 25
F 26	4 17 19	3°13'58	11♏51	13° 9	7°55	7°58	9°39	28°35	1°39	27°56	27°56	5° 2	5° 6	9° 3	27°49	F 26
S 27	4 21 16	4°14'48	24° 4	14° 9	9°11	7°45	9°51	28°42	1°42	27°54	27°57	5° 2	5° 3	9°10	27°48	S 27
S 28	4 25 12	5°15'40	6♐28	15°13	10°26	7°32	10° 4	28°48	1°45	27°52	27°58	5° 2	5° 0	9°17	27°47	S 28
M29	4 29 9	6°16'32	19° 5	16°21	11°41	7°18	10°17	28°55	1°49	27°51	27°59	5° 2	4°56	9°23	27°46	M29
T 30	4 33 5	7♐17'26	1♑55	17♏32	12♐57	7♋ 4	10♑30	29♐ 2	1♏52	27♉49	28♍ 0	5♊ 1	4♊53	9♎30	27♓46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s12	22s23	0s26	21s21	2s22	12s51	0n55	24n15	1n 3	23s31	0s 8	22s34	0n51	11s 5	0n30	18n11	1s45	15n30	15n45	21n11	21n25	1n37	2n25	3n19
T 2	14 32	24 48	1 33	21 5	2 10	13 17	0 53	24 17	1 5	23 31	0 8	22 35	0 51	11 6	0 30	18 10	1 45	15 29	15 46	21 11	21 24	1 34	2 24	3 19
W 3	14 51	26 0	2 37	20 43	1 57	13 43	0 51	24 19	1 8	23 31	0 8	22 35	0 50	11 7	0 30	18 10	1 45	15 29	15 46	21 11	21 24	1 30	2 23	3 19
T 4	15 10	25 48	3 34	20 18	1 43	14 9	0 49	24 21	1 10	23 30	0 8	22 35	0 50	11 8	0 30	18 9	1 45	15 29	15 46	21 12	21 23	1 27	2 22	3 19
F 5	15 28	24 10	4 22	19 49	1 26	14 34	0 47	24 23	1 13	23 30	0 8	22 35	0 50	11 10	0 30	18 9	1 45	15 28	15 47	21 12	21 23	1 24	2 21	3 19
S 6	15 47	21 6	4 56	19 16	1 8	14 59	0 45	24 25	1 16	23 30	0 9	22 36	0 50	11 11	0 30	18 9	1 45	15 28	15 47	21 12	21 22	1 21	2 20	3 18
S 7	16 5	16 47	5 13	18 39	0 49	15 24	0 43	24 28	1 18	23 29	0 9	22 36	0 50	11 12	0 30	18 8	1 45	15 28	15 48	21 12	21 22	1 18	2 19	3 18
M 8	16 23	11 26	5 12	17 59	0 29	15 48	0 41	24 30	1 21	23 29	0 9	22 36	0 50	11 14	0 30	18 8	1 45	15 27	15 48	21 12	21 21	1 15	2 18	3 18
T 9	16 40	5 20	4 51	17 17	0 9	16 11	0 39	24 33	1 24	23 28	0 9	22 37	0 50	11 15	0 30	18 8	1 45	15 27	15 48	21 11	21 20	1 12	2 17	3 18
W10	16 58	1n 9	4 10	16 35	0n12	16 35	0 37	24 35	1 26	23 28	0 9	22 37	0 50	11 16	0 30	18 7	1 45	15 27	15 49	21 11	21 20	1 9	2 16	3 18
T 11	17 14	7 38	3 12	15 52	0 32	16 58	0 35	24 38	1 29	23 28	0 9	22 37	0 49	11 18	0 30	18 7	1 45	15 27	15 49	21 10	21 19	1 6	2 16	3 17
F 12	17 31	13 41	2 1	15 12	0 52	17 20	0 33	24 41	1 32	23 27	0 9	22 37	0 49	11 19	0 30	18 7	1 45	15 26	15 50	21 10	21 19	1 3	2 15	3 17
S 13	17 48	18 53	0 43	14 34	1 10	17 42	0 30	24 44	1 35	23 27	0 9	22 38	0 49	11 20	0 30	18 6	1 45	15 26	15 50	21 10	21 18	1 0	2 14	3 17
S 14	18 4	22 50	0n37	13 59	1 26	18 4	0 28	24 46	1 38	23 26	0 9	22 38	0 49	11 21	0 30	18 6	1 45	15 26	15 51	21 10	21 18	0 57	2 13	3 17
M15	18 19	25 17	1 53	13 30	1 41	18 25	0 26	24 49	1 40	23 25	0 9	22 38	0 49	11 23	0 30	18 5	1 45	15 26	15 51	21 10	21 17	0 54	2 12	3 16
T 16	18 35	26 7	2 59	13 5	1 54	18 45	0 23	24 52	1 43	23 25	0 9	22 38	0 49	11 24	0 30	18 5	1 45	15 26	15 52	21 10	21 17	0 51	2 12	3 16
W17	18 50	25 25	3 55	12 46	2 5	19 5	0 21	24 56	1 46	23 24	0 9	22 38	0 49	11 25	0 30	18 5	1 45	15 25	15 52	21 10	21 16	0 48	2 11	3 16
T 18	19 5	23 22	4 36	12 33	2 13	19 25	0 19	24 59	1 49	23 24	0 10	22 39	0 49	11 26	0 30	18 4	1 45	15 25	15 52	21 11	21 15	0 45	2 10	3 16
F 19	19 19	20 15	5 3	12 25	2 20	19 43	0 17	25 2	1 52	23 23	0 10	22 39	0 49	11 27	0 30	18 4	1 45	15 25	15 53	21 11	21 15	0 41	2 10	3 15
S 20	19 33	16 19	5 16	12 22	2 25	20 2	0 14	25 5	1 55	23 22	0 10	22 39	0 48	11 29	0 30	18 4	1 45	15 25	15 53	21 11	21 14	0 38	2 9	3 15
S 21	19 47	11 48	5 15	12 24	2 29	20 20	0 12	25 9	1 58	23 22	0 10	22 39	0 48	11 30	0 30	18 3	1 45	15 25	15 54	21 11	21 14	0 35	2 8	3 15
M22	20 0	6 54	5 0	12 31	2 30	20 37	0 9	25 12	2 1	23 21	0 10	22 40	0 48	11 31	0 30	18 3	1 45	15 25	15 54	21 11	21 13	0 32	2 8	3 15
T 23	20 13	1 47	4 32	12 41	2 31	20 54	0 7	25 16	2 4	23 20	0 10	22 40	0 48	11 32	0 30	18 2	1 45	15 25	15 55	21 10	21 13	0 29	2 7	3 15
W24	20 26	3s26	3 53	12 55	2 30	21 10	0 5	25 20	2 7	23 19	0 10	22 40	0 48	11 33	0 30	18 2	1 45	15 25	15 55	21 10	21 12	0 26	2 7	3 14
T 25	20 38	8 33	3 3	13 11	2 28	21 25	0 2	25 23	2 10	23 19	0 10	22 40	0 48	11 35	0 30	18 2	1 45	15 25	15 56	21 10	21 11	0 23	2 6	3 14
F 26	20 50	13 26	2 5	13 30	2 25	21 40	0s 0	25 27	2 13	23 18	0 10	22 40	0 48	11 36	0 30	18 1	1 45	15 25	15 56	21 10	21 11	0 20	2 5	3 14
S 27	21 2	17 50	1 0	13 51	2 22	21 54	0 3	25 31	2 16	23 17	0 10	22 40	0 48	11 37	0 30	18 1	1 45	15 25	15 57	21 10	21 10	0 17	2 5	3 14
S 28	21 13	21 33	0s 8	14 14	2 17	22 8	0 5	25 34	2 19	23 16	0 10	22 41	0 48	11 38	0 30	18 1	1 45	15 25	15 57	21 10	21 10	0 14	2 4	3 13
M29	21 23	24 19	1 17	14 38	2 12	22 21	0 7	25 38	2 22	23 15	0 11	22 41	0 48	11 39	0 30	18 0	1 45	15 25	15 58	21 10	21 9	0 11	2 4	3 13
T 30	21s34	25s51	2s24	15s 3	2n 7	22s33	0s10	25n42	2n25	23s14	0s11	22s41	0n47	11s40	0n30	18n 0	1s45	15n25	15n58	21n10	21n 9	0n 8	2n 3	3n13

Julian Day Number = 2350676.5, Delta T = 10.56 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'06, Lahiri = 20°00'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1723
geocentric

DECEMBER 1723 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 37 2	8♐18'21	14♑58	18♏46	14♐12	6°R48	10♑42	29♐ 9	1♏55	27°R47	28♍ 1	5°R 1	4♊50	9♎37	27°R45	W 1
T 2	4 40 58	9°19'17	28°14	20° 3	15°28	6♋32	10°55	29°15	1°58	27♉46	28° 2	5♊ 1	4°47	9°44	27♓45	T 2
F 3	4 44 55	10°20'14	11♒44	21°22	16°43	6°15	11° 8	29°22	2° 2	27°44	28° 3	5° 0	4°44	9°50	27°45	F 3
S 4	4 48 51	11°21'11	25°27	22°42	17°59	5°58	11°21	29°29	2° 5	27°42	28° 4	5° 0	4°41	9°57	27°44	S 4
S 5	4 52 48	12°22'09	9♓22	24° 4	19°14	5°39	11°34	29°36	2° 8	27°41	28° 5	4°D59	4°37	10° 4	27°44	S 5
M 6	4 56 45	13°23'07	23°29	25°28	20°29	5°20	11°48	29°43	2°11	27°39	28° 6	4°59	4°34	10°10	27°44	M 6
T 7	5 0 41	14°24'06	7♈47	26°53	21°45	5° 1	12° 1	29°50	2°14	27°38	28° 7	5° 0	4°31	10°17	27°44	T 7
W 8	5 4 38	15°25'06	22°11	28°19	23° 0	4°41	12°14	29°56	2°17	27°36	28° 8	5° 1	4°28	10°24	27°43	W 8
T 9	5 8 34	16°26'06	6♉40	29°45	24°16	4°20	12°27	0♑ 3	2°20	27°34	28° 8	5° 2	4°25	10°30	27°D43	T 9
F 10	5 12 31	17°27'07	21° 8	1♐13	25°31	3°59	12°41	0°10	2°23	27°33	28° 9	5° 3	4°21	10°37	27°43	F 10
S 11	5 16 27	18°28'08	5♊29	2°41	26°46	3°37	12°54	0°17	2°26	27°31	28°10	5°R 3	4°18	10°44	27°43	S 11
S 12	5 20 24	19°29'11	19°40	4° 9	28° 2	3°15	13° 7	0°24	2°29	27°30	28°11	5° 2	4°15	10°51	27°44	S 12
M13	5 24 21	20°30'14	3♋35	5°38	29°17	2°53	13°21	0°31	2°32	27°28	28°11	5° 1	4°12	10°57	27°44	M13
T 14	5 28 17	21°31'17	17°11	7° 8	0♑33	2°30	13°34	0°38	2°34	27°27	28°12	4°59	4° 9	11° 4	27°44	T 14
W15	5 32 14	22°32'22	0♌26	8°38	1°48	2° 7	13°48	0°45	2°37	27°25	28°12	4°57	4° 6	11°11	27°44	W15
T 16	5 36 10	23°33'27	13°20	10° 8	3° 3	1°44	14° 1	0°52	2°40	27°24	28°13	4°54	4° 2	11°17	27°45	T 16
F 17	5 40 7	24°34'33	25°53	11°39	4°19	1°20	14°15	0°59	2°43	27°22	28°14	4°51	3°59	11°24	27°45	F 17
S 18	5 44 3	25°35'39	8♍10	13°10	5°34	0°57	14°29	1° 6	2°45	27°21	28°14	4°49	3°56	11°31	27°45	S 18
S 19	5 48 0	26°36'47	20°13	14°41	6°49	0°33	14°42	1°13	2°48	27°19	28°15	4°48	3°53	11°37	27°46	S 19
M20	5 51 56	27°37'55	2♎ 7	16°13	8° 5	0° 9	14°56	1°20	2°50	27°18	28°15	4°D48	3°50	11°44	27°47	M20
T 21	5 55 53	28°39'03	13°58	17°45	9°20	29♊45	15°10	1°28	2°53	27°16	28°15	4°49	3°47	11°51	27°47	T 21
W22	5 59 50	29°40'12	25°49	19°17	10°35	29°22	15°24	1°35	2°55	27°15	28°16	4°50	3°43	11°58	27°48	W22
T 23	6 3 46	0♑41'22	7♏47	20°49	11°51	28°58	15°37	1°42	2°58	27°14	28°16	4°52	3°40	12° 4	27°49	T 23
F 24	6 7 43	1°42'33	19°54	22°22	13° 6	28°34	15°51	1°49	3° 0	27°12	28°16	4°54	3°37	12°11	27°49	F 24
S 25	6 11 39	2°43'44	2♐16	23°55	14°22	28°11	16° 5	1°56	3° 3	27°11	28°17	4°R55	3°34	12°18	27°50	S 25
S 26	6 15 36	3°44'55	14°53	25°28	15°37	27°48	16°19	2° 3	3° 5	27°10	28°17	4°54	3°31	12°24	27°51	S 26
M27	6 19 32	4°46'06	27°49	27° 1	16°52	27°25	16°33	2°10	3° 7	27° 8	28°17	4°52	3°27	12°31	27°52	M27
T 28	6 23 29	5°47'18	11♑ 2	28°35	18° 8	27° 3	16°47	2°17	3° 9	27° 7	28°17	4°49	3°24	12°38	27°53	T 28
W29	6 27 25	6°48'30	24°31	0♑ 9	19°23	26°41	17° 1	2°24	3°12	27° 6	28°17	4°44	3°21	12°44	27°54	W29
T 30	6 31 22	7°49'42	8♒15	1°43	20°38	26°19	17°15	2°31	3°14	27° 5	28°17	4°39	3°18	12°51	27°55	T 30
F 31	6 35 19	8♑50'53	22♒10	3♑18	21♑53	25♊58	17♑29	2♑38	3♏16	27♉ 4	28♍17	4♊33	3♊15	12♎58	27♓57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s44	26s 1	3s24	15s29	2n 1	22s44	0s12	25n45	2n28	23s13	0s11	22s41	0n47	11s41	0n30	17n59	1s45	15n25	15n59	21n10	21n 8	0n 4	2n 3	3n13
T 2	21 53	24 42	4 14	15 56	1 55	22 55	0 15	25 49	2 30	23 12	0 11	22 41	0 47	11 42	0 30	17 59	1 45	15 25	15 59	21 10	21 7	0 1	2 3	3 12
F 3	22 2	21 57	4 51	16 23	1 49	23 6	0 17	25 53	2 33	23 11	0 11	22 41	0 47	11 44	0 30	17 59	1 45	15 25	16 0	21 10	21 7	0s 2	2 2	3 12
S 4	22 11	17 57	5 13	16 50	1 42	23 15	0 19	25 56	2 36	23 10	0 11	22 41	0 47	11 45	0 30	17 58	1 45	15 25	16 1	21 10	21 6	0 5	2 2	3 12
S 5	22 19	12 57	5 16	17 17	1 35	23 24	0 22	26 0	2 39	23 9	0 11	22 42	0 47	11 46	0 30	17 58	1 45	15 25	16 1	21 10	21 6	0 8	2 2	3 12
M 6	22 26	7 11	5 1	17 44	1 28	23 32	0 24	26 4	2 42	23 8	0 11	22 42	0 47	11 47	0 30	17 58	1 45	15 25	16 2	21 10	21 5	0 11	2 1	3 11
T 7	22 34	1 0	4 27	18 11	1 21	23 39	0 26	26 7	2 44	23 7	0 11	22 42	0 47	11 48	0 30	17 57	1 45	15 26	16 2	21 10	21 5	0 14	2 1	3 11
W 8	22 41	5n19	3 36	18 37	1 13	23 46	0 29	26 10	2 47	23 6	0 11	22 42	0 47	11 49	0 30	17 57	1 45	15 26	16 3	21 10	21 4	0 17	2 1	3 11
T 9	22 47	11 23	2 31	19 3	1 6	23 52	0 31	26 14	2 50	23 5	0 11	22 42	0 47	11 50	0 30	17 57	1 45	15 26	16 3	21 10	21 3	0 20	2 0	3 11
F 10	22 53	16 50	1 16	19 29	0 58	23 57	0 33	26 17	2 52	23 4	0 11	22 42	0 47	11 51	0 30	17 56	1 45	15 26	16 4	21 10	21 3	0 23	2 0	3 10
S 11	22 58	21 18	0n 2	19 54	0 51	24 2	0 36	26 20	2 55	23 2	0 12	22 42	0 47	11 52	0 30	17 56	1 45	15 26	16 4	21 10	21 2	0 26	2 0	3 10
S 12	23 4	24 24	1 20	20 18	0 43	24 5	0 38	26 23	2 57	23 1	0 12	22 42	0 46	11 53	0 30	17 56	1 45	15 27	16 5	21 10	21 2	0 30	2 0	3 10
M13	23 8	25 57	2 31	20 41	0 36	24 8	0 40	26 26	2 59	23 0	0 12	22 42	0 46	11 54	0 30	17 55	1 45	15 27	16 5	21 10	21 1	0 33	2 0	3 10
T 14	23 12	25 53	3 32	21 4	0 28	24 11	0 42	26 29	3 2	22 59	0 12	22 42	0 46	11 55	0 30	17 55	1 45	15 27	16 6	21 10	21 0	0 36	2 0	3 9
W15	23 16	24 19	4 20	21 26	0 21	24 12	0 44	26 31	3 4	22 57	0 12	22 42	0 46	11 56	0 30	17 55	1 45	15 27	16 7	21 9	21 0	0 39	1 59	3 9
T 16	23 19	21 31	4 53	21 47	0 14	24 13	0 46	26 34	3 6	22 56	0 12	22 42	0 46	11 57	0 30	17 55	1 45	15 28	16 7	21 9	20 59	0 42	1 59	3 9
F 17	23 22	17 47	5 11	22 7	0 7	24 13	0 49	26 36	3 8	22 55	0 12	22 42	0 46	11 57	0 30	17 54	1 45	15 28	16 8	21 8	20 59	0 45	1 59	3 9
S 18	23 24	13 23	5 15	22 25	0s 1	24 12	0 51	26 38	3 10	22 53	0 12	22 42	0 46	11 58	0 30	17 54	1 45	15 28	16 8	21 8	20 58	0 48	1 59	3 8
S 19	23 26	8 32	5 4	22 43	0 8	24 11	0 53	26 40	3 12	22 52	0 12	22 42	0 46	11 59	0 30	17 54	1 45	15 29	16 9	21 8	20 57	0 51	1 59	3 8
M20	23 27	3 26	4 40	23 0	0 15	24 8	0 55	26 42	3 14	22 51	0 12	22 42	0 46	12 0	0 30	17 53	1 45	15 29	16 9	21 8	20 57	0 54	1 59	3 8
T 21	23 28	1s45	4 5	23 16	0 21	24 5	0 57	26 44	3 15	22 49	0 12	22 42	0 46	12 1	0 30	17 53	1 45	15 29	16 10	21 8	20 56	0 57	1 59	3 8
W22	23 29	6 54	3 19	23 31	0 28	24 2	0 59	26 46	3 17	22 48	0 12	22 42	0 46	12 2	0 30	17 53	1 44	15 30	16 11	21 8	20 56	1 1	1 59	3 7
T 23	23 28	11 52	2 24	23 44	0 35	23 57	1 0	26 47	3 19	22 46	0 13	22 42	0 46	12 3	0 30	17 52	1 44	15 30	16 11	21 8	20 55	1 4	1 59	3 7
F 24	23 28	16 26	1 22	23 56	0 41	23 52	1 2	26 48	3 20	22 45	0 13	22 42	0 46	12 3	0 30	17 52	1 44	15 30	16 12	21 9	20 54	1 7	1 59	3 7
S 25	23 27	20 25	0 15	24 8	0 47	23 46	1 4	26 49	3 21	22 43	0 13	22 42	0 45	12 4	0 30	17 52	1 44	15 31	16 12	21 9	20 54	1 10	2 0	3 7
S 26	23 25	23 31	0s54	24 17	0 54	23 39	1 6	26 50	3 23	22 41	0 13	22 42	0 45	12 5	0 30	17 52	1 44	15 31	16 13	21 9	20 53	1 13	2 0	3 6
M27	23 23	25 30	2 2	24 26	0 59	23 32	1 8	26 51	3 24	22 40	0 13	22 42	0 45	12 6	0 30	17 51	1 44	15 32	16 13	21 8	20 53	1 16	2 0	3 6
T 28	23 21	26 5	3 5	24 33	1 5	23 23	1 9	26 51	3 25	22 38	0 13	22 42	0 45	12 7	0 30	17 51	1 44	15 32	16 14	21 8	20 52	1 19	2 0	3 6
W29	23 18	25 9	3 58	24 39	1 11	23 15	1 11	26 52	3 26	22 37	0 13	22 42	0 45	12 7	0 30	17 51	1 44	15 33	16 15	21 7	20 51	1 22	2 0	3 6
T 30	23 15	22 43	4 39	24 44	1 16	23 5	1 12	26 52	3 27	22 35	0 13	22 42	0 45	12 8	0 30	17 51	1 44	15 33	16 15	21 6	20 51	1 25	2 1	3 5
F 31	23s11	18s56	5s 4	24s47	1s21	22s55	1s14	26n52	3n27	22s33	0s13	22s42	0n45	12s 9	0n30	17n51	1s44	15n34	16n16	21n 5	20n50	1s29	2n 1	3n 5

Julian Day Number = 2350706.5, Delta T = 10.57 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'10, Lahiri = 20°00'10Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

JANUARY 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 39 15	9♑52'05	6♓13	4♑53	23♑ 9	25°R37	17♑43	2♑45	3♏18	27°R 2	28°R17	4°R28	3♊12	13♎ 4	27♓58	S 1
S 2	6 43 12	10°53'16	20°20	6°29	24°24	25♊17	17°57	2°52	3°20	27♉ 1	28♍17	4♊25	3° 8	13°11	27°59	S 2
M 3	6 47 8	11°54'26	4♈29	8° 4	25°39	24°58	18°11	2°59	3°22	27° 0	28°17	4°23	3° 5	13°18	28° 1	M 3
T 4	6 51 5	12°55'36	18°37	9°41	26°55	24°39	18°25	3° 6	3°24	26°59	28°17	4°D23	3° 2	13°25	28° 2	T 4
W 5	6 55 1	13°56'46	2♉44	11°17	28°10	24°21	18°39	3°13	3°25	26°58	28°17	4°24	2°59	13°31	28° 3	W 5
T 6	6 58 58	14°57'55	16°48	12°54	29°25	24° 3	18°53	3°20	3°27	26°57	28°17	4°26	2°56	13°38	28° 5	T 6
F 7	7 2 54	15°59'03	0♊47	14°32	0♒40	23°46	19° 7	3°27	3°29	26°56	28°17	4°R27	2°53	13°45	28° 7	F 7
S 8	7 6 51	17° 0'12	14°40	16°10	1°56	23°30	19°21	3°34	3°31	26°55	28°16	4°26	2°49	13°51	28° 8	S 8
S 9	7 10 48	18° 1'19	28°24	17°48	3°11	23°15	19°35	3°41	3°32	26°54	28°16	4°24	2°46	13°58	28°10	S 9
M10	7 14 44	19° 2'27	11♋57	19°27	4°26	23° 0	19°49	3°48	3°34	26°53	28°16	4°19	2°43	14° 5	28°12	M10
T 11	7 18 41	20° 3'33	25°16	21° 6	5°41	22°46	20° 3	3°55	3°35	26°52	28°15	4°12	2°40	14°11	28°13	T 11
W12	7 22 37	21° 4'40	8♌21	22°46	6°56	22°33	20°17	4° 2	3°37	26°51	28°15	4° 4	2°37	14°18	28°15	W12
T 13	7 26 34	22° 5'46	21° 8	24°26	8°11	22°20	20°31	4° 9	3°38	26°51	28°15	3°55	2°33	14°25	28°17	T 13
F 14	7 30 30	23° 6'51	3♍40	26° 7	9°27	22° 9	20°46	4°15	3°40	26°50	28°14	3°46	2°30	14°31	28°19	F 14
S 15	7 34 27	24° 7'56	15°56	27°48	10°42	21°58	21° 0	4°22	3°41	26°49	28°14	3°38	2°27	14°38	28°21	S 15
S 16	7 38 24	25° 9'01	27°59	29°30	11°57	21°48	21°14	4°29	3°42	26°48	28°13	3°32	2°24	14°45	28°23	S 16
M17	7 42 20	26°10'05	9♎54	1♒12	13°12	21°39	21°28	4°36	3°44	26°48	28°13	3°28	2°21	14°52	28°25	M17
T 18	7 46 17	27°11'09	21°44	2°55	14°27	21°30	21°42	4°43	3°45	26°47	28°12	3°26	2°18	14°58	28°27	T 18
W19	7 50 13	28°12'12	3♏34	4°38	15°42	21°23	21°56	4°49	3°46	26°46	28°12	3°D26	2°14	15° 5	28°29	W19
T 20	7 54 10	29°13'15	15°31	6°21	16°57	21°16	22°10	4°56	3°47	26°46	28°11	3°27	2°11	15°12	28°31	T 20
F 21	7 58 6	0♒14'18	27°38	8° 5	18°12	21°10	22°24	5° 3	3°48	26°45	28°10	3°R28	2° 8	15°18	28°34	F 21
S 22	8 2 3	1°15'20	10♐ 2	9°49	19°27	21° 5	22°38	5° 9	3°49	26°45	28°10	3°28	2° 5	15°25	28°36	S 22
S 23	8 5 59	2°16'21	22°46	11°33	20°42	21° 0	22°52	5°16	3°50	26°44	28° 9	3°26	2° 2	15°32	28°38	S 23
M24	8 9 56	3°17'22	5♑53	13°18	21°57	20°57	23° 6	5°22	3°51	26°44	28° 8	3°22	1°59	15°38	28°41	M24
T 25	8 13 53	4°18'22	19°24	15° 2	23°12	20°54	23°20	5°29	3°51	26°43	28° 7	3°15	1°55	15°45	28°43	T 25
W26	8 17 49	5°19'21	3♒17	16°46	24°27	20°52	23°34	5°35	3°52	26°43	28° 7	3° 6	1°52	15°52	28°46	W26
T 27	8 21 46	6°20'19	17°29	18°29	25°42	20°51	23°48	5°42	3°53	26°42	28° 6	2°55	1°49	15°58	28°48	T 27
F 28	8 25 42	7°21'16	1♓53	20°12	26°57	20°D50	24° 2	5°48	3°53	26°42	28° 5	2°44	1°46	16° 5	28°51	F 28
S 29	8 29 39	8°22'12	16°24	21°55	28°12	20°51	24°16	5°54	3°54	26°42	28° 4	2°35	1°43	16°12	28°53	S 29
S 30	8 33 35	9°23'07	0♈55	23°35	29°26	20°52	24°30	6° 1	3°55	26°41	28° 3	2°27	1°39	16°18	28°56	S 30
M31	8 37 32	10♒24'00	15♈20	25♒15	0♓41	20♊54	24♑44	6♑ 7	3♏55	26♉41	28♍ 2	2♊22	1♊36	16♎25	28♓59	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 7	14s 3	5s11	24s49	1s26	22s44	1s15	26n52	3n28	22s31	0s13	22s42	0n45	12s 9	0n30	17n50	1s44	15n34	16n16	21n 4	20n50	1s32	2n 1	3n 5
S 2	23 2	8 25	4 59	24 50	1 31	22 32	1 17	26 52	3 29	22 30	0 13	22 42	0 45	12 10	0 30	17 50	1 44	15 35	16 17	21 3	20 49	1 35	2 1	3 5
M 3	22 57	2 20	4 29	24 49	1 35	22 20	1 18	26 52	3 29	22 28	0 14	22 42	0 45	12 11	0 30	17 50	1 44	15 35	16 17	21 3	20 48	1 38	2 2	3 4
T 4	22 51	3n52	3 43	24 46	1 39	22 6	1 20	26 52	3 30	22 26	0 14	22 42	0 45	12 11	0 31	17 50	1 44	15 36	16 18	21 3	20 48	1 41	2 2	3 4
W 5	22 45	9 53	2 44	24 43	1 43	21 53	1 21	26 51	3 30	22 24	0 14	22 41	0 45	12 12	0 31	17 49	1 44	15 36	16 19	21 3	20 47	1 44	2 2	3 4
T 6	22 38	15 22	1 34	24 37	1 47	21 38	1 22	26 51	3 30	22 22	0 14	22 41	0 45	12 12	0 31	17 49	1 44	15 37	16 19	21 4	20 47	1 47	2 3	3 4
F 7	22 31	20 1	0 20	24 31	1 50	21 23	1 23	26 50	3 30	22 20	0 14	22 41	0 45	12 13	0 31	17 49	1 44	15 38	16 20	21 4	20 46	1 50	2 3	3 4
S 8	22 24	23 30	0n55	24 22	1 53	21 8	1 24	26 49	3 30	22 19	0 14	22 41	0 45	12 14	0 31	17 49	1 44	15 38	16 20	21 4	20 45	1 54	2 4	3 3
S 9	22 16	25 34	2 6	24 13	1 56	20 52	1 25	26 48	3 31	22 17	0 14	22 41	0 45	12 14	0 31	17 49	1 44	15 39	16 21	21 3	20 45	1 57	2 4	3 3
M10	22 7	26 4	3 9	24 1	1 59	20 35	1 26	26 48	3 30	22 15	0 14	22 41	0 45	12 15	0 31	17 49	1 44	15 39	16 21	21 2	20 44	2 0	2 5	3 3
T 11	21 58	25 2	4 0	23 48	2 1	20 17	1 27	26 47	3 30	22 13	0 14	22 41	0 44	12 15	0 31	17 48	1 44	15 40	16 22	21 1	20 43	2 3	2 5	3 3
W12	21 49	22 40	4 37	23 34	2 2	19 59	1 28	26 46	3 30	22 11	0 14	22 40	0 44	12 16	0 31	17 48	1 44	15 41	16 22	21 0	20 43	2 6	2 6	3 2
T 13	21 40	19 12	4 59	23 18	2 4	19 40	1 29	26 45	3 30	22 9	0 15	22 40	0 44	12 16	0 31	17 48	1 43	15 41	16 23	20 58	20 42	2 9	2 6	3 2
F 14	21 30	14 56	5 7	23 0	2 5	19 21	1 29	26 44	3 30	22 7	0 15	22 40	0 44	12 17	0 31	17 48	1 43	15 42	16 23	20 56	20 42	2 12	2 7	3 2
S 15	21 19	10 10	5 0	22 41	2 5	19 2	1 30	26 43	3 29	22 5	0 15	22 40	0 44	12 17	0 31	17 48	1 43	15 43	16 24	20 55	20 41	2 15	2 7	3 2
S 16	21 8	5 5	4 40	22 20	2 5	18 41	1 31	26 42	3 29	22 3	0 15	22 40	0 44	12 17	0 31	17 48	1 43	15 43	16 25	20 54	20 40	2 18	2 8	3 2
M17	20 57	0s 8	4 7	21 57	2 5	18 20	1 31	26 41	3 28	22 0	0 15	22 40	0 44	12 18	0 31	17 48	1 43	15 44	16 25	20 53	20 40	2 22	2 8	3 1
T 18	20 45	5 19	3 25	21 33	2 4	17 59	1 32	26 40	3 28	21 58	0 15	22 39	0 44	12 18	0 31	17 48	1 43	15 45	16 26	20 52	20 39	2 25	2 9	3 1
W19	20 33	10 19	2 33	21 8	2 3	17 37	1 32	26 38	3 27	21 56	0 15	22 39	0 44	12 19	0 31	17 48	1 43	15 45	16 26	20 52	20 38	2 28	2 10	3 1
T 20	20 21	15 0	1 35	20 40	2 1	17 15	1 32	26 37	3 27	21 54	0 15	22 39	0 44	12 19	0 31	17 47	1 43	15 46	16 27	20 53	20 38	2 31	2 10	3 1
F 21	20 8	19 9	0 31	20 11	1 59	16 52	1 33	26 36	3 26	21 52	0 15	22 39	0 44	12 19	0 31	17 47	1 43	15 47	16 27	20 53	20 37	2 34	2 11	3 0
S 22	19 55	22 34	0s35	19 41	1 56	16 29	1 33	26 35	3 25	21 50	0 15	22 39	0 44	12 19	0 31	17 47	1 43	15 48	16 28	20 53	20 37	2 37	2 12	3 0
S 23	19 41	24 58	1 41	19 9	1 53	16 5	1 33	26 34	3 24	21 47	0 15	22 38	0 44	12 20	0 31	17 47	1 43	15 48	16 28	20 52	20 36	2 40	2 13	3 0
M24	19 27	26 5	2 44	18 36	1 49	15 41	1 33	26 33	3 24	21 45	0 16	22 38	0 44	12 20	0 31	17 47	1 43	15 49	16 29	20 52	20 35	2 43	2 13	3 0
T 25	19 13	25 41	3 39	18 1	1 44	15 16	1 33	26 32	3 23	21 43	0 16	22 38	0 44	12 20	0 31	17 47	1 43	15 50	16 29	20 50	20 35	2 47	2 14	3 0
W26	18 58	23 43	4 23	17 24	1 39	14 51	1 33	26 31	3 22	21 41	0 16	22 38	0 44	12 21	0 31	17 47	1 43	15 51	16 30	20 48	20 34	2 50	2 15	2 59
T 27	18 43	20 15	4 52	16 47	1 33	14 26	1 33	26 30	3 21	21 38	0 16	22 37	0 44	12 21	0 31	17 47	1 43	15 51	16 30	20 46	20 33	2 53	2 16	2 59
F 28	18 28	15 31	5 3	16 8	1 26	14 0	1 33	26 29	3 20	21 36	0 16	22 37	0 44	12 21	0 31	17 47	1 43	15 52	16 31	20 44	20 33	2 56	2 17	2 59
S 29	18 12	9 53	4 54	15 28	1 19	13 34	1 32	26 28	3 19	21 34	0 16	22 37	0 44	12 21	0 31	17 47	1 43	15 53	16 31	20 42	20 32	2 59	2 17	2 59
S 30	17 56	3 43	4 27	14 47	1 11	13 7	1 32	26 28	3 18	21 31	0 16	22 37	0 44	12 21	0 31	17 47	1 42	15 54	16 31	20 41	20 32	3 2	2 18	2 59
M31	17s40	2n38	3s42	14s 6	1s 2	12s40	1s31	26n27	3n17	21s29	0s16	22s36	0n44	12s21	0n31	17n47	1s42	15n54	16n32	20n40	20n31	3s 5	2n19	2n58

Julian Day Number = 2350737.5, Delta T = 10.57 sec
Ecliptic obliquity = 23°28'34, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'14, Lahiri = 20°00'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

FEBRUARY 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 28	11♒24'51	29♈35	26♒52	1♓56	20♊56	24♑57	6♑13	3♏55	26°R41	28°R 1	2°R19	1♊33	16♎32	29♓ 1	T 1
W 2	8 45 25	12°25'41	13♉39	28°28	3°11	21° 0	25°11	6°19	3°56	26♉41	28♍ 0	2°D19	1°30	16°38	29° 4	W 2
T 3	8 49 22	13°26'30	27°31	0♓ 0	4°26	21° 4	25°25	6°26	3°56	26°41	27°59	2°R19	1°27	16°45	29° 7	T 3
F 4	8 53 18	14°27'17	11♊12	1°29	5°40	21° 8	25°39	6°32	3°56	26°41	27°58	2♊19	1°24	16°52	29°10	F 4
S 5	8 57 15	15°28'03	24°41	2°54	6°55	21°14	25°52	6°38	3°56	26°40	27°57	2°17	1°20	16°59	29°12	S 5
S 6	9 1 11	16°28'47	7♋59	4°14	8°10	21°20	26° 6	6°44	3°57	26°D40	27°56	2°13	1°17	17° 5	29°15	S 6
M 7	9 5 8	17°29'30	21° 8	5°29	9°24	21°27	26°20	6°50	3°57	26°40	27°55	2° 5	1°14	17°12	29°18	M 7
T 8	9 9 4	18°30'11	4♌ 5	6°38	10°39	21°34	26°33	6°56	3°R57	26°41	27°54	1°55	1°11	17°19	29°21	T 8
W 9	9 13 1	19°30'51	16°51	7°40	11°53	21°42	26°47	7° 1	3°57	26°41	27°52	1°42	1° 8	17°25	29°24	W 9
T 10	9 16 57	20°31'29	29°26	8°34	13° 8	21°51	27° 0	7° 7	3°56	26°41	27°51	1°28	1° 5	17°32	29°27	T 10
F 11	9 20 54	21°32'06	11♍48	9°20	14°22	22° 0	27°14	7°13	3°56	26°41	27°50	1°14	1° 1	17°39	29°30	F 11
S 12	9 24 51	22°32'41	23°58	9°57	15°37	22°10	27°27	7°19	3°56	26°41	27°49	1° 2	0°58	17°45	29°33	S 12
S 13	9 28 47	23°33'15	5♎58	10°25	16°51	22°20	27°41	7°24	3°56	26°41	27°47	0°51	0°55	17°52	29°36	S 13
M14	9 32 44	24°33'48	17°51	10°42	18° 6	22°31	27°54	7°30	3°55	26°41	27°46	0°44	0°52	17°59	29°40	M14
T 15	9 36 40	25°34'19	29°40	10°R50	19°20	22°43	28° 8	7°35	3°55	26°42	27°45	0°39	0°49	18° 5	29°43	T 15
W16	9 40 37	26°34'49	11♏29	10°47	20°34	22°55	28°21	7°41	3°55	26°42	27°44	0°36	0°45	18°12	29°46	W16
T 17	9 44 33	27°35'18	23°23	10°34	21°49	23° 7	28°34	7°46	3°54	26°42	27°42	0°36	0°42	18°19	29°49	T 17
F 18	9 48 30	28°35'46	5♐28	10°11	23° 3	23°20	28°47	7°51	3°54	26°43	27°41	0°36	0°39	18°25	29°52	F 18
S 19	9 52 26	29°36'12	17°50	9°39	24°17	23°34	29° 0	7°57	3°53	26°43	27°39	0°35	0°36	18°32	29°56	S 19
S 20	9 56 23	0♓36'37	0♑33	8°59	25°31	23°48	29°14	8° 2	3°52	26°44	27°38	0°33	0°33	18°39	29°59	S 20
M21	10 0 20	1°37'00	13°42	8°11	26°45	24° 3	29°27	8° 7	3°52	26°44	27°37	0°28	0°30	18°45	0♈ 2	M21
T 22	10 4 16	2°37'22	27°19	7°17	27°59	24°18	29°40	8°12	3°51	26°45	27°35	0°20	0°26	18°52	0° 6	T 22
W23	10 8 13	3°37'42	11♒23	6°18	29°13	24°34	29°52	8°17	3°50	26°45	27°34	0°10	0°23	18°59	0° 9	W23
T 24	10 12 9	4°38'01	25°52	5°16	0♈28	24°50	0♒ 5	8°22	3°49	26°46	27°32	29♉59	0°20	19° 5	0°12	T 24
F 25	10 16 6	5°38'18	10♓39	4°12	1°42	25° 6	0°18	8°27	3°48	26°46	27°31	29°47	0°17	19°12	0°16	F 25
S 26	10 20 2	6°38'33	25°36	3° 8	2°55	25°23	0°31	8°32	3°47	26°47	27°29	29°35	0°14	19°19	0°19	S 26
S 27	10 23 59	7°38'46	10♈33	2° 6	4° 9	25°40	0°44	8°36	3°46	26°48	27°28	29°27	0°10	19°26	0°23	S 27
M28	10 27 55	8°38'57	25°21	1° 7	5°23	25°58	0°56	8°41	3°45	26°48	27°26	29°20	0° 7	19°32	0°26	M28
T 29	10 31 52	9♓39'06	9♉55	0♓11	6♈37	26♊16	1♒ 9	8♑46	3♏44	26♉49	27♍25	29♉17	0♊ 4	19♎39	0♈30	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s23	8n47	2s45	13s23	0s52	12s13	1s31	26n26	3n16	21s27	0s16	22s36	0n44	12s21	0n31	17n47	1s42	15n55	16n32	20n39	20n30	3s 9	2n20	2n58
W 2	17 6	14 25	1 37	12 41	0 41	11 45	1 30	26 25	3 15	21 24	0 17	22 36	0 44	12 22	0 31	17 47	1 42	15 56	16 33	20 39	20 30	3 12	2 21	2 58
T 3	16 49	19 13	0 25	11 58	0 30	11 18	1 30	26 24	3 14	21 22	0 17	22 36	0 44	12 22	0 31	17 47	1 42	15 57	16 33	20 39	20 29	3 15	2 22	2 58
F 4	16 31	22 56	0n47	11 15	0 18	10 49	1 29	26 24	3 13	21 19	0 17	22 35	0 44	12 22	0 31	17 47	1 42	15 58	16 34	20 39	20 28	3 18	2 23	2 58
S 5	16 13	25 18	1 56	10 32	0 5	10 21	1 28	26 23	3 12	21 17	0 17	22 35	0 44	12 22	0 31	17 47	1 42	15 58	16 34	20 39	20 28	3 21	2 24	2 58
S 6	15 55	26 11	2 57	9 51	0n 8	9 52	1 27	26 22	3 11	21 14	0 17	22 35	0 44	12 22	0 31	17 47	1 42	15 59	16 34	20 38	20 27	3 24	2 25	2 57
M 7	15 37	25 34	3 48	9 10	0 22	9 23	1 26	26 22	3 10	21 12	0 17	22 35	0 43	12 22	0 31	17 47	1 42	16 0	16 35	20 37	20 26	3 27	2 26	2 57
T 8	15 18	23 34	4 26	8 31	0 37	8 54	1 25	26 21	3 9	21 9	0 17	22 34	0 43	12 22	0 31	17 47	1 42	16 1	16 35	20 35	20 26	3 30	2 27	2 57
W 9	14 59	20 25	4 50	7 54	0 52	8 25	1 24	26 21	3 8	21 7	0 17	22 34	0 43	12 22	0 31	17 47	1 42	16 2	16 36	20 32	20 25	3 34	2 28	2 57
T 10	14 40	16 22	5 0	7 19	1 8	7 55	1 23	26 20	3 7	21 4	0 17	22 34	0 43	12 22	0 31	17 48	1 42	16 3	16 36	20 29	20 24	3 37	2 29	2 57
F 11	14 21	11 41	4 55	6 47	1 24	7 25	1 22	26 20	3 6	21 2	0 18	22 33	0 43	12 22	0 31	17 48	1 42	16 3	16 36	20 26	20 24	3 40	2 30	2 57
S 12	14 1	6 38	4 37	6 18	1 40	6 55	1 21	26 19	3 5	20 59	0 18	22 33	0 43	12 22	0 31	17 48	1 42	16 4	16 37	20 24	20 23	3 43	2 31	2 56
S 13	13 41	1 24	4 6	5 53	1 56	6 25	1 19	26 19	3 4	20 57	0 18	22 33	0 43	12 21	0 31	17 48	1 42	16 5	16 37	20 22	20 22	3 46	2 32	2 56
M14	13 21	3s51	3 25	5 32	2 12	5 55	1 18	26 18	3 3	20 54	0 18	22 33	0 43	12 21	0 31	17 48	1 42	16 6	16 38	20 20	20 22	3 49	2 33	2 56
T 15	13 1	8 56	2 36	5 15	2 27	5 24	1 16	26 18	3 2	20 52	0 18	22 32	0 43	12 21	0 31	17 48	1 41	16 7	16 38	20 19	20 21	3 52	2 34	2 56
W16	12 40	13 43	1 39	5 2	2 42	4 53	1 15	26 17	3 0	20 49	0 18	22 32	0 43	12 21	0 31	17 48	1 41	16 8	16 38	20 19	20 20	3 55	2 36	2 56
T 17	12 20	18 2	0 38	4 55	2 55	4 23	1 13	26 17	2 59	20 47	0 18	22 32	0 43	12 21	0 31	17 48	1 41	16 8	16 39	20 18	20 20	3 59	2 37	2 56
F 18	11 59	21 40	0s26	4 52	3 8	3 52	1 12	26 16	2 58	20 44	0 18	22 31	0 43	12 21	0 31	17 49	1 41	16 9	16 39	20 18	20 19	4 2	2 38	2 55
S 19	11 38	24 25	1 30	4 54	3 18	3 21	1 10	26 16	2 57	20 41	0 19	22 31	0 43	12 20	0 31	17 49	1 41	16 10	16 39	20 18	20 18	4 5	2 39	2 55
S 20	11 16	26 0	2 31	5 0	3 28	2 50	1 8	26 16	2 56	20 39	0 19	22 31	0 43	12 20	0 31	17 49	1 41	16 11	16 39	20 18	20 18	4 8	2 40	2 55
M21	10 55	26 12	3 27	5 11	3 35	2 18	1 6	26 15	2 55	20 36	0 19	22 31	0 43	12 20	0 31	17 49	1 41	16 12	16 40	20 17	20 17	4 11	2 41	2 55
T 22	10 33	24 51	4 12	5 27	3 40	1 47	1 4	26 15	2 54	20 34	0 19	22 30	0 43	12 20	0 32	17 49	1 41	16 13	16 40	20 15	20 16	4 14	2 43	2 55
W23	10 12	21 57	4 44	5 45	3 43	1 16	1 2	26 14	2 53	20 31	0 19	22 30	0 43	12 19	0 32	17 49	1 41	16 13	16 40	20 13	20 16	4 17	2 44	2 55
T 24	9 50	17 36	4 59	6 7	3 44	0 44	1 0	26 14	2 52	20 28	0 19	22 30	0 43	12 19	0 32	17 50	1 41	16 14	16 41	20 11	20 15	4 21	2 45	2 55
F 25	9 28	12 8	4 55	6 31	3 43	0 13	0 58	26 13	2 50	20 26	0 19	22 29	0 43	12 19	0 32	17 50	1 41	16 15	16 41	20 8	20 14	4 24	2 46	2 54
S 26	9 5	5 53	4 30	6 58	3 39	0n18	0 56	26 13	2 49	20 23	0 19	22 29	0 43	12 18	0 32	17 50	1 41	16 16	16 41	20 6	20 14	4 27	2 47	2 54
S 27	8 43	0n42	3 47	7 25	3 34	0 50	0 54	26 13	2 48	20 21	0 20	22 29	0 43	12 18	0 32	17 50	1 41	16 17	16 41	20 4	20 13	4 30	2 49	2 54
M28	8 20	7 12	2 49	7 53	3 26	1 21	0 52	26 12	2 47	20 18	0 20	22 28	0 43	12 18	0 32	17 50	1 41	16 18	16 42	20 2	20 12	4 33	2 50	2 54
T 29	7s58	13n13	1s41	8s21	3n17	1n53	0s49	26n11	2n46	20s15	0s20	22s28	0n43	12s17	0n32	17n51	1s41	16n18	16n42	20n 2	20n12	4s36	2n51	2n54

Julian Day Number = 2350768.5, Delta T = 10.58 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'18, Lahiri = 20°00'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

MARCH 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 48	10♓39'13	24♉ 9	29°R20	7♈51	26♊35	1♒21	8♑50	3°R43	26♉50	27°R23	29°D16	0♊ 1	19♎46	0♈33	W 1
T 2	10 39 45	11°39'18	8♊ 4	28♒35	9° 4	26°54	1°34	8°55	3♏42	26°51	27♍22	29°R16	29♉58	19°52	0°37	T 2
F 3	10 43 42	12°39'21	21°40	27°56	10°18	27°13	1°46	8°59	3°41	26°52	27°20	29♉16	29°55	19°59	0°40	F 3
S 4	10 47 38	13°39'21	4♋59	27°23	11°32	27°33	1°58	9° 3	3°39	26°53	27°18	29°14	29°51	20° 6	0°44	S 4
S 5	10 51 35	14°39'19	18° 2	26°57	12°45	27°53	2°11	9° 7	3°38	26°53	27°17	29°10	29°48	20°12	0°47	S 5
M 6	10 55 31	15°39'16	0♌52	26°38	13°59	28°14	2°23	9°12	3°37	26°54	27°15	29° 3	29°45	20°19	0°51	M 6
T 7	10 59 28	16°39'09	13°30	26°25	15°12	28°35	2°35	9°16	3°35	26°55	27°14	28°53	29°42	20°26	0°54	T 7
W 8	11 3 24	17°39'01	25°58	26°D19	16°26	28°56	2°47	9°20	3°34	26°56	27°12	28°42	29°39	20°32	0°58	W 8
T 9	11 7 21	18°38'51	8♍16	26°19	17°39	29°17	2°59	9°23	3°32	26°57	27°10	28°29	29°36	20°39	1° 2	T 9
F 10	11 11 17	19°38'39	20°26	26°26	18°52	29°39	3°10	9°27	3°31	26°59	27° 9	28°16	29°32	20°46	1° 5	F 10
S 11	11 15 14	20°38'24	2♎28	26°37	20° 6	0♋ 1	3°22	9°31	3°29	27° 0	27° 7	28° 4	29°29	20°52	1° 9	S 11
S 12	11 19 11	21°38'08	14°23	26°55	21°19	0°23	3°34	9°35	3°27	27° 1	27° 5	27°54	29°26	20°59	1°12	S 12
M13	11 23 7	22°37'50	26°13	27°17	22°32	0°46	3°45	9°38	3°26	27° 2	27° 4	27°47	29°23	21° 6	1°16	M13
T 14	11 27 4	23°37'30	8♏ 1	27°45	23°45	1° 9	3°57	9°42	3°24	27° 3	27° 2	27°42	29°20	21°12	1°20	T 14
W15	11 31 0	24°37'08	19°50	28°17	24°58	1°32	4° 8	9°45	3°22	27° 4	27° 1	27°40	29°16	21°19	1°23	W15
T 16	11 34 57	25°36'44	1♐44	28°53	26°11	1°56	4°20	9°48	3°21	27° 6	26°59	27°D40	29°13	21°26	1°27	T 16
F 17	11 38 53	26°36'19	13°48	29°33	27°24	2°20	4°31	9°52	3°19	27° 7	26°57	27°40	29°10	21°32	1°31	F 17
S 18	11 42 50	27°35'52	26° 7	0♓17	28°36	2°44	4°42	9°55	3°17	27° 8	26°56	27°R41	29° 7	21°39	1°34	S 18
S 19	11 46 46	28°35'23	8♑46	1° 5	29°49	3° 8	4°53	9°58	3°15	27°10	26°54	27°40	29° 4	21°46	1°38	S 19
M20	11 50 43	29°34'53	21°51	1°56	1♉ 2	3°33	5° 4	10° 1	3°13	27°11	26°52	27°38	29° 1	21°52	1°42	M20
T 21	11 54 40	0♈34'20	5♒23	2°50	2°15	3°57	5°15	10° 4	3°11	27°12	26°51	27°33	28°57	21°59	1°45	T 21
W22	11 58 36	1°33'46	19°26	3°47	3°27	4°22	5°26	10° 6	3° 9	27°14	26°49	27°27	28°54	22° 6	1°49	W22
T 23	12 2 33	2°33'10	3♓56	4°47	4°40	4°48	5°36	10° 9	3° 7	27°15	26°47	27°19	28°51	22°12	1°53	T 23
F 24	12 6 29	3°32'32	18°49	5°50	5°52	5°13	5°47	10°12	3° 5	27°17	26°46	27°10	28°48	22°19	1°57	F 24
S 25	12 10 26	4°31'52	3♈58	6°55	7° 5	5°39	5°57	10°14	3° 3	27°18	26°44	27° 2	28°45	22°26	2° 0	S 25
S 26	12 14 22	5°31'10	19°11	8° 2	8°17	6° 5	6° 8	10°17	3° 1	27°20	26°43	26°56	28°42	22°32	2° 4	S 26
M27	12 18 19	6°30'26	4♉18	9°12	9°29	6°31	6°18	10°19	2°58	27°21	26°41	26°51	28°38	22°39	2° 8	M27
T 28	12 22 15	7°29'39	19°11	10°24	10°41	6°58	6°28	10°21	2°56	27°23	26°39	26°49	28°35	22°46	2°11	T 28
W29	12 26 12	8°28'51	3♊43	11°38	11°53	7°24	6°38	10°23	2°54	27°24	26°38	26°D49	28°32	22°52	2°15	W29
T 30	12 30 9	9°28'00	17°51	12°54	13° 5	7°51	6°48	10°25	2°52	27°26	26°36	26°50	28°29	22°59	2°19	T 30
F 31	12 34 5	10♈27'07	1♋34	14♓12	14♉17	8♋18	6♒58	10♑27	2♏49	27♉28	26♍34	26♉51	28♉26	23♎ 6	2♈22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s35	18n24	0s27	8s48	3n 7	2n24	0s47	26n11	2n45	20s13	0s20	22s28	0n43	12s17	0n32	17n51	1s41	16n19	16n42	20n 1	20n11	4s39	2n53	2n54
T 2	7 12	22 27	0n46	9 15	2 55	2 55	0 45	26 10	2 44	20 10	0 20	22 28	0 43	12 16	0 32	17 51	1 40	16 20	16 42	20 1	20 10	4 42	2 54	2 54
F 3	6 49	25 8	1 56	9 40	2 43	3 26	0 42	26 10	2 43	20 8	0 20	22 27	0 43	12 16	0 32	17 51	1 40	16 21	16 42	20 1	20 10	4 46	2 55	2 54
S 4	6 26	26 20	2 57	10 3	2 30	3 58	0 40	26 9	2 42	20 5	0 20	22 27	0 43	12 16	0 32	17 52	1 40	16 22	16 43	20 1	20 9	4 49	2 56	2 53
S 5	6 3	26 1	3 48	10 25	2 16	4 29	0 37	26 8	2 41	20 2	0 20	22 27	0 43	12 15	0 32	17 52	1 40	16 22	16 43	20 0	20 8	4 52	2 58	2 53
M 6	5 40	24 19	4 26	10 45	2 2	5 0	0 34	26 8	2 40	20 0	0 21	22 27	0 43	12 15	0 32	17 52	1 40	16 23	16 43	19 59	20 8	4 55	2 59	2 53
T 7	5 17	21 26	4 51	11 3	1 47	5 31	0 32	26 7	2 39	19 57	0 21	22 26	0 43	12 14	0 32	17 53	1 40	16 24	16 43	19 57	20 7	4 58	3 0	2 53
W 8	4 53	17 36	5 1	11 18	1 33	6 1	0 29	26 6	2 38	19 54	0 21	22 26	0 43	12 14	0 32	17 53	1 40	16 25	16 43	19 54	20 6	5 1	3 2	2 53
T 9	4 30	13 4	4 57	11 32	1 19	6 32	0 26	26 5	2 37	19 52	0 21	22 26	0 43	12 13	0 32	17 53	1 40	16 25	16 43	19 51	20 6	5 4	3 3	2 53
F 10	4 6	8 4	4 39	11 43	1 5	7 2	0 24	26 4	2 36	19 49	0 21	22 25	0 43	12 12	0 32	17 53	1 40	16 26	16 44	19 48	20 5	5 8	3 4	2 53
S 11	3 43	2 50	4 10	11 52	0 51	7 33	0 21	26 3	2 35	19 47	0 21	22 25	0 43	12 12	0 32	17 54	1 40	16 27	16 44	19 46	20 4	5 11	3 6	2 53
S 12	3 19	2s28	3 29	11 59	0 37	8 3	0 18	26 2	2 34	19 44	0 21	22 25	0 43	12 11	0 32	17 54	1 40	16 28	16 44	19 43	20 4	5 14	3 7	2 53
M13	2 56	7 40	2 39	12 4	0 24	8 33	0 15	26 1	2 33	19 41	0 22	22 25	0 43	12 11	0 32	17 54	1 40	16 28	16 44	19 42	20 3	5 17	3 9	2 53
T 14	2 32	12 35	1 43	12 6	0 11	9 3	0 12	26 0	2 32	19 39	0 22	22 24	0 43	12 10	0 32	17 55	1 40	16 29	16 44	19 41	20 2	5 20	3 10	2 52
W15	2 8	17 3	0 42	12 7	0s 2	9 32	0 9	25 59	2 31	19 36	0 22	22 24	0 43	12 10	0 32	17 55	1 40	16 30	16 44	19 40	20 2	5 23	3 11	2 52
T 16	1 45	20 54	0s22	12 6	0 14	10 2	0 6	25 57	2 30	19 34	0 22	22 24	0 43	12 9	0 32	17 55	1 40	16 31	16 44	19 40	20 1	5 26	3 13	2 52
F 17	1 21	23 54	1 25	12 2	0 25	10 31	0 3	25 56	2 29	19 31	0 22	22 24	0 43	12 8	0 32	17 56	1 40	16 31	16 44	19 40	20 0	5 29	3 14	2 52
S 18	0 57	25 51	2 26	11 57	0 36	11 0	0 0	25 54	2 28	19 29	0 22	22 24	0 43	12 8	0 32	17 56	1 40	16 32	16 44	19 40	20 0	5 33	3 15	2 52
S 19	0 34	26 32	3 22	11 50	0 47	11 28	0n 3	25 53	2 27	19 26	0 22	22 23	0 43	12 7	0 32	17 56	1 40	16 33	16 44	19 40	19 59	5 36	3 17	2 52
M20	0 10	25 47	4 9	11 41	0 57	11 57	0 6	25 51	2 26	19 24	0 23	22 23	0 43	12 6	0 32	17 57	1 39	16 33	16 44	19 40	19 58	5 39	3 18	2 52
T 21	0n14	23 32	4 43	11 31	1 6	12 25	0 9	25 50	2 25	19 21	0 23	22 23	0 43	12 6	0 32	17 57	1 39	16 34	16 44	19 39	19 57	5 42	3 20	2 52
W22	0 37	19 48	5 3	11 18	1 15	12 53	0 12	25 48	2 24	19 19	0 23	22 23	0 43	12 5	0 32	17 57	1 39	16 35	16 44	19 37	19 57	5 45	3 21	2 52
T 23	1 1	14 47	5 4	11 4	1 24	13 20	0 15	25 46	2 23	19 16	0 23	22 22	0 43	12 4	0 32	17 58	1 39	16 35	16 44	19 35	19 56	5 48	3 22	2 52
F 24	1 25	8 47	4 44	10 49	1 32	13 47	0 18	25 44	2 22	19 14	0 23	22 22	0 43	12 4	0 32	17 58	1 39	16 36	16 44	19 33	19 55	5 51	3 24	2 52
S 25	1 48	2 10	4 5	10 32	1 39	14 14	0 22	25 42	2 21	19 11	0 23	22 22	0 43	12 3	0 32	17 59	1 39	16 37	16 44	19 32	19 55	5 54	3 25	2 52
S 26	2 12	4n37	3 8	10 13	1 46	14 41	0 25	25 40	2 20	19 9	0 24	22 22	0 43	12 2	0 32	17 59	1 39	16 37	16 44	19 30	19 54	5 58	3 27	2 52
M27	2 35	11 7	1 58	9 53	1 53	15 7	0 28	25 38	2 19	19 7	0 24	22 22	0 43	12 1	0 32	17 59	1 39	16 38	16 44	19 29	19 53	6 1	3 28	2 52
T 28	2 59	16 53	0 41	9 31	1 59	15 33	0 31	25 35	2 18	19 4	0 24	22 22	0 43	12 1	0 32	18 0	1 39	16 38	16 44	19 29	19 53	6 4	3 30	2 51
W29	3 22	21 32	0n37	9 8	2 4	15 58	0 34	25 33	2 17	19 2	0 24	22 21	0 43	12 0	0 32	18 0	1 39	16 39	16 44	19 29	19 52	6 7	3 31	2 51
T 30	3 45	24 46	1 51	8 43	2 9	16 23	0 37	25 31	2 16	19 0	0 24	22 21	0 43	11 59	0 32	18 1	1 39	16 40	16 44	19 29	19 51	6 10	3 32	2 51
F 31	4n 9	26n24	2n56	8s17	2s14	16n48	0n41	25n28	2n15	18s57	0s24	22s21	0n43	11s58	0n32	18n 1	1s39	16n40	16n44	19n29	19n50	6s13	3n34	2n51

Julian Day Number = 2350797.5, Delta T = 10.58 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'22, Lahiri = 20°00'23Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1724
geocentric

APRIL 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 2	11♈26'11	14♋54	15♓32	15♉29	8♋45	7♒ 8	10♑29	2°R47	27♉29	26°R33	26°R52	28♉22	23♎12	2♈26	S 1
S 2	12 41 58	12°25'13	27°54	16°54	16°41	9°13	7°17	10°31	2♏45	27°31	26♍31	26♉50	28°19	23°19	2°29	S 2
M 3	12 45 55	13°24'13	10♌35	18°17	17°53	9°40	7°27	10°33	2°42	27°33	26°30	26°47	28°16	23°26	2°33	M 3
T 4	12 49 51	14°23'10	23° 2	19°43	19° 4	10° 8	7°36	10°34	2°40	27°34	26°28	26°42	28°13	23°32	2°37	T 4
W 5	12 53 48	15°22'06	5♍18	21°10	20°16	10°36	7°45	10°36	2°38	27°36	26°27	26°36	28°10	23°39	2°40	W 5
T 6	12 57 44	16°20'58	17°24	22°38	21°27	11° 4	7°54	10°37	2°35	27°38	26°25	26°28	28° 7	23°46	2°44	T 6
F 7	13 1 41	17°19'49	29°23	24° 9	22°39	11°33	8° 3	10°38	2°33	27°40	26°24	26°21	28° 3	23°52	2°48	F 7
S 8	13 5 38	18°18'38	11♎17	25°41	23°50	12° 1	8°12	10°40	2°31	27°41	26°22	26°14	28° 0	23°59	2°51	S 8
S 9	13 9 34	19°17'24	23° 8	27°14	25° 1	12°30	8°21	10°41	2°28	27°43	26°21	26° 8	27°57	24° 6	2°55	S 9
M10	13 13 31	20°16'09	4♏56	28°49	26°12	12°58	8°29	10°42	2°26	27°45	26°19	26° 4	27°54	24°12	2°58	M10
T 11	13 17 27	21°14'52	16°46	0♈26	27°23	13°27	8°38	10°43	2°23	27°47	26°18	26° 2	27°51	24°19	3° 2	T 11
W12	13 21 24	22°13'32	28°38	2° 5	28°34	13°56	8°46	10°43	2°21	27°49	26°16	26°D 2	27°47	24°26	3° 5	W12
T 13	13 25 20	23°12'12	10♐36	3°45	29°45	14°26	8°54	10°44	2°18	27°51	26°15	26° 3	27°44	24°32	3° 9	T 13
F 14	13 29 17	24°10'49	22°44	5°27	0♊56	14°55	9° 2	10°45	2°16	27°53	26°13	26° 4	27°41	24°39	3°12	F 14
S 15	13 33 13	25° 9'25	5♑ 5	7°10	2° 7	15°24	9°10	10°45	2°13	27°55	26°12	26° 6	27°38	24°46	3°16	S 15
S 16	13 37 10	26° 7'59	17°44	8°55	3°17	15°54	9°18	10°45	2°11	27°57	26°11	26° 7	27°35	24°52	3°19	S 16
M17	13 41 7	27° 6'31	0♒45	10°42	4°28	16°24	9°26	10°46	2° 8	27°59	26° 9	26°R 8	27°32	24°59	3°23	M17
T 18	13 45 3	28° 5'02	14°11	12°30	5°38	16°54	9°33	10°46	2° 6	28° 1	26° 8	26° 7	27°28	25° 6	3°26	T 18
W19	13 49 0	29° 3'31	28° 4	14°20	6°48	17°24	9°41	10°46	2° 3	28° 3	26° 7	26° 4	27°25	25°12	3°30	W19
T 20	13 52 56	0♉ 1'58	12♓24	16°11	7°59	17°54	9°48	10°R46	2° 0	28° 5	26° 5	26° 1	27°22	25°19	3°33	T 20
F 21	13 56 53	1° 0'24	27° 8	18° 5	9° 9	18°24	9°55	10°46	1°58	28° 7	26° 4	25°58	27°19	25°26	3°36	F 21
S 22	14 0 49	1°58'48	12♈11	19°59	10°19	18°55	10° 2	10°46	1°55	28° 9	26° 3	25°55	27°16	25°32	3°40	S 22
S 23	14 4 46	2°57'10	27°23	21°56	11°29	19°25	10° 9	10°46	1°53	28°11	26° 1	25°52	27°13	25°39	3°43	S 23
M24	14 8 42	3°55'31	12♉35	23°54	12°38	19°56	10°15	10°45	1°50	28°13	26° 0	25°51	27° 9	25°46	3°46	M24
T 25	14 12 39	4°53'50	27°37	25°54	13°48	20°27	10°22	10°45	1°48	28°15	25°59	25°D50	27° 6	25°52	3°50	T 25
W26	14 16 36	5°52'06	12♊22	27°55	14°58	20°58	10°28	10°44	1°45	28°17	25°58	25°51	27° 3	25°59	3°53	W26
T 27	14 20 32	6°50'21	26°43	29°58	16° 7	21°29	10°34	10°43	1°43	28°19	25°57	25°52	27° 0	26° 6	3°56	T 27
F 28	14 24 29	7°48'34	10♋37	2♉ 3	17°16	22° 0	10°40	10°43	1°40	28°21	25°55	25°53	26°57	26°12	3°59	F 28
S 29	14 28 25	8°46'45	24° 6	4° 8	18°26	22°31	10°46	10°42	1°38	28°23	25°54	25°54	26°53	26°19	4° 2	S 29
S 30	14 32 22	9♉44'54	7♌ 9	6♉15	19♊35	23♋ 3	10♒52	10♑41	1♏35	28♉26	25♍53	25°R55	26♉50	26♎26	4♈ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n32	26n27	3n50	7s50	2s18	17n12	0n44	25n25	2n14	18s55	0s25	22s21	0n43	11s57	0n32	18n 1	1s39	16n41	16n44	19n29	19n50	6s16	3n35	2n51
S 2	4 55	25 2	4 31	7 21	2 21	17 36	0 47	25 23	2 13	18 53	0 25	22 21	0 43	11 57	0 32	18 2	1 39	16 41	16 44	19 29	19 49	6 20	3 37	2 51
M 3	5 18	22 22	4 57	6 51	2 24	17 59	0 50	25 20	2 13	18 50	0 25	22 21	0 43	11 56	0 32	18 2	1 39	16 42	16 44	19 28	19 48	6 23	3 38	2 51
T 4	5 41	18 43	5 8	6 20	2 27	18 22	0 53	25 17	2 12	18 48	0 25	22 21	0 43	11 55	0 32	18 3	1 39	16 42	16 44	19 27	19 48	6 26	3 39	2 51
W 5	6 4	14 19	5 6	5 47	2 29	18 45	0 57	25 14	2 11	18 46	0 25	22 20	0 43	11 54	0 32	18 3	1 39	16 43	16 43	19 25	19 47	6 29	3 41	2 51
T 6	6 26	9 25	4 49	5 14	2 30	19 7	1 0	25 10	2 10	18 44	0 25	22 20	0 43	11 53	0 32	18 4	1 39	16 43	16 43	19 24	19 46	6 32	3 42	2 51
F 7	6 49	4 13	4 20	4 39	2 31	19 28	1 3	25 7	2 9	18 42	0 26	22 20	0 43	11 53	0 32	18 4	1 39	16 44	16 43	19 22	19 45	6 35	3 44	2 51
S 8	7 11	1s 6	3 39	4 2	2 32	19 50	1 6	25 4	2 8	18 39	0 26	22 20	0 43	11 52	0 32	18 4	1 39	16 44	16 43	19 20	19 45	6 38	3 45	2 51
S 9	7 34	6 22	2 50	3 25	2 32	20 10	1 9	25 0	2 7	18 37	0 26	22 20	0 43	11 51	0 32	18 5	1 39	16 45	16 43	19 19	19 44	6 41	3 46	2 51
M10	7 56	11 25	1 53	2 47	2 31	20 30	1 12	24 56	2 6	18 35	0 26	22 20	0 43	11 50	0 32	18 5	1 39	16 45	16 43	19 18	19 43	6 44	3 48	2 51
T 11	8 18	16 4	0 50	2 7	2 30	20 50	1 15	24 53	2 6	18 33	0 26	22 20	0 43	11 49	0 32	18 6	1 38	16 46	16 42	19 18	19 43	6 48	3 49	2 51
W12	8 40	20 7	0s14	1 26	2 28	21 9	1 18	24 49	2 5	18 31	0 26	22 20	0 43	11 48	0 32	18 6	1 38	16 46	16 42	19 18	19 42	6 51	3 51	2 51
T 13	9 2	23 22	1 19	0 45	2 26	21 27	1 21	24 45	2 4	18 29	0 27	22 20	0 43	11 47	0 32	18 7	1 38	16 46	16 42	19 18	19 41	6 54	3 52	2 51
F 14	9 23	25 37	2 21	0 2	2 24	21 45	1 24	24 41	2 3	18 27	0 27	22 20	0 43	11 47	0 32	18 7	1 38	16 47	16 42	19 18	19 40	6 57	3 53	2 51
S 15	9 45	26 40	3 18	0n42	2 20	22 2	1 27	24 37	2 2	18 25	0 27	22 20	0 43	11 46	0 32	18 8	1 38	16 47	16 42	19 19	19 40	7 0	3 55	2 51
S 16	10 6	26 22	4 6	1 27	2 17	22 19	1 30	24 32	2 1	18 24	0 27	22 20	0 43	11 45	0 32	18 8	1 38	16 47	16 41	19 19	19 39	7 3	3 56	2 51
M17	10 28	24 38	4 44	2 12	2 13	22 35	1 33	24 28	2 1	18 22	0 27	22 20	0 43	11 44	0 32	18 9	1 38	16 48	16 41	19 19	19 38	7 6	3 57	2 51
T 18	10 49	21 30	5 7	2 59	2 8	22 51	1 36	24 23	2 0	18 20	0 28	22 20	0 43	11 43	0 32	18 9	1 38	16 48	16 41	19 19	19 38	7 9	3 59	2 51
W19	11 9	17 4	5 14	3 46	2 3	23 6	1 39	24 19	1 59	18 18	0 28	22 20	0 43	11 42	0 32	18 10	1 38	16 48	16 41	19 18	19 37	7 13	4 0	2 51
T 20	11 30	11 33	5 1	4 35	1 57	23 20	1 41	24 14	1 58	18 16	0 28	22 20	0 43	11 41	0 32	18 10	1 38	16 49	16 40	19 17	19 36	7 16	4 2	2 51
F 21	11 51	5 15	4 29	5 24	1 51	23 34	1 44	24 9	1 57	18 15	0 28	22 20	0 43	11 41	0 32	18 11	1 38	16 49	16 40	19 17	19 35	7 19	4 3	2 51
S 22	12 11	1n29	3 38	6 13	1 44	23 47	1 47	24 4	1 57	18 13	0 28	22 20	0 43	11 40	0 32	18 11	1 38	16 49	16 40	19 16	19 35	7 22	4 4	2 51
S 23	12 31	8 13	2 30	7 4	1 37	24 0	1 49	23 59	1 56	18 11	0 29	22 20	0 43	11 39	0 32	18 12	1 38	16 49	16 40	19 15	19 34	7 25	4 6	2 51
M24	12 51	14 29	1 12	7 54	1 29	24 12	1 52	23 53	1 55	18 10	0 29	22 20	0 43	11 38	0 32	18 12	1 38	16 50	16 39	19 15	19 33	7 28	4 7	2 51
T 25	13 10	19 49	0n10	8 46	1 21	24 23	1 54	23 48	1 54	18 8	0 29	22 20	0 43	11 37	0 32	18 12	1 38	16 50	16 39	19 15	19 33	7 31	4 8	2 51
W26	13 30	23 48	1 30	9 37	1 13	24 34	1 57	23 42	1 53	18 7	0 29	22 20	0 43	11 36	0 32	18 13	1 38	16 50	16 39	19 15	19 32	7 34	4 9	2 51
T 27	13 49	26 8	2 42	10 29	1 4	24 44	1 59	23 37	1 53	18 5	0 29	22 20	0 43	11 35	0 32	18 13	1 38	16 50	16 38	19 15	19 31	7 37	4 11	2 51
F 28	14 8	26 45	3 43	11 21	0 54	24 53	2 2	23 31	1 52	18 4	0 30	22 20	0 43	11 34	0 32	18 14	1 38	16 50	16 38	19 15	19 30	7 41	4 12	2 51
S 29	14 27	25 44	4 29	12 13	0 45	25 2	2 4	23 25	1 51	18 2	0 30	22 20	0 43	11 34	0 32	18 14	1 38	16 51	16 38	19 16	19 30	7 44	4 13	2 51
S 30	14n45	23n20	5n 0	13n 5	0s35	25n10	2n 6	23n19	1n50	18s 1	0s30	22s20	0n43	11s33	0n32	18n15	1s38	16n51	16n37	19n16	19n29	7s47	4n15	2n51

Julian Day Number = 2350828.5, Delta T = 10.59 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'27, Lahiri = 20°00'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

MAY 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 18	10♉43'01	19♌51	8♉23	20♊44	23♋34	10♒57	10°R40	1°R32	28♉28	25°R52	25°R54	26♉47	26♎32	4♈ 9	M 1
T 2	14 40 15	11°41'06	2♍15	10°32	21°52	24° 6	11° 2	10♑39	1♏30	28°30	25♍51	25♉54	26°44	26°39	4°12	T 2
W 3	14 44 11	12°39'09	14°25	12°42	23° 1	24°37	11° 8	10°37	1°27	28°32	25°50	25°52	26°41	26°46	4°15	W 3
T 4	14 48 8	13°37'10	26°25	14°52	24°10	25° 9	11°13	10°36	1°25	28°34	25°49	25°50	26°38	26°52	4°18	T 4
F 5	14 52 5	14°35'09	8♎18	17° 2	25°18	25°41	11°18	10°35	1°23	28°36	25°48	25°49	26°34	26°59	4°21	F 5
S 6	14 56 1	15°33'06	20° 7	19°13	26°26	26°13	11°22	10°33	1°20	28°39	25°47	25°47	26°31	27° 6	4°24	S 6
S 7	14 59 58	16°31'02	1♏56	21°23	27°34	26°45	11°27	10°31	1°18	28°41	25°46	25°46	26°28	27°12	4°27	S 7
M 8	15 3 54	17°28'56	13°46	23°32	28°42	27°17	11°31	10°30	1°15	28°43	25°46	25°45	26°25	27°19	4°30	M 8
T 9	15 7 51	18°26'49	25°40	25°41	29°50	27°50	11°35	10°28	1°13	28°45	25°45	25°D45	26°22	27°26	4°32	T 9
W10	15 11 47	19°24'40	7♐40	27°49	0♋58	28°22	11°39	10°26	1°10	28°48	25°44	25°45	26°19	27°32	4°35	W10
T 11	15 15 44	20°22'30	19°48	29°55	2° 5	28°54	11°43	10°24	1° 8	28°50	25°43	25°46	26°15	27°39	4°38	T 11
F 12	15 19 40	21°20'18	2♑ 7	2♊ 0	3°13	29°27	11°47	10°22	1° 6	28°52	25°42	25°46	26°12	27°46	4°41	F 12
S 13	15 23 37	22°18'05	14°38	4° 3	4°20	29°59	11°50	10°20	1° 3	28°54	25°42	25°47	26° 9	27°52	4°44	S 13
S 14	15 27 34	23°15'51	27°24	6° 3	5°27	0♌32	11°53	10°18	1° 1	28°56	25°41	25°47	26° 6	27°59	4°46	S 14
M15	15 31 30	24°13'36	10♒28	8° 2	6°34	1° 5	11°57	10°15	0°59	28°59	25°40	25°47	26° 3	28° 6	4°49	M15
T 16	15 35 27	25°11'20	23°52	9°58	7°40	1°38	11°59	10°13	0°57	29° 1	25°39	25°47	25°59	28°12	4°52	T 16
W17	15 39 23	26° 9'02	7♓38	11°51	8°47	2°11	12° 2	10°11	0°54	29° 3	25°39	25°47	25°56	28°19	4°54	W17
T 18	15 43 20	27° 6'44	21°45	13°42	9°53	2°44	12° 5	10° 8	0°52	29° 5	25°38	25°47	25°53	28°26	4°57	T 18
F 19	15 47 16	28° 4'24	6♈13	15°30	11° 0	3°17	12° 7	10° 5	0°50	29° 8	25°38	25°47	25°50	28°32	4°59	F 19
S 20	15 51 13	29° 2'04	20°57	17°15	12° 5	3°50	12° 9	10° 3	0°48	29°10	25°37	25°48	25°47	28°39	5° 2	S 20
S 21	15 55 9	29°59'42	5♉54	18°57	13°11	4°23	12°11	10° 0	0°46	29°12	25°37	25°48	25°44	28°46	5° 4	S 21
M22	15 59 6	0♊57'20	20°54	20°36	14°17	4°57	12°13	9°57	0°44	29°14	25°36	25°R48	25°40	28°52	5° 7	M22
T 23	16 3 3	1°54'56	5♊50	22°12	15°22	5°30	12°15	9°54	0°41	29°17	25°36	25°48	25°37	28°59	5° 9	T 23
W24	16 6 59	2°52'31	20°33	23°44	16°27	6° 3	12°16	9°51	0°39	29°19	25°35	25°48	25°34	29° 6	5°11	W24
T 25	16 10 56	3°50'05	4♋58	25°14	17°32	6°37	12°17	9°48	0°37	29°21	25°35	25°47	25°31	29°12	5°14	T 25
F 26	16 14 52	4°47'38	18°59	26°41	18°37	7°11	12°19	9°45	0°35	29°23	25°35	25°46	25°28	29°19	5°16	F 26
S 27	16 18 49	5°45'09	2♌34	28° 4	19°42	7°44	12°19	9°42	0°34	29°26	25°34	25°45	25°25	29°26	5°18	S 27
S 28	16 22 45	6°42'40	15°43	29°25	20°46	8°18	12°20	9°38	0°32	29°28	25°34	25°44	25°21	29°32	5°20	S 28
M29	16 26 42	7°40'08	28°29	0♋42	21°50	8°52	12°21	9°35	0°30	29°30	25°34	25°43	25°18	29°39	5°22	M29
T 30	16 30 38	8°37'36	10♍55	1°55	22°54	9°26	12°21	9°32	0°28	29°32	25°33	25°D43	25°15	29°46	5°24	T 30
W31	16 34 35	9♊35'02	23♍ 5	3♋ 5	23♋57	10♌ 0	12°R21	9♑28	0♏26	29♉35	25♍33	25♉43	25♉12	29♎52	5♈26	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 4	19n51	5n14	13n56	0s25	25n17	2n 8	23n13	1n50	18s 0	0s30	22s20	0n43	11s32	0n32	18n15	1s38	16n51	16n37	19n16	19n28	7s50	4n16	2n51
T 2	15 22	15 34	5 14	14 47	0 14	25 24	2 10	23 7	1 49	17 58	0 30	22 20	0 43	11 31	0 32	18 16	1 38	16 51	16 37	19 16	19 27	7 53	4 17	2 51
W 3	15 40	10 45	5 0	15 37	0 4	25 30	2 12	23 0	1 48	17 57	0 31	22 21	0 43	11 30	0 32	18 16	1 38	16 51	16 36	19 15	19 27	7 56	4 18	2 51
T 4	15 57	5 36	4 33	16 26	0n 7	25 35	2 14	22 54	1 47	17 56	0 31	22 21	0 43	11 29	0 32	18 17	1 38	16 51	16 36	19 15	19 26	7 59	4 20	2 51
F 5	16 14	0 17	3 54	17 14	0 17	25 39	2 16	22 47	1 46	17 55	0 31	22 21	0 43	11 28	0 32	18 17	1 38	16 51	16 36	19 14	19 25	8 2	4 21	2 51
S 6	16 31	5s 1	3 5	18 0	0 28	25 43	2 18	22 40	1 46	17 54	0 31	22 21	0 43	11 28	0 32	18 18	1 38	16 51	16 35	19 14	19 24	8 5	4 22	2 51
S 7	16 48	10 9	2 8	18 45	0 38	25 47	2 19	22 33	1 45	17 53	0 31	22 21	0 43	11 27	0 32	18 18	1 38	16 51	16 35	19 14	19 24	8 9	4 23	2 51
M 8	17 5	14 57	1 6	19 28	0 48	25 49	2 21	22 26	1 44	17 52	0 32	22 21	0 43	11 26	0 32	18 19	1 38	16 51	16 35	19 14	19 23	8 12	4 24	2 51
T 9	17 21	19 12	0 0	20 9	0 58	25 51	2 23	22 19	1 43	17 51	0 32	22 21	0 42	11 25	0 32	18 19	1 38	16 51	16 34	19 14	19 22	8 15	4 26	2 51
W10	17 37	22 42	1s 6	20 48	1 8	25 52	2 24	22 12	1 43	17 50	0 32	22 22	0 42	11 24	0 32	18 20	1 38	16 51	16 34	19 14	19 21	8 18	4 27	2 51
T 11	17 52	25 14	2 10	21 25	1 17	25 53	2 25	22 4	1 42	17 49	0 32	22 22	0 42	11 23	0 32	18 20	1 38	16 51	16 33	19 14	19 21	8 21	4 28	2 51
F 12	18 7	26 36	3 8	21 59	1 25	25 53	2 27	21 57	1 41	17 48	0 32	22 22	0 42	11 23	0 32	18 21	1 38	16 51	16 33	19 14	19 20	8 24	4 29	2 51
S 13	18 22	26 38	3 59	22 31	1 33	25 52	2 28	21 49	1 41	17 47	0 33	22 22	0 42	11 22	0 32	18 21	1 38	16 51	16 33	19 14	19 19	8 27	4 30	2 51
S 14	18 37	25 17	4 40	23 0	1 41	25 50	2 29	21 42	1 40	17 47	0 33	22 22	0 42	11 21	0 32	18 22	1 38	16 51	16 32	19 14	19 18	8 30	4 31	2 51
M15	18 51	22 33	5 6	23 27	1 48	25 48	2 30	21 34	1 39	17 46	0 33	22 23	0 42	11 20	0 32	18 22	1 38	16 51	16 32	19 14	19 18	8 33	4 32	2 52
T 16	19 5	18 34	5 17	23 51	1 54	25 45	2 31	21 26	1 38	17 45	0 33	22 23	0 42	11 20	0 32	18 23	1 38	16 51	16 31	19 14	19 17	8 36	4 34	2 52
W17	19 19	13 31	5 11	24 13	1 59	25 42	2 31	21 17	1 38	17 45	0 34	22 23	0 42	11 19	0 32	18 23	1 38	16 51	16 31	19 14	19 16	8 40	4 35	2 52
T 18	19 33	7 39	4 46	24 32	2 4	25 38	2 32	21 9	1 37	17 44	0 34	22 23	0 42	11 18	0 32	18 24	1 38	16 50	16 30	19 14	19 15	8 43	4 36	2 52
F 19	19 46	1 14	4 2	24 48	2 8	25 33	2 32	21 1	1 36	17 44	0 34	22 23	0 42	11 17	0 32	18 24	1 38	16 50	16 30	19 14	19 15	8 46	4 37	2 52
S 20	19 58	5n23	3 2	25 2	2 11	25 28	2 33	20 52	1 36	17 43	0 34	22 24	0 42	11 17	0 32	18 25	1 38	16 50	16 30	19 14	19 14	8 49	4 38	2 52
S 21	20 11	11 48	1 48	25 14	2 13	25 22	2 33	20 44	1 35	17 43	0 34	22 24	0 42	11 16	0 31	18 25	1 38	16 50	16 29	19 14	19 13	8 52	4 39	2 52
M22	20 23	17 34	0 27	25 23	2 15	25 15	2 33	20 35	1 34	17 43	0 35	22 24	0 42	11 15	0 31	18 26	1 38	16 50	16 29	19 14	19 12	8 55	4 40	2 52
T 23	20 35	22 13	0n55	25 30	2 15	25 8	2 33	20 26	1 33	17 43	0 35	22 24	0 42	11 14	0 31	18 26	1 38	16 49	16 28	19 14	19 12	8 58	4 41	2 52
W24	20 46	25 21	2 13	25 35	2 15	25 0	2 33	20 17	1 33	17 42	0 35	22 25	0 42	11 14	0 31	18 27	1 38	16 49	16 28	19 14	19 11	9 1	4 42	2 52
T 25	20 57	26 44	3 21	25 37	2 14	24 51	2 33	20 8	1 32	17 42	0 35	22 25	0 42	11 13	0 31	18 27	1 38	16 49	16 27	19 14	19 10	9 4	4 43	2 52
F 26	21 8	26 19	4 14	25 38	2 12	24 42	2 33	19 59	1 31	17 42	0 36	22 25	0 42	11 12	0 31	18 28	1 38	16 49	16 27	19 14	19 9	9 7	4 44	2 52
S 27	21 18	24 21	4 51	25 37	2 10	24 33	2 33	19 49	1 31	17 42	0 36	22 25	0 42	11 12	0 31	18 28	1 38	16 48	16 26	19 14	19 9	9 10	4 45	2 52
S 28	21 28	21 6	5 12	25 35	2 6	24 22	2 32	19 40	1 30	17 42	0 36	22 26	0 42	11 11	0 31	18 29	1 38	16 48	16 26	19 13	19 8	9 14	4 46	2 52
M29	21 37	16 57	5 17	25 31	2 2	24 12	2 31	19 30	1 29	17 42	0 36	22 26	0 42	11 11	0 31	18 29	1 38	16 48	16 26	19 13	19 7	9 17	4 46	2 52
T 30	21 47	12 12	5 6	25 25	1 57	24 0	2 31	19 21	1 29	17 42	0 37	22 26	0 42	11 10	0 31	18 30	1 38	16 47	16 25	19 13	19 6	9 20	4 47	2 52
W31	21n55	7n 4	4n42	25n18	1n51	23n48	2n30	19n11	1n28	17s43	0s37	22s27	0n42	11s 9	0n31	18n30	1s38	16n47	16n25	19n13	19n 6	9s23	4n48	2n53

Julian Day Number = 2350858.5, Delta T = 10.59 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'31, Lahiri = 20°00'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

JUNE 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 32	10♊32'27	5♎ 3	4♋12	25♋ 1	10♌34	12°R21	9°R25	0°R24	29♉37	25°R33	25♉44	25♉ 9	29♎59	5♈28	T 1
F 2	16 42 28	11°29'50	16°54	5°15	26° 4	11° 8	12♒21	9♑21	0♏23	29°39	25♍33	25°46	25° 5	0♏ 6	5°30	F 2
S 3	16 46 25	12°27'13	28°42	6°15	27° 7	11°42	12°20	9°17	0°21	29°41	25°33	25°47	25° 2	0°12	5°32	S 3
S 4	16 50 21	13°24'35	10♏32	7°11	28° 9	12°17	12°19	9°14	0°19	29°43	25°33	25°48	24°59	0°19	5°34	S 4
M 5	16 54 18	14°21'55	22°26	8° 4	29°11	12°51	12°19	9°10	0°18	29°46	25°D33	25°R49	24°56	0°26	5°36	M 5
T 6	16 58 14	15°19'15	4♐28	8°52	0♌13	13°25	12°17	9° 6	0°16	29°48	25°33	25°49	24°53	0°32	5°38	T 6
W 7	17 2 11	16°16'34	16°39	9°37	1°15	14° 0	12°16	9° 2	0°15	29°50	25°33	25°47	24°50	0°39	5°39	W 7
T 8	17 6 7	17°13'53	29° 1	10°18	2°16	14°34	12°15	8°59	0°13	29°52	25°33	25°45	24°46	0°46	5°41	T 8
F 9	17 10 4	18°11'10	11♑37	10°54	3°17	15° 9	12°13	8°55	0°12	29°54	25°33	25°42	24°43	0°52	5°42	F 9
S 10	17 14 1	19° 8'28	24°25	11°27	4°17	15°44	12°11	8°51	0°10	29°56	25°33	25°39	24°40	0°59	5°44	S 10
S 11	17 17 57	20° 5'44	7♒27	11°55	5°18	16°18	12° 9	8°47	0° 9	29°59	25°33	25°35	24°37	1° 6	5°46	S 11
M12	17 21 54	21° 3'01	20°44	12°19	6°17	16°53	12° 7	8°43	0° 8	0♊ 1	25°34	25°32	24°34	1°12	5°47	M12
T 13	17 25 50	22° 0'16	4♓15	12°38	7°17	17°28	12° 5	8°38	0° 6	0° 3	25°34	25°30	24°31	1°19	5°48	T 13
W14	17 29 47	22°57'32	18° 0	12°53	8°16	18° 3	12° 2	8°34	0° 5	0° 5	25°34	25°D29	24°27	1°26	5°50	W14
T 15	17 33 43	23°54'47	2♈ 0	13° 3	9°15	18°38	12° 0	8°30	0° 4	0° 7	25°34	25°29	24°24	1°32	5°51	T 15
F 16	17 37 40	24°52'02	16°14	13° 9	10°13	19°13	11°57	8°26	0° 3	0° 9	25°35	25°30	24°21	1°39	5°52	F 16
S 17	17 41 36	25°49'17	0♉38	13°R10	11°11	19°48	11°54	8°22	0° 2	0°11	25°35	25°32	24°18	1°46	5°53	S 17
S 18	17 45 33	26°46'32	15°12	13° 7	12° 9	20°23	11°50	8°17	0° 1	0°13	25°35	25°33	24°15	1°52	5°55	S 18
M19	17 49 30	27°43'47	29°50	12°59	13° 6	20°58	11°47	8°13	29♎59	0°15	25°36	25°R33	24°11	1°59	5°56	M19
T 20	17 53 26	28°41'02	14♊26	12°47	14° 2	21°33	11°43	8° 9	29°59	0°17	25°36	25°32	24° 8	2° 5	5°57	T 20
W21	17 57 23	29°38'16	28°55	12°31	14°59	22° 8	11°39	8° 4	29°58	0°19	25°37	25°29	24° 5	2°12	5°58	W21
T 22	18 1 19	0♋35'30	13♋10	12°10	15°54	22°44	11°35	8° 0	29°57	0°21	25°37	25°25	24° 2	2°19	5°59	T 22
F 23	18 5 16	1°32'44	27° 6	11°47	16°49	23°19	11°31	7°56	29°56	0°23	25°38	25°19	23°59	2°25	6° 0	F 23
S 24	18 9 12	2°29'58	10♌40	11°19	17°44	23°55	11°27	7°51	29°56	0°25	25°38	25°14	23°56	2°32	6° 0	S 24
S 25	18 13 9	3°27'11	23°51	10°49	18°38	24°30	11°22	7°47	29°55	0°27	25°39	25° 8	23°52	2°39	6° 1	S 25
M26	18 17 6	4°24'23	6♍39	10°17	19°32	25° 6	11°18	7°43	29°54	0°29	25°40	25° 4	23°49	2°45	6° 2	M26
T 27	18 21 2	5°21'35	19° 6	9°43	20°25	25°41	11°13	7°38	29°54	0°31	25°40	25° 1	23°46	2°52	6° 3	T 27
W28	18 24 59	6°18'47	1♎17	9° 7	21°17	26°17	11° 8	7°34	29°53	0°33	25°41	24°D59	23°43	2°59	6° 3	W28
T 29	18 28 55	7°15'59	13°15	8°30	22° 9	26°53	11° 3	7°29	29°53	0°35	25°42	24°59	23°40	3° 5	6° 4	T 29
F 30	18 32 52	8♋13'10	25♎ 6	7♋53	23♌ 0	27♌29	10♒58	7♑25	29♎52	0♊37	25♍43	25♉ 0	23♉37	3♏12	6♈ 4	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 4	1n45	4n 5	25n 9	1n45	23n36	2n29	19n 1	1n27	17s43	0s37	22s27	0n42	11s 9	0n31	18n31	1s38	16n47	16n24	19n13	19n 5	9s26	4n49	2n53
F 2	22 12	3s35	3 19	25 0	1 37	23 23	2 28	18 51	1 27	17 43	0 37	22 27	0 42	11 8	0 31	18 31	1 38	16 46	16 24	19 14	19 4	9 29	4 50	2 53
S 3	22 19	8 47	2 24	24 49	1 29	23 10	2 26	18 41	1 26	17 44	0 37	22 27	0 42	11 8	0 31	18 31	1 38	16 46	16 23	19 14	19 3	9 32	4 51	2 53
S 4	22 27	13 41	1 24	24 37	1 20	22 56	2 25	18 30	1 25	17 44	0 38	22 28	0 42	11 7	0 31	18 32	1 38	16 45	16 23	19 14	19 3	9 35	4 51	2 53
M 5	22 34	18 6	0 19	24 24	1 11	22 41	2 23	18 20	1 25	17 44	0 38	22 28	0 42	11 6	0 31	18 32	1 38	16 45	16 22	19 14	19 2	9 38	4 52	2 53
T 6	22 40	21 51	0s48	24 11	1 0	22 26	2 21	18 9	1 24	17 45	0 38	22 28	0 41	11 6	0 31	18 33	1 38	16 45	16 22	19 14	19 1	9 41	4 53	2 53
W 7	22 46	24 40	1 52	23 57	0 49	22 11	2 20	17 59	1 23	17 46	0 38	22 29	0 41	11 5	0 31	18 33	1 38	16 44	16 21	19 14	19 0	9 44	4 54	2 53
T 8	22 52	26 21	2 53	23 42	0 37	21 55	2 18	17 48	1 22	17 46	0 39	22 29	0 41	11 5	0 31	18 34	1 38	16 44	16 21	19 14	18 59	9 47	4 55	2 53
F 9	22 57	26 43	3 46	23 26	0 25	21 39	2 15	17 37	1 22	17 47	0 39	22 29	0 41	11 4	0 31	18 34	1 38	16 43	16 20	19 13	18 59	9 50	4 55	2 53
S 10	23 2	25 41	4 29	23 10	0 12	21 22	2 13	17 26	1 21	17 48	0 39	22 30	0 41	11 4	0 31	18 35	1 38	16 43	16 20	19 12	18 58	9 53	4 56	2 53
S 11	23 6	23 14	4 58	22 54	0s 2	21 5	2 11	17 15	1 21	17 48	0 39	22 30	0 41	11 4	0 31	18 35	1 38	16 42	16 19	19 11	18 57	9 57	4 57	2 53
M12	23 10	19 32	5 13	22 38	0 17	20 48	2 8	17 4	1 20	17 49	0 40	22 30	0 41	11 3	0 31	18 36	1 38	16 42	16 19	19 11	18 56	10 0	4 57	2 53
T 13	23 14	14 47	5 10	22 21	0 31	20 30	2 5	16 53	1 19	17 50	0 40	22 31	0 41	11 3	0 31	18 36	1 38	16 41	16 18	19 10	18 56	10 3	4 58	2 54
W14	23 17	9 12	4 50	22 5	0 47	20 11	2 2	16 41	1 19	17 51	0 40	22 31	0 41	11 2	0 31	18 36	1 38	16 41	16 18	19 10	18 55	10 6	4 59	2 54
T 15	23 20	3 4	4 13	21 48	1 2	19 53	1 59	16 30	1 18	17 52	0 40	22 31	0 41	11 2	0 31	18 37	1 38	16 40	16 17	19 10	18 54	10 9	4 59	2 54
F 16	23 23	3n20	3 19	21 32	1 18	19 34	1 56	16 18	1 17	17 53	0 41	22 32	0 41	11 2	0 31	18 37	1 38	16 39	16 17	19 10	18 53	10 12	5 0	2 54
S 17	23 25	9 39	2 12	21 15	1 35	19 15	1 52	16 7	1 17	17 54	0 41	22 32	0 41	11 1	0 31	18 38	1 38	16 39	16 16	19 10	18 52	10 15	5 0	2 54
S 18	23 26	15 31	0 56	20 59	1 51	18 55	1 49	15 55	1 16	17 55	0 41	22 32	0 41	11 1	0 31	18 38	1 38	16 38	16 16	19 11	18 52	10 18	5 1	2 54
M19	23 27	20 32	0n23	20 44	2 7	18 35	1 45	15 43	1 15	17 56	0 41	22 33	0 41	11 1	0 31	18 38	1 38	16 38	16 15	19 11	18 51	10 21	5 1	2 54
T 20	23 28	24 15	1 41	20 29	2 24	18 15	1 41	15 31	1 15	17 58	0 41	22 33	0 41	11 0	0 31	18 39	1 38	16 37	16 15	19 10	18 50	10 24	5 2	2 54
W21	23 29	26 20	2 52	20 14	2 40	17 54	1 37	15 19	1 14	17 59	0 42	22 33	0 41	11 0	0 31	18 39	1 38	16 36	16 15	19 10	18 49	10 27	5 2	2 54
T 22	23 29	26 39	3 51	20 0	2 56	17 34	1 32	15 7	1 13	18 0	0 42	22 34	0 40	11 0	0 31	18 40	1 38	16 36	16 14	19 9	18 49	10 30	5 3	2 54
F 23	23 28	25 15	4 34	19 47	3 11	17 13	1 28	14 55	1 13	18 2	0 42	22 34	0 40	10 59	0 31	18 40	1 38	16 35	16 14	19 7	18 48	10 33	5 3	2 54
S 24	23 27	22 24	5 1	19 35	3 26	16 52	1 23	14 42	1 12	18 3	0 42	22 34	0 40	10 59	0 31	18 40	1 38	16 34	16 13	19 6	18 47	10 36	5 4	2 55
S 25	23 26	18 28	5 11	19 23	3 39	16 30	1 18	14 30	1 11	18 5	0 43	22 35	0 40	10 59	0 30	18 41	1 38	16 34	16 13	19 5	18 46	10 39	5 4	2 55
M26	23 24	13 48	5 4	19 13	3 52	16 9	1 13	14 17	1 11	18 6	0 43	22 35	0 40	10 59	0 30	18 41	1 38	16 33	16 12	19 4	18 45	10 42	5 4	2 55
T 27	23 22	8 40	4 44	19 4	4 4	15 47	1 8	14 5	1 10	18 8	0 43	22 35	0 40	10 59	0 30	18 42	1 38	16 32	16 12	19 3	18 45	10 45	5 5	2 55
W28	23 20	3 19	4 11	18 55	4 15	15 25	1 3	13 52	1 9	18 9	0 43	22 36	0 40	10 59	0 30	18 42	1 38	16 32	16 11	19 3	18 44	10 48	5 5	2 55
T 29	23 17	2s 3	3 27	18 49	4 24	15 3	0 57	13 39	1 9	18 11	0 43	22 36	0 40	10 58	0 30	18 42	1 38	16 31	16 11	19 3	18 43	10 51	5 5	2 55
F 30	23n13	7s19	2n35	18n43	4s32	14n41	0n51	13n26	1n 8	18s12	0s44	22s36	0n40	10s58	0n30	18n43	1s38	16n30	16n10	19n 3	18n42	10s55	5n 6	2n55

Julian Day Number = 2350889.5, Delta T = 10.60 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'35, Lahiri = 20°00'36Greg. Calendar

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JULY 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 48	9♋10'21	6♏55	7°R17	23♌51	28♌ 5	10°R52	7°R21	29°R52	0♊39	25♍43	25♉ 2	23♉33	3♏19	6♈ 5	S 1
S 2	18 40 45	10° 7'31	18°47	6♋42	24°40	28°40	10♒47	7♑16	29♎52	0°41	25°44	25° 3	23°30	3°25	6° 5	S 2
M 3	18 44 41	11° 4'42	0♐45	6° 9	25°29	29°16	10°41	7°12	29°51	0°42	25°45	25°R 3	23°27	3°32	6° 6	M 3
T 4	18 48 38	12° 1'53	12°55	5°37	26°18	29°52	10°35	7° 7	29°51	0°44	25°46	25° 1	23°24	3°39	6° 6	T 4
W 5	18 52 35	12°59'03	25°18	5° 9	27° 5	0♍28	10°29	7° 3	29°51	0°46	25°47	24°57	23°21	3°45	6° 6	W 5
T 6	18 56 31	13°56'14	7♑57	4°44	27°52	1° 5	10°23	6°59	29°51	0°48	25°48	24°52	23°17	3°52	6° 6	T 6
F 7	19 0 28	14°53'25	20°52	4°23	28°38	1°41	10°17	6°54	29°51	0°49	25°49	24°44	23°14	3°59	6° 7	F 7
S 8	19 4 24	15°50'36	4♒ 3	4° 6	29°23	2°17	10°11	6°50	29°D51	0°51	25°50	24°36	23°11	4° 5	6° 7	S 8
S 9	19 8 21	16°47'47	17°28	3°54	0♍ 7	2°53	10° 4	6°46	29°51	0°53	25°51	24°27	23° 8	4°12	6°R 7	S 9
M10	19 12 17	17°44'59	1♓ 6	3°47	0°50	3°30	9°58	6°41	29°51	0°55	25°52	24°20	23° 5	4°19	6° 7	M10
T 11	19 16 14	18°42'12	14°53	3°D44	1°32	4° 6	9°51	6°37	29°51	0°56	25°53	24°14	23° 2	4°25	6° 7	T 11
W12	19 20 10	19°39'24	28°49	3°47	2°13	4°42	9°44	6°33	29°51	0°58	25°54	24°10	22°58	4°32	6° 6	W12
T 13	19 24 7	20°36'38	12♈51	3°56	2°53	5°19	9°37	6°29	29°51	0°59	25°55	24° 8	22°55	4°39	6° 6	T 13
F 14	19 28 4	21°33'52	26°58	4°10	3°32	5°55	9°30	6°24	29°52	1° 1	25°57	24°D 8	22°52	4°45	6° 6	F 14
S 15	19 32 0	22°31'07	11♉ 9	4°29	4°10	6°32	9°23	6°20	29°52	1° 3	25°58	24° 8	22°49	4°52	6° 6	S 15
S 16	19 35 57	23°28'23	25°23	4°55	4°47	7° 9	9°16	6°16	29°52	1° 4	25°59	24°R 9	22°46	4°59	6° 5	S 16
M17	19 39 53	24°25'40	9♊36	5°26	5°23	7°45	9° 9	6°12	29°53	1° 6	26° 0	24° 8	22°43	5° 5	6° 5	M17
T 18	19 43 50	25°22'57	23°48	6° 2	5°57	8°22	9° 1	6° 8	29°53	1° 7	26° 2	24° 5	22°39	5°12	6° 5	T 18
W19	19 47 46	26°20'16	7♋53	6°44	6°30	8°59	8°54	6° 4	29°54	1° 9	26° 3	23°59	22°36	5°18	6° 4	W19
T 20	19 51 43	27°17'35	21°48	7°32	7° 2	9°36	8°47	6° 0	29°54	1°10	26° 4	23°51	22°33	5°25	6° 4	T 20
F 21	19 55 39	28°14'54	5♌28	8°25	7°32	10°13	8°39	5°56	29°55	1°11	26° 6	23°41	22°30	5°32	6° 3	F 21
S 22	19 59 36	29°12'15	18°52	9°24	8° 1	10°49	8°31	5°52	29°56	1°13	26° 7	23°30	22°27	5°38	6° 2	S 22
S 23	20 3 33	0♌ 9'35	1♍55	10°28	8°28	11°26	8°24	5°48	29°56	1°14	26° 9	23°20	22°23	5°45	6° 2	S 23
M24	20 7 29	1° 6'57	14°39	11°37	8°54	12° 4	8°16	5°45	29°57	1°16	26°10	23°10	22°20	5°52	6° 1	M24
T 25	20 11 26	2° 4'19	27° 5	12°51	9°18	12°41	8° 8	5°41	29°58	1°17	26°12	23° 3	22°17	5°58	6° 0	T 25
W26	20 15 22	3° 1'41	9♎14	14°11	9°41	13°18	8° 1	5°37	29°59	1°18	26°13	22°58	22°14	6° 5	5°59	W26
T 27	20 19 19	3°59'04	21°12	15°35	10° 1	13°55	7°53	5°34	29°59	1°19	26°15	22°56	22°11	6°12	5°58	T 27
F 28	20 23 15	4°56'28	3♏ 3	17° 3	10°20	14°32	7°45	5°30	0♏ 1	1°21	26°16	22°D55	22° 8	6°18	5°57	F 28
S 29	20 27 12	5°53'52	14°51	18°37	10°37	15°10	7°37	5°26	0° 2	1°22	26°18	22°55	22° 4	6°25	5°56	S 29
S 30	20 31 8	6°51'17	26°44	20°14	10°52	15°47	7°30	5°23	0° 3	1°23	26°19	22°R55	22° 1	6°32	5°55	S 30
M31	20 35 5	7♌48'42	8♐45	21♋56	11♍ 5	16♍24	7♒22	5♑20	0♏ 4	1♊24	26♍21	22♉54	21♉58	6♏38	5♈54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n10	12s19	1n37	18n38	4s39	14n18	0n45	13n13	1n 8	18s14	0s44	22s37	0n40	10s58	0n30	18n43	1s38	16n29	16n10	19n 3	18n41	10s58	5n 6	2n55
S 2	23 5	16 53	0 34	18 35	4 43	13 56	0 39	13 0	1 7	18 16	0 44	22 37	0 40	10 58	0 30	18 43	1 38	16 29	16 9	19 3	18 41	11 1	5 6	2 55
M 3	23 1	20 51	0s31	18 34	4 47	13 33	0 32	12 47	1 6	18 18	0 44	22 37	0 40	10 58	0 30	18 44	1 38	16 28	16 9	19 3	18 40	11 4	5 6	2 55
T 4	22 56	23 57	1 35	18 33	4 48	13 11	0 26	12 33	1 6	18 19	0 45	22 38	0 39	10 58	0 30	18 44	1 38	16 27	16 8	19 3	18 39	11 7	5 7	2 56
W 5	22 51	25 59	2 36	18 34	4 48	12 48	0 19	12 20	1 5	18 21	0 45	22 38	0 39	10 58	0 30	18 44	1 38	16 26	16 8	19 2	18 38	11 10	5 7	2 56
T 6	22 45	26 44	3 30	18 37	4 47	12 25	0 12	12 7	1 4	18 23	0 45	22 38	0 39	10 58	0 30	18 45	1 38	16 26	16 8	19 1	18 37	11 13	5 7	2 56
F 7	22 39	26 3	4 15	18 41	4 44	12 3	0 5	11 53	1 4	18 25	0 45	22 39	0 39	10 58	0 30	18 45	1 38	16 25	16 7	18 59	18 37	11 16	5 7	2 56
S 8	22 32	23 55	4 47	18 45	4 39	11 40	0s 3	11 40	1 3	18 27	0 45	22 39	0 39	10 58	0 30	18 45	1 38	16 24	16 7	18 57	18 36	11 19	5 7	2 56
S 9	22 25	20 26	5 4	18 52	4 34	11 17	0 10	11 26	1 2	18 29	0 46	22 39	0 39	10 58	0 30	18 46	1 38	16 23	16 6	18 55	18 35	11 22	5 7	2 56
M10	22 18	15 50	5 4	18 59	4 27	10 55	0 18	11 12	1 2	18 31	0 46	22 40	0 39	10 58	0 30	18 46	1 38	16 22	16 6	18 53	18 34	11 25	5 7	2 56
T 11	22 10	10 22	4 47	19 7	4 18	10 32	0 26	10 58	1 1	18 33	0 46	22 40	0 39	10 58	0 30	18 46	1 39	16 21	16 5	18 51	18 33	11 28	5 7	2 56
W12	22 2	4 20	4 12	19 17	4 9	10 10	0 35	10 44	1 1	18 35	0 46	22 40	0 39	10 58	0 30	18 47	1 39	16 21	16 5	18 50	18 33	11 31	5 8	2 56
T 13	21 54	1n59	3 23	19 27	3 59	9 47	0 43	10 30	1 0	18 37	0 46	22 41	0 39	10 58	0 30	18 47	1 39	16 20	16 4	18 50	18 32	11 34	5 8	2 56
F 14	21 45	8 14	2 20	19 37	3 47	9 25	0 52	10 16	0 59	18 39	0 46	22 41	0 38	10 58	0 30	18 47	1 39	16 19	16 4	18 50	18 31	11 37	5 8	2 56
S 15	21 36	14 6	1 9	19 49	3 35	9 3	1 1	10 2	0 59	18 41	0 47	22 41	0 38	10 59	0 30	18 47	1 39	16 18	16 4	18 50	18 30	11 40	5 8	2 57
S 16	21 26	19 15	0n 7	20 0	3 23	8 41	1 10	9 48	0 58	18 43	0 47	22 41	0 38	10 59	0 30	18 48	1 39	16 17	16 3	18 50	18 29	11 43	5 7	2 57
M17	21 16	23 16	1 22	20 12	3 10	8 19	1 20	9 34	0 57	18 45	0 47	22 42	0 38	10 59	0 30	18 48	1 39	16 16	16 3	18 50	18 29	11 46	5 7	2 57
T 18	21 6	25 51	2 31	20 25	2 56	7 57	1 29	9 19	0 57	18 47	0 47	22 42	0 38	10 59	0 30	18 48	1 39	16 15	16 2	18 49	18 28	11 49	5 7	2 57
W19	20 55	26 45	3 31	20 37	2 42	7 36	1 39	9 5	0 56	18 49	0 47	22 42	0 38	10 59	0 30	18 48	1 39	16 15	16 2	18 48	18 27	11 52	5 7	2 57
T 20	20 44	25 57	4 18	20 48	2 28	7 15	1 49	8 51	0 56	18 51	0 48	22 43	0 38	11 0	0 30	18 49	1 39	16 14	16 2	18 46	18 26	11 55	5 7	2 57
F 21	20 33	23 35	4 48	21 0	2 13	6 54	2 0	8 36	0 55	18 54	0 48	22 43	0 38	11 0	0 30	18 49	1 39	16 13	16 1	18 43	18 25	11 58	5 7	2 57
S 22	20 21	19 58	5 2	21 11	1 58	6 34	2 10	8 21	0 54	18 56	0 48	22 43	0 38	11 0	0 30	18 49	1 39	16 12	16 1	18 41	18 25	12 1	5 7	2 57
S 23	20 9	15 28	5 0	21 21	1 43	6 13	2 21	8 7	0 54	18 58	0 48	22 43	0 38	11 0	0 30	18 49	1 39	16 11	16 0	18 38	18 24	12 4	5 6	2 57
M24	19 56	10 23	4 42	21 30	1 29	5 54	2 32	7 52	0 53	19 0	0 48	22 44	0 37	11 1	0 29	18 50	1 39	16 10	16 0	18 36	18 23	12 7	5 6	2 57
T 25	19 44	5 1	4 12	21 38	1 14	5 34	2 43	7 37	0 52	19 2	0 48	22 44	0 37	11 1	0 29	18 50	1 39	16 9	16 0	18 34	18 22	12 10	5 6	2 57
W26	19 31	0s27	3 30	21 44	0 59	5 15	2 55	7 22	0 52	19 4	0 48	22 44	0 37	11 1	0 29	18 50	1 39	16 8	15 59	18 33	18 21	12 13	5 6	2 57
T 27	19 17	5 48	2 40	21 49	0 45	4 57	3 6	7 7	0 51	19 7	0 49	22 45	0 37	11 2	0 29	18 50	1 39	16 7	15 59	18 32	18 21	12 16	5 5	2 58
F 28	19 4	10 55	1 44	21 52	0 31	4 39	3 18	6 52	0 51	19 9	0 49	22 45	0 37	11 2	0 29	18 51	1 39	16 6	15 59	18 32	18 20	12 19	5 5	2 58
S 29	18 50	15 38	0 43	21 54	0 17	4 21	3 30	6 37	0 50	19 11	0 49	22 45	0 37	11 3	0 29	18 51	1 39	16 5	15 58	18 32	18 19	12 22	5 5	2 58
S 30	18 35	19 47	0s20	21 53	0 4	4 4	3 42	6 22	0 49	19 13	0 49	22 45	0 37	11 3	0 29	18 51	1 39	16 4	15 58	18 32	18 18	12 25	5 4	2 58
M31	18n21	23s10	1s23	21n49	0n 8	3n48	3s55	6n 7	0n49	19s15	0s49	22s46	0n37	11s 4	0n29	18n51	1s39	16n 3	15n58	18n32	18n17	12s28	5n 4	2n58

Julian Day Number = 2350919.5, Delta T = 10.60 sec
Ecliptic obliquity = 23°28'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'39, Lahiri = 20°00'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

AUGUST 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 2	8♌46'09	21♐ 0	23♋41	11♍16	17♍ 2	7°R14	5°R16	0♏ 6	1♊25	26♍23	22°R51	21♉55	6♏45	5°R53	T 1
W 2	20 42 58	9°43'36	3♑33	25°29	11°25	17°39	7♒ 6	5♑13	0° 7	1°26	26°24	22♉46	21°52	6°52	5♈52	W 2
T 3	20 46 55	10°41'04	16°25	27°20	11°32	18°17	6°58	5°10	0° 8	1°27	26°26	22°38	21°49	6°58	5°50	T 3
F 4	20 50 51	11°38'33	29°38	29°15	11°36	18°54	6°51	5° 7	0°10	1°28	26°28	22°28	21°45	7° 5	5°49	F 4
S 5	20 54 48	12°36'03	13♒11	1♌11	11°R39	19°32	6°43	5° 4	0°11	1°29	26°30	22°16	21°42	7°12	5°48	S 5
S 6	20 58 44	13°33'34	27° 1	3° 9	11°39	20°10	6°35	5° 1	0°12	1°30	26°31	22° 4	21°39	7°18	5°46	S 6
M 7	21 2 41	14°31'07	11♓ 5	5° 9	11°36	20°48	6°28	4°58	0°14	1°31	26°33	21°53	21°36	7°25	5°45	M 7
T 8	21 6 37	15°28'40	25°17	7°10	11°31	21°25	6°20	4°55	0°15	1°32	26°35	21°45	21°33	7°31	5°43	T 8
W 9	21 10 34	16°26'15	9♈32	9°12	11°24	22° 3	6°12	4°52	0°17	1°33	26°37	21°39	21°29	7°38	5°42	W 9
T 10	21 14 31	17°23'51	23°47	11°14	11°15	22°41	6° 5	4°50	0°19	1°34	26°39	21°35	21°26	7°45	5°40	T 10
F 11	21 18 27	18°21'29	7♉59	13°17	11° 3	23°19	5°57	4°47	0°20	1°35	26°40	21°34	21°23	7°51	5°39	F 11
S 12	21 22 24	19°19'09	22° 7	15°19	10°49	23°57	5°50	4°45	0°22	1°35	26°42	21°34	21°20	7°58	5°37	S 12
S 13	21 26 20	20°16'50	6♊ 8	17°21	10°32	24°35	5°42	4°42	0°24	1°36	26°44	21°33	21°17	8° 5	5°35	S 13
M14	21 30 17	21°14'33	20° 4	19°23	10°13	25°13	5°35	4°40	0°26	1°37	26°46	21°32	21°14	8°11	5°33	M14
T 15	21 34 13	22°12'17	3♋53	21°24	9°52	25°51	5°28	4°37	0°28	1°38	26°48	21°28	21°10	8°18	5°31	T 15
W16	21 38 10	23°10'03	17°33	23°24	9°29	26°30	5°21	4°35	0°30	1°38	26°50	21°21	21° 7	8°25	5°30	W16
T 17	21 42 6	24° 7'51	1♌ 4	25°23	9° 4	27° 8	5°14	4°33	0°32	1°39	26°52	21°11	21° 4	8°31	5°28	T 17
F 18	21 46 3	25° 5'40	14°22	27°21	8°37	27°46	5° 7	4°31	0°34	1°39	26°54	20°59	21° 1	8°38	5°26	F 18
S 19	21 50 0	26° 3'31	27°27	29°18	8° 8	28°25	5° 0	4°29	0°36	1°40	26°56	20°46	20°58	8°45	5°24	S 19
S 20	21 53 56	27° 1'23	10♍17	1♍14	7°37	29° 3	4°53	4°27	0°38	1°41	26°58	20°34	20°55	8°51	5°22	S 20
M21	21 57 53	27°59'16	22°50	3° 9	7° 5	29°41	4°47	4°26	0°40	1°41	27° 0	20°22	20°51	8°58	5°20	M21
T 22	22 1 49	28°57'11	5♎ 9	5° 2	6°31	0♎20	4°40	4°24	0°42	1°41	27° 2	20°13	20°48	9° 5	5°18	T 22
W23	22 5 46	29°55'07	17°14	6°54	5°56	0°59	4°34	4°22	0°44	1°42	27° 4	20° 7	20°45	9°11	5°16	W23
T 24	22 9 42	0♍53'05	29° 9	8°45	5°21	1°37	4°28	4°21	0°47	1°42	27° 6	20° 3	20°42	9°18	5°13	T 24
F 25	22 13 39	1°51'04	10♏58	10°34	4°44	2°16	4°21	4°20	0°49	1°43	27° 8	20° 1	20°39	9°25	5°11	F 25
S 26	22 17 35	2°49'04	22°46	12°22	4° 7	2°55	4°15	4°18	0°51	1°43	27°10	20°D 1	20°35	9°31	5° 9	S 26
S 27	22 21 32	3°47'06	4♐37	14° 9	3°30	3°33	4°10	4°17	0°54	1°43	27°13	20°R 1	20°32	9°38	5° 7	S 27
M28	22 25 29	4°45'09	16°38	15°55	2°53	4°12	4° 4	4°16	0°56	1°44	27°15	20° 0	20°29	9°44	5° 4	M28
T 29	22 29 25	5°43'13	28°54	17°39	2°16	4°51	3°58	4°15	0°59	1°44	27°17	19°58	20°26	9°51	5° 2	T 29
W30	22 33 22	6°41'19	11♑30	19°22	1°40	5°30	3°53	4°14	1° 1	1°44	27°19	19°54	20°23	9°58	5° 0	W30
T 31	22 37 18	7♍39'27	24♑28	21♍ 4	1♍ 4	6♎ 9	3♒48	4♑13	1♏ 4	1♊44	27♍21	19♉47	20♉20	10♏ 4	4♈57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 6	25s33	2s23	21n44	0n20	3n32	4s 7	5n52	0n48	19s17	0s49	22s46	0n36	11s 4	0n29	18n51	1s39	16n 2	15n57	18n31	18n16	12s31	5n 4	2n58
W 2	17 51	26 43	3 18	21 36	0 32	3 17	4 20	5 37	0 48	19 19	0 49	22 46	0 36	11 4	0 29	18 51	1 39	16 1	15 57	18 29	18 16	12 34	5 3	2 58
T 3	17 35	26 30	4 3	21 25	0 42	3 3	4 32	5 22	0 47	19 21	0 50	22 46	0 36	11 5	0 29	18 52	1 39	16 0	15 57	18 27	18 15	12 37	5 3	2 58
F 4	17 19	24 47	4 38	21 11	0 52	2 50	4 45	5 6	0 46	19 23	0 50	22 47	0 36	11 5	0 29	18 52	1 40	15 59	15 56	18 25	18 14	12 40	5 2	2 58
S 5	17 3	21 37	4 57	20 55	1 1	2 37	4 58	4 51	0 46	19 26	0 50	22 47	0 36	11 6	0 29	18 52	1 40	15 58	15 56	18 22	18 13	12 43	5 2	2 58
S 6	16 47	17 12	5 0	20 36	1 9	2 25	5 11	4 36	0 45	19 28	0 50	22 47	0 36	11 7	0 29	18 52	1 40	15 58	15 56	18 19	18 12	12 46	5 1	2 58
M 7	16 30	11 48	4 44	20 15	1 17	2 14	5 24	4 20	0 44	19 30	0 50	22 47	0 36	11 7	0 29	18 52	1 40	15 57	15 55	18 16	18 11	12 49	5 1	2 58
T 8	16 13	5 43	4 11	19 51	1 23	2 4	5 36	4 5	0 44	19 32	0 50	22 48	0 36	11 8	0 29	18 52	1 40	15 56	15 55	18 14	18 11	12 52	5 0	2 58
W 9	15 56	0n41	3 23	19 25	1 29	1 55	5 49	3 49	0 43	19 34	0 50	22 48	0 35	11 8	0 29	18 52	1 40	15 55	15 55	18 12	18 10	12 55	5 0	2 58
T 10	15 39	7 3	2 21	18 56	1 34	1 47	6 2	3 34	0 43	19 36	0 50	22 48	0 35	11 9	0 29	18 53	1 40	15 54	15 54	18 11	18 9	12 58	4 59	2 58
F 11	15 21	13 4	1 11	18 25	1 38	1 40	6 14	3 18	0 42	19 38	0 50	22 48	0 35	11 9	0 29	18 53	1 40	15 53	15 54	18 11	18 8	13 1	4 59	2 59
S 12	15 3	18 22	0n 3	17 52	1 41	1 34	6 26	3 2	0 41	19 39	0 50	22 48	0 35	11 10	0 29	18 53	1 40	15 52	15 54	18 11	18 7	13 4	4 58	2 59
S 13	14 45	22 37	1 16	17 18	1 43	1 29	6 38	2 47	0 41	19 41	0 51	22 49	0 35	11 11	0 29	18 53	1 40	15 51	15 54	18 11	18 6	13 6	4 57	2 59
M14	14 27	25 30	2 25	16 41	1 45	1 25	6 50	2 31	0 40	19 43	0 51	22 49	0 35	11 11	0 29	18 53	1 40	15 50	15 53	18 10	18 6	13 9	4 57	2 59
T 15	14 8	26 49	3 24	16 4	1 46	1 22	7 2	2 15	0 40	19 45	0 51	22 49	0 35	11 12	0 29	18 53	1 40	15 49	15 53	18 9	18 5	13 12	4 56	2 59
W16	13 49	26 28	4 10	15 24	1 46	1 20	7 13	1 59	0 39	19 47	0 51	22 49	0 35	11 13	0 29	18 53	1 40	15 48	15 53	18 8	18 4	13 15	4 55	2 59
T 17	13 30	24 32	4 42	14 44	1 45	1 20	7 23	1 44	0 38	19 49	0 51	22 49	0 34	11 14	0 29	18 53	1 40	15 47	15 53	18 5	18 3	13 18	4 55	2 59
F 18	13 11	21 18	4 58	14 2	1 44	1 21	7 33	1 28	0 38	19 50	0 51	22 50	0 34	11 14	0 29	18 53	1 40	15 46	15 52	18 2	18 2	13 21	4 54	2 59
S 19	12 51	17 2	4 58	13 20	1 43	1 23	7 42	1 12	0 37	19 52	0 51	22 50	0 34	11 15	0 29	18 53	1 40	15 45	15 52	17 58	18 1	13 24	4 53	2 59
S 20	12 31	12 5	4 43	12 37	1 40	1 26	7 51	0 56	0 36	19 54	0 51	22 50	0 34	11 16	0 29	18 53	1 40	15 44	15 52	17 55	18 1	13 27	4 52	2 59
M21	12 12	6 44	4 14	11 53	1 38	1 30	7 59	0 40	0 36	19 55	0 51	22 50	0 34	11 17	0 29	18 53	1 40	15 43	15 52	17 52	18 0	13 30	4 51	2 59
T 22	11 51	1 13	3 34	11 9	1 34	1 35	8 7	0 24	0 35	19 57	0 51	22 50	0 34	11 17	0 29	18 54	1 40	15 42	15 52	17 50	17 59	13 33	4 51	2 59
W23	11 31	4s15	2 44	10 24	1 31	1 42	8 13	0 8	0 35	19 59	0 51	22 51	0 34	11 18	0 29	18 54	1 41	15 41	15 51	17 48	17 58	13 36	4 50	2 59
T 24	11 11	9 30	1 48	9 38	1 26	1 49	8 19	0s 8	0 34	20 0	0 51	22 51	0 34	11 19	0 28	18 54	1 41	15 40	15 51	17 47	17 57	13 39	4 49	2 59
F 25	10 50	14 23	0 48	8 53	1 22	1 58	8 24	0 24	0 33	20 2	0 51	22 51	0 33	11 20	0 28	18 54	1 41	15 39	15 51	17 46	17 56	13 42	4 48	2 59
S 26	10 29	18 44	0s15	8 7	1 17	2 7	8 28	0 39	0 33	20 3	0 51	22 51	0 33	11 21	0 28	18 54	1 41	15 38	15 51	17 46	17 56	13 45	4 47	2 59
S 27	10 8	22 21	1 17	7 21	1 12	2 17	8 31	0 55	0 32	20 5	0 51	22 51	0 33	11 22	0 28	18 54	1 41	15 37	15 51	17 46	17 55	13 48	4 46	2 59
M28	9 47	25 4	2 16	6 35	1 6	2 28	8 33	1 11	0 32	20 6	0 51	22 51	0 33	11 23	0 28	18 54	1 41	15 36	15 51	17 46	17 54	13 51	4 45	2 59
T 29	9 26	26 39	3 11	5 49	1 0	2 40	8 35	1 27	0 31	20 7	0 51	22 52	0 33	11 23	0 28	18 54	1 41	15 35	15 50	17 46	17 53	13 53	4 45	2 59
W30	9 4	26 56	3 58	5 3	0 54	2 52	8 35	1 44	0 30	20 9	0 51	22 52	0 33	11 24	0 28	18 54	1 41	15 34	15 50	17 44	17 52	13 56	4 44	2 59
T 31	8n43	25s45	4s34	4n17	0n48	3n 5	8s35	2s 0	0n30	20s10	0s51	22s52	0n33	11s25	0n28	18n54	1s41	15n33	15n50	17n43	17n51	13s59	4n43	2n59

Julian Day Number = 2350950.5, Delta T = 10.61 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'44, Lahiri = 20°00'44Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1724
geocentric

SEPTEMBER 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 15	8♍37'36	7♒52	22♍45	0°R29	6♎48	3°R42	4°R12	1♏ 7	1♊44	27♍23	19°R38	20♉16	10♏11	4°R55	F 1
S 2	22 45 11	9°35'46	21°41	24°24	29♌55	7°27	3♒37	4♑12	1° 9	1°44	27°25	19♉27	20°13	10°18	4♈52	S 2
S 3	22 49 8	10°33'59	5♓51	26° 3	29°23	8° 6	3°33	4°11	1°12	1°44	27°28	19°16	20°10	10°24	4°50	S 3
M 4	22 53 4	11°32'12	20°18	27°40	28°52	8°46	3°28	4°11	1°15	1°R44	27°30	19° 6	20° 7	10°31	4°47	M 4
T 5	22 57 1	12°30'28	4♈56	29°16	28°23	9°25	3°23	4°11	1°17	1°44	27°32	18°58	20° 4	10°38	4°45	T 5
W 6	23 0 58	13°28'46	19°36	0♎51	27°56	10° 4	3°19	4°10	1°20	1°44	27°34	18°53	20° 0	10°44	4°42	W 6
T 7	23 4 54	14°27'05	4♉12	2°24	27°30	10°44	3°15	4°10	1°23	1°44	27°36	18°50	19°57	10°51	4°40	T 7
F 8	23 8 51	15°25'27	18°40	3°57	27° 7	11°23	3°11	4°D10	1°26	1°44	27°39	18°D49	19°54	10°58	4°37	F 8
S 9	23 12 47	16°23'51	2♊56	5°28	26°46	12° 2	3° 7	4°10	1°29	1°44	27°41	18°50	19°51	11° 4	4°35	S 9
S 10	23 16 44	17°22'17	16°58	6°59	26°28	12°42	3° 4	4°10	1°32	1°44	27°43	18°R50	19°48	11°11	4°32	S 10
M11	23 20 40	18°20'45	0♋46	8°28	26°11	13°21	3° 0	4°11	1°35	1°44	27°45	18°49	19°45	11°18	4°29	M11
T 12	23 24 37	19°19'16	14°21	9°56	25°58	14° 1	2°57	4°11	1°38	1°43	27°48	18°47	19°41	11°24	4°27	T 12
W13	23 28 33	20°17'49	27°42	11°23	25°46	14°41	2°54	4°11	1°41	1°43	27°50	18°42	19°38	11°31	4°24	W13
T 14	23 32 30	21°16'24	10♌51	12°49	25°37	15°21	2°51	4°12	1°44	1°43	27°52	18°34	19°35	11°37	4°21	T 14
F 15	23 36 27	22°15'01	23°48	14°13	25°31	16° 0	2°48	4°12	1°47	1°42	27°54	18°25	19°32	11°44	4°18	F 15
S 16	23 40 23	23°13'40	6♍32	15°37	25°26	16°40	2°46	4°13	1°50	1°42	27°57	18°15	19°29	11°51	4°16	S 16
S 17	23 44 20	24°12'21	19° 3	16°59	25°D25	17°20	2°43	4°14	1°53	1°42	27°59	18° 5	19°26	11°57	4°13	S 17
M18	23 48 16	25°11'04	1♎23	18°20	25°25	18° 0	2°41	4°15	1°56	1°41	28° 1	17°56	19°22	12° 4	4°10	M18
T 19	23 52 13	26° 9'48	13°32	19°39	25°28	18°40	2°39	4°16	1°59	1°41	28° 4	17°49	19°19	12°11	4° 7	T 19
W20	23 56 9	27° 8'35	25°30	20°58	25°33	19°20	2°37	4°17	2° 3	1°40	28° 6	17°44	19°16	12°17	4° 5	W20
T 21	0 0 6	28° 7'24	7♏21	22°15	25°41	20° 0	2°36	4°18	2° 6	1°40	28° 8	17°41	19°13	12°24	4° 2	T 21
F 22	0 4 2	29° 6'15	19° 8	23°30	25°50	20°40	2°34	4°20	2° 9	1°39	28°10	17°D40	19°10	12°31	3°59	F 22
S 23	0 7 59	0♎ 5'07	0♐54	24°44	26° 2	21°21	2°33	4°21	2°12	1°39	28°13	17°41	19° 6	12°37	3°56	S 23
S 24	0 11 55	1° 4'01	12°45	25°56	26°16	22° 1	2°32	4°23	2°16	1°38	28°15	17°43	19° 3	12°44	3°53	S 24
M25	0 15 52	2° 2'57	24°44	27° 7	26°32	22°41	2°32	4°24	2°19	1°37	28°17	17°44	19° 0	12°51	3°51	M25
T 26	0 19 49	3° 1'55	6♑58	28°15	26°50	23°22	2°31	4°26	2°22	1°37	28°20	17°R44	18°57	12°57	3°48	T 26
W27	0 23 45	4° 0'55	19°31	29°22	27° 9	24° 2	2°31	4°28	2°26	1°36	28°22	17°43	18°54	13° 4	3°45	W27
T 28	0 27 42	4°59'56	2♒28	0♏27	27°31	24°43	2°D30	4°30	2°29	1°35	28°24	17°39	18°51	13°10	3°42	T 28
F 29	0 31 38	5°58'59	15°52	1°29	27°54	25°23	2°30	4°32	2°33	1°34	28°26	17°35	18°47	13°17	3°39	F 29
S 30	0 35 35	6♎58'04	29♒44	2♏29	28♌19	26♎ 4	2♒31	4♑34	2♏36	1♊34	28♍29	17♉29	18♉44	13♏24	3♈37	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n21	23s 6	4s56	3n31	0n41	3n18	8s33	2s16	0n29	20s11	0s51	22s52	0n33	11s26	0n28	18n54	1s41	15n32	15n50	17n40	17n51	14s 2	4n42	2n59
S 2	7 59	19 4	5 2	2 45	0 35	3 32	8 31	2 32	0 29	20 12	0 51	22 52	0 32	11 27	0 28	18 54	1 41	15 31	15 50	17 37	17 50	14 5	4 41	2 59
S 3	7 37	13 52	4 50	2 0	0 28	3 46	8 28	2 48	0 28	20 13	0 51	22 52	0 32	11 28	0 28	18 53	1 41	15 30	15 50	17 34	17 49	14 8	4 40	2 59
M 4	7 15	7 49	4 19	1 15	0 21	4 0	8 24	3 4	0 27	20 15	0 51	22 53	0 32	11 29	0 28	18 53	1 41	15 29	15 50	17 32	17 48	14 11	4 39	2 59
T 5	6 53	1 16	3 31	0 30	0 13	4 15	8 19	3 20	0 27	20 16	0 51	22 53	0 32	11 30	0 28	18 53	1 41	15 28	15 50	17 29	17 47	14 14	4 38	2 59
W 6	6 30	5n23	2 29	0s15	0 6	4 29	8 13	3 36	0 26	20 17	0 51	22 53	0 32	11 31	0 28	18 53	1 41	15 27	15 50	17 28	17 46	14 17	4 37	2 59
T 7	6 8	11 44	1 17	0 59	0s 1	4 43	8 7	3 52	0 25	20 18	0 51	22 53	0 32	11 32	0 28	18 53	1 41	15 26	15 49	17 27	17 45	14 20	4 36	2 59
F 8	5 45	17 24	0 1	1 43	0 9	4 57	8 0	4 8	0 25	20 19	0 51	22 53	0 32	11 33	0 28	18 53	1 41	15 25	15 49	17 27	17 45	14 23	4 35	2 59
S 9	5 23	22 0	1n15	2 26	0 17	5 11	7 53	4 24	0 24	20 19	0 51	22 53	0 31	11 34	0 28	18 53	1 41	15 24	15 49	17 27	17 44	14 25	4 34	2 59
S 10	5 0	25 14	2 24	3 9	0 24	5 25	7 45	4 40	0 24	20 20	0 51	22 53	0 31	11 35	0 28	18 53	1 41	15 23	15 49	17 27	17 43	14 28	4 33	2 59
M11	4 37	26 53	3 25	3 51	0 32	5 38	7 36	4 56	0 23	20 21	0 51	22 53	0 31	11 36	0 28	18 53	1 42	15 22	15 49	17 27	17 42	14 31	4 31	2 59
T 12	4 14	26 53	4 12	4 33	0 40	5 51	7 27	5 12	0 22	20 22	0 51	22 54	0 31	11 37	0 28	18 53	1 42	15 21	15 49	17 26	17 41	14 34	4 30	2 59
W13	3 51	25 18	4 45	5 14	0 48	6 4	7 18	5 28	0 22	20 22	0 51	22 54	0 31	11 38	0 28	18 53	1 42	15 20	15 49	17 25	17 40	14 37	4 29	2 59
T 14	3 28	22 23	5 2	5 55	0 56	6 16	7 9	5 43	0 21	20 23	0 51	22 54	0 31	11 39	0 28	18 53	1 42	15 19	15 49	17 23	17 39	14 40	4 28	2 59
F 15	3 5	18 23	5 4	6 35	1 4	6 28	6 59	5 59	0 21	20 24	0 51	22 54	0 31	11 40	0 28	18 52	1 42	15 19	15 49	17 20	17 39	14 43	4 27	2 59
S 16	2 42	13 37	4 50	7 15	1 11	6 39	6 48	6 15	0 20	20 24	0 51	22 54	0 31	11 42	0 28	18 52	1 42	15 18	15 49	17 17	17 38	14 46	4 26	2 59
S 17	2 18	8 21	4 22	7 54	1 19	6 49	6 38	6 31	0 19	20 25	0 51	22 54	0 30	11 43	0 28	18 52	1 42	15 17	15 49	17 15	17 37	14 49	4 25	2 59
M18	1 55	2 51	3 43	8 32	1 27	6 59	6 27	6 47	0 19	20 25	0 51	22 54	0 30	11 44	0 28	18 52	1 42	15 16	15 49	17 12	17 36	14 51	4 24	2 59
T 19	1 32	2s41	2 53	9 10	1 35	7 8	6 17	7 3	0 18	20 26	0 51	22 54	0 30	11 45	0 28	18 52	1 42	15 15	15 49	17 10	17 35	14 54	4 22	2 59
W20	1 8	8 4	1 57	9 46	1 42	7 17	6 6	7 19	0 17	20 26	0 51	22 54	0 30	11 46	0 28	18 52	1 42	15 14	15 49	17 9	17 34	14 57	4 21	2 59
T 21	0 45	13 7	0 55	10 22	1 50	7 25	5 55	7 34	0 17	20 26	0 51	22 55	0 30	11 47	0 28	18 52	1 42	15 13	15 49	17 8	17 33	15 0	4 20	2 59
F 22	0 21	17 40	0s 8	10 57	1 57	7 32	5 44	7 50	0 16	20 27	0 51	22 55	0 30	11 48	0 28	18 51	1 42	15 12	15 49	17 8	17 32	15 3	4 19	2 59
S 23	0s 2	21 32	1 11	11 31	2 5	7 38	5 32	8 6	0 16	20 27	0 51	22 55	0 30	11 49	0 28	18 51	1 42	15 11	15 49	17 8	17 32	15 6	4 18	2 59
S 24	0 26	24 32	2 12	12 5	2 12	7 44	5 21	8 21	0 15	20 27	0 51	22 55	0 30	11 51	0 28	18 51	1 42	15 11	15 49	17 8	17 31	15 9	4 17	2 58
M25	0 49	26 29	3 7	12 37	2 19	7 49	5 10	8 37	0 14	20 27	0 51	22 55	0 29	11 52	0 28	18 51	1 42	15 10	15 49	17 9	17 30	15 11	4 15	2 58
T 26	1 12	27 13	3 55	13 8	2 26	7 54	4 59	8 52	0 14	20 27	0 51	22 55	0 29	11 53	0 28	18 51	1 42	15 9	15 50	17 9	17 29	15 14	4 14	2 58
W27	1 36	26 34	4 34	13 38	2 32	7 58	4 48	9 8	0 13	20 27	0 51	22 55	0 29	11 54	0 28	18 51	1 42	15 8	15 50	17 8	17 28	15 17	4 13	2 58
T 28	1 59	24 30	4 59	14 7	2 38	8 1	4 37	9 23	0 13	20 27	0 51	22 55	0 29	11 55	0 28	18 50	1 42	15 7	15 50	17 8	17 27	15 20	4 12	2 58
F 29	2 23	21 2	5 10	14 35	2 45	8 3	4 26	9 39	0 12	20 27	0 51	22 55	0 29	11 57	0 28	18 50	1 42	15 7	15 50	17 6	17 26	15 23	4 11	2 58
S 30	2s46	16s19	5s 3	15s 1	2s50	8n 5	4s15	9s54	0n11	20s27	0s51	22s55	0n29	11s58	0n28	18n50	1s42	15n 6	15n50	17n 5	17n26	15s26	4n10	2n58

Julian Day Number = 2350981.5, Delta T = 10.61 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'48, Lahiri = 20°00'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

OCTOBER 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 31	7♎57'11	14♓ 2	3♏26	28♌46	26♎44	2♒31	4♑36	2♏40	1°R33	28♍31	17°R23	18♉41	13♏30	3°R34	S 1
M 2	0 43 28	8°56'20	28°42	4°20	29°15	27°25	2°32	4°38	2°43	1♊32	28°33	17♉17	18°38	13°37	3♈31	M 2
T 3	0 47 24	9°55'30	13♈37	5°11	29°45	28° 6	2°33	4°40	2°47	1°31	28°35	17°12	18°35	13°44	3°28	T 3
W 4	0 51 21	10°54'43	28°39	5°59	0♍16	28°47	2°34	4°43	2°50	1°30	28°38	17° 9	18°32	13°50	3°25	W 4
T 5	0 55 18	11°53'58	13♉39	6°43	0°49	29°27	2°35	4°45	2°54	1°29	28°40	17°D 8	18°28	13°57	3°23	T 5
F 6	0 59 14	12°53'15	28°29	7°22	1°24	0♏ 8	2°36	4°48	2°57	1°28	28°42	17° 8	18°25	14° 4	3°20	F 6
S 7	1 3 11	13°52'35	13♊ 2	7°58	1°59	0°49	2°38	4°51	3° 1	1°27	28°44	17° 9	18°22	14°10	3°17	S 7
S 8	1 7 7	14°51'57	27°16	8°28	2°37	1°30	2°40	4°54	3° 5	1°26	28°46	17°11	18°19	14°17	3°14	S 8
M 9	1 11 4	15°51'21	11♋ 8	8°53	3°15	2°11	2°42	4°57	3° 8	1°25	28°49	17°R12	18°16	14°24	3°12	M 9
T 10	1 15 0	16°50'47	24°40	9°12	3°55	2°53	2°44	5° 0	3°12	1°24	28°51	17°12	18°12	14°30	3° 9	T 10
W11	1 18 57	17°50'16	7♌53	9°24	4°35	3°34	2°46	5° 3	3°16	1°23	28°53	17°10	18° 9	14°37	3° 6	W11
T 12	1 22 53	18°49'48	20°48	9°R30	5°17	4°15	2°49	5° 6	3°19	1°22	28°55	17° 7	18° 6	14°43	3° 4	T 12
F 13	1 26 50	19°49'21	3♍28	9°28	6° 0	4°56	2°51	5° 9	3°23	1°21	28°57	17° 3	18° 3	14°50	3° 1	F 13
S 14	1 30 47	20°48'57	15°55	9°18	6°44	5°38	2°54	5°12	3°27	1°19	29° 0	16°59	18° 0	14°57	2°58	S 14
S 15	1 34 43	21°48'34	28°10	9° 0	7°29	6°19	2°58	5°16	3°30	1°18	29° 2	16°54	17°57	15° 3	2°56	S 15
M16	1 38 40	22°48'14	10♎16	8°33	8°15	7° 1	3° 1	5°19	3°34	1°17	29° 4	16°50	17°53	15°10	2°53	M16
T 17	1 42 36	23°47'56	22°14	7°57	9° 2	7°42	3° 4	5°23	3°38	1°16	29° 6	16°47	17°50	15°17	2°50	T 17
W18	1 46 33	24°47'40	4♏ 6	7°13	9°50	8°24	3° 8	5°27	3°41	1°14	29° 8	16°46	17°47	15°23	2°48	W18
T 19	1 50 29	25°47'26	15°54	6°20	10°39	9° 5	3°12	5°30	3°45	1°13	29°10	16°D45	17°44	15°30	2°45	T 19
F 20	1 54 26	26°47'14	27°40	5°20	11°28	9°47	3°16	5°34	3°49	1°12	29°12	16°45	17°41	15°37	2°43	F 20
S 21	1 58 22	27°47'04	9♐27	4°12	12°18	10°29	3°20	5°38	3°53	1°10	29°14	16°47	17°37	15°43	2°40	S 21
S 22	2 2 19	28°46'56	21°19	3° 0	13° 9	11°11	3°25	5°42	3°56	1° 9	29°16	16°48	17°34	15°50	2°38	S 22
M23	2 6 16	29°46'49	3♑20	1°45	14° 1	11°53	3°29	5°46	4° 0	1° 8	29°18	16°50	17°31	15°57	2°35	M23
T 24	2 10 12	0♏46'45	15°32	0°28	14°54	12°35	3°34	5°50	4° 4	1° 6	29°20	16°51	17°28	16° 3	2°33	T 24
W25	2 14 9	1°46'41	28° 2	29♎12	15°47	13°17	3°39	5°55	4° 8	1° 5	29°22	16°R51	17°25	16°10	2°31	W25
T 26	2 18 5	2°46'40	10♒53	28° 0	16°41	13°59	3°44	5°59	4°11	1° 3	29°24	16°51	17°22	16°17	2°28	T 26
F 27	2 22 2	3°46'40	24°10	26°54	17°35	14°41	3°50	6° 3	4°15	1° 2	29°26	16°50	17°18	16°23	2°26	F 27
S 28	2 25 58	4°46'42	7♓53	25°55	18°30	15°23	3°55	6° 8	4°19	1° 0	29°28	16°49	17°15	16°30	2°24	S 28
S 29	2 29 55	5°46'45	22° 4	25° 6	19°26	16° 5	4° 1	6°12	4°23	0°59	29°30	16°48	17°12	16°36	2°22	S 29
M30	2 33 51	6°46'50	6♈41	24°28	20°22	16°47	4° 7	6°17	4°26	0°57	29°32	16°47	17° 9	16°43	2°19	M30
T 31	2 37 48	7♏46'56	21♈39	24♎ 0	21♍19	17♏30	4♒13	6♑22	4♏30	0♊56	29♍34	16♉46	17♉ 6	16♏50	2♈17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	3s10	10s34	4s38	15s26	2s56	8n 6	4s 5	10s 9	0n11	20s27	0s51	22s55	0n29	11s59	0n28	18n50	1s42	15n 5	15n50	17n 3	17n25	15s28	4n 8	2n58	
M 2	3 33	4 5	3 53	15 49	3 1	8 6	3 54	10 25	0 10	20 27	0 51	22 55	0 29	12 0	0 28	18 50	1 43	15 4	15 50	17 1	17 24	15 31	4 7	2 58	
T 3	3 56	2n44	2 52	16 11	3 5	8 6	3 43	10 40	0 10	20 27	0 51	22 55	0 28	12 1	0 28	18 49	1 43	15 3	15 50	17 0	17 23	15 34	4 6	2 58	
W 4	4 19	9 28	1 39	16 31	3 9	8 4	3 33	10 55	0 9	20 26	0 50	22 55	0 28	12 3	0 28	18 49	1 43	15 3	15 50	16 59	17 22	15 37	4 5	2 58	
T 5	4 43	15 40	0 19	16 49	3 13	8 3	3 22	11 10	0 8	20 26	0 50	22 55	0 28	12 4	0 28	18 49	1 43	15 2	15 51	16 59	17 21	15 40	4 4	2 58	
F 6	5 6	20 51	1n 2	17 5	3 16	8 0	3 12	11 25	0 8	20 26	0 50	22 55	0 28	12 5	0 28	18 49	1 43	15 1	15 51	16 59	17 20	15 43	4 2	2 57	
S 7	5 29	24 40	2 17	17 19	3 18	7 57	3 2	11 40	0 7	20 25	0 50	22 55	0 28	12 6	0 27	18 48	1 43	15 0	15 51	16 59	17 19	15 45	4 1	2 57	
S 8	5 52	26 49	3 22	17 30	3 20	7 53	2 52	11 55	0 6	20 25	0 50	22 55	0 28	12 8	0 27	18 48	1 43	15 0	15 51	16 59	17 18	15 48	4 0	2 57	
M 9	6 15	27 13	4 14	17 39	3 21	7 48	2 42	12 10	0 6	20 24	0 50	22 55	0 28	12 9	0 27	18 48	1 43	14 59	15 51	17 0	17 18	15 51	3 59	2 57	
T 10	6 38	25 58	4 50	17 45	3 20	7 43	2 33	12 24	0 5	20 24	0 50	22 55	0 28	12 10	0 27	18 48	1 43	14 58	15 51	17 0	17 17	15 54	3 58	2 57	
W11	7 1	23 18	5 9	17 47	3 19	7 37	2 23	12 39	0 5	20 23	0 50	22 55	0 27	12 11	0 27	18 47	1 43	14 58	15 52	16 59	17 16	15 57	3 56	2 57	
T 12	7 23	19 31	5 13	17 47	3 17	7 31	2 14	12 54	0 4	20 22	0 50	22 55	0 27	12 13	0 27	18 47	1 43	14 57	15 52	16 58	17 15	15 59	3 55	2 57	
F 13	7 46	14 55	5 1	17 43	3 13	7 24	2 5	13 8	0 3	20 22	0 50	22 55	0 27	12 14	0 27	18 47	1 43	14 56	15 52	16 57	17 14	16 2	3 54	2 57	
S 14	8 8	9 47	4 35	17 35	3 8	7 16	1 56	13 22	0 3	20 21	0 50	22 55	0 27	12 15	0 27	18 47	1 43	14 56	15 52	16 56	17 13	16 5	3 53	2 57	
S 15	8 31	4 21	3 56	17 23	3 1	7 7	1 47	13 37	0 2	20 20	0 50	22 55	0 27	12 16	0 27	18 46	1 43	14 55	15 53	16 55	17 12	16 8	3 52	2 56	
M16	8 53	1s12	3 8	17 6	2 53	6 59	1 38	13 51	0 2	20 19	0 50	22 55	0 27	12 18	0 27	18 46	1 43	14 54	15 53	16 54	17 11	16 11	3 51	2 56	
T 17	9 15	6 38	2 11	16 45	2 43	6 49	1 29	14 5	0 1	20 19	0 50	22 55	0 27	12 19	0 27	18 46	1 43	14 54	15 53	16 53	17 11	16 13	3 49	2 56	
W18	9 37	11 49	1 9	16 19	2 31	6 39	1 21	14 19	0 0	20 18	0 50	22 55	0 27	12 20	0 27	18 45	1 43	14 53	15 53	16 52	17 10	16 16	3 48	2 56	
T 19	9 59	16 33	0 5	15 49	2 18	6 28	1 13	14 33	0s 0	20 17	0 50	22 55	0 26	12 22	0 27	18 45	1 43	14 53	15 54	16 52	17 9	16 19	3 47	2 56	
F 20	10 21	20 39	1s 0	15 15	2 3	6 17	1 4	14 47	0 1	20 16	0 50	22 55	0 26	12 23	0 27	18 45	1 43	14 52	15 54	16 52	17 8	16 22	3 46	2 56	
S 21	10 42	23 55	2 2	14 36	1 46	6 5	0 56	15 1	0 1	20 15	0 50	22 55	0 26	12 24	0 27	18 45	1 43	14 51	15 54	16 53	17 7	16 24	3 45	2 56	
S 22	11 4	26 11	3 0	13 54	1 27	5 53	0 49	15 14	0 2	20 13	0 49	22 55	0 26	12 25	0 27	18 44	1 43	14 51	15 54	16 53	17 6	16 27	3 44	2 55	
M23	11 25	27 16	3 50	13 10	1 8	5 40	0 41	15 28	0 3	20 12	0 49	22 55	0 26	12 27	0 27	18 44	1 43	14 50	15 55	16 53	17 5	16 30	3 43	2 55	
T 24	11 46	27 3	4 31	12 24	0 48	5 27	0 34	15 41	0 3	20 11	0 49	22 55	0 26	12 28	0 27	18 44	1 43	14 50	15 55	16 54	17 4	16 33	3 42	2 55	
W25	12 7	25 29	5 0	11 38	0 27	5 13	0 26	15 55	0 4	20 10	0 49	22 55	0 26	12 29	0 27	18 43	1 43	14 49	15 55	16 54	17 3	16 36	3 40	2 55	
T 26	12 27	22 35	5 15	10 53	0 6	4 58	0 19	16 8	0 4	20 9	0 49	22 55	0 26	12 30	0 27	18 43	1 43	14 49	15 56	16 54	17 2	16 38	3 39	2 55	
F 27	12 48	18 26	5 15	10 10	0n14	4 44	0 12	16 21	0 5	20 7	0 49	22 55	0 26	12 32	0 27	18 43	1 43	14 48	15 56	16 54	17 2	16 41	3 38	2 55	
S 28	13 8	13 12	4 56	9 31	0 33	4 28	0 5	16 34	0 6	20 6	0 49	22 55	0 25	12 33	0 27	18 42	1 43	14 48	15 56	16 53	17 1	16 44	3 37	2 54	
S 29	13 28	7 7	4 19	8 56	0 51	4 13	0n 2	16 47	0 6	20 5	0 49	22 55	0 25	12 34	0 27	18 42	1 43	14 47	15 57	16 53	17 0	16 47	3 36	2 54	
M30	13 48	0 28	3 25	8 27	1 8	3 57	0 8	16 59	0 7	20 3	0 49	22 54	0 25	12 36	0 27	18 42	1 43	14 47	15 57	16 53	16 59	16 49	3 35	2 54	
T 31	14s 8	6n22	2s15	8s 3	1n22	3n40	0n14	17s12	0s 8	20s 2	0s49	22s54	0n25	12s37	0n27	18n41	1s43	14n46	15n57	16n52	16n58	16s52	3n34	2n54	

Julian Day Number = 2351011.5, Delta T = 10.62 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'52, Lahiri = 20°00'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

NOVEMBER 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 45	8♏47'04	6♉49	23°R45	22♍17	18♏12	4♒19	6♑26	4♏34	0°R54	29♍36	16°R45	17♉ 3	16♏56	2°R15	W 1
T 2	2 45 41	9°47'14	22° 3	23°D41	23°15	18°54	4°25	6°31	4°38	0♊53	29°38	16°D45	16°59	17° 3	2♈13	T 2
F 3	2 49 38	10°47'27	7♊11	23♎48	24°13	19°37	4°32	6°36	4°41	0°51	29°40	16♉45	16°56	17°10	2°11	F 3
S 4	2 53 34	11°47'41	22° 3	24° 5	25°12	20°19	4°38	6°41	4°45	0°50	29°42	16°46	16°53	17°16	2° 9	S 4
S 5	2 57 31	12°47'57	6♋34	24°33	26°12	21° 2	4°45	6°46	4°49	0°48	29°43	16°46	16°50	17°23	2° 7	S 5
M 6	3 1 27	13°48'15	20°40	25° 9	27°12	21°44	4°52	6°51	4°53	0°47	29°45	16°46	16°47	17°30	2° 5	M 6
T 7	3 5 24	14°48'35	4♌20	25°54	28°12	22°27	4°59	6°56	4°56	0°45	29°47	16°47	16°43	17°36	2° 3	T 7
W 8	3 9 20	15°48'57	17°34	26°45	29°13	23°10	5° 7	7° 2	5° 0	0°43	29°49	16°R47	16°40	17°43	2° 1	W 8
T 9	3 13 17	16°49'21	0♍26	27°43	0♎14	23°53	5°14	7° 7	5° 4	0°42	29°50	16°D47	16°37	17°50	2° 0	T 9
F 10	3 17 14	17°49'47	12°58	28°47	1°16	24°36	5°22	7°12	5° 7	0°40	29°52	16°47	16°34	17°56	1°58	F 10
S 11	3 21 10	18°50'14	25°14	29°55	2°18	25°18	5°29	7°18	5°11	0°38	29°54	16°47	16°31	18° 3	1°56	S 11
S 12	3 25 7	19°50'44	7♎19	1♏ 8	3°21	26° 1	5°37	7°23	5°15	0°37	29°55	16°47	16°28	18° 9	1°54	S 12
M13	3 29 3	20°51'15	19°15	2°24	4°23	26°44	5°45	7°29	5°18	0°35	29°57	16°48	16°24	18°16	1°53	M13
T 14	3 33 0	21°51'48	1♏ 5	3°43	5°27	27°28	5°54	7°34	5°22	0°33	29°58	16°48	16°21	18°23	1°51	T 14
W15	3 36 56	22°52'23	12°53	5° 4	6°30	28°11	6° 2	7°40	5°26	0°32	0♎ 0	16°R48	16°18	18°29	1°50	W15
T 16	3 40 53	23°52'59	24°40	6°28	7°34	28°54	6°10	7°46	5°29	0°30	0° 2	16°48	16°15	18°36	1°48	T 16
F 17	3 44 49	24°53'37	6♐28	7°53	8°38	29°37	6°19	7°51	5°33	0°28	0° 3	16°48	16°12	18°43	1°47	F 17
S 18	3 48 46	25°54'16	18°21	9°20	9°43	0♐20	6°28	7°57	5°37	0°27	0° 5	16°47	16° 9	18°49	1°45	S 18
S 19	3 52 43	26°54'57	0♑20	10°49	10°48	1° 4	6°37	8° 3	5°40	0°25	0° 6	16°45	16° 5	18°56	1°44	S 19
M20	3 56 39	27°55'39	12°27	12°18	11°53	1°47	6°46	8° 9	5°44	0°23	0° 7	16°44	16° 2	19° 3	1°43	M20
T 21	4 0 36	28°56'22	24°45	13°48	12°58	2°31	6°55	8°15	5°47	0°22	0° 9	16°42	15°59	19° 9	1°42	T 21
W22	4 4 32	29°57'06	7♒17	15°19	14° 4	3°14	7° 4	8°21	5°51	0°20	0°10	16°41	15°56	19°16	1°40	W22
T 23	4 8 29	0♐57'51	20° 6	16°50	15°10	3°58	7°14	8°27	5°54	0°18	0°12	16°40	15°53	19°23	1°39	T 23
F 24	4 12 25	1°58'37	3♓15	18°22	16°16	4°41	7°23	8°33	5°58	0°16	0°13	16°D39	15°49	19°29	1°38	F 24
S 25	4 16 22	2°59'25	16°47	19°54	17°22	5°25	7°33	8°39	6° 1	0°15	0°14	16°40	15°46	19°36	1°37	S 25
S 26	4 20 18	4° 0'13	0♈43	21°27	18°29	6° 9	7°43	8°46	6° 5	0°13	0°15	16°41	15°43	19°43	1°36	S 26
M27	4 24 15	5° 1'02	15° 4	22°59	19°36	6°52	7°53	8°52	6° 8	0°11	0°17	16°42	15°40	19°49	1°35	M27
T 28	4 28 12	6° 1'52	29°47	24°32	20°43	7°36	8° 3	8°58	6°12	0°10	0°18	16°43	15°37	19°56	1°35	T 28
W29	4 32 8	7° 2'42	14♉47	26° 5	21°50	8°20	8°13	9° 4	6°15	0° 8	0°19	16°R44	15°34	20° 2	1°34	W29
T 30	4 36 5	8♐ 3'34	29♉56	27♏38	22♎58	9♐ 4	8♒23	9♑11	6♏18	0♊ 6	0♎20	16♉44	15♉30	20♏ 9	1♈33	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s27	12n57	0s55	7s45	1n35	3n23	0n21	17s24	0s 8	20s 0	0s49	22s54	0n25	12s38	0n27	18n41	1s43	14n46	15n58	16n52	16n57	16s55	3n33	2n54
T 2	14 46	18 47	0n29	7 33	1 47	3 6	0 27	17 37	0 9	19 59	0 49	22 54	0 25	12 39	0 27	18 41	1 43	14 46	15 58	16 52	16 56	16 58	3 32	2 54
F 3	15 5	23 22	1 51	7 27	1 56	2 48	0 33	17 49	0 9	19 57	0 49	22 54	0 25	12 41	0 27	18 40	1 44	14 45	15 58	16 52	16 55	17 0	3 31	2 53
S 4	15 24	26 18	3 4	7 27	2 3	2 30	0 38	18 1	0 10	19 55	0 49	22 54	0 25	12 42	0 27	18 40	1 44	14 45	15 59	16 52	16 54	17 3	3 30	2 53
S 5	15 42	27 22	4 3	7 31	2 9	2 11	0 44	18 13	0 11	19 54	0 49	22 54	0 25	12 43	0 27	18 40	1 44	14 44	15 59	16 52	16 53	17 6	3 29	2 53
M 6	16 0	26 35	4 46	7 40	2 14	1 52	0 49	18 24	0 11	19 52	0 49	22 53	0 25	12 44	0 27	18 39	1 44	14 44	15 59	16 53	16 53	17 8	3 28	2 53
T 7	16 18	24 14	5 11	7 54	2 17	1 33	0 55	18 36	0 12	19 50	0 49	22 53	0 24	12 46	0 27	18 39	1 44	14 44	16 0	16 53	16 52	17 11	3 27	2 53
W 8	16 36	20 38	5 18	8 11	2 18	1 13	1 0	18 48	0 12	19 48	0 48	22 53	0 24	12 47	0 27	18 39	1 44	14 43	16 0	16 53	16 51	17 14	3 26	2 52
T 9	16 53	16 9	5 9	8 31	2 19	0 54	1 5	18 59	0 13	19 46	0 48	22 53	0 24	12 48	0 27	18 38	1 44	14 43	16 1	16 53	16 50	17 17	3 26	2 52
F 10	17 10	11 6	4 46	8 55	2 18	0 33	1 9	19 10	0 14	19 44	0 48	22 53	0 24	12 49	0 27	18 38	1 44	14 43	16 1	16 53	16 49	17 19	3 25	2 52
S 11	17 27	5 42	4 9	9 20	2 16	0 13	1 14	19 21	0 14	19 42	0 48	22 53	0 24	12 51	0 27	18 38	1 44	14 43	16 2	16 53	16 48	17 22	3 24	2 52
S 12	17 44	0 12	3 22	9 47	2 14	0s 8	1 19	19 32	0 15	19 40	0 48	22 52	0 24	12 52	0 27	18 37	1 44	14 42	16 2	16 53	16 47	17 25	3 23	2 52
M13	18 0	5s16	2 27	10 16	2 11	0 29	1 23	19 42	0 15	19 38	0 48	22 52	0 24	12 53	0 27	18 37	1 44	14 42	16 2	16 53	16 46	17 27	3 22	2 51
T 14	18 16	10 31	1 26	10 47	2 7	0 50	1 27	19 53	0 16	19 36	0 48	22 52	0 24	12 54	0 27	18 37	1 44	14 42	16 3	16 53	16 45	17 30	3 21	2 51
W15	18 31	15 23	0 22	11 18	2 3	1 12	1 31	20 3	0 17	19 34	0 48	22 52	0 24	12 56	0 27	18 36	1 44	14 42	16 3	16 53	16 44	17 33	3 21	2 51
T 16	18 46	19 40	0s44	11 50	1 58	1 33	1 35	20 13	0 17	19 32	0 48	22 51	0 24	12 57	0 27	18 36	1 44	14 41	16 4	16 53	16 43	17 35	3 20	2 51
F 17	19 1	23 11	1 47	12 23	1 53	1 55	1 39	20 23	0 18	19 30	0 48	22 51	0 23	12 58	0 27	18 36	1 44	14 41	16 4	16 53	16 43	17 38	3 19	2 51
S 18	19 16	25 44	2 46	12 56	1 47	2 17	1 42	20 33	0 18	19 28	0 48	22 51	0 23	12 59	0 27	18 35	1 44	14 41	16 5	16 53	16 42	17 41	3 18	2 50
S 19	19 30	27 7	3 39	13 29	1 41	2 40	1 46	20 43	0 19	19 25	0 48	22 51	0 23	13 0	0 27	18 35	1 44	14 41	16 5	16 52	16 41	17 43	3 18	2 50
M20	19 44	27 14	4 22	14 2	1 35	3 2	1 49	20 52	0 20	19 23	0 48	22 50	0 23	13 1	0 27	18 34	1 44	14 41	16 6	16 52	16 40	17 46	3 17	2 50
T 21	19 57	26 2	4 54	14 35	1 29	3 25	1 52	21 1	0 20	19 21	0 48	22 50	0 23	13 3	0 27	18 34	1 44	14 41	16 6	16 51	16 39	17 49	3 16	2 50
W22	20 10	23 31	5 13	15 8	1 22	3 47	1 55	21 10	0 21	19 18	0 48	22 50	0 23	13 4	0 27	18 34	1 44	14 41	16 7	16 51	16 38	17 52	3 16	2 50
T 23	20 23	19 48	5 16	15 41	1 16	4 10	1 58	21 19	0 21	19 16	0 48	22 50	0 23	13 5	0 27	18 33	1 44	14 41	16 7	16 51	16 37	17 54	3 15	2 49
F 24	20 35	15 3	5 4	16 13	1 9	4 33	2 1	21 28	0 22	19 13	0 48	22 49	0 23	13 6	0 27	18 33	1 44	14 40	16 8	16 50	16 36	17 57	3 14	2 49
S 25	20 47	9 26	4 34	16 45	1 2	4 56	2 3	21 36	0 22	19 11	0 48	22 49	0 23	13 7	0 27	18 33	1 44	14 40	16 8	16 51	16 35	17 59	3 14	2 49
S 26	20 59	3 12	3 48	17 16	0 55	5 19	2 6	21 45	0 23	19 8	0 48	22 49	0 23	13 8	0 27	18 32	1 44	14 40	16 9	16 51	16 34	18 2	3 13	2 49
M27	21 10	3n23	2 46	17 47	0 48	5 42	2 8	21 53	0 24	19 6	0 48	22 48	0 22	13 10	0 27	18 32	1 44	14 40	16 9	16 51	16 33	18 5	3 13	2 49
T 28	21 21	9 58	1 32	18 17	0 41	6 6	2 10	22 1	0 24	19 3	0 48	22 48	0 22	13 11	0 27	18 32	1 44	14 40	16 10	16 52	16 32	18 7	3 12	2 48
W29	21 31	16 7	0 11	18 46	0 34	6 29	2 12	22 8	0 25	19 0	0 48	22 48	0 22	13 12	0 27	18 31	1 44	14 40	16 10	16 52	16 31	18 10	3 12	2 48
T 30	21s41	21n21	1n12	19s14	0n27	6s52	2n14	22s16	0s25	18s58	0s48	22s47	0n22	13s13	0n27	18n31	1s44	14n40	16n11	16n52	16n31	18s13	3n11	2n48

Julian Day Number = 2351042.5, Delta T = 10.62 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°53'56, Lahiri = 20°00'57Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1724
geocentric

DECEMBER 1724 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 1	9♐ 4'28	15♊ 7	29♏12	24♎ 6	9♐48	8♒33	9♑17	6♏22	0°R 5	0♎21	16°R42	15♉27	20♏16	1°R32	F 1
S 2	4 43 58	10° 5'22	0♋ 8	0♐45	25°14	10°32	8°44	9°24	6°25	0♊ 3	0°22	16♉39	15°24	20°22	1♈32	S 2
S 3	4 47 54	11° 6'17	14°52	2°18	26°22	11°16	8°55	9°30	6°28	0° 1	0°23	16°36	15°21	20°29	1°31	S 3
M 4	4 51 51	12° 7'14	29°11	3°52	27°30	12° 0	9° 5	9°37	6°31	29♉59	0°24	16°32	15°18	20°36	1°31	M 4
T 5	4 55 48	13° 8'11	13♌ 3	5°25	28°39	12°44	9°16	9°43	6°35	29°58	0°25	16°29	15°15	20°42	1°30	T 5
W 6	4 59 44	14° 9'10	26°25	6°59	29°48	13°28	9°27	9°50	6°38	29°56	0°26	16°26	15°11	20°49	1°30	W 6
T 7	5 3 41	15°10'10	9♍22	8°32	0♏57	14°13	9°38	9°57	6°41	29°55	0°27	16°25	15° 8	20°56	1°29	T 7
F 8	5 7 37	16°11'11	21°54	10° 6	2° 6	14°57	9°49	10° 3	6°44	29°53	0°28	16°D25	15° 5	21° 2	1°29	F 8
S 9	5 11 34	17°12'13	4♎ 9	11°40	3°15	15°41	10° 0	10°10	6°47	29°52	0°29	16°26	15° 2	21° 9	1°29	S 9
S 10	5 15 30	18°13'16	16° 9	13°14	4°25	16°26	10°12	10°17	6°50	29°50	0°30	16°28	14°59	21°16	1°29	S 10
M11	5 19 27	19°14'20	28° 0	14°47	5°34	17°10	10°23	10°23	6°53	29°48	0°31	16°30	14°55	21°22	1°29	M11
T 12	5 23 23	20°15'25	9♏47	16°21	6°44	17°55	10°35	10°30	6°56	29°47	0°31	16°31	14°52	21°29	1°D29	T 12
W13	5 27 20	21°16'31	21°33	17°56	7°54	18°39	10°46	10°37	6°59	29°45	0°32	16°R31	14°49	21°35	1°29	W13
T 14	5 31 17	22°17'37	3♐22	19°30	9° 4	19°24	10°58	10°44	7° 2	29°44	0°33	16°29	14°46	21°42	1°29	T 14
F 15	5 35 13	23°18'45	15°16	21° 4	10°14	20° 9	11°10	10°51	7° 5	29°42	0°34	16°26	14°43	21°49	1°29	F 15
S 16	5 39 10	24°19'53	27°18	22°39	11°24	20°53	11°22	10°57	7° 8	29°41	0°34	16°21	14°40	21°55	1°29	S 16
S 17	5 43 6	25°21'01	9♑29	24°14	12°35	21°38	11°34	11° 4	7°11	29°39	0°35	16°14	14°36	22° 2	1°29	S 17
M18	5 47 3	26°22'10	21°49	25°49	13°45	22°23	11°46	11°11	7°14	29°38	0°35	16° 6	14°33	22° 9	1°29	M18
T 19	5 50 59	27°23'20	4♒21	27°24	14°56	23° 8	11°58	11°18	7°16	29°36	0°36	15°58	14°30	22°15	1°30	T 19
W20	5 54 56	28°24'29	17° 5	28°59	16° 7	23°53	12°10	11°25	7°19	29°35	0°36	15°51	14°27	22°22	1°30	W20
T 21	5 58 52	29°25'39	0♓ 2	0♑35	17°18	24°38	12°23	11°32	7°22	29°33	0°37	15°46	14°24	22°29	1°31	T 21
F 22	6 2 49	0♑26'48	13°13	2°11	18°29	25°23	12°35	11°39	7°24	29°32	0°37	15°42	14°21	22°35	1°31	F 22
S 23	6 6 46	1°27'58	26°40	3°47	19°40	26° 8	12°47	11°46	7°27	29°30	0°38	15°D41	14°17	22°42	1°32	S 23
S 24	6 10 42	2°29'07	10♈25	5°23	20°51	26°53	13° 0	11°53	7°30	29°29	0°38	15°41	14°14	22°49	1°32	S 24
M25	6 14 39	3°30'17	24°29	7° 0	22° 3	27°38	13°13	12° 0	7°32	29°28	0°38	15°42	14°11	22°55	1°33	M25
T 26	6 18 35	4°31'26	8♉50	8°37	23°14	28°23	13°25	12° 7	7°34	29°26	0°38	15°R43	14° 8	23° 2	1°34	T 26
W27	6 22 32	5°32'36	23°27	10°14	24°25	29° 8	13°38	12°14	7°37	29°25	0°39	15°43	14° 5	23° 9	1°35	W27
T 28	6 26 28	6°33'45	8♊16	11°51	25°37	29°54	13°51	12°21	7°39	29°24	0°39	15°41	14° 1	23°15	1°36	T 28
F 29	6 30 25	7°34'54	23°10	13°29	26°49	0♑39	14° 4	12°28	7°42	29°23	0°39	15°36	13°58	23°22	1°36	F 29
S 30	6 34 21	8°36'03	8♋ 2	15° 7	28° 1	1°24	14°17	12°35	7°44	29°21	0°39	15°29	13°55	23°28	1°37	S 30
S 31	6 38 18	9♑37'13	22♋42	16♑45	29♏12	2♑10	14♒30	12♑43	7♏46	29♉20	0♎39	15♉21	13♉52	23♏35	1♈38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s51	25n 8	2n30	19s42	0n19	7s15	2n16	22s23	0s26	18s55	0s47	22s47	0n22	13s14	0n27	18n31	1s44	14n40	16n11	16n51	16n30	18s15	3n11	2n48	F 1
S 2	22 0	27 6	3 37	20 8	0 12	7 39	2 17	22 30	0 27	18 52	0 47	22 47	0 22	13 15	0 27	18 30	1 44	14 40	16 12	16 50	16 29	18 18	3 10	2 47	S 2
S 3	22 9	27 5	4 28	20 34	0 5	8 2	2 19	22 37	0 27	18 49	0 47	22 46	0 22	13 16	0 27	18 30	1 44	14 40	16 12	16 49	16 28	18 21	3 10	2 47	S 3
M 4	22 17	25 15	5 0	20 59	0s 1	8 25	2 20	22 43	0 28	18 46	0 47	22 46	0 22	13 17	0 27	18 30	1 43	14 41	16 13	16 48	16 27	18 23	3 9	2 47	M 4
T 5	22 25	21 56	5 14	21 23	0 8	8 49	2 21	22 50	0 28	18 43	0 47	22 45	0 22	13 18	0 27	18 29	1 43	14 41	16 13	16 47	16 26	18 26	3 9	2 47	T 5
W 6	22 32	17 34	5 10	21 45	0 15	9 12	2 22	22 56	0 29	18 41	0 47	22 45	0 22	13 19	0 27	18 29	1 43	14 41	16 14	16 47	16 25	18 28	3 9	2 47	W 6
T 7	22 39	12 32	4 50	22 7	0 22	9 35	2 23	23 2	0 29	18 38	0 47	22 45	0 22	13 20	0 27	18 29	1 43	14 41	16 14	16 46	16 24	18 31	3 8	2 46	T 7
F 8	22 46	7 8	4 16	22 28	0 28	9 58	2 24	23 7	0 30	18 35	0 47	22 44	0 22	13 21	0 27	18 28	1 43	14 41	16 15	16 46	16 23	18 34	3 8	2 46	F 8
S 9	22 52	1 35	3 32	22 48	0 35	10 21	2 25	23 13	0 31	18 32	0 47	22 44	0 21	13 22	0 27	18 28	1 43	14 41	16 15	16 47	16 22	18 36	3 8	2 46	S 9
S 10	22 57	3s55	2 39	23 6	0 41	10 44	2 25	23 18	0 31	18 28	0 47	22 43	0 21	13 23	0 27	18 28	1 43	14 41	16 16	16 47	16 21	18 39	3 7	2 46	S 10
M11	23 2	9 14	1 40	23 23	0 47	11 6	2 26	23 23	0 32	18 25	0 47	22 43	0 21	13 24	0 27	18 27	1 43	14 42	16 17	16 48	16 20	18 41	3 7	2 45	M11
T 12	23 7	14 11	0 37	23 40	0 53	11 29	2 26	23 28	0 32	18 22	0 47	22 43	0 21	13 25	0 27	18 27	1 43	14 42	16 17	16 48	16 19	18 44	3 7	2 45	T 12
W13	23 11	18 37	0s27	23 55	0 59	11 51	2 26	23 32	0 33	18 19	0 47	22 42	0 21	13 26	0 27	18 27	1 43	14 42	16 18	16 48	16 18	18 47	3 7	2 45	W13
T 14	23 15	22 21	1 31	24 8	1 5	12 14	2 26	23 36	0 33	18 16	0 47	22 42	0 21	13 27	0 27	18 27	1 43	14 42	16 18	16 48	16 18	18 49	3 6	2 45	T 14
F 15	23 18	25 9	2 30	24 21	1 10	12 36	2 26	23 40	0 34	18 12	0 47	22 41	0 21	13 28	0 27	18 26	1 43	14 43	16 19	16 47	16 17	18 52	3 6	2 44	F 15
S 16	23 21	26 51	3 24	24 32	1 16	12 57	2 26	23 44	0 34	18 9	0 47	22 41	0 21	13 29	0 27	18 26	1 43	14 43	16 19	16 45	16 16	18 54	3 6	2 44	S 16
S 17	23 24	27 16	4 8	24 42	1 21	13 19	2 26	23 48	0 35	18 6	0 47	22 40	0 21	13 30	0 27	18 26	1 43	14 43	16 20	16 43	16 15	18 57	3 6	2 44	S 17
M18	23 26	26 21	4 42	24 51	1 26	13 40	2 26	23 51	0 36	18 2	0 47	22 40	0 21	13 31	0 27	18 25	1 43	14 43	16 21	16 41	16 14	19 0	3 6	2 44	M18
T 19	23 27	24 6	5 3	24 58	1 31	14 2	2 25	23 54	0 36	17 59	0 47	22 39	0 21	13 32	0 27	18 25	1 43	14 44	16 21	16 39	16 13	19 2	3 6	2 44	T 19
W20	23 28	20 39	5 9	25 4	1 35	14 23	2 25	23 57	0 37	17 56	0 47	22 39	0 21	13 33	0 27	18 25	1 43	14 44	16 22	16 37	16 12	19 5	3 6	2 43	W20
T 21	23 29	16 9	5 0	25 8	1 40	14 43	2 24	23 59	0 37	17 52	0 47	22 38	0 20	13 33	0 27	18 25	1 43	14 44	16 22	16 35	16 11	19 7	3 6	2 43	T 21
F 22	23 29	10 50	4 35	25 11	1 44	15 3	2 23	24 2	0 38	17 49	0 47	22 38	0 20	13 34	0 27	18 24	1 43	14 45	16 23	16 34	16 10	19 10	3 6	2 43	F 22
S 23	23 28	4 54	3 54	25 13	1 47	15 24	2 22	24 3	0 38	17 45	0 47	22 37	0 20	13 35	0 27	18 24	1 43	14 45	16 23	16 34	16 9	19 12	3 6	2 43	S 23
S 24	23 27	1n23	2 59	25 13	1 51	15 43	2 21	24 5	0 39	17 41	0 47	22 37	0 20	13 36	0 27	18 24	1 43	14 46	16 24	16 34	16 8	19 15	3 6	2 42	S 24
M25	23 26	7 46	1 52	25 12	1 54	16 3	2 20	24 7	0 39	17 38	0 47	22 36	0 20	13 37	0 27	18 24	1 43	14 46	16 25	16 34	16 7	19 17	3 6	2 42	M25
T 26	23 24	13 53	0 37	25 9	1 57	16 22	2 19	24 8	0 40	17 34	0 47	22 35	0 20	13 38	0 27	18 23	1 43	14 46	16 25	16 34	16 6	19 20	3 6	2 42	T 26
W27	23 22	19 20	0n42	25 4	2 0	16 40	2 18	24 9	0 40	17 30	0 47	22 35	0 20	13 38	0 27	18 23	1 43	14 47	16 26	16 34	16 5	19 22	3 6	2 42	W27
T 28	23 19	23 40	1 58	24 58	2 2	16 59	2 17	24 10	0 41	17 27	0 47	22 34	0 20	13 39	0 28	18 23	1 43	14 47	16 26	16 34	16 4	19 25	3 6	2 42	T 28
F 29	23 16	26 25	3 7	24 51	2 4	17 17	2 15	24 10	0 41	17 23	0 47	22 34	0 20	13 40	0 28	18 23	1 43	14 48	16 27	16 32	16 3	19 27	3 6	2 41	F 29
S 30	23 12	27 17	4 3	24 42	2 6	17 34	2 14	24 10	0 42	17 19	0 47	22 33	0 20	13 41	0 28	18 22	1 43	14 48	16 27	16 30	16 2	19 30	3 7	2 41	S 30
S 31	23s 8	26n12	4n42	24s31	2s 7	17s52	2n12	24s10	0s43	17s15	0s47	22s32	0n20	13s41	0n28	18n22	1s43	14n49	16n28	16n28	16n 2	19s33	3n 7	2n41	S 31

Julian Day Number = 2351072.5, Delta T = 10.63 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'00, Lahiri = 20°01'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

JANUARY 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 15	10♑38'22	7♌ 3	18♑24	0♐24	2♑55	14♒43	12♑50	7♏48	29°R19	0♎39	15°R11	13♉49	23♏42	1♈40	M 1
T 2	6 46 11	11°39'31	21° 0	20° 3	1°36	3°40	14°56	12°57	7°51	29♉18	0°R39	15♉ 2	13°46	23°48	1°41	T 2
W 3	6 50 8	12°40'40	4♍29	21°42	2°48	4°26	15° 9	13° 4	7°53	29°17	0°39	14°54	13°42	23°55	1°42	W 3
T 4	6 54 4	13°41'49	17°32	23°21	4° 1	5°12	15°23	13°11	7°55	29°15	0°39	14°49	13°39	24° 2	1°43	T 4
F 5	6 58 1	14°42'58	0♎ 9	25° 0	5°13	5°57	15°36	13°18	7°57	29°14	0°39	14°45	13°36	24° 8	1°44	F 5
S 6	7 1 57	15°44'08	12°26	26°39	6°25	6°43	15°49	13°25	7°59	29°13	0°39	14°D44	13°33	24°15	1°46	S 6
S 7	7 5 54	16°45'17	24°27	28°19	7°38	7°28	16° 3	13°32	8° 1	29°12	0°39	14°44	13°30	24°22	1°47	S 7
M 8	7 9 51	17°46'26	6♏18	29°58	8°50	8°14	16°16	13°39	8° 3	29°11	0°39	14°45	13°27	24°28	1°49	M 8
T 9	7 13 47	18°47'35	18° 5	1♒36	10° 3	9° 0	16°30	13°46	8° 4	29°10	0°39	14°R45	13°23	24°35	1°50	T 9
W10	7 17 44	19°48'44	29°52	3°15	11°15	9°46	16°43	13°53	8° 6	29° 9	0°38	14°44	13°20	24°42	1°52	W10
T 11	7 21 40	20°49'53	11♐44	4°52	12°28	10°32	16°57	14° 0	8° 8	29° 8	0°38	14°40	13°17	24°48	1°53	T 11
F 12	7 25 37	21°51'02	23°44	6°29	13°40	11°17	17°11	14° 7	8°10	29° 7	0°38	14°34	13°14	24°55	1°55	F 12
S 13	7 29 33	22°52'10	5♑56	8° 5	14°53	12° 3	17°24	14°14	8°11	29° 7	0°37	14°25	13°11	25° 2	1°57	S 13
S 14	7 33 30	23°53'18	18°21	9°39	16° 6	12°49	17°38	14°21	8°13	29° 6	0°37	14°13	13° 7	25° 8	1°59	S 14
M15	7 37 26	24°54'25	1♒ 0	11°12	17°19	13°35	17°52	14°29	8°14	29° 5	0°37	14° 0	13° 4	25°15	2° 0	M15
T 16	7 41 23	25°55'31	13°52	12°43	18°32	14°21	18° 6	14°36	8°16	29° 4	0°36	13°47	13° 1	25°22	2° 2	T 16
W17	7 45 20	26°56'37	26°57	14°10	19°45	15° 7	18°20	14°43	8°17	29° 3	0°36	13°35	12°58	25°28	2° 4	W17
T 18	7 49 16	27°57'42	10♓12	15°35	20°58	15°53	18°34	14°49	8°19	29° 3	0°35	13°25	12°55	25°35	2° 6	T 18
F 19	7 53 13	28°58'46	23°38	16°56	22°11	16°40	18°48	14°56	8°20	29° 2	0°35	13°18	12°52	25°41	2° 8	F 19
S 20	7 57 9	29°59'49	7♈15	18°13	23°24	17°26	19° 2	15° 3	8°21	29° 1	0°34	13°13	12°48	25°48	2°10	S 20
S 21	8 1 6	1♒ 0'50	21° 1	19°25	24°37	18°12	19°16	15°10	8°22	29° 1	0°34	13°11	12°45	25°55	2°12	S 21
M22	8 5 2	2° 1'51	4♉57	20°31	25°50	18°58	19°30	15°17	8°24	29° 0	0°33	13°11	12°42	26° 1	2°14	M22
T 23	8 8 59	3° 2'50	19° 3	21°30	27° 3	19°44	19°44	15°24	8°25	29° 0	0°32	13°11	12°39	26° 8	2°17	T 23
W24	8 12 55	4° 3'49	3♊18	22°22	28°16	20°31	19°58	15°31	8°26	28°59	0°31	13°10	12°36	26°15	2°19	W24
T 25	8 16 52	5° 4'46	17°42	23° 6	29°29	21°17	20°12	15°38	8°27	28°59	0°31	13° 7	12°33	26°21	2°21	T 25
F 26	8 20 49	6° 5'42	2♋ 9	23°41	0♑43	22° 3	20°26	15°45	8°28	28°58	0°30	13° 0	12°29	26°28	2°24	F 26
S 27	8 24 45	7° 6'37	16°36	24° 6	1°56	22°50	20°41	15°51	8°29	28°58	0°29	12°51	12°26	26°35	2°26	S 27
S 28	8 28 42	8° 7'31	0♌56	24°20	3° 9	23°36	20°55	15°58	8°29	28°57	0°28	12°39	12°23	26°41	2°28	S 28
M29	8 32 38	9° 8'23	15° 2	24°R24	4°23	24°22	21° 9	16° 5	8°30	28°57	0°28	12°27	12°20	26°48	2°31	M29
T 30	8 36 35	10° 9'14	28°50	24°16	5°36	25° 9	21°23	16°12	8°31	28°57	0°27	12°14	12°17	26°55	2°33	T 30
W31	8 40 31	11♒10'05	12♍15	23♒57	6♑50	25♑55	21♒38	16♑18	8♏32	28♉56	0♎26	12♉ 3	12♉13	27♏ 1	2♈36	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s 3	23n25	5n 3	24s19	2s 8	18s 8	2n11	24s10	0s43	17s12	0s47	22s32	0n20	13s42	0n28	18n22	1s43	14n49	16n29	16n25	16n 1	19s35	3n 7	2n41
T 2	22 58	19 19	5 4	24 5	2 8	18 25	2 9	24 9	0 44	17 8	0 47	22 31	0 20	13 43	0 28	18 22	1 43	14 50	16 29	16 22	16 0	19 38	3 7	2 40
W 3	22 52	14 21	4 48	23 50	2 8	18 41	2 7	24 8	0 44	17 4	0 47	22 31	0 19	13 43	0 28	18 22	1 43	14 50	16 30	16 20	15 59	19 40	3 8	2 40
T 4	22 46	8 53	4 18	23 33	2 7	18 56	2 5	24 7	0 45	17 0	0 47	22 30	0 19	13 44	0 28	18 21	1 42	14 51	16 30	16 18	15 58	19 43	3 8	2 40
F 5	22 40	3 14	3 35	23 14	2 6	19 11	2 3	24 6	0 45	16 56	0 47	22 29	0 19	13 45	0 28	18 21	1 42	14 51	16 31	16 17	15 57	19 45	3 8	2 40
S 6	22 33	2s24	2 44	22 54	2 5	19 26	2 1	24 4	0 46	16 52	0 47	22 29	0 19	13 45	0 28	18 21	1 42	14 52	16 31	16 17	15 56	19 48	3 9	2 40
S 7	22 25	7 50	1 46	22 32	2 3	19 40	1 59	24 2	0 46	16 48	0 47	22 28	0 19	13 46	0 28	18 21	1 42	14 52	16 32	16 17	15 55	19 50	3 9	2 39
M 8	22 18	12 56	0 45	22 9	2 0	19 53	1 57	24 0	0 47	16 44	0 47	22 27	0 19	13 47	0 28	18 21	1 42	14 53	16 33	16 17	15 54	19 52	3 9	2 39
T 9	22 9	17 32	0s18	21 44	1 57	20 6	1 54	23 57	0 47	16 40	0 47	22 27	0 19	13 47	0 28	18 20	1 42	14 54	16 33	16 17	15 53	19 55	3 10	2 39
W10	22 1	21 27	1 20	21 17	1 53	20 19	1 52	23 54	0 48	16 36	0 47	22 26	0 19	13 48	0 28	18 20	1 42	14 54	16 34	16 17	15 52	19 57	3 10	2 39
T 11	21 52	24 31	2 19	20 49	1 48	20 31	1 50	23 51	0 48	16 32	0 47	22 26	0 19	13 48	0 28	18 20	1 42	14 55	16 34	16 16	15 51	20 0	3 11	2 39
F 12	21 42	26 31	3 12	20 20	1 43	20 42	1 47	23 48	0 49	16 28	0 47	22 25	0 19	13 49	0 28	18 20	1 42	14 55	16 35	16 14	15 50	20 2	3 11	2 38
S 13	21 32	27 17	3 57	19 50	1 37	20 53	1 45	23 45	0 49	16 23	0 47	22 24	0 19	13 49	0 28	18 20	1 42	14 56	16 35	16 11	15 49	20 5	3 12	2 38
S 14	21 22	26 42	4 32	19 18	1 30	21 3	1 42	23 41	0 49	16 19	0 47	22 23	0 19	13 50	0 28	18 20	1 42	14 57	16 36	16 8	15 48	20 7	3 12	2 38
M15	21 11	24 44	4 54	18 45	1 22	21 13	1 40	23 37	0 50	16 15	0 47	22 23	0 19	13 50	0 28	18 20	1 42	14 57	16 36	16 4	15 47	20 10	3 13	2 38
T 16	21 0	21 30	5 1	18 12	1 14	21 22	1 37	23 32	0 50	16 11	0 47	22 22	0 19	13 51	0 28	18 20	1 42	14 58	16 37	16 0	15 46	20 12	3 13	2 38
W17	20 48	17 8	4 53	17 38	1 4	21 31	1 34	23 28	0 51	16 6	0 47	22 21	0 19	13 51	0 28	18 19	1 42	14 59	16 37	15 56	15 45	20 15	3 14	2 37
T 18	20 36	11 54	4 29	17 3	0 54	21 39	1 32	23 23	0 51	16 2	0 47	22 21	0 18	13 52	0 28	18 19	1 42	14 59	16 38	15 53	15 44	20 17	3 14	2 37
F 19	20 24	6 3	3 50	16 28	0 43	21 46	1 29	23 18	0 52	15 58	0 47	22 20	0 18	13 52	0 28	18 19	1 42	15 0	16 39	15 51	15 43	20 19	3 15	2 37
S 20	20 11	0n 9	2 58	15 53	0 31	21 53	1 26	23 12	0 52	15 53	0 47	22 19	0 18	13 52	0 28	18 19	1 42	15 1	16 39	15 50	15 42	20 22	3 16	2 37
S 21	19 58	6 26	1 55	15 18	0 18	21 59	1 23	23 7	0 53	15 49	0 47	22 19	0 18	13 53	0 28	18 19	1 42	15 1	16 40	15 49	15 41	20 24	3 16	2 37
M22	19 44	12 30	0 44	14 44	0 4	22 4	1 20	23 1	0 53	15 45	0 47	22 18	0 18	13 53	0 28	18 19	1 42	15 2	16 40	15 49	15 40	20 27	3 17	2 36
T 23	19 30	18 0	0n31	14 11	0n11	22 9	1 18	22 54	0 54	15 40	0 47	22 17	0 18	13 53	0 28	18 19	1 41	15 3	16 41	15 49	15 39	20 29	3 18	2 36
W24	19 16	22 33	1 44	13 40	0 26	22 13	1 15	22 48	0 54	15 36	0 47	22 16	0 18	13 54	0 28	18 19	1 41	15 4	16 41	15 49	15 39	20 32	3 18	2 36
T 25	19 2	25 45	2 52	13 10	0 42	22 17	1 12	22 41	0 54	15 31	0 47	22 16	0 18	13 54	0 28	18 19	1 41	15 4	16 42	15 48	15 38	20 34	3 19	2 36
F 26	18 47	27 16	3 48	12 43	0 59	22 20	1 9	22 34	0 55	15 27	0 48	22 15	0 18	13 54	0 28	18 19	1 41	15 5	16 42	15 46	15 37	20 36	3 20	2 36
S 27	18 31	26 54	4 30	12 19	1 16	22 22	1 6	22 27	0 55	15 22	0 48	22 14	0 18	13 55	0 28	18 19	1 41	15 6	16 43	15 43	15 36	20 39	3 21	2 35
S 28	18 16	24 46	4 54	11 58	1 34	22 24	1 3	22 20	0 56	15 18	0 48	22 13	0 18	13 55	0 28	18 19	1 41	15 7	16 43	15 40	15 35	20 41	3 21	2 35
M29	18 0	21 7	5 0	11 40	1 51	22 25	1 0	22 12	0 56	15 13	0 48	22 13	0 18	13 55	0 28	18 19	1 41	15 7	16 44	15 36	15 34	20 44	3 22	2 35
T 30	17 44	16 24	4 48	11 26	2 8	22 25	0 57	22 4	0 57	15 9	0 48	22 12	0 18	13 55	0 28	18 19	1 41	15 8	16 44	15 32	15 33	20 46	3 23	2 35
W31	17s27	10n59	4n20	11s17	2n25	22s25	0n53	21s56	0s57	15s 4	0s48	22s11	0n18	13s55	0n28	18n19	1s41	15n 9	16n45	15n28	15n32	20s48	3n24	2n35

Julian Day Number = 2351103.5, Delta T = 10.64 sec
Ecliptic obliquity = 23°28'36, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'05, Lahiri = 20°01'05Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1725
geocentric

FEBRUARY 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 28	12♒10'54	25♍17	23°R28	8♉ 3	26♉42	21♒52	16♉25	8♏32	28°R56	0°R25	11°R54	12♉10	27♏ 8	2♈38	T 1
F 2	8 48 24	13°11'42	7♎56	22♒48	9°16	27°28	22° 6	16°31	8°33	28♉56	0♎24	11♉48	12° 7	27°15	2°41	F 2
S 3	8 52 21	14°12'29	20°15	21°59	10°30	28°15	22°21	16°38	8°33	28°56	0°23	11°44	12° 4	27°21	2°44	S 3
S 4	8 56 18	15°13'15	2♏19	21° 2	11°43	29° 1	22°35	16°45	8°34	28°56	0°22	11°43	12° 1	27°28	2°46	S 4
M 5	9 0 14	16°14'01	14°12	19°59	12°57	29°48	22°49	16°51	8°34	28°55	0°21	11°43	11°58	27°35	2°49	M 5
T 6	9 4 11	17°14'45	26° 0	18°51	14°11	0♒35	23° 4	16°57	8°34	28°55	0°20	11°43	11°54	27°41	2°52	T 6
W 7	9 8 7	18°15'28	7♐48	17°41	15°24	1°21	23°18	17° 4	8°35	28°55	0°19	11°41	11°51	27°48	2°55	W 7
T 8	9 12 4	19°16'10	19°43	16°31	16°38	2° 8	23°33	17°10	8°35	28°D55	0°17	11°38	11°48	27°54	2°58	T 8
F 9	9 16 0	20°16'51	1♑48	15°21	17°51	2°55	23°47	17°17	8°35	28°55	0°16	11°32	11°45	28° 1	3° 0	F 9
S 10	9 19 57	21°17'31	14° 7	14°15	19° 5	3°41	24° 1	17°23	8°35	28°55	0°15	11°23	11°42	28° 8	3° 3	S 10
S 11	9 23 53	22°18'09	26°43	13°13	20°19	4°28	24°16	17°29	8°35	28°55	0°14	11°12	11°39	28°14	3° 6	S 11
M12	9 27 50	23°18'46	9♒38	12°16	21°32	5°15	24°30	17°35	8°R35	28°56	0°13	10°59	11°35	28°21	3° 9	M12
T 13	9 31 47	24°19'22	22°50	11°26	22°46	6° 2	24°45	17°42	8°35	28°56	0°12	10°46	11°32	28°28	3°12	T 13
W14	9 35 43	25°19'56	6♓18	10°44	24° 0	6°48	24°59	17°48	8°35	28°56	0°10	10°33	11°29	28°34	3°15	W14
T 15	9 39 40	26°20'28	19°59	10° 8	25°14	7°35	25°14	17°54	8°35	28°56	0° 9	10°23	11°26	28°41	3°18	T 15
F 16	9 43 36	27°20'59	3♈50	9°40	26°27	8°22	25°28	18° 0	8°35	28°56	0° 8	10°16	11°23	28°48	3°21	F 16
S 17	9 47 33	28°21'27	17°47	9°20	27°41	9° 9	25°43	18° 6	8°34	28°57	0° 6	10°11	11°19	28°54	3°25	S 17
S 18	9 51 29	29°21'54	1♉49	9° 8	28°55	9°56	25°57	18°12	8°34	28°57	0° 5	10° 9	11°16	29° 1	3°28	S 18
M19	9 55 26	0♓22'19	15°53	9°D 2	0♒ 9	10°43	26°11	18°18	8°34	28°57	0° 4	10°D 9	11°13	29° 8	3°31	M19
T 20	9 59 22	1°22'43	29°59	9° 3	1°22	11°29	26°26	18°23	8°33	28°58	0° 2	10°R 9	11°10	29°14	3°34	T 20
W21	10 3 19	2°23'04	14♊ 4	9°11	2°36	12°16	26°40	18°29	8°33	28°58	0° 1	10° 9	11° 7	29°21	3°37	W21
T 22	10 7 16	3°23'23	28°10	9°25	3°50	13° 3	26°55	18°35	8°32	28°59	29♍59	10° 6	11° 4	29°28	3°41	T 22
F 23	10 11 12	4°23'40	12♋13	9°45	5° 4	13°50	27° 9	18°41	8°32	28°59	29°58	10° 1	11° 0	29°34	3°44	F 23
S 24	10 15 9	5°23'55	26°12	10°10	6°18	14°37	27°23	18°46	8°31	29° 0	29°57	9°54	10°57	29°41	3°47	S 24
S 25	10 19 5	6°24'08	10♌ 4	10°40	7°31	15°24	27°38	18°52	8°30	29° 0	29°55	9°44	10°54	29°48	3°51	S 25
M26	10 23 2	7°24'19	23°44	11°14	8°45	16°11	27°52	18°57	8°29	29° 1	29°54	9°33	10°51	29°54	3°54	M26
T 27	10 26 58	8°24'29	7♍11	11°53	9°59	16°58	28° 6	19° 3	8°29	29° 2	29°52	9°23	10°48	0♐ 1	3°57	T 27
W28	10 30 55	9♓24'36	20♍20	12♒36	11♒13	17♒45	28♒21	19♉ 8	8♏28	29♉ 2	29♍51	9♉13	10♉45	0♐ 8	4♈ 1	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s10	5n14	3n39	11s12	2n41	22s24	0n50	21s47	0s57	15s 0	0s48	22s11	0n18	13s56	0n28	18n19	1s41	15n10	16n45	15n26	15n31	20s51	3n25	2n34
F 2	16 53	0s34	2 49	11 11	2 55	22 22	0 47	21 39	0 58	14 55	0 48	22 10	0 18	13 56	0 28	18 19	1 41	15 11	16 45	15 24	15 30	20 53	3 26	2 34
S 3	16 36	6 13	1 51	11 14	3 8	22 20	0 44	21 30	0 58	14 50	0 48	22 9	0 17	13 56	0 28	18 19	1 41	15 11	16 46	15 23	15 29	20 55	3 27	2 34
S 4	16 18	11 31	0 50	11 21	3 20	22 17	0 41	21 20	0 59	14 46	0 48	22 8	0 17	13 56	0 28	18 19	1 41	15 12	16 46	15 22	15 28	20 58	3 27	2 34
M 5	16 0	16 20	0s13	11 32	3 29	22 13	0 38	21 11	0 59	14 41	0 48	22 8	0 17	13 56	0 28	18 19	1 41	15 13	16 47	15 22	15 27	21 0	3 28	2 34
T 6	15 41	20 30	1 15	11 46	3 36	22 9	0 35	21 1	0 59	14 36	0 48	22 7	0 17	13 56	0 28	18 19	1 41	15 14	16 47	15 22	15 26	21 2	3 29	2 34
W 7	15 23	23 50	2 14	12 3	3 41	22 4	0 32	20 52	1 0	14 32	0 48	22 6	0 17	13 56	0 28	18 19	1 41	15 15	16 48	15 22	15 25	21 5	3 30	2 33
T 8	15 4	26 11	3 7	12 22	3 43	21 58	0 29	20 41	1 0	14 27	0 48	22 5	0 17	13 56	0 28	18 19	1 40	15 16	16 48	15 21	15 24	21 7	3 31	2 33
F 9	14 45	27 20	3 52	12 42	3 43	21 52	0 25	20 31	1 0	14 22	0 48	22 5	0 17	13 56	0 28	18 19	1 40	15 16	16 48	15 19	15 23	21 9	3 32	2 33
S 10	14 26	27 10	4 28	13 4	3 40	21 45	0 22	20 21	1 1	14 18	0 48	22 4	0 17	13 56	0 28	18 19	1 40	15 17	16 49	15 16	15 22	21 12	3 33	2 33
S 11	14 6	25 36	4 51	13 26	3 36	21 37	0 19	20 10	1 1	14 13	0 48	22 3	0 17	13 56	0 28	18 19	1 40	15 18	16 49	15 13	15 21	21 14	3 34	2 33
M12	13 46	22 41	5 1	13 47	3 30	21 29	0 16	19 59	1 1	14 8	0 48	22 2	0 17	13 56	0 28	18 19	1 40	15 19	16 50	15 9	15 20	21 16	3 35	2 33
T 13	13 26	18 33	4 54	14 9	3 22	21 20	0 13	19 48	1 2	14 3	0 48	22 2	0 17	13 56	0 28	18 19	1 40	15 20	16 50	15 5	15 19	21 19	3 36	2 32
W14	13 6	13 25	4 31	14 29	3 12	21 11	0 10	19 36	1 2	13 59	0 49	22 1	0 17	13 56	0 28	18 19	1 40	15 20	16 50	15 1	15 18	21 21	3 37	2 32
T 15	12 45	7 32	3 53	14 49	3 2	21 1	0 7	19 24	1 2	13 54	0 49	22 0	0 17	13 56	0 28	18 20	1 40	15 21	16 51	14 57	15 17	21 23	3 39	2 32
F 16	12 25	1 13	3 0	15 7	2 50	20 50	0 4	19 13	1 3	13 49	0 49	21 59	0 17	13 56	0 28	18 20	1 40	15 22	16 51	14 55	15 16	21 26	3 40	2 32
S 17	12 4	5n13	1 56	15 24	2 38	20 38	0 1	19 1	1 3	13 44	0 49	21 59	0 17	13 56	0 28	18 20	1 40	15 23	16 51	14 54	15 15	21 28	3 41	2 32
S 18	11 43	11 26	0 44	15 39	2 26	20 27	0s 2	18 48	1 3	13 39	0 49	21 58	0 17	13 56	0 28	18 20	1 40	15 24	16 52	14 53	15 14	21 30	3 42	2 32
M19	11 22	17 6	0n30	15 53	2 13	20 14	0 5	18 36	1 4	13 34	0 49	21 57	0 17	13 56	0 28	18 20	1 40	15 25	16 52	14 53	15 13	21 33	3 43	2 32
T 20	11 0	21 52	1 43	16 5	2 0	20 1	0 8	18 23	1 4	13 30	0 49	21 56	0 16	13 56	0 28	18 20	1 40	15 26	16 52	14 53	15 12	21 35	3 44	2 31
W21	10 38	25 20	2 50	16 16	1 47	19 47	0 11	18 10	1 4	13 25	0 49	21 56	0 16	13 55	0 28	18 20	1 40	15 26	16 53	14 53	15 11	21 37	3 45	2 31
T 22	10 17	27 14	3 46	16 25	1 34	19 33	0 14	17 57	1 4	13 20	0 49	21 55	0 16	13 55	0 28	18 21	1 40	15 27	16 53	14 52	15 10	21 39	3 47	2 31
F 23	9 55	27 22	4 29	16 32	1 21	19 18	0 16	17 44	1 5	13 15	0 49	21 54	0 16	13 55	0 28	18 21	1 40	15 28	16 53	14 51	15 9	21 42	3 48	2 31
S 24	9 33	25 46	4 55	16 38	1 8	19 2	0 19	17 31	1 5	13 10	0 49	21 53	0 16	13 55	0 28	18 21	1 39	15 29	16 54	14 48	15 8	21 44	3 49	2 31
S 25	9 11	22 37	5 3	16 42	0 56	18 46	0 22	17 17	1 5	13 5	0 49	21 53	0 16	13 55	0 28	18 21	1 39	15 30	16 54	14 45	15 7	21 46	3 50	2 31
M26	8 48	18 15	4 54	16 44	0 43	18 30	0 25	17 3	1 6	13 0	0 49	21 52	0 16	13 54	0 29	18 21	1 39	15 31	16 54	14 42	15 6	21 48	3 51	2 31
T 27	8 26	13 3	4 29	16 45	0 31	18 13	0 27	16 49	1 6	12 56	0 50	21 51	0 16	13 54	0 29	18 21	1 39	15 31	16 54	14 38	15 5	21 51	3 53	2 30
W28	8s 3	7n21	3n49	16s44	0n20	17s55	0s30	16s35	1s 6	12s51	0s50	21s51	0n16	13s54	0n29	18n22	1s39	15n32	16n55	14n35	15n 4	21s53	3n54	2n30

Julian Day Number = 2351134.5, Delta T = 10.64 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'09, Lahiri = 20°01'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

MARCH 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 51	10♓24'41	3♎11	13♒23	12♒27	18♒32	28♒35	19♑13	8°R27	29♉ 3	29°R49	9°R 5	10♉41	0♐14	4♈ 4	T 1
F 2	10 38 48	11°24'45	15°44	14°13	13°41	19°19	28°49	19°19	8♏26	29° 4	29♍48	9♉ 0	10°38	0°21	4° 8	F 2
S 3	10 42 45	12°24'47	28° 1	15° 7	14°54	20° 6	29° 3	19°24	8°25	29° 4	29°46	8°57	10°35	0°27	4°11	S 3
S 4	10 46 41	13°24'47	10♏ 4	16° 3	16° 8	20°53	29°18	19°29	8°24	29° 5	29°44	8°D57	10°32	0°34	4°15	S 4
M 5	10 50 38	14°24'46	21°58	17° 2	17°22	21°40	29°32	19°34	8°23	29° 6	29°43	8°57	10°29	0°41	4°18	M 5
T 6	10 54 34	15°24'43	3♐47	18° 4	18°36	22°27	29°46	19°39	8°22	29° 7	29°41	8°58	10°25	0°47	4°22	T 6
W 7	10 58 31	16°24'39	15°36	19° 9	19°50	23°14	0♓ 0	19°44	8°20	29° 8	29°40	8°R59	10°22	0°54	4°25	W 7
T 8	11 2 27	17°24'32	27°31	20°15	21° 4	24° 1	0°14	19°49	8°19	29° 9	29°38	8°58	10°19	1° 1	4°29	T 8
F 9	11 6 24	18°24'24	9♑38	21°24	22°18	24°48	0°28	19°53	8°18	29°10	29°36	8°56	10°16	1° 7	4°32	F 9
S 10	11 10 20	19°24'15	21°59	22°35	23°32	25°35	0°43	19°58	8°17	29°11	29°35	8°51	10°13	1°14	4°36	S 10
S 11	11 14 17	20°24'03	4♒41	23°48	24°46	26°22	0°57	20° 3	8°15	29°12	29°33	8°45	10°10	1°21	4°39	S 11
M12	11 18 14	21°23'50	17°43	25° 3	26° 0	27° 9	1°11	20° 7	8°14	29°13	29°32	8°37	10° 6	1°27	4°43	M12
T 13	11 22 10	22°23'35	1♓ 9	26°20	27°13	27°56	1°25	20°12	8°12	29°14	29°30	8°29	10° 3	1°34	4°47	T 13
W14	11 26 7	23°23'18	14°55	27°39	28°27	28°43	1°39	20°16	8°11	29°15	29°28	8°21	10° 0	1°41	4°50	W14
T 15	11 30 3	24°22'59	28°58	28°59	29°41	29°30	1°52	20°21	8° 9	29°16	29°27	8°15	9°57	1°47	4°54	T 15
F 16	11 34 0	25°22'38	13♈15	0♓21	0♓55	0♓17	2° 6	20°25	8° 8	29°17	29°25	8°10	9°54	1°54	4°57	F 16
S 17	11 37 56	26°22'14	27°40	1°44	2° 9	1° 4	2°20	20°29	8° 6	29°19	29°23	8° 8	9°50	2° 1	5° 1	S 17
S 18	11 41 53	27°21'49	12♉ 7	3° 9	3°23	1°51	2°34	20°33	8° 4	29°20	29°22	8°D 8	9°47	2° 7	5° 5	S 18
M19	11 45 49	28°21'21	26°32	4°35	4°37	2°38	2°48	20°37	8° 3	29°21	29°20	8° 9	9°44	2°14	5° 8	M19
T 20	11 49 46	29°20'51	10♊51	6° 3	5°51	3°25	3° 1	20°41	8° 1	29°22	29°18	8°10	9°41	2°21	5°12	T 20
W21	11 53 43	0♈20'19	25° 1	7°32	7° 5	4°12	3°15	20°45	7°59	29°24	29°17	8°R11	9°38	2°27	5°16	W21
T 22	11 57 39	1°19'45	9♋ 3	9° 3	8°19	4°59	3°29	20°49	7°57	29°25	29°15	8°11	9°35	2°34	5°19	T 22
F 23	12 1 36	2°19'08	22°53	10°35	9°32	5°46	3°42	20°53	7°55	29°26	29°13	8° 9	9°31	2°41	5°23	F 23
S 24	12 5 32	3°18'29	6♌32	12° 9	10°46	6°33	3°56	20°56	7°53	29°28	29°12	8° 6	9°28	2°47	5°27	S 24
S 25	12 9 29	4°17'47	19°59	13°44	12° 0	7°20	4° 9	21° 0	7°51	29°29	29°10	8° 1	9°25	2°54	5°30	S 25
M26	12 13 25	5°17'03	3♍14	15°20	13°14	8° 7	4°23	21° 3	7°49	29°31	29° 8	7°56	9°22	3° 1	5°34	M26
T 27	12 17 22	6°16'17	16°15	16°58	14°28	8°54	4°36	21° 7	7°47	29°32	29° 7	7°50	9°19	3° 7	5°38	T 27
W28	12 21 18	7°15'28	29° 3	18°37	15°42	9°40	4°49	21°10	7°45	29°34	29° 5	7°46	9°16	3°14	5°41	W28
T 29	12 25 15	8°14'38	11♎36	20°18	16°56	10°27	5° 2	21°13	7°43	29°35	29° 4	7°42	9°12	3°20	5°45	T 29
F 30	12 29 11	9°13'45	23°57	22° 0	18°10	11°14	5°16	21°16	7°41	29°37	29° 2	7°40	9° 9	3°27	5°49	F 30
S 31	12 33 8	10♈12'50	6♏ 6	23♓43	19♓23	12♓ 1	5♓29	21♑19	7♏39	29♉38	29♍ 0	7°D39	9♉ 6	3♐34	5♈52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	7s41	1n28	2n59	16s42	0n 8	17s37	0s33	16s21	1s 6	12s46	0s50	21s50	0n16	13s54	0n29	18n22	1s39	15n33	16n55	14n33	15n 3	21s55	3n55	2n30
F 2	7 18	4s20	2 1	16 38	0s 3	17 19	0 35	16 6	1 7	12 41	0 50	21 49	0 16	13 53	0 29	18 22	1 39	15 34	16 55	14 31	15 2	21 57	3 56	2 30
S 3	6 55	9 53	0 58	16 32	0 13	16 59	0 38	15 52	1 7	12 36	0 50	21 49	0 16	13 53	0 29	18 22	1 39	15 35	16 55	14 30	15 1	22 0	3 58	2 30
S 4	6 32	14 57	0s 6	16 25	0 23	16 40	0 40	15 37	1 7	12 31	0 50	21 48	0 16	13 53	0 29	18 23	1 39	15 35	16 56	14 30	15 0	22 2	3 59	2 30
M 5	6 9	19 24	1 9	16 17	0 33	16 20	0 43	15 22	1 7	12 26	0 50	21 47	0 16	13 52	0 29	18 23	1 39	15 36	16 56	14 30	14 59	22 4	4 0	2 30
T 6	5 46	23 4	2 10	16 7	0 43	15 59	0 45	15 7	1 7	12 21	0 50	21 47	0 16	13 52	0 29	18 23	1 39	15 37	16 56	14 31	14 58	22 6	4 1	2 30
W 7	5 22	25 45	3 4	15 55	0 52	15 38	0 47	14 52	1 8	12 16	0 50	21 46	0 16	13 51	0 29	18 23	1 39	15 38	16 56	14 31	14 57	22 8	4 3	2 30
T 8	4 59	27 18	3 51	15 43	1 0	15 17	0 50	14 36	1 8	12 12	0 50	21 45	0 16	13 51	0 29	18 24	1 39	15 39	16 56	14 31	14 56	22 11	4 4	2 29
F 9	4 36	27 36	4 29	15 28	1 8	14 55	0 52	14 21	1 8	12 7	0 51	21 45	0 16	13 51	0 29	18 24	1 39	15 39	16 56	14 30	14 55	22 13	4 5	2 29
S 10	4 12	26 31	4 55	15 12	1 16	14 33	0 54	14 5	1 8	12 2	0 51	21 44	0 16	13 50	0 29	18 24	1 39	15 40	16 57	14 28	14 54	22 15	4 7	2 29
S 11	3 49	24 5	5 7	14 55	1 24	14 10	0 56	13 49	1 8	11 57	0 51	21 43	0 15	13 50	0 29	18 24	1 39	15 41	16 57	14 26	14 53	22 17	4 8	2 29
M12	3 25	20 22	5 4	14 37	1 31	13 47	0 58	13 33	1 8	11 52	0 51	21 43	0 15	13 49	0 29	18 25	1 39	15 42	16 57	14 24	14 52	22 19	4 9	2 29
T 13	3 1	15 31	4 44	14 17	1 37	13 24	1 0	13 17	1 9	11 47	0 51	21 42	0 15	13 49	0 29	18 25	1 38	15 42	16 57	14 21	14 51	22 22	4 11	2 29
W14	2 38	9 46	4 8	13 55	1 43	13 0	1 2	13 1	1 9	11 42	0 51	21 42	0 15	13 48	0 29	18 25	1 38	15 43	16 57	14 19	14 50	22 24	4 12	2 29
T 15	2 14	3 24	3 16	13 33	1 49	12 36	1 4	12 44	1 9	11 37	0 51	21 41	0 15	13 48	0 29	18 25	1 38	15 44	16 57	14 17	14 49	22 26	4 13	2 29
F 16	1 50	3n14	2 11	13 9	1 54	12 12	1 6	12 28	1 9	11 32	0 51	21 40	0 15	13 47	0 29	18 26	1 38	15 45	16 57	14 15	14 48	22 28	4 15	2 29
S 17	1 27	9 47	0 57	12 43	1 59	11 47	1 8	12 11	1 9	11 28	0 51	21 40	0 15	13 47	0 29	18 26	1 38	15 45	16 57	14 14	14 47	22 30	4 16	2 29
S 18	1 3	15 50	0n22	12 17	2 3	11 22	1 10	11 55	1 9	11 23	0 52	21 39	0 15	13 46	0 29	18 26	1 38	15 46	16 57	14 14	14 46	22 32	4 17	2 28
M19	0 39	21 0	1 38	11 49	2 7	10 56	1 11	11 38	1 9	11 18	0 52	21 39	0 15	13 45	0 29	18 27	1 38	15 47	16 58	14 15	14 45	22 34	4 19	2 28
T 20	0 16	24 53	2 48	11 20	2 10	10 31	1 13	11 21	1 10	11 13	0 52	21 38	0 15	13 45	0 29	18 27	1 38	15 48	16 58	14 15	14 44	22 37	4 20	2 28
W21	0n 8	27 10	3 48	10 49	2 13	10 5	1 14	11 4	1 10	11 8	0 52	21 38	0 15	13 44	0 29	18 27	1 38	15 48	16 58	14 15	14 43	22 39	4 22	2 28
T 22	0 32	27 42	4 32	10 17	2 16	9 38	1 16	10 47	1 10	11 3	0 52	21 37	0 15	13 44	0 29	18 28	1 38	15 49	16 58	14 15	14 42	22 41	4 23	2 28
F 23	0 55	26 28	5 1	9 44	2 18	9 12	1 17	10 30	1 10	10 59	0 52	21 37	0 15	13 43	0 29	18 28	1 38	15 50	16 58	14 15	14 41	22 43	4 24	2 28
S 24	1 19	23 41	5 11	9 10	2 20	8 45	1 19	10 12	1 10	10 54	0 52	21 36	0 15	13 42	0 29	18 28	1 38	15 50	16 58	14 14	14 40	22 45	4 26	2 28
S 25	1 43	19 39	5 5	8 34	2 21	8 18	1 20	9 55	1 10	10 49	0 52	21 36	0 15	13 42	0 29	18 29	1 38	15 51	16 58	14 12	14 39	22 47	4 27	2 28
M26	2 6	14 43	4 42	7 58	2 22	7 51	1 21	9 37	1 10	10 44	0 53	21 35	0 15	13 41	0 29	18 29	1 38	15 52	16 58	14 11	14 38	22 49	4 29	2 28
T 27	2 30	9 11	4 5	7 20	2 22	7 23	1 22	9 20	1 10	10 39	0 53	21 35	0 15	13 41	0 29	18 30	1 38	15 52	16 58	14 9	14 37	22 51	4 30	2 28
W28	2 53	3 22	3 16	6 41	2 22	6 56	1 23	9 2	1 10	10 35	0 53	21 34	0 15	13 40	0 29	18 30	1 38	15 53	16 58	14 7	14 36	22 53	4 31	2 28
T 29	3 16	2s29	2 18	6 1	2 21	6 28	1 24	8 44	1 10	10 30	0 53	21 34	0 14	13 39	0 29	18 30	1 38	15 53	16 58	14 6	14 35	22 56	4 33	2 28
F 30	3 40	8 9	1 14	5 19	2 20	6 0	1 25	8 27	1 10	10 25	0 53	21 33	0 14	13 38	0 29	18 31	1 38	15 54	16 57	14 5	14 34	22 58	4 34	2 28
S 31	4n 3	13s26	0n 9	4s37	2s18	5s32	1s26	8s 9	1s10	10s21	0s53	21s33	0n14	13s38	0n29	18n31	1s38	15n55	16n57	14n 5	14n33	23s 0	4n36	2n28

Julian Day Number = 2351162.5, Delta T = 10.65 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'13, Lahiri = 20°01'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

APRIL 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 5	11♈11'54	18♏ 5	25♓28	20♓37	12♓48	5♓42	21♑22	7°R37	29♉40	28°R59	7♉39	9♉ 3	3♐40	5♈56	S 1
M 2	12 41 1	12°10'56	29°57	27°15	21°51	13°35	5°55	21°25	7♏35	29°42	28♍57	7°41	9° 0	3°47	6° 0	M 2
T 3	12 44 58	13° 9'55	11♐46	29° 2	23° 5	14°22	6° 8	21°28	7°33	29°43	28°56	7°42	8°56	3°54	6° 3	T 3
W 4	12 48 54	14° 8'54	23°36	0♈52	24°19	15° 8	6°21	21°30	7°30	29°45	28°54	7°44	8°53	4° 0	6° 7	W 4
T 5	12 52 51	15° 7'50	5♑31	2°42	25°33	15°55	6°34	21°33	7°28	29°47	28°52	7°45	8°50	4° 7	6°11	T 5
F 6	12 56 47	16° 6'44	17°37	4°34	26°47	16°42	6°46	21°36	7°26	29°48	28°51	7°R46	8°47	4°14	6°14	F 6
S 7	13 0 44	17° 5'37	29°57	6°28	28° 0	17°29	6°59	21°38	7°23	29°50	28°49	7°45	8°44	4°20	6°18	S 7
S 8	13 4 40	18° 4'28	12♒37	8°23	29°14	18°15	7°12	21°40	7°21	29°52	28°48	7°43	8°41	4°27	6°22	S 8
M 9	13 8 37	19° 3'17	25°40	10°20	0♈28	19° 2	7°24	21°43	7°19	29°54	28°46	7°41	8°37	4°34	6°25	M 9
T 10	13 12 34	20° 2'05	9♓ 7	12°18	1°42	19°49	7°37	21°45	7°16	29°55	28°45	7°39	8°34	4°40	6°29	T 10
W11	13 16 30	21° 0'50	23° 0	14°17	2°56	20°36	7°49	21°47	7°14	29°57	28°43	7°36	8°31	4°47	6°32	W11
T 12	13 20 27	21°59'34	7♈16	16°18	4°10	21°22	8° 2	21°49	7°12	29°59	28°42	7°35	8°28	4°54	6°36	T 12
F 13	13 24 23	22°58'16	21°51	18°21	5°24	22° 9	8°14	21°50	7° 9	0♊ 1	28°40	7°33	8°25	5° 0	6°40	F 13
S 14	13 28 20	23°56'56	6♉38	20°24	6°37	22°55	8°26	21°52	7° 7	0° 3	28°39	7°D33	8°22	5° 7	6°43	S 14
S 15	13 32 16	24°55'34	21°30	22°29	7°51	23°42	8°38	21°54	7° 4	0° 5	28°37	7°33	8°18	5°14	6°47	S 15
M16	13 36 13	25°54'09	6♊20	24°34	9° 5	24°29	8°50	21°55	7° 2	0° 7	28°36	7°34	8°15	5°20	6°50	M16
T 17	13 40 9	26°52'43	21° 1	26°41	10°19	25°15	9° 2	21°57	6°59	0° 9	28°34	7°35	8°12	5°27	6°54	T 17
W18	13 44 6	27°51'15	5♋28	28°48	11°33	26° 2	9°14	21°58	6°57	0°10	28°33	7°36	8° 9	5°34	6°57	W18
T 19	13 48 3	28°49'44	19°37	0♌56	12°46	26°48	9°26	22° 0	6°54	0°12	28°32	7°36	8° 6	5°40	7° 1	T 19
F 20	13 51 59	29°48'11	3♎27	3° 4	14° 0	27°34	9°37	22° 1	6°52	0°14	28°30	7°R36	8° 2	5°47	7° 4	F 20
S 21	13 55 56	0♉46'36	16°58	5°13	15°14	28°21	9°49	22° 2	6°49	0°16	28°29	7°36	7°59	5°54	7° 8	S 21
S 22	13 59 52	1°44'59	0♍10	7°21	16°28	29° 7	10° 1	22° 3	6°47	0°18	28°28	7°35	7°56	6° 0	7°11	S 22
M23	14 3 49	2°43'20	13° 6	9°29	17°42	29°53	10°12	22° 4	6°44	0°20	28°26	7°35	7°53	6° 7	7°14	M23
T 24	14 7 45	3°41'38	25°47	11°36	18°55	0♈40	10°23	22° 4	6°42	0°23	28°25	7°34	7°50	6°14	7°18	T 24
W25	14 11 42	4°39'55	8♎15	13°41	20° 9	1°26	10°35	22° 5	6°39	0°25	28°24	7°34	7°47	6°20	7°21	W25
T 26	14 15 38	5°38'09	20°32	15°46	21°23	2°12	10°46	22° 6	6°37	0°27	28°22	7°34	7°43	6°27	7°25	T 26
F 27	14 19 35	6°36'22	2♏39	17°49	22°36	2°58	10°57	22° 6	6°34	0°29	28°21	7°34	7°40	6°34	7°28	F 27
S 28	14 23 32	7°34'33	14°38	19°50	23°50	3°45	11° 8	22° 7	6°31	0°31	28°20	7°34	7°37	6°40	7°31	S 28
S 29	14 27 28	8°32'42	26°31	21°48	25° 4	4°31	11°19	22° 7	6°29	0°33	28°19	7°34	7°34	6°47	7°34	S 29
M30	14 31 25	9♉30'50	8♐21	23♉44	26♈18	5♈17	11♓29	22♑ 7	6♏26	0♊35	28♍18	7♉33	7♉31	6♐54	7♈38	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n26	18s 9	0s57	3s53	2s16	5s 3	1s27	7s51	1s10	10s16	0s53	21s32	0n14	13s37	0n29	18n31	1s38	15n55	16n57	14n 5	14n32	23s 2	4n37	2n27
M 2	4 49	22 7	2 0	3 8	2 13	4 35	1 28	7 33	1 10	10 11	0 54	21 32	0 14	13 36	0 29	18 32	1 37	15 56	16 57	14 6	14 31	23 4	4 38	2 27
T 3	5 12	25 9	2 57	2 22	2 10	4 6	1 28	7 15	1 10	10 7	0 54	21 32	0 14	13 36	0 29	18 32	1 37	15 56	16 57	14 6	14 30	23 6	4 40	2 27
W 4	5 35	27 6	3 47	1 35	2 6	3 37	1 29	6 57	1 10	10 2	0 54	21 31	0 14	13 35	0 29	18 33	1 37	15 57	16 57	14 7	14 29	23 8	4 41	2 27
T 5	5 58	27 49	4 27	0 47	2 2	3 9	1 30	6 38	1 10	9 57	0 54	21 31	0 14	13 34	0 29	18 33	1 37	15 57	16 57	14 7	14 28	23 10	4 43	2 27
F 6	6 21	27 13	4 56	0n 1	1 57	2 40	1 30	6 20	1 10	9 53	0 54	21 31	0 14	13 33	0 29	18 33	1 37	15 58	16 57	14 7	14 27	23 12	4 44	2 27
S 7	6 43	25 17	5 13	0 51	1 52	2 11	1 30	6 2	1 10	9 48	0 54	21 30	0 14	13 33	0 29	18 34	1 37	15 58	16 57	14 7	14 26	23 14	4 45	2 27
S 8	7 6	22 4	5 14	1 42	1 46	1 41	1 31	5 44	1 10	9 44	0 55	21 30	0 14	13 32	0 29	18 34	1 37	15 59	16 57	14 6	14 25	23 16	4 47	2 27
M 9	7 28	17 41	5 0	2 34	1 40	1 12	1 31	5 25	1 10	9 39	0 55	21 30	0 14	13 31	0 29	18 35	1 37	15 59	16 56	14 6	14 24	23 18	4 48	2 27
T 10	7 51	12 19	4 29	3 26	1 33	0 43	1 31	5 7	1 10	9 35	0 55	21 29	0 14	13 30	0 29	18 35	1 37	16 0	16 56	14 5	14 23	23 20	4 50	2 27
W11	8 13	6 11	3 42	4 19	1 26	0 14	1 31	4 48	1 10	9 30	0 55	21 29	0 14	13 30	0 29	18 35	1 37	16 0	16 56	14 4	14 22	23 22	4 51	2 27
T 12	8 35	0n27	2 40	5 13	1 19	0n16	1 31	4 30	1 10	9 26	0 55	21 29	0 14	13 29	0 29	18 36	1 37	16 1	16 56	14 4	14 21	23 24	4 52	2 27
F 13	8 57	7 12	1 26	6 7	1 10	0 45	1 31	4 11	1 10	9 21	0 55	21 29	0 14	13 28	0 29	18 36	1 37	16 1	16 56	14 3	14 20	23 26	4 54	2 27
S 14	9 18	13 40	0 5	7 2	1 2	1 14	1 31	3 53	1 10	9 17	0 56	21 28	0 14	13 27	0 29	18 37	1 37	16 2	16 56	14 3	14 19	23 28	4 55	2 27
S 15	9 40	19 24	1n17	7 57	0 53	1 44	1 31	3 34	1 10	9 12	0 56	21 28	0 14	13 26	0 29	18 37	1 37	16 2	16 55	14 3	14 18	23 30	4 57	2 27
M16	10 1	23 55	2 33	8 52	0 43	2 13	1 31	3 16	1 9	9 8	0 56	21 28	0 13	13 26	0 29	18 38	1 37	16 2	16 55	14 3	14 17	23 32	4 58	2 27
T 17	10 23	26 48	3 38	9 47	0 34	2 42	1 31	2 57	1 9	9 4	0 56	21 28	0 13	13 25	0 29	18 38	1 37	16 3	16 55	14 4	14 16	23 34	4 59	2 27
W18	10 44	27 50	4 29	10 42	0 23	3 11	1 30	2 38	1 9	8 59	0 56	21 28	0 13	13 24	0 29	18 38	1 37	16 3	16 55	14 4	14 15	23 36	5 1	2 27
T 19	11 5	27 1	5 2	11 37	0 13	3 40	1 30	2 20	1 9	8 55	0 56	21 28	0 13	13 23	0 29	18 39	1 37	16 3	16 54	14 4	14 14	23 38	5 2	2 27
F 20	11 25	24 32	5 16	12 31	0 3	4 10	1 29	2 1	1 9	8 51	0 57	21 27	0 13	13 22	0 29	18 39	1 37	16 4	16 54	14 4	14 13	23 40	5 3	2 27
S 21	11 46	20 44	5 13	13 24	0n 8	4 39	1 29	1 43	1 9	8 47	0 57	21 27	0 13	13 22	0 29	18 40	1 37	16 4	16 54	14 4	14 12	23 42	5 5	2 27
S 22	12 6	16 0	4 53	14 17	0 19	5 8	1 28	1 24	1 9	8 42	0 57	21 27	0 13	13 21	0 29	18 40	1 37	16 4	16 54	14 4	14 11	23 44	5 6	2 27
M23	12 26	10 37	4 18	15 8	0 30	5 36	1 28	1 5	1 9	8 38	0 57	21 27	0 13	13 20	0 29	18 41	1 37	16 5	16 53	14 4	14 10	23 46	5 7	2 27
T 24	12 46	4 55	3 32	15 58	0 40	6 5	1 27	0 47	1 8	8 34	0 57	21 27	0 13	13 19	0 29	18 41	1 37	16 5	16 53	14 3	14 9	23 48	5 9	2 27
W25	13 6	0s54	2 36	16 47	0 51	6 34	1 26	0 28	1 8	8 30	0 58	21 27	0 13	13 18	0 29	18 42	1 37	16 5	16 53	14 3	14 8	23 50	5 10	2 27
T 26	13 25	6 35	1 33	17 34	1 1	7 2	1 25	0 10	1 8	8 26	0 58	21 27	0 13	13 17	0 29	18 42	1 37	16 5	16 53	14 3	14 6	23 52	5 11	2 27
F 27	13 45	11 59	0 27	18 18	1 11	7 30	1 24	0n 9	1 8	8 22	0 58	21 27	0 13	13 17	0 29	18 43	1 37	16 5	16 52	14 3	14 5	23 54	5 13	2 27
S 28	14 4	16 53	0s39	19 1	1 21	7 59	1 23	0 27	1 8	8 18	0 58	21 27	0 13	13 16	0 29	18 43	1 37	16 6	16 52	14 3	14 4	23 55	5 14	2 27
S 29	14 22	21 5	1 43	19 42	1 30	8 26	1 22	0 46	1 7	8 14	0 58	21 27	0 13	13 15	0 29	18 43	1 37	16 6	16 52	14 3	14 3	23 57	5 15	2 27
M30	14n41	24s25	2s43	20n20	1n39	8n54	1s21	1n 4	1s 7	8s10	0s59	21s27	0n13	13s14	0n29	18n44	1s36	16n 6	16n51	14n 3	14n 2	23s59	5n17	2n27

Julian Day Number = 2351193.5, Delta T = 10.66 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'17, Lahiri = 20°01'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

MAY 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 21	10♉28'56	20♐10	25♉38	27♈31	6♈ 3	11♓40	22♑ 7	6°R24	0♊37	28°R17	7°R33	7♉27	7♐ 0	7♈41	T 1
W 2	14 39 18	11°27'01	2♑ 1	27°28	28°45	6°49	11°51	22°R 7	6♏21	0°39	28♍15	7♉33	7°24	7° 7	7°44	W 2
T 3	14 43 14	12°25'04	13°58	29°16	29°59	7°35	12° 1	22° 7	6°19	0°41	28°14	7°32	7°21	7°14	7°47	T 3
F 4	14 47 11	13°23'06	26° 4	1♊ 0	1♉13	8°21	12°11	22° 7	6°16	0°44	28°13	7°32	7°18	7°20	7°50	F 4
S 5	14 51 7	14°21'06	8♒23	2°41	2°26	9° 7	12°22	22° 7	6°14	0°46	28°12	7°31	7°15	7°27	7°54	S 5
S 6	14 55 4	15°19'05	20°59	4°18	3°40	9°53	12°32	22° 6	6°11	0°48	28°11	7°D31	7°12	7°34	7°57	S 6
M 7	14 59 1	16°17'02	3♓57	5°52	4°54	10°38	12°42	22° 6	6° 9	0°50	28°10	7°32	7° 8	7°40	8° 0	M 7
T 8	15 2 57	17°14'59	17°20	7°22	6° 7	11°24	12°52	22° 5	6° 6	0°52	28° 9	7°32	7° 5	7°47	8° 3	T 8
W 9	15 6 54	18°12'54	1♈ 8	8°49	7°21	12°10	13° 1	22° 5	6° 4	0°55	28° 8	7°33	7° 2	7°54	8° 6	W 9
T 10	15 10 50	19°10'47	15°23	10°12	8°35	12°56	13°11	22° 4	6° 1	0°57	28° 7	7°34	6°59	8° 0	8° 9	T 10
F 11	15 14 47	20° 8'40	0♉ 2	11°31	9°48	13°41	13°21	22° 3	5°59	0°59	28° 7	7°35	6°56	8° 7	8°12	F 11
S 12	15 18 43	21° 6'31	14°59	12°46	11° 2	14°27	13°30	22° 2	5°56	1° 1	28° 6	7°R35	6°53	8°14	8°15	S 12
S 13	15 22 40	22° 4'20	0♊ 6	13°57	12°16	15°13	13°39	22° 1	5°54	1° 3	28° 5	7°34	6°49	8°20	8°17	S 13
M14	15 26 36	23° 2'09	15°15	15° 4	13°30	15°58	13°49	22° 0	5°52	1° 6	28° 4	7°33	6°46	8°27	8°20	M14
T 15	15 30 33	23°59'55	0♋17	16° 7	14°43	16°44	13°58	21°58	5°49	1° 8	28° 3	7°31	6°43	8°34	8°23	T 15
W16	15 34 30	24°57'41	15° 2	17° 6	15°57	17°29	14° 7	21°57	5°47	1°10	28° 3	7°29	6°40	8°40	8°26	W16
T 17	15 38 26	25°55'24	29°25	18° 1	17°11	18°14	14°15	21°56	5°45	1°12	28° 2	7°27	6°37	8°47	8°29	T 17
F 18	15 42 23	26°53'06	13♌23	18°51	18°24	19° 0	14°24	21°54	5°42	1°15	28° 1	7°25	6°33	8°54	8°31	F 18
S 19	15 46 19	27°50'46	26°56	19°37	19°38	19°45	14°33	21°53	5°40	1°17	28° 1	7°D25	6°30	9° 0	8°34	S 19
S 20	15 50 16	28°48'25	10♍ 4	20°19	20°52	20°30	14°41	21°51	5°38	1°19	28° 0	7°25	6°27	9° 7	8°37	S 20
M21	15 54 12	29°46'02	22°51	20°56	22° 5	21°15	14°49	21°49	5°35	1°21	27°59	7°26	6°24	9°14	8°39	M21
T 22	15 58 9	0♊43'37	5♎20	21°29	23°19	22° 1	14°58	21°47	5°33	1°24	27°59	7°28	6°21	9°20	8°42	T 22
W23	16 2 5	1°41'11	17°35	21°57	24°33	22°46	15° 6	21°45	5°31	1°26	27°58	7°29	6°18	9°27	8°44	W23
T 24	16 6 2	2°38'44	29°39	22°21	25°46	23°31	15°13	21°43	5°29	1°28	27°58	7°30	6°14	9°34	8°47	T 24
F 25	16 9 59	3°36'15	11♏36	22°40	27° 0	24°16	15°21	21°41	5°27	1°30	27°57	7°R31	6°11	9°40	8°49	F 25
S 26	16 13 55	4°33'46	23°28	22°54	28°13	25° 1	15°29	21°39	5°25	1°33	27°57	7°30	6° 8	9°47	8°52	S 26
S 27	16 17 52	5°31'15	5♐17	23° 4	29°27	25°45	15°36	21°37	5°22	1°35	27°57	7°27	6° 5	9°54	8°54	S 27
M28	16 21 48	6°28'43	17° 7	23° 9	0♊41	26°30	15°43	21°34	5°20	1°37	27°56	7°23	6° 2	10° 0	8°56	M28
T 29	16 25 45	7°26'10	28°58	23°R 9	1°54	27°15	15°51	21°32	5°18	1°39	27°56	7°19	5°59	10° 7	8°59	T 29
W30	16 29 41	8°23'37	10♑53	23° 5	3° 8	28° 0	15°58	21°29	5°16	1°42	27°56	7°13	5°55	10°14	9° 1	W30
T 31	16 33 38	9♊21'02	22♑54	22♊56	4♊22	28♈44	16♓ 4	21♑27	5♏14	1♊44	27♍55	7♉ 8	5♉52	10♐20	9♈ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n59	26s41	3s35	20n56	1n47	9n22	1s20	1n23	1s 7	8s 6	0s59	21s27	0n13	13s13	0n29	18n44	1s36	16n 6	16n51	14n 3	14n 1	24s 1	5n18	2n27
W 2	15 17	27 46	4 18	21 29	1 54	9 49	1 19	1 41	1 7	8 2	0 59	21 27	0 13	13 12	0 29	18 45	1 36	16 6	16 51	14 3	14 0	24 3	5 19	2 27
T 3	15 35	27 34	4 51	22 0	2 1	10 16	1 17	2 0	1 7	7 59	0 59	21 27	0 12	13 12	0 29	18 45	1 36	16 6	16 50	14 3	13 59	24 5	5 20	2 27
F 4	15 53	26 3	5 11	22 28	2 7	10 43	1 16	2 18	1 6	7 55	0 59	21 27	0 12	13 11	0 29	18 46	1 36	16 6	16 50	14 3	13 58	24 7	5 22	2 27
S 5	16 10	23 18	5 17	22 54	2 13	11 10	1 15	2 36	1 6	7 51	1 0	21 27	0 12	13 10	0 29	18 46	1 36	16 7	16 50	14 3	13 57	24 9	5 23	2 27
S 6	16 27	19 23	5 9	23 17	2 17	11 36	1 13	2 55	1 6	7 47	1 0	21 27	0 12	13 9	0 29	18 47	1 36	16 7	16 49	14 3	13 56	24 11	5 24	2 27
M 7	16 44	14 29	4 44	23 38	2 21	12 3	1 12	3 13	1 5	7 44	1 0	21 28	0 12	13 8	0 29	18 47	1 36	16 7	16 49	14 3	13 55	24 12	5 25	2 27
T 8	17 1	8 45	4 4	23 56	2 24	12 29	1 10	3 31	1 5	7 40	1 0	21 28	0 12	13 8	0 29	18 48	1 36	16 7	16 49	14 3	13 54	24 14	5 27	2 27
W 9	17 17	2 26	3 9	24 12	2 26	12 54	1 9	3 49	1 5	7 37	1 1	21 28	0 12	13 7	0 29	18 48	1 36	16 7	16 48	14 3	13 53	24 16	5 28	2 27
T 10	17 33	4n13	2 0	24 26	2 27	13 19	1 7	4 7	1 5	7 33	1 1	21 28	0 12	13 6	0 29	18 49	1 36	16 7	16 48	14 3	13 52	24 18	5 29	2 27
F 11	17 48	10 51	0 42	24 38	2 27	13 44	1 6	4 25	1 4	7 30	1 1	21 28	0 12	13 5	0 29	18 49	1 36	16 7	16 47	14 4	13 51	24 20	5 30	2 27
S 12	18 4	17 0	0n41	24 47	2 27	14 9	1 4	4 43	1 4	7 26	1 1	21 29	0 12	13 4	0 29	18 50	1 36	16 7	16 47	14 4	13 50	24 22	5 31	2 27
S 13	18 19	22 11	2 2	24 55	2 25	14 33	1 2	5 1	1 4	7 23	1 1	21 29	0 12	13 4	0 29	18 50	1 36	16 7	16 47	14 3	13 49	24 23	5 32	2 27
M14	18 34	25 52	3 14	25 0	2 23	14 57	1 0	5 19	1 3	7 20	1 2	21 29	0 12	13 3	0 29	18 50	1 36	16 7	16 46	14 3	13 48	24 25	5 34	2 27
T 15	18 48	27 40	4 12	25 3	2 19	15 21	0 58	5 37	1 3	7 16	1 2	21 29	0 12	13 2	0 29	18 51	1 36	16 7	16 46	14 2	13 47	24 27	5 35	2 27
W16	19 2	27 28	4 52	25 5	2 15	15 44	0 57	5 55	1 3	7 13	1 2	21 30	0 12	13 1	0 29	18 51	1 36	16 6	16 45	14 2	13 46	24 29	5 36	2 27
T 17	19 16	25 24	5 13	25 5	2 9	16 7	0 55	6 12	1 2	7 10	1 2	21 30	0 12	13 0	0 29	18 52	1 36	16 6	16 45	14 1	13 45	24 31	5 37	2 27
F 18	19 30	21 50	5 14	25 3	2 3	16 29	0 53	6 30	1 2	7 7	1 3	21 30	0 12	13 0	0 29	18 52	1 36	16 6	16 44	14 1	13 44	24 32	5 38	2 27
S 19	19 43	17 13	4 58	25 0	1 56	16 51	0 51	6 47	1 2	7 4	1 3	21 30	0 11	12 59	0 29	18 53	1 36	16 6	16 44	14 0	13 43	24 34	5 39	2 27
S 20	19 55	11 54	4 26	24 55	1 48	17 13	0 49	7 5	1 1	7 1	1 3	21 31	0 11	12 58	0 28	18 53	1 36	16 6	16 44	14 1	13 42	24 36	5 40	2 27
M21	20 8	6 14	3 42	24 49	1 39	17 34	0 47	7 22	1 1	6 58	1 3	21 31	0 11	12 58	0 28	18 54	1 36	16 6	16 43	14 1	13 40	24 38	5 41	2 27
T 22	20 20	0 27	2 48	24 41	1 29	17 55	0 45	7 39	1 0	6 55	1 4	21 32	0 11	12 57	0 28	18 54	1 36	16 6	16 43	14 1	13 39	24 40	5 42	2 27
W23	20 32	5s15	1 48	24 32	1 18	18 15	0 42	7 56	1 0	6 52	1 4	21 32	0 11	12 56	0 28	18 55	1 36	16 5	16 42	14 2	13 38	24 41	5 43	2 27
T 24	20 43	10 42	0 43	24 21	1 6	18 35	0 40	8 13	1 0	6 49	1 4	21 32	0 11	12 55	0 28	18 55	1 36	16 5	16 42	14 2	13 37	24 43	5 44	2 27
F 25	20 54	15 42	0s22	24 10	0 54	18 54	0 38	8 30	0 59	6 46	1 4	21 33	0 11	12 55	0 28	18 56	1 36	16 5	16 41	14 2	13 36	24 45	5 45	2 27
S 26	21 5	20 4	1 27	23 57	0 40	19 13	0 36	8 47	0 59	6 44	1 5	21 33	0 11	12 54	0 28	18 56	1 36	16 5	16 41	14 2	13 35	24 47	5 46	2 27
S 27	21 15	23 37	2 27	23 44	0 26	19 31	0 34	9 4	0 58	6 41	1 5	21 34	0 11	12 53	0 28	18 56	1 36	16 4	16 40	14 1	13 34	24 48	5 47	2 27
M28	21 25	26 10	3 20	23 29	0 11	19 49	0 32	9 20	0 58	6 38	1 5	21 34	0 11	12 53	0 28	18 57	1 36	16 4	16 40	14 0	13 33	24 50	5 48	2 27
T 29	21 35	27 34	4 5	23 14	0s 4	20 6	0 29	9 37	0 58	6 36	1 5	21 34	0 11	12 52	0 28	18 57	1 36	16 4	16 40	13 58	13 32	24 52	5 49	2 27
W30	21 44	27 41	4 40	22 57	0 21	20 23	0 27	9 53	0 57	6 33	1 6	21 35	0 11	12 51	0 28	18 58	1 36	16 4	16 39	13 57	13 31	24 53	5 50	2 27
T 31	21n53	26s30	5s 2	22n40	0s37	20n39	0s25	10n10	0s57	6s31	1s 6	21s35	0n11	12s51	0n28	18n58	1s36	16n 3	16n39	13n55	13n30	24s55	5n51	2n27

Julian Day Number = 2351223.5, Delta T = 10.66 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'21, Lahiri = 20°01'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

JUNE 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 35	10♊18'27	5♒ 4	22°R43	5♊35	29♈29	16♓11	21°R24	5°R13	1♊46	27°R55	7°R 3	5♉49	10♐27	9♈ 5	F 1
S 2	16 41 31	11°15'50	17°25	22♊27	6°49	0♉14	16°18	21♂21	5♏11	1°48	27♍55	6♉59	5°46	10°34	9° 7	S 2
S 3	16 45 28	12°13'14	0♓ 1	22° 6	8° 3	0°58	16°24	21°18	5° 9	1°50	27°55	6°57	5°43	10°40	9° 9	S 3
M 4	16 49 24	13°10'36	12°56	21°43	9°16	1°43	16°30	21°15	5° 7	1°53	27°54	6°D56	5°39	10°47	9°11	M 4
T 5	16 53 21	14° 7'58	26°12	21°16	10°30	2°27	16°36	21°12	5° 5	1°55	27°54	6°57	5°36	10°54	9°13	T 5
W 6	16 57 17	15° 5'20	9♈51	20°47	11°44	3°11	16°42	21° 9	5° 3	1°57	27°54	6°58	5°33	11° 0	9°15	W 6
T 7	17 1 14	16° 2'41	23°57	20°16	12°57	3°56	16°48	21° 6	5° 2	1°59	27°54	7° 0	5°30	11° 7	9°17	T 7
F 8	17 5 10	17° 0'01	8♉27	19°43	14°11	4°40	16°54	21° 3	5° 0	2° 1	27°D54	7°R 0	5°27	11°14	9°19	F 8
S 9	17 9 7	17°57'21	23°19	19°10	15°25	5°24	16°59	21° 0	4°58	2° 4	27°54	6°59	5°24	11°20	9°21	S 9
S 10	17 13 4	18°54'41	8♊26	18°36	16°38	6° 8	17° 4	20°56	4°57	2° 6	27°54	6°56	5°20	11°27	9°23	S 10
M11	17 17 0	19°52'00	23°41	18° 3	17°52	6°52	17° 9	20°53	4°55	2° 8	27°54	6°52	5°17	11°34	9°24	M11
T 12	17 20 57	20°49'19	8♋51	17°30	19° 6	7°36	17°14	20°49	4°54	2°10	27°54	6°46	5°14	11°40	9°26	T 12
W13	17 24 53	21°46'37	23°48	16°58	20°19	8°20	17°19	20°46	4°52	2°12	27°55	6°39	5°11	11°47	9°28	W13
T 14	17 28 50	22°43'54	8♌23	16°29	21°33	9° 4	17°24	20°42	4°51	2°14	27°55	6°33	5° 8	11°54	9°29	T 14
F 15	17 32 46	23°41'10	22°31	16° 2	22°47	9°48	17°28	20°39	4°49	2°17	27°55	6°27	5° 5	12° 0	9°31	F 15
S 16	17 36 43	24°38'25	6♍ 9	15°37	24° 1	10°31	17°32	20°35	4°48	2°19	27°55	6°24	5° 1	12° 7	9°32	S 16
S 17	17 40 39	25°35'40	19°20	15°16	25°14	11°15	17°36	20°31	4°47	2°21	27°56	6°22	4°58	12°14	9°34	S 17
M18	17 44 36	26°32'54	2♎ 6	14°59	26°28	11°58	17°40	20°27	4°45	2°23	27°56	6°D22	4°55	12°20	9°35	M18
T 19	17 48 33	27°30'07	14°32	14°46	27°42	12°42	17°44	20°24	4°44	2°25	27°56	6°23	4°52	12°27	9°36	T 19
W20	17 52 29	28°27'19	26°41	14°36	28°55	13°25	17°47	20°20	4°43	2°27	27°57	6°24	4°49	12°34	9°37	W20
T 21	17 56 26	29°24'31	8♏39	14°31	0♋ 9	14° 9	17°51	20°16	4°42	2°29	27°57	6°R25	4°45	12°40	9°39	T 21
F 22	18 0 22	0♋21'43	20°30	14°D31	1°23	14°52	17°54	20°12	4°41	2°31	27°57	6°24	4°42	12°47	9°40	F 22
S 23	18 4 19	1°18'54	2♐19	14°36	2°36	15°35	17°57	20° 8	4°40	2°33	27°58	6°20	4°39	12°54	9°41	S 23
S 24	18 8 15	2°16'05	14° 8	14°45	3°50	16°19	17°59	20° 4	4°39	2°35	27°58	6°15	4°36	13° 0	9°42	S 24
M25	18 12 12	3°13'16	25°59	14°59	5° 4	17° 2	18° 2	19°59	4°38	2°37	27°59	6° 7	4°33	13° 7	9°43	M25
T 26	18 16 8	4°10'26	7♑56	15°18	6°18	17°45	18° 4	19°55	4°37	2°39	28° 0	5°57	4°30	13°14	9°44	T 26
W27	18 20 5	5° 7'36	19°59	15°41	7°31	18°28	18° 7	19°51	4°36	2°41	28° 0	5°46	4°26	13°21	9°45	W27
T 28	18 24 2	6° 4'47	2♒ 9	16°10	8°45	19°11	18° 9	19°47	4°35	2°43	28° 1	5°36	4°23	13°27	9°46	T 28
F 29	18 27 58	7° 1'57	14°29	16°43	9°59	19°53	18°10	19°43	4°35	2°45	28° 1	5°26	4°20	13°34	9°47	F 29
S 30	18 31 55	7♋59'07	26♒59	17♊22	11♋13	20♉36	18♓12	19♑38	4♏34	2♊47	28♍ 2	5♉17	4♉17	13♐41	9♈47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 2	24s 4	5s12	22n23	0s54	20n54	0s22	10n26	0s56	6s29	1s 6	21s36	0n11	12s50	0n28	18n59	1s36	16n 3	16n38	13n53	13n29	24s57	5n52	2n27
S 2	22 10	20 30	5 7	22 5	1 11	21 9	0 20	10 42	0 56	6 26	1 7	21 36	0 10	12 49	0 28	18 59	1 36	16 3	16 38	13 52	13 28	24 59	5 53	2 28
S 3	22 18	15 57	4 47	21 46	1 28	21 24	0 18	10 58	0 55	6 24	1 7	21 37	0 10	12 49	0 28	19 0	1 36	16 2	16 37	13 51	13 27	25 0	5 54	2 28
M 4	22 25	10 36	4 13	21 28	1 46	21 37	0 15	11 14	0 55	6 22	1 7	21 37	0 10	12 48	0 28	19 0	1 36	16 2	16 37	13 51	13 26	25 2	5 55	2 28
T 5	22 32	4 38	3 24	21 9	2 3	21 51	0 13	11 30	0 54	6 20	1 7	21 38	0 10	12 48	0 28	19 0	1 36	16 1	16 36	13 51	13 25	25 4	5 55	2 28
W 6	22 38	1n44	2 22	20 50	2 19	22 3	0 11	11 45	0 54	6 18	1 8	21 39	0 10	12 47	0 28	19 1	1 36	16 1	16 36	13 52	13 24	25 5	5 56	2 28
T 7	22 45	8 13	1 10	20 32	2 36	22 15	0 8	12 1	0 53	6 16	1 8	21 39	0 10	12 47	0 28	19 1	1 36	16 1	16 35	13 52	13 23	25 7	5 57	2 28
F 8	22 50	14 28	0n 8	20 14	2 51	22 26	0 6	12 16	0 53	6 14	1 8	21 40	0 10	12 46	0 28	19 2	1 36	16 0	16 35	13 52	13 21	25 9	5 58	2 28
S 9	22 56	20 3	1 27	19 57	3 6	22 37	0 4	12 31	0 52	6 12	1 8	21 40	0 10	12 46	0 28	19 2	1 36	16 0	16 34	13 52	13 20	25 10	5 59	2 28
S 10	23 1	24 25	2 42	19 40	3 20	22 47	0 1	12 46	0 52	6 10	1 9	21 41	0 10	12 45	0 28	19 3	1 36	15 59	16 34	13 51	13 19	25 12	5 59	2 28
M11	23 5	27 5	3 46	19 24	3 33	22 57	0n 1	13 1	0 51	6 8	1 9	21 41	0 10	12 45	0 28	19 3	1 36	15 59	16 33	13 50	13 18	25 14	6 0	2 28
T 12	23 10	27 43	4 33	19 10	3 44	23 5	0 4	13 16	0 51	6 7	1 9	21 42	0 10	12 44	0 28	19 3	1 36	15 58	16 33	13 48	13 17	25 15	6 1	2 28
W13	23 13	26 19	5 1	18 56	3 55	23 13	0 6	13 31	0 50	6 5	1 10	21 43	0 10	12 44	0 28	19 4	1 36	15 58	16 32	13 45	13 16	25 17	6 1	2 28
T 14	23 17	23 9	5 8	18 45	4 4	23 21	0 8	13 45	0 50	6 4	1 10	21 43	0 10	12 43	0 28	19 4	1 36	15 57	16 32	13 43	13 15	25 18	6 2	2 28
F 15	23 20	18 42	4 57	18 34	4 12	23 28	0 11	14 0	0 49	6 2	1 10	21 44	0 9	12 43	0 28	19 5	1 36	15 57	16 31	13 42	13 14	25 20	6 3	2 28
S 16	23 22	13 25	4 28	18 25	4 18	23 34	0 13	14 14	0 48	6 1	1 10	21 45	0 9	12 42	0 28	19 5	1 36	15 56	16 31	13 40	13 13	25 22	6 3	2 28
S 17	23 24	7 42	3 46	18 18	4 23	23 39	0 15	14 28	0 48	6 0	1 11	21 45	0 9	12 42	0 28	19 5	1 36	15 56	16 30	13 40	13 12	25 23	6 4	2 28
M18	23 26	1 49	2 54	18 13	4 27	23 44	0 18	14 42	0 47	5 58	1 11	21 46	0 9	12 41	0 28	19 6	1 36	15 55	16 30	13 40	13 11	25 25	6 5	2 28
T 19	23 27	3s58	1 55	18 9	4 29	23 48	0 20	14 56	0 47	5 57	1 11	21 47	0 9	12 41	0 28	19 6	1 36	15 54	16 29	13 40	13 10	25 26	6 5	2 29
W20	23 28	9 30	0 52	18 7	4 29	23 51	0 22	15 10	0 46	5 56	1 12	21 47	0 9	12 41	0 28	19 7	1 36	15 54	16 29	13 41	13 9	25 28	6 6	2 29
T 21	23 29	14 36	0s12	18 8	4 29	23 53	0 25	15 23	0 46	5 55	1 12	21 48	0 9	12 40	0 28	19 7	1 36	15 53	16 28	13 41	13 8	25 30	6 6	2 29
F 22	23 29	19 7	1 15	18 9	4 27	23 55	0 27	15 36	0 45	5 54	1 12	21 49	0 9	12 40	0 28	19 7	1 36	15 53	16 28	13 40	13 7	25 31	6 7	2 29
S 23	23 28	22 51	2 14	18 13	4 24	23 56	0 29	15 50	0 44	5 53	1 13	21 49	0 9	12 40	0 28	19 8	1 36	15 52	16 27	13 39	13 6	25 33	6 7	2 29
S 24	23 27	25 38	3 8	18 18	4 20	23 57	0 31	16 3	0 44	5 52	1 13	21 50	0 9	12 39	0 28	19 8	1 36	15 51	16 27	13 37	13 4	25 34	6 8	2 29
M25	23 26	27 18	3 53	18 25	4 15	23 56	0 34	16 16	0 43	5 52	1 13	21 51	0 9	12 39	0 28	19 8	1 36	15 51	16 26	13 35	13 3	25 36	6 8	2 29
T 26	23 25	27 43	4 29	18 33	4 8	23 55	0 36	16 28	0 42	5 51	1 13	21 51	0 9	12 39	0 28	19 9	1 36	15 50	16 26	13 32	13 2	25 37	6 9	2 29
W27	23 23	26 48	4 52	18 43	4 1	23 54	0 38	16 41	0 42	5 50	1 14	21 52	0 9	12 39	0 28	19 9	1 36	15 49	16 25	13 28	13 1	25 39	6 9	2 29
T 28	23 20	24 38	5 3	18 53	3 53	23 51	0 40	16 53	0 41	5 50	1 14	21 53	0 8	12 38	0 27	19 9	1 37	15 49	16 25	13 24	13 0	25 40	6 9	2 29
F 29	23 17	21 17	5 0	19 5	3 44	23 48	0 42	17 5	0 41	5 49	1 14	21 53	0 8	12 38	0 27	19 10	1 37	15 48	16 24	13 21	12 59	25 42	6 10	2 29
S 30	23n14	16s57	4s43	19n19	3s35	23n44	0n44	17n17	0s40	5s49	1s15	21s54	0n 8	12s38	0n27	19n10	1s37	15n47	16n24	13n18	12n58	25s43	6n10	2n29

Julian Day Number = 2351254.5, Delta T = 10.67 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'25, Lahiri = 20°01'26Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1725
geocentric

JULY 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 51	8♋56'18	9♓41	18♊ 4	12♋26	21♉19	18♓13	19°R34	4°R33	2♊49	28♍ 3	5°R12	4♉14	13♐47	9♈48	S 1
M 2	18 39 48	9°53'28	22°38	18°52	13°40	22° 2	18°15	19♑30	4♏33	2°51	28° 4	5♉ 8	4°11	13°54	9°49	M 2
T 3	18 43 44	10°50'39	5♈52	19°44	14°54	22°44	18°16	19°26	4°32	2°53	28° 4	5°D 7	4° 7	14° 1	9°49	T 3
W 4	18 47 41	11°47'51	19°25	20°41	16° 8	23°27	18°17	19°21	4°32	2°54	28° 5	5° 7	4° 4	14° 7	9°50	W 4
T 5	18 51 37	12°45'03	3♉20	21°42	17°21	24° 9	18°17	19°17	4°31	2°56	28° 6	5°R 7	4° 1	14°14	9°50	T 5
F 6	18 55 34	13°42'15	17°37	22°48	18°35	24°51	18°18	19°12	4°31	2°58	28° 7	5° 7	3°58	14°21	9°51	F 6
S 7	18 59 31	14°39'28	2♊14	23°58	19°49	25°34	18°18	19° 8	4°30	3° 0	28° 8	5° 4	3°55	14°27	9°51	S 7
S 8	19 3 27	15°36'41	17° 8	25°13	21° 3	26°16	18°R18	19° 4	4°30	3° 2	28° 9	4°59	3°51	14°34	9°51	S 8
M 9	19 7 24	16°33'55	2♋12	26°32	22°17	26°58	18°18	18°59	4°30	3° 3	28°10	4°52	3°48	14°41	9°52	M 9
T 10	19 11 20	17°31'10	17°16	27°55	23°31	27°40	18°18	18°55	4°30	3° 5	28°11	4°43	3°45	14°47	9°52	T 10
W11	19 15 17	18°28'24	2♌10	29°22	24°44	28°22	18°17	18°50	4°30	3° 7	28°12	4°32	3°42	14°54	9°52	W11
T 12	19 19 13	19°25'39	16°47	0♋53	25°58	29° 4	18°17	18°46	4°30	3° 9	28°13	4°22	3°39	15° 1	9°52	T 12
F 13	19 23 10	20°22'54	0♍58	2°28	27°12	29°46	18°16	18°41	4°D29	3°10	28°14	4°13	3°36	15° 7	9°R52	F 13
S 14	19 27 7	21°20'09	14°41	4° 7	28°26	0♊27	18°15	18°37	4°30	3°12	28°15	4° 6	3°32	15°14	9°52	S 14
S 15	19 31 3	22°17'24	27°56	5°49	29°40	1° 9	18°13	18°33	4°30	3°13	28°16	4° 2	3°29	15°21	9°52	S 15
M16	19 35 0	23°14'39	10♎44	7°35	0♌54	1°51	18°12	18°28	4°30	3°15	28°17	4° 0	3°26	15°27	9°52	M16
T 17	19 38 56	24°11'55	23°10	9°24	2° 7	2°32	18°10	18°24	4°30	3°17	28°19	4°D 0	3°23	15°34	9°52	T 17
W18	19 42 53	25° 9'11	5♏19	11°16	3°21	3°14	18° 8	18°19	4°30	3°18	28°20	4°R 0	3°20	15°41	9°52	W18
T 19	19 46 49	26° 6'27	17°16	13°11	4°35	3°55	18° 6	18°15	4°30	3°20	28°21	3°59	3°17	15°47	9°51	T 19
F 20	19 50 46	27° 3'44	29° 7	15° 9	5°49	4°36	18° 4	18°11	4°31	3°21	28°23	3°57	3°13	15°54	9°51	F 20
S 21	19 54 42	28° 1'01	10♐55	17° 8	7° 3	5°17	18° 1	18° 6	4°31	3°23	28°24	3°53	3°10	16° 1	9°51	S 21
S 22	19 58 39	28°58'19	22°46	19°10	8°17	5°58	17°59	18° 2	4°32	3°24	28°25	3°45	3° 7	16° 7	9°50	S 22
M23	20 2 36	29°55'37	4♑42	21°13	9°31	6°39	17°56	17°58	4°32	3°26	28°27	3°36	3° 4	16°14	9°50	M23
T 24	20 6 32	0♌52'56	16°46	23°17	10°44	7°20	17°53	17°54	4°33	3°27	28°28	3°24	3° 1	16°21	9°49	T 24
W25	20 10 29	1°50'16	29° 0	25°23	11°58	8° 1	17°50	17°49	4°33	3°28	28°29	3°11	2°57	16°28	9°48	W25
T 26	20 14 25	2°47'36	11♒24	27°28	13°12	8°42	17°46	17°45	4°34	3°30	28°31	2°57	2°54	16°34	9°48	T 26
F 27	20 18 22	3°44'57	23°58	29°34	14°26	9°22	17°43	17°41	4°35	3°31	28°32	2°45	2°51	16°41	9°47	F 27
S 28	20 22 18	4°42'19	6♓44	1♌40	15°40	10° 3	17°39	17°37	4°35	3°32	28°34	2°35	2°48	16°48	9°46	S 28
S 29	20 26 15	5°39'42	19°40	3°46	16°54	10°44	17°35	17°33	4°36	3°34	28°35	2°27	2°45	16°54	9°46	S 29
M30	20 30 11	6°37'06	2♈48	5°51	18° 8	11°24	17°31	17°29	4°37	3°35	28°37	2°22	2°42	17° 1	9°45	M30
T 31	20 34 8	7♌34'31	16♈ 9	7♌56	19♌22	12♊ 4	17♓27	17♑25	4♏38	3♊36	28♍39	2♉20	2♉38	17♐ 8	9♈44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n11	11s49	4s11	19n33	3s25	23n40	0n46	17n29	0s39	5s49	1s15	21s55	0n 8	12s38	0n27	19n11	1s37	15n46	16n23	13n16	12n57	25s45	6n10	2n29
M 2	23 6	6 5	3 26	19 47	3 14	23 34	0 48	17 41	0 39	5 49	1 15	21 55	0 8	12 38	0 27	19 11	1 37	15 46	16 23	13 15	12 56	25 46	6 11	2 29
T 3	23 2	0n 3	2 29	20 3	3 3	23 29	0 50	17 52	0 38	5 48	1 16	21 56	0 8	12 37	0 27	19 11	1 37	15 45	16 22	13 15	12 55	25 48	6 11	2 29
W 4	22 57	6 20	1 23	20 19	2 51	23 22	0 52	18 4	0 37	5 48	1 16	21 57	0 8	12 37	0 27	19 12	1 37	15 44	16 22	13 15	12 54	25 49	6 11	2 30
T 5	22 52	12 30	0 10	20 35	2 39	23 15	0 54	18 15	0 36	5 48	1 16	21 58	0 8	12 37	0 27	19 12	1 37	15 43	16 21	13 15	12 53	25 51	6 12	2 30
F 6	22 46	18 10	1n 6	20 51	2 26	23 7	0 56	18 26	0 36	5 49	1 17	21 58	0 8	12 37	0 27	19 12	1 37	15 43	16 21	13 15	12 52	25 52	6 12	2 30
S 7	22 40	22 54	2 19	21 7	2 13	22 58	0 58	18 37	0 35	5 49	1 17	21 59	0 8	12 37	0 27	19 12	1 37	15 42	16 21	13 14	12 51	25 54	6 12	2 30
S 8	22 34	26 14	3 23	21 23	2 0	22 48	1 0	18 47	0 34	5 49	1 17	22 0	0 8	12 37	0 27	19 13	1 37	15 41	16 20	13 12	12 49	25 55	6 12	2 30
M 9	22 27	27 42	4 15	21 39	1 47	22 38	1 1	18 58	0 34	5 49	1 17	22 0	0 7	12 37	0 27	19 13	1 37	15 40	16 20	13 10	12 48	25 57	6 12	2 30
T 10	22 20	27 7	4 48	21 54	1 34	22 28	1 3	19 8	0 33	5 50	1 18	22 1	0 7	12 37	0 27	19 13	1 37	15 39	16 19	13 7	12 47	25 58	6 13	2 30
W11	22 12	24 36	5 1	22 8	1 20	22 16	1 5	19 18	0 32	5 50	1 18	22 2	0 7	12 37	0 27	19 14	1 37	15 39	16 19	13 3	12 46	26 0	6 13	2 30
T 12	22 4	20 31	4 55	22 22	1 7	22 4	1 6	19 28	0 32	5 51	1 18	22 2	0 7	12 37	0 27	19 14	1 37	15 38	16 18	13 0	12 45	26 1	6 13	2 30
F 13	21 56	15 21	4 30	22 34	0 54	21 52	1 8	19 38	0 31	5 51	1 19	22 3	0 7	12 37	0 27	19 14	1 37	15 37	16 18	12 57	12 44	26 2	6 13	2 30
S 14	21 47	9 34	3 50	22 44	0 40	21 38	1 9	19 47	0 30	5 52	1 19	22 4	0 7	12 37	0 27	19 15	1 37	15 36	16 17	12 54	12 43	26 4	6 13	2 30
S 15	21 38	3 33	2 59	22 53	0 28	21 24	1 11	19 57	0 29	5 53	1 19	22 5	0 7	12 37	0 27	19 15	1 37	15 35	16 17	12 53	12 42	26 5	6 13	2 30
M16	21 28	2s25	2 0	23 1	0 15	21 10	1 12	20 6	0 29	5 54	1 20	22 5	0 7	12 37	0 27	19 15	1 37	15 34	16 16	12 52	12 41	26 7	6 13	2 30
T 17	21 18	8 8	0 57	23 6	0 3	20 55	1 13	20 15	0 28	5 55	1 20	22 6	0 7	12 37	0 27	19 15	1 37	15 33	16 16	12 52	12 40	26 8	6 13	2 30
W18	21 8	13 26	0s 7	23 9	0n 9	20 39	1 15	20 24	0 27	5 56	1 20	22 7	0 7	12 37	0 27	19 16	1 37	15 33	16 16	12 52	12 39	26 9	6 13	2 30
T 19	20 58	18 8	1 10	23 10	0 21	20 22	1 16	20 32	0 26	5 57	1 20	22 7	0 7	12 37	0 27	19 16	1 37	15 32	16 15	12 52	12 38	26 11	6 13	2 31
F 20	20 47	22 5	2 9	23 8	0 32	20 6	1 17	20 40	0 25	5 58	1 21	22 8	0 7	12 37	0 27	19 16	1 37	15 31	16 15	12 51	12 36	26 12	6 13	2 31
S 21	20 35	25 7	3 2	23 4	0 42	19 48	1 18	20 49	0 25	5 59	1 21	22 9	0 6	12 38	0 27	19 16	1 37	15 30	16 14	12 50	12 35	26 14	6 13	2 31
S 22	20 24	27 4	3 47	22 57	0 51	19 30	1 19	20 57	0 24	6 0	1 21	22 9	0 6	12 38	0 27	19 17	1 37	15 29	16 14	12 47	12 34	26 15	6 13	2 31
M23	20 12	27 47	4 23	22 47	1 0	19 11	1 20	21 4	0 23	6 2	1 22	22 10	0 6	12 38	0 27	19 17	1 37	15 28	16 13	12 44	12 33	26 16	6 12	2 31
T 24	20 0	27 11	4 47	22 35	1 8	18 52	1 21	21 12	0 22	6 3	1 22	22 11	0 6	12 38	0 27	19 17	1 37	15 27	16 13	12 40	12 32	26 18	6 12	2 31
W25	19 47	25 16	4 59	22 20	1 16	18 33	1 22	21 20	0 22	6 5	1 22	22 11	0 6	12 38	0 27	19 17	1 37	15 26	16 13	12 36	12 31	26 19	6 12	2 31
T 26	19 34	22 8	4 57	22 3	1 22	18 12	1 23	21 27	0 21	6 6	1 22	22 12	0 6	12 39	0 27	19 17	1 37	15 25	16 12	12 31	12 30	26 20	6 12	2 31
F 27	19 21	17 57	4 40	21 42	1 28	17 52	1 24	21 34	0 20	6 8	1 23	22 13	0 6	12 39	0 27	19 18	1 38	15 24	16 12	12 27	12 29	26 22	6 12	2 31
S 28	19 7	12 54	4 9	21 20	1 33	17 30	1 24	21 41	0 19	6 10	1 23	22 13	0 6	12 39	0 27	19 18	1 38	15 23	16 12	12 23	12 28	26 23	6 11	2 31
S 29	18 53	7 14	3 25	20 55	1 37	17 9	1 25	21 47	0 18	6 11	1 23	22 14	0 6	12 40	0 27	19 18	1 38	15 22	16 11	12 21	12 27	26 24	6 11	2 31
M30	18 39	1 10	2 29	20 28	1 40	16 47	1 26	21 54	0 17	6 13	1 24	22 14	0 6	12 40	0 26	19 18	1 38	15 21	16 11	12 19	12 26	26 25	6 11	2 31
T 31	18n24	5n 4	1s24	19n58	1n43	16n24	1n26	22n 0	0s17	6s15	1s24	22s15	0n 6	12s40	0n26	19n18	1s38	15n20	16n10	12n18	12n24	26s27	6n11	2n31

Julian Day Number = 2351284.5, Delta T = 10.68 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'29, Lahiri = 20°01'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

AUGUST 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 5	8♌31'58	29♈44	9♌59	20♌36	12♊44	17°R22	17°R21	4♏39	3♊37	28♍40	2°R19	2♉35	17♐14	9°R43	W 1
T 2	20 42 1	9°29'25	13♉35	12° 2	21°49	13°25	17♓18	17♑17	4°40	3°38	28°42	2♉19	2°32	17°21	9♈42	T 2
F 3	20 45 58	10°26'55	27°41	14° 4	23° 3	14° 5	17°13	17°13	4°41	3°39	28°43	2°18	2°29	17°28	9°41	F 3
S 4	20 49 54	11°24'25	12♊ 2	16° 4	24°17	14°45	17° 8	17° 9	4°42	3°41	28°45	2°16	2°26	17°34	9°40	S 4
S 5	20 53 51	12°21'57	26°37	18° 3	25°31	15°24	17° 3	17° 5	4°43	3°42	28°47	2°11	2°23	17°41	9°38	S 5
M 6	20 57 47	13°19'31	11♋19	20° 0	26°45	16° 4	16°58	17° 1	4°44	3°43	28°48	2° 3	2°19	17°48	9°37	M 6
T 7	21 1 44	14°17'06	26° 3	21°57	27°59	16°44	16°52	16°58	4°46	3°44	28°50	1°53	2°16	17°54	9°36	T 7
W 8	21 5 40	15°14'41	10♌41	23°51	29°13	17°24	16°47	16°54	4°47	3°45	28°52	1°42	2°13	18° 1	9°35	W 8
T 9	21 9 37	16°12'19	25° 5	25°45	0♍27	18° 3	16°41	16°51	4°48	3°46	28°54	1°32	2°10	18° 8	9°33	T 9
F 10	21 13 34	17° 9'57	9♍ 9	27°36	1°41	18°42	16°35	16°47	4°50	3°47	28°56	1°22	2° 7	18°15	9°32	F 10
S 11	21 17 30	18° 7'36	22°48	29°27	2°55	19°22	16°29	16°44	4°51	3°47	28°57	1°15	2° 3	18°21	9°30	S 11
S 12	21 21 27	19° 5'16	6♎ 2	1♍16	4° 9	20° 1	16°23	16°40	4°53	3°48	28°59	1°10	2° 0	18°28	9°29	S 12
M13	21 25 23	20° 2'58	18°51	3° 3	5°23	20°40	16°17	16°37	4°54	3°49	29° 1	1° 7	1°57	18°35	9°27	M13
T 14	21 29 20	21° 0'40	1♏19	4°49	6°37	21°19	16°10	16°34	4°56	3°50	29° 3	1°D 7	1°54	18°41	9°26	T 14
W15	21 33 16	21°58'24	13°29	6°34	7°50	21°58	16° 4	16°30	4°57	3°51	29° 5	1° 7	1°51	18°48	9°24	W15
T 16	21 37 13	22°56'09	25°28	8°17	9° 4	22°37	15°57	16°27	4°59	3°51	29° 7	1°R 7	1°48	18°55	9°22	T 16
F 17	21 41 9	23°53'55	7♐19	9°59	10°18	23°15	15°50	16°24	5° 1	3°52	29° 9	1° 6	1°44	19° 1	9°21	F 17
S 18	21 45 6	24°51'42	19° 9	11°39	11°32	23°54	15°44	16°21	5° 3	3°53	29°11	1° 3	1°41	19° 8	9°19	S 18
S 19	21 49 3	25°49'30	1♑ 3	13°18	12°46	24°32	15°37	16°18	5° 5	3°53	29°13	0°58	1°38	19°15	9°17	S 19
M20	21 52 59	26°47'20	13° 4	14°55	14° 0	25°11	15°30	16°16	5° 6	3°54	29°15	0°51	1°35	19°21	9°15	M20
T 21	21 56 56	27°45'11	25°15	16°32	15°14	25°49	15°22	16°13	5° 8	3°55	29°17	0°41	1°32	19°28	9°13	T 21
W22	22 0 52	28°43'03	7♒39	18° 6	16°28	26°27	15°15	16°10	5°10	3°55	29°19	0°30	1°29	19°35	9°11	W22
T 23	22 4 49	29°40'57	20°17	19°40	17°42	27° 5	15° 8	16° 7	5°12	3°56	29°21	0°19	1°25	19°41	9° 9	T 23
F 24	22 8 45	0♍38'52	3♓ 9	21°12	18°55	27°43	15° 0	16° 5	5°14	3°56	29°23	0° 9	1°22	19°48	9° 7	F 24
S 25	22 12 42	1°36'49	16°15	22°43	20° 9	28°21	14°53	16° 3	5°16	3°57	29°25	0° 1	1°19	19°55	9° 5	S 25
S 26	22 16 38	2°34'47	29°32	24°12	21°23	28°59	14°45	16° 0	5°19	3°57	29°27	29♈55	1°16	20° 1	9° 3	S 26
M27	22 20 35	3°32'47	13♈ 1	25°40	22°37	29°36	14°38	15°58	5°21	3°57	29°29	29°51	1°13	20° 8	9° 1	M27
T 28	22 24 32	4°30'49	26°40	27° 7	23°51	0♋14	14°30	15°56	5°23	3°58	29°31	29°D50	1° 9	20°15	8°59	T 28
W29	22 28 28	5°28'53	10♉27	28°32	25° 5	0°51	14°22	15°54	5°25	3°58	29°33	29°50	1° 6	20°22	8°57	W29
T 30	22 32 25	6°26'59	24°24	29°56	26°19	1°28	14°14	15°52	5°28	3°58	29°35	29°51	1° 3	20°28	8°55	T 30
F 31	22 36 21	7♍25'07	8♊28	1♎18	27♍32	2♋ 6	14♓ 7	15♑50	5♏30	3♊58	29♍38	29°R52	1♉ 0	20♐35	8♈52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 9	11n11	0s14	19n27	1n45	16n 1	1n27	22n 6	0s16	6s17	1s24	22s16	0n 5	12s41	0n26	19n19	1s38	15n19	16n10	12n18	12n23	26s28	6n10	2n31
T 2	17 54	16 53	0n59	18 54	1 46	15 38	1 27	22 12	0 15	6 19	1 24	22 16	0 5	12 41	0 26	19 19	1 38	15 19	16 10	12 18	12 22	26 29	6 10	2 31
F 3	17 39	21 47	2 10	18 20	1 46	15 14	1 27	22 18	0 14	6 21	1 25	22 17	0 5	12 41	0 26	19 19	1 38	15 18	16 9	12 18	12 21	26 31	6 10	2 31
S 4	17 23	25 28	3 13	17 44	1 46	14 49	1 28	22 23	0 13	6 23	1 25	22 17	0 5	12 42	0 26	19 19	1 38	15 17	16 9	12 17	12 20	26 32	6 9	2 31
S 5	17 7	27 31	4 5	17 7	1 45	14 25	1 28	22 28	0 12	6 26	1 25	22 18	0 5	12 42	0 26	19 19	1 38	15 16	16 9	12 15	12 19	26 33	6 9	2 31
M 6	16 51	27 40	4 42	16 28	1 44	14 0	1 28	22 33	0 11	6 28	1 25	22 19	0 5	12 43	0 26	19 19	1 38	15 15	16 8	12 12	12 18	26 34	6 8	2 32
T 7	16 34	25 52	4 59	15 49	1 42	13 34	1 28	22 38	0 11	6 30	1 26	22 19	0 5	12 43	0 26	19 20	1 38	15 14	16 8	12 9	12 17	26 36	6 8	2 32
W 8	16 17	22 21	4 57	15 9	1 39	13 8	1 28	22 43	0 10	6 33	1 26	22 20	0 5	12 43	0 26	19 20	1 38	15 13	16 8	12 5	12 16	26 37	6 7	2 32
T 9	16 0	17 31	4 36	14 28	1 36	12 42	1 28	22 48	0 9	6 35	1 26	22 20	0 5	12 44	0 26	19 20	1 38	15 12	16 7	12 1	12 15	26 38	6 7	2 32
F 10	15 43	11 50	3 59	13 46	1 32	12 15	1 28	22 52	0 8	6 38	1 26	22 21	0 5	12 44	0 26	19 20	1 38	15 11	16 7	11 58	12 14	26 39	6 6	2 32
S 11	15 25	5 44	3 8	13 4	1 28	11 49	1 27	22 56	0 7	6 40	1 27	22 21	0 5	12 45	0 26	19 20	1 38	15 10	16 7	11 56	12 12	26 41	6 6	2 32
S 12	15 7	0s26	2 9	12 21	1 24	11 21	1 27	23 0	0 6	6 43	1 27	22 22	0 4	12 46	0 26	19 20	1 38	15 9	16 6	11 54	12 11	26 42	6 5	2 32
M13	14 49	6 24	1 5	11 38	1 19	10 54	1 27	23 4	0 5	6 45	1 27	22 22	0 4	12 46	0 26	19 20	1 38	15 8	16 6	11 53	12 10	26 43	6 5	2 32
T 14	14 31	11 58	0s 1	10 54	1 14	10 26	1 26	23 7	0 4	6 48	1 27	22 23	0 4	12 47	0 26	19 20	1 38	15 7	16 6	11 53	12 9	26 44	6 4	2 32
W15	14 12	16 57	1 5	10 10	1 8	9 58	1 26	23 11	0 3	6 51	1 27	22 23	0 4	12 47	0 26	19 20	1 38	15 6	16 6	11 53	12 8	26 45	6 3	2 32
T 16	13 54	21 12	2 6	9 26	1 2	9 30	1 25	23 14	0 2	6 54	1 28	22 24	0 4	12 48	0 26	19 21	1 38	15 5	16 5	11 53	12 7	26 46	6 3	2 32
F 17	13 35	24 32	3 0	8 42	0 56	9 1	1 25	23 17	0 1	6 56	1 28	22 24	0 4	12 48	0 26	19 21	1 38	15 4	16 5	11 53	12 6	26 48	6 2	2 32
S 18	13 15	26 48	3 47	7 58	0 49	8 33	1 24	23 20	0 1	6 59	1 28	22 25	0 4	12 49	0 26	19 21	1 39	15 3	16 5	11 52	12 5	26 49	6 2	2 32
S 19	12 56	27 52	4 23	7 14	0 43	8 4	1 23	23 22	0n 0	7 2	1 28	22 25	0 4	12 50	0 26	19 21	1 39	15 2	16 5	11 50	12 4	26 50	6 1	2 32
M20	12 36	27 38	4 49	6 30	0 36	7 34	1 22	23 25	0 1	7 5	1 28	22 25	0 4	12 50	0 26	19 21	1 39	15 1	16 4	11 47	12 3	26 51	6 0	2 32
T 21	12 16	26 4	5 2	5 46	0 28	7 5	1 22	23 27	0 2	7 8	1 28	22 26	0 4	12 51	0 26	19 21	1 39	15 0	16 4	11 44	12 1	26 52	5 59	2 32
W22	11 56	23 14	5 1	5 2	0 21	6 35	1 21	23 29	0 3	7 11	1 29	22 26	0 4	12 52	0 26	19 21	1 39	14 59	16 4	11 40	12 0	26 53	5 59	2 32
T 23	11 36	19 15	4 45	4 18	0 13	6 5	1 20	23 31	0 4	7 14	1 29	22 27	0 3	12 52	0 26	19 21	1 39	14 58	16 4	11 36	11 59	26 55	5 58	2 32
F 24	11 16	14 20	4 15	3 35	0 5	5 36	1 18	23 33	0 5	7 17	1 29	22 27	0 3	12 53	0 26	19 21	1 39	14 57	16 3	11 33	11 58	26 56	5 57	2 32
S 25	10 55	8 41	3 31	2 52	0s 2	5 5	1 17	23 34	0 6	7 20	1 29	22 27	0 3	12 54	0 26	19 21	1 39	14 56	16 3	11 30	11 57	26 57	5 56	2 32
S 26	10 34	2 33	2 35	2 9	0 11	4 35	1 16	23 36	0 7	7 23	1 29	22 28	0 3	12 55	0 26	19 21	1 39	14 55	16 3	11 28	11 56	26 58	5 55	2 32
M27	10 13	3n47	1 29	1 26	0 19	4 5	1 15	23 37	0 8	7 26	1 29	22 28	0 3	12 55	0 26	19 21	1 39	14 54	16 3	11 26	11 55	26 59	5 55	2 32
T 28	9 52	10 2	0 17	0 44	0 27	3 34	1 13	23 38	0 9	7 29	1 30	22 29	0 3	12 56	0 26	19 21	1 39	14 53	16 3	11 26	11 54	27 0	5 54	2 32
W29	9 31	15 53	0n57	0 3	0 35	3 4	1 12	23 39	0 10	7 32	1 30	22 29	0 3	12 57	0 26	19 21	1 39	14 52	16 3	11 26	11 53	27 1	5 53	2 32
T 30	9 10	20 58	2 8	0s39	0 44	2 33	1 11	23 39	0 11	7 35	1 30	22 29	0 3	12 58	0 26	19 21	1 39	14 51	16 2	11 26	11 51	27 2	5 52	2 32
F 31	8n48	24n55	3n12	1s19	0s52	2n 2	1n 9	23n40	0n12	7s39	1s30	22s30	0n 3	12s59	0n26	19n21	1s39	14n50	16n 2	11n26	11n50	27s 3	5n51	2n32

Julian Day Number = 2351315.5, Delta T = 10.68 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'34, Lahiri = 20°01'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

SEPTEMBER 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 18	8♍23'17	22♊40	2♎39	28♍46	2♋43	13°R59	15°R48	5♏32	3♊59	29♍40	29°R51	0♉57	20♐42	8°R50	S 1
S 2	22 44 14	9°21'29	6♋57	3°59	0♎ 0	3°20	13♓51	15♑46	5°35	3°59	29°42	29♈48	0°54	20°48	8♈48	S 2
M 3	22 48 11	10°19'43	21°16	5°17	1°14	3°56	13°43	15°44	5°37	3°59	29°44	29°43	0°50	20°55	8°45	M 3
T 4	22 52 7	11°17'59	5♌35	6°33	2°28	4°33	13°35	15°43	5°40	3°59	29°46	29°36	0°47	21° 2	8°43	T 4
W 5	22 56 4	12°16'17	19°46	7°48	3°42	5°10	13°27	15°41	5°42	3°59	29°48	29°29	0°44	21° 8	8°40	W 5
T 6	23 0 1	13°14'37	3♍47	9° 1	4°55	5°46	13°19	15°40	5°45	3°59	29°51	29°21	0°41	21°15	8°38	T 6
F 7	23 3 57	14°12'59	17°31	10°12	6° 9	6°22	13°11	15°39	5°48	3°R59	29°53	29°15	0°38	21°22	8°36	F 7
S 8	23 7 54	15°11'22	0♎57	11°21	7°23	6°58	13° 3	15°37	5°50	3°59	29°55	29° 9	0°35	21°28	8°33	S 8
S 9	23 11 50	16° 9'48	14° 2	12°28	8°37	7°34	12°55	15°36	5°53	3°59	29°57	29° 6	0°31	21°35	8°30	S 9
M10	23 15 47	17° 8'15	26°46	13°33	9°51	8°10	12°47	15°35	5°56	3°59	29°59	29°D 5	0°28	21°42	8°28	M10
T 11	23 19 43	18° 6'44	9♏12	14°36	11° 4	8°46	12°39	15°34	5°59	3°59	0♎ 2	29° 6	0°25	21°49	8°25	T 11
W12	23 23 40	19° 5'14	21°22	15°37	12°18	9°22	12°31	15°34	6° 1	3°59	0° 4	29° 7	0°22	21°55	8°23	W12
T 13	23 27 36	20° 3'46	3♐21	16°34	13°32	9°57	12°23	15°33	6° 4	3°59	0° 6	29° 9	0°19	22° 2	8°20	T 13
F 14	23 31 33	21° 2'20	15°14	17°30	14°46	10°32	12°16	15°32	6° 7	3°58	0° 9	29°10	0°15	22° 9	8°17	F 14
S 15	23 35 30	22° 0'56	27° 5	18°22	15°59	11° 8	12° 8	15°32	6°10	3°58	0°11	29°R10	0°12	22°15	8°15	S 15
S 16	23 39 26	22°59'33	9♑ 0	19°11	17°13	11°43	12° 0	15°31	6°13	3°58	0°13	29° 8	0° 9	22°22	8°12	S 16
M17	23 43 23	23°58'12	21° 3	19°56	18°27	12°18	11°53	15°31	6°16	3°58	0°16	29° 5	0° 6	22°29	8° 9	M17
T 18	23 47 19	24°56'53	3♒18	20°38	19°41	12°52	11°45	15°31	6°19	3°57	0°18	29° 1	0° 3	22°35	8° 7	T 18
W19	23 51 16	25°55'36	15°48	21°16	20°54	13°27	11°37	15°31	6°22	3°57	0°20	28°56	29♈59	22°42	8° 4	W19
T 20	23 55 12	26°54'20	28°37	21°50	22° 8	14° 1	11°30	15°D31	6°25	3°56	0°22	28°50	29°56	22°49	8° 1	T 20
F 21	23 59 9	27°53'06	11♓44	22°18	23°22	14°36	11°23	15°31	6°28	3°56	0°25	28°45	29°53	22°55	7°58	F 21
S 22	0 3 5	28°51'54	25° 8	22°42	24°35	15°10	11°15	15°31	6°31	3°55	0°27	28°41	29°50	23° 2	7°56	S 22
S 23	0 7 2	29°50'44	8♈49	23° 1	25°49	15°44	11° 8	15°31	6°35	3°55	0°29	28°38	29°47	23° 9	7°53	S 23
M24	0 10 58	0♎49'35	22°44	23°13	27° 2	16°18	11° 1	15°31	6°38	3°54	0°32	28°D37	29°44	23°16	7°50	M24
T 25	0 14 55	1°48'30	6♉48	23°R20	28°16	16°51	10°54	15°32	6°41	3°54	0°34	28°37	29°40	23°22	7°47	T 25
W26	0 18 52	2°47'26	21° 0	23°19	29°30	17°25	10°47	15°32	6°44	3°53	0°36	28°38	29°37	23°29	7°45	W26
T 27	0 22 48	3°46'25	5♊14	23°12	0♏43	17°58	10°41	15°33	6°48	3°53	0°38	28°40	29°34	23°36	7°42	T 27
F 28	0 26 45	4°45'26	19°29	22°57	1°57	18°31	10°34	15°34	6°51	3°52	0°41	28°41	29°31	23°42	7°39	F 28
S 29	0 30 41	5°44'29	3♋42	22°35	3°10	19° 4	10°28	15°35	6°54	3°51	0°43	28°R42	29°28	23°49	7°36	S 29
S 30	0 34 38	6♎43'35	17♋51	22♎ 5	4♏24	19♋37	10♓21	15♑36	6♏58	3♊50	0♎45	28♈41	29♈25	23♐56	7♈33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n26	27n21	4n 5	1s59	1s 1	1n31	1n 7	23n40	0n13	7s42	1s30	22s30	0n 3	12s59	0n25	19n21	1s39	14n49	16n 2	11n26	11n49	27s 4	5n50	2n32
S 2	8 4	28 1	4 43	2 39	1 10	1 0	1 6	23 41	0 14	7 45	1 30	22 30	0 3	13 0	0 25	19 21	1 39	14 48	16 2	11 25	11 48	27 5	5 49	2 32
M 3	7 42	26 47	5 4	3 18	1 18	0 29	1 4	23 41	0 15	7 48	1 30	22 30	0 2	13 1	0 25	19 21	1 39	14 47	16 2	11 23	11 47	27 6	5 48	2 32
T 4	7 20	23 50	5 5	3 56	1 27	0s 2	1 2	23 40	0 17	7 51	1 30	22 31	0 2	13 2	0 25	19 21	1 39	14 46	16 2	11 21	11 46	27 7	5 47	2 32
W 5	6 58	19 28	4 48	4 33	1 35	0 33	1 1	23 40	0 18	7 54	1 30	22 31	0 2	13 3	0 25	19 21	1 39	14 45	16 2	11 18	11 45	27 8	5 46	2 32
T 6	6 36	14 5	4 14	5 10	1 44	1 4	0 59	23 40	0 19	7 57	1 30	22 31	0 2	13 4	0 25	19 21	1 40	14 44	16 1	11 16	11 44	27 9	5 45	2 32
F 7	6 13	8 5	3 25	5 46	1 52	1 35	0 57	23 39	0 20	8 1	1 30	22 31	0 2	13 5	0 25	19 21	1 40	14 43	16 1	11 13	11 43	27 10	5 45	2 32
S 8	5 51	1 52	2 26	6 21	2 1	2 6	0 55	23 38	0 21	8 4	1 30	22 32	0 2	13 5	0 25	19 21	1 40	14 42	16 1	11 12	11 42	27 11	5 43	2 32
S 9	5 28	4s18	1 21	6 55	2 9	2 37	0 53	23 37	0 22	8 7	1 30	22 32	0 2	13 6	0 25	19 21	1 40	14 41	16 1	11 10	11 40	27 12	5 42	2 32
M10	5 5	10 8	0 13	7 28	2 17	3 8	0 51	23 36	0 23	8 10	1 31	22 32	0 2	13 7	0 25	19 21	1 40	14 40	16 1	11 10	11 39	27 13	5 41	2 32
T 11	4 42	15 27	0s55	8 0	2 26	3 39	0 48	23 35	0 24	8 13	1 31	22 32	0 2	13 8	0 25	19 21	1 40	14 39	16 1	11 10	11 38	27 14	5 40	2 32
W12	4 20	20 2	1 58	8 31	2 33	4 10	0 46	23 34	0 25	8 16	1 31	22 32	0 2	13 9	0 25	19 21	1 40	14 38	16 1	11 11	11 37	27 15	5 39	2 32
T 13	3 57	23 44	2 55	9 0	2 41	4 40	0 44	23 32	0 26	8 19	1 31	22 33	0 2	13 10	0 25	19 21	1 40	14 37	16 1	11 11	11 36	27 16	5 38	2 32
F 14	3 33	26 23	3 45	9 28	2 49	5 11	0 42	23 31	0 27	8 22	1 31	22 33	0 2	13 11	0 25	19 20	1 40	14 36	16 1	11 12	11 35	27 17	5 37	2 32
S 15	3 10	27 51	4 24	9 55	2 56	5 42	0 39	23 29	0 29	8 25	1 31	22 33	0 1	13 12	0 25	19 20	1 40	14 35	16 1	11 12	11 34	27 18	5 36	2 32
S 16	2 47	28 2	4 53	10 20	3 3	6 12	0 37	23 27	0 30	8 28	1 31	22 33	0 1	13 13	0 25	19 20	1 40	14 34	16 1	11 11	11 33	27 19	5 35	2 32
M17	2 24	26 54	5 8	10 44	3 9	6 43	0 35	23 25	0 31	8 31	1 31	22 33	0 1	13 14	0 25	19 20	1 40	14 33	16 1	11 10	11 31	27 20	5 34	2 32
T 18	2 1	24 29	5 11	11 5	3 16	7 13	0 32	23 23	0 32	8 34	1 31	22 33	0 1	13 15	0 25	19 20	1 40	14 32	16 1	11 9	11 30	27 21	5 33	2 32
W19	1 37	20 52	4 58	11 25	3 21	7 43	0 30	23 21	0 33	8 37	1 31	22 33	0 1	13 16	0 25	19 20	1 40	14 31	16 1	11 7	11 29	27 22	5 32	2 32
T 20	1 14	16 12	4 31	11 42	3 27	8 13	0 27	23 19	0 34	8 39	1 30	22 33	0 1	13 17	0 25	19 20	1 40	14 30	16 1	11 5	11 28	27 23	5 31	2 32
F 21	0 51	10 42	3 49	11 58	3 31	8 42	0 25	23 16	0 36	8 42	1 30	22 34	0 1	13 18	0 25	19 20	1 40	14 30	16 1	11 3	11 27	27 24	5 29	2 32
S 22	0 27	4 35	2 53	12 10	3 35	9 12	0 22	23 13	0 37	8 45	1 30	22 34	0 1	13 19	0 25	19 19	1 40	14 29	16 1	11 1	11 26	27 25	5 28	2 32
S 23	0 4	1n52	1 46	12 20	3 38	9 41	0 19	23 11	0 38	8 48	1 30	22 34	0 1	13 20	0 25	19 19	1 40	14 28	16 1	11 0	11 25	27 26	5 27	2 32
M24	0s20	8 21	0 32	12 27	3 41	10 11	0 17	23 8	0 39	8 50	1 30	22 34	0 1	13 21	0 25	19 19	1 40	14 27	16 1	11 0	11 24	27 27	5 26	2 32
T 25	0 43	14 31	0n45	12 31	3 42	10 39	0 14	23 5	0 40	8 53	1 30	22 34	0 1	13 23	0 25	19 19	1 40	14 26	16 1	11 0	11 23	27 27	5 25	2 31
W26	1 7	19 58	2 0	12 31	3 43	11 8	0 11	23 2	0 42	8 55	1 30	22 34	0 1	13 24	0 25	19 19	1 41	14 25	16 1	11 0	11 21	27 28	5 24	2 31
T 27	1 30	24 17	3 8	12 27	3 42	11 37	0 9	22 59	0 43	8 58	1 30	22 34	0 0	13 25	0 25	19 19	1 41	14 24	16 1	11 1	11 20	27 29	5 22	2 31
F 28	1 54	27 7	4 4	12 20	3 40	12 5	0 6	22 55	0 44	9 0	1 30	22 34	0 0	13 26	0 25	19 19	1 41	14 23	16 1	11 1	11 19	27 30	5 21	2 31
S 29	2 17	28 11	4 45	12 8	3 36	12 33	0 3	22 52	0 45	9 3	1 30	22 34	0 0	13 27	0 25	19 18	1 41	14 23	16 1	11 2	11 18	27 31	5 20	2 31
S 30	2s40	27n23	5n 9	11s52	3s31	13s 0	0n 0	22n49	0n47	9s 5	1s30	22s34	0n 0	13s28	0n25	19n18	1s41	14n22	16n 1	11n 2	11n17	27s32	5n19	2n31

Julian Day Number = 2351346.5, Delta T = 10.69 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'38, Lahiri = 20°01'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

OCTOBER 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 34	7♎42'44	1♌53	21°R27	5♏38	20♋10	10°R15	15♑37	7♏ 1	3°R50	0♎48	28°R40	29♈21	24♐ 2	7°R31	M 1
T 2	0 42 31	8°41'54	15°48	20♎41	6°51	20°42	10♓ 9	15°38	7° 4	3♊49	0°50	28♈38	29°18	24° 9	7♈28	T 2
W 3	0 46 27	9°41'07	29°33	19°48	8° 5	21°14	10° 3	15°39	7° 8	3°48	0°52	28°35	29°15	24°16	7°25	W 3
T 4	0 50 24	10°40'22	13♍ 5	18°49	9°18	21°46	9°57	15°41	7°11	3°47	0°54	28°32	29°12	24°23	7°22	T 4
F 5	0 54 21	11°39'39	26°24	17°45	10°32	22°18	9°51	15°42	7°15	3°46	0°57	28°30	29° 9	24°29	7°19	F 5
S 6	0 58 17	12°38'58	9♎29	16°36	11°45	22°50	9°46	15°43	7°18	3°45	0°59	28°28	29° 6	24°36	7°16	S 6
S 7	1 2 14	13°38'19	22°17	15°25	12°59	23°21	9°40	15°45	7°22	3°44	1° 1	28°D28	29° 2	24°43	7°14	S 7
M 8	1 6 10	14°37'42	4♏51	14°13	14°12	23°53	9°35	15°47	7°25	3°44	1° 3	28°28	28°59	24°49	7°11	M 8
T 9	1 10 7	15°37'08	17°10	13° 3	15°25	24°24	9°30	15°49	7°29	3°43	1° 6	28°28	28°56	24°56	7° 8	T 9
W10	1 14 3	16°36'35	29°17	11°56	16°39	24°55	9°25	15°51	7°32	3°41	1° 8	28°29	28°53	25° 3	7° 5	W10
T 11	1 18 0	17°36'04	11♐15	10°54	17°52	25°25	9°21	15°53	7°36	3°40	1°10	28°31	28°50	25° 9	7° 3	T 11
F 12	1 21 56	18°35'35	23° 8	9°59	19° 6	25°56	9°16	15°55	7°39	3°39	1°12	28°32	28°46	25°16	7° 0	F 12
S 13	1 25 53	19°35'08	4♑59	9°14	20°19	26°26	9°12	15°57	7°43	3°38	1°15	28°32	28°43	25°23	6°57	S 13
S 14	1 29 50	20°34'43	16°52	8°38	21°32	26°56	9° 8	15°59	7°47	3°37	1°17	28°R33	28°40	25°30	6°54	S 14
M15	1 33 46	21°34'19	28°54	8°12	22°46	27°25	9° 4	16° 2	7°50	3°36	1°19	28°33	28°37	25°36	6°52	M15
T 16	1 37 43	22°33'57	11♒ 8	7°58	23°59	27°55	9° 0	16° 4	7°54	3°35	1°21	28°32	28°34	25°43	6°49	T 16
W17	1 41 39	23°33'37	23°38	7°D55	25°12	28°24	8°56	16° 7	7°57	3°34	1°23	28°32	28°31	25°50	6°46	W17
T 18	1 45 36	24°33'18	6♓29	8° 3	26°26	28°53	8°53	16°10	8° 1	3°32	1°26	28°31	28°27	25°56	6°44	T 18
F 19	1 49 32	25°33'02	19°42	8°22	27°39	29°22	8°50	16°12	8° 5	3°31	1°28	28°31	28°24	26° 3	6°41	F 19
S 20	1 53 29	26°32'47	3♈18	8°51	28°52	29°50	8°47	16°15	8° 9	3°30	1°30	28°30	28°21	26°10	6°38	S 20
S 21	1 57 25	27°32'34	17°17	9°29	0♐ 5	0♌19	8°44	16°18	8°12	3°29	1°32	28°30	28°18	26°16	6°36	S 21
M22	2 1 22	28°32'23	1♉34	10°15	1°18	0°47	8°41	16°21	8°16	3°27	1°34	28°30	28°15	26°23	6°33	M22
T 23	2 5 19	29°32'13	16° 6	11° 9	2°32	1°14	8°39	16°24	8°20	3°26	1°36	28°30	28°12	26°30	6°31	T 23
W24	2 9 15	0♏32'06	0♊46	12°10	3°45	1°42	8°36	16°27	8°23	3°25	1°38	28°30	28° 8	26°37	6°28	W24
T 25	2 13 12	1°32'02	15°27	13°17	4°58	2° 9	8°34	16°31	8°27	3°23	1°40	28°30	28° 5	26°43	6°26	T 25
F 26	2 17 8	2°31'59	0♋ 4	14°29	6°11	2°36	8°32	16°34	8°31	3°22	1°42	28°30	28° 2	26°50	6°23	F 26
S 27	2 21 5	3°31'59	14°31	15°46	7°24	3° 3	8°31	16°38	8°35	3°20	1°44	28°29	27°59	26°57	6°21	S 27
S 28	2 25 1	4°32'00	28°44	17° 6	8°37	3°29	8°29	16°41	8°38	3°19	1°46	28°D29	27°56	27° 3	6°18	S 28
M29	2 28 58	5°32'04	12♌41	18°30	9°50	3°55	8°28	16°45	8°42	3°18	1°48	28°29	27°52	27°10	6°16	M29
T 30	2 32 54	6°32'10	26°22	19°56	11° 3	4°21	8°27	16°49	8°46	3°16	1°50	28°29	27°49	27°17	6°14	T 30
W31	2 36 51	7♏32'18	9♍46	21♎25	12♐16	4♌46	8♓26	16♑52	8♏50	3♊15	1♎52	28♈30	27♈46	27♐23	6♈11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 4	24n52	5n14	11s31	3s24	13s28	0s 3	22n45	0n48	9s 7	1s30	22s34	0n 0	13s29	0n25	19n18	1s41	14n21	16n 1	11n 1	11n16	27s32	5n18	2n31
T 2	3 27	20 54	5 1	11 6	3 15	13 55	0 6	22 42	0 49	9 9	1 30	22 34	0 0	13 30	0 25	19 18	1 41	14 20	16 1	11 0	11 15	27 33	5 17	2 31
W 3	3 51	15 52	4 30	10 36	3 4	14 21	0 9	22 38	0 51	9 12	1 29	22 34	0s 0	13 31	0 25	19 18	1 41	14 19	16 1	10 59	11 14	27 34	5 15	2 31
T 4	4 14	10 7	3 45	10 2	2 52	14 48	0 11	22 34	0 52	9 14	1 29	22 33	0 0	13 33	0 25	19 17	1 41	14 19	16 2	10 58	11 12	27 35	5 14	2 31
F 5	4 37	4 0	2 48	9 24	2 37	15 14	0 14	22 30	0 53	9 16	1 29	22 33	0 0	13 34	0 25	19 17	1 41	14 18	16 2	10 58	11 11	27 36	5 13	2 31
S 6	5 0	2s11	1 43	8 43	2 21	15 39	0 17	22 26	0 55	9 18	1 29	22 33	0 0	13 35	0 25	19 17	1 41	14 17	16 2	10 57	11 10	27 36	5 12	2 31
S 7	5 23	8 10	0 34	7 59	2 4	16 5	0 20	22 22	0 56	9 20	1 29	22 33	0 0	13 36	0 25	19 17	1 41	14 16	16 2	10 57	11 9	27 37	5 11	2 31
M 8	5 46	13 43	0s35	7 13	1 45	16 30	0 23	22 18	0 57	9 21	1 29	22 33	0 0	13 37	0 25	19 17	1 41	14 16	16 2	10 57	11 8	27 38	5 9	2 30
T 9	6 9	18 37	1 42	6 28	1 25	16 54	0 26	22 14	0 59	9 23	1 29	22 33	0 1	13 38	0 25	19 16	1 41	14 15	16 2	10 57	11 7	27 39	5 8	2 30
W10	6 32	22 40	2 43	5 43	1 4	17 18	0 29	22 10	1 0	9 25	1 29	22 33	0 1	13 40	0 25	19 16	1 41	14 14	16 2	10 57	11 6	27 40	5 7	2 30
T 11	6 55	25 43	3 35	4 59	0 44	17 42	0 32	22 6	1 1	9 27	1 28	22 33	0 1	13 41	0 25	19 16	1 41	14 13	16 3	10 58	11 4	27 40	5 6	2 30
F 12	7 18	27 36	4 19	4 19	0 23	18 5	0 35	22 1	1 3	9 28	1 28	22 32	0 1	13 42	0 25	19 16	1 41	14 13	16 3	10 58	11 3	27 41	5 5	2 30
S 13	7 40	28 13	4 51	3 43	0 4	18 28	0 38	21 57	1 4	9 30	1 28	22 32	0 1	13 43	0 25	19 15	1 41	14 12	16 3	10 58	11 2	27 42	5 3	2 30
S 14	8 3	27 33	5 10	3 11	0n15	18 50	0 41	21 53	1 6	9 31	1 28	22 32	0 1	13 44	0 25	19 15	1 41	14 11	16 3	10 58	11 1	27 42	5 2	2 30
M15	8 25	25 35	5 17	2 45	0 33	19 12	0 44	21 48	1 7	9 32	1 28	22 32	0 1	13 45	0 25	19 15	1 41	14 11	16 3	10 58	11 0	27 43	5 1	2 30
T 16	8 48	22 25	5 9	2 24	0 50	19 33	0 47	21 44	1 9	9 34	1 28	22 32	0 1	13 47	0 25	19 15	1 41	14 10	16 4	10 58	10 59	27 44	5 0	2 30
W17	9 10	18 11	4 47	2 10	1 4	19 54	0 49	21 39	1 10	9 35	1 27	22 31	0 1	13 48	0 25	19 14	1 41	14 9	16 4	10 58	10 58	27 45	4 59	2 29
T 18	9 32	13 1	4 10	2 1	1 18	20 14	0 52	21 35	1 12	9 36	1 27	22 31	0 1	13 49	0 25	19 14	1 41	14 9	16 4	10 58	10 57	27 45	4 58	2 29
F 19	9 54	7 8	3 19	1 57	1 29	20 34	0 55	21 30	1 13	9 37	1 27	22 31	0 1	13 50	0 25	19 14	1 41	14 8	16 4	10 58	10 55	27 46	4 56	2 29
S 20	10 15	0 45	2 15	2 0	1 39	20 53	0 58	21 26	1 15	9 38	1 27	22 31	0 1	13 51	0 25	19 14	1 41	14 7	16 5	10 58	10 54	27 47	4 55	2 29
S 21	10 37	5n51	1 2	2 7	1 48	21 12	1 1	21 21	1 16	9 39	1 27	22 30	0 1	13 53	0 25	19 13	1 41	14 7	16 5	10 58	10 53	27 47	4 54	2 29
M22	10 58	12 18	0n17	2 19	1 54	21 30	1 4	21 17	1 18	9 40	1 26	22 30	0 2	13 54	0 24	19 13	1 42	14 6	16 5	10 58	10 52	27 48	4 53	2 29
T 23	11 20	18 13	1 36	2 35	2 0	21 47	1 7	21 12	1 19	9 40	1 26	22 30	0 2	13 55	0 24	19 13	1 42	14 6	16 5	10 58	10 51	27 49	4 52	2 29
W24	11 41	23 6	2 50	2 55	2 4	22 4	1 9	21 8	1 21	9 41	1 26	22 29	0 2	13 56	0 24	19 12	1 42	14 5	16 6	10 58	10 50	27 49	4 51	2 29
T 25	12 2	26 32	3 52	3 19	2 7	22 20	1 12	21 3	1 22	9 42	1 26	22 29	0 2	13 57	0 24	19 12	1 42	14 4	16 6	10 57	10 49	27 50	4 50	2 28
F 26	12 22	28 8	4 39	3 45	2 8	22 36	1 15	20 58	1 24	9 42	1 26	22 29	0 2	13 59	0 24	19 12	1 42	14 4	16 6	10 57	10 47	27 51	4 49	2 28
S 27	12 43	27 47	5 8	4 14	2 9	22 51	1 17	20 54	1 26	9 43	1 25	22 28	0 2	14 0	0 24	19 12	1 42	14 3	16 7	10 57	10 46	27 51	4 47	2 28
S 28	13 3	25 37	5 17	4 45	2 8	23 6	1 20	20 49	1 27	9 43	1 25	22 28	0 2	14 1	0 24	19 11	1 42	14 3	16 7	10 57	10 45	27 52	4 46	2 28
M29	13 23	21 56	5 7	5 18	2 7	23 19	1 23	20 45	1 29	9 43	1 25	22 28	0 2	14 2	0 24	19 11	1 42	14 2	16 7	10 57	10 44	27 52	4 45	2 28
T 30	13 43	17 8	4 40	5 53	2 5	23 33	1 25	20 40	1 31	9 43	1 25	22 27	0 2	14 4	0 24	19 11	1 42	14 2	16 7	10 57	10 43	27 53	4 44	2 28
W31	14s 3	11n36	3n59	6s28	2n 2	23s45	1s28	20n36	1n32	9s44	1s25	22s27	0s 2	14s 5	0n24	19n10	1s42	14n 1	16n 8	10n57	10n42	27s54	4n43	2n28

Julian Day Number = 2351376.5, Delta T = 10.70 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'42, Lahiri = 20°01'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1725
geocentric

NOVEMBER 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 48	8♏32'28	22♍56	22♎55	13♐29	5♌11	8°R26	16♑56	8♏53	3°R13	1♎54	28♈31	27♈43	27♐30	6°R 9	T 1
F 2	2 44 44	9°32'40	5♎50	24°27	14°42	5°36	8♓25	17° 0	8°57	3♊12	1°56	28°32	27°40	27°37	6♈ 7	F 2
S 3	2 48 41	10°32'55	18°32	26° 0	15°55	6° 1	8°25	17° 4	9° 1	3°10	1°58	28°33	27°37	27°44	6° 5	S 3
S 4	2 52 37	11°33'11	1♏ 2	27°34	17° 8	6°25	8°D25	17° 8	9° 5	3° 9	2° 0	28°R33	27°33	27°50	6° 2	S 4
M 5	2 56 34	12°33'28	13°21	29° 9	18°21	6°48	8°25	17°13	9° 8	3° 7	2° 2	28°32	27°30	27°57	6° 0	M 5
T 6	3 0 30	13°33'48	25°30	0♏44	19°34	7°12	8°25	17°17	9°12	3° 5	2° 4	28°31	27°27	28° 4	5°58	T 6
W 7	3 4 27	14°34'09	7♐32	2°20	20°46	7°35	8°26	17°21	9°16	3° 4	2° 6	28°29	27°24	28°10	5°56	W 7
T 8	3 8 23	15°34'32	19°27	3°56	21°59	7°58	8°27	17°26	9°20	3° 2	2° 7	28°26	27°21	28°17	5°54	T 8
F 9	3 12 20	16°34'57	1♑18	5°32	23°12	8°20	8°28	17°30	9°23	3° 1	2° 9	28°23	27°18	28°24	5°52	F 9
S 10	3 16 17	17°35'23	13° 8	7° 9	24°25	8°42	8°29	17°35	9°27	2°59	2°11	28°20	27°14	28°31	5°50	S 10
S 11	3 20 13	18°35'50	25° 1	8°45	25°37	9° 3	8°31	17°40	9°31	2°57	2°13	28°18	27°11	28°37	5°48	S 11
M12	3 24 10	19°36'19	7♒ 0	10°22	26°50	9°24	8°32	17°44	9°34	2°56	2°14	28°16	27° 8	28°44	5°47	M12
T 13	3 28 6	20°36'49	19°10	11°58	28° 2	9°45	8°34	17°49	9°38	2°54	2°16	28°D15	27° 5	28°51	5°45	T 13
W14	3 32 3	21°37'21	1♓35	13°34	29°15	10° 5	8°36	17°54	9°42	2°52	2°18	28°16	27° 2	28°57	5°43	W14
T 15	3 35 59	22°37'53	14°20	15°10	0♑28	10°25	8°38	17°59	9°46	2°51	2°19	28°17	26°58	29° 4	5°41	T 15
F 16	3 39 56	23°38'27	27°29	16°46	1°40	10°44	8°41	18° 4	9°49	2°49	2°21	28°19	26°55	29°11	5°40	F 16
S 17	3 43 52	24°39'02	11♈ 5	18°22	2°52	11° 3	8°43	18° 9	9°53	2°47	2°23	28°20	26°52	29°17	5°38	S 17
S 18	3 47 49	25°39'38	25° 7	19°57	4° 5	11°22	8°46	18°14	9°57	2°46	2°24	28°R21	26°49	29°24	5°36	S 18
M19	3 51 46	26°40'16	9♉36	21°33	5°17	11°40	8°49	18°19	10° 0	2°44	2°26	28°21	26°46	29°31	5°35	M19
T 20	3 55 42	27°40'55	24°25	23° 8	6°29	11°58	8°52	18°25	10° 4	2°42	2°27	28°19	26°43	29°38	5°33	T 20
W21	3 59 39	28°41'35	9♊28	24°43	7°42	12°15	8°56	18°30	10° 7	2°41	2°29	28°15	26°39	29°44	5°32	W21
T 22	4 3 35	29°42'17	24°36	26°18	8°54	12°31	8°59	18°36	10°11	2°39	2°30	28°11	26°36	29°51	5°31	T 22
F 23	4 7 32	0♐43'01	9♋39	27°53	10° 6	12°47	9° 3	18°41	10°15	2°37	2°32	28° 6	26°33	29°58	5°29	F 23
S 24	4 11 28	1°43'45	24°28	29°28	11°18	13° 3	9° 7	18°47	10°18	2°36	2°33	28° 2	26°30	0♑ 4	5°28	S 24
S 25	4 15 25	2°44'32	8♌56	1♐ 2	12°30	13°18	9°11	18°52	10°22	2°34	2°34	27°58	26°27	0°11	5°27	S 25
M26	4 19 21	3°45'20	23° 1	2°37	13°42	13°33	9°16	18°58	10°25	2°32	2°36	27°56	26°24	0°18	5°26	M26
T 27	4 23 18	4°46'09	6♍41	4°11	14°54	13°47	9°20	19° 3	10°29	2°31	2°37	27°D55	26°20	0°25	5°25	T 27
W28	4 27 15	5°47'00	19°57	5°45	16° 6	14° 0	9°25	19° 9	10°32	2°29	2°38	27°56	26°17	0°31	5°23	W28
T 29	4 31 11	6°47'52	2♎53	7°20	17°17	14°13	9°30	19°15	10°36	2°27	2°40	27°58	26°14	0°38	5°22	T 29
F 30	4 35 8	7♐48'45	15♎32	8♐54	18♑29	14♌25	9♓35	19♑21	10♏39	2♊25	2♎41	27♈59	26♈11	0♑45	5♈21	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s22	5n38	3n 5	7s 5	1n59	23s57	1s30	20n31	1n34	9s44	1s24	22s26	0s 2	14s 6	0n24	19n10	1s42	14n 1	16n 8	10n58	10n41	27s54	4n42	2n27
F 2	14 42	0s27	2 2	7 42	1 55	24 8	1 33	20 27	1 36	9 44	1 24	22 26	0 2	14 7	0 24	19 10	1 42	14 1	16 8	10 58	10 40	27 55	4 41	2 27
S 3	15 1	6 26	0 55	8 20	1 51	24 19	1 35	20 22	1 37	9 43	1 24	22 26	0 2	14 8	0 24	19 10	1 42	14 0	16 9	10 58	10 38	27 55	4 40	2 27
S 4	15 19	12 4	0s14	8 58	1 46	24 28	1 38	20 18	1 39	9 43	1 24	22 25	0 3	14 10	0 24	19 9	1 42	14 0	16 9	10 58	10 37	27 56	4 39	2 27
M 5	15 38	17 9	1 21	9 37	1 41	24 37	1 40	20 14	1 41	9 43	1 23	22 25	0 3	14 11	0 24	19 9	1 42	13 59	16 10	10 58	10 36	27 56	4 38	2 27
T 6	15 56	21 29	2 24	10 15	1 36	24 46	1 42	20 9	1 43	9 43	1 23	22 24	0 3	14 12	0 24	19 9	1 42	13 59	16 10	10 58	10 35	27 57	4 37	2 27
W 7	16 14	24 52	3 19	10 53	1 30	24 53	1 44	20 5	1 45	9 42	1 23	22 24	0 3	14 13	0 24	19 8	1 42	13 59	16 10	10 57	10 34	27 57	4 36	2 26
T 8	16 32	27 8	4 5	11 32	1 24	25 0	1 46	20 1	1 46	9 42	1 23	22 23	0 3	14 14	0 24	19 8	1 42	13 58	16 11	10 56	10 33	27 58	4 35	2 26
F 9	16 49	28 9	4 41	12 10	1 18	25 6	1 48	19 57	1 48	9 41	1 23	22 23	0 3	14 16	0 24	19 8	1 42	13 58	16 11	10 55	10 32	27 58	4 34	2 26
S 10	17 6	27 52	5 4	12 47	1 12	25 12	1 51	19 53	1 50	9 40	1 22	22 22	0 3	14 17	0 24	19 7	1 42	13 57	16 12	10 54	10 30	27 59	4 33	2 26
S 11	17 23	26 19	5 14	13 24	1 5	25 17	1 52	19 49	1 52	9 40	1 22	22 22	0 3	14 18	0 24	19 7	1 42	13 57	16 12	10 53	10 29	27 59	4 32	2 26
M12	17 40	23 34	5 11	14 1	0 59	25 21	1 54	19 45	1 54	9 39	1 22	22 21	0 3	14 19	0 24	19 7	1 42	13 57	16 12	10 53	10 28	28 0	4 31	2 26
T 13	17 56	19 45	4 54	14 37	0 52	25 24	1 56	19 42	1 56	9 38	1 22	22 20	0 3	14 20	0 24	19 6	1 42	13 57	16 13	10 52	10 27	28 0	4 31	2 25
W14	18 12	15 1	4 23	15 13	0 45	25 26	1 58	19 38	1 58	9 37	1 21	22 20	0 3	14 21	0 24	19 6	1 42	13 56	16 13	10 52	10 26	28 1	4 30	2 25
T 15	18 28	9 32	3 39	15 48	0 39	25 28	2 0	19 35	2 0	9 36	1 21	22 19	0 3	14 23	0 24	19 6	1 42	13 56	16 14	10 53	10 25	28 1	4 29	2 25
F 16	18 43	3 28	2 41	16 22	0 32	25 29	2 1	19 31	2 2	9 35	1 21	22 19	0 3	14 24	0 24	19 5	1 42	13 56	16 14	10 53	10 23	28 2	4 28	2 25
S 17	18 58	2n57	1 33	16 55	0 25	25 29	2 3	19 28	2 4	9 34	1 21	22 18	0 3	14 25	0 24	19 5	1 42	13 56	16 15	10 54	10 22	28 2	4 27	2 25
S 18	19 12	9 28	0 18	17 28	0 18	25 29	2 4	19 25	2 6	9 32	1 20	22 17	0 4	14 26	0 24	19 5	1 42	13 55	16 15	10 54	10 21	28 3	4 26	2 25
M19	19 27	15 41	1n 1	18 0	0 11	25 28	2 6	19 22	2 8	9 31	1 20	22 17	0 4	14 27	0 24	19 4	1 42	13 55	16 15	10 54	10 20	28 3	4 26	2 24
T 20	19 40	21 8	2 18	18 31	0 4	25 26	2 7	19 19	2 10	9 29	1 20	22 16	0 4	14 28	0 24	19 4	1 42	13 55	16 16	10 53	10 19	28 4	4 25	2 24
W21	19 54	25 18	3 26	19 1	0s 2	25 23	2 8	19 16	2 12	9 28	1 20	22 15	0 4	14 29	0 24	19 4	1 42	13 55	16 16	10 52	10 18	28 4	4 24	2 24
T 22	20 7	27 42	4 20	19 30	0 9	25 20	2 9	19 13	2 14	9 26	1 20	22 15	0 4	14 31	0 24	19 3	1 42	13 55	16 17	10 51	10 17	28 4	4 23	2 24
F 23	20 20	28 3	4 56	19 58	0 16	25 16	2 10	19 10	2 16	9 25	1 19	22 14	0 4	14 32	0 24	19 3	1 42	13 55	16 17	10 49	10 15	28 5	4 23	2 24
S 24	20 32	26 22	5 11	20 26	0 22	25 11	2 11	19 8	2 18	9 23	1 19	22 13	0 4	14 33	0 24	19 3	1 42	13 55	16 18	10 47	10 14	28 5	4 22	2 23
S 25	20 44	22 58	5 6	20 52	0 29	25 5	2 12	19 6	2 21	9 21	1 19	22 13	0 4	14 34	0 24	19 2	1 42	13 54	16 18	10 46	10 13	28 6	4 21	2 23
M26	20 56	18 19	4 43	21 17	0 35	24 59	2 13	19 4	2 23	9 19	1 19	22 12	0 4	14 35	0 24	19 2	1 42	13 54	16 19	10 45	10 12	28 6	4 21	2 23
T 27	21 7	12 50	4 3	21 42	0 41	24 51	2 14	19 2	2 25	9 18	1 18	22 11	0 4	14 36	0 24	19 2	1 42	13 54	16 19	10 45	10 11	28 6	4 20	2 23
W28	21 18	6 56	3 12	22 5	0 48	24 44	2 14	19 0	2 27	9 16	1 18	22 11	0 4	14 37	0 24	19 1	1 42	13 54	16 20	10 45	10 10	28 7	4 20	2 23
T 29	21 29	0 52	2 12	22 27	0 54	24 35	2 15	18 58	2 29	9 13	1 18	22 10	0 4	14 38	0 24	19 1	1 42	13 54	16 20	10 46	10 9	28 7	4 19	2 22
F 30	21s39	5s 5	1n 7	22s48	1s 0	24s26	2s15	18n57	2n32	9s11	1s18	22s 9	0s 4	14s39	0n24	19n 1	1s42	13n54	16n21	10n47	10n 7	28s 7	4n18	2n22

Julian Day Number = 2351407.5, Delta T = 10.71 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'46, Lahiri = 20°01'47Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1725
geocentric

DECEMBER 1725 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 4	8♐49'40	27♎56	10♐28	19♑41	14♌37	9♓40	19♑27	10♏43	2°R24	2♎42	28°R 0	26♈ 8	0♑51	5°R21	S 1
S 2	4 43 1	9°50'36	10♏10	12° 2	20°52	14°48	9°46	19°33	10°46	2♊22	2°43	27♈59	26° 4	0°58	5♈20	S 2
M 3	4 46 57	10°51'34	22°16	13°36	22° 4	14°58	9°52	19°39	10°49	2°20	2°44	27°56	26° 1	1° 5	5°19	M 3
T 4	4 50 54	11°52'32	4♐15	15°11	23°15	15° 8	9°57	19°45	10°53	2°19	2°45	27°51	25°58	1°12	5°18	T 4
W 5	4 54 50	12°53'32	16°10	16°45	24°27	15°17	10° 3	19°51	10°56	2°17	2°46	27°44	25°55	1°18	5°18	W 5
T 6	4 58 47	13°54'32	28° 2	18°19	25°38	15°26	10°10	19°57	10°59	2°15	2°48	27°35	25°52	1°25	5°17	T 6
F 7	5 2 44	14°55'33	9♑53	19°53	26°49	15°34	10°16	20° 3	11° 3	2°14	2°49	27°25	25°49	1°32	5°16	F 7
S 8	5 6 40	15°56'35	21°45	21°28	28° 0	15°41	10°22	20°10	11° 6	2°12	2°50	27°15	25°45	1°38	5°16	S 8
S 9	5 10 37	16°57'38	3♒39	23° 2	29°11	15°47	10°29	20°16	11° 9	2°10	2°50	27° 7	25°42	1°45	5°15	S 9
M10	5 14 33	17°58'41	15°38	24°37	0♒22	15°53	10°36	20°22	11°12	2° 9	2°51	26°59	25°39	1°52	5°15	M10
T 11	5 18 30	18°59'45	27°47	26°11	1°33	15°58	10°43	20°29	11°16	2° 7	2°52	26°55	25°36	1°59	5°15	T 11
W12	5 22 26	20° 0'49	10♓ 8	27°46	2°44	16° 2	10°50	20°35	11°19	2° 6	2°53	26°52	25°33	2° 5	5°14	W12
T 13	5 26 23	21° 1'53	22°46	29°21	3°54	16° 6	10°57	20°42	11°22	2° 4	2°54	26°D52	25°29	2°12	5°14	T 13
F 14	5 30 20	22° 2'58	5♈45	0♑56	5° 5	16° 9	11° 5	20°48	11°25	2° 2	2°55	26°52	25°26	2°19	5°14	F 14
S 15	5 34 16	23° 4'03	19°11	2°31	6°15	16°11	11°13	20°55	11°28	2° 1	2°55	26°53	25°23	2°25	5°14	S 15
S 16	5 38 13	24° 5'09	3♉ 4	4° 6	7°26	16°12	11°20	21° 1	11°31	1°59	2°56	26°R53	25°20	2°32	5°D14	S 16
M17	5 42 9	25° 6'14	17°27	5°41	8°36	16°R13	11°28	21° 8	11°34	1°58	2°57	26°51	25°17	2°39	5°14	M17
T 18	5 46 6	26° 7'21	2♊16	7°15	9°46	16°13	11°37	21°14	11°37	1°56	2°58	26°47	25°14	2°45	5°14	T 18
W19	5 50 2	27° 8'27	17°26	8°50	10°56	16°12	11°45	21°21	11°40	1°55	2°58	26°40	25°10	2°52	5°14	W19
T 20	5 53 59	28° 9'34	2♋46	10°25	12° 6	16°10	11°53	21°28	11°43	1°53	2°59	26°31	25° 7	2°59	5°14	T 20
F 21	5 57 55	29°10'41	18° 7	12° 0	13°15	16° 8	12° 2	21°35	11°46	1°52	2°59	26°22	25° 4	3° 6	5°14	F 21
S 22	6 1 52	0♑11'49	3♌15	13°34	14°25	16° 4	12°10	21°41	11°48	1°50	3° 0	26°12	25° 1	3°12	5°15	S 22
S 23	6 5 49	1°12'57	18° 2	15° 8	15°34	16° 0	12°19	21°48	11°51	1°49	3° 0	26° 4	24°58	3°19	5°15	S 23
M24	6 9 45	2°14'06	2♍21	16°42	16°43	15°55	12°28	21°55	11°54	1°47	3° 1	25°58	24°55	3°26	5°15	M24
T 25	6 13 42	3°15'15	16°10	18°15	17°53	15°49	12°37	22° 2	11°57	1°46	3° 1	25°54	24°51	3°33	5°16	T 25
W26	6 17 38	4°16'24	29°31	19°48	19° 1	15°43	12°47	22° 9	11°59	1°45	3° 1	25°D53	24°48	3°39	5°16	W26
T 27	6 21 35	5°17'34	12♎26	21°19	20°10	15°35	12°56	22°16	12° 2	1°43	3° 2	25°53	24°45	3°46	5°17	T 27
F 28	6 25 31	6°18'44	24°59	22°50	21°19	15°27	13° 5	22°23	12° 4	1°42	3° 2	25°R53	24°42	3°53	5°18	F 28
S 29	6 29 28	7°19'55	7♏16	24°19	22°27	15°18	13°15	22°29	12° 7	1°41	3° 2	25°53	24°39	3°59	5°18	S 29
S 30	6 33 24	8°21'06	19°21	25°46	23°36	15° 8	13°25	22°36	12°10	1°39	3° 3	25°50	24°36	4° 6	5°19	S 30
M31	6 37 21	9♑22'17	1♐18	27♑11	24♒44	14♌57	13♓35	22♑43	12♏12	1♊38	3♎ 3	25♈45	24♈32	4♑13	5♈20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s48	10s45	0n 0	23s 8	1s 5	24s16	2s16	18n56	2n34	9s 9	1s18	22s 8	0s 4	14s41	0n24	19n 0	1s42	13n54	16n21	10n47	10n 6	28s 8	4n18	2n22
S 2	21 58	15 56	1s 6	23 27	1 11	24 5	2 16	18 55	2 36	9 7	1 17	22 7	0 4	14 42	0 24	19 0	1 42	13 54	16 22	10 46	10 5	28 8	4 17	2 22
M 3	22 7	20 25	2 8	23 44	1 17	23 54	2 16	18 54	2 39	9 4	1 17	22 7	0 5	14 43	0 24	19 0	1 42	13 54	16 22	10 45	10 4	28 8	4 17	2 22
T 4	22 15	24 2	3 3	24 0	1 22	23 42	2 16	18 53	2 41	9 2	1 17	22 6	0 5	14 44	0 24	19 0	1 42	13 54	16 23	10 44	10 3	28 9	4 16	2 21
W 5	22 23	26 34	3 50	24 15	1 27	23 30	2 16	18 53	2 43	9 0	1 17	22 5	0 5	14 45	0 24	18 59	1 42	13 54	16 23	10 41	10 2	28 9	4 16	2 21
T 6	22 30	27 55	4 27	24 29	1 32	23 16	2 16	18 52	2 46	8 57	1 17	22 4	0 5	14 46	0 24	18 59	1 42	13 54	16 24	10 38	10 0	28 9	4 16	2 21
F 7	22 37	27 58	4 52	24 42	1 37	23 2	2 15	18 52	2 48	8 54	1 16	22 3	0 5	14 47	0 24	18 59	1 42	13 55	16 25	10 34	9 59	28 10	4 15	2 21
S 8	22 44	26 44	5 5	24 53	1 41	22 48	2 15	18 53	2 51	8 52	1 16	22 2	0 5	14 48	0 24	18 58	1 42	13 55	16 25	10 31	9 58	28 10	4 15	2 21
S 9	22 50	24 18	5 4	25 3	1 45	22 33	2 15	18 53	2 53	8 49	1 16	22 2	0 5	14 49	0 24	18 58	1 42	13 55	16 26	10 28	9 57	28 10	4 14	2 20
M10	22 56	20 47	4 50	25 11	1 49	22 17	2 14	18 54	2 56	8 46	1 16	22 1	0 5	14 50	0 24	18 58	1 42	13 55	16 26	10 25	9 56	28 10	4 14	2 20
T 11	23 1	16 23	4 23	25 18	1 53	22 1	2 13	18 54	2 58	8 43	1 15	22 0	0 5	14 51	0 24	18 57	1 42	13 55	16 27	10 23	9 55	28 11	4 14	2 20
W12	23 6	11 14	3 44	25 24	1 56	21 44	2 12	18 55	3 1	8 41	1 15	21 59	0 5	14 52	0 24	18 57	1 42	13 55	16 27	10 22	9 54	28 11	4 13	2 20
T 13	23 10	5 31	2 52	25 28	2 0	21 26	2 11	18 57	3 3	8 38	1 15	21 58	0 5	14 53	0 24	18 57	1 42	13 55	16 28	10 22	9 52	28 11	4 13	2 20
F 14	23 14	0n36	1 51	25 31	2 2	21 8	2 10	18 58	3 6	8 34	1 15	21 57	0 5	14 54	0 24	18 57	1 42	13 56	16 28	10 22	9 51	28 11	4 13	2 19
S 15	23 18	6 53	0 41	25 32	2 5	20 49	2 9	19 0	3 8	8 31	1 15	21 56	0 5	14 55	0 24	18 56	1 42	13 56	16 29	10 23	9 50	28 12	4 13	2 19
S 16	23 21	13 4	0n33	25 32	2 7	20 30	2 8	19 2	3 11	8 28	1 14	21 55	0 5	14 55	0 24	18 56	1 42	13 56	16 30	10 23	9 49	28 12	4 12	2 19
M17	23 23	18 47	1 48	25 30	2 9	20 11	2 7	19 4	3 13	8 25	1 14	21 54	0 6	14 56	0 24	18 56	1 42	13 56	16 30	10 22	9 48	28 12	4 12	2 19
T 18	23 25	23 32	2 57	25 27	2 10	19 50	2 5	19 7	3 16	8 22	1 14	21 53	0 6	14 57	0 24	18 55	1 42	13 57	16 31	10 21	9 47	28 12	4 12	2 19
W19	23 27	26 47	3 56	25 22	2 11	19 30	2 3	19 10	3 18	8 18	1 14	21 52	0 6	14 58	0 24	18 55	1 41	13 57	16 31	10 18	9 45	28 12	4 12	2 18
T 20	23 28	28 5	4 38	25 16	2 12	19 8	2 2	19 13	3 21	8 15	1 14	21 51	0 6	14 59	0 24	18 55	1 41	13 57	16 32	10 15	9 44	28 13	4 12	2 18
F 21	23 28	27 12	5 0	25 8	2 12	18 47	2 0	19 16	3 24	8 12	1 14	21 50	0 6	15 0	0 24	18 55	1 41	13 57	16 32	10 11	9 43	28 13	4 12	2 18
S 22	23 29	24 20	5 1	24 58	2 12	18 25	1 58	19 19	3 26	8 8	1 13	21 49	0 6	15 1	0 24	18 54	1 41	13 58	16 33	10 8	9 42	28 13	4 12	2 18
S 23	23 28	19 55	4 41	24 47	2 11	18 2	1 56	19 23	3 29	8 5	1 13	21 48	0 6	15 2	0 24	18 54	1 41	13 58	16 34	10 5	9 41	28 13	4 12	2 18
M24	23 27	14 27	4 5	24 34	2 10	17 39	1 53	19 27	3 31	8 1	1 13	21 47	0 6	15 2	0 24	18 54	1 41	13 58	16 34	10 3	9 40	28 13	4 12	2 17
T 25	23 26	8 27	3 15	24 20	2 8	17 16	1 51	19 31	3 34	7 57	1 13	21 46	0 6	15 3	0 24	18 54	1 41	13 59	16 35	10 1	9 38	28 13	4 12	2 17
W26	23 24	2 16	2 15	24 5	2 5	16 52	1 49	19 36	3 36	7 54	1 13	21 45	0 6	15 4	0 24	18 53	1 41	13 59	16 35	10 1	9 37	28 14	4 12	2 17
T 27	23 22	3s50	1 11	23 47	2 2	16 28	1 46	19 40	3 39	7 50	1 12	21 44	0 6	15 5	0 24	18 53	1 41	14 0	16 36	10 1	9 36	28 14	4 12	2 17
F 28	23 20	9 37	0 5	23 29	1 58	16 3	1 43	19 45	3 41	7 46	1 12	21 43	0 6	15 6	0 24	18 53	1 41	14 0	16 36	10 1	9 35	28 14	4 12	2 17
S 29	23 16	14 54	1s 0	23 9	1 53	15 38	1 40	19 50	3 44	7 42	1 12	21 42	0 6	15 6	0 24	18 53	1 41	14 0	16 37	10 1	9 34	28 14	4 12	2 16
S 30	23 13	19 32	2 1	22 47	1 48	15 13	1 38	19 55	3 46	7 38	1 12	21 41	0 6	15 7	0 24	18 52	1 41	14 1	16 38	10 0	9 33	28 14	4 12	2 16
M31	23s 9	23s19	2s56	22s25	1s41	14s47	1s34	20n 1	3n49	7s34	1s12	21s40	0s 6	15s 8	0n25	18n52	1s41	14n 1	16n38	9n58	9n31	28s14	4n12	2n16

Julian Day Number = 2351437.5, Delta T = 10.71 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'50, Lahiri = 20°01'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

JANUARY 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 18	10♑23'29	13♐10	28♑34	25♒52	14°R45	13♓45	22♑50	12♏14	1°R37	3♎ 3	25°R36	24♈29	4♑20	5♈21	T 1
W 2	6 45 14	11°24'40	25° 1	29°54	26°59	14♌33	13°55	22°57	12°17	1♊36	3° 3	25♈25	24°26	4°26	5°22	W 2
T 3	6 49 11	12°25'52	6♑52	1♒11	28° 7	14°20	14° 5	23° 4	12°19	1°34	3° 3	25°12	24°23	4°33	5°23	T 3
F 4	6 53 7	13°27'03	18°45	2°24	29°14	14° 6	14°15	23°11	12°21	1°33	3° 3	24°57	24°20	4°40	5°24	F 4
S 5	6 57 4	14°28'14	0♒41	3°32	0♓22	13°51	14°26	23°19	12°24	1°32	3°R 3	24°42	24°16	4°46	5°25	S 5
S 6	7 1 0	15°29'25	12°41	4°35	1°28	13°36	14°37	23°26	12°26	1°31	3° 3	24°28	24°13	4°53	5°26	S 6
M 7	7 4 57	16°30'35	24°47	5°31	2°35	13°19	14°47	23°33	12°28	1°30	3° 3	24°17	24°10	5° 0	5°27	M 7
T 8	7 8 54	17°31'45	7♓ 0	6°21	3°42	13° 3	14°58	23°40	12°30	1°29	3° 3	24° 8	24° 7	5° 7	5°28	T 8
W 9	7 12 50	18°32'54	19°24	7° 2	4°48	12°45	15° 9	23°47	12°32	1°28	3° 3	24° 2	24° 4	5°13	5°30	W 9
T 10	7 16 47	19°34'02	2♈ 1	7°35	5°54	12°27	15°20	23°54	12°34	1°27	3° 3	24° 0	24° 1	5°20	5°31	T 10
F 11	7 20 43	20°35'10	14°56	7°58	7° 0	12° 8	15°31	24° 1	12°36	1°26	3° 3	23°59	23°57	5°27	5°32	F 11
S 12	7 24 40	21°36'17	28°12	8°10	8° 5	11°48	15°42	24° 8	12°38	1°25	3° 2	23°59	23°54	5°33	5°34	S 12
S 13	7 28 36	22°37'24	11♉53	8°R12	9°10	11°28	15°54	24°15	12°40	1°24	3° 2	23°58	23°51	5°40	5°35	S 13
M14	7 32 33	23°38'29	26° 1	8° 1	10°15	11° 8	16° 5	24°22	12°42	1°23	3° 2	23°56	23°48	5°47	5°37	M14
T 15	7 36 29	24°39'34	10♊35	7°39	11°20	10°46	16°17	24°29	12°43	1°22	3° 2	23°51	23°45	5°54	5°39	T 15
W16	7 40 26	25°40'38	25°32	7° 6	12°24	10°25	16°28	24°37	12°45	1°21	3° 1	23°43	23°42	6° 0	5°40	W16
T 17	7 44 23	26°41'41	10♋45	6°22	13°28	10° 3	16°40	24°44	12°47	1°20	3° 1	23°32	23°38	6° 7	5°42	T 17
F 18	7 48 19	27°42'44	26° 2	5°27	14°31	9°40	16°52	24°51	12°48	1°20	3° 0	23°21	23°35	6°14	5°44	F 18
S 19	7 52 16	28°43'45	11♌14	4°25	15°35	9°18	17° 4	24°58	12°50	1°19	3° 0	23° 9	23°32	6°20	5°46	S 19
S 20	7 56 12	29°44'46	26° 9	3°15	16°38	8°55	17°16	25° 5	12°51	1°18	2°59	22°59	23°29	6°27	5°48	S 20
M21	8 0 9	0♒45'46	10♍39	2° 1	17°40	8°31	17°28	25°12	12°53	1°17	2°59	22°51	23°26	6°34	5°49	M21
T 22	8 4 5	1°46'46	24°39	0°45	18°43	8° 8	17°40	25°19	12°54	1°17	2°58	22°46	23°22	6°41	5°51	T 22
W23	8 8 2	2°47'45	8♎ 9	29♑29	19°44	7°44	17°52	25°26	12°56	1°16	2°58	22°43	23°19	6°47	5°53	W23
T 24	8 11 58	3°48'43	21°11	28°16	20°46	7°20	18° 5	25°33	12°57	1°15	2°57	22°D43	23°16	6°54	5°55	T 24
F 25	8 15 55	4°49'41	3♏48	27° 6	21°47	6°56	18°17	25°40	12°58	1°15	2°56	22°R43	23°13	7° 1	5°58	F 25
S 26	8 19 52	5°50'38	16° 6	26° 2	22°47	6°32	18°30	25°47	12°59	1°14	2°56	22°42	23°10	7° 7	6° 0	S 26
S 27	8 23 48	6°51'34	28°10	25° 6	23°48	6° 8	18°42	25°54	13° 1	1°14	2°55	22°40	23° 7	7°14	6° 2	S 27
M28	8 27 45	7°52'30	10♐ 5	24°17	24°47	5°44	18°55	26° 2	13° 2	1°13	2°54	22°36	23° 3	7°21	6° 4	M28
T 29	8 31 41	8°53'24	21°55	23°36	25°47	5°20	19° 8	26° 9	13° 3	1°13	2°54	22°29	23° 0	7°28	6° 6	T 29
W30	8 35 38	9°54'18	3♑45	23° 4	26°45	4°56	19°21	26°16	13° 4	1°12	2°53	22°18	22°57	7°34	6° 9	W30
T 31	8 39 34	10♒55'11	15♑37	22♑41	27♓44	4♌33	19♓33	26♑23	13♏ 5	1♊12	2♎52	22♈ 6	22♈54	7♑41	6♈11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 4	26s 6	3s42	22s 1	1s34	14s21	1s31	20n 7	3n51	7s30	1s12	21s39	0s 7	15s 9	0n25	18n52	1s41	14n 2	16n39	9n55	9n30	28s14	4n12	2n16
W 2	22 59	27 42	4 19	21 36	1 26	13 55	1 28	20 13	3 53	7 26	1 11	21 38	0 7	15 9	0 25	18 52	1 41	14 2	16 39	9 51	9 29	28 14	4 12	2 16
T 3	22 54	28 2	4 45	21 11	1 17	13 28	1 24	20 19	3 56	7 22	1 11	21 37	0 7	15 10	0 25	18 52	1 41	14 3	16 40	9 46	9 28	28 14	4 13	2 15
F 4	22 48	27 5	4 58	20 45	1 7	13 1	1 21	20 25	3 58	7 18	1 11	21 36	0 7	15 11	0 25	18 51	1 41	14 3	16 41	9 40	9 27	28 14	4 13	2 15
S 5	22 41	24 53	4 58	20 19	0 57	12 34	1 17	20 32	4 0	7 14	1 11	21 34	0 7	15 11	0 25	18 51	1 41	14 4	16 41	9 35	9 26	28 14	4 13	2 15
S 6	22 35	21 35	4 45	19 52	0 45	12 7	1 13	20 38	4 3	7 9	1 11	21 33	0 7	15 12	0 25	18 51	1 41	14 4	16 42	9 30	9 24	28 14	4 13	2 15
M 7	22 27	17 21	4 19	19 26	0 32	11 39	1 9	20 45	4 5	7 5	1 11	21 32	0 7	15 13	0 25	18 51	1 41	14 5	16 42	9 26	9 23	28 14	4 14	2 15
T 8	22 20	12 22	3 41	19 0	0 17	11 11	1 5	20 52	4 7	7 1	1 11	21 31	0 7	15 13	0 25	18 51	1 41	14 5	16 43	9 22	9 22	28 14	4 14	2 14
W 9	22 11	6 50	2 52	18 35	0 2	10 43	1 1	20 59	4 9	6 56	1 10	21 30	0 7	15 14	0 25	18 51	1 41	14 6	16 43	9 20	9 21	28 14	4 14	2 14
T 10	22 3	0 56	1 53	18 11	0n14	10 14	0 57	21 6	4 11	6 52	1 10	21 29	0 7	15 15	0 25	18 50	1 41	14 7	16 44	9 19	9 20	28 14	4 15	2 14
F 11	21 54	5n10	0 48	17 49	0 31	9 46	0 52	21 13	4 13	6 48	1 10	21 28	0 7	15 15	0 25	18 50	1 41	14 7	16 45	9 19	9 19	28 14	4 15	2 14
S 12	21 44	11 12	0n22	17 29	0 48	9 17	0 48	21 21	4 14	6 43	1 10	21 26	0 7	15 16	0 25	18 50	1 40	14 8	16 45	9 19	9 17	28 14	4 15	2 14
S 13	21 35	16 54	1 33	17 11	1 6	8 48	0 43	21 28	4 16	6 39	1 10	21 25	0 7	15 16	0 25	18 50	1 40	14 8	16 46	9 19	9 16	28 14	4 16	2 13
M14	21 24	21 53	2 40	16 55	1 25	8 19	0 38	21 35	4 18	6 34	1 10	21 24	0 7	15 17	0 25	18 50	1 40	14 9	16 46	9 18	9 15	28 14	4 16	2 13
T 15	21 14	25 41	3 39	16 43	1 44	7 50	0 33	21 43	4 19	6 29	1 10	21 23	0 8	15 17	0 25	18 50	1 40	14 10	16 47	9 16	9 14	28 14	4 17	2 13
W16	21 2	27 49	4 25	16 34	2 2	7 21	0 28	21 50	4 21	6 25	1 9	21 22	0 8	15 18	0 25	18 50	1 40	14 10	16 47	9 13	9 13	28 14	4 17	2 13
T 17	20 51	27 54	4 52	16 28	2 19	6 52	0 23	21 58	4 22	6 20	1 9	21 20	0 8	15 18	0 25	18 50	1 40	14 11	16 48	9 9	9 12	28 14	4 18	2 13
F 18	20 39	25 52	4 59	16 25	2 36	6 22	0 18	22 5	4 23	6 15	1 9	21 19	0 8	15 19	0 25	18 49	1 40	14 12	16 48	9 5	9 10	28 14	4 18	2 12
S 19	20 27	22 0	4 45	16 25	2 51	5 53	0 12	22 12	4 25	6 10	1 9	21 18	0 8	15 19	0 25	18 49	1 40	14 12	16 49	9 1	9 9	28 14	4 19	2 12
S 20	20 14	16 46	4 12	16 28	3 4	5 23	0 7	22 20	4 26	6 6	1 9	21 17	0 8	15 20	0 25	18 49	1 40	14 13	16 49	8 57	9 8	28 14	4 19	2 12
M21	20 1	10 42	3 22	16 34	3 16	4 54	0 1	22 27	4 27	6 1	1 9	21 16	0 8	15 20	0 25	18 49	1 40	14 14	16 50	8 54	9 7	28 14	4 20	2 12
T 22	19 48	4 18	2 22	16 42	3 24	4 24	0n 5	22 34	4 28	5 56	1 9	21 14	0 8	15 21	0 25	18 49	1 40	14 14	16 51	8 52	9 6	28 14	4 21	2 12
W23	19 34	2s 4	1 16	16 51	3 31	3 54	0 11	22 41	4 28	5 51	1 9	21 13	0 8	15 21	0 25	18 49	1 40	14 15	16 51	8 51	9 4	28 14	4 21	2 12
T 24	19 20	8 9	0 8	17 2	3 34	3 25	0 17	22 48	4 29	5 46	1 8	21 12	0 8	15 21	0 25	18 49	1 40	14 16	16 52	8 51	9 3	28 14	4 22	2 11
F 25	19 5	13 43	0s58	17 14	3 36	2 55	0 23	22 55	4 30	5 41	1 8	21 11	0 8	15 22	0 25	18 49	1 40	14 17	16 52	8 51	9 2	28 14	4 23	2 11
S 26	18 50	18 36	2 0	17 27	3 35	2 25	0 29	23 1	4 30	5 36	1 8	21 9	0 8	15 22	0 25	18 49	1 40	14 17	16 53	8 51	9 1	28 13	4 23	2 11
S 27	18 35	22 38	2 56	17 41	3 32	1 56	0 36	23 8	4 30	5 31	1 8	21 8	0 8	15 22	0 25	18 49	1 40	14 18	16 53	8 50	9 0	28 13	4 24	2 11
M28	18 20	25 40	3 43	17 54	3 27	1 26	0 42	23 14	4 31	5 26	1 8	21 7	0 9	15 23	0 25	18 49	1 40	14 19	16 54	8 48	8 59	28 13	4 25	2 11
T 29	18 4	27 33	4 20	18 7	3 20	0 56	0 49	23 20	4 31	5 21	1 8	21 6	0 9	15 23	0 25	18 49	1 40	14 20	16 54	8 46	8 57	28 13	4 26	2 11
W30	17 48	28 11	4 45	18 20	3 12	0 27	0 55	23 26	4 31	5 16	1 8	21 4	0 9	15 23	0 25	18 49	1 40	14 20	16 55	8 42	8 56	28 13	4 26	2 10
T 31	17s31	27s30	4s59	18s33	3n 4	0n 3	1n 2	23n32	4n31	5s11	1s 8	21s 3	0s 9	15s24	0n25	18n49	1s39	14n21	16n55	8n37	8n55	28s13	4n27	2n10

Julian Day Number = 2351468.5, Delta T = 10.72 sec
Ecliptic obliquity = 23°28'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'55, Lahiri = 20°01'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

FEBRUARY 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 31	11♒56'03	27♉33	22°R26	28♓41	4°R 9	19♓46	26♉29	13♏ 6	1°R12	2°R51	21°R53	22♈51	7♉48	6♈14	F 1
S 2	8 47 27	12°56'54	9♒36	22°D19	29°39	3♌46	19°59	26°36	13° 6	1♊11	2♎50	21♈39	22°48	7°54	6°16	S 2
S 3	8 51 24	13°57'43	21°46	22♉20	0♈35	3°23	20°12	26°43	13° 7	1°11	2°49	21°26	22°44	8° 1	6°19	S 3
M 4	8 55 21	14°58'32	4♓ 4	22°28	1°31	3° 1	20°26	26°50	13° 8	1°11	2°48	21°16	22°41	8° 8	6°21	M 4
T 5	8 59 17	15°59'18	16°30	22°42	2°27	2°39	20°39	26°57	13° 8	1°11	2°47	21° 8	22°38	8°15	6°24	T 5
W 6	9 3 14	17° 0'04	29° 6	23° 3	3°22	2°18	20°52	27° 4	13° 9	1°11	2°46	21° 3	22°35	8°21	6°26	W 6
T 7	9 7 10	18° 0'47	11♈54	23°29	4°16	1°56	21° 5	27°11	13°10	1°10	2°45	21° 0	22°32	8°28	6°29	T 7
F 8	9 11 7	19° 1'29	24°55	24° 1	5°10	1°36	21°19	27°18	13°10	1°10	2°44	21°D 0	22°28	8°35	6°32	F 8
S 9	9 15 3	20° 2'10	8♉13	24°38	6° 3	1°16	21°32	27°24	13°11	1°10	2°43	21° 1	22°25	8°42	6°34	S 9
S 10	9 19 0	21° 2'49	21°49	25°19	6°55	0°57	21°46	27°31	13°11	1°D10	2°42	21°R 1	22°22	8°48	6°37	S 10
M11	9 22 56	22° 3'26	5♊45	26° 4	7°46	0°38	21°59	27°38	13°11	1°10	2°41	21° 0	22°19	8°55	6°40	M11
T 12	9 26 53	23° 4'01	20° 2	26°53	8°37	0°20	22°13	27°44	13°11	1°10	2°40	20°57	22°16	9° 2	6°43	T 12
W13	9 30 50	24° 4'35	4♋38	27°45	9°27	0° 2	22°27	27°51	13°12	1°10	2°39	20°52	22°13	9° 8	6°46	W13
T 14	9 34 46	25° 5'07	19°27	28°40	10°16	29♋45	22°40	27°58	13°12	1°10	2°37	20°44	22° 9	9°15	6°49	T 14
F 15	9 38 43	26° 5'37	4♌24	29°39	11° 4	29°29	22°54	28° 4	13°12	1°11	2°36	20°36	22° 6	9°22	6°52	F 15
S 16	9 42 39	27° 6'05	19°19	0♒40	11°51	29°14	23° 8	28°11	13°R12	1°11	2°35	20°27	22° 3	9°29	6°55	S 16
S 17	9 46 36	28° 6'32	4♍ 3	1°43	12°37	28°59	23°22	28°17	13°12	1°11	2°34	20°19	22° 0	9°35	6°58	S 17
M18	9 50 32	29° 6'57	18°28	2°49	13°22	28°45	23°35	28°24	13°12	1°11	2°32	20°13	21°57	9°42	7° 1	M18
T 19	9 54 29	0♓ 7'20	2♎29	3°57	14° 7	28°32	23°49	28°30	13°12	1°12	2°31	20°10	21°53	9°49	7° 4	T 19
W20	9 58 25	1° 7'42	16° 3	5° 8	14°50	28°20	24° 3	28°37	13°12	1°12	2°30	20°D 8	21°50	9°55	7° 7	W20
T 21	10 2 22	2° 8'03	29°11	6°20	15°32	28° 8	24°17	28°43	13°11	1°12	2°28	20° 8	21°47	10° 2	7°10	T 21
F 22	10 6 19	3° 8'22	11♏55	7°34	16°13	27°57	24°31	28°49	13°11	1°13	2°27	20°10	21°44	10° 9	7°13	F 22
S 23	10 10 15	4° 8'39	24°18	8°49	16°53	27°47	24°45	28°56	13°11	1°13	2°25	20°11	21°41	10°16	7°16	S 23
S 24	10 14 12	5° 8'56	6♐26	10° 7	17°31	27°38	24°59	29° 2	13°10	1°13	2°24	20°R11	21°38	10°22	7°20	S 24
M25	10 18 8	6° 9'10	18°23	11°25	18° 8	27°30	25°14	29° 8	13°10	1°14	2°23	20°10	21°34	10°29	7°23	M25
T 26	10 22 5	7° 9'23	0♑15	12°46	18°44	27°22	25°28	29°14	13° 9	1°14	2°21	20° 8	21°31	10°36	7°26	T 26
W27	10 26 1	8° 9'35	12° 6	14° 7	19°19	27°15	25°42	29°20	13° 9	1°15	2°20	20° 3	21°28	10°42	7°29	W27
T 28	10 29 58	9♓ 9'45	24♑ 0	15♒31	19♈52	27♋ 9	25♓56	29♉26	13♏ 8	1♊16	2♎18	19♈57	21♈25	10♉49	7♈33	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s14	25s34	4s59	18s45	2n54	0n32	1n 9	23n37	4n30	5s 5	1s 8	21s 2	0s 9	15s24	0n25	18n49	1s39	14n22	16n56	8n32	8n54	28s12	4n28	2n10
S 2	16 57	22 28	4 46	18 57	2 43	1 1	1 16	23 43	4 30	5 0	1 7	21 1	0 9	15 24	0 25	18 49	1 39	14 23	16 56	8 27	8 53	28 12	4 29	2 10
S 3	16 40	18 23	4 20	19 7	2 32	1 30	1 23	23 48	4 30	4 55	1 7	20 59	0 9	15 24	0 25	18 49	1 39	14 23	16 57	8 22	8 51	28 12	4 30	2 10
M 4	16 22	13 29	3 42	19 17	2 21	1 59	1 31	23 53	4 29	4 50	1 7	20 58	0 9	15 24	0 25	18 49	1 39	14 24	16 57	8 18	8 50	28 12	4 30	2 10
T 5	16 4	7 59	2 52	19 26	2 9	2 28	1 38	23 57	4 28	4 44	1 7	20 57	0 9	15 25	0 25	18 49	1 39	14 25	16 57	8 15	8 49	28 12	4 31	2 9
W 6	15 46	2 6	1 54	19 35	1 57	2 57	1 45	24 1	4 28	4 39	1 7	20 56	0 9	15 25	0 25	18 49	1 39	14 26	16 58	8 13	8 48	28 11	4 32	2 9
T 7	15 27	3n58	0 48	19 42	1 46	3 26	1 53	24 5	4 27	4 34	1 7	20 54	0 9	15 25	0 25	18 49	1 39	14 27	16 58	8 13	8 47	28 11	4 33	2 9
F 8	15 9	9 59	0n21	19 48	1 34	3 54	2 1	24 9	4 26	4 28	1 7	20 53	0 9	15 25	0 25	18 49	1 39	14 27	16 59	8 12	8 46	28 11	4 34	2 9
S 9	14 50	15 42	1 31	19 53	1 22	4 22	2 8	24 13	4 25	4 23	1 7	20 52	0 9	15 25	0 25	18 49	1 39	14 28	16 59	8 13	8 44	28 11	4 35	2 9
S 10	14 30	20 46	2 37	19 57	1 11	4 50	2 16	24 16	4 24	4 18	1 7	20 51	0 9	15 25	0 25	18 49	1 39	14 29	17 0	8 13	8 43	28 11	4 36	2 9
M11	14 11	24 50	3 35	20 0	0 59	5 18	2 24	24 19	4 23	4 12	1 7	20 49	0 10	15 25	0 25	18 49	1 39	14 30	17 0	8 13	8 42	28 10	4 37	2 8
T 12	13 51	27 27	4 22	20 2	0 48	5 45	2 32	24 22	4 22	4 7	1 7	20 48	0 10	15 25	0 25	18 49	1 39	14 31	17 0	8 11	8 41	28 10	4 38	2 8
W13	13 31	28 16	4 53	20 2	0 37	6 12	2 40	24 25	4 20	4 1	1 7	20 47	0 10	15 26	0 25	18 49	1 39	14 32	17 1	8 9	8 40	28 10	4 39	2 8
T 14	13 11	27 5	5 5	20 1	0 27	6 39	2 48	24 27	4 19	3 56	1 6	20 46	0 10	15 26	0 25	18 49	1 39	14 32	17 1	8 7	8 38	28 9	4 40	2 8
F 15	12 50	23 59	4 56	20 0	0 16	7 6	2 57	24 29	4 17	3 50	1 6	20 45	0 10	15 26	0 25	18 49	1 39	14 33	17 2	8 3	8 37	28 9	4 41	2 8
S 16	12 30	19 17	4 28	19 56	0 6	7 32	3 5	24 31	4 16	3 45	1 6	20 43	0 10	15 26	0 25	18 49	1 38	14 34	17 2	8 0	8 36	28 9	4 42	2 8
S 17	12 9	13 28	3 41	19 52	0s 4	7 58	3 14	24 32	4 14	3 39	1 6	20 42	0 10	15 26	0 25	18 49	1 38	14 35	17 2	7 57	8 35	28 9	4 43	2 8
M18	11 48	7 3	2 42	19 46	0 13	8 23	3 22	24 34	4 13	3 34	1 6	20 41	0 10	15 26	0 25	18 50	1 38	14 36	17 3	7 55	8 34	28 8	4 44	2 7
T 19	11 27	0 26	1 33	19 39	0 22	8 48	3 31	24 35	4 11	3 28	1 6	20 40	0 10	15 25	0 25	18 50	1 38	14 37	17 3	7 54	8 33	28 8	4 45	2 7
W20	11 5	5s59	0 22	19 31	0 31	9 13	3 39	24 36	4 9	3 23	1 6	20 38	0 10	15 25	0 25	18 50	1 38	14 37	17 3	7 53	8 31	28 8	4 46	2 7
T 21	10 44	11 58	0s49	19 22	0 40	9 38	3 48	24 36	4 7	3 17	1 6	20 37	0 10	15 25	0 25	18 50	1 38	14 38	17 4	7 53	8 30	28 7	4 48	2 7
F 22	10 22	17 15	1 55	19 11	0 48	10 1	3 57	24 37	4 6	3 11	1 6	20 36	0 10	15 25	0 25	18 50	1 38	14 39	17 4	7 54	8 29	28 7	4 49	2 7
S 23	10 0	21 41	2 54	18 59	0 56	10 25	4 5	24 37	4 4	3 6	1 6	20 35	0 11	15 25	0 25	18 50	1 38	14 40	17 4	7 54	8 28	28 7	4 50	2 7
S 24	9 38	25 5	3 44	18 45	1 3	10 48	4 14	24 37	4 2	3 0	1 6	20 34	0 11	15 25	0 25	18 50	1 38	14 41	17 5	7 54	8 27	28 6	4 51	2 7
M25	9 16	27 20	4 23	18 31	1 10	11 11	4 23	24 37	4 0	2 54	1 6	20 32	0 11	15 25	0 25	18 51	1 38	14 42	17 5	7 54	8 25	28 6	4 52	2 6
T 26	8 54	28 19	4 51	18 14	1 17	11 33	4 32	24 36	3 58	2 49	1 6	20 31	0 11	15 25	0 25	18 51	1 38	14 42	17 5	7 53	8 24	28 5	4 53	2 6
W27	8 31	28 0	5 6	17 57	1 24	11 54	4 41	24 36	3 56	2 43	1 6	20 30	0 11	15 25	0 25	18 51	1 38	14 43	17 6	7 51	8 23	28 5	4 54	2 6
T 28	8s 9	26s24	5s 8	17s38	1s30	12n15	4n50	24n35	3n54	2s37	1s 6	20s29	0s11	15s24	0n25	18n51	1s38	14n44	17n 6	7n49	8n22	28s 5	4n56	2n 6

Julian Day Number = 2351499.5, Delta T = 10.73 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°54'59, Lahiri = 20°01'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

MARCH 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 33 54	10♓ 9'53	6♒ 1	16♒55	20♈24	27°R 4	26♓10	29♑32	13°R 8	1♊16	2°R17	19°R49	21♈22	10♑56	7♈36	F 1
S 2	10 37 51	11°10'00	18°11	18°21	20°54	26♋59	26°25	29°38	13♏ 7	1°17	2♎15	19♈42	21°19	11° 3	7°39	S 2
S 3	10 41 48	12°10'05	0♓31	19°48	21°22	26°55	26°39	29°44	13° 6	1°18	2°14	19°35	21°15	11° 9	7°43	S 3
M 4	10 45 44	13°10'08	13° 3	21°16	21°49	26°52	26°53	29°50	13° 5	1°18	2°12	19°29	21°12	11°16	7°46	M 4
T 5	10 49 41	14°10'09	25°47	22°46	22°15	26°50	27° 8	29°56	13° 5	1°19	2°11	19°25	21° 9	11°23	7°50	T 5
W 6	10 53 37	15°10'08	8♈43	24°17	22°38	26°48	27°22	0♒ 1	13° 4	1°20	2° 9	19°23	21° 6	11°30	7°53	W 6
T 7	10 57 34	16°10'05	21°51	25°49	22°59	26°D48	27°37	0° 7	13° 3	1°21	2° 7	19°D22	21° 3	11°36	7°57	T 7
F 8	11 1 30	17° 9'59	5♉11	27°22	23°19	26°48	27°51	0°13	13° 2	1°21	2° 6	19°23	20°59	11°43	8° 0	F 8
S 9	11 5 27	18° 9'52	18°44	28°56	23°37	26°49	28° 5	0°18	13° 1	1°22	2° 4	19°24	20°56	11°50	8° 4	S 9
S 10	11 9 23	19° 9'43	2♊28	0♓32	23°52	26°50	28°20	0°24	12°59	1°23	2° 3	19°26	20°53	11°56	8° 7	S 10
M11	11 13 20	20° 9'31	16°25	2° 9	24° 6	26°52	28°34	0°29	12°58	1°24	2° 1	19°R27	20°50	12° 3	8°11	M11
T 12	11 17 17	21° 9'17	0♋34	3°47	24°17	26°55	28°49	0°34	12°57	1°25	1°59	19°27	20°47	12°10	8°14	T 12
W13	11 21 13	22° 9'01	14°52	5°26	24°26	26°59	29° 3	0°40	12°56	1°26	1°58	19°25	20°44	12°17	8°18	W13
T 14	11 25 10	23° 8'43	29°18	7° 6	24°33	27° 3	29°18	0°45	12°55	1°27	1°56	19°22	20°40	12°23	8°21	T 14
F 15	11 29 6	24° 8'22	13♌47	8°48	24°38	27° 8	29°32	0°50	12°53	1°28	1°55	19°19	20°37	12°30	8°25	F 15
S 16	11 33 3	25° 7'58	28°13	10°31	24°R40	27°14	29°47	0°55	12°52	1°29	1°53	19°15	20°34	12°37	8°29	S 16
S 17	11 36 59	26° 7'33	12♍32	12°15	24°40	27°20	0♈ 1	1° 0	12°50	1°31	1°51	19°12	20°31	12°43	8°32	S 17
M18	11 40 56	27° 7'06	26°37	14° 0	24°37	27°27	0°16	1° 5	12°49	1°32	1°50	19°10	20°28	12°50	8°36	M18
T 19	11 44 52	28° 6'36	10♎24	15°47	24°32	27°35	0°30	1°10	12°47	1°33	1°48	19° 8	20°25	12°57	8°39	T 19
W20	11 48 49	29° 6'04	23°50	17°35	24°24	27°43	0°45	1°15	12°46	1°34	1°46	19°D 8	20°21	13° 4	8°43	W20
T 21	11 52 46	0♈ 5'31	6♏56	19°24	24°14	27°52	0°59	1°20	12°44	1°35	1°45	19° 9	20°18	13°10	8°47	T 21
F 22	11 56 42	1° 4'56	19°40	21°15	24° 1	28° 1	1°14	1°25	12°43	1°37	1°43	19°10	20°15	13°17	8°50	F 22
S 23	12 0 39	2° 4'19	2♐ 6	23° 7	23°46	28°11	1°28	1°29	12°41	1°38	1°41	19°12	20°12	13°24	8°54	S 23
S 24	12 4 35	3° 3'40	14°18	25° 0	23°28	28°21	1°43	1°34	12°39	1°39	1°40	19°13	20° 9	13°31	8°58	S 24
M25	12 8 32	4° 2'59	26°18	26°54	23° 8	28°32	1°57	1°38	12°37	1°41	1°38	19°14	20° 5	13°37	9° 1	M25
T 26	12 12 28	5° 2'17	8♑12	28°50	22°46	28°44	2°12	1°43	12°36	1°42	1°36	19°R14	20° 2	13°44	9° 5	T 26
W27	12 16 25	6° 1'33	20° 5	0♈47	22°21	28°56	2°26	1°47	12°34	1°43	1°35	19°14	19°59	13°51	9° 9	W27
T 28	12 20 21	7° 0'47	2♒ 1	2°46	21°54	29° 9	2°41	1°51	12°32	1°45	1°33	19°12	19°56	13°57	9°12	T 28
F 29	12 24 18	7°59'59	14° 4	4°45	21°26	29°22	2°55	1°56	12°30	1°46	1°31	19°11	19°53	14° 4	9°16	F 29
S 30	12 28 15	8°59'09	26°18	6°46	20°56	29°35	3°10	2° 0	12°28	1°48	1°30	19°10	19°50	14°11	9°20	S 30
S 31	12 32 11	9♈58'17	8♓47	8♈47	20♈23	29♋49	3♈24	2♒ 4	12♏26	1♊49	1♎28	19♈ 8	19♈46	14♑18	9♈23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s46	23s35	4s57	17s18	1s36	12n35	4n59	24n34	3n52	2s32	1s 6	20s28	0s11	15s24	0n25	18n51	1s38	14n45	17n 6	7n46	8n21	28s 4	4n57	2n 6
S 2	7 23	19 43	4 32	16 57	1 41	12 55	5 8	24 33	3 50	2 26	1 6	20 26	0 11	15 24	0 25	18 51	1 38	14 46	17 6	7 43	8 19	28 4	4 58	2 6
S 3	7 0	14 57	3 54	16 34	1 46	13 14	5 17	24 32	3 48	2 20	1 6	20 25	0 11	15 24	0 25	18 52	1 38	14 47	17 7	7 40	8 18	28 3	4 59	2 6
M 4	6 37	9 30	3 5	16 11	1 51	13 33	5 26	24 30	3 46	2 15	1 6	20 24	0 11	15 23	0 25	18 52	1 37	14 47	17 7	7 38	8 17	28 3	5 1	2 6
T 5	6 14	3 35	2 5	15 45	1 55	13 50	5 35	24 29	3 44	2 9	1 6	20 23	0 11	15 23	0 25	18 52	1 37	14 48	17 7	7 37	8 16	28 2	5 2	2 5
W 6	5 51	2n35	0 58	15 19	1 59	14 7	5 43	24 27	3 42	2 3	1 6	20 22	0 11	15 23	0 25	18 52	1 37	14 49	17 7	7 36	8 15	28 2	5 3	2 5
T 7	5 28	8 44	0n14	14 51	2 2	14 24	5 52	24 25	3 40	1 57	1 6	20 21	0 12	15 23	0 25	18 52	1 37	14 50	17 7	7 36	8 13	28 2	5 4	2 5
F 8	5 5	14 37	1 25	14 22	2 5	14 39	6 1	24 23	3 37	1 51	1 6	20 20	0 12	15 22	0 25	18 53	1 37	14 51	17 8	7 36	8 12	28 1	5 6	2 5
S 9	4 41	19 53	2 34	13 51	2 8	14 54	6 9	24 21	3 35	1 46	1 5	20 19	0 12	15 22	0 25	18 53	1 37	14 51	17 8	7 36	8 11	28 1	5 7	2 5
S 10	4 18	24 11	3 34	13 20	2 10	15 7	6 18	24 19	3 33	1 40	1 5	20 17	0 12	15 22	0 25	18 53	1 37	14 52	17 8	7 37	8 10	28 0	5 8	2 5
M11	3 54	27 8	4 23	12 47	2 12	15 20	6 26	24 16	3 31	1 34	1 5	20 16	0 12	15 21	0 25	18 53	1 37	14 53	17 8	7 37	8 9	28 0	5 10	2 5
T 12	3 31	28 25	4 56	12 12	2 13	15 32	6 34	24 13	3 29	1 28	1 5	20 15	0 12	15 21	0 25	18 54	1 37	14 54	17 8	7 37	8 8	27 59	5 11	2 5
W13	3 7	27 49	5 12	11 37	2 14	15 42	6 42	24 11	3 27	1 23	1 5	20 14	0 12	15 20	0 25	18 54	1 37	14 55	17 9	7 37	8 6	27 59	5 12	2 5
T 14	2 44	25 21	5 8	11 0	2 15	15 52	6 50	24 8	3 25	1 17	1 5	20 13	0 12	15 20	0 25	18 54	1 37	14 55	17 9	7 36	8 5	27 58	5 13	2 4
F 15	2 20	21 16	4 45	10 22	2 15	16 1	6 57	24 5	3 23	1 11	1 5	20 12	0 12	15 20	0 25	18 54	1 37	14 56	17 9	7 34	8 4	27 58	5 15	2 4
S 16	1 56	15 55	4 4	9 42	2 14	16 8	7 4	24 2	3 21	1 5	1 5	20 11	0 12	15 19	0 25	18 55	1 37	14 57	17 9	7 33	8 3	27 57	5 16	2 4
S 17	1 33	9 46	3 8	9 2	2 13	16 14	7 11	23 58	3 19	1 0	1 5	20 10	0 12	15 19	0 25	18 55	1 37	14 58	17 9	7 32	8 2	27 57	5 17	2 4
M18	1 9	3 12	2 1	8 20	2 12	16 19	7 18	23 55	3 17	0 54	1 5	20 9	0 13	15 18	0 26	18 55	1 37	14 58	17 9	7 31	8 0	27 56	5 19	2 4
T 19	0 45	3s23	0 48	7 37	2 10	16 23	7 24	23 51	3 15	0 48	1 5	20 8	0 13	15 18	0 26	18 56	1 37	14 59	17 9	7 30	7 59	27 55	5 20	2 4
W20	0 21	9 40	0s26	6 53	2 8	16 25	7 29	23 48	3 13	0 42	1 5	20 7	0 13	15 17	0 26	18 56	1 37	15 0	17 9	7 30	7 58	27 55	5 22	2 4
T 21	0n 2	15 22	1 36	6 7	2 5	16 26	7 34	23 44	3 11	0 36	1 5	20 6	0 13	15 17	0 26	18 56	1 37	15 0	17 9	7 31	7 57	27 54	5 23	2 4
F 22	0 26	20 15	2 40	5 21	2 2	16 26	7 39	23 40	3 9	0 31	1 5	20 5	0 13	15 16	0 26	18 56	1 36	15 1	17 9	7 31	7 56	27 54	5 24	2 4
S 23	0 50	24 8	3 35	4 33	1 58	16 24	7 43	23 36	3 7	0 25	1 5	20 4	0 13	15 16	0 26	18 57	1 36	15 2	17 9	7 32	7 54	27 53	5 26	2 4
S 24	1 13	26 50	4 19	3 44	1 54	16 20	7 47	23 32	3 5	0 19	1 5	20 3	0 13	15 15	0 26	18 57	1 36	15 3	17 9	7 32	7 53	27 52	5 27	2 4
M25	1 37	28 16	4 51	2 54	1 49	16 15	7 50	23 28	3 3	0 13	1 5	20 2	0 13	15 15	0 26	18 57	1 36	15 3	17 9	7 32	7 52	27 52	5 28	2 3
T 26	2 0	28 23	5 10	2 3	1 44	16 9	7 52	23 24	3 1	0 8	1 5	20 2	0 13	15 14	0 26	18 58	1 36	15 4	17 9	7 32	7 51	27 51	5 30	2 3
W27	2 24	27 11	5 16	1 11	1 38	16 1	7 53	23 19	2 59	0 2	1 5	20 1	0 13	15 14	0 26	18 58	1 36	15 5	17 9	7 32	7 50	27 51	5 31	2 3
T 28	2 47	24 44	5 8	0 18	1 31	15 52	7 54	23 15	2 57	0n 4	1 6	20 0	0 13	15 13	0 26	18 58	1 36	15 5	17 9	7 32	7 48	27 50	5 33	2 3
F 29	3 11	21 12	4 47	0n36	1 24	15 41	7 54	23 10	2 55	0 10	1 6	19 59	0 14	15 12	0 26	18 59	1 36	15 6	17 9	7 31	7 47	27 49	5 34	2 3
S 30	3 34	16 43	4 12	1 31	1 17	15 28	7 53	23 5	2 53	0 15	1 6	19 58	0 14	15 12	0 26	18 59	1 36	15 6	17 9	7 31	7 46	27 49	5 35	2 3
S 31	3n57	11s27	3s25	2n26	1s 9	15n14	7n51	23n 0	2n51	0n21	1s 6	19s57	0s14	15s11	0n26	18n59	1s36	15n 7	17n 9	7n30	7n45	27s48	5n37	2n 3

Julian Day Number = 2351527.5, Delta T = 10.74 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'03, Lahiri = 20°02'03Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

APRIL 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 36 8	10♈57'24	21♓31	10♈50	19°R50	0♌ 4	3♈39	2♒ 8	12°R24	1♊51	1°R26	19°R 7	19♈43	14♑24	9♈27	M 1
T 2	12 40 4	11°56'28	4♈32	12°54	19♈15	0°19	3°53	2°12	12♏22	1°52	1♎25	19♈ 7	19°40	14°31	9°31	T 2
W 3	12 44 1	12°55'30	17°49	14°58	18°39	0°35	4° 8	2°15	12°20	1°54	1°23	19°D 6	19°37	14°38	9°34	W 3
T 4	12 47 57	13°54'31	1♉22	17° 3	18° 3	0°51	4°22	2°19	12°18	1°56	1°22	19° 6	19°34	14°44	9°38	T 4
F 5	12 51 54	14°53'29	15° 9	19° 8	17°25	1° 7	4°37	2°23	12°16	1°57	1°20	19° 7	19°30	14°51	9°42	F 5
S 6	12 55 50	15°52'25	29° 6	21°14	16°47	1°24	4°51	2°26	12°14	1°59	1°18	19° 7	19°27	14°58	9°46	S 6
S 7	12 59 47	16°51'19	13♊12	23°19	16°10	1°41	5° 5	2°30	12°11	2° 1	1°17	19° 7	19°24	15° 5	9°49	S 7
M 8	13 3 43	17°50'11	27°23	25°24	15°32	1°59	5°20	2°33	12° 9	2° 2	1°15	19° 8	19°21	15°11	9°53	M 8
T 9	13 7 40	18°49'01	11♋37	27°28	14°55	2°17	5°34	2°36	12° 7	2° 4	1°14	19° 8	19°18	15°18	9°56	T 9
W10	13 11 37	19°47'48	25°50	29°31	14°18	2°36	5°48	2°40	12° 5	2° 6	1°12	19° 8	19°15	15°25	10° 0	W10
T 11	13 15 33	20°46'33	10♌ 1	1♉33	13°42	2°54	6° 3	2°43	12° 2	2° 8	1°11	19° 8	19°11	15°32	10° 4	T 11
F 12	13 19 30	21°45'15	24° 7	3°33	13° 7	3°14	6°17	2°46	12° 0	2° 9	1° 9	19° 8	19° 8	15°38	10° 7	F 12
S 13	13 23 26	22°43'55	8♍ 5	5°31	12°34	3°33	6°31	2°49	11°58	2°11	1° 7	19° 8	19° 5	15°45	10°11	S 13
S 14	13 27 23	23°42'33	21°54	7°26	12° 2	3°53	6°45	2°52	11°55	2°13	1° 6	19° 8	19° 2	15°52	10°15	S 14
M15	13 31 19	24°41'09	5♎32	9°19	11°31	4°14	6°59	2°54	11°53	2°15	1° 4	19° 9	18°59	15°58	10°18	M15
T 16	13 35 16	25°39'43	18°55	11° 9	11° 3	4°34	7°14	2°57	11°51	2°17	1° 3	19°R 9	18°56	16° 5	10°22	T 16
W17	13 39 12	26°38'14	2♏ 4	12°56	10°36	4°55	7°28	3° 0	11°48	2°19	1° 1	19° 9	18°52	16°12	10°25	W17
T 18	13 43 9	27°36'44	14°57	14°39	10°12	5°17	7°42	3° 2	11°46	2°21	1° 0	19° 8	18°49	16°19	10°29	T 18
F 19	13 47 6	28°35'13	27°35	16°18	9°50	5°38	7°56	3° 5	11°43	2°22	0°59	19° 7	18°46	16°25	10°33	F 19
S 20	13 51 2	29°33'39	9♐58	17°53	9°30	6° 0	8°10	3° 7	11°41	2°24	0°57	19° 6	18°43	16°32	10°36	S 20
S 21	13 54 59	0♉32'04	22° 8	19°25	9°12	6°23	8°24	3° 9	11°39	2°26	0°56	19° 4	18°40	16°39	10°40	S 21
M22	13 58 55	1°30'27	4♑10	20°52	8°57	6°45	8°38	3°11	11°36	2°28	0°54	19° 3	18°36	16°46	10°43	M22
T 23	14 2 52	2°28'49	16° 5	22°14	8°45	7° 8	8°52	3°13	11°34	2°30	0°53	19° 2	18°33	16°52	10°47	T 23
W24	14 6 48	3°27'08	27°58	23°33	8°34	7°31	9° 6	3°15	11°31	2°32	0°52	19° 1	18°30	16°59	10°50	W24
T 25	14 10 45	4°25'27	9♒54	24°46	8°27	7°55	9°19	3°17	11°29	2°34	0°50	19°D 1	18°27	17° 6	10°53	T 25
F 26	14 14 41	5°23'44	21°57	25°55	8°21	8°18	9°33	3°19	11°26	2°36	0°49	19° 2	18°24	17°12	10°57	F 26
S 27	14 18 38	6°21'59	4♓12	26°59	8°19	8°42	9°47	3°21	11°24	2°38	0°48	19° 3	18°21	17°19	11° 0	S 27
S 28	14 22 35	7°20'12	16°42	27°58	8°D18	9° 7	10° 1	3°22	11°21	2°41	0°47	19° 4	18°17	17°26	11° 4	S 28
M29	14 26 31	8°18'24	29°33	28°52	8°20	9°31	10°14	3°24	11°19	2°43	0°45	19° 5	18°14	17°33	11° 7	M29
T 30	14 30 28	9♉16'35	12♈44	29♉42	8♈24	9♌56	10♈28	3♒25	11♏16	2♊45	0♎44	19°R 6	18♈11	17♑39	11♈10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n21	5s37	2s27	3n22	1s 1	14n59	7n49	22n55	2n49	0n27	1s 6	19s57	0s14	15s11	0n26	19n 0	1s36	15n 8	17n 9	7n30	7n44	27s47	5n38	2n 3
T 2	4 44	0n35	1 20	4 19	0 52	14 43	7 45	22 50	2 48	0 33	1 6	19 56	0 14	15 10	0 26	19 0	1 36	15 8	17 9	7 30	7 42	27 47	5 39	2 3
W 3	5 7	6 54	0 7	5 15	0 42	14 25	7 41	22 45	2 46	0 38	1 6	19 55	0 14	15 9	0 26	19 1	1 36	15 9	17 9	7 30	7 41	27 46	5 41	2 3
T 4	5 30	13 1	1n 7	6 12	0 33	14 6	7 36	22 40	2 44	0 44	1 6	19 54	0 14	15 9	0 26	19 1	1 36	15 9	17 9	7 30	7 40	27 45	5 42	2 3
F 5	5 53	18 37	2 19	7 9	0 22	13 46	7 30	22 35	2 42	0 50	1 6	19 54	0 14	15 8	0 26	19 1	1 36	15 10	17 9	7 30	7 39	27 45	5 44	2 3
S 6	6 15	23 18	3 24	8 6	0 12	13 25	7 23	22 29	2 40	0 55	1 6	19 53	0 14	15 7	0 26	19 2	1 36	15 11	17 9	7 30	7 38	27 44	5 45	2 3
S 7	6 38	26 40	4 17	9 3	0 1	13 3	7 15	22 23	2 39	1 1	1 6	19 52	0 14	15 7	0 26	19 2	1 36	15 11	17 9	7 30	7 36	27 43	5 46	2 3
M 8	7 1	28 21	4 54	9 59	0n10	12 41	7 7	22 18	2 37	1 7	1 6	19 51	0 15	15 6	0 26	19 2	1 36	15 12	17 9	7 30	7 35	27 43	5 48	2 3
T 9	7 23	28 11	5 14	10 55	0 21	12 17	6 57	22 12	2 35	1 12	1 6	19 51	0 15	15 5	0 26	19 3	1 36	15 12	17 9	7 30	7 34	27 42	5 49	2 2
W10	7 45	26 10	5 15	11 49	0 32	11 54	6 47	22 6	2 33	1 18	1 6	19 50	0 15	15 5	0 26	19 3	1 36	15 13	17 8	7 30	7 33	27 41	5 51	2 2
T 11	8 7	22 31	4 56	12 42	0 43	11 30	6 37	22 0	2 32	1 24	1 6	19 50	0 15	15 4	0 26	19 4	1 36	15 13	17 8	7 30	7 31	27 40	5 52	2 2
F 12	8 29	17 35	4 20	13 34	0 54	11 6	6 26	21 54	2 30	1 29	1 6	19 49	0 15	15 3	0 26	19 4	1 35	15 13	17 8	7 30	7 30	27 40	5 53	2 2
S 13	8 51	11 46	3 28	14 24	1 5	10 42	6 14	21 48	2 28	1 35	1 6	19 48	0 15	15 3	0 26	19 4	1 35	15 14	17 8	7 30	7 29	27 39	5 55	2 2
S 14	9 13	5 26	2 25	15 13	1 16	10 18	6 1	21 41	2 27	1 40	1 6	19 48	0 15	15 2	0 26	19 5	1 35	15 14	17 8	7 30	7 28	27 38	5 56	2 2
M15	9 35	1s 3	1 15	15 59	1 26	9 54	5 49	21 35	2 25	1 46	1 6	19 47	0 15	15 1	0 26	19 5	1 35	15 15	17 8	7 31	7 27	27 37	5 58	2 2
T 16	9 56	7 24	0 1	16 43	1 36	9 31	5 35	21 28	2 23	1 52	1 6	19 47	0 15	15 0	0 26	19 6	1 35	15 15	17 7	7 31	7 25	27 36	5 59	2 2
W17	10 17	13 19	1s11	17 25	1 46	9 8	5 22	21 22	2 22	1 57	1 6	19 46	0 15	15 0	0 26	19 6	1 35	15 16	17 7	7 30	7 24	27 36	6 0	2 2
T 18	10 38	18 33	2 18	18 5	1 55	8 46	5 8	21 15	2 20	2 3	1 6	19 46	0 16	14 59	0 26	19 6	1 35	15 16	17 7	7 30	7 23	27 35	6 2	2 2
F 19	10 59	22 51	3 17	18 42	2 3	8 24	4 54	21 8	2 19	2 8	1 6	19 45	0 16	14 58	0 26	19 7	1 35	15 16	17 7	7 30	7 22	27 34	6 3	2 2
S 20	11 20	26 1	4 5	19 17	2 11	8 4	4 40	21 1	2 17	2 13	1 7	19 45	0 16	14 57	0 26	19 7	1 35	15 17	17 7	7 29	7 21	27 33	6 4	2 2
S 21	11 41	27 56	4 42	19 49	2 18	7 44	4 26	20 54	2 16	2 19	1 7	19 44	0 16	14 57	0 26	19 8	1 35	15 17	17 6	7 29	7 19	27 32	6 6	2 2
M22	12 1	28 30	5 5	20 18	2 24	7 25	4 12	20 47	2 14	2 24	1 7	19 44	0 16	14 56	0 26	19 8	1 35	15 17	17 6	7 28	7 18	27 32	6 7	2 2
T 23	12 21	27 43	5 15	20 45	2 29	7 7	3 58	20 39	2 13	2 30	1 7	19 44	0 16	14 55	0 26	19 8	1 35	15 18	17 6	7 28	7 17	27 31	6 8	2 2
W24	12 41	25 42	5 12	21 10	2 34	6 50	3 44	20 32	2 11	2 35	1 7	19 43	0 16	14 54	0 26	19 9	1 35	15 18	17 6	7 27	7 16	27 30	6 10	2 2
T 25	13 1	22 32	4 55	21 32	2 37	6 34	3 30	20 24	2 10	2 41	1 7	19 43	0 16	14 54	0 26	19 9	1 35	15 18	17 5	7 27	7 15	27 29	6 11	2 2
F 26	13 20	18 24	4 25	21 51	2 40	6 19	3 16	20 17	2 8	2 46	1 7	19 43	0 16	14 53	0 26	19 10	1 35	15 18	17 5	7 28	7 13	27 28	6 12	2 2
S 27	13 40	13 27	3 43	22 8	2 41	6 5	3 2	20 9	2 7	2 51	1 7	19 42	0 17	14 52	0 26	19 10	1 35	15 19	17 5	7 28	7 12	27 27	6 14	2 2
S 28	13 59	7 51	2 49	22 22	2 42	5 53	2 49	20 1	2 5	2 57	1 7	19 42	0 17	14 51	0 26	19 11	1 35	15 19	17 4	7 29	7 11	27 26	6 15	2 2
M29	14 18	1 48	1 46	22 34	2 42	5 41	2 35	19 53	2 4	3 2	1 7	19 42	0 17	14 51	0 26	19 11	1 35	15 19	17 4	7 29	7 10	27 25	6 16	2 2
T 30	14n36	4n30	0s35	22n44	2n40	5n31	2n22	19n45	2n 2	3n 7	1s 7	19s42	0s17	14s50	0n26	19n11	1s35	15n19	17n 4	7n30	7n 9	27s25	6n18	2n 2

Julian Day Number = 2351558.5, Delta T = 10.74 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'07, Lahiri = 20°02'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

MAY 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 34 24	10♉14'44	26♈18	0♊26	8♈31	10♌21	10♈41	3♒26	11°R13	2♊47	0°R43	19°R 6	18♈ 8	17♋46	11♈14	W 1
T 2	14 38 21	11°12'51	10♉13	1° 5	8°39	10°46	10°55	3°28	11♏11	2°49	0♎42	19♈ 5	18° 5	17°53	11°17	T 2
F 3	14 42 17	12°10'57	24°26	1°39	8°50	11°12	11° 8	3°29	11° 8	2°51	0°41	19° 3	18° 2	17°59	11°20	F 3
S 4	14 46 14	13° 9'01	8♊52	2° 8	9° 3	11°38	11°22	3°30	11° 6	2°53	0°39	19° 0	17°58	18° 6	11°24	S 4
S 5	14 50 10	14° 7'04	23°25	2°31	9°18	12° 4	11°35	3°31	11° 3	2°55	0°38	18°57	17°55	18°13	11°27	S 5
M 6	14 54 7	15° 5'04	8♋ 0	2°50	9°34	12°30	11°48	3°31	11° 1	2°57	0°37	18°53	17°52	18°20	11°30	M 6
T 7	14 58 4	16° 3'03	22°29	3° 3	9°53	12°56	12° 2	3°32	10°58	3° 0	0°36	18°51	17°49	18°26	11°33	T 7
W 8	15 2 0	17° 1'00	6♌49	3°11	10°14	13°23	12°15	3°33	10°56	3° 2	0°35	18°49	17°46	18°33	11°36	W 8
T 9	15 5 57	17°58'55	20°57	3°R14	10°36	13°50	12°28	3°33	10°53	3° 4	0°34	18°D49	17°42	18°40	11°40	T 9
F 10	15 9 53	18°56'48	4♍51	3°12	11° 0	14°17	12°41	3°34	10°51	3° 6	0°33	18°49	17°39	18°47	11°43	F 10
S 11	15 13 50	19°54'39	18°31	3° 5	11°26	14°44	12°54	3°34	10°48	3° 8	0°32	18°51	17°36	18°53	11°46	S 11
S 12	15 17 46	20°52'28	1♎56	2°54	11°53	15°12	13° 7	3°34	10°46	3°11	0°31	18°52	17°33	19° 0	11°49	S 12
M13	15 21 43	21°50'16	15° 9	2°39	12°22	15°39	13°20	3°34	10°43	3°13	0°30	18°R53	17°30	19° 7	11°52	M13
T 14	15 25 39	22°48'02	28° 9	2°19	12°52	16° 7	13°33	3°R34	10°41	3°15	0°30	18°53	17°27	19°13	11°55	T 14
W15	15 29 36	23°45'47	10♏56	1°56	13°24	16°35	13°45	3°34	10°38	3°17	0°29	18°51	17°23	19°20	11°58	W15
T 16	15 33 33	24°43'30	23°32	1°30	13°57	17° 4	13°58	3°34	10°36	3°19	0°28	18°47	17°20	19°27	12° 1	T 16
F 17	15 37 29	25°41'12	5♐58	1° 1	14°31	17°32	14°11	3°34	10°34	3°22	0°27	18°42	17°17	19°34	12° 4	F 17
S 18	15 41 26	26°38'53	18°13	0°30	15° 7	18° 1	14°23	3°33	10°31	3°24	0°26	18°36	17°14	19°40	12° 6	S 18
S 19	15 45 22	27°36'32	0♑18	29♉57	15°44	18°29	14°36	3°33	10°29	3°26	0°26	18°29	17°11	19°47	12° 9	S 19
M20	15 49 19	28°34'10	12°17	29°23	16°22	18°58	14°48	3°32	10°26	3°28	0°25	18°22	17° 8	19°54	12°12	M20
T 21	15 53 15	29°31'47	24°11	28°49	17° 1	19°27	15° 0	3°32	10°24	3°31	0°24	18°16	17° 4	20° 1	12°15	T 21
W22	15 57 12	0♊29'24	6♒ 3	28°15	17°41	19°57	15°12	3°31	10°22	3°33	0°24	18°11	17° 1	20° 7	12°18	W22
T 23	16 1 9	1°26'59	17°58	27°42	18°23	20°26	15°25	3°30	10°19	3°35	0°23	18° 8	16°58	20°14	12°20	T 23
F 24	16 5 5	2°24'33	29°59	27°10	19° 5	20°56	15°37	3°29	10°17	3°37	0°22	18°D 7	16°55	20°21	12°23	F 24
S 25	16 9 2	3°22'06	12♓12	26°39	19°48	21°26	15°49	3°28	10°15	3°40	0°22	18° 8	16°52	20°27	12°25	S 25
S 26	16 12 58	4°19'39	24°41	26°12	20°32	21°56	16° 1	3°27	10°13	3°42	0°21	18° 9	16°48	20°34	12°28	S 26
M27	16 16 55	5°17'10	7♈31	25°46	21°18	22°26	16°12	3°26	10°10	3°44	0°21	18°10	16°45	20°41	12°31	M27
T 28	16 20 51	6°14'41	20°45	25°24	22° 3	22°56	16°24	3°24	10° 8	3°46	0°20	18°R10	16°42	20°48	12°33	T 28
W29	16 24 48	7°12'11	4♉26	25° 6	22°50	23°26	16°36	3°23	10° 6	3°49	0°20	18° 9	16°39	20°54	12°36	W29
T 30	16 28 44	8° 9'40	18°33	24°51	23°38	23°57	16°47	3°21	10° 4	3°51	0°20	18° 6	16°36	21° 1	12°38	T 30
F 31	16 32 41	9♊ 7'08	3♊ 4	24♉41	24♈26	24♌28	16♈59	3♒20	10♏ 2	3♊53	0♎19	18♈ 1	16♈33	21♋ 8	12♈40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n55	10n47	0n40	22n51	2n38	5n22	2n 9	19n37	2n 1	3n12	1s 7	19s42	0s17	14s49	0n26	19n12	1s35	15n20	17n 3	7n30	7n 7	27s24	6n19	2n 2
T 2	15 13	16 42	1 54	22 55	2 34	5 13	1 57	19 29	2 0	3 17	1 7	19 41	0 17	14 48	0 26	19 12	1 35	15 20	17 3	7 29	7 6	27 23	6 20	2 2
F 3	15 31	21 51	3 2	22 58	2 29	5 6	1 44	19 20	1 58	3 23	1 8	19 41	0 17	14 47	0 26	19 13	1 35	15 20	17 3	7 28	7 5	27 22	6 22	2 2
S 4	15 49	25 46	4 0	22 58	2 24	5 0	1 32	19 12	1 57	3 28	1 8	19 41	0 17	14 47	0 26	19 13	1 35	15 20	17 2	7 27	7 4	27 21	6 23	2 2
S 5	16 6	28 1	4 43	22 56	2 17	4 55	1 21	19 3	1 55	3 33	1 8	19 41	0 17	14 46	0 26	19 14	1 35	15 20	17 2	7 26	7 2	27 20	6 24	2 2
M 6	16 23	28 21	5 8	22 51	2 9	4 52	1 9	18 54	1 54	3 38	1 8	19 41	0 18	14 45	0 25	19 14	1 35	15 20	17 2	7 25	7 1	27 19	6 25	2 2
T 7	16 40	26 44	5 13	22 45	1 59	4 49	0 58	18 46	1 53	3 43	1 8	19 41	0 18	14 44	0 25	19 14	1 35	15 20	17 1	7 24	7 0	27 18	6 27	2 2
W 8	16 57	23 24	4 58	22 37	1 49	4 47	0 47	18 37	1 51	3 48	1 8	19 41	0 18	14 44	0 25	19 15	1 35	15 20	17 1	7 23	6 59	27 17	6 28	2 2
T 9	17 13	18 43	4 25	22 26	1 38	4 46	0 37	18 28	1 50	3 53	1 8	19 41	0 18	14 43	0 25	19 15	1 35	15 20	17 1	7 23	6 58	27 16	6 29	2 2
F 10	17 29	13 7	3 38	22 13	1 25	4 46	0 26	18 18	1 49	3 58	1 8	19 41	0 18	14 42	0 25	19 16	1 35	15 20	17 0	7 23	6 56	27 15	6 30	2 2
S 11	17 45	6 59	2 38	21 59	1 12	4 47	0 16	18 9	1 48	4 3	1 8	19 41	0 18	14 41	0 25	19 16	1 35	15 20	17 0	7 24	6 55	27 14	6 31	2 2
S 12	18 0	0 37	1 31	21 43	0 58	4 49	0 7	18 0	1 46	4 8	1 9	19 41	0 18	14 40	0 25	19 17	1 35	15 20	16 59	7 24	6 54	27 13	6 33	2 2
M13	18 15	5s40	0 20	21 25	0 42	4 51	0s 3	17 50	1 45	4 13	1 9	19 41	0 18	14 40	0 25	19 17	1 35	15 20	16 59	7 25	6 53	27 12	6 34	2 2
T 14	18 30	11 37	0s50	21 5	0 27	4 55	0 12	17 41	1 44	4 18	1 9	19 41	0 18	14 39	0 25	19 17	1 35	15 20	16 59	7 24	6 52	27 11	6 35	2 2
W15	18 45	16 59	1 57	20 45	0 10	4 59	0 20	17 31	1 42	4 23	1 9	19 41	0 19	14 38	0 25	19 18	1 35	15 20	16 58	7 24	6 50	27 10	6 36	2 2
T 16	18 59	21 33	2 57	20 23	0s 7	5 4	0 29	17 21	1 41	4 27	1 9	19 41	0 19	14 37	0 25	19 18	1 35	15 20	16 58	7 22	6 49	27 9	6 37	2 2
F 17	19 13	25 4	3 48	20 0	0 24	5 10	0 37	17 11	1 40	4 32	1 9	19 42	0 19	14 37	0 25	19 19	1 35	15 20	16 57	7 20	6 48	27 8	6 38	2 2
S 18	19 26	27 23	4 27	19 36	0 42	5 16	0 45	17 1	1 39	4 37	1 9	19 42	0 19	14 36	0 25	19 19	1 35	15 20	16 57	7 18	6 47	27 7	6 40	2 2
S 19	19 39	28 22	4 54	19 12	0 59	5 23	0 53	16 51	1 38	4 42	1 9	19 42	0 19	14 35	0 25	19 20	1 35	15 20	16 57	7 15	6 45	27 6	6 41	2 2
M20	19 52	28 0	5 7	18 48	1 17	5 31	1 0	16 41	1 36	4 46	1 9	19 42	0 19	14 35	0 25	19 20	1 35	15 20	16 56	7 13	6 44	27 5	6 42	2 2
T 21	20 5	26 21	5 7	18 24	1 34	5 40	1 7	16 31	1 35	4 51	1 10	19 42	0 19	14 34	0 25	19 21	1 35	15 20	16 56	7 10	6 43	27 4	6 43	2 2
W22	20 17	23 32	4 54	18 0	1 51	5 49	1 14	16 20	1 34	4 56	1 10	19 43	0 19	14 33	0 25	19 21	1 35	15 20	16 55	7 9	6 42	27 3	6 44	2 2
T 23	20 29	19 44	4 28	17 37	2 7	5 59	1 20	16 10	1 33	5 0	1 10	19 43	0 19	14 32	0 25	19 21	1 35	15 19	16 55	7 8	6 41	27 2	6 45	2 2
F 24	20 41	15 5	3 51	17 15	2 22	6 9	1 27	15 59	1 32	5 5	1 10	19 43	0 20	14 32	0 25	19 22	1 35	15 19	16 54	7 7	6 39	27 1	6 46	2 2
S 25	20 52	9 48	3 2	16 54	2 37	6 20	1 33	15 49	1 31	5 9	1 10	19 44	0 20	14 31	0 25	19 22	1 34	15 19	16 54	7 7	6 38	27 0	6 47	2 2
S 26	21 3	4 0	2 3	16 34	2 50	6 31	1 38	15 38	1 29	5 14	1 10	19 44	0 20	14 30	0 25	19 23	1 34	15 19	16 53	7 8	6 37	26 58	6 48	2 2
M27	21 13	2n 6	0 57	16 16	3 3	6 43	1 44	15 27	1 28	5 18	1 10	19 44	0 20	14 30	0 25	19 23	1 34	15 19	16 53	7 8	6 36	26 57	6 49	2 2
T 28	21 23	8 20	0n14	16 0	3 14	6 55	1 49	15 16	1 27	5 22	1 11	19 45	0 20	14 29	0 25	19 24	1 34	15 18	16 52	7 8	6 34	26 56	6 50	2 2
W29	21 33	14 22	1 26	15 46	3 24	7 7	1 54	15 5	1 26	5 27	1 11	19 45	0 20	14 28	0 25	19 24	1 34	15 18	16 52	7 8	6 33	26 55	6 51	2 2
T 30	21 42	19 52	2 36	15 33	3 34	7 21	1 59	14 54	1 25	5 31	1 11	19 46	0 20	14 28	0 25	19 24	1 34	15 18	16 52	7 7	6 32	26 54	6 52	2 2
F 31	21n51	24n21	3n37	15n23	3s41	7n34	2s 4	14n42	1n24	5n35	1s11	19s46	0s20	14s27	0n25	19n25	1s34	15n18	16n51	7n 5	6n31	26s53	6n53	2n 2

Julian Day Number = 2351588.5, Delta T = 10.75 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'11, Lahiri = 20°02'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

JUNE 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 38	10♊ 4'36	17♊53	24°R34	25♈15	24♌58	17♈10	3°R18	10°R 0	3♊55	0°R19	17°R54	16♈29	21♉14	12♈43	S 1
S 2	16 40 34	11° 2'02	2♋51	24°D32	26° 5	25°29	17°22	3♒16	9♏58	3°58	0♎19	17♈46	16°26	21°21	12°45	S 2
M 3	16 44 31	11°59'28	17°50	24♉35	26°55	26° 0	17°33	3°14	9°56	4° 0	0°18	17°38	16°23	21°28	12°47	M 3
T 4	16 48 27	12°56'52	2♌40	24°42	27°46	26°32	17°44	3°13	9°54	4° 2	0°18	17°31	16°20	21°35	12°49	T 4
W 5	16 52 24	13°54'15	17°15	24°53	28°38	27° 3	17°55	3°11	9°52	4° 4	0°18	17°26	16°17	21°41	12°52	W 5
T 6	16 56 20	14°51'37	1♍30	25° 9	29°30	27°35	18° 6	3° 8	9°50	4° 6	0°18	17°24	16°14	21°48	12°54	T 6
F 7	17 0 17	15°48'58	15°24	25°29	0♉23	28° 6	18°17	3° 6	9°48	4° 9	0°18	17°D23	16°10	21°55	12°56	F 7
S 8	17 4 13	16°46'18	28°56	25°54	1°17	28°38	18°27	3° 4	9°46	4°11	0°17	17°23	16° 7	22° 2	12°58	S 8
S 9	17 8 10	17°43'37	12♎ 9	26°23	2°11	29°10	18°38	3° 1	9°44	4°13	0°17	17°R24	16° 4	22° 8	13° 0	S 9
M10	17 12 7	18°40'55	25° 5	26°57	3° 5	29°42	18°49	2°59	9°42	4°15	0°17	17°24	16° 1	22°15	13° 2	M10
T 11	17 16 3	19°38'12	7♏46	27°34	4° 0	0♍14	18°59	2°56	9°41	4°17	0°D17	17°22	15°58	22°22	13° 4	T 11
W12	17 20 0	20°35'28	20°17	28°16	4°55	0°47	19° 9	2°54	9°39	4°20	0°17	17°18	15°54	22°28	13° 6	W12
T 13	17 23 56	21°32'44	2♐37	29° 2	5°51	1°19	19°19	2°51	9°37	4°22	0°17	17°11	15°51	22°35	13° 7	T 13
F 14	17 27 53	22°29'59	14°49	29°52	6°48	1°52	19°30	2°48	9°36	4°24	0°18	17° 1	15°48	22°42	13° 9	F 14
S 15	17 31 49	23°27'13	26°54	0♊46	7°45	2°24	19°40	2°46	9°34	4°26	0°18	16°50	15°45	22°49	13°11	S 15
S 16	17 35 46	24°24'27	8♑54	1°44	8°42	2°57	19°49	2°43	9°32	4°28	0°18	16°38	15°42	22°55	13°13	S 16
M17	17 39 42	25°21'41	20°49	2°45	9°39	3°30	19°59	2°40	9°31	4°30	0°18	16°26	15°39	23° 2	13°14	M17
T 18	17 43 39	26°18'54	2♒41	3°51	10°38	4° 3	20° 9	2°37	9°29	4°32	0°18	16°15	15°35	23° 9	13°16	T 18
W19	17 47 36	27°16'07	14°33	5° 0	11°36	4°36	20°18	2°33	9°28	4°35	0°19	16° 6	15°32	23°16	13°17	W19
T 20	17 51 32	28°13'20	26°27	6°12	12°35	5° 9	20°28	2°30	9°27	4°37	0°19	15°59	15°29	23°22	13°19	T 20
F 21	17 55 29	29°10'32	8♓27	7°29	13°34	5°42	20°37	2°27	9°25	4°39	0°19	15°55	15°26	23°29	13°20	F 21
S 22	17 59 25	0♋ 7'45	20°38	8°48	14°34	6°16	20°46	2°24	9°24	4°41	0°20	15°53	15°23	23°36	13°22	S 22
S 23	18 3 22	1° 4'57	3♈ 4	10°12	15°34	6°49	20°55	2°20	9°23	4°43	0°20	15°D53	15°20	23°42	13°23	S 23
M24	18 7 18	2° 2'10	15°50	11°38	16°34	7°23	21° 4	2°17	9°21	4°45	0°20	15°R53	15°16	23°49	13°24	M24
T 25	18 11 15	2°59'22	29° 1	13° 9	17°34	7°57	21°13	2°13	9°20	4°47	0°21	15°53	15°13	23°56	13°25	T 25
W26	18 15 11	3°56'35	12♉40	14°42	18°35	8°30	21°21	2°10	9°19	4°49	0°21	15°50	15°10	24° 3	13°27	W26
T 27	18 19 8	4°53'48	26°48	16°19	19°36	9° 4	21°30	2° 6	9°18	4°51	0°22	15°46	15° 7	24° 9	13°28	T 27
F 28	18 23 5	5°51'01	11♊24	17°59	20°38	9°38	21°38	2° 2	9°17	4°53	0°22	15°39	15° 4	24°16	13°29	F 28
S 29	18 27 1	6°48'14	26°22	19°43	21°40	10°13	21°46	1°58	9°16	4°55	0°23	15°29	15° 0	24°23	13°30	S 29
S 30	18 30 58	7♋45'27	11♋35	21♊29	22♉42	10♍47	21♈55	1♒55	9♏15	4♊57	0♎24	15♈19	14♈57	24♉29	13♈31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	27n19	4n25	15n15	3s48	7n48	2s 8	14n31	1n23	5n39	1s11	19s47	0s20	14s26	0n25	19n25	1s34	15n17	16n51	7n 2	6n30	26s52	6n54	2n 2
S 2	22 8	28 22	4 55	15 10	3 53	8 2	2 12	14 20	1 22	5 44	1 11	19 47	0 21	14 26	0 25	19 26	1 34	15 17	16 50	6 59	6 28	26 50	6 55	2 2
M 3	22 16	27 20	5 5	15 6	3 58	8 16	2 16	14 8	1 21	5 48	1 12	19 48	0 21	14 25	0 25	19 26	1 34	15 17	16 50	6 56	6 27	26 49	6 56	2 2
T 4	22 23	24 23	4 55	15 5	4 1	8 31	2 20	13 56	1 19	5 52	1 12	19 48	0 21	14 24	0 25	19 26	1 34	15 16	16 49	6 53	6 26	26 48	6 57	2 2
W 5	22 30	19 54	4 25	15 5	4 3	8 46	2 24	13 44	1 18	5 56	1 12	19 49	0 21	14 24	0 25	19 27	1 34	15 16	16 49	6 51	6 25	26 47	6 57	2 2
T 6	22 37	14 23	3 40	15 8	4 4	9 1	2 27	13 33	1 17	6 0	1 12	19 50	0 21	14 23	0 25	19 27	1 34	15 15	16 48	6 50	6 23	26 46	6 58	2 2
F 7	22 43	8 16	2 42	15 13	4 3	9 17	2 30	13 21	1 16	6 4	1 12	19 50	0 21	14 23	0 25	19 28	1 34	15 15	16 48	6 50	6 22	26 45	6 59	2 2
S 8	22 49	1 55	1 37	15 20	4 2	9 33	2 33	13 9	1 15	6 8	1 12	19 51	0 21	14 22	0 25	19 28	1 34	15 15	16 47	6 50	6 21	26 43	7 0	2 2
S 9	22 55	4s23	0 28	15 29	4 0	9 49	2 36	12 56	1 14	6 12	1 13	19 52	0 21	14 22	0 25	19 28	1 35	15 14	16 47	6 51	6 20	26 42	7 1	2 2
M10	23 0	10 21	0s41	15 40	3 57	10 5	2 38	12 44	1 13	6 16	1 13	19 52	0 21	14 21	0 25	19 29	1 35	15 14	16 46	6 50	6 19	26 41	7 2	2 2
T 11	23 4	15 48	1 46	15 52	3 53	10 21	2 41	12 32	1 12	6 19	1 13	19 53	0 22	14 21	0 25	19 29	1 35	15 13	16 46	6 50	6 17	26 40	7 2	2 2
W12	23 9	20 30	2 46	16 6	3 48	10 37	2 43	12 19	1 11	6 23	1 13	19 54	0 22	14 20	0 25	19 30	1 35	15 13	16 45	6 48	6 16	26 38	7 3	2 2
T 13	23 12	24 15	3 36	16 21	3 42	10 54	2 45	12 7	1 10	6 27	1 13	19 54	0 22	14 19	0 25	19 30	1 35	15 12	16 45	6 45	6 15	26 37	7 4	2 2
F 14	23 16	26 51	4 16	16 38	3 36	11 11	2 47	11 54	1 9	6 30	1 13	19 55	0 22	14 19	0 25	19 30	1 35	15 12	16 44	6 42	6 14	26 36	7 5	2 2
S 15	23 19	28 10	4 44	16 56	3 29	11 27	2 49	11 42	1 8	6 34	1 14	19 56	0 22	14 19	0 25	19 31	1 35	15 11	16 44	6 38	6 12	26 35	7 5	2 2
S 16	23 22	28 9	4 59	17 15	3 21	11 44	2 50	11 29	1 7	6 38	1 14	19 57	0 22	14 18	0 25	19 31	1 35	15 11	16 43	6 33	6 11	26 33	7 6	2 2
M17	23 24	26 49	5 1	17 35	3 13	12 1	2 52	11 16	1 6	6 41	1 14	19 57	0 22	14 18	0 25	19 32	1 35	15 10	16 43	6 28	6 10	26 32	7 7	2 2
T 18	23 26	24 17	4 49	17 56	3 4	12 18	2 53	11 3	1 5	6 44	1 14	19 58	0 22	14 17	0 25	19 32	1 35	15 10	16 42	6 24	6 9	26 31	7 7	2 2
W19	23 27	20 44	4 26	18 18	2 55	12 35	2 54	10 50	1 4	6 48	1 14	19 59	0 22	14 17	0 25	19 32	1 35	15 9	16 42	6 20	6 8	26 30	7 8	2 2
T 20	23 28	16 20	3 50	18 40	2 45	12 52	2 55	10 37	1 3	6 51	1 15	20 0	0 23	14 16	0 25	19 33	1 35	15 9	16 41	6 18	6 6	26 28	7 9	2 2
F 21	23 28	11 16	3 4	19 3	2 35	13 9	2 55	10 24	1 2	6 55	1 15	20 1	0 23	14 16	0 25	19 33	1 35	15 8	16 41	6 16	6 5	26 27	7 9	2 2
S 22	23 29	5 42	2 10	19 26	2 24	13 26	2 56	10 11	1 1	6 58	1 15	20 2	0 23	14 15	0 25	19 33	1 35	15 7	16 40	6 16	6 4	26 26	7 10	2 2
S 23	23 28	0n11	1 7	19 49	2 13	13 43	2 56	9 57	1 0	7 1	1 15	20 2	0 23	14 15	0 25	19 34	1 35	15 7	16 40	6 16	6 3	26 24	7 10	2 3
M24	23 28	6 14	0 0	20 13	2 1	13 59	2 57	9 44	0 59	7 4	1 15	20 3	0 23	14 15	0 25	19 34	1 35	15 6	16 39	6 16	6 1	26 23	7 11	2 3
T 25	23 27	12 13	1n 9	20 36	1 50	14 16	2 57	9 30	0 58	7 7	1 16	20 4	0 23	14 14	0 24	19 34	1 35	15 6	16 38	6 15	6 0	26 22	7 11	2 3
W26	23 25	17 50	2 17	20 59	1 38	14 33	2 57	9 17	0 58	7 10	1 16	20 5	0 23	14 14	0 24	19 35	1 35	15 5	16 38	6 15	5 59	26 20	7 12	2 3
T 27	23 23	22 41	3 18	21 21	1 26	14 49	2 57	9 3	0 57	7 13	1 16	20 6	0 23	14 14	0 24	19 35	1 35	15 4	16 37	6 13	5 58	26 19	7 12	2 3
F 28	23 21	26 18	4 9	21 43	1 13	15 6	2 57	8 50	0 56	7 16	1 16	20 7	0 23	14 13	0 24	19 35	1 35	15 4	16 37	6 10	5 57	26 18	7 13	2 3
S 29	23 18	28 10	4 44	22 4	1 1	15 22	2 56	8 36	0 55	7 19	1 16	20 8	0 24	14 13	0 24	19 36	1 35	15 3	16 36	6 6	5 55	26 16	7 13	2 3
S 30	23n15	27n57	5n 0	22n23	0s49	15n38	2s56	8n22	0n54	7n22	1s17	20s 9	0s24	14s13	0n24	19n36	1s35	15n 2	16n36	6n 2	5n54	26s15	7n14	2n 3

Julian Day Number = 2351619.5, Delta T = 10.76 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'16, Lahiri = 20°02'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

JULY 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 34 54	8♋42'40	26♋51	23♊19	23♉44	11♍21	22♈ 3	1°R51	9°R14	4♊59	0♎24	15°R 8	14♈54	24♑36	13♈32	M 1
T 2	18 38 51	9°39'53	11♌59	25°11	24°46	11°56	22°10	1♒47	9♏13	5° 1	0°25	14♈59	14°51	24°43	13°33	T 2
W 3	18 42 47	10°37'06	26°50	27° 6	25°49	12°30	22°18	1°43	9°13	5° 3	0°26	14°52	14°48	24°50	13°33	W 3
T 4	18 46 44	11°34'18	11♍17	29° 4	26°52	13° 5	22°26	1°39	9°12	5° 5	0°26	14°47	14°45	24°56	13°34	T 4
F 5	18 50 41	12°31'31	25°17	1♋ 4	27°55	13°40	22°33	1°35	9°11	5° 7	0°27	14°45	14°41	25° 3	13°35	F 5
S 6	18 54 37	13°28'43	8♎52	3° 6	28°59	14°14	22°40	1°31	9°10	5° 8	0°28	14°45	14°38	25°10	13°35	S 6
S 7	18 58 34	14°25'55	22° 1	5°10	0♊ 2	14°49	22°47	1°27	9°10	5°10	0°29	14°44	14°35	25°17	13°36	S 7
M 8	19 2 30	15°23'07	4♏51	7°15	1° 6	15°24	22°54	1°23	9° 9	5°12	0°30	14°44	14°32	25°23	13°37	M 8
T 9	19 6 27	16°20'19	17°23	9°22	2°10	15°59	23° 1	1°18	9° 9	5°14	0°31	14°41	14°29	25°30	13°37	T 9
W10	19 10 23	17°17'31	29°43	11°30	3°15	16°35	23° 8	1°14	9° 8	5°16	0°32	14°36	14°26	25°37	13°38	W10
T 11	19 14 20	18°14'43	11♐52	13°38	4°19	17°10	23°14	1°10	9° 8	5°17	0°32	14°28	14°22	25°43	13°38	T 11
F 12	19 18 16	19°11'56	23°55	15°47	5°24	17°45	23°20	1° 6	9° 8	5°19	0°33	14°18	14°19	25°50	13°38	F 12
S 13	19 22 13	20° 9'09	5♑52	17°56	6°29	18°21	23°26	1° 1	9° 7	5°21	0°35	14° 5	14°16	25°57	13°39	S 13
S 14	19 26 10	21° 6'22	17°47	20° 4	7°34	18°56	23°32	0°57	9° 7	5°23	0°36	13°52	14°13	26° 4	13°39	S 14
M15	19 30 6	22° 3'35	29°40	22°12	8°39	19°32	23°38	0°53	9° 7	5°24	0°37	13°38	14°10	26°10	13°39	M15
T 16	19 34 3	23° 0'49	11♒32	24°20	9°45	20° 8	23°44	0°48	9° 7	5°26	0°38	13°26	14° 6	26°17	13°39	T 16
W17	19 37 59	23°58'03	23°25	26°27	10°51	20°43	23°49	0°44	9° 7	5°28	0°39	13°15	14° 3	26°24	13°39	W17
T 18	19 41 56	24°55'19	5♓22	28°32	11°56	21°19	23°55	0°39	9°D 7	5°29	0°40	13° 7	14° 0	26°30	13°R39	T 18
F 19	19 45 52	25°52'34	17°26	0♌37	13° 2	21°55	24° 0	0°35	9° 7	5°31	0°41	13° 3	13°57	26°37	13°39	F 19
S 20	19 49 49	26°49'51	29°38	2°40	14° 9	22°31	24° 5	0°31	9° 7	5°32	0°43	13° 0	13°54	26°44	13°39	S 20
S 21	19 53 45	27°47'08	12♈ 5	4°41	15°15	23° 8	24°10	0°26	9° 7	5°34	0°44	12°D59	13°51	26°51	13°39	S 21
M22	19 57 42	28°44'27	24°49	6°42	16°21	23°44	24°14	0°22	9° 7	5°35	0°45	13°R 0	13°47	26°57	13°39	M22
T 23	20 1 39	29°41'46	7♉55	8°40	17°28	24°20	24°19	0°17	9° 7	5°37	0°46	12°59	13°44	27° 4	13°38	T 23
W24	20 5 35	0♌39'06	21°28	10°37	18°35	24°56	24°23	0°13	9° 8	5°38	0°48	12°58	13°41	27°11	13°38	W24
T 25	20 9 32	1°36'28	5♊29	12°33	19°42	25°33	24°27	0° 8	9° 8	5°40	0°49	12°54	13°38	27°18	13°38	T 25
F 26	20 13 28	2°33'51	19°58	14°27	20°49	26°10	24°31	0° 4	9° 8	5°41	0°50	12°48	13°35	27°24	13°37	F 26
S 27	20 17 25	3°31'14	4♋51	16°19	21°56	26°46	24°35	29♑59	9° 9	5°43	0°52	12°40	13°32	27°31	13°37	S 27
S 28	20 21 21	4°28'39	20° 2	18°10	23° 4	27°23	24°39	29°55	9° 9	5°44	0°53	12°30	13°28	27°38	13°36	S 28
M29	20 25 18	5°26'05	5♌20	19°58	24°11	28° 0	24°42	29°51	9°10	5°45	0°55	12°21	13°25	27°44	13°36	M29
T 30	20 29 14	6°23'31	20°34	21°46	25°19	28°37	24°45	29°46	9°10	5°47	0°56	12°12	13°22	27°51	13°35	T 30
W31	20 33 11	7♌20'58	5♍34	23♌31	26♊27	29♍14	24♈48	29♑42	9♏11	5♊48	0♎58	12♈ 6	13♈19	27♑58	13♈34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	23n11	25n38	4n54	22n42	0s37	15n54	2s55	8n 8	0n53	7n25	1s17	20s10	0s24	14s13	0n24	19n36	1s35	15n 1	16n35	5n58	5n53	26s13	7n14	2n 3
T 2	23 7	21 31	4 28	22 59	0 25	16 10	2 54	7 54	0 52	7 27	1 17	20 11	0 24	14 12	0 24	19 37	1 35	15 1	16 35	5 55	5 52	26 12	7 14	2 3
W 3	23 3	16 6	3 44	23 14	0 13	16 26	2 54	7 40	0 51	7 30	1 17	20 12	0 24	14 12	0 24	19 37	1 35	15 0	16 34	5 52	5 50	26 11	7 15	2 3
T 4	22 58	9 55	2 47	23 27	0 1	16 41	2 53	7 26	0 50	7 33	1 18	20 13	0 24	14 12	0 24	19 37	1 35	14 59	16 34	5 50	5 49	26 9	7 15	2 3
F 5	22 53	3 25	1 41	23 39	0n10	16 56	2 52	7 12	0 49	7 35	1 18	20 14	0 24	14 12	0 24	19 38	1 35	14 58	16 33	5 49	5 48	26 8	7 15	2 3
S 6	22 48	3s 3	0 31	23 48	0 21	17 11	2 50	6 57	0 48	7 38	1 18	20 15	0 24	14 12	0 24	19 38	1 35	14 58	16 33	5 49	5 47	26 6	7 16	2 3
S 7	22 42	9 11	0s38	23 54	0 32	17 26	2 49	6 43	0 47	7 40	1 18	20 16	0 24	14 11	0 24	19 38	1 35	14 57	16 33	5 49	5 45	26 5	7 16	2 3
M 8	22 35	14 47	1 44	23 58	0 42	17 41	2 48	6 29	0 47	7 42	1 18	20 17	0 24	14 11	0 24	19 39	1 35	14 56	16 32	5 49	5 44	26 4	7 16	2 3
T 9	22 29	19 39	2 43	24 0	0 51	17 55	2 46	6 14	0 46	7 45	1 19	20 18	0 25	14 11	0 24	19 39	1 35	14 55	16 32	5 48	5 43	26 2	7 16	2 3
W10	22 21	23 36	3 33	23 58	1 0	18 9	2 45	6 0	0 45	7 47	1 19	20 19	0 25	14 11	0 24	19 39	1 35	14 55	16 31	5 46	5 42	26 1	7 17	2 3
T 11	22 14	26 26	4 13	23 54	1 8	18 22	2 43	5 45	0 44	7 49	1 19	20 20	0 25	14 11	0 24	19 39	1 35	14 54	16 31	5 43	5 41	25 59	7 17	2 3
F 12	22 6	28 1	4 41	23 47	1 15	18 35	2 41	5 31	0 43	7 51	1 19	20 21	0 25	14 11	0 24	19 40	1 35	14 53	16 30	5 39	5 39	25 58	7 17	2 3
S 13	21 58	28 17	4 57	23 38	1 22	18 48	2 39	5 16	0 42	7 53	1 20	20 22	0 25	14 11	0 24	19 40	1 35	14 52	16 30	5 34	5 38	25 56	7 17	2 3
S 14	21 49	27 14	4 59	23 25	1 28	19 1	2 38	5 1	0 41	7 55	1 20	20 23	0 25	14 11	0 24	19 40	1 35	14 51	16 29	5 29	5 37	25 55	7 17	2 3
M15	21 40	24 57	4 48	23 10	1 33	19 13	2 36	4 46	0 41	7 57	1 20	20 24	0 25	14 11	0 24	19 41	1 35	14 50	16 29	5 23	5 36	25 53	7 17	2 3
T 16	21 31	21 35	4 25	22 53	1 37	19 25	2 33	4 31	0 40	7 59	1 20	20 25	0 25	14 11	0 24	19 41	1 35	14 49	16 28	5 18	5 34	25 52	7 17	2 3
W17	21 21	17 21	3 50	22 33	1 41	19 37	2 31	4 17	0 39	8 1	1 21	20 26	0 25	14 11	0 24	19 41	1 35	14 49	16 28	5 14	5 33	25 50	7 17	2 4
T 18	21 11	12 25	3 5	22 11	1 44	19 48	2 29	4 2	0 38	8 2	1 21	20 27	0 25	14 11	0 24	19 41	1 35	14 48	16 27	5 11	5 32	25 49	7 17	2 4
F 19	21 0	6 59	2 11	21 46	1 46	19 59	2 27	3 47	0 37	8 4	1 21	20 28	0 25	14 11	0 24	19 42	1 35	14 47	16 27	5 9	5 31	25 47	7 18	2 4
S 20	20 49	1 13	1 10	21 20	1 47	20 9	2 24	3 32	0 36	8 6	1 21	20 29	0 26	14 11	0 24	19 42	1 35	14 46	16 26	5 9	5 29	25 46	7 18	2 4
S 21	20 38	4n42	0 5	20 52	1 48	20 19	2 22	3 17	0 35	8 7	1 22	20 30	0 26	14 11	0 24	19 42	1 35	14 45	16 26	5 8	5 28	25 44	7 17	2 4
M22	20 27	10 35	1n 2	20 22	1 48	20 28	2 19	3 1	0 35	8 9	1 22	20 31	0 26	14 11	0 24	19 42	1 35	14 44	16 26	5 8	5 27	25 43	7 17	2 4
T 23	20 15	16 12	2 8	19 51	1 47	20 37	2 17	2 46	0 34	8 10	1 22	20 33	0 26	14 11	0 24	19 42	1 36	14 43	16 25	5 8	5 26	25 41	7 17	2 4
W24	20 3	21 12	3 9	19 18	1 46	20 46	2 14	2 31	0 33	8 11	1 22	20 34	0 26	14 11	0 24	19 43	1 36	14 42	16 25	5 8	5 24	25 40	7 17	2 4
T 25	19 50	25 12	4 1	18 44	1 44	20 54	2 11	2 16	0 32	8 13	1 23	20 35	0 26	14 11	0 24	19 43	1 36	14 41	16 24	5 6	5 23	25 38	7 17	2 4
F 26	19 37	27 44	4 39	18 9	1 42	21 2	2 8	2 1	0 31	8 14	1 23	20 36	0 26	14 11	0 24	19 43	1 36	14 40	16 24	5 4	5 22	25 37	7 17	2 4
S 27	19 24	28 23	5 0	17 32	1 39	21 9	2 5	1 45	0 31	8 15	1 23	20 37	0 26	14 12	0 24	19 43	1 36	14 40	16 23	5 1	5 21	25 35	7 17	2 4
S 28	19 10	26 55	5 0	16 55	1 35	21 15	2 3	1 30	0 30	8 16	1 23	20 38	0 26	14 12	0 24	19 43	1 36	14 39	16 23	4 57	5 20	25 33	7 17	2 4
M29	18 56	23 28	4 39	16 17	1 31	21 21	2 0	1 14	0 29	8 17	1 24	20 39	0 26	14 12	0 24	19 44	1 36	14 38	16 23	4 53	5 18	25 32	7 17	2 4
T 30	18 42	18 25	3 58	15 38	1 27	21 27	1 57	0 59	0 28	8 18	1 24	20 40	0 26	14 12	0 23	19 44	1 36	14 37	16 22	4 50	5 17	25 30	7 16	2 4
W31	18n28	12n17	3n 1	14n59	1n22	21n32	1s54	0n44	0n27	8n19	1s24	20s41	0s27	14s12	0n23	19n44	1s36	14n36	16n22	4n47	5n16	25s29	7n16	2n 4

Julian Day Number = 2351649.5, Delta T = 10.77 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'20, Lahiri = 20°02'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

AUGUST 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 8	8♌18'26	20♍10	25♌15	27♊35	29♍51	24♈51	29°R37	9♏12	5♊49	0♎59	12°R 1	13♈16	28♉ 5	13°R33	T 1
F 2	20 41 4	9°15'55	4♎20	26°58	28°43	0♎28	24°54	29♉33	9°12	5°50	1° 1	12♈ 0	13°12	28°11	13♈33	F 2
S 3	20 45 1	10°13'24	18° 1	28°39	29°51	1° 5	24°56	29°29	9°13	5°52	1° 3	11°D59	13° 9	28°18	13°32	S 3
S 4	20 48 57	11°10'55	1♏15	0♍18	1♋ 0	1°42	24°58	29°24	9°14	5°53	1° 4	12° 0	13° 6	28°25	13°31	S 4
M 5	20 52 54	12° 8'26	14° 6	1°56	2° 8	2°20	25° 0	29°20	9°15	5°54	1° 6	12°R 0	13° 3	28°31	13°30	M 5
T 6	20 56 50	13° 5'58	26°37	3°32	3°17	2°57	25° 2	29°16	9°16	5°55	1° 8	11°59	13° 0	28°38	13°29	T 6
W 7	21 0 47	14° 3'31	8♐52	5° 6	4°25	3°35	25° 4	29°12	9°17	5°56	1° 9	11°56	12°57	28°45	13°28	W 7
T 8	21 4 43	15° 1'04	20°57	6°39	5°34	4°12	25° 5	29° 7	9°18	5°57	1°11	11°51	12°53	28°52	13°27	T 8
F 9	21 8 40	15°58'39	2♑55	8°10	6°43	4°50	25° 7	29° 3	9°19	5°58	1°13	11°44	12°50	28°58	13°26	F 9
S 10	21 12 37	16°56'15	14°48	9°40	7°52	5°28	25° 8	28°59	9°20	5°59	1°14	11°35	12°47	29° 5	13°24	S 10
S 11	21 16 33	17°53'52	26°41	11° 8	9° 1	6° 6	25° 9	28°55	9°21	6° 0	1°16	11°25	12°44	29°12	13°23	S 11
M12	21 20 30	18°51'30	8♒33	12°34	10°11	6°44	25° 9	28°51	9°23	6° 1	1°18	11°14	12°41	29°18	13°22	M12
T 13	21 24 26	19°49'09	20°29	13°59	11°20	7°22	25°10	28°47	9°24	6° 2	1°20	11° 5	12°38	29°25	13°20	T 13
W14	21 28 23	20°46'49	2♓28	15°22	12°30	8° 0	25°10	28°43	9°25	6° 3	1°22	10°58	12°34	29°32	13°19	W14
T 15	21 32 19	21°44'31	14°32	16°44	13°39	8°38	25°R10	28°39	9°27	6° 4	1°24	10°52	12°31	29°39	13°18	T 15
F 16	21 36 16	22°42'15	26°44	18° 3	14°49	9°16	25°10	28°35	9°28	6° 4	1°25	10°49	12°28	29°45	13°16	F 16
S 17	21 40 12	23°39'59	9♈ 6	19°21	15°59	9°54	25°10	28°31	9°30	6° 5	1°27	10°D48	12°25	29°52	13°15	S 17
S 18	21 44 9	24°37'46	21°39	20°37	17° 9	10°33	25° 9	28°28	9°31	6° 6	1°29	10°49	12°22	29°59	13°13	S 18
M19	21 48 6	25°35'34	4♉29	21°52	18°19	11°11	25° 9	28°24	9°33	6° 7	1°31	10°50	12°18	0♒ 5	13°11	M19
T 20	21 52 2	26°33'24	17°36	23° 4	19°29	11°49	25° 8	28°20	9°34	6° 7	1°33	10°51	12°15	0°12	13°10	T 20
W21	21 55 59	27°31'16	1♊ 5	24°14	20°39	12°28	25° 7	28°17	9°36	6° 8	1°35	10°R51	12°12	0°19	13° 8	W21
T 22	21 59 55	28°29'09	14°58	25°22	21°50	13° 7	25° 5	28°13	9°38	6° 9	1°37	10°50	12° 9	0°26	13° 6	T 22
F 23	22 3 52	29°27'05	29°15	26°28	23° 0	13°45	25° 4	28°10	9°40	6° 9	1°39	10°47	12° 6	0°32	13° 4	F 23
S 24	22 7 48	0♍25'02	13♋53	27°32	24°11	14°24	25° 2	28° 6	9°42	6°10	1°41	10°43	12° 3	0°39	13° 2	S 24
S 25	22 11 45	1°23'01	28°47	28°33	25°22	15° 3	25° 0	28° 3	9°43	6°10	1°43	10°37	11°59	0°46	13° 1	S 25
M26	22 15 41	2°21'02	13♌51	29°32	26°32	15°42	24°58	28° 0	9°45	6°11	1°45	10°31	11°56	0°52	12°59	M26
T 27	22 19 38	3°19'04	28°55	0♎28	27°43	16°21	24°56	27°56	9°47	6°11	1°47	10°26	11°53	0°59	12°57	T 27
W28	22 23 35	4°17'08	13♍50	1°21	28°54	17° 0	24°54	27°53	9°49	6°12	1°49	10°23	11°50	1° 6	12°55	W28
T 29	22 27 31	5°15'14	28°26	2°11	0♌ 5	17°40	24°51	27°50	9°51	6°12	1°52	10°20	11°47	1°13	12°53	T 29
F 30	22 31 28	6°13'21	12♎39	2°58	1°16	18°19	24°48	27°47	9°53	6°12	1°54	10°D20	11°44	1°19	12°50	F 30
S 31	22 35 24	7♍11'30	26♎25	3♎41	2♌28	18♎58	24♈45	27♉44	9♏56	6♊13	1♎56	10♈21	11♈40	1♒26	12♈48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	18n13	5n38	1n53	14n19	1n16	21n37	1s50	0n28	0n27	8n20	1s24	20s42	0s27	14s13	0n23	19n44	1s36	14n35	16n21	4n46	5n15	25s27	7n16	2n 4
F 2	17 58	1s 6	0 41	13 39	1 11	21 41	1 47	0 13	0 26	8 20	1 25	20 43	0 27	14 13	0 23	19 44	1 36	14 34	16 21	4 45	5 13	25 25	7 16	2 4
S 3	17 43	7 34	0s32	12 58	1 4	21 44	1 44	0s 3	0 25	8 21	1 25	20 44	0 27	14 13	0 23	19 45	1 36	14 33	16 21	4 45	5 12	25 24	7 15	2 4
S 4	17 27	13 30	1 41	12 17	0 58	21 47	1 41	0 19	0 24	8 22	1 25	20 45	0 27	14 14	0 23	19 45	1 36	14 32	16 20	4 45	5 11	25 22	7 15	2 4
M 5	17 11	18 41	2 43	11 36	0 51	21 50	1 38	0 34	0 23	8 22	1 25	20 46	0 27	14 14	0 23	19 45	1 36	14 31	16 20	4 45	5 10	25 21	7 15	2 4
T 6	16 55	22 55	3 35	10 55	0 44	21 52	1 35	0 50	0 23	8 23	1 26	20 47	0 27	14 14	0 23	19 45	1 36	14 30	16 20	4 45	5 8	25 19	7 14	2 4
W 7	16 38	26 2	4 16	10 14	0 37	21 53	1 31	1 5	0 22	8 23	1 26	20 48	0 27	14 15	0 23	19 45	1 36	14 29	16 19	4 44	5 7	25 17	7 14	2 4
T 8	16 21	27 54	4 45	9 32	0 29	21 54	1 28	1 21	0 21	8 23	1 26	20 49	0 27	14 15	0 23	19 45	1 36	14 28	16 19	4 42	5 6	25 16	7 13	2 4
F 9	16 4	28 28	5 1	8 51	0 21	21 54	1 25	1 37	0 20	8 24	1 26	20 49	0 27	14 15	0 23	19 45	1 36	14 27	16 19	4 39	5 5	25 14	7 13	2 4
S 10	15 47	27 42	5 4	8 10	0 13	21 54	1 21	1 53	0 19	8 24	1 27	20 50	0 27	14 16	0 23	19 46	1 36	14 26	16 18	4 35	5 3	25 12	7 12	2 4
S 11	15 29	25 40	4 54	7 29	0 5	21 53	1 18	2 8	0 19	8 24	1 27	20 51	0 27	14 16	0 23	19 46	1 36	14 25	16 18	4 31	5 2	25 11	7 12	2 4
M12	15 12	22 31	4 31	6 48	0s 4	21 51	1 14	2 24	0 18	8 24	1 27	20 52	0 27	14 17	0 23	19 46	1 36	14 24	16 18	4 27	5 1	25 9	7 12	2 4
T 13	14 54	18 25	3 57	6 7	0 12	21 49	1 11	2 40	0 17	8 24	1 27	20 53	0 27	14 17	0 23	19 46	1 36	14 23	16 17	4 24	5 0	25 7	7 11	2 4
W14	14 35	13 35	3 11	5 27	0 21	21 46	1 8	2 55	0 16	8 24	1 28	20 54	0 28	14 17	0 23	19 46	1 36	14 22	16 17	4 21	4 58	25 5	7 10	2 4
T 15	14 17	8 12	2 17	4 47	0 30	21 43	1 4	3 11	0 16	8 23	1 28	20 55	0 28	14 18	0 23	19 46	1 37	14 21	16 17	4 19	4 57	25 4	7 10	2 4
F 16	13 58	2 27	1 15	4 7	0 40	21 39	1 1	3 27	0 15	8 23	1 28	20 56	0 28	14 18	0 23	19 46	1 37	14 20	16 16	4 17	4 56	25 2	7 9	2 4
S 17	13 39	3n28	0 9	3 28	0 49	21 34	0 57	3 43	0 14	8 23	1 29	20 57	0 28	14 19	0 23	19 46	1 37	14 19	16 16	4 17	4 55	25 0	7 9	2 4
S 18	13 20	9 21	0n58	2 50	0 58	21 29	0 54	3 58	0 13	8 22	1 29	20 57	0 28	14 19	0 23	19 46	1 37	14 18	16 16	4 17	4 54	24 59	7 8	2 4
M19	13 1	14 59	2 4	2 12	1 8	21 24	0 50	4 14	0 13	8 22	1 29	20 58	0 28	14 20	0 23	19 46	1 37	14 17	16 16	4 18	4 52	24 57	7 8	2 5
T 20	12 41	20 5	3 6	1 34	1 17	21 17	0 47	4 30	0 12	8 21	1 29	20 59	0 28	14 20	0 23	19 47	1 37	14 16	16 15	4 18	4 51	24 55	7 7	2 5
W21	12 21	24 18	3 58	0 58	1 27	21 10	0 43	4 46	0 11	8 21	1 30	21 0	0 28	14 21	0 23	19 47	1 37	14 15	16 15	4 18	4 50	24 53	7 6	2 5
T 22	12 1	27 15	4 39	0 22	1 36	21 3	0 40	5 1	0 10	8 20	1 30	21 1	0 28	14 22	0 23	19 47	1 37	14 14	16 15	4 18	4 49	24 52	7 6	2 5
F 23	11 41	28 32	5 3	0s13	1 46	20 55	0 36	5 17	0 10	8 19	1 30	21 1	0 28	14 22	0 23	19 47	1 37	14 13	16 15	4 17	4 47	24 50	7 5	2 5
S 24	11 21	27 53	5 9	0 47	1 56	20 46	0 33	5 33	0 9	8 18	1 30	21 2	0 28	14 23	0 23	19 47	1 37	14 12	16 14	4 15	4 46	24 48	7 4	2 5
S 25	11 0	25 14	4 54	1 20	2 5	20 37	0 30	5 49	0 8	8 18	1 30	21 3	0 28	14 23	0 23	19 47	1 37	14 11	16 14	4 13	4 45	24 46	7 3	2 5
M26	10 39	20 50	4 19	1 53	2 15	20 27	0 26	6 4	0 8	8 17	1 31	21 3	0 28	14 24	0 23	19 47	1 37	14 10	16 14	4 10	4 44	24 45	7 3	2 5
T 27	10 18	15 5	3 26	2 24	2 24	20 17	0 23	6 20	0 7	8 15	1 31	21 4	0 28	14 25	0 23	19 47	1 37	14 9	16 14	4 8	4 42	24 43	7 2	2 5
W28	9 57	8 31	2 19	2 53	2 34	20 6	0 19	6 36	0 6	8 14	1 31	21 5	0 28	14 25	0 23	19 47	1 37	14 8	16 13	4 7	4 41	24 41	7 1	2 5
T 29	9 36	1 37	1 4	3 22	2 43	19 54	0 16	6 52	0 5	8 13	1 31	21 6	0 28	14 26	0 23	19 47	1 37	14 7	16 13	4 6	4 40	24 39	7 0	2 5
F 30	9 15	5s12	0s13	3 49	2 52	19 42	0 13	7 7	0 5	8 12	1 32	21 6	0 29	14 27	0 23	19 47	1 37	14 6	16 13	4 6	4 39	24 37	6 59	2 5
S 31	8n53	11s34	1s27	4s14	3s 1	19n29	0s 9	7s23	0n 4	8n11	1s32	21s 7	0s29	14s27	0n23	19n47	1s37	14n 5	16n13	4n 6	4n37	24s36	6n59	2n 5

Julian Day Number = 2351680.5, Delta T = 10.78 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'24, Lahiri = 20°02'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

SEPTEMBER 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 21	8♍ 9'40	9♏45	4♎20	3♌39	19♎38	24°R42	27°R41	9♏58	6♊13	1♎58	10♈22	11♈37	1♒33	12°R46	S 1
M 2	22 43 17	9° 7'52	22°41	4°56	4°50	20°17	24♈38	27♉39	10° 0	6°13	2° 0	10°24	11°34	1°39	12♈44	M 2
T 3	22 47 14	10° 6'05	5♐15	5°27	6° 2	20°57	24°35	27°36	10° 2	6°14	2° 2	10°R25	11°31	1°46	12°42	T 3
W 4	22 51 10	11° 4'20	17°32	5°54	7°13	21°36	24°31	27°33	10° 5	6°14	2° 4	10°24	11°28	1°53	12°39	W 4
T 5	22 55 7	12° 2'36	29°36	6°16	8°25	22°16	24°27	27°31	10° 7	6°14	2° 7	10°23	11°24	2° 0	12°37	T 5
F 6	22 59 4	13° 0'54	11♑33	6°33	9°37	22°56	24°23	27°28	10° 9	6°14	2° 9	10°21	11°21	2° 6	12°35	F 6
S 7	23 3 0	13°59'14	23°25	6°45	10°49	23°35	24°18	27°26	10°12	6°14	2°11	10°17	11°18	2°13	12°32	S 7
S 8	23 6 57	14°57'35	5♒18	6°R50	12° 0	24°15	24°14	27°24	10°14	6°14	2°13	10°13	11°15	2°20	12°30	S 8
M 9	23 10 53	15°55'58	17°13	6°50	13°12	24°55	24° 9	27°22	10°17	6°R14	2°16	10° 9	11°12	2°26	12°28	M 9
T 10	23 14 50	16°54'22	29°13	6°43	14°24	25°35	24° 4	27°19	10°19	6°14	2°18	10° 5	11° 9	2°33	12°25	T 10
W11	23 18 46	17°52'48	11♓20	6°30	15°37	26°16	23°59	27°17	10°22	6°14	2°20	10° 2	11° 5	2°40	12°23	W11
T 12	23 22 43	18°51'16	23°37	6° 9	16°49	26°56	23°54	27°15	10°25	6°14	2°22	10° 0	11° 2	2°47	12°20	T 12
F 13	23 26 39	19°49'46	6♈ 3	5°42	18° 1	27°36	23°49	27°14	10°27	6°14	2°25	9°D59	10°59	2°53	12°18	F 13
S 14	23 30 36	20°48'18	18°41	5° 8	19°13	28°16	23°43	27°12	10°30	6°14	2°27	9°59	10°56	3° 0	12°15	S 14
S 15	23 34 33	21°46'52	1♉31	4°28	20°26	28°57	23°37	27°10	10°33	6°14	2°29	10° 0	10°53	3° 7	12°12	S 15
M16	23 38 29	22°45'28	14°35	3°41	21°38	29°37	23°31	27° 9	10°36	6°14	2°31	10° 1	10°49	3°13	12°10	M16
T 17	23 42 26	23°44'07	27°53	2°48	22°51	0♏18	23°26	27° 7	10°38	6°13	2°34	10° 3	10°46	3°20	12° 7	T 17
W18	23 46 22	24°42'47	11♊27	1°50	24° 4	0°58	23°19	27° 6	10°41	6°13	2°36	10° 3	10°43	3°27	12° 5	W18
T 19	23 50 19	25°41'30	25°18	0°48	25°16	1°39	23°13	27° 4	10°44	6°13	2°38	10°R 4	10°40	3°34	12° 2	T 19
F 20	23 54 15	26°40'16	9♋25	29♍44	26°29	2°20	23° 7	27° 3	10°47	6°12	2°41	10° 4	10°37	3°40	11°59	F 20
S 21	23 58 12	27°39'03	23°46	28°38	27°42	3° 1	23° 0	27° 2	10°50	6°12	2°43	10° 3	10°34	3°47	11°56	S 21
S 22	0 2 8	28°37'53	8♌18	27°32	28°55	3°41	22°54	27° 1	10°53	6°12	2°45	10° 1	10°30	3°54	11°54	S 22
M23	0 6 5	29°36'45	22°58	26°28	0♍ 8	4°22	22°47	27° 0	10°56	6°11	2°47	10° 0	10°27	4° 0	11°51	M23
T 24	0 10 2	0♎35'40	7♍38	25°28	1°21	5° 3	22°40	26°59	10°59	6°11	2°50	9°59	10°24	4° 7	11°48	T 24
W25	0 13 58	1°34'36	22°13	24°33	2°34	5°45	22°33	26°59	11° 2	6°10	2°52	9°58	10°21	4°14	11°45	W25
T 26	0 17 55	2°33'34	6♎35	23°45	3°48	6°26	22°26	26°58	11° 5	6°10	2°54	9°D58	10°18	4°21	11°43	T 26
F 27	0 21 51	3°32'35	20°40	23° 5	5° 1	7° 7	22°18	26°58	11° 8	6° 9	2°57	9°58	10°15	4°27	11°40	F 27
S 28	0 25 48	4°31'37	4♏24	22°34	6°14	7°48	22°11	26°57	11°11	6° 8	2°59	9°58	10°11	4°34	11°37	S 28
S 29	0 29 44	5°30'41	17°44	22°13	7°28	8°30	22° 4	26°57	11°15	6° 8	3° 1	9°59	10° 8	4°41	11°34	S 29
M30	0 33 41	6♎29'48	0♐43	22♍ 2	8♍41	9♏11	21♈56	26♉57	11♏18	6♊ 7	3♎ 4	9♈59	10♈ 5	4♒47	11♈31	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n31	17s11	2s34	4s37	3s 9	19n16	0s 6	7s38	0n 3	8n 9	1s32	21s 7	0s29	14s28	0n23	19n47	1s37	14n 4	16n13	4n 7	4n36	24s34	6n58	2n 5
M 2	8 10	21 52	3 31	4 59	3 18	19 2	0 3	7 54	0 3	8 8	1 32	21 8	0 29	14 29	0 23	19 47	1 37	14 3	16 12	4 7	4 35	24 32	6 57	2 5
T 3	7 48	25 24	4 16	5 19	3 25	18 48	0n 0	8 10	0 2	8 6	1 33	21 9	0 29	14 30	0 22	19 47	1 37	14 2	16 12	4 8	4 34	24 30	6 56	2 5
W 4	7 25	27 41	4 49	5 36	3 33	18 33	0 4	8 25	0 1	8 5	1 33	21 9	0 29	14 30	0 22	19 47	1 38	14 1	16 12	4 8	4 32	24 28	6 55	2 5
T 5	7 3	28 36	5 8	5 51	3 40	18 18	0 7	8 41	0 0	8 3	1 33	21 10	0 29	14 31	0 22	19 47	1 38	14 0	16 12	4 7	4 31	24 26	6 54	2 5
F 6	6 41	28 10	5 13	6 4	3 46	18 2	0 10	8 56	0s 0	8 1	1 33	21 10	0 29	14 32	0 22	19 47	1 38	13 59	16 12	4 6	4 30	24 24	6 53	2 4
S 7	6 19	26 27	5 5	6 14	3 52	17 46	0 13	9 11	0 1	7 59	1 33	21 11	0 29	14 33	0 22	19 47	1 38	13 58	16 12	4 5	4 29	24 23	6 52	2 4
S 8	5 56	23 34	4 44	6 20	3 57	17 29	0 16	9 27	0 2	7 58	1 34	21 11	0 29	14 34	0 22	19 47	1 38	13 57	16 12	4 3	4 27	24 21	6 51	2 4
M 9	5 33	19 40	4 10	6 24	4 1	17 11	0 19	9 42	0 2	7 56	1 34	21 12	0 29	14 34	0 22	19 47	1 38	13 56	16 11	4 1	4 26	24 19	6 50	2 4
T 10	5 11	14 58	3 26	6 24	4 4	16 53	0 22	9 57	0 3	7 54	1 34	21 12	0 29	14 35	0 22	19 47	1 38	13 55	16 11	4 0	4 25	24 17	6 49	2 4
W11	4 48	9 39	2 31	6 20	4 5	16 35	0 25	10 13	0 4	7 52	1 34	21 13	0 29	14 36	0 22	19 47	1 38	13 54	16 11	3 59	4 24	24 15	6 48	2 4
T 12	4 25	3 54	1 29	6 13	4 6	16 16	0 28	10 28	0 4	7 50	1 34	21 13	0 29	14 37	0 22	19 47	1 38	13 53	16 11	3 58	4 22	24 13	6 47	2 4
F 13	4 2	2n 5	0 22	6 1	4 5	15 57	0 31	10 43	0 5	7 47	1 34	21 13	0 29	14 38	0 22	19 46	1 38	13 52	16 11	3 58	4 21	24 11	6 46	2 4
S 14	3 39	8 4	0n48	5 45	4 2	15 37	0 34	10 58	0 6	7 45	1 35	21 14	0 29	14 39	0 22	19 46	1 38	13 51	16 11	3 58	4 20	24 9	6 45	2 4
S 15	3 16	13 50	1 56	5 25	3 58	15 17	0 36	11 13	0 6	7 43	1 35	21 14	0 29	14 39	0 22	19 46	1 38	13 50	16 11	3 58	4 19	24 7	6 44	2 4
M16	2 53	19 6	3 0	5 1	3 52	14 56	0 39	11 28	0 7	7 41	1 35	21 15	0 29	14 40	0 22	19 46	1 38	13 49	16 11	3 59	4 17	24 6	6 43	2 4
T 17	2 30	23 32	3 55	4 33	3 44	14 35	0 42	11 43	0 8	7 38	1 35	21 15	0 29	14 41	0 22	19 46	1 38	13 48	16 11	3 59	4 16	24 4	6 42	2 4
W18	2 6	26 46	4 38	4 1	3 35	14 13	0 44	11 58	0 9	7 36	1 35	21 15	0 29	14 42	0 22	19 46	1 38	13 47	16 11	3 59	4 15	24 2	6 41	2 4
T 19	1 43	28 29	5 6	3 25	3 23	13 51	0 47	12 13	0 9	7 34	1 35	21 15	0 29	14 43	0 22	19 46	1 38	13 46	16 11	4 0	4 14	24 0	6 40	2 4
F 20	1 20	28 24	5 16	2 47	3 9	13 29	0 49	12 27	0 10	7 31	1 35	21 16	0 29	14 44	0 22	19 46	1 38	13 45	16 11	3 59	4 12	23 58	6 39	2 4
S 21	0 56	26 25	5 7	2 7	2 54	13 6	0 52	12 42	0 11	7 29	1 36	21 16	0 30	14 45	0 22	19 46	1 38	13 44	16 11	3 59	4 11	23 56	6 38	2 4
S 22	0 33	22 42	4 39	1 25	2 37	12 43	0 54	12 57	0 11	7 26	1 36	21 16	0 30	14 46	0 22	19 46	1 38	13 43	16 11	3 59	4 10	23 54	6 37	2 4
M23	0 9	17 32	3 52	0 43	2 19	12 19	0 56	13 11	0 12	7 23	1 36	21 16	0 30	14 47	0 22	19 45	1 38	13 42	16 11	3 58	4 9	23 52	6 36	2 4
T 24	0s14	11 20	2 50	0 1	1 59	11 55	0 59	13 25	0 12	7 21	1 36	21 17	0 30	14 48	0 22	19 45	1 39	13 41	16 11	3 58	4 7	23 50	6 34	2 4
W25	0 38	4 35	1 37	0n39	1 39	11 31	1 1	13 40	0 13	7 18	1 36	21 17	0 30	14 49	0 22	19 45	1 39	13 41	16 11	3 57	4 6	23 48	6 33	2 4
T 26	1 1	2s20	0 19	1 16	1 19	11 7	1 3	13 54	0 14	7 15	1 36	21 17	0 30	14 50	0 22	19 45	1 39	13 40	16 11	3 57	4 5	23 46	6 32	2 4
F 27	1 25	9 0	0s59	1 51	0 59	10 42	1 5	14 8	0 14	7 13	1 36	21 17	0 30	14 51	0 22	19 45	1 39	13 39	16 11	3 57	4 4	23 44	6 31	2 4
S 28	1 48	15 4	2 11	2 21	0 39	10 17	1 7	14 22	0 15	7 10	1 36	21 17	0 30	14 52	0 22	19 45	1 39	13 38	16 11	3 57	4 2	23 42	6 30	2 4
S 29	2 12	20 15	3 14	2 48	0 20	9 51	1 9	14 36	0 16	7 7	1 36	21 17	0 30	14 53	0 22	19 45	1 39	13 37	16 11	3 58	4 1	23 40	6 29	2 4
M30	2s35	24s20	4s 6	3n 9	0s 1	9n25	1n11	14s50	0s16	7n 4	1s36	21s17	0s30	14s54	0n22	19n45	1s39	13n36	16n11	3n58	4n 0	23s38	6n28	2n 3

Julian Day Number = 2351711.5, Delta T = 10.78 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'28, Lahiri = 20°02'29Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1726
geocentric

OCTOBER 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 37	7♎28'56	13♐20	22°D 2	9♍55	9♏53	21°R49	26°R57	11♏21	6°R 7	3♎ 6	10♈ 0	10♈ 2	4♒54	11°R29	T 1
W 2	0 41 34	8°28'06	25°40	22♍12	11° 8	10°34	21♈41	26°D57	11°24	6♊ 6	3° 8	10° 0	9°59	5° 1	11♈26	W 2
T 3	0 45 31	9°27'17	7♑46	22°32	12°22	11°16	21°33	26♑57	11°28	6° 5	3°11	10° 0	9°55	5° 8	11°23	T 3
F 4	0 49 27	10°26'31	19°43	23° 3	13°36	11°58	21°25	26°57	11°31	6° 4	3°13	10° 0	9°52	5°14	11°20	F 4
S 5	0 53 24	11°25'46	1♒36	23°42	14°49	12°40	21°17	26°57	11°34	6° 3	3°15	10° 0	9°49	5°21	11°17	S 5
S 6	0 57 20	12°25'03	13°29	24°30	16° 3	13°21	21°10	26°57	11°38	6° 3	3°17	10° 0	9°46	5°28	11°15	S 6
M 7	1 1 17	13°24'22	25°26	25°26	17°17	14° 3	21° 2	26°58	11°41	6° 2	3°20	10° 0	9°43	5°34	11°12	M 7
T 8	1 5 13	14°23'42	7♓30	26°30	18°31	14°45	20°54	26°59	11°44	6° 1	3°22	10° 1	9°40	5°41	11° 9	T 8
W 9	1 9 10	15°23'05	19°46	27°39	19°45	15°27	20°46	26°59	11°48	6° 0	3°24	10° 1	9°36	5°48	11° 6	W 9
T 10	1 13 6	16°22'29	2♈15	28°54	20°59	16° 9	20°37	27° 0	11°51	5°59	3°27	10° 2	9°33	5°55	11° 3	T 10
F 11	1 17 3	17°21'56	14°59	0♎14	22°13	16°52	20°29	27° 1	11°55	5°58	3°29	10°R 2	9°30	6° 1	11° 0	F 11
S 12	1 20 59	18°21'24	27°58	1°38	23°27	17°34	20°21	27° 2	11°58	5°57	3°31	10° 1	9°27	6° 8	10°58	S 12
S 13	1 24 56	19°20'54	11♉12	3° 6	24°41	18°16	20°13	27° 3	12° 2	5°56	3°33	10° 0	9°24	6°15	10°55	S 13
M14	1 28 53	20°20'27	24°39	4°37	25°55	18°59	20° 5	27° 4	12° 5	5°55	3°36	9°59	9°20	6°21	10°52	M14
T 15	1 32 49	21°20'02	8♊19	6°10	27°10	19°41	19°57	27° 5	12° 9	5°54	3°38	9°58	9°17	6°28	10°49	T 15
W16	1 36 46	22°19'39	22°10	7°45	28°24	20°24	19°49	27° 7	12°12	5°53	3°40	9°56	9°14	6°35	10°47	W16
T 17	1 40 42	23°19'19	6♋10	9°22	29°38	21° 6	19°41	27° 8	12°16	5°52	3°42	9°55	9°11	6°41	10°44	T 17
F 18	1 44 39	24°19'01	20°17	11° 0	0♎53	21°49	19°33	27°10	12°20	5°50	3°44	9°D55	9° 8	6°48	10°41	F 18
S 19	1 48 35	25°18'45	4♌28	12°39	2° 7	22°32	19°25	27°12	12°23	5°49	3°47	9°55	9° 5	6°55	10°38	S 19
S 20	1 52 32	26°18'32	18°42	14°19	3°21	23°14	19°17	27°13	12°27	5°48	3°49	9°56	9° 1	7° 2	10°36	S 20
M21	1 56 28	27°18'20	2♍57	15°59	4°36	23°57	19° 9	27°15	12°31	5°47	3°51	9°57	8°58	7° 8	10°33	M21
T 22	2 0 25	28°18'11	17° 9	17°40	5°51	24°40	19° 1	27°17	12°34	5°46	3°53	9°58	8°55	7°15	10°30	T 22
W23	2 4 22	29°18'04	1♎15	19°21	7° 5	25°23	18°53	27°19	12°38	5°44	3°55	9°59	8°52	7°22	10°28	W23
T 24	2 8 18	0♏17'59	15°12	21° 1	8°20	26° 6	18°45	27°21	12°41	5°43	3°57	9°R59	8°49	7°28	10°25	T 24
F 25	2 12 15	1°17'56	28°57	22°42	9°34	26°49	18°37	27°24	12°45	5°42	4° 0	9°58	8°46	7°35	10°22	F 25
S 26	2 16 11	2°17'55	12♏27	24°23	10°49	27°33	18°30	27°26	12°49	5°40	4° 2	9°56	8°42	7°42	10°20	S 26
S 27	2 20 8	3°17'56	25°40	26° 3	12° 4	28°16	18°22	27°28	12°53	5°39	4° 4	9°53	8°39	7°49	10°17	S 27
M28	2 24 4	4°17'59	8♐34	27°43	13°19	28°59	18°15	27°31	12°56	5°38	4° 6	9°49	8°36	7°55	10°15	M28
T 29	2 28 1	5°18'03	21°11	29°23	14°33	29°43	18° 7	27°34	13° 0	5°36	4° 8	9°45	8°33	8° 2	10°12	T 29
W30	2 31 57	6°18'10	3♑31	1♏ 2	15°48	0♐26	18° 0	27°36	13° 4	5°35	4°10	9°41	8°30	8° 9	10°10	W30
T 31	2 35 54	7♏18'18	15♑38	2♏41	17♎ 3	1♐10	17♈53	27♑39	13♏ 7	5♊33	4♎12	9♈38	8♈26	8♒15	10♈ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s58	27s 7	4s43	3n25	0n16	8n59	1n13	15s 4	0s17	7n 1	1s37	21s17	0s30	14s55	0n22	19n44	1s39	13n35	16n11	3n58	3n59	23s36	6n26	2n 3
W 2	3 22	28 31	5 7	3 36	0 33	8 33	1 14	15 18	0 18	6 58	1 37	21 17	0 30	14 56	0 22	19 44	1 39	13 35	16 11	3 58	3 57	23 34	6 25	2 3
T 3	3 45	28 31	5 17	3 42	0 47	8 6	1 16	15 31	0 18	6 55	1 37	21 18	0 30	14 57	0 22	19 44	1 39	13 34	16 11	3 58	3 56	23 32	6 24	2 3
F 4	4 8	27 11	5 13	3 42	1 1	7 39	1 18	15 45	0 19	6 52	1 37	21 17	0 30	14 58	0 22	19 44	1 39	13 33	16 11	3 58	3 55	23 30	6 23	2 3
S 5	4 32	24 37	4 55	3 37	1 13	7 12	1 19	15 58	0 20	6 49	1 37	21 17	0 30	14 59	0 22	19 44	1 39	13 32	16 11	3 58	3 54	23 28	6 22	2 3
S 6	4 55	21 2	4 25	3 28	1 23	6 45	1 21	16 12	0 20	6 46	1 37	21 17	0 30	15 0	0 22	19 43	1 39	13 31	16 11	3 58	3 52	23 26	6 20	2 3
M 7	5 18	16 34	3 43	3 14	1 33	6 17	1 22	16 25	0 21	6 43	1 37	21 17	0 30	15 1	0 22	19 43	1 39	13 30	16 12	3 58	3 51	23 24	6 19	2 3
T 8	5 41	11 24	2 51	2 56	1 40	5 50	1 23	16 38	0 21	6 40	1 37	21 17	0 30	15 2	0 22	19 43	1 39	13 30	16 12	3 58	3 50	23 22	6 18	2 3
W 9	6 4	5 44	1 50	2 34	1 47	5 22	1 25	16 51	0 22	6 37	1 37	21 17	0 30	15 3	0 22	19 43	1 39	13 29	16 12	3 59	3 49	23 20	6 17	2 3
T 10	6 27	0n14	0 43	2 9	1 52	4 54	1 26	17 4	0 23	6 34	1 37	21 17	0 30	15 4	0 22	19 43	1 39	13 28	16 12	3 59	3 47	23 17	6 16	2 3
F 11	6 50	6 20	0n27	1 40	1 56	4 25	1 27	17 16	0 23	6 31	1 37	21 17	0 30	15 5	0 22	19 42	1 39	13 27	16 12	3 59	3 46	23 15	6 15	2 3
S 12	7 12	12 17	1 38	1 9	1 58	3 57	1 28	17 29	0 24	6 28	1 37	21 17	0 30	15 6	0 22	19 42	1 39	13 27	16 12	3 59	3 45	23 13	6 13	2 3
S 13	7 35	17 49	2 44	0 36	2 0	3 28	1 29	17 41	0 24	6 25	1 37	21 17	0 30	15 8	0 22	19 42	1 39	13 26	16 12	3 58	3 44	23 11	6 12	2 2
M14	7 58	22 33	3 43	0 1	2 1	3 0	1 30	17 54	0 25	6 22	1 37	21 16	0 30	15 9	0 22	19 42	1 39	13 25	16 13	3 58	3 42	23 9	6 11	2 2
T 15	8 20	26 9	4 29	0s36	2 1	2 31	1 31	18 6	0 26	6 19	1 37	21 16	0 30	15 10	0 22	19 42	1 39	13 25	16 13	3 57	3 41	23 7	6 10	2 2
W16	8 42	28 15	5 1	1 15	2 0	2 2	1 31	18 18	0 26	6 16	1 37	21 16	0 30	15 11	0 22	19 41	1 39	13 24	16 13	3 57	3 40	23 5	6 9	2 2
T 17	9 4	28 35	5 15	1 54	1 58	1 33	1 32	18 30	0 27	6 13	1 36	21 16	0 30	15 12	0 22	19 41	1 39	13 23	16 13	3 56	3 39	23 3	6 7	2 2
F 18	9 27	27 4	5 11	2 35	1 56	1 4	1 33	18 41	0 27	6 10	1 36	21 15	0 30	15 13	0 22	19 41	1 39	13 22	16 13	3 56	3 37	23 1	6 6	2 2
S 19	9 48	23 49	4 48	3 16	1 53	0 35	1 33	18 53	0 28	6 7	1 36	21 15	0 30	15 14	0 22	19 41	1 40	13 22	16 14	3 56	3 36	22 58	6 5	2 2
S 20	10 10	19 9	4 7	3 58	1 50	0 6	1 34	19 4	0 29	6 4	1 36	21 15	0 30	15 15	0 22	19 40	1 40	13 21	16 14	3 56	3 35	22 56	6 4	2 2
M21	10 32	13 24	3 10	4 40	1 46	0s24	1 34	19 16	0 29	6 1	1 36	21 14	0 30	15 16	0 22	19 40	1 40	13 21	16 14	3 57	3 34	22 54	6 3	2 2
T 22	10 53	6 58	2 3	5 23	1 41	0 53	1 34	19 27	0 30	5 59	1 36	21 14	0 30	15 18	0 22	19 40	1 40	13 20	16 14	3 57	3 32	22 52	6 2	2 1
W23	11 15	0 14	0 48	6 5	1 37	1 22	1 34	19 38	0 30	5 56	1 36	21 14	0 31	15 19	0 22	19 40	1 40	13 19	16 15	3 58	3 31	22 50	6 0	2 1
T 24	11 36	6s26	0s29	6 48	1 32	1 52	1 34	19 49	0 31	5 53	1 36	21 13	0 31	15 20	0 22	19 39	1 40	13 19	16 15	3 58	3 30	22 48	5 59	2 1
F 25	11 57	12 43	1 43	7 30	1 26	2 21	1 35	19 59	0 31	5 50	1 36	21 13	0 31	15 21	0 22	19 39	1 40	13 18	16 15	3 57	3 29	22 46	5 58	2 1
S 26	12 17	18 17	2 49	8 13	1 21	2 50	1 35	20 10	0 32	5 47	1 36	21 12	0 31	15 22	0 21	19 39	1 40	13 18	16 15	3 56	3 27	22 43	5 57	2 1
S 27	12 38	22 51	3 45	8 55	1 15	3 20	1 34	20 20	0 33	5 44	1 35	21 12	0 31	15 23	0 21	19 39	1 40	13 17	16 16	3 55	3 26	22 41	5 56	2 1
M28	12 58	26 11	4 28	9 36	1 9	3 49	1 34	20 30	0 33	5 42	1 35	21 11	0 31	15 24	0 21	19 38	1 40	13 16	16 16	3 54	3 25	22 39	5 55	2 1
T 29	13 19	28 7	4 57	10 17	1 3	4 18	1 34	20 40	0 34	5 39	1 35	21 11	0 31	15 25	0 21	19 38	1 40	13 16	16 16	3 52	3 24	22 37	5 54	2 1
W30	13 39	28 37	5 11	10 58	0 57	4 47	1 34	20 50	0 34	5 36	1 35	21 10	0 31	15 27	0 21	19 38	1 40	13 15	16 17	3 51	3 22	22 35	5 53	2 0
T 31	13s58	27s43	5s12	11s38	0n50	5s16	1n33	20s59	0s35	5n34	1s35	21s10	0s31	15s28	0n21	19n38	1s40	13n15	16n17	3n49	3n21	22s32	5n52	2n 0

Julian Day Number = 2351741.5, Delta T = 10.79 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'32, Lahiri = 20°02'33Greg. Calendar

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NOVEMBER 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 39 51	8♏18'27	27♑35	4♏20	18♎18	1♐53	17°R45	27♑42	13♏11	5°R32	4♎14	9°R36	8♈23	8♒22	10°R 5	F 1
S 2	2 43 47	9°18'38	9♒27	5°59	19°33	2°37	17♈38	27°45	13°15	5♊30	4°16	9°D35	8°20	8°29	10♈ 3	S 2
S 3	2 47 44	10°18'50	21°19	7°37	20°48	3°20	17°31	27°48	13°19	5°29	4°18	9♈36	8°17	8°35	10° 0	S 3
M 4	2 51 40	11°19'04	3♓16	9°14	22° 3	4° 4	17°25	27°51	13°22	5°27	4°20	9°37	8°14	8°42	9°58	M 4
T 5	2 55 37	12°19'20	15°22	10°51	23°18	4°48	17°18	27°55	13°26	5°26	4°22	9°39	8°11	8°49	9°56	T 5
W 6	2 59 33	13°19'37	27°42	12°28	24°33	5°32	17°12	27°58	13°30	5°24	4°24	9°41	8° 7	8°56	9°53	W 6
T 7	3 3 30	14°19'55	10♈19	14° 5	25°48	6°16	17° 5	28° 1	13°34	5°23	4°26	9°R41	8° 4	9° 2	9°51	T 7
F 8	3 7 26	15°20'15	23°16	15°41	27° 3	7° 0	16°59	28° 5	13°37	5°21	4°28	9°40	8° 1	9° 9	9°49	F 8
S 9	3 11 23	16°20'37	6♉34	17°17	28°18	7°44	16°53	28° 9	13°41	5°20	4°29	9°38	7°58	9°16	9°47	S 9
S 10	3 15 20	17°21'00	20°13	18°52	29°33	8°28	16°47	28°12	13°45	5°18	4°31	9°33	7°55	9°22	9°45	S 10
M11	3 19 16	18°21'25	4♊ 9	20°27	0♏48	9°12	16°41	28°16	13°49	5°16	4°33	9°28	7°52	9°29	9°43	M11
T 12	3 23 13	19°21'52	18°18	22° 2	2° 3	9°56	16°35	28°20	13°52	5°15	4°35	9°21	7°48	9°36	9°41	T 12
W13	3 27 9	20°22'20	2♋36	23°37	3°18	10°41	16°30	28°24	13°56	5°13	4°37	9°15	7°45	9°43	9°39	W13
T 14	3 31 6	21°22'50	16°57	25°11	4°34	11°25	16°25	28°28	14° 0	5°12	4°38	9° 9	7°42	9°49	9°37	T 14
F 15	3 35 2	22°23'23	1♌16	26°45	5°49	12° 9	16°19	28°32	14° 3	5°10	4°40	9° 5	7°39	9°56	9°35	F 15
S 16	3 38 59	23°23'56	15°31	28°19	7° 4	12°54	16°14	28°36	14° 7	5° 8	4°42	9° 3	7°36	10° 3	9°33	S 16
S 17	3 42 56	24°24'32	29°38	29°53	8°19	13°38	16°10	28°41	14°11	5° 7	4°43	9°D 3	7°32	10° 9	9°31	S 17
M18	3 46 52	25°25'09	13♍37	1♐26	9°35	14°23	16° 5	28°45	14°15	5° 5	4°45	9° 4	7°29	10°16	9°29	M18
T 19	3 50 49	26°25'48	27°26	3° 0	10°50	15° 8	16° 1	28°49	14°18	5° 3	4°47	9° 5	7°26	10°23	9°28	T 19
W20	3 54 45	27°26'29	11♎ 6	4°33	12° 5	15°52	15°56	28°54	14°22	5° 2	4°48	9°R 6	7°23	10°29	9°26	W20
T 21	3 58 42	28°27'11	24°36	6° 6	13°21	16°37	15°52	28°58	14°26	5° 0	4°50	9° 5	7°20	10°36	9°24	T 21
F 22	4 2 38	29°27'55	7♏56	7°39	14°36	17°22	15°48	29° 3	14°29	4°58	4°51	9° 1	7°17	10°43	9°23	F 22
S 23	4 6 35	0♐28'41	21° 4	9°12	15°51	18° 7	15°45	29° 8	14°33	4°57	4°53	8°55	7°13	10°50	9°21	S 23
S 24	4 10 31	1°29'27	4♐ 0	10°44	17° 7	18°52	15°41	29°13	14°37	4°55	4°54	8°47	7°10	10°56	9°20	S 24
M25	4 14 28	2°30'16	16°43	12°17	18°22	19°37	15°38	29°17	14°40	4°53	4°56	8°37	7° 7	11° 3	9°18	M25
T 26	4 18 25	3°31'05	29°12	13°49	19°37	20°22	15°35	29°22	14°44	4°51	4°57	8°26	7° 4	11°10	9°17	T 26
W27	4 22 21	4°31'55	11♑28	15°22	20°53	21° 7	15°32	29°27	14°47	4°50	4°59	8°15	7° 1	11°16	9°16	W27
T 28	4 26 18	5°32'47	23°33	16°54	22° 8	21°52	15°29	29°33	14°51	4°48	5° 0	8° 6	6°58	11°23	9°14	T 28
F 29	4 30 14	6°33'39	5♒28	18°26	23°23	22°37	15°26	29°38	14°54	4°46	5° 1	7°59	6°54	11°30	9°13	F 29
S 30	4 34 11	7♐34'32	17♒19	19♐57	24♏39	23♐22	15♈24	29♑43	14♏58	4♊45	5♎ 3	7♈54	6♈51	11♒36	9♈12	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s18	25s33	4s58	12s18	0n44	5s45	1n33	21s 9	0s35	5n31	1s35	21s 9	0s31	15s29	0n21	19n37	1s40	13n14	16n17	3n49	3n20	22s30	5n50	2n 0
S 2	14 37	22 17	4 32	12 57	0 37	6 14	1 33	21 18	0 36	5 29	1 34	21 9	0 31	15 30	0 21	19 37	1 40	13 14	16 18	3 48	3 19	22 28	5 49	2 0
S 3	14 56	18 6	3 54	13 35	0 31	6 43	1 32	21 27	0 36	5 26	1 34	21 8	0 31	15 31	0 21	19 37	1 40	13 13	16 18	3 49	3 17	22 26	5 48	2 0
M 4	15 15	13 13	3 6	14 13	0 24	7 11	1 31	21 36	0 37	5 24	1 34	21 8	0 31	15 32	0 21	19 36	1 40	13 13	16 18	3 49	3 16	22 24	5 47	2 0
T 5	15 34	7 46	2 9	14 50	0 17	7 40	1 31	21 44	0 37	5 22	1 34	21 7	0 31	15 33	0 21	19 36	1 40	13 12	16 19	3 50	3 15	22 21	5 46	2 0
W 6	15 52	1 55	1 5	15 26	0 10	8 8	1 30	21 53	0 38	5 19	1 34	21 6	0 31	15 35	0 21	19 36	1 40	13 12	16 19	3 50	3 14	22 19	5 45	2 0
T 7	16 10	4n 9	0n 3	16 2	0 4	8 36	1 29	22 1	0 38	5 17	1 33	21 6	0 31	15 36	0 21	19 36	1 40	13 12	16 19	3 51	3 12	22 17	5 44	1 59
F 8	16 28	10 11	1 13	16 37	0s 3	9 4	1 28	22 9	0 39	5 15	1 33	21 5	0 31	15 37	0 21	19 35	1 40	13 11	16 20	3 50	3 11	22 15	5 43	1 59
S 9	16 45	15 57	2 21	17 10	0 10	9 32	1 27	22 17	0 39	5 13	1 33	21 4	0 31	15 38	0 21	19 35	1 40	13 11	16 20	3 49	3 10	22 12	5 42	1 59
S 10	17 2	21 4	3 22	17 43	0 16	9 59	1 26	22 25	0 40	5 11	1 33	21 4	0 31	15 39	0 21	19 35	1 40	13 11	16 20	3 48	3 9	22 10	5 41	1 59
M11	17 19	25 9	4 13	18 16	0 23	10 27	1 25	22 32	0 40	5 9	1 33	21 3	0 31	15 40	0 21	19 34	1 40	13 10	16 21	3 45	3 7	22 8	5 40	1 59
T 12	17 36	27 45	4 49	18 47	0 30	10 54	1 24	22 39	0 41	5 7	1 32	21 2	0 31	15 41	0 21	19 34	1 40	13 10	16 21	3 43	3 6	22 5	5 39	1 59
W13	17 52	28 34	5 7	19 17	0 36	11 20	1 23	22 46	0 41	5 5	1 32	21 1	0 31	15 42	0 21	19 34	1 40	13 10	16 22	3 40	3 5	22 3	5 38	1 58
T 14	18 8	27 28	5 6	19 47	0 42	11 47	1 21	22 53	0 42	5 3	1 32	21 1	0 31	15 44	0 21	19 34	1 40	13 9	16 22	3 38	3 4	22 1	5 38	1 58
F 15	18 24	24 34	4 46	20 15	0 49	12 13	1 20	22 59	0 42	5 1	1 32	21 0	0 31	15 45	0 21	19 33	1 40	13 9	16 22	3 36	3 2	21 59	5 37	1 58
S 16	18 39	20 10	4 9	20 42	0 55	12 39	1 19	23 5	0 43	4 59	1 31	20 59	0 31	15 46	0 21	19 33	1 40	13 9	16 23	3 36	3 1	21 56	5 36	1 58
S 17	18 54	14 41	3 17	21 9	1 1	13 5	1 17	23 11	0 43	4 58	1 31	20 58	0 31	15 47	0 21	19 33	1 40	13 8	16 23	3 36	3 0	21 54	5 35	1 58
M18	19 9	8 30	2 13	21 34	1 7	13 30	1 16	23 17	0 44	4 56	1 31	20 57	0 31	15 48	0 21	19 32	1 40	13 8	16 24	3 36	2 59	21 52	5 34	1 58
T 19	19 23	1 59	1 3	21 59	1 13	13 55	1 14	23 23	0 44	4 55	1 31	20 56	0 31	15 49	0 21	19 32	1 40	13 8	16 24	3 36	2 57	21 49	5 33	1 58
W20	19 37	4s34	0s11	22 22	1 18	14 20	1 13	23 28	0 45	4 53	1 30	20 55	0 31	15 50	0 21	19 32	1 40	13 8	16 25	3 37	2 56	21 47	5 32	1 57
T 21	19 51	10 50	1 23	22 44	1 24	14 44	1 11	23 33	0 45	4 52	1 30	20 54	0 31	15 51	0 21	19 31	1 40	13 7	16 25	3 36	2 55	21 45	5 32	1 57
F 22	20 4	16 31	2 29	23 5	1 29	15 8	1 9	23 38	0 46	4 51	1 30	20 54	0 31	15 52	0 21	19 31	1 40	13 7	16 26	3 35	2 54	21 42	5 31	1 57
S 23	20 17	21 21	3 26	23 25	1 34	15 32	1 8	23 43	0 46	4 50	1 29	20 53	0 31	15 53	0 21	19 31	1 40	13 7	16 26	3 32	2 52	21 40	5 30	1 57
S 24	20 30	25 5	4 11	23 43	1 39	15 55	1 6	23 47	0 47	4 49	1 29	20 52	0 31	15 54	0 21	19 31	1 40	13 7	16 27	3 29	2 51	21 38	5 29	1 57
M25	20 42	27 30	4 43	24 1	1 44	16 18	1 4	23 51	0 47	4 48	1 29	20 51	0 31	15 56	0 21	19 30	1 40	13 7	16 27	3 25	2 50	21 35	5 29	1 57
T 26	20 53	28 29	5 1	24 17	1 48	16 40	1 2	23 55	0 48	4 47	1 29	20 50	0 31	15 57	0 21	19 30	1 40	13 7	16 27	3 21	2 49	21 33	5 28	1 56
W27	21 5	28 2	5 4	24 32	1 52	17 2	1 0	23 59	0 48	4 46	1 28	20 49	0 32	15 58	0 21	19 30	1 40	13 7	16 28	3 17	2 47	21 31	5 27	1 56
T 28	21 16	26 15	4 54	24 46	1 56	17 24	0 58	24 2	0 48	4 45	1 28	20 48	0 32	15 59	0 21	19 29	1 40	13 7	16 28	3 13	2 46	21 28	5 27	1 56
F 29	21 26	23 18	4 31	24 58	2 0	17 45	0 56	24 5	0 49	4 44	1 28	20 47	0 32	16 0	0 21	19 29	1 40	13 6	16 29	3 10	2 45	21 26	5 26	1 56
S 30	21s37	19s25	3s56	25s 9	2s 4	18s 5	0n54	24s 8	0s49	4n44	1s27	20s45	0s32	16s 1	0n21	19n29	1s40	13n 6	16n29	3n 8	2n43	21s23	5n25	1n56

Julian Day Number = 2351772.5, Delta T = 10.80 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'37, Lahiri = 20°02'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1726
geocentric

DECEMBER 1726 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 7	8♐35'26	29♒ 8	21♐29	25♏54	24♐ 8	15°R22	29♑48	15♏ 2	4°R43	5♎ 4	7°R52	6♈48	11♒43	9°R11	S 1
M 2	4 42 4	9°36'21	11♓ 2	23° 0	24°32	28°25	25°38	15°18	29°59	15° 9	4°40	5° 7	7♈52	6°42	11°57	9° 9	M 2
T 3	4 46 0	10°37'16	23° 5	24°32	28°25	25°38	15°18	29°59	15° 9	4°40	5° 7	7°R52	6°38	12° 3	9° 8	T 3
W 4	4 49 57	11°38'12	5♈23	26° 2	29°41	26°24	15°17	0♒ 4	15°12	4°38	5° 8	7°52	6°35	12°10	9° 7	W 4
T 5	4 53 54	12°39'09	18° 1	27°33	0♐56	27° 9	15°16	0°10	15°15	4°36	5° 9	7°52	6°32	12°17	9° 6	T 5
F 6	4 57 50	13°40'07	1♉ 3	29° 3	2°11	27°55	15°15	0°16	15°19	4°35	5°10	7°49	6°29	12°23	9° 5	F 6
S 7	5 1 47	14°41'05	14°31	0♑33	3°27	28°41	15°14	0°21	15°22	4°33	5°11	7°44	6°29	12°30	9° 4	S 7
S 8	5 5 43	15°42'04	28°25	2° 2	4°42	29°26	15°13	0°27	15°26	4°31	5°12	7°37	6°26	12°37	9° 4	S 8
M 9	5 9 40	16°43'04	12♊43	3°30	5°58	0♑12	15°13	0°33	15°29	4°30	5°13	7°27	6°23	12°43	9° 3	M 9
T 10	5 13 36	17°44'05	27°20	4°57	7°13	0°58	15°12	0°39	15°32	4°28	5°14	7°16	6°19	12°50	9° 3	T 10
W11	5 17 33	18°45'06	12♋ 7	6°24	8°29	1°43	15°D12	0°44	15°36	4°26	5°15	7° 5	6°16	12°57	9° 2	W11
T 12	5 21 29	19°46'09	26°56	7°49	9°44	2°29	15°12	0°50	15°39	4°25	5°16	6°55	6°13	12°57	9° 2	T 12
F 13	5 25 26	20°47'12	11♌39	9°12	11° 0	3°15	15°13	0°56	15°42	4°23	5°17	6°47	6°10	13° 3	9° 2	F 13
S 14	5 29 23	21°48'16	26°10	10°34	12°15	4° 1	15°13	1° 2	15°45	4°21	5°18	6°42	6° 7	13°10	9° 1	S 14
S 15	5 33 19	22°49'20	10♍25	11°55	13°31	4°47	15°14	1° 8	15°48	4°20	5°19	6°40	6° 4	13°17	9° 1	S 15
M16	5 37 16	23°50'26	24°22	13°12	14°46	5°33	15°15	1°15	15°52	4°18	5°20	6°D40	6° 0	13°24	9° 1	M16
T 17	5 41 12	24°51'33	8♎ 2	14°27	16° 2	6°19	15°16	1°21	15°55	4°17	5°20	6°R40	5°57	13°30	9° 0	T 17
W18	5 45 9	25°52'40	21°26	15°39	17°17	7° 5	15°18	1°27	15°58	4°15	5°21	6°39	5°54	13°37	9° 0	W18
T 19	5 49 5	26°53'48	4♏36	16°47	18°33	7°51	15°20	1°33	16° 1	4°14	5°22	6°36	5°51	13°44	9° 0	T 19
F 20	5 53 2	27°54'57	17°34	17°51	19°48	8°37	15°21	1°40	16° 4	4°12	5°23	6°31	5°48	13°50	9°D 0	F 20
S 21	5 56 58	28°56'06	0♐21	18°49	21° 4	9°24	15°23	1°46	16° 7	4°11	5°23	6°22	5°44	13°57	9° 0	S 21
S 22	6 0 55	29°57'16	12°57	19°42	22°19	10°10	15°26	1°52	16°10	4° 9	5°24	6°11	5°41	14° 4	9° 0	S 22
M23	6 4 52	0♑58'26	25°24	20°29	23°35	10°56	15°28	1°59	16°13	4° 8	5°24	5°57	5°38	14°10	9° 0	M23
T 24	6 8 48	1°59'37	7♑41	21° 8	24°50	11°43	15°31	2° 5	16°16	4° 6	5°25	5°42	5°35	14°17	9° 0	T 24
W25	6 12 45	3° 0'48	19°48	21°38	26° 6	12°29	15°34	2°12	16°19	4° 5	5°25	5°27	5°32	14°24	9° 1	W25
T 26	6 16 41	4° 1'59	1♒48	21°59	27°21	13°15	15°37	2°18	16°22	4° 3	5°26	5°14	5°29	14°31	9° 1	T 26
F 27	6 20 38	5° 3'09	13°41	22°10	28°37	14° 2	15°40	2°25	16°24	4° 2	5°26	5° 3	5°25	14°37	9° 1	F 27
S 28	6 24 34	6° 4'20	25°29	22°R11	29°52	14°48	15°43	2°32	16°27	4° 0	5°27	4°55	5°22	14°44	9° 2	S 28
S 29	6 28 31	7° 5'31	7♓17	21°59	1♑ 8	15°35	15°47	2°38	16°30	3°59	5°27	4°50	5°19	14°51	9° 2	S 29
M30	6 32 28	8° 6'41	19° 8	21°36	2°23	16°21	15°51	2°45	16°32	3°58	5°27	4°48	5°16	14°57	9° 3	M30
T 31	6 36 24	9♑ 7'51	1♈ 8	21♑ 1	3♑39	17♑ 8	15♈55	2♒52	16♏35	3♊56	5♎28	4♈47	5♈13	15♒ 4	9♈ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s46	14s47	3s11	25s19	2s 7	18s25	0n52	24s10	0s50	4n43	1s27	20s44	0s32	16s 2	0n21	19n28	1s40	13n 6	16n30	3n 7	2n42	21s21	5n25	1n55
M 2	21 56	9 34	2 18	25 27	2 9	18 45	0 50	24 13	0 50	4 43	1 27	20 43	0 32	16 3	0 21	19 28	1 40	13 6	16 30	3 7	2 41	21 19	5 24	1 55
T 3	22 4	3 57	1 18	25 34	2 12	19 4	0 48	24 15	0 50	4 42	1 27	20 42	0 32	16 4	0 21	19 28	1 40	13 6	16 31	3 7	2 40	21 16	5 24	1 55
W 4	22 13	1n56	0 13	25 39	2 14	19 22	0 46	24 17	0 51	4 42	1 26	20 41	0 32	16 5	0 21	19 28	1 40	13 6	16 32	3 8	2 38	21 14	5 23	1 55
T 5	22 21	7 54	0n54	25 43	2 16	19 40	0 44	24 18	0 51	4 42	1 26	20 40	0 32	16 6	0 21	19 27	1 40	13 6	16 32	3 7	2 37	21 12	5 23	1 55
F 6	22 29	13 44	2 0	25 45	2 17	19 57	0 41	24 19	0 52	4 42	1 26	20 39	0 32	16 7	0 21	19 27	1 40	13 6	16 33	3 7	2 36	21 9	5 22	1 55
S 7	22 36	19 7	3 2	25 46	2 18	20 14	0 39	24 20	0 52	4 42	1 25	20 38	0 32	16 8	0 21	19 27	1 40	13 6	16 33	3 5	2 35	21 7	5 22	1 54
S 8	22 42	23 39	3 55	25 46	2 18	20 31	0 37	24 21	0 52	4 42	1 25	20 36	0 32	16 9	0 21	19 26	1 40	13 7	16 34	3 2	2 33	21 4	5 21	1 54
M 9	22 49	26 53	4 34	25 44	2 18	20 46	0 34	24 21	0 53	4 42	1 25	20 35	0 32	16 10	0 21	19 26	1 40	13 7	16 34	2 58	2 32	21 2	5 21	1 54
T 10	22 55	28 24	4 57	25 40	2 17	21 1	0 32	24 22	0 53	4 42	1 24	20 34	0 32	16 11	0 21	19 26	1 40	13 7	16 35	2 53	2 31	20 59	5 20	1 54
W11	23 0	27 54	5 0	25 35	2 16	21 16	0 30	24 22	0 54	4 42	1 24	20 33	0 32	16 12	0 21	19 26	1 40	13 7	16 35	2 49	2 30	20 57	5 20	1 54
T 12	23 5	25 26	4 43	25 29	2 14	21 30	0 28	24 21	0 54	4 43	1 24	20 31	0 32	16 13	0 21	19 25	1 40	13 7	16 36	2 45	2 28	20 55	5 20	1 54
F 13	23 9	21 17	4 8	25 21	2 12	21 43	0 25	24 21	0 54	4 43	1 23	20 30	0 32	16 14	0 21	19 25	1 40	13 7	16 36	2 42	2 27	20 52	5 19	1 53
S 14	23 13	15 54	3 17	25 12	2 9	21 55	0 23	24 20	0 55	4 44	1 23	20 29	0 32	16 15	0 21	19 25	1 40	13 7	16 37	2 40	2 26	20 50	5 19	1 53
S 15	23 17	9 45	2 14	25 1	2 5	22 7	0 20	24 18	0 55	4 44	1 23	20 28	0 32	16 15	0 21	19 24	1 40	13 8	16 38	2 39	2 25	20 47	5 19	1 53
M16	23 20	3 14	1 5	24 49	2 0	22 18	0 18	24 17	0 55	4 45	1 22	20 26	0 32	16 16	0 21	19 24	1 40	13 8	16 38	2 39	2 23	20 45	5 18	1 53
T 17	23 23	3s18	0s 7	24 35	1 54	22 29	0 16	24 15	0 56	4 46	1 22	20 25	0 32	16 17	0 21	19 24	1 40	13 8	16 39	2 39	2 22	20 42	5 18	1 53
W18	23 25	9 34	1 17	24 21	1 48	22 39	0 13	24 13	0 56	4 47	1 22	20 24	0 32	16 18	0 21	19 24	1 40	13 8	16 39	2 39	2 21	20 40	5 18	1 52
T 19	23 26	15 18	2 22	24 5	1 40	22 48	0 11	24 11	0 56	4 47	1 22	20 22	0 32	16 19	0 21	19 23	1 40	13 8	16 40	2 38	2 20	20 37	5 18	1 52
F 20	23 28	20 16	3 18	23 48	1 32	22 57	0 8	24 8	0 57	4 48	1 21	20 21	0 32	16 20	0 21	19 23	1 40	13 9	16 40	2 35	2 18	20 35	5 17	1 52
S 21	23 28	24 13	4 3	23 31	1 22	23 5	0 6	24 5	0 57	4 49	1 21	20 19	0 32	16 21	0 21	19 23	1 40	13 9	16 41	2 32	2 17	20 32	5 17	1 52
S 22	23 29	26 56	4 35	23 13	1 12	23 12	0 3	24 2	0 57	4 51	1 21	20 18	0 32	16 22	0 21	19 23	1 40	13 9	16 42	2 27	2 16	20 30	5 17	1 52
M23	23 28	28 18	4 54	22 54	1 0	23 18	0 1	23 59	0 58	4 52	1 20	20 17	0 33	16 22	0 21	19 22	1 40	13 10	16 42	2 22	2 15	20 27	5 17	1 52
T 24	23 28	28 14	4 59	22 35	0 47	23 24	0s 1	23 55	0 58	4 53	1 20	20 15	0 33	16 23	0 21	19 22	1 40	13 10	16 43	2 16	2 13	20 25	5 17	1 51
W25	23 27	26 48	4 50	22 16	0 32	23 29	0 4	23 51	0 58	4 55	1 20	20 14	0 33	16 24	0 21	19 22	1 40	13 10	16 43	2 10	2 12	20 22	5 17	1 51
T 26	23 25	24 9	4 28	21 58	0 17	23 33	0 6	23 47	0 58	4 56	1 19	20 12	0 33	16 25	0 21	19 22	1 39	13 11	16 44	2 5	2 11	20 20	5 17	1 51
F 27	23 23	20 30	3 55	21 39	0 0	23 37	0 9	23 43	0 59	4 58	1 19	20 11	0 33	16 26	0 21	19 21	1 39	13 11	16 44	2 1	2 9	20 17	5 17	1 51
S 28	23 20	16 3	3 12	21 22	0n17	23 40	0 11	23 38	0 59	4 59	1 19	20 9	0 33	16 27	0 21	19 21	1 39	13 11	16 45	1 57	2 8	20 15	5 17	1 51
S 29	23 17	11 1	2 20	21 6	0 36	23 42	0 13	23 33	0 59	5 1	1 18	20 8	0 33	16 27	0 21	19 21	1 39	13 12	16 46	1 55	2 7	20 12	5 17	1 50
M30	23 14	5 33	1 22	20 50	0 55	23 43	0 16	23 28	1 0	5 3	1 18	20 7	0 33	16 28	0 21	19 21	1 39	13 12	16 46	1 54	2 6	20 10	5 17	1 50
T 31	23s10	0n 9	0s19	20s37	1n14	23s44	0s18	23s22	1s 0	5n 4	1s18	20s 5	0s33	16s29	0n21	19n21	1s39	13n12	16n47	1n54	2n 4	20s 7	5n17	1n50

Julian Day Number = 2351802.5, Delta T = 10.81 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'41, Lahiri = 20°02'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

JANUARY 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 21	10♑ 9'01	13♈22	20°R15	4♑54	17♑55	15♈59	2♒59	16♏38	3°R55	5♎28	4°R47	5♈10	15♒11	9♈ 4	W 1
T 2	6 44 17	11°10'11	25°55	19♑18	6°10	18°41	16° 3	3° 5	16°40	3♊54	5°28	4♈46	5° 6	15°17	9° 5	T 2
F 3	6 48 14	12°11'20	8♉52	18°12	7°25	19°28	16° 8	3°12	16°43	3°52	5°28	4°44	5° 3	15°24	9° 5	F 3
S 4	6 52 10	13°12'29	22°18	17° 0	8°41	20°15	16°13	3°19	16°45	3°51	5°29	4°39	5° 0	15°31	9° 6	S 4
S 5	6 56 7	14°13'37	6♊14	15°42	9°56	21° 1	16°18	3°26	16°48	3°50	5°29	4°32	4°57	15°37	9° 7	S 5
M 6	7 0 3	15°14'45	20°39	14°22	11°12	21°48	16°23	3°33	16°50	3°49	5°29	4°22	4°54	15°44	9° 8	M 6
T 7	7 4 0	16°15'53	5♋28	13° 2	12°27	22°35	16°28	3°40	16°52	3°48	5°29	4°10	4°50	15°51	9° 9	T 7
W 8	7 7 57	17°17'00	20°34	11°45	13°43	23°22	16°34	3°47	16°55	3°47	5°R29	3°59	4°47	15°58	9°10	W 8
T 9	7 11 53	18°18'07	5♌46	10°33	14°58	24° 9	16°39	3°54	16°57	3°45	5°29	3°48	4°44	16° 4	9°11	T 9
F 10	7 15 50	19°19'14	20°53	9°27	16°13	24°56	16°45	4° 1	16°59	3°44	5°29	3°40	4°41	16°11	9°12	F 10
S 11	7 19 46	20°20'20	5♍47	8°30	17°29	25°43	16°51	4° 8	17° 1	3°43	5°29	3°35	4°38	16°18	9°13	S 11
S 12	7 23 43	21°21'26	20°20	7°42	18°44	26°30	16°58	4°15	17° 4	3°42	5°28	3°32	4°35	16°24	9°15	S 12
M13	7 27 39	22°22'32	4♎29	7° 3	20° 0	27°17	17° 4	4°22	17° 6	3°41	5°28	3°D32	4°31	16°31	9°16	M13
T 14	7 31 36	23°23'37	18°14	6°34	21°15	28° 4	17°10	4°29	17° 8	3°40	5°28	3°R32	4°28	16°38	9°17	T 14
W15	7 35 32	24°24'43	1♏36	6°14	22°31	28°51	17°17	4°36	17°10	3°39	5°28	3°32	4°25	16°44	9°19	W15
T 16	7 39 29	25°25'48	14°39	6° 3	23°46	29°38	17°24	4°43	17°12	3°38	5°28	3°30	4°22	16°51	9°20	T 16
F 17	7 43 26	26°26'53	27°25	6°D 1	25° 1	0♒25	17°31	4°50	17°13	3°37	5°27	3°26	4°19	16°58	9°22	F 17
S 18	7 47 22	27°27'57	9♐57	6° 7	26°17	1°12	17°38	4°57	17°15	3°37	5°27	3°19	4°16	17° 4	9°23	S 18
S 19	7 51 19	28°29'01	22°18	6°21	27°32	1°59	17°46	5° 4	17°17	3°36	5°27	3° 9	4°12	17°11	9°25	S 19
M20	7 55 15	29°30'04	4♑30	6°41	28°48	2°46	17°53	5°11	17°19	3°35	5°26	2°58	4° 9	17°18	9°27	M20
T 21	7 59 12	0♒31'07	16°35	7° 8	0♒ 3	3°33	18° 1	5°19	17°21	3°34	5°26	2°45	4° 6	17°24	9°28	T 21
W22	8 3 8	1°32'09	28°33	7°40	1°19	4°20	18° 9	5°26	17°22	3°33	5°25	2°32	4° 3	17°31	9°30	W22
T 23	8 7 5	2°33'10	10♒27	8°18	2°34	5° 8	18°16	5°33	17°24	3°33	5°25	2°21	4° 0	17°38	9°32	T 23
F 24	8 11 1	3°34'10	22°17	9° 0	3°49	5°55	18°25	5°40	17°25	3°32	5°24	2°12	3°56	17°45	9°34	F 24
S 25	8 14 58	4°35'09	4♓ 5	9°47	5° 5	6°42	18°33	5°47	17°27	3°31	5°24	2° 5	3°53	17°51	9°36	S 25
S 26	8 18 55	5°36'07	15°54	10°38	6°20	7°29	18°41	5°54	17°28	3°31	5°23	2° 1	3°50	17°58	9°38	S 26
M27	8 22 51	6°37'03	27°47	11°32	7°35	8°17	18°50	6° 1	17°30	3°30	5°22	1°D59	3°47	18° 5	9°40	M27
T 28	8 26 48	7°37'59	9♈47	12°29	8°51	9° 4	18°58	6° 9	17°31	3°30	5°22	2° 0	3°44	18°11	9°42	T 28
W29	8 30 44	8°38'53	22° 0	13°29	10° 6	9°51	19° 7	6°16	17°32	3°29	5°21	2° 1	3°41	18°18	9°44	W29
T 30	8 34 41	9°39'46	4♉29	14°32	11°21	10°39	19°16	6°23	17°34	3°29	5°20	2°R 2	3°37	18°25	9°46	T 30
F 31	8 38 37	10♒40'37	17♉21	15♑37	12♒37	11♒26	19♈25	6♒30	17♏35	3♊28	5♎20	2♈ 1	3♈34	18♒31	9♈48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 5	5n59	0n45	20s24	1n33	23s44	0s20	23s16	1s 0	5n 6	1s18	20s 4	0s33	16s30	0n21	19n20	1s39	13n13	16n47	1n54	2n 3	20s 5	5n17	1n50
T 2	23 0	11 43	1 49	20 14	1 52	23 43	0 23	23 10	1 0	5 8	1 17	20 2	0 33	16 30	0 21	19 20	1 39	13 13	16 48	1 54	2 2	20 2	5 17	1 50
F 3	22 55	17 9	2 50	20 5	2 11	23 41	0 25	23 4	1 1	5 10	1 17	20 0	0 33	16 31	0 21	19 20	1 39	13 14	16 49	1 53	2 1	19 59	5 17	1 50
S 4	22 49	21 58	3 43	19 57	2 27	23 39	0 27	22 57	1 1	5 12	1 17	19 59	0 33	16 32	0 21	19 20	1 39	13 14	16 49	1 51	1 59	19 57	5 17	1 49
S 5	22 43	25 44	4 25	19 52	2 42	23 36	0 30	22 50	1 1	5 15	1 16	19 57	0 33	16 32	0 21	19 20	1 39	13 15	16 50	1 48	1 58	19 54	5 18	1 49
M 6	22 36	28 0	4 52	19 48	2 55	23 32	0 32	22 43	1 1	5 17	1 16	19 56	0 33	16 33	0 21	19 19	1 39	13 15	16 50	1 44	1 57	19 52	5 18	1 49
T 7	22 29	28 22	5 1	19 45	3 6	23 27	0 34	22 36	1 1	5 19	1 16	19 54	0 33	16 34	0 21	19 19	1 39	13 16	16 51	1 40	1 56	19 49	5 18	1 49
W 8	22 21	26 39	4 48	19 44	3 14	23 22	0 36	22 28	1 2	5 22	1 15	19 53	0 33	16 34	0 21	19 19	1 39	13 16	16 51	1 35	1 54	19 47	5 18	1 49
T 9	22 13	22 59	4 16	19 44	3 20	23 16	0 38	22 20	1 2	5 24	1 15	19 51	0 33	16 35	0 21	19 19	1 39	13 17	16 52	1 31	1 53	19 44	5 18	1 49
F 10	22 5	17 48	3 25	19 46	3 23	23 10	0 41	22 12	1 2	5 27	1 15	19 49	0 33	16 36	0 21	19 19	1 39	13 17	16 53	1 28	1 52	19 41	5 19	1 48
S 11	21 56	11 36	2 21	19 49	3 24	23 2	0 43	22 3	1 2	5 29	1 15	19 48	0 33	16 36	0 21	19 19	1 39	13 18	16 53	1 25	1 51	19 39	5 19	1 48
S 12	21 47	4 54	1 9	19 53	3 23	22 54	0 45	21 55	1 2	5 32	1 14	19 46	0 34	16 37	0 21	19 19	1 39	13 19	16 54	1 24	1 49	19 36	5 19	1 48
M13	21 37	1s52	0s 5	19 58	3 20	22 45	0 47	21 46	1 3	5 34	1 14	19 45	0 34	16 37	0 21	19 18	1 39	13 19	16 54	1 24	1 48	19 34	5 20	1 48
T 14	21 27	8 21	1 17	20 4	3 15	22 36	0 49	21 36	1 3	5 37	1 14	19 43	0 34	16 38	0 21	19 18	1 39	13 20	16 55	1 24	1 47	19 31	5 20	1 48
W15	21 16	14 17	2 23	20 11	3 9	22 26	0 51	21 27	1 3	5 40	1 13	19 41	0 34	16 38	0 21	19 18	1 39	13 20	16 55	1 24	1 46	19 28	5 21	1 47
T 16	21 5	19 26	3 20	20 19	3 2	22 15	0 53	21 17	1 3	5 43	1 13	19 40	0 34	16 39	0 21	19 18	1 39	13 21	16 56	1 24	1 44	19 26	5 21	1 47
F 17	20 54	23 36	4 5	20 27	2 53	22 3	0 54	21 7	1 3	5 46	1 13	19 38	0 34	16 40	0 22	19 18	1 39	13 22	16 57	1 22	1 43	19 23	5 21	1 47
S 18	20 42	26 34	4 38	20 36	2 45	21 51	0 56	20 57	1 3	5 49	1 13	19 36	0 34	16 40	0 22	19 18	1 38	13 22	16 57	1 19	1 42	19 20	5 22	1 47
S 19	20 30	28 12	4 57	20 45	2 35	21 38	0 58	20 47	1 4	5 52	1 12	19 35	0 34	16 41	0 22	19 18	1 38	13 23	16 58	1 15	1 40	19 18	5 22	1 47
M20	20 17	28 26	5 2	20 53	2 25	21 24	1 0	20 36	1 4	5 55	1 12	19 33	0 34	16 41	0 22	19 18	1 38	13 24	16 58	1 11	1 39	19 15	5 23	1 47
T 21	20 4	27 18	4 54	21 2	2 15	21 10	1 1	20 25	1 4	5 58	1 12	19 31	0 34	16 42	0 22	19 17	1 38	13 24	16 59	1 6	1 38	19 13	5 23	1 46
W22	19 51	24 56	4 32	21 11	2 5	20 56	1 3	20 14	1 4	6 1	1 12	19 30	0 34	16 42	0 22	19 17	1 38	13 25	16 59	1 1	1 37	19 10	5 24	1 46
T 23	19 37	21 29	3 59	21 19	1 54	20 40	1 5	20 3	1 4	6 5	1 11	19 28	0 34	16 42	0 22	19 17	1 38	13 26	17 0	0 56	1 35	19 7	5 25	1 46
F 24	19 23	17 11	3 16	21 27	1 44	20 24	1 6	19 52	1 4	6 8	1 11	19 26	0 34	16 43	0 22	19 17	1 38	13 26	17 0	0 52	1 34	19 5	5 25	1 46
S 25	19 9	12 15	2 24	21 34	1 33	20 7	1 8	19 40	1 4	6 11	1 11	19 25	0 34	16 43	0 22	19 17	1 38	13 27	17 1	0 50	1 33	19 2	5 26	1 46
S 26	18 54	6 53	1 25	21 40	1 23	19 50	1 9	19 28	1 4	6 15	1 11	19 23	0 34	16 44	0 22	19 17	1 38	13 28	17 1	0 48	1 32	18 59	5 26	1 46
M27	18 39	1 14	0 23	21 46	1 13	19 32	1 11	19 16	1 4	6 18	1 10	19 21	0 35	16 44	0 22	19 17	1 38	13 28	17 2	0 48	1 30	18 57	5 27	1 45
T 28	18 23	4n31	0n42	21 51	1 2	19 14	1 12	19 3	1 4	6 22	1 10	19 20	0 35	16 44	0 22	19 17	1 38	13 29	17 3	0 48	1 29	18 54	5 28	1 45
W29	18 8	10 13	1 46	21 56	0 52	18 55	1 13	18 51	1 5	6 25	1 10	19 18	0 35	16 45	0 22	19 17	1 38	13 30	17 3	0 48	1 28	18 51	5 28	1 45
T 30	17 52	15 38	2 46	21 59	0 42	18 36	1 15	18 38	1 5	6 29	1 10	19 16	0 35	16 45	0 22	19 17	1 38	13 31	17 4	0 48	1 27	18 48	5 29	1 45
F 31	17s35	20n33	3n39	22s 1	0n33	18s16	1s16	18s25	1s 5	6n33	1s 9	19s14	0s35	16s45	0n22	19n17	1s38	13n31	17n 4	0n48	1n25	18s46	5n30	1n45

Julian Day Number = 2351833.5, Delta T = 10.82 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'45, Lahiri = 20°02'45Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

FEBRUARY 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 34	11♒41'28	0♊38	16♉45	13♒52	12♒13	19♈35	6♒37	17♏36	3°R28	5°R19	2°R 0	3♈31	18♒38	9♈51	S 1
S 2	8 46 30	12°42'16	14°25	17°55	15° 7	13° 0	19°44	6°44	17°37	3♊27	5♎18	1♈56	3°28	18°45	9°53	S 2
M 3	8 50 27	13°43'04	28°41	19° 6	16°22	13°48	19°53	6°51	17°38	3°27	5°17	1°50	3°25	18°51	9°55	M 3
T 4	8 54 24	14°43'49	13♋25	20°20	17°38	14°35	20° 3	6°59	17°39	3°27	5°16	1°43	3°22	18°58	9°58	T 4
W 5	8 58 20	15°44'34	28°30	21°35	18°53	15°23	20°13	7° 6	17°40	3°26	5°15	1°35	3°18	19° 5	10° 0	W 5
T 6	9 2 17	16°45'17	13♌47	22°51	20° 8	16°10	20°23	7°13	17°41	3°26	5°14	1°29	3°15	19°11	10° 3	T 6
F 7	9 6 13	17°45'58	29° 5	24° 9	21°23	16°57	20°33	7°20	17°42	3°26	5°13	1°23	3°12	19°18	10° 5	F 7
S 8	9 10 10	18°46'38	14♍14	25°29	22°38	17°45	20°43	7°27	17°42	3°26	5°12	1°20	3° 9	19°25	10° 8	S 8
S 9	9 14 6	19°47'17	29° 5	26°49	23°54	18°32	20°53	7°34	17°43	3°26	5°11	1°D19	3° 6	19°32	10°10	S 9
M10	9 18 3	20°47'55	13♎30	28°11	25° 9	19°19	21° 3	7°41	17°44	3°25	5°10	1°19	3° 2	19°38	10°13	M10
T 11	9 21 59	21°48'31	27°29	29°35	26°24	20° 7	21°14	7°48	17°44	3°25	5° 9	1°21	2°59	19°45	10°16	T 11
W12	9 25 56	22°49'07	11♏ 1	0♒59	27°39	20°54	21°24	7°55	17°45	3°25	5° 8	1°22	2°56	19°52	10°18	W12
T 13	9 29 53	23°49'41	24° 8	2°24	28°54	21°42	21°35	8° 2	17°45	3°D25	5° 7	1°R23	2°53	19°58	10°21	T 13
F 14	9 33 49	24°50'14	6♐53	3°51	0♓ 9	22°29	21°46	8° 9	17°46	3°25	5° 6	1°22	2°50	20° 5	10°24	F 14
S 15	9 37 46	25°50'46	19°21	5°19	1°24	23°16	21°57	8°16	17°46	3°25	5° 5	1°19	2°47	20°12	10°27	S 15
S 16	9 41 42	26°51'16	1♑35	6°47	2°40	24° 4	22° 8	8°23	17°46	3°26	5° 4	1°15	2°43	20°18	10°30	S 16
M17	9 45 39	27°51'45	13°39	8°17	3°55	24°51	22°19	8°30	17°47	3°26	5° 2	1°10	2°40	20°25	10°32	M17
T 18	9 49 35	28°52'13	25°35	9°48	5°10	25°39	22°30	8°37	17°47	3°26	5° 1	1° 4	2°37	20°32	10°35	T 18
W19	9 53 32	29°52'39	7♒27	11°19	6°25	26°26	22°41	8°44	17°47	3°26	5° 0	0°58	2°34	20°38	10°38	W19
T 20	9 57 29	0♓53'04	19°16	12°52	7°40	27°13	22°52	8°50	17°47	3°26	4°59	0°52	2°31	20°45	10°41	T 20
F 21	10 1 25	1°53'27	1♓ 6	14°26	8°55	28° 1	23° 4	8°57	17°R47	3°26	4°57	0°48	2°28	20°52	10°44	F 21
S 22	10 5 22	2°53'48	12°56	16° 0	10°10	28°48	23°15	9° 4	17°47	3°27	4°56	0°45	2°24	20°58	10°47	S 22
S 23	10 9 18	3°54'07	24°50	17°36	11°25	29°36	23°27	9°11	17°47	3°27	4°55	0°44	2°21	21° 5	10°51	S 23
M24	10 13 15	4°54'25	6♈50	19°13	12°40	0♓23	23°39	9°17	17°47	3°27	4°53	0°D44	2°18	21°12	10°54	M24
T 25	10 17 11	5°54'40	18°58	20°51	13°55	1°10	23°51	9°24	17°47	3°28	4°52	0°45	2°15	21°18	10°57	T 25
W26	10 21 8	6°54'54	1♉17	22°29	15°10	1°58	24° 3	9°31	17°46	3°28	4°50	0°46	2°12	21°25	11° 0	W26
T 27	10 25 4	7°55'06	13°51	24° 9	16°24	2°45	24°15	9°37	17°46	3°29	4°49	0°48	2° 8	21°32	11° 3	T 27
F 28	10 29 1	8♓55'15	26♉43	25♒50	17♓39	3♓32	24♈27	9♒44	17♏46	3♊29	4♎48	0♈49	2♈ 5	21♒38	11♈ 6	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s18	24n36	4n23	22s 3	0n23	17s55	1s17	18s12	1s 5	6n36	1s 9	19s13	0s35	16s46	0n22	19n17	1s38	13n32	17n 5	0n48	1n24	18s43	5n31	1n45
S 2	17 1	27 26	4 54	22 3	0 14	17 34	1 18	17 58	1 5	6 40	1 9	19 11	0 35	16 46	0 22	19 17	1 38	13 33	17 5	0 46	1 23	18 40	5 31	1 45
M 3	16 44	28 36	5 7	22 2	0 5	17 13	1 19	17 45	1 5	6 44	1 9	19 9	0 35	16 46	0 22	19 17	1 38	13 34	17 6	0 44	1 22	18 38	5 32	1 44
T 4	16 26	27 48	5 1	22 0	0s 4	16 51	1 20	17 31	1 5	6 48	1 8	19 7	0 35	16 47	0 22	19 17	1 38	13 35	17 6	0 41	1 20	18 35	5 33	1 44
W 5	16 9	24 59	4 35	21 57	0 13	16 28	1 21	17 17	1 5	6 52	1 8	19 6	0 35	16 47	0 22	19 17	1 37	13 35	17 6	0 38	1 19	18 32	5 34	1 44
T 6	15 50	20 21	3 48	21 53	0 21	16 5	1 22	17 3	1 5	6 56	1 8	19 4	0 35	16 47	0 22	19 17	1 37	13 36	17 7	0 35	1 18	18 30	5 35	1 44
F 7	15 32	14 23	2 45	21 48	0 29	15 42	1 22	16 49	1 5	6 59	1 8	19 2	0 35	16 47	0 22	19 17	1 37	13 37	17 7	0 33	1 16	18 27	5 35	1 44
S 8	15 13	7 37	1 31	21 41	0 37	15 18	1 23	16 34	1 5	7 3	1 7	19 1	0 35	16 47	0 22	19 17	1 37	13 38	17 8	0 32	1 15	18 24	5 36	1 44
S 9	14 54	0 33	0 12	21 34	0 45	14 54	1 24	16 19	1 5	7 8	1 7	18 59	0 36	16 48	0 22	19 17	1 37	13 38	17 8	0 31	1 14	18 21	5 37	1 43
M10	14 35	6s21	1s 6	21 25	0 52	14 29	1 24	16 5	1 5	7 12	1 7	18 57	0 36	16 48	0 22	19 17	1 37	13 39	17 9	0 32	1 13	18 19	5 38	1 43
T 11	14 16	12 44	2 17	21 14	0 59	14 4	1 25	15 50	1 5	7 16	1 7	18 55	0 36	16 48	0 22	19 17	1 37	13 40	17 9	0 32	1 11	18 16	5 39	1 43
W12	13 56	18 18	3 19	21 3	1 6	13 39	1 25	15 34	1 5	7 20	1 7	18 54	0 36	16 48	0 22	19 17	1 37	13 41	17 10	0 33	1 10	18 13	5 40	1 43
T 13	13 36	22 50	4 8	20 50	1 12	13 13	1 26	15 19	1 5	7 24	1 6	18 52	0 36	16 48	0 22	19 17	1 37	13 42	17 10	0 33	1 9	18 10	5 41	1 43
F 14	13 16	26 9	4 44	20 36	1 18	12 47	1 26	15 4	1 5	7 28	1 6	18 50	0 36	16 48	0 22	19 17	1 37	13 43	17 10	0 33	1 8	18 8	5 42	1 43
S 15	12 55	28 7	5 5	20 20	1 24	12 20	1 26	14 48	1 5	7 32	1 6	18 48	0 36	16 48	0 22	19 17	1 37	13 43	17 11	0 32	1 6	18 5	5 43	1 43
S 16	12 35	28 39	5 11	20 3	1 30	11 53	1 27	14 32	1 5	7 37	1 6	18 47	0 36	16 48	0 22	19 17	1 37	13 44	17 11	0 30	1 5	18 2	5 44	1 43
M17	12 14	27 49	5 4	19 45	1 35	11 26	1 27	14 16	1 5	7 41	1 6	18 45	0 36	16 49	0 22	19 17	1 37	13 45	17 12	0 28	1 4	17 59	5 45	1 42
T 18	11 53	25 42	4 44	19 26	1 40	10 59	1 27	14 0	1 5	7 45	1 5	18 43	0 36	16 49	0 22	19 18	1 37	13 46	17 12	0 25	1 3	17 57	5 46	1 42
W19	11 32	22 29	4 11	19 5	1 44	10 31	1 27	13 44	1 4	7 50	1 5	18 42	0 36	16 49	0 22	19 18	1 37	13 47	17 12	0 23	1 1	17 54	5 47	1 42
T 20	11 11	18 21	3 28	18 43	1 48	10 3	1 27	13 28	1 4	7 54	1 5	18 40	0 36	16 49	0 22	19 18	1 37	13 48	17 13	0 21	1 0	17 51	5 48	1 42
F 21	10 49	13 31	2 35	18 19	1 52	9 35	1 27	13 11	1 4	7 59	1 5	18 38	0 37	16 49	0 22	19 18	1 36	13 48	17 13	0 19	0 59	17 48	5 49	1 42
S 22	10 27	8 12	1 36	17 54	1 56	9 6	1 27	12 55	1 4	8 3	1 5	18 36	0 37	16 49	0 22	19 18	1 36	13 49	17 13	0 18	0 57	17 45	5 50	1 42
S 23	10 6	2 33	0 32	17 28	1 59	8 38	1 26	12 38	1 4	8 8	1 4	18 35	0 37	16 49	0 22	19 18	1 36	13 50	17 14	0 17	0 56	17 43	5 51	1 42
M24	9 44	3n14	0n34	17 1	2 2	8 9	1 26	12 21	1 4	8 12	1 4	18 33	0 37	16 49	0 22	19 18	1 36	13 51	17 14	0 17	0 55	17 40	5 52	1 41
T 25	9 21	8 58	1 39	16 32	2 4	7 39	1 26	12 4	1 4	8 17	1 4	18 31	0 37	16 48	0 22	19 18	1 36	13 52	17 14	0 18	0 54	17 37	5 54	1 41
W26	8 59	14 27	2 40	16 1	2 6	7 10	1 25	11 47	1 4	8 21	1 4	18 30	0 37	16 48	0 22	19 18	1 36	13 53	17 15	0 18	0 52	17 34	5 55	1 41
T 27	8 37	19 27	3 36	15 30	2 7	6 41	1 25	11 30	1 4	8 26	1 4	18 28	0 37	16 48	0 22	19 19	1 36	13 53	17 15	0 19	0 51	17 31	5 56	1 41
F 28	8s14	23n41	4n22	14s57	2s 9	6s11	1s24	11s13	1s 3	8n30	1s 3	18s26	0s37	16s48	0n22	19n19	1s36	13n54	17n15	0n20	0n50	17s29	5n57	1n41

Julian Day Number = 2351864.5, Delta T = 10.83 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'49, Lahiri = 20°02'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

MARCH 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 32 57	9♓55'23	9♊56	27♒32	18♓54	4♓20	24♈39	9♒50	17°R45	3♊30	4°R46	0°R50	2♈ 2	21♒45	11♈10	S 1
S 2	10 36 54	10°55'28	23°33	29°15	20° 9	5° 7	24°51	9°57	17♏45	3°30	4♎45	0♈49	1°59	21°52	11°13	S 2
M 3	10 40 51	11°55'32	7♋36	0♓59	21°24	5°54	25° 3	10° 3	17°44	3°31	4°43	0°48	1°56	21°58	11°16	M 3
T 4	10 44 47	12°55'33	22° 3	2°44	22°39	6°41	25°16	10°10	17°44	3°32	4°42	0°46	1°53	22° 5	11°20	T 4
W 5	10 48 44	13°55'32	6♌51	4°30	23°53	7°29	25°28	10°16	17°43	3°32	4°40	0°44	1°49	22°12	11°23	W 5
T 6	10 52 40	14°55'29	21°54	6°17	25° 8	8°16	25°41	10°23	17°43	3°33	4°39	0°42	1°46	22°18	11°26	T 6
F 7	10 56 37	15°55'24	7♍ 3	8° 6	26°23	9° 3	25°53	10°29	17°42	3°34	4°37	0°40	1°43	22°25	11°30	F 7
S 8	11 0 33	16°55'16	22° 9	9°56	27°37	9°50	26° 6	10°35	17°41	3°35	4°35	0°39	1°40	22°32	11°33	S 8
S 9	11 4 30	17°55'07	7♎ 4	11°46	28°52	10°38	26°19	10°41	17°40	3°35	4°34	0°D39	1°37	22°39	11°37	S 9
M10	11 8 26	18°54'56	21°38	13°38	0♈ 7	11°25	26°32	10°47	17°39	3°36	4°32	0°40	1°34	22°45	11°40	M10
T 11	11 12 23	19°54'43	5♏48	15°31	1°21	12°12	26°44	10°54	17°38	3°37	4°31	0°41	1°30	22°52	11°44	T 11
W12	11 16 20	20°54'29	19°31	17°25	2°36	12°59	26°57	11° 0	17°38	3°38	4°29	0°42	1°27	22°59	11°47	W12
T 13	11 20 16	21°54'12	2♐48	19°21	3°50	13°46	27°10	11° 6	17°36	3°39	4°28	0°42	1°24	23° 5	11°51	T 13
F 14	11 24 13	22°53'55	15°40	21°17	5° 5	14°33	27°23	11°12	17°35	3°40	4°26	0°43	1°21	23°12	11°54	F 14
S 15	11 28 9	23°53'35	28°10	23°15	6°19	15°20	27°37	11°18	17°34	3°41	4°24	0°R43	1°18	23°19	11°58	S 15
S 16	11 32 6	24°53'14	10♑24	25°13	7°34	16° 7	27°50	11°23	17°33	3°42	4°23	0°43	1°14	23°25	12° 1	S 16
M17	11 36 2	25°52'51	22°26	27°12	8°48	16°55	28° 3	11°29	17°32	3°43	4°21	0°42	1°11	23°32	12° 5	M17
T 18	11 39 59	26°52'26	4♒19	29°12	10° 3	17°42	28°16	11°35	17°31	3°44	4°19	0°42	1° 8	23°39	12° 8	T 18
W19	11 43 55	27°51'59	16° 8	1♈13	11°17	18°29	28°30	11°41	17°29	3°45	4°18	0°41	1° 5	23°45	12°12	W19
T 20	11 47 52	28°51'30	27°57	3°14	12°32	19°16	28°43	11°46	17°28	3°46	4°16	0°41	1° 2	23°52	12°16	T 20
F 21	11 51 49	29°50'59	9♓47	5°15	13°46	20° 2	28°56	11°52	17°27	3°47	4°14	0°41	0°59	23°59	12°19	F 21
S 22	11 55 45	0♈50'27	21°43	7°17	15° 0	20°49	29°10	11°57	17°25	3°49	4°13	0°D41	0°55	24° 5	12°23	S 22
S 23	11 59 42	1°49'52	3♈46	9°19	16°15	21°36	29°23	12° 3	17°24	3°50	4°11	0°R41	0°52	24°12	12°27	S 23
M24	12 3 38	2°49'16	15°58	11°20	17°29	22°23	29°37	12° 8	17°22	3°51	4° 9	0°41	0°49	24°19	12°30	M24
T 25	12 7 35	3°48'37	28°21	13°20	18°43	23°10	29°51	12°14	17°21	3°52	4° 8	0°40	0°46	24°25	12°34	T 25
W26	12 11 31	4°47'56	10♉55	15°20	19°58	23°57	0♉ 4	12°19	17°19	3°54	4° 6	0°40	0°43	24°32	12°38	W26
T 27	12 15 28	5°47'13	23°43	17°18	21°12	24°44	0°18	12°24	17°17	3°55	4° 4	0°39	0°39	24°39	12°41	T 27
F 28	12 19 24	6°46'28	6♊46	19°14	22°26	25°30	0°32	12°29	17°16	3°56	4° 3	0°39	0°36	24°45	12°45	F 28
S 29	12 23 21	7°45'40	20° 5	21° 8	23°40	26°17	0°46	12°34	17°14	3°58	4° 1	0°38	0°33	24°52	12°49	S 29
S 30	12 27 18	8°44'50	3♋41	23° 0	24°54	27° 4	0°59	12°39	17°12	3°59	3°59	0°D38	0°30	24°59	12°52	S 30
M31	12 31 14	9♈43'58	17♋35	24♈48	26♈ 8	27♓50	1♉13	12♒44	17♏11	4♊ 1	3♎58	0♈38	0♈27	25♒ 5	12♈56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s52	26n50	4n55	14s22	2s 9	5s41	1s24	10s55	1s 3	8n35	1s 3	18s25	0s37	16s48	0n22	19n19	1s36	13n55	17n16	0n20	0n49	17s26	5n58	1n41
S 2	7 29	28 32	5 13	13 47	2 10	5 11	1 23	10 38	1 3	8 40	1 3	18 23	0 37	16 48	0 22	19 19	1 36	13 56	17 16	0 20	0 47	17 23	5 59	1 41
M 3	7 6	28 28	5 13	13 10	2 9	4 41	1 22	10 20	1 3	8 44	1 3	18 21	0 38	16 48	0 22	19 19	1 36	13 57	17 16	0 19	0 46	17 20	6 1	1 41
T 4	6 43	26 31	4 54	12 31	2 9	4 10	1 21	10 2	1 3	8 49	1 3	18 20	0 38	16 48	0 22	19 19	1 36	13 58	17 16	0 18	0 45	17 17	6 2	1 40
W 5	6 20	22 42	4 15	11 52	2 8	3 40	1 21	9 45	1 3	8 54	1 3	18 18	0 38	16 47	0 22	19 20	1 36	13 58	17 17	0 17	0 44	17 14	6 3	1 40
T 6	5 57	17 21	3 18	11 10	2 6	3 9	1 20	9 27	1 2	8 58	1 2	18 16	0 38	16 47	0 22	19 20	1 36	13 59	17 17	0 17	0 42	17 12	6 4	1 40
F 7	5 34	10 54	2 7	10 28	2 4	2 39	1 19	9 9	1 2	9 3	1 2	18 15	0 38	16 47	0 22	19 20	1 36	14 0	17 17	0 16	0 41	17 9	6 5	1 40
S 8	5 10	3 50	0 47	9 44	2 2	2 8	1 18	8 51	1 2	9 8	1 2	18 13	0 38	16 47	0 22	19 20	1 36	14 1	17 17	0 16	0 40	17 6	6 7	1 40
S 9	4 47	3s21	0s35	8 59	1 59	1 37	1 16	8 33	1 2	9 13	1 2	18 12	0 38	16 47	0 22	19 20	1 36	14 2	17 18	0 16	0 39	17 3	6 8	1 40
M10	4 24	10 12	1 54	8 13	1 55	1 6	1 15	8 15	1 2	9 17	1 2	18 10	0 38	16 46	0 22	19 21	1 35	14 2	17 18	0 16	0 37	17 0	6 9	1 40
T 11	4 0	16 21	3 3	7 26	1 51	0 36	1 14	7 56	1 1	9 22	1 2	18 9	0 38	16 46	0 22	19 21	1 35	14 3	17 18	0 16	0 36	16 57	6 10	1 40
W12	3 37	21 28	3 59	6 37	1 47	0 5	1 13	7 38	1 1	9 27	1 2	18 7	0 38	16 46	0 22	19 21	1 35	14 4	17 18	0 17	0 35	16 54	6 12	1 40
T 13	3 13	25 20	4 41	5 47	1 42	0n26	1 11	7 20	1 1	9 32	1 1	18 5	0 39	16 45	0 22	19 21	1 35	14 5	17 18	0 17	0 33	16 52	6 13	1 40
F 14	2 49	27 47	5 6	4 56	1 36	0 57	1 10	7 1	1 1	9 37	1 1	18 4	0 39	16 45	0 22	19 22	1 35	14 6	17 19	0 17	0 32	16 49	6 14	1 39
S 15	2 26	28 45	5 17	4 4	1 30	1 28	1 9	6 43	1 0	9 41	1 1	18 2	0 39	16 45	0 22	19 22	1 35	14 6	17 19	0 17	0 31	16 46	6 16	1 39
S 16	2 2	28 16	5 13	3 11	1 23	1 59	1 7	6 24	1 0	9 46	1 1	18 1	0 39	16 45	0 22	19 22	1 35	14 7	17 19	0 17	0 30	16 43	6 17	1 39
M17	1 38	26 27	4 55	2 17	1 16	2 30	1 5	6 6	1 0	9 51	1 1	17 59	0 39	16 44	0 22	19 22	1 35	14 8	17 19	0 17	0 28	16 40	6 18	1 39
T 18	1 15	23 29	4 24	1 22	1 8	3 0	1 4	5 47	1 0	9 56	1 1	17 58	0 39	16 44	0 22	19 23	1 35	14 9	17 19	0 17	0 27	16 37	6 19	1 39
W19	0 51	19 34	3 43	0 26	1 0	3 31	1 2	5 29	0 59	10 1	1 1	17 56	0 39	16 43	0 22	19 23	1 35	14 9	17 19	0 16	0 26	16 34	6 21	1 39
T 20	0 27	14 54	2 52	0n30	0 51	4 2	1 0	5 10	0 59	10 6	1 0	17 55	0 39	16 43	0 22	19 23	1 35	14 10	17 19	0 16	0 25	16 31	6 22	1 39
F 21	0 4	9 40	1 53	1 27	0 42	4 32	0 59	4 51	0 59	10 11	1 0	17 53	0 40	16 43	0 22	19 23	1 35	14 11	17 19	0 16	0 23	16 28	6 23	1 39
S 22	0n20	4 3	0 50	2 24	0 32	5 3	0 57	4 32	0 59	10 15	1 0	17 52	0 40	16 42	0 22	19 24	1 35	14 12	17 19	0 16	0 22	16 26	6 25	1 39
S 23	0 44	1n46	0n17	3 22	0 22	5 33	0 55	4 14	0 58	10 20	1 0	17 51	0 40	16 42	0 22	19 24	1 35	14 12	17 19	0 16	0 21	16 23	6 26	1 39
M24	1 7	7 35	1 24	4 19	0 11	6 3	0 53	3 55	0 58	10 25	1 0	17 49	0 40	16 41	0 22	19 24	1 35	14 13	17 20	0 16	0 20	16 20	6 28	1 38
T 25	1 31	13 12	2 28	5 16	0n 0	6 34	0 51	3 36	0 58	10 30	1 0	17 48	0 40	16 41	0 22	19 24	1 35	14 14	17 20	0 16	0 18	16 17	6 29	1 38
W26	1 55	18 22	3 25	6 13	0 11	7 4	0 49	3 17	0 57	10 35	1 0	17 46	0 40	16 41	0 22	19 25	1 35	14 14	17 20	0 16	0 17	16 14	6 30	1 38
T 27	2 18	22 49	4 14	7 9	0 23	7 33	0 47	2 58	0 57	10 40	1 0	17 45	0 40	16 40	0 22	19 25	1 35	14 15	17 20	0 16	0 16	16 11	6 32	1 38
F 28	2 42	26 14	4 50	8 4	0 35	8 3	0 45	2 39	0 57	10 45	0 59	17 44	0 40	16 40	0 22	19 25	1 34	14 16	17 20	0 15	0 14	16 8	6 33	1 38
S 29	3 5	28 17	5 12	8 58	0 46	8 32	0 43	2 20	0 56	10 50	0 59	17 42	0 40	16 39	0 22	19 26	1 34	14 16	17 20	0 15	0 13	16 5	6 34	1 38
S 30	3 28	28 42	5 17	9 51	0 58	9 2	0 41	2 2	0 56	10 55	0 59	17 41	0 41	16 39	0 22	19 26	1 34	14 17	17 20	0 15	0 12	16 2	6 36	1 38
M31	3n52	27n20	5n 3	10n42	1n10	9n31	0s38	1s43	0s56	11n 0	0s59	17s40	0s41	16s38	0n22	19n26	1s34	14n18	17n20	0n15	0n11	15s59	6n37	1n38

Julian Day Number = 2351892.5, Delta T = 10.84 sec
Ecliptic obliquity = 23°28'39, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'53, Lahiri = 20°02'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

APRIL 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 11	10♈43'04	1♌46	26♈34	27♈22	28♓37	1♉27	12♒49	17°R 9	4♊ 2	3°R56	0♈38	0♈24	25♒12	13♈ 0	T 1
W 2	12 39 7	11°42'07	16°13	28°15	28°36	29°24	1°41	12°54	17♏ 7	4° 4	3♎54	0°39	0°20	25°19	13° 3	W 2
T 3	12 43 4	12°41'07	0♍52	29°53	29°50	0♈10	1°55	12°59	17° 5	4° 5	3°53	0°40	0°17	25°25	13° 7	T 3
F 4	12 47 0	13°40'06	15°39	1♉26	1♉ 4	0°57	2° 9	13° 3	17° 3	4° 7	3°51	0°41	0°14	25°32	13°11	F 4
S 5	12 50 57	14°39'02	0♎26	2°55	2°18	1°43	2°23	13° 8	17° 1	4° 8	3°50	0°R41	0°11	25°39	13°14	S 5
S 6	12 54 53	15°37'56	15° 7	4°18	3°32	2°30	2°37	13°13	16°59	4°10	3°48	0°41	0° 8	25°45	13°18	S 6
M 7	12 58 50	16°36'48	29°34	5°37	4°46	3°16	2°51	13°17	16°57	4°12	3°46	0°40	0° 5	25°52	13°22	M 7
T 8	13 2 47	17°35'38	13♏43	6°50	6° 0	4° 2	3° 5	13°21	16°55	4°13	3°45	0°38	0° 1	25°59	13°26	T 8
W 9	13 6 43	18°34'26	27°29	7°58	7°14	4°49	3°19	13°26	16°53	4°15	3°43	0°35	29♓58	26° 5	13°29	W 9
T 10	13 10 40	19°33'13	10♐51	9° 0	8°27	5°35	3°33	13°30	16°51	4°17	3°41	0°33	29°55	26°12	13°33	T 10
F 11	13 14 36	20°31'58	23°48	9°57	9°41	6°21	3°47	13°34	16°49	4°18	3°40	0°30	29°52	26°19	13°37	F 11
S 12	13 18 33	21°30'41	6♑24	10°47	10°55	7° 8	4° 2	13°38	16°46	4°20	3°38	0°29	29°49	26°25	13°40	S 12
S 13	13 22 29	22°29'23	18°41	11°32	12° 8	7°54	4°16	13°42	16°44	4°22	3°37	0°D28	29°45	26°32	13°44	S 13
M14	13 26 26	23°28'02	0♒44	12°10	13°22	8°40	4°30	13°46	16°42	4°24	3°35	0°28	29°42	26°39	13°48	M14
T 15	13 30 22	24°26'40	12°37	12°42	14°36	9°26	4°44	13°50	16°40	4°25	3°34	0°29	29°39	26°45	13°51	T 15
W16	13 34 19	25°25'16	24°26	13° 9	15°49	10°12	4°58	13°54	16°37	4°27	3°32	0°31	29°36	26°52	13°55	W16
T 17	13 38 16	26°23'51	6♓16	13°29	17° 3	10°58	5°13	13°57	16°35	4°29	3°31	0°32	29°33	26°59	13°59	T 17
F 18	13 42 12	27°22'24	18° 9	13°43	18°16	11°44	5°27	14° 1	16°33	4°31	3°29	0°34	29°30	27° 5	14° 2	F 18
S 19	13 46 9	28°20'55	0♈11	13°51	19°30	12°30	5°41	14° 4	16°30	4°33	3°28	0°R34	29°26	27°12	14° 6	S 19
S 20	13 50 5	29°19'24	12°24	13°R53	20°43	13°16	5°55	14° 8	16°28	4°35	3°26	0°34	29°23	27°19	14° 9	S 20
M21	13 54 2	0♉17'51	24°50	13°50	21°57	14° 2	6°10	14°11	16°26	4°37	3°25	0°32	29°20	27°25	14°13	M21
T 22	13 57 58	1°16'17	7♉31	13°41	23°10	14°48	6°24	14°14	16°23	4°38	3°23	0°28	29°17	27°32	14°17	T 22
W23	14 1 55	2°14'41	20°27	13°27	24°23	15°33	6°38	14°18	16°21	4°40	3°22	0°23	29°14	27°39	14°20	W23
T 24	14 5 51	3°13'03	3♊36	13° 8	25°37	16°19	6°53	14°21	16°18	4°42	3°20	0°18	29°11	27°45	14°24	T 24
F 25	14 9 48	4°11'23	17° 0	12°45	26°50	17° 5	7° 7	14°24	16°16	4°44	3°19	0°13	29° 7	27°52	14°27	F 25
S 26	14 13 45	5° 9'41	0♋36	12°18	28° 3	17°51	7°21	14°27	16°14	4°46	3°18	0° 8	29° 4	27°59	14°31	S 26
S 27	14 17 41	6° 7'57	14°23	11°47	29°16	18°36	7°36	14°29	16°11	4°48	3°16	0° 5	29° 1	28° 5	14°34	S 27
M28	14 21 38	7° 6'11	28°20	11°14	0♊29	19°22	7°50	14°32	16° 9	4°50	3°15	0° 3	28°58	28°12	14°38	M28
T 29	14 25 34	8° 4'23	12♌25	10°39	1°43	20° 7	8° 4	14°35	16° 6	4°52	3°14	0°D 3	28°55	28°19	14°41	T 29
W30	14 29 31	9♉ 2'32	26♌37	10♉ 2	2♊56	20♈53	8♉19	14♒37	16♏ 4	4♊55	3♎12	0♈ 4	28♓51	28♒25	14♈45	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n15	24n12	4n32	11n32	1n21	10n 0	0s36	1s24	0s55	11n 5	0s59	17s39	0s41	16s38	0n22	19n27	1s34	14n18	17n20	0n15	0n 9	15s56	6n38	1n38
W 2	4 38	19 32	3 42	12 19	1 33	10 28	0 34	1 5	0 55	11 9	0 59	17 37	0 41	16 37	0 22	19 27	1 34	14 19	17 20	0 16	0 8	15 53	6 40	1 38
T 3	5 1	13 38	2 38	13 4	1 44	10 57	0 31	0 46	0 55	11 14	0 59	17 36	0 41	16 36	0 22	19 27	1 34	14 19	17 20	0 16	0 7	15 50	6 41	1 38
F 4	5 24	6 56	1 22	13 46	1 54	11 25	0 29	0 27	0 54	11 19	0 59	17 35	0 41	16 36	0 22	19 28	1 34	14 20	17 19	0 16	0 6	15 47	6 43	1 38
S 5	5 47	0s 9	0 1	14 27	2 4	11 52	0 27	0 8	0 54	11 24	0 59	17 34	0 41	16 35	0 22	19 28	1 34	14 21	17 19	0 16	0 4	15 44	6 44	1 38
S 6	6 10	7 10	1s19	15 4	2 13	12 20	0 24	0n11	0 54	11 29	0 58	17 33	0 42	16 35	0 22	19 28	1 34	14 21	17 19	0 16	0 3	15 42	6 45	1 37
M 7	6 32	13 43	2 33	15 39	2 22	12 47	0 22	0 29	0 53	11 34	0 58	17 31	0 42	16 34	0 22	19 29	1 34	14 22	17 19	0 16	0 2	15 39	6 47	1 37
T 8	6 55	19 25	3 36	16 11	2 30	13 14	0 19	0 48	0 53	11 39	0 58	17 30	0 42	16 34	0 22	19 29	1 34	14 22	17 19	0 15	0 1	15 36	6 48	1 37
W 9	7 17	23 55	4 25	16 40	2 37	13 41	0 17	1 7	0 52	11 44	0 58	17 29	0 42	16 33	0 22	19 29	1 34	14 23	17 19	0 14	0s 1	15 33	6 49	1 37
T 10	7 40	27 0	4 57	17 6	2 43	14 7	0 14	1 26	0 52	11 49	0 58	17 28	0 42	16 32	0 22	19 30	1 34	14 23	17 19	0 13	0 2	15 30	6 51	1 37
F 11	8 2	28 33	5 13	17 29	2 49	14 33	0 12	1 44	0 52	11 54	0 58	17 27	0 42	16 32	0 22	19 30	1 34	14 24	17 19	0 12	0 3	15 27	6 52	1 37
S 12	8 24	28 33	5 14	17 49	2 53	14 59	0 9	2 3	0 51	11 58	0 58	17 26	0 42	16 31	0 22	19 30	1 34	14 24	17 19	0 11	0 5	15 24	6 54	1 37
S 13	8 46	27 7	5 0	18 6	2 56	15 24	0 7	2 22	0 51	12 3	0 58	17 25	0 42	16 31	0 22	19 31	1 34	14 25	17 18	0 11	0 6	15 21	6 55	1 37
M14	9 8	24 28	4 33	18 20	2 58	15 49	0 4	2 40	0 50	12 8	0 58	17 24	0 43	16 30	0 22	19 31	1 34	14 25	17 18	0 11	0 7	15 18	6 56	1 37
T 15	9 29	20 47	3 54	18 31	2 59	16 13	0 2	2 59	0 50	12 13	0 58	17 23	0 43	16 29	0 22	19 32	1 34	14 26	17 18	0 12	0 8	15 15	6 58	1 37
W16	9 51	16 19	3 6	18 39	2 59	16 37	0n 1	3 17	0 49	12 18	0 58	17 22	0 43	16 29	0 22	19 32	1 34	14 26	17 18	0 12	0 10	15 12	6 59	1 37
T 17	10 12	11 14	2 10	18 44	2 57	17 1	0 4	3 36	0 49	12 23	0 57	17 21	0 43	16 28	0 22	19 32	1 34	14 27	17 18	0 13	0 11	15 9	7 0	1 37
F 18	10 33	5 44	1 8	18 45	2 54	17 24	0 6	3 54	0 48	12 27	0 57	17 20	0 43	16 27	0 22	19 33	1 34	14 27	17 18	0 13	0 12	15 6	7 2	1 37
S 19	10 54	0n 3	0 2	18 44	2 50	17 47	0 9	4 13	0 48	12 32	0 57	17 19	0 43	16 27	0 22	19 33	1 34	14 27	17 17	0 14	0 13	15 3	7 3	1 37
S 20	11 15	5 54	1n 4	18 39	2 45	18 9	0 12	4 31	0 48	12 37	0 57	17 18	0 43	16 26	0 22	19 33	1 33	14 28	17 17	0 13	0 15	15 0	7 5	1 37
M21	11 36	11 38	2 9	18 31	2 38	18 31	0 14	4 49	0 47	12 42	0 57	17 18	0 44	16 25	0 22	19 34	1 33	14 28	17 17	0 13	0 16	14 57	7 6	1 37
T 22	11 56	17 1	3 9	18 21	2 29	18 52	0 17	5 7	0 47	12 47	0 57	17 17	0 44	16 25	0 22	19 34	1 33	14 28	17 17	0 11	0 17	14 54	7 7	1 37
W23	12 16	21 44	3 59	18 7	2 20	19 13	0 20	5 25	0 46	12 51	0 57	17 16	0 44	16 24	0 22	19 35	1 33	14 29	17 16	0 9	0 18	14 51	7 9	1 37
T 24	12 36	25 28	4 39	17 51	2 9	19 33	0 22	5 43	0 46	12 56	0 57	17 15	0 44	16 23	0 22	19 35	1 33	14 29	17 16	0 7	0 20	14 48	7 10	1 36
F 25	12 56	27 52	5 3	17 33	1 57	19 53	0 25	6 1	0 45	13 1	0 57	17 15	0 44	16 23	0 22	19 35	1 33	14 29	17 16	0 5	0 21	14 45	7 11	1 36
S 26	13 16	28 40	5 11	17 12	1 44	20 12	0 28	6 19	0 45	13 6	0 57	17 14	0 44	16 22	0 22	19 36	1 33	14 30	17 16	0 3	0 22	14 41	7 13	1 36
S 27	13 35	27 42	5 2	16 49	1 30	20 31	0 30	6 37	0 44	13 10	0 57	17 13	0 44	16 21	0 22	19 36	1 33	14 30	17 15	0 2	0 24	14 38	7 14	1 36
M28	13 54	25 0	4 34	16 24	1 15	20 49	0 33	6 55	0 44	13 15	0 57	17 13	0 45	16 20	0 22	19 36	1 33	14 30	17 15	0 1	0 25	14 35	7 15	1 36
T 29	14 13	20 47	3 50	15 58	0 59	21 7	0 36	7 13	0 43	13 20	0 57	17 12	0 45	16 20	0 22	19 37	1 33	14 31	17 15	0 1	0 26	14 32	7 17	1 36
W30	14n32	15n21	2n52	15n31	0n42	21n24	0n38	7n30	0s43	13n24	0s57	17s11	0s45	16s19	0n22	19n37	1s33	14n31	17n15	0n 1	0s27	14s29	7n18	1n36

Julian Day Number = 2351923.5, Delta T = 10.85 sec
Ecliptic obliquity = 23°28'39, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°55'57, Lahiri = 20°02'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

MAY 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 33 27	10♉ 0'40	10♍55	9°R24	4♊ 9	21♈38	8♉33	14♒40	16°R 1	4♊57	3°R11	0♈ 5	28♓48	28♒32	14♈48	T 1
F 2	14 37 24	10°58'46	25°16	8♉46	5°22	22°23	8°47	14°42	15♏59	4°59	3♎10	0°R 6	28°45	28°39	14°52	F 2
S 3	14 41 20	11°56'49	9♎36	8° 8	6°35	23° 9	9° 1	14°44	15°56	5° 1	3° 9	0° 6	28°42	28°45	14°55	S 3
S 4	14 45 17	12°54'51	23°52	7°32	7°47	23°54	9°16	14°47	15°54	5° 3	3° 8	0° 4	28°39	28°52	14°58	S 4
M 5	14 49 14	13°52'52	8♏ 0	6°57	9° 0	24°39	9°30	14°49	15°51	5° 5	3° 6	29♓59	28°36	28°59	15° 2	M 5
T 6	14 53 10	14°50'50	21°54	6°25	10°13	25°24	9°44	14°51	15°49	5° 7	3° 5	29°54	28°32	29° 5	15° 5	T 6
W 7	14 57 7	15°48'47	5♐30	5°56	11°26	26° 9	9°59	14°52	15°46	5° 9	3° 4	29°46	28°29	29°12	15° 8	W 7
T 8	15 1 3	16°46'43	18°47	5°30	12°39	26°54	10°13	14°54	15°44	5°11	3° 3	29°38	28°26	29°19	15°12	T 8
F 9	15 5 0	17°44'37	1♑43	5° 7	13°51	27°39	10°27	14°56	15°41	5°14	3° 2	29°31	28°23	29°25	15°15	F 9
S 10	15 8 56	18°42'30	14°19	4°49	15° 4	28°24	10°41	14°58	15°38	5°16	3° 1	29°24	28°20	29°32	15°18	S 10
S 11	15 12 53	19°40'22	26°37	4°35	16°17	29° 9	10°56	14°59	15°36	5°18	3° 0	29°20	28°17	29°39	15°21	S 11
M12	15 16 49	20°38'12	8♒41	4°25	17°29	29°54	11°10	15° 1	15°33	5°20	2°59	29°17	28°13	29°45	15°25	M12
T 13	15 20 46	21°36'01	20°36	4°19	18°42	0♉39	11°24	15° 2	15°31	5°22	2°58	29°D16	28°10	29°52	15°28	T 13
W14	15 24 43	22°33'49	2♓25	4°D18	19°54	1°24	11°38	15° 3	15°28	5°24	2°57	29°16	28° 7	29°59	15°31	W14
T 15	15 28 39	23°31'36	14°15	4°22	21° 7	2° 8	11°52	15° 4	15°26	5°27	2°56	29°17	28° 4	0♈ 5	15°34	T 15
F 16	15 32 36	24°29'22	26°11	4°30	22°19	2°53	12° 6	15° 5	15°23	5°29	2°55	29°R18	28° 1	0°12	15°37	F 16
S 17	15 36 32	25°27'06	8♈18	4°43	23°32	3°38	12°20	15° 6	15°21	5°31	2°54	29°18	27°57	0°19	15°40	S 17
S 18	15 40 29	26°24'49	20°39	5° 0	24°44	4°22	12°35	15° 7	15°18	5°33	2°53	29°16	27°54	0°25	15°43	S 18
M19	15 44 25	27°22'31	3♉17	5°22	25°56	5° 7	12°49	15° 8	15°16	5°35	2°53	29°11	27°51	0°32	15°46	M19
T 20	15 48 22	28°20'12	16°15	5°48	27° 9	5°51	13° 3	15° 8	15°14	5°38	2°52	29° 4	27°48	0°39	15°49	T 20
W21	15 52 18	29°17'52	29°32	6°18	28°21	6°36	13°17	15° 9	15°11	5°40	2°51	28°55	27°45	0°45	15°52	W21
T 22	15 56 15	0♊15'31	13♊ 7	6°52	29°33	7°20	13°31	15° 9	15° 9	5°42	2°50	28°45	27°42	0°52	15°55	T 22
F 23	16 0 12	1°13'08	26°56	7°31	0♋45	8° 4	13°45	15°10	15° 6	5°44	2°50	28°35	27°38	0°59	15°58	F 23
S 24	16 4 8	2°10'45	10♋57	8°13	1°57	8°48	13°59	15°10	15° 4	5°47	2°49	28°26	27°35	1° 5	16° 0	S 24
S 25	16 8 5	3° 8'19	25° 4	8°58	3° 9	9°33	14°12	15°10	15° 2	5°49	2°48	28°19	27°32	1°12	16° 3	S 25
M26	16 12 1	4° 5'53	9♌15	9°48	4°21	10°17	14°26	15°R10	14°59	5°51	2°48	28°15	27°29	1°19	16° 6	M26
T 27	16 15 58	5° 3'25	23°25	10°41	5°33	11° 1	14°40	15°10	14°57	5°53	2°47	28°12	27°26	1°25	16° 9	T 27
W28	16 19 54	6° 0'55	7♍35	11°37	6°45	11°45	14°54	15°10	14°55	5°56	2°47	28°D12	27°23	1°32	16°11	W28
T 29	16 23 51	6°58'24	21°41	12°37	7°57	12°29	15° 8	15°10	14°52	5°58	2°46	28°R12	27°19	1°39	16°14	T 29
F 30	16 27 47	7°55'52	5♎43	13°40	9° 9	13°13	15°21	15° 9	14°50	6° 0	2°46	28°12	27°16	1°45	16°17	F 30
S 31	16 31 44	8♊53'18	19♎40	14♉46	10♋20	13♉56	15♉35	15♒ 9	14♏48	6♊ 2	2♎45	28♓10	27♓13	1♓52	16♈19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n50	9n 4	1n42	15n 3	0n25	21n41	0n41	7n48	0s42	13n29	0s57	17s11	0s45	16s18	0n22	19n38	1s33	14n31	17n14	0n 2	0s29	14s26	7n19	1n36
F 2	15 9	2 17	0 26	14 34	0 8	21 57	0 44	8 5	0 42	13 34	0 57	17 10	0 45	16 18	0 22	19 38	1 33	14 31	17 14	0 2	0 30	14 23	7 20	1 36
S 3	15 27	4s36	0s51	14 6	0s 9	22 12	0 46	8 22	0 41	13 38	0 57	17 10	0 45	16 17	0 22	19 38	1 33	14 31	17 14	0 2	0 31	14 20	7 22	1 36
S 4	15 44	11 13	2 5	13 38	0 27	22 27	0 49	8 40	0 41	13 43	0 56	17 9	0 46	16 16	0 22	19 39	1 33	14 32	17 13	0 1	0 32	14 17	7 23	1 36
M 5	16 2	17 12	3 11	13 10	0 44	22 41	0 51	8 57	0 40	13 47	0 56	17 9	0 46	16 15	0 22	19 39	1 33	14 32	17 13	0s 0	0 34	14 14	7 24	1 36
T 6	16 19	22 11	4 3	12 44	1 0	22 54	0 54	9 14	0 40	13 52	0 56	17 8	0 46	16 15	0 22	19 40	1 33	14 32	17 13	0 3	0 35	14 11	7 26	1 36
W 7	16 36	25 52	4 41	12 19	1 17	23 7	0 56	9 31	0 39	13 56	0 56	17 8	0 46	16 14	0 22	19 40	1 33	14 32	17 12	0 5	0 36	14 8	7 27	1 36
T 8	16 53	28 1	5 2	11 55	1 32	23 19	0 59	9 47	0 38	14 1	0 56	17 7	0 46	16 13	0 22	19 40	1 33	14 32	17 12	0 9	0 37	14 5	7 28	1 36
F 9	17 9	28 35	5 8	11 34	1 47	23 31	1 1	10 4	0 38	14 5	0 56	17 7	0 46	16 13	0 22	19 41	1 33	14 32	17 12	0 12	0 39	14 2	7 29	1 36
S 10	17 25	27 38	4 58	11 14	2 1	23 41	1 4	10 21	0 37	14 10	0 56	17 7	0 46	16 12	0 22	19 41	1 33	14 32	17 11	0 14	0 40	13 59	7 31	1 36
S 11	17 41	25 20	4 34	10 57	2 15	23 52	1 6	10 37	0 37	14 14	0 56	17 6	0 47	16 11	0 22	19 42	1 33	14 32	17 11	0 16	0 41	13 56	7 32	1 36
M12	17 56	21 57	3 58	10 42	2 27	24 1	1 8	10 53	0 36	14 19	0 56	17 6	0 47	16 10	0 22	19 42	1 33	14 32	17 10	0 17	0 42	13 53	7 33	1 36
T 13	18 12	17 42	3 13	10 30	2 38	24 10	1 11	11 10	0 36	14 23	0 56	17 6	0 47	16 10	0 22	19 42	1 33	14 32	17 10	0 18	0 44	13 49	7 34	1 36
W14	18 26	12 48	2 19	10 20	2 48	24 18	1 13	11 26	0 35	14 28	0 56	17 6	0 47	16 9	0 22	19 43	1 33	14 32	17 10	0 17	0 45	13 46	7 35	1 36
T 15	18 41	7 26	1 20	10 12	2 58	24 26	1 15	11 42	0 34	14 32	0 56	17 6	0 47	16 8	0 22	19 43	1 33	14 32	17 9	0 17	0 46	13 43	7 37	1 36
F 16	18 55	1 46	0 17	10 7	3 6	24 32	1 17	11 58	0 34	14 36	0 56	17 5	0 47	16 8	0 22	19 44	1 33	14 32	17 9	0 17	0 48	13 40	7 38	1 36
S 17	19 9	4n 2	0n48	10 5	3 13	24 38	1 19	12 13	0 33	14 41	0 56	17 5	0 48	16 7	0 22	19 44	1 33	14 32	17 8	0 17	0 49	13 37	7 39	1 36
S 18	19 23	9 48	1 52	10 5	3 19	24 44	1 21	12 29	0 33	14 45	0 56	17 5	0 48	16 6	0 22	19 45	1 33	14 32	17 8	0 18	0 50	13 34	7 40	1 36
M19	19 36	15 19	2 52	10 7	3 25	24 48	1 24	12 44	0 32	14 49	0 56	17 5	0 48	16 5	0 22	19 45	1 33	14 32	17 8	0 19	0 51	13 31	7 41	1 36
T 20	19 49	20 18	3 44	10 11	3 29	24 52	1 26	13 0	0 32	14 53	0 56	17 5	0 48	16 5	0 22	19 45	1 33	14 32	17 7	0 22	0 53	13 28	7 42	1 36
W21	20 2	24 24	4 25	10 18	3 32	24 55	1 27	13 15	0 31	14 58	0 56	17 5	0 48	16 4	0 22	19 46	1 33	14 32	17 7	0 26	0 54	13 25	7 43	1 36
T 22	20 14	27 15	4 53	10 27	3 35	24 58	1 29	13 30	0 30	15 2	0 56	17 5	0 48	16 3	0 22	19 46	1 33	14 32	17 6	0 30	0 55	13 21	7 45	1 36
F 23	20 26	28 30	5 3	10 38	3 36	25 0	1 31	13 45	0 30	15 6	0 56	17 5	0 48	16 3	0 22	19 47	1 33	14 32	17 6	0 34	0 56	13 18	7 46	1 36
S 24	20 38	27 57	4 56	10 51	3 37	25 1	1 33	14 0	0 29	15 10	0 56	17 5	0 49	16 2	0 22	19 47	1 33	14 32	17 5	0 37	0 58	13 15	7 47	1 36
S 25	20 49	25 36	4 31	11 5	3 37	25 1	1 35	14 14	0 29	15 14	0 56	17 5	0 49	16 1	0 22	19 47	1 33	14 31	17 5	0 40	0 59	13 12	7 48	1 36
M26	21 0	21 40	3 50	11 22	3 36	25 1	1 36	14 29	0 28	15 18	0 56	17 6	0 49	16 1	0 22	19 48	1 33	14 31	17 4	0 42	1 0	13 9	7 49	1 36
T 27	21 11	16 28	2 54	11 40	3 34	25 0	1 38	14 43	0 27	15 22	0 56	17 6	0 49	16 0	0 22	19 48	1 33	14 31	17 4	0 43	1 1	13 6	7 50	1 36
W28	21 21	10 24	1 47	12 0	3 31	24 58	1 40	14 58	0 27	15 27	0 56	17 6	0 49	15 59	0 22	19 48	1 33	14 31	17 3	0 43	1 3	13 3	7 51	1 36
T 29	21 31	3 50	0 35	12 21	3 28	24 55	1 41	15 12	0 26	15 31	0 56	17 6	0 49	15 59	0 22	19 49	1 33	14 30	17 3	0 43	1 4	13 0	7 52	1 36
F 30	21 40	2s53	0s40	12 43	3 24	24 52	1 43	15 25	0 25	15 35	0 56	17 6	0 50	15 58	0 22	19 49	1 33	14 30	17 2	0 43	1 5	12 56	7 53	1 36
S 31	21n49	9s25	1s51	13n 7	3s19	24n48	1n44	15n39	0s25	15n39	0s56	17s 7	0s50	15s57	0n22	19n50	1s33	14n30	17n 2	0s44	1s 7	12s53	7n54	1n36

Julian Day Number = 2351953.5, Delta T = 10.85 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'01, Lahiri = 20°03'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

JUNE 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 35 41	9♊50'43	3♏30	15♉56	11♋32	14♉40	15♉49	15°R 8	14°R46	6♊ 5	2°R45	28°R 6	27♓10	1♓59	16♈22	S 1
M 2	16 39 37	10°48'08	17°12	17° 8	12°44	15°24	16° 2	15♒ 8	14♏43	6° 7	2♎44	28♓ 0	27° 7	2° 5	16°24	M 2
T 3	16 43 34	11°45'31	0♐44	18°24	13°55	16° 7	16°16	15° 7	14°41	6° 9	2°44	27°50	27° 3	2°12	16°27	T 3
W 4	16 47 30	12°42'53	14° 2	19°42	15° 7	16°51	16°29	15° 6	14°39	6°11	2°44	27°39	27° 0	2°19	16°29	W 4
T 5	16 51 27	13°40'15	27° 4	21° 4	16°18	17°35	16°43	15° 5	14°37	6°14	2°43	27°27	26°57	2°25	16°31	T 5
F 6	16 55 23	14°37'36	9♑50	22°28	17°30	18°18	16°56	15° 4	14°35	6°16	2°43	27°15	26°54	2°32	16°34	F 6
S 7	16 59 20	15°34'56	22°20	23°55	18°41	19° 1	17°10	15° 3	14°33	6°18	2°43	27° 5	26°51	2°39	16°36	S 7
S 8	17 3 16	16°32'15	4♒35	25°26	19°52	19°45	17°23	15° 2	14°31	6°20	2°43	26°56	26°48	2°45	16°38	S 8
M 9	17 7 13	17°29'34	16°37	26°59	21° 3	20°28	17°36	15° 1	14°29	6°22	2°43	26°50	26°44	2°52	16°40	M 9
T 10	17 11 10	18°26'52	28°30	28°34	22°15	21°11	17°49	14°59	14°27	6°25	2°43	26°47	26°41	2°58	16°43	T 10
W11	17 15 6	19°24'10	10♓19	0♊13	23°26	21°55	18° 3	14°58	14°25	6°27	2°42	26°46	26°38	3° 5	16°45	W11
T 12	17 19 3	20°21'28	22° 9	1°55	24°37	22°38	18°16	14°56	14°23	6°29	2°42	26°46	26°35	3°12	16°47	T 12
F 13	17 22 59	21°18'45	4♈ 5	3°39	25°48	23°21	18°29	14°55	14°21	6°31	2°D42	26°45	26°32	3°18	16°49	F 13
S 14	17 26 56	22°16'02	16°13	5°26	26°59	24° 4	18°42	14°53	14°19	6°33	2°42	26°44	26°29	3°25	16°51	S 14
S 15	17 30 52	23°13'18	28°38	7°15	28° 9	24°47	18°55	14°51	14°18	6°36	2°42	26°42	26°25	3°32	16°53	S 15
M16	17 34 49	24°10'35	11♉24	9° 7	29°20	25°30	19° 8	14°49	14°16	6°38	2°42	26°36	26°22	3°38	16°54	M16
T 17	17 38 45	25° 7'51	24°33	11° 2	0♌31	26°13	19°21	14°47	14°14	6°40	2°43	26°28	26°19	3°45	16°56	T 17
W18	17 42 42	26° 5'07	8♊ 6	12°59	1°42	26°55	19°33	14°45	14°13	6°42	2°43	26°18	26°16	3°52	16°58	W18
T 19	17 46 39	27° 2'23	22° 1	14°59	2°52	27°38	19°46	14°43	14°11	6°44	2°43	26° 7	26°13	3°58	17° 0	T 19
F 20	17 50 35	27°59'38	6♋15	17° 0	4° 3	28°21	19°59	14°40	14° 9	6°46	2°43	25°55	26° 9	4° 5	17° 2	F 20
S 21	17 54 32	28°56'53	20°41	19° 4	5°13	29° 3	20°11	14°38	14° 8	6°49	2°43	25°44	26° 6	4°12	17° 3	S 21
S 22	17 58 28	29°54'07	5♌13	21°10	6°24	29°46	20°24	14°36	14° 6	6°51	2°44	25°36	26° 3	4°18	17° 5	S 22
M23	18 2 25	0♋51'21	19°45	23°16	7°34	0♊29	20°36	14°33	14° 5	6°53	2°44	25°30	26° 0	4°25	17° 6	M23
T 24	18 6 21	1°48'34	4♍12	25°25	8°44	1°11	20°49	14°31	14° 3	6°55	2°44	25°27	25°57	4°32	17° 8	T 24
W25	18 10 18	2°45'47	18°29	27°34	9°54	1°53	21° 1	14°28	14° 2	6°57	2°45	25°26	25°54	4°38	17° 9	W25
T 26	18 14 15	3°42'59	2♎35	29°44	11° 4	2°36	21°13	14°25	14° 1	6°59	2°45	25°26	25°50	4°45	17°11	T 26
F 27	18 18 11	4°40'11	16°29	1♋55	12°14	3°18	21°26	14°22	13°59	7° 1	2°45	25°25	25°47	4°52	17°12	F 27
S 28	18 22 8	5°37'23	0♏12	4° 6	13°24	4° 0	21°38	14°19	13°58	7° 3	2°46	25°24	25°44	4°58	17°13	S 28
S 29	18 26 4	6°34'34	13°43	6°16	14°34	4°42	21°50	14°16	13°57	7° 5	2°46	25°20	25°41	5° 5	17°15	S 29
M30	18 30 1	7♋31'44	27♏ 3	8♋27	15♌44	5♊24	22♉ 2	14♒13	13♏56	7♊ 7	2♎47	25♓13	25♓38	5♓12	17♈16	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n58	15s27	2s56	13n32	3s14	24n43	1n45	15n53	0s24	15n42	0s56	17s 7	0s50	15s57	0n22	19n50	1s33	14n30	17n 1	0s45	1s 8	12s50	7n55	1n36
M 2	22 6	20 39	3 49	13 58	3 8	24 38	1 46	16 6	0 24	15 46	0 56	17 7	0 50	15 56	0 22	19 50	1 33	14 29	17 1	0 48	1 9	12 47	7 56	1 36
T 3	22 14	24 43	4 29	14 25	3 2	24 32	1 48	16 19	0 23	15 50	0 56	17 8	0 50	15 55	0 22	19 51	1 33	14 29	17 1	0 52	1 10	12 44	7 57	1 36
W 4	22 21	27 22	4 53	14 53	2 54	24 25	1 49	16 32	0 22	15 54	0 56	17 8	0 50	15 55	0 22	19 51	1 33	14 29	17 0	0 56	1 12	12 41	7 58	1 36
T 5	22 29	28 28	5 1	15 22	2 47	24 18	1 50	16 45	0 22	15 58	0 56	17 8	0 51	15 54	0 22	19 52	1 33	14 28	17 0	1 1	1 13	12 38	7 59	1 36
F 6	22 35	28 0	4 54	15 51	2 39	24 10	1 51	16 58	0 21	16 2	0 56	17 9	0 51	15 54	0 22	19 52	1 33	14 28	16 59	1 6	1 14	12 34	7 59	1 36
S 7	22 42	26 6	4 33	16 21	2 30	24 1	1 51	17 11	0 20	16 6	0 56	17 9	0 51	15 53	0 22	19 52	1 33	14 28	16 59	1 10	1 15	12 31	8 0	1 36
S 8	22 48	23 1	3 59	16 52	2 21	23 51	1 52	17 23	0 20	16 9	0 56	17 10	0 51	15 52	0 22	19 53	1 33	14 27	16 58	1 13	1 17	12 28	8 1	1 36
M 9	22 53	18 59	3 16	17 23	2 12	23 41	1 53	17 35	0 19	16 13	0 56	17 10	0 51	15 52	0 22	19 53	1 33	14 27	16 58	1 15	1 18	12 25	8 2	1 36
T 10	22 58	14 16	2 24	17 54	2 2	23 30	1 54	17 47	0 18	16 17	0 56	17 11	0 51	15 51	0 22	19 53	1 33	14 26	16 57	1 17	1 19	12 22	8 3	1 36
W11	23 3	9 2	1 26	18 25	1 52	23 19	1 54	17 59	0 18	16 20	0 56	17 12	0 52	15 51	0 22	19 54	1 33	14 26	16 56	1 17	1 20	12 19	8 4	1 36
T 12	23 8	3 30	0 24	18 56	1 41	23 7	1 55	18 11	0 17	16 24	0 56	17 12	0 52	15 50	0 22	19 54	1 33	14 26	16 56	1 17	1 22	12 15	8 5	1 36
F 13	23 12	2n13	0n39	19 26	1 30	22 54	1 55	18 23	0 16	16 28	0 56	17 13	0 52	15 50	0 22	19 55	1 33	14 25	16 55	1 17	1 23	12 12	8 5	1 36
S 14	23 15	7 57	1 41	19 57	1 19	22 41	1 55	18 34	0 16	16 31	0 56	17 13	0 52	15 49	0 22	19 55	1 33	14 25	16 55	1 18	1 24	12 9	8 6	1 36
S 15	23 18	13 30	2 40	20 26	1 8	22 27	1 56	18 45	0 15	16 35	0 56	17 14	0 52	15 49	0 21	19 55	1 33	14 24	16 54	1 19	1 25	12 6	8 7	1 36
M16	23 21	18 39	3 33	20 55	0 57	22 12	1 56	18 56	0 14	16 38	0 56	17 15	0 52	15 48	0 21	19 56	1 33	14 24	16 54	1 21	1 27	12 3	8 8	1 36
T 17	23 23	23 4	4 16	21 23	0 45	21 57	1 56	19 7	0 14	16 42	0 56	17 16	0 52	15 48	0 21	19 56	1 33	14 23	16 53	1 24	1 28	11 59	8 8	1 36
W18	23 25	26 23	4 46	21 50	0 34	21 42	1 56	19 17	0 13	16 45	0 56	17 16	0 53	15 47	0 21	19 56	1 33	14 23	16 53	1 28	1 29	11 56	8 9	1 36
T 19	23 27	28 13	5 0	22 16	0 22	21 25	1 55	19 28	0 12	16 48	0 56	17 17	0 53	15 47	0 21	19 57	1 33	14 22	16 52	1 33	1 31	11 53	8 10	1 36
F 20	23 28	28 15	4 56	22 40	0 11	21 8	1 55	19 38	0 12	16 52	0 56	17 18	0 53	15 46	0 21	19 57	1 33	14 22	16 52	1 38	1 32	11 50	8 10	1 36
S 21	23 28	26 23	4 33	23 2	0n 0	20 51	1 55	19 48	0 11	16 55	0 56	17 19	0 53	15 46	0 21	19 57	1 33	14 21	16 51	1 42	1 33	11 47	8 11	1 36
S 22	23 29	22 45	3 52	23 22	0 11	20 33	1 55	19 58	0 10	16 58	0 56	17 20	0 53	15 45	0 21	19 58	1 33	14 20	16 51	1 45	1 34	11 43	8 12	1 36
M23	23 28	17 42	2 57	23 40	0 22	20 15	1 54	20 8	0 10	17 2	0 56	17 21	0 53	15 45	0 21	19 58	1 33	14 20	16 50	1 47	1 36	11 40	8 12	1 36
T 24	23 28	11 41	1 50	23 56	0 32	19 56	1 53	20 17	0 9	17 5	0 56	17 21	0 53	15 45	0 21	19 58	1 33	14 19	16 50	1 49	1 37	11 37	8 13	1 36
W25	23 27	5 7	0 37	24 9	0 42	19 36	1 53	20 26	0 8	17 8	0 56	17 22	0 54	15 44	0 21	19 59	1 33	14 19	16 49	1 49	1 38	11 34	8 13	1 36
T 26	23 25	1s36	0s38	24 20	0 51	19 16	1 52	20 35	0 7	17 11	0 56	17 23	0 54	15 44	0 21	19 59	1 33	14 18	16 49	1 49	1 39	11 31	8 14	1 36
F 27	23 24	8 10	1 49	24 28	1 0	18 56	1 51	20 44	0 7	17 14	0 56	17 24	0 54	15 44	0 21	19 59	1 33	14 17	16 48	1 49	1 41	11 27	8 14	1 36
S 28	23 21	14 15	2 53	24 33	1 8	18 35	1 50	20 53	0 6	17 18	0 56	17 25	0 54	15 43	0 21	20 0	1 33	14 17	16 48	1 50	1 42	11 24	8 15	1 36
S 29	23 19	19 34	3 46	24 35	1 16	18 13	1 49	21 1	0 5	17 21	0 56	17 26	0 54	15 43	0 21	20 0	1 33	14 16	16 47	1 52	1 43	11 21	8 15	1 36
M30	23n16	23s50	4s26	24n35	1n23	17n52	1n48	21n10	0s 5	17n24	0s56	17s27	0s54	15s42	0n21	20n 0	1s33	14n15	16n47	1s54	1s44	11s18	8n16	1n36

Julian Day Number = 2351984.5, Delta T = 10.86 sec
Ecliptic obliquity = 23°28'38, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'06, Lahiri = 20°03'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

JULY 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 33 57	8♋28'55	10♐12	10♋36	16♌53	6♊ 6	22♉14	14°R10	13°R55	7♊ 9	2♎48	25°R 3	25♓35	5♓18	17♈17	T 1
W 2	18 37 54	9°26'06	23° 8	12°45	18° 3	6°48	22°25	14♒ 7	13♏53	7°11	2°48	24♓52	25°31	5°25	17°18	W 2
T 3	18 41 50	10°23'16	5♑52	14°53	19°12	7°30	22°37	14° 4	13°52	7°13	2°49	24°40	25°28	5°32	17°19	T 3
F 4	18 45 47	11°20'27	18°23	17° 0	20°22	8°12	22°49	14° 0	13°51	7°15	2°49	24°28	25°25	5°38	17°20	F 4
S 5	18 49 44	12°17'37	0♒42	19° 5	21°31	8°54	23° 0	13°57	13°51	7°17	2°50	24°17	25°22	5°45	17°21	S 5
S 6	18 53 40	13°14'48	12°49	21° 9	22°40	9°35	23°12	13°53	13°50	7°19	2°51	24° 8	25°19	5°52	17°22	S 6
M 7	18 57 37	14°11'59	24°46	23°12	23°49	10°17	23°23	13°50	13°49	7°21	2°52	24° 2	25°15	5°58	17°23	M 7
T 8	19 1 33	15° 9'11	6♓37	25°12	24°58	10°58	23°35	13°46	13°48	7°22	2°52	23°58	25°12	6° 5	17°23	T 8
W 9	19 5 30	16° 6'23	18°24	27°11	26° 7	11°40	23°46	13°43	13°47	7°24	2°53	23°57	25° 9	6°12	17°24	W 9
T 10	19 9 26	17° 3'35	0♈13	29° 8	27°16	12°21	23°57	13°39	13°47	7°26	2°54	23°D57	25° 6	6°18	17°25	T 10
F 11	19 13 23	18° 0'48	12° 9	1♌ 4	28°25	13° 3	24° 8	13°35	13°46	7°28	2°55	23°R57	25° 3	6°25	17°25	F 11
S 12	19 17 19	18°58'01	24°16	2°57	29°33	13°44	24°19	13°31	13°45	7°30	2°56	23°57	25° 0	6°31	17°26	S 12
S 13	19 21 16	19°55'15	6♉41	4°49	0♍42	14°25	24°30	13°28	13°45	7°32	2°57	23°56	24°56	6°38	17°27	S 13
M14	19 25 13	20°52'30	19°27	6°39	1°50	15° 7	24°40	13°24	13°44	7°33	2°58	23°53	24°53	6°45	17°27	M14
T 15	19 29 9	21°49'46	2♊40	8°27	2°58	15°48	24°51	13°20	13°44	7°35	2°59	23°47	24°50	6°51	17°27	T 15
W16	19 33 6	22°47'02	16°19	10°13	4° 6	16°29	25° 2	13°16	13°43	7°37	3° 0	23°39	24°47	6°58	17°28	W16
T 17	19 37 2	23°44'19	0♋25	11°58	5°14	17°10	25°12	13°12	13°43	7°38	3° 1	23°31	24°44	7° 5	17°28	T 17
F 18	19 40 59	24°41'37	14°54	13°40	6°22	17°51	25°22	13° 7	13°43	7°40	3° 2	23°21	24°41	7°11	17°28	F 18
S 19	19 44 55	25°38'55	29°39	15°21	7°30	18°32	25°33	13° 3	13°43	7°42	3° 3	23°13	24°37	7°18	17°28	S 19
S 20	19 48 52	26°36'14	14♌34	17° 0	8°38	19°12	25°43	12°59	13°42	7°43	3° 4	23° 6	24°34	7°25	17°29	S 20
M21	19 52 48	27°33'33	29°28	18°37	9°45	19°53	25°53	12°55	13°42	7°45	3° 6	23° 2	24°31	7°31	17°29	M21
T 22	19 56 45	28°30'52	14♍15	20°12	10°53	20°34	26° 3	12°51	13°42	7°47	3° 7	23° 0	24°28	7°38	17°R29	T 22
W23	20 0 42	29°28'12	28°48	21°45	12° 0	21°15	26°12	12°46	13°D42	7°48	3° 8	23°D 0	24°25	7°45	17°29	W23
T 24	20 4 38	0♌25'33	13♎ 4	23°17	13° 7	21°55	26°22	12°42	13°42	7°50	3° 9	23° 1	24°21	7°51	17°29	T 24
F 25	20 8 35	1°22'54	27° 2	24°47	14°14	22°36	26°32	12°38	13°42	7°51	3°11	23°R 1	24°18	7°58	17°28	F 25
S 26	20 12 31	2°20'15	10♏41	26°14	15°21	23°16	26°41	12°33	13°42	7°53	3°12	23° 1	24°15	8° 5	17°28	S 26
S 27	20 16 28	3°17'37	24° 2	27°40	16°27	23°56	26°51	12°29	13°42	7°54	3°13	22°59	24°12	8°11	17°28	S 27
M28	20 20 24	4°15'00	7♐ 8	29° 4	17°34	24°37	27° 0	12°25	13°43	7°55	3°15	22°55	24° 9	8°18	17°28	M28
T 29	20 24 21	5°12'23	19°59	0♍27	18°40	25°17	27° 9	12°20	13°43	7°57	3°16	22°49	24° 6	8°25	17°27	T 29
W30	20 28 18	6° 9'47	2♑37	1°47	19°46	25°57	27°18	12°16	13°43	7°58	3°18	22°42	24° 2	8°31	17°27	W30
T 31	20 32 14	7♌ 7'11	15♑ 4	3♍ 5	20♍52	26♊37	27♉27	12♒11	13♏44	8♊ 0	3♎19	22♓34	23♓59	8♓38	17♈26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n12	26s49	4s51	24n32	1n29	17n29	1n47	21n18	0s 4	17n27	0s57	17s28	0s54	15s42	0n21	20n 1	1s33	14n15	16n46	1s58	1s46	11s15	8n16	1n36
W 2	23 8	28 18	5 1	24 25	1 34	17 7	1 45	21 26	0 3	17 30	0 57	17 29	0 55	15 42	0 21	20 1	1 33	14 14	16 46	2 3	1 47	11 11	8 17	1 36
T 3	23 4	28 16	4 55	24 17	1 39	16 44	1 44	21 33	0 3	17 33	0 57	17 31	0 55	15 42	0 21	20 1	1 33	14 13	16 45	2 7	1 48	11 8	8 17	1 36
F 4	23 0	26 46	4 36	24 5	1 43	16 20	1 42	21 41	0 2	17 35	0 57	17 32	0 55	15 41	0 21	20 1	1 33	14 12	16 45	2 12	1 49	11 5	8 18	1 36
S 5	22 54	23 59	4 3	23 52	1 46	15 56	1 40	21 48	0 1	17 38	0 57	17 33	0 55	15 41	0 21	20 2	1 33	14 12	16 44	2 16	1 51	11 2	8 18	1 36
S 6	22 49	20 11	3 20	23 35	1 48	15 32	1 39	21 55	0 0	17 41	0 57	17 34	0 55	15 41	0 21	20 2	1 33	14 11	16 44	2 20	1 52	10 58	8 18	1 36
M 7	22 43	15 37	2 29	23 17	1 50	15 7	1 37	22 2	0n 0	17 44	0 57	17 35	0 55	15 41	0 21	20 2	1 33	14 10	16 43	2 22	1 53	10 55	8 19	1 36
T 8	22 37	10 31	1 31	22 56	1 51	14 42	1 35	22 9	0 1	17 47	0 57	17 36	0 55	15 40	0 21	20 3	1 33	14 9	16 43	2 24	1 55	10 52	8 19	1 36
W 9	22 30	5 3	0 30	22 34	1 51	14 17	1 33	22 15	0 2	17 49	0 57	17 37	0 56	15 40	0 21	20 3	1 33	14 9	16 42	2 24	1 56	10 49	8 19	1 36
T 10	22 23	0n36	0n33	22 10	1 50	13 52	1 31	22 21	0 3	17 52	0 57	17 39	0 56	15 40	0 21	20 3	1 33	14 8	16 42	2 24	1 57	10 45	8 19	1 36
F 11	22 16	6 16	1 36	21 44	1 49	13 26	1 28	22 27	0 3	17 55	0 57	17 40	0 56	15 40	0 21	20 3	1 33	14 7	16 41	2 24	1 58	10 42	8 20	1 36
S 12	22 8	11 49	2 35	21 16	1 48	12 59	1 26	22 33	0 4	17 57	0 57	17 41	0 56	15 40	0 21	20 4	1 33	14 6	16 41	2 24	2 0	10 39	8 20	1 36
S 13	22 0	17 2	3 28	20 48	1 45	12 33	1 24	22 39	0 5	18 0	0 57	17 42	0 56	15 40	0 21	20 4	1 33	14 5	16 40	2 25	2 1	10 36	8 20	1 36
M14	21 51	21 40	4 12	20 18	1 42	12 6	1 21	22 44	0 5	18 3	0 57	17 43	0 56	15 39	0 21	20 4	1 33	14 5	16 40	2 26	2 2	10 32	8 20	1 36
T 15	21 42	25 22	4 44	19 46	1 39	11 39	1 18	22 49	0 6	18 5	0 57	17 45	0 56	15 39	0 21	20 4	1 33	14 4	16 39	2 28	2 3	10 29	8 21	1 36
W16	21 33	27 47	5 2	19 14	1 35	11 12	1 16	22 54	0 7	18 8	0 57	17 46	0 56	15 39	0 21	20 5	1 33	14 3	16 39	2 31	2 5	10 26	8 21	1 36
T 17	21 23	28 31	5 2	18 41	1 31	10 44	1 13	22 59	0 8	18 10	0 57	17 47	0 57	15 39	0 21	20 5	1 33	14 2	16 38	2 35	2 6	10 23	8 21	1 36
F 18	21 13	27 21	4 44	18 7	1 26	10 16	1 10	23 4	0 8	18 12	0 58	17 49	0 57	15 39	0 21	20 5	1 33	14 1	16 38	2 38	2 7	10 19	8 21	1 36
S 19	21 3	24 16	4 6	17 32	1 20	9 48	1 7	23 8	0 9	18 15	0 58	17 50	0 57	15 39	0 21	20 5	1 33	14 0	16 37	2 42	2 8	10 16	8 21	1 36
S 20	20 52	19 32	3 11	16 57	1 14	9 20	1 4	23 12	0 10	18 17	0 58	17 51	0 57	15 39	0 21	20 6	1 33	13 59	16 37	2 44	2 10	10 13	8 21	1 36
M21	20 41	13 36	2 3	16 21	1 8	8 51	1 0	23 16	0 11	18 19	0 58	17 52	0 57	15 39	0 21	20 6	1 34	13 59	16 36	2 46	2 11	10 10	8 21	1 36
T 22	20 29	6 56	0 47	15 44	1 1	8 23	0 57	23 20	0 11	18 22	0 58	17 54	0 57	15 39	0 21	20 6	1 34	13 58	16 36	2 47	2 12	10 6	8 21	1 36
W23	20 18	0s 0	0s31	15 8	0 54	7 54	0 54	23 23	0 12	18 24	0 58	17 55	0 57	15 39	0 21	20 6	1 34	13 57	16 35	2 47	2 13	10 3	8 21	1 36
T 24	20 5	6 48	1 46	14 31	0 46	7 25	0 50	23 27	0 13	18 26	0 58	17 56	0 57	15 39	0 20	20 7	1 34	13 56	16 35	2 47	2 15	10 0	8 21	1 36
F 25	19 53	13 7	2 53	13 53	0 39	6 56	0 46	23 30	0 14	18 28	0 58	17 58	0 57	15 39	0 20	20 7	1 34	13 55	16 34	2 46	2 16	9 56	8 21	1 36
S 26	19 40	18 39	3 48	13 16	0 30	6 26	0 43	23 33	0 14	18 30	0 58	17 59	0 58	15 39	0 20	20 7	1 34	13 54	16 34	2 47	2 17	9 53	8 21	1 36
S 27	19 27	23 10	4 30	12 39	0 22	5 57	0 39	23 35	0 15	18 32	0 58	18 0	0 58	15 39	0 20	20 7	1 34	13 53	16 34	2 47	2 18	9 50	8 21	1 36
M28	19 14	26 24	4 56	12 1	0 13	5 28	0 35	23 38	0 16	18 34	0 58	18 2	0 58	15 39	0 20	20 7	1 34	13 52	16 33	2 49	2 20	9 47	8 21	1 36
T 29	19 0	28 12	5 7	11 24	0 4	4 58	0 31	23 40	0 17	18 36	0 58	18 3	0 58	15 39	0 20	20 8	1 34	13 51	16 33	2 51	2 21	9 43	8 21	1 36
W30	18 46	28 30	5 3	10 47	0s 5	4 28	0 27	23 42	0 17	18 38	0 58	18 4	0 58	15 40	0 20	20 8	1 34	13 50	16 32	2 54	2 22	9 40	8 21	1 36
T 31	18n31	27s20	4s45	10n10	0s15	3n58	0n23	23n44	0n18	18n40	0s59	18s 6	0s58	15s40	0n20	20n 8	1s34	13n49	16n32	2s57	2s24	9s37	8n20	1n36

Julian Day Number = 2352014.5, Delta T = 10.87 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'10, Lahiri = 20°03'10Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1727
geocentric

AUGUST 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 36 11	8♌ 4'37	27♑19	4♍21	21♍58	27♊17	27♉35	12°R 7	13♏44	8♊ 1	3♎21	22°R26	23♓56	8♓45	17°R26	F 1
S 2	20 40 7	9° 2'03	9♒26	5°35	23° 4	27°57	27°44	12♒ 2	13°45	8° 2	3°22	22♓18	23°53	8°51	17♈25	S 2
S 3	20 44 4	9°59'30	21°24	6°47	24° 9	28°37	27°52	11°58	13°45	8° 4	3°24	22°13	23°50	8°58	17°25	S 3
M 4	20 48 0	10°56'59	3♓16	7°56	25°15	29°17	28° 1	11°54	13°46	8° 5	3°25	22° 9	23°47	9° 4	17°24	M 4
T 5	20 51 57	11°54'28	15° 4	9° 3	26°20	29°57	28° 9	11°49	13°46	8° 6	3°27	22° 7	23°43	9°11	17°23	T 5
W 6	20 55 53	12°51'59	26°51	10° 8	27°25	0♋36	28°17	11°45	13°47	8° 7	3°28	22°D 7	23°40	9°18	17°22	W 6
T 7	20 59 50	13°49'31	8♈40	11°10	28°29	1°16	28°25	11°40	13°48	8° 8	3°30	22° 8	23°37	9°24	17°22	T 7
F 8	21 3 46	14°47'04	20°36	12° 9	29°34	1°56	28°33	11°36	13°49	8° 9	3°32	22°10	23°34	9°31	17°21	F 8
S 9	21 7 43	15°44'39	2♉43	13° 6	0♎38	2°35	28°40	11°31	13°49	8°11	3°33	22°11	23°31	9°38	17°20	S 9
S 10	21 11 40	16°42'15	15° 7	14° 0	1°42	3°15	28°48	11°27	13°50	8°12	3°35	22°R12	23°27	9°44	17°19	S 10
M11	21 15 36	17°39'53	27°51	14°51	2°46	3°54	28°55	11°22	13°51	8°13	3°37	22°11	23°24	9°51	17°18	M11
T 12	21 19 33	18°37'32	10♊59	15°38	3°50	4°33	29° 2	11°18	13°52	8°14	3°39	22°10	23°21	9°58	17°17	T 12
W13	21 23 29	19°35'13	24°36	16°22	4°53	5°13	29° 9	11°13	13°53	8°15	3°40	22° 6	23°18	10° 4	17°15	W13
T 14	21 27 26	20°32'56	8♋40	17° 3	5°56	5°52	29°16	11° 9	13°54	8°16	3°42	22° 2	23°15	10°11	17°14	T 14
F 15	21 31 22	21°30'40	23°11	17°40	6°59	6°31	29°23	11° 5	13°56	8°17	3°44	21°58	23°12	10°18	17°13	F 15
S 16	21 35 19	22°28'26	8♌ 2	18°13	8° 2	7°10	29°30	11° 0	13°57	8°17	3°46	21°54	23° 8	10°24	17°12	S 16
S 17	21 39 16	23°26'13	23° 8	18°41	9° 4	7°49	29°36	10°56	13°58	8°18	3°48	21°50	23° 5	10°31	17°10	S 17
M18	21 43 12	24°24'01	8♍17	19° 5	10° 7	8°28	29°42	10°52	13°59	8°19	3°50	21°49	23° 2	10°38	17° 9	M18
T 19	21 47 9	25°21'51	23°22	19°24	11° 8	9° 7	29°48	10°47	14° 1	8°20	3°51	21°D48	22°59	10°44	17° 7	T 19
W20	21 51 5	26°19'41	8♎13	19°39	12°10	9°45	29°54	10°43	14° 2	8°21	3°53	21°49	22°56	10°51	17° 6	W20
T 21	21 55 2	27°17'34	22°44	19°48	13°11	10°24	0♊ 0	10°39	14° 4	8°21	3°55	21°50	22°52	10°57	17° 4	T 21
F 22	21 58 58	28°15'27	6♏53	19°R52	14°12	11° 3	0° 6	10°35	14° 5	8°22	3°57	21°51	22°49	11° 4	17° 3	F 22
S 23	22 2 55	29°13'22	20°38	19°50	15°13	11°41	0°11	10°31	14° 7	8°23	3°59	21°52	22°46	11°11	17° 1	S 23
S 24	22 6 51	0♍11'18	3♐59	19°42	16°14	12°20	0°16	10°27	14° 8	8°23	4° 1	21°R53	22°43	11°17	16°59	S 24
M25	22 10 48	1° 9'15	16°59	19°28	17°14	12°58	0°22	10°22	14°10	8°24	4° 3	21°52	22°40	11°24	16°58	M25
T 26	22 14 45	2° 7'14	29°41	19° 8	18°13	13°36	0°27	10°18	14°12	8°25	4° 5	21°50	22°37	11°31	16°56	T 26
W27	22 18 41	3° 5'14	12♑ 7	18°42	19°13	14°15	0°31	10°15	14°13	8°25	4° 7	21°48	22°33	11°37	16°54	W27
T 28	22 22 38	4° 3'15	24°21	18°10	20°12	14°53	0°36	10°11	14°15	8°26	4° 9	21°45	22°30	11°44	16°52	T 28
F 29	22 26 34	5° 1'18	6♒25	17°32	21°10	15°31	0°40	10° 7	14°17	8°26	4°12	21°42	22°27	11°51	16°50	F 29
S 30	22 30 31	5°59'22	18°22	16°49	22° 8	16° 9	0°45	10° 3	14°19	8°27	4°14	21°40	22°24	11°57	16°48	S 30
S 31	22 34 27	6♍57'28	0♓13	16♍ 1	23♎ 6	16♋47	0♊49	9♒59	14♏21	8♊27	4♎16	21♓38	22♓21	12♓ 4	16♈46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n17	24s52	4s13	9n33	0s25	3n28	0n18	23n46	0n19	18n42	0s59	18s 7	0s58	15s40	0n20	20n 8	1s34	13n48	16n31	3s 1	2s25	9s33	8n20	1n36
S 2	18 2	21 18	3 30	8 57	0 35	2 58	0 14	23 47	0 20	18 44	0 59	18 8	0 58	15 40	0 20	20 8	1 34	13 47	16 31	3 3	2 26	9 30	8 20	1 36
S 3	17 46	16 54	2 39	8 21	0 45	2 28	0 10	23 49	0 20	18 46	0 59	18 10	0 58	15 40	0 20	20 8	1 34	13 46	16 31	3 6	2 27	9 27	8 20	1 36
M 4	17 31	11 53	1 41	7 45	0 55	1 58	0 5	23 50	0 21	18 47	0 59	18 11	0 58	15 40	0 20	20 9	1 34	13 45	16 30	3 7	2 29	9 24	8 19	1 36
T 5	17 15	6 29	0 38	7 10	1 6	1 28	0 1	23 51	0 22	18 49	0 59	18 12	0 59	15 41	0 20	20 9	1 34	13 44	16 30	3 8	2 30	9 20	8 19	1 36
W 6	16 59	0 52	0n26	6 36	1 16	0 58	0s 4	23 51	0 23	18 51	0 59	18 14	0 59	15 41	0 20	20 9	1 34	13 43	16 30	3 8	2 31	9 17	8 19	1 36
T 7	16 42	4n48	1 29	6 3	1 27	0 28	0 9	23 52	0 23	18 53	0 59	18 15	0 59	15 41	0 20	20 9	1 34	13 42	16 29	3 8	2 32	9 14	8 19	1 36
F 8	16 25	10 22	2 29	5 30	1 38	0s 2	0 14	23 52	0 24	18 54	0 59	18 16	0 59	15 41	0 20	20 9	1 34	13 41	16 29	3 7	2 34	9 10	8 18	1 36
S 9	16 9	15 37	3 24	4 58	1 49	0 32	0 19	23 52	0 25	18 56	0 59	18 18	0 59	15 42	0 20	20 9	1 34	13 40	16 28	3 6	2 35	9 7	8 18	1 36
S 10	15 51	20 22	4 10	4 28	2 0	1 2	0 24	23 52	0 26	18 57	0 59	18 19	0 59	15 42	0 20	20 9	1 34	13 39	16 28	3 6	2 36	9 4	8 17	1 36
M11	15 34	24 20	4 45	3 58	2 11	1 33	0 29	23 52	0 27	18 59	1 0	18 20	0 59	15 42	0 20	20 9	1 34	13 38	16 28	3 6	2 37	9 0	8 17	1 36
T 12	15 16	27 11	5 7	3 30	2 22	2 3	0 34	23 51	0 27	19 0	1 0	18 22	0 59	15 43	0 20	20 10	1 34	13 37	16 27	3 7	2 39	8 57	8 17	1 36
W13	14 58	28 34	5 12	3 2	2 33	2 33	0 39	23 51	0 28	19 2	1 0	18 23	0 59	15 43	0 20	20 10	1 34	13 36	16 27	3 8	2 40	8 54	8 16	1 36
T 14	14 40	28 11	5 0	2 37	2 44	3 3	0 45	23 50	0 29	19 3	1 0	18 24	0 59	15 43	0 20	20 10	1 34	13 35	16 27	3 10	2 41	8 50	8 16	1 36
F 15	14 21	25 53	4 28	2 13	2 54	3 33	0 50	23 49	0 30	19 4	1 0	18 26	0 59	15 44	0 20	20 10	1 35	13 34	16 26	3 12	2 42	8 47	8 15	1 36
S 16	14 3	21 47	3 37	1 50	3 5	4 2	0 55	23 47	0 30	19 6	1 0	18 27	0 59	15 44	0 20	20 10	1 35	13 33	16 26	3 13	2 44	8 44	8 15	1 36
S 17	13 44	16 12	2 31	1 30	3 15	4 32	1 1	23 46	0 31	19 7	1 0	18 28	0 59	15 44	0 20	20 10	1 35	13 32	16 26	3 14	2 45	8 41	8 14	1 36
M18	13 25	9 37	1 14	1 11	3 25	5 2	1 7	23 44	0 32	19 8	1 0	18 29	0 59	15 45	0 20	20 10	1 35	13 31	16 25	3 15	2 46	8 37	8 14	1 36
T 19	13 5	2 30	0s 9	0 55	3 35	5 31	1 12	23 43	0 33	19 9	1 0	18 31	0 59	15 45	0 20	20 10	1 35	13 30	16 25	3 15	2 47	8 34	8 13	1 36
W20	12 46	4s38	1 29	0 41	3 44	6 1	1 18	23 41	0 34	19 11	1 0	18 32	1 0	15 46	0 20	20 10	1 35	13 29	16 25	3 15	2 49	8 31	8 13	1 36
T 21	12 26	11 22	2 42	0 29	3 52	6 30	1 24	23 38	0 34	19 12	1 1	18 33	1 0	15 46	0 20	20 10	1 35	13 28	16 24	3 15	2 50	8 27	8 12	1 36
F 22	12 6	17 21	3 43	0 20	4 0	6 59	1 30	23 36	0 35	19 13	1 1	18 34	1 0	15 47	0 20	20 10	1 35	13 27	16 24	3 14	2 51	8 24	8 11	1 36
S 23	11 46	22 16	4 30	0 15	4 7	7 28	1 35	23 34	0 36	19 14	1 1	18 35	1 0	15 47	0 20	20 11	1 35	13 26	16 24	3 14	2 52	8 21	8 11	1 36
S 24	11 25	25 53	5 0	0 12	4 14	7 57	1 41	23 31	0 37	19 15	1 1	18 36	1 0	15 48	0 20	20 11	1 35	13 25	16 24	3 14	2 54	8 17	8 10	1 36
M25	11 5	28 3	5 14	0 12	4 19	8 26	1 47	23 28	0 38	19 16	1 1	18 38	1 0	15 48	0 20	20 11	1 35	13 24	16 23	3 14	2 55	8 14	8 9	1 36
T 26	10 44	28 41	5 12	0 16	4 23	8 54	1 54	23 25	0 38	19 17	1 1	18 39	1 0	15 49	0 20	20 11	1 35	13 23	16 23	3 15	2 56	8 11	8 9	1 36
W27	10 23	27 50	4 56	0 24	4 26	9 23	2 0	23 22	0 39	19 18	1 1	18 40	1 0	15 49	0 20	20 11	1 35	13 22	16 23	3 16	2 57	8 7	8 8	1 36
T 28	10 2	25 39	4 26	0 35	4 28	9 51	2 6	23 18	0 40	19 18	1 1	18 41	1 0	15 50	0 20	20 11	1 35	13 21	16 23	3 17	2 59	8 4	8 7	1 36
F 29	9 41	22 19	3 45	0 49	4 28	10 19	2 12	23 15	0 41	19 19	1 1	18 42	1 0	15 50	0 20	20 11	1 35	13 20	16 22	3 18	3 0	8 1	8 6	1 36
S 30	9 20	18 6	2 54	1 8	4 26	10 46	2 18	23 11	0 42	19 20	1 2	18 43	1 0	15 51	0 20	20 11	1 35	13 19	16 22	3 19	3 1	7 57	8 6	1 36
S 31	8n58	13s13	1s56	1n30	4s22	11s14	2s24	23n 7	0n42	19n21	1s 2	18s44	1s 0	15s51	0n19	20n11	1s35	13n18	16n22	3s19	3s 3	7s54	8n 5	1n36

Julian Day Number = 2352045.5, Delta T = 10.88 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'14, Lahiri = 20°03'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

SEPTEMBER 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 38 24	7♍55'36	12♓ 1	15°R 8	24♎ 3	17♋25	0♊53	9°R55	14♏23	8♊27	4♎18	21°R37	22♓18	12♓11	16°R44	M 1
T 2	22 42 20	8°53'45	23°49	14♍13	25° 0	18° 2	0°56	9♒52	14°25	8°28	4°20	21°D37	22°14	12°17	16♈42	T 2
W 3	22 46 17	9°51'56	5♈38	13°15	25°57	18°40	1° 0	9°48	14°27	8°28	4°22	21♓38	22°11	12°24	16°40	W 3
T 4	22 50 13	10°50'09	17°32	12°15	26°53	19°18	1° 3	9°45	14°29	8°28	4°24	21°38	22° 8	12°31	16°38	T 4
F 5	22 54 10	11°48'24	29°32	11°16	27°48	19°55	1° 6	9°41	14°31	8°29	4°26	21°39	22° 5	12°37	16°36	F 5
S 6	22 58 7	12°46'41	11♉43	10°18	28°43	20°33	1° 9	9°38	14°33	8°29	4°29	21°40	22° 2	12°44	16°34	S 6
S 7	23 2 3	13°45'00	24° 8	9°23	29°38	21°10	1°12	9°35	14°35	8°29	4°31	21°41	21°58	12°50	16°31	S 7
M 8	23 6 0	14°43'21	6♊51	8°32	0♏32	21°48	1°15	9°31	14°38	8°29	4°33	21°41	21°55	12°57	16°29	M 8
T 9	23 9 56	15°41'44	19°56	7°46	1°25	22°25	1°17	9°28	14°40	8°29	4°35	21°R41	21°52	13° 4	16°27	T 9
W10	23 13 53	16°40'10	3♋24	7° 7	2°18	23° 2	1°19	9°25	14°42	8°29	4°38	21°41	21°49	13°10	16°25	W10
T 11	23 17 49	17°38'38	17°19	6°35	3°10	23°39	1°21	9°22	14°45	8°29	4°40	21°41	21°46	13°17	16°22	T 11
F 12	23 21 46	18°37'07	1♌39	6°11	4° 2	24°16	1°23	9°19	14°47	8°R29	4°42	21°40	21°43	13°24	16°20	F 12
S 13	23 25 42	19°35'39	16°22	5°57	4°53	24°53	1°25	9°16	14°50	8°29	4°44	21°40	21°39	13°30	16°17	S 13
S 14	23 29 39	20°34'13	1♍22	5°D52	5°43	25°30	1°26	9°13	14°52	8°29	4°47	21°40	21°36	13°37	16°15	S 14
M15	23 33 36	21°32'49	16°32	5°56	6°33	26° 7	1°27	9°11	14°55	8°29	4°49	21°40	21°33	13°44	16°12	M15
T 16	23 37 32	22°31'27	1♎43	6°10	7°22	26°43	1°28	9° 8	14°57	8°29	4°51	21°40	21°30	13°50	16°10	T 16
W17	23 41 29	23°30'07	16°44	6°33	8°10	27°20	1°29	9° 5	15° 0	8°29	4°53	21°40	21°27	13°57	16° 7	W17
T 18	23 45 25	24°28'48	1♏28	7° 6	8°58	27°56	1°30	9° 3	15° 3	8°29	4°56	21°40	21°24	14° 4	16° 5	T 18
F 19	23 49 22	25°27'32	15°50	7°47	9°44	28°33	1°30	9° 1	15° 5	8°28	4°58	21°39	21°20	14°10	16° 2	F 19
S 20	23 53 18	26°26'17	29°45	8°37	10°30	29° 9	1°31	8°58	15° 8	8°28	5° 0	21°39	21°17	14°17	15°59	S 20
S 21	23 57 15	27°25'04	13♐13	9°35	11°15	29°45	1°R31	8°56	15°11	8°28	5° 3	21°39	21°14	14°24	15°57	S 21
M22	0 1 11	28°23'53	26°15	10°40	11°59	0♌21	1°30	8°54	15°14	8°28	5° 5	21°D38	21°11	14°30	15°54	M22
T 23	0 5 8	29°22'43	8♑56	11°52	12°42	0°58	1°30	8°52	15°16	8°27	5° 7	21°38	21° 8	14°37	15°51	T 23
W24	0 9 5	0♎21'35	21°17	13° 9	13°24	1°33	1°30	8°50	15°19	8°27	5°10	21°39	21° 4	14°43	15°49	W24
T 25	0 13 1	1°20'29	3♒24	14°32	14° 5	2° 9	1°29	8°48	15°22	8°26	5°12	21°40	21° 1	14°50	15°46	T 25
F 26	0 16 58	2°19'25	15°21	15°59	14°45	2°45	1°28	8°46	15°25	8°26	5°14	21°41	20°58	14°57	15°43	F 26
S 27	0 20 54	3°18'22	27°12	17°31	15°24	3°21	1°27	8°45	15°28	8°26	5°17	21°42	20°55	15° 3	15°41	S 27
S 28	0 24 51	4°17'22	9♓ 0	19° 5	16° 2	3°56	1°25	8°43	15°31	8°25	5°19	21°43	20°52	15°10	15°38	S 28
M29	0 28 47	5°16'23	20°48	20°43	16°38	4°32	1°24	8°42	15°34	8°24	5°21	21°R43	20°49	15°17	15°35	M29
T 30	0 32 44	6♎15'26	2♈38	22♍22	17♏13	5♌ 7	1♊22	8♒40	15♏37	8♊24	5♎23	21♓43	20♓45	15♓23	15♈32	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n37	7s53	0s53	1n55	4s17	11s41	2s31	23n 3	0n43	19n21	1s 2	18s45	1s 0	15s52	0n19	20n11	1s35	13n17	16n22	3s20	3s 4	7s50	8n 4	1n36
T 2	8 15	2 16	0n12	2 23	4 10	12 8	2 37	22 59	0 44	19 22	1 2	18 46	1 0	15 53	0 19	20 11	1 35	13 16	16 22	3 20	3 5	7 47	8 3	1 36
W 3	7 53	3n25	1 17	2 54	4 0	12 34	2 43	22 55	0 45	19 23	1 2	18 47	1 0	15 53	0 19	20 11	1 35	13 15	16 21	3 20	3 6	7 44	8 3	1 36
T 4	7 31	9 2	2 19	3 27	3 49	13 1	2 50	22 50	0 46	19 23	1 2	18 48	1 0	15 54	0 19	20 11	1 35	13 14	16 21	3 19	3 8	7 40	8 2	1 36
F 5	7 9	14 22	3 15	4 1	3 36	13 27	2 56	22 46	0 47	19 24	1 2	18 49	1 0	15 55	0 19	20 11	1 36	13 13	16 21	3 19	3 9	7 37	8 1	1 36
S 6	6 46	19 14	4 4	4 36	3 22	13 53	3 3	22 41	0 47	19 24	1 2	18 50	1 0	15 55	0 19	20 11	1 36	13 12	16 21	3 18	3 10	7 34	8 0	1 36
S 7	6 24	23 23	4 42	5 12	3 5	14 18	3 9	22 36	0 48	19 25	1 2	18 51	1 0	15 56	0 19	20 11	1 36	13 11	16 21	3 18	3 11	7 30	7 59	1 36
M 8	6 2	26 32	5 7	5 47	2 48	14 44	3 16	22 31	0 49	19 25	1 3	18 52	1 0	15 57	0 19	20 11	1 36	13 10	16 21	3 18	3 13	7 27	7 58	1 36
T 9	5 39	28 22	5 18	6 21	2 30	15 9	3 22	22 26	0 50	19 26	1 3	18 53	1 0	15 57	0 19	20 11	1 36	13 9	16 20	3 18	3 14	7 24	7 57	1 36
W10	5 16	28 37	5 11	6 54	2 10	15 33	3 29	22 20	0 51	19 26	1 3	18 54	1 0	15 58	0 19	20 11	1 36	13 8	16 20	3 18	3 15	7 20	7 56	1 36
T 11	4 53	27 5	4 47	7 24	1 51	15 57	3 35	22 15	0 52	19 26	1 3	18 54	1 0	15 59	0 19	20 11	1 36	13 7	16 20	3 18	3 16	7 17	7 55	1 36
F 12	4 31	23 47	4 4	7 51	1 31	16 21	3 42	22 9	0 52	19 27	1 3	18 55	1 0	16 0	0 19	20 11	1 36	13 6	16 20	3 18	3 18	7 14	7 54	1 36
S 13	4 8	18 53	3 4	8 14	1 12	16 45	3 48	22 3	0 53	19 27	1 3	18 56	1 0	16 0	0 19	20 11	1 36	13 5	16 20	3 19	3 19	7 10	7 53	1 36
S 14	3 45	12 44	1 51	8 34	0 52	17 8	3 54	21 58	0 54	19 27	1 3	18 57	1 0	16 1	0 19	20 10	1 36	13 4	16 20	3 19	3 20	7 7	7 52	1 36
M15	3 21	5 46	0 29	8 50	0 34	17 31	4 1	21 52	0 55	19 27	1 3	18 57	1 0	16 2	0 19	20 10	1 36	13 3	16 20	3 19	3 21	7 3	7 51	1 36
T 16	2 58	1s32	0s56	9 1	0 16	17 53	4 7	21 45	0 56	19 27	1 3	18 58	1 0	16 3	0 19	20 10	1 36	13 2	16 20	3 19	3 23	7 0	7 50	1 36
W17	2 35	8 40	2 15	9 8	0n 1	18 15	4 14	21 39	0 57	19 27	1 4	18 59	1 0	16 3	0 19	20 10	1 36	13 1	16 20	3 19	3 24	6 57	7 49	1 36
T 18	2 12	15 11	3 24	9 11	0 17	18 37	4 20	21 33	0 57	19 27	1 4	18 59	1 0	16 4	0 19	20 10	1 36	13 0	16 19	3 19	3 25	6 53	7 48	1 36
F 19	1 48	20 43	4 18	9 9	0 32	18 58	4 27	21 26	0 58	19 27	1 4	19 0	1 0	16 5	0 19	20 10	1 36	12 59	16 19	3 19	3 26	6 50	7 47	1 36
S 20	1 25	24 55	4 55	9 3	0 45	19 19	4 33	21 19	0 59	19 27	1 4	19 1	1 0	16 6	0 19	20 10	1 36	12 58	16 19	3 19	3 28	6 47	7 46	1 36
S 21	1 2	27 37	5 14	8 53	0 58	19 39	4 39	21 13	1 0	19 27	1 4	19 1	1 0	16 7	0 19	20 10	1 36	12 57	16 19	3 19	3 29	6 43	7 45	1 36
M22	0 38	28 42	5 17	8 38	1 9	19 59	4 45	21 6	1 1	19 27	1 4	19 2	1 0	16 8	0 19	20 10	1 36	12 56	16 19	3 19	3 30	6 40	7 44	1 35
T 23	0 15	28 13	5 3	8 20	1 18	20 18	4 52	20 59	1 2	19 27	1 4	19 2	1 0	16 8	0 19	20 10	1 36	12 55	16 19	3 19	3 31	6 36	7 43	1 35
W24	0s 9	26 20	4 36	7 58	1 27	20 37	4 58	20 52	1 3	19 27	1 4	19 3	1 0	16 9	0 19	20 10	1 36	12 54	16 19	3 19	3 33	6 33	7 42	1 35
T 25	0 32	23 16	3 57	7 33	1 34	20 55	5 4	20 45	1 4	19 26	1 4	19 3	1 0	16 10	0 19	20 10	1 37	12 53	16 19	3 19	3 34	6 30	7 41	1 35
F 26	0 56	19 15	3 8	7 5	1 40	21 13	5 10	20 37	1 4	19 26	1 5	19 4	1 0	16 11	0 19	20 9	1 37	12 53	16 19	3 18	3 35	6 26	7 40	1 35
S 27	1 19	14 32	2 12	6 33	1 45	21 30	5 16	20 30	1 5	19 26	1 5	19 4	1 0	16 12	0 19	20 9	1 37	12 52	16 19	3 18	3 36	6 23	7 39	1 35
S 28	1 42	9 17	1 10	6 0	1 49	21 47	5 21	20 22	1 6	19 25	1 5	19 5	1 0	16 13	0 19	20 9	1 37	12 51	16 19	3 18	3 38	6 20	7 37	1 35
M29	2 6	3 44	0 5	5 24	1 52	22 3	5 27	20 15	1 7	19 25	1 5	19 5	1 0	16 14	0 19	20 9	1 37	12 50	16 19	3 17	3 39	6 16	7 36	1 35
T 30	2s29	1n58	1n 0	4n46	1n54	22s19	5s33	20n 7	1n 8	19n24	1s 5	19s 5	1s 0	16s15	0n19	20n 9	1s37	12n49	16n19	3s18	3s40	6s13	7n35	1n35

Julian Day Number = 2352076.5, Delta T = 10.89 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'18, Lahiri = 20°03'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

OCTOBER 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 36 40	7♎14'31	14♈34	24♍ 4	17♏47	5♌42	1°R20	8°R39	15♏40	8°R23	5♎26	21°R42	20♓42	15♓30	15°R29	W 1
T 2	0 40 37	8°13'38	26°37	25°47	18°20	6°18	1♊18	8♒38	15°43	8♊23	5°28	21♓40	20°39	15°37	15♈27	T 2
F 3	0 44 34	9°12'48	8♉48	27°31	18°51	6°53	1°15	8°37	15°47	8°22	5°30	21°37	20°36	15°43	15°24	F 3
S 4	0 48 30	10°12'00	21°10	29°15	19°20	7°28	1°13	8°35	15°50	8°21	5°33	21°34	20°33	15°50	15°21	S 4
S 5	0 52 27	11°11'14	3♊44	1♎ 1	19°49	8° 3	1°10	8°35	15°53	8°21	5°35	21°32	20°29	15°57	15°18	S 5
M 6	0 56 23	12°10'30	16°33	2°46	20°15	8°37	1° 7	8°34	15°56	8°20	5°37	21°29	20°26	16° 3	15°15	M 6
T 7	1 0 20	13° 9'49	29°38	4°32	20°40	9°12	1° 4	8°33	15°59	8°19	5°40	21°28	20°23	16°10	15°12	T 7
W 8	1 4 16	14° 9'10	13♋ 2	6°18	21° 3	9°47	1° 1	8°32	16° 3	8°18	5°42	21°D27	20°20	16°16	15°10	W 8
T 9	1 8 13	15° 8'33	26°47	8° 3	21°25	10°21	0°57	8°32	16° 6	8°17	5°44	21°27	20°17	16°23	15° 7	T 9
F 10	1 12 9	16° 7'59	10♌51	9°48	21°44	10°55	0°53	8°32	16° 9	8°16	5°47	21°28	20°14	16°30	15° 4	F 10
S 11	1 16 6	17° 7'27	25°16	11°33	22° 2	11°30	0°49	8°31	16°13	8°16	5°49	21°30	20°10	16°36	15° 1	S 11
S 12	1 20 3	18° 6'57	9♍58	13°18	22°18	12° 4	0°45	8°31	16°16	8°15	5°51	21°31	20° 7	16°43	14°58	S 12
M13	1 23 59	19° 6'29	24°53	15° 1	22°32	12°38	0°41	8°31	16°20	8°14	5°54	21°R31	20° 4	16°50	14°55	M13
T 14	1 27 56	20° 6'04	9♎53	16°45	22°43	13°12	0°36	8°D31	16°23	8°13	5°56	21°30	20° 1	16°56	14°53	T 14
W15	1 31 52	21° 5'40	24°50	18°28	22°53	13°45	0°32	8°31	16°26	8°12	5°58	21°28	19°58	17° 3	14°50	W15
T 16	1 35 49	22° 5'19	9♏35	20°10	23° 1	14°19	0°27	8°31	16°30	8°11	6° 0	21°24	19°55	17°10	14°47	T 16
F 17	1 39 45	23° 5'00	24° 1	21°51	23° 6	14°53	0°22	8°31	16°33	8°10	6° 3	21°19	19°51	17°16	14°44	F 17
S 18	1 43 42	24° 4'43	8♐ 3	23°33	23° 9	15°26	0°17	8°32	16°37	8° 8	6° 5	21°14	19°48	17°23	14°41	S 18
S 19	1 47 38	25° 4'27	21°39	25°13	23°R 9	15°59	0°12	8°32	16°40	8° 7	6° 7	21°10	19°45	17°30	14°38	S 19
M20	1 51 35	26° 4'13	4♑47	26°53	23° 8	16°32	0° 6	8°33	16°44	8° 6	6° 9	21° 6	19°42	17°36	14°36	M20
T 21	1 55 32	27° 4'01	17°30	28°32	23° 3	17° 5	0° 0	8°34	16°48	8° 5	6°12	21° 4	19°39	17°43	14°33	T 21
W22	1 59 28	28° 3'51	29°53	0♏11	22°57	17°38	29♉55	8°34	16°51	8° 4	6°14	21°D 4	19°35	17°50	14°30	W22
T 23	2 3 25	29° 3'42	11♒59	1°49	22°48	18°11	29°49	8°35	16°55	8° 3	6°16	21° 5	19°32	17°56	14°27	T 23
F 24	2 7 21	0♏ 3'35	23°54	3°27	22°36	18°44	29°42	8°36	16°58	8° 1	6°18	21° 6	19°29	18° 3	14°25	F 24
S 25	2 11 18	1° 3'29	5♓42	5° 4	22°22	19°16	29°36	8°37	17° 2	8° 0	6°20	21° 8	19°26	18° 9	14°22	S 25
S 26	2 15 14	2° 3'25	17°29	6°40	22° 6	19°48	29°30	8°39	17° 6	7°59	6°22	21°R 9	19°23	18°16	14°19	S 26
M27	2 19 11	3° 3'23	29°19	8°16	21°47	20°20	29°23	8°40	17° 9	7°57	6°25	21° 9	19°20	18°23	14°17	M27
T 28	2 23 7	4° 3'23	11♈15	9°52	21°26	20°52	29°17	8°41	17°13	7°56	6°27	21° 6	19°16	18°29	14°14	T 28
W29	2 27 4	5° 3'25	23°19	11°27	21° 3	21°24	29°10	8°43	17°17	7°55	6°29	21° 2	19°13	18°36	14°11	W29
T 30	2 31 1	6° 3'28	5♉35	13° 2	20°38	21°56	29° 3	8°45	17°20	7°53	6°31	20°56	19°10	18°43	14° 9	T 30
F 31	2 34 57	7♏ 3'33	18♉ 2	14♏36	20♏11	22♌28	28♉56	8♒46	17♏24	7♊52	6♎33	20♓48	19♓ 7	18♓49	14♈ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s53	7n39	2n 3	4n 7	1n55	22s34	5s38	19n59	1n 9	19n24	1s 5	19s 6	1s 0	16s15	0n19	20n 9	1s37	12n48	16n19	3s18	3s41	6s 9	7n34	1n35
T 2	3 16	13 6	3 1	3 26	1 55	22 48	5 43	19 51	1 10	19 23	1 5	19 6	1 0	16 16	0 19	20 9	1 37	12 47	16 19	3 19	3 43	6 6	7 33	1 35
F 3	3 39	18 7	3 52	2 44	1 54	23 2	5 48	19 43	1 11	19 23	1 5	19 6	1 0	16 17	0 19	20 8	1 37	12 46	16 19	3 20	3 44	6 3	7 32	1 35
S 4	4 3	22 27	4 32	2 1	1 53	23 15	5 53	19 35	1 12	19 22	1 5	19 7	1 0	16 18	0 19	20 8	1 37	12 46	16 20	3 21	3 45	5 59	7 31	1 35
S 5	4 26	25 51	5 0	1 18	1 51	23 27	5 58	19 27	1 12	19 22	1 5	19 7	1 0	16 19	0 19	20 8	1 37	12 45	16 20	3 22	3 46	5 56	7 29	1 35
M 6	4 49	28 0	5 14	0 33	1 49	23 39	6 3	19 19	1 13	19 21	1 5	19 7	1 0	16 20	0 19	20 8	1 37	12 44	16 20	3 23	3 48	5 52	7 28	1 35
T 7	5 12	28 41	5 12	0s11	1 46	23 50	6 7	19 11	1 14	19 20	1 5	19 7	1 0	16 21	0 19	20 8	1 37	12 43	16 20	3 24	3 49	5 49	7 27	1 34
W 8	5 35	27 42	4 53	0 57	1 42	24 1	6 11	19 2	1 15	19 19	1 6	19 7	1 0	16 22	0 19	20 8	1 37	12 42	16 20	3 24	3 50	5 46	7 26	1 34
T 9	5 58	25 3	4 17	1 42	1 38	24 10	6 15	18 54	1 16	19 19	1 6	19 7	1 0	16 23	0 19	20 8	1 37	12 41	16 20	3 24	3 51	5 42	7 25	1 34
F 10	6 21	20 50	3 25	2 27	1 34	24 19	6 19	18 45	1 17	19 18	1 6	19 8	1 0	16 24	0 19	20 7	1 37	12 41	16 20	3 23	3 53	5 39	7 23	1 34
S 11	6 44	15 18	2 19	3 13	1 29	24 27	6 22	18 37	1 18	19 17	1 6	19 8	1 0	16 25	0 19	20 7	1 37	12 40	16 20	3 23	3 54	5 35	7 22	1 34
S 12	7 7	8 49	1 3	3 58	1 24	24 34	6 25	18 28	1 19	19 16	1 6	19 8	1 0	16 26	0 19	20 7	1 37	12 39	16 20	3 22	3 55	5 32	7 21	1 34
M13	7 30	1 45	0s18	4 43	1 19	24 41	6 28	18 19	1 20	19 15	1 6	19 8	1 0	16 27	0 19	20 7	1 37	12 38	16 20	3 22	3 56	5 29	7 20	1 34
T 14	7 52	5s26	1 39	5 28	1 13	24 46	6 31	18 11	1 21	19 14	1 6	19 8	1 0	16 28	0 19	20 7	1 37	12 38	16 21	3 22	3 58	5 25	7 19	1 34
W15	8 15	12 18	2 53	6 13	1 7	24 51	6 33	18 2	1 22	19 13	1 6	19 8	1 0	16 29	0 19	20 6	1 37	12 37	16 21	3 23	3 59	5 22	7 18	1 34
T 16	8 37	18 23	3 53	6 57	1 1	24 54	6 34	17 53	1 23	19 12	1 6	19 8	1 0	16 30	0 19	20 6	1 37	12 36	16 21	3 25	4 0	5 18	7 16	1 34
F 17	8 59	23 17	4 38	7 41	0 55	24 57	6 36	17 44	1 24	19 11	1 6	19 7	1 0	16 31	0 19	20 6	1 37	12 35	16 21	3 27	4 1	5 15	7 15	1 34
S 18	9 21	26 41	5 4	8 24	0 49	24 58	6 36	17 35	1 25	19 10	1 6	19 7	1 0	16 32	0 19	20 6	1 37	12 35	16 21	3 29	4 3	5 12	7 14	1 34
S 19	9 43	28 24	5 12	9 7	0 43	24 59	6 37	17 26	1 26	19 9	1 6	19 7	1 0	16 33	0 19	20 6	1 37	12 34	16 22	3 31	4 4	5 8	7 13	1 33
M20	10 5	28 27	5 4	9 49	0 36	24 58	6 37	17 17	1 27	19 8	1 6	19 7	1 0	16 34	0 19	20 5	1 38	12 33	16 22	3 32	4 5	5 5	7 12	1 33
T 21	10 27	26 57	4 40	10 31	0 30	24 56	6 36	17 8	1 28	19 6	1 6	19 7	1 0	16 35	0 18	20 5	1 38	12 33	16 22	3 33	4 6	5 1	7 11	1 33
W22	10 48	24 11	4 4	11 12	0 23	24 54	6 35	16 59	1 29	19 5	1 6	19 7	1 0	16 36	0 18	20 5	1 38	12 32	16 22	3 33	4 8	4 58	7 9	1 33
T 23	11 9	20 23	3 17	11 52	0 16	24 49	6 33	16 50	1 30	19 4	1 6	19 6	1 0	16 37	0 18	20 5	1 38	12 31	16 22	3 33	4 9	4 55	7 8	1 33
F 24	11 31	15 50	2 23	12 32	0 10	24 44	6 30	16 40	1 31	19 3	1 6	19 6	1 0	16 38	0 18	20 4	1 38	12 31	16 23	3 32	4 10	4 51	7 7	1 33
S 25	11 52	10 43	1 23	13 11	0 3	24 37	6 27	16 31	1 32	19 1	1 6	19 6	1 0	16 39	0 18	20 4	1 38	12 30	16 23	3 31	4 11	4 48	7 6	1 33
S 26	12 12	5 15	0 20	13 50	0s 4	24 29	6 24	16 22	1 33	19 0	1 6	19 5	1 0	16 40	0 18	20 4	1 38	12 30	16 23	3 31	4 13	4 44	7 5	1 33
M27	12 33	0n24	0n44	14 27	0 11	24 20	6 19	16 13	1 34	18 58	1 6	19 5	1 0	16 41	0 18	20 4	1 38	12 29	16 23	3 31	4 14	4 41	7 4	1 33
T 28	12 53	6 6	1 47	15 4	0 17	24 9	6 14	16 3	1 35	18 57	1 6	19 5	1 0	16 42	0 18	20 4	1 38	12 28	16 24	3 32	4 15	4 37	7 2	1 33
W29	13 14	11 38	2 45	15 40	0 24	23 58	6 8	15 54	1 36	18 56	1 6	19 4	1 0	16 43	0 18	20 3	1 38	12 28	16 24	3 34	4 16	4 34	7 1	1 32
T 30	13 34	16 48	3 37	16 16	0 31	23 44	6 1	15 45	1 37	18 54	1 6	19 4	1 0	16 44	0 18	20 3	1 38	12 27	16 24	3 36	4 18	4 31	7 0	1 32
F 31	13s53	21n22	4n19	16s50	0s37	23s30	5s54	15n35	1n38	18n53	1s 6	19s 3	1s 0	16s45	0n18	20n 3	1s38	12n27	16n24	3s39	4s19	4s27	6n59	1n32

Julian Day Number = 2352106.5, Delta T = 10.90 sec
Ecliptic obliquity = 23°28'39, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'22, Lahiri = 20°03'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

NOVEMBER 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 38 54	8♏ 3'40	0♊42	16♏10	19°R42	22♌59	28°R49	8♒48	17♏28	7°R51	6♎35	20°R39	19♓ 4	18♓56	14°R 4	S 1
S 2	2 42 50	9° 3'50	13°34	17°43	19♏11	23°30	28♉42	8°50	17°31	7♊49	6°37	20♓30	19° 1	19° 3	14♈ 1	S 2
M 3	2 46 47	10° 4'01	26°39	19°16	18°39	24° 2	28°34	8°52	17°35	7°48	6°39	20°23	18°57	19° 9	13°59	M 3
T 4	2 50 43	11° 4'14	9♋55	20°49	18° 5	24°32	28°27	8°54	17°39	7°46	6°41	20°16	18°54	19°16	13°56	T 4
W 5	2 54 40	12° 4'29	23°25	22°21	17°31	25° 3	28°19	8°56	17°42	7°45	6°43	20°12	18°51	19°23	13°54	W 5
T 6	2 58 36	13° 4'46	7♌ 7	23°53	16°55	25°34	28°12	8°59	17°46	7°43	6°45	20°D11	18°48	19°29	13°51	T 6
F 7	3 2 33	14° 5'06	21° 2	25°25	16°19	26° 4	28° 4	9° 1	17°50	7°42	6°47	20°11	18°45	19°36	13°49	F 7
S 8	3 6 30	15° 5'27	5♍10	26°56	15°43	26°35	27°56	9° 3	17°54	7°40	6°49	20°12	18°41	19°42	13°47	S 8
S 9	3 10 26	16° 5'50	19°30	28°27	15° 7	27° 5	27°48	9° 6	17°57	7°39	6°51	20°R12	18°38	19°49	13°44	S 9
M10	3 14 23	17° 6'15	4♎ 0	29°57	14°30	27°35	27°40	9° 9	18° 1	7°37	6°53	20°11	18°35	19°56	13°42	M10
T 11	3 18 19	18° 6'42	18°37	1♐28	13°54	28° 4	27°32	9°12	18° 5	7°36	6°55	20° 8	18°32	20° 2	13°40	T 11
W12	3 22 16	19° 7'11	3♏13	2°58	13°19	28°34	27°24	9°14	18° 8	7°34	6°57	20° 3	18°29	20° 9	13°38	W12
T 13	3 26 12	20° 7'41	17°44	4°27	12°45	29° 3	27°16	9°17	18°12	7°32	6°59	19°54	18°26	20°16	13°35	T 13
F 14	3 30 9	21° 8'14	2♐ 1	5°56	12°11	29°32	27° 8	9°20	18°16	7°31	7° 0	19°44	18°22	20°22	13°33	F 14
S 15	3 34 5	22° 8'47	15°59	7°25	11°39	0♍ 1	27° 0	9°24	18°20	7°29	7° 2	19°34	18°19	20°29	13°31	S 15
S 16	3 38 2	23° 9'22	29°34	8°53	11° 9	0°30	26°52	9°27	18°23	7°28	7° 4	19°23	18°16	20°36	13°29	S 16
M17	3 41 59	24° 9'59	12♑44	10°21	10°40	0°59	26°44	9°30	18°27	7°26	7° 6	19°15	18°13	20°42	13°27	M17
T 18	3 45 55	25°10'37	25°30	11°48	10°13	1°27	26°36	9°34	18°31	7°24	7° 7	19° 8	18°10	20°49	13°25	T 18
W19	3 49 52	26°11'16	7♒55	13°15	9°48	1°55	26°27	9°37	18°35	7°23	7° 9	19° 4	18° 7	20°56	13°23	W19
T 20	3 53 48	27°11'56	20° 2	14°41	9°25	2°23	26°19	9°41	18°38	7°21	7°11	19° 2	18° 3	21° 2	13°21	T 20
F 21	3 57 45	28°12'37	1♓57	16° 7	9° 4	2°51	26°11	9°44	18°42	7°19	7°12	19°D 2	18° 0	21° 9	13°20	F 21
S 22	4 1 41	29°13'19	13°46	17°31	8°45	3°18	26° 3	9°48	18°46	7°18	7°14	19°R 3	17°57	21°16	13°18	S 22
S 23	4 5 38	0♐14'02	25°33	18°55	8°29	3°45	25°55	9°52	18°49	7°16	7°16	19° 2	17°54	21°22	13°16	S 23
M24	4 9 34	1°14'47	7♈25	20°18	8°15	4°12	25°47	9°56	18°53	7°14	7°17	19° 1	17°51	21°29	13°14	M24
T 25	4 13 31	2°15'32	19°25	21°39	8° 4	4°39	25°39	10° 0	18°57	7°13	7°19	18°57	17°47	21°35	13°13	T 25
W26	4 17 28	3°16'19	1♉38	23° 0	7°55	5° 5	25°31	10° 4	19° 0	7°11	7°20	18°50	17°44	21°42	13°11	W26
T 27	4 21 24	4°17'06	14° 6	24°18	7°49	5°32	25°23	10° 8	19° 4	7° 9	7°22	18°41	17°41	21°49	13°10	T 27
F 28	4 25 21	5°17'55	26°50	25°35	7°45	5°58	25°15	10°12	19° 8	7° 7	7°23	18°29	17°38	21°55	13° 8	F 28
S 29	4 29 17	6°18'45	9♊51	26°50	7°D44	6°23	25° 7	10°17	19°11	7° 6	7°25	18°16	17°35	22° 2	13° 7	S 29
S 30	4 33 14	7♐19'36	23♊ 6	28♐ 2	7♏45	6♍49	24♉59	10♒21	19♏15	7♊ 4	7♎26	18♓ 2	17♓32	22♓ 9	13♈ 5	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s13	25n 2	4n49	17s24	0s44	23s14	5s46	15n26	1n39	18n51	1s 6	19s 3	1s 0	16s47	0n18	20n 3	1s38	12n26	16n25	3s43	4s20	4s24	6n58	1n32
S 2	14 32	27 30	5 5	17 57	0 50	22 57	5 37	15 17	1 40	18 49	1 6	19 2	1 0	16 48	0 18	20 2	1 38	12 26	16 25	3 46	4 21	4 20	6 57	1 32
M 3	14 51	28 31	5 5	18 29	0 57	22 38	5 27	15 7	1 41	18 48	1 6	19 2	0 59	16 49	0 18	20 2	1 38	12 25	16 25	3 49	4 23	4 17	6 56	1 32
T 4	15 10	27 55	4 49	19 0	1 3	22 19	5 17	14 58	1 42	18 46	1 6	19 1	0 59	16 50	0 18	20 2	1 38	12 25	16 26	3 52	4 24	4 14	6 55	1 32
W 5	15 29	25 40	4 17	19 30	1 9	21 59	5 6	14 49	1 43	18 45	1 6	19 0	0 59	16 51	0 18	20 2	1 38	12 24	16 26	3 53	4 25	4 10	6 54	1 32
T 6	15 47	21 55	3 30	19 59	1 15	21 37	4 55	14 39	1 44	18 43	1 6	19 0	0 59	16 52	0 18	20 1	1 38	12 24	16 26	3 54	4 26	4 7	6 53	1 31
F 7	16 5	16 53	2 30	20 27	1 21	21 15	4 42	14 30	1 46	18 41	1 6	18 59	0 59	16 53	0 18	20 1	1 38	12 23	16 27	3 54	4 28	4 3	6 52	1 31
S 8	16 23	10 52	1 20	20 54	1 27	20 52	4 29	14 21	1 47	18 40	1 6	18 58	0 59	16 54	0 18	20 1	1 38	12 23	16 27	3 53	4 29	4 0	6 51	1 31
S 9	16 41	4 13	0 4	21 21	1 32	20 28	4 16	14 11	1 48	18 38	1 6	18 58	0 59	16 55	0 18	20 0	1 38	12 22	16 27	3 53	4 30	3 56	6 50	1 31
M10	16 58	2s43	1s13	21 46	1 38	20 4	4 2	14 2	1 49	18 36	1 6	18 57	0 59	16 56	0 18	20 0	1 38	12 22	16 28	3 54	4 31	3 53	6 49	1 31
T 11	17 15	9 33	2 26	22 10	1 43	19 39	3 48	13 53	1 50	18 35	1 6	18 56	0 59	16 57	0 18	20 0	1 38	12 22	16 28	3 55	4 33	3 50	6 48	1 31
W12	17 32	15 53	3 29	22 33	1 48	19 15	3 33	13 44	1 51	18 33	1 6	18 55	0 59	16 58	0 18	20 0	1 38	12 21	16 29	3 57	4 34	3 46	6 47	1 31
T 13	17 48	21 16	4 18	22 55	1 53	18 50	3 18	13 34	1 52	18 31	1 5	18 55	0 59	16 59	0 18	19 59	1 38	12 21	16 29	4 0	4 35	3 43	6 46	1 31
F 14	18 4	25 19	4 50	23 15	1 57	18 25	3 3	13 25	1 53	18 29	1 5	18 54	0 59	17 0	0 18	19 59	1 38	12 21	16 29	4 4	4 36	3 39	6 45	1 30
S 15	18 20	27 46	5 3	23 35	2 1	18 0	2 48	13 16	1 55	18 28	1 5	18 53	0 59	17 1	0 18	19 59	1 38	12 20	16 30	4 8	4 38	3 36	6 44	1 30
S 16	18 35	28 28	4 59	23 53	2 5	17 36	2 32	13 7	1 56	18 26	1 5	18 52	0 59	17 2	0 18	19 59	1 38	12 20	16 30	4 12	4 39	3 32	6 43	1 30
M17	18 51	27 30	4 39	24 10	2 9	17 12	2 17	12 58	1 57	18 24	1 5	18 51	0 59	17 3	0 18	19 58	1 38	12 20	16 31	4 16	4 40	3 29	6 42	1 30
T 18	19 5	25 5	4 5	24 26	2 13	16 49	2 1	12 49	1 58	18 22	1 5	18 50	0 59	17 4	0 18	19 58	1 38	12 19	16 31	4 18	4 41	3 26	6 41	1 30
W19	19 20	21 33	3 21	24 40	2 16	16 26	1 46	12 40	1 59	18 20	1 5	18 49	0 59	17 5	0 18	19 58	1 38	12 19	16 31	4 20	4 43	3 22	6 40	1 30
T 20	19 34	17 10	2 28	24 54	2 19	16 5	1 30	12 31	2 1	18 19	1 5	18 48	0 59	17 6	0 18	19 57	1 38	12 19	16 32	4 21	4 44	3 19	6 39	1 30
F 21	19 48	12 11	1 30	25 5	2 21	15 44	1 15	12 22	2 2	18 17	1 5	18 47	0 59	17 7	0 18	19 57	1 38	12 19	16 32	4 21	4 45	3 15	6 38	1 29
S 22	20 1	6 50	0 28	25 16	2 23	15 23	1 0	12 13	2 3	18 15	1 5	18 46	0 59	17 8	0 18	19 57	1 38	12 18	16 33	4 21	4 46	3 12	6 38	1 29
S 23	20 14	1 14	0n35	25 25	2 25	15 4	0 46	12 5	2 4	18 13	1 4	18 45	0 59	17 9	0 18	19 57	1 38	12 18	16 33	4 21	4 47	3 8	6 37	1 29
M24	20 27	4n25	1 36	25 33	2 26	14 46	0 31	11 56	2 6	18 12	1 4	18 44	0 59	17 10	0 18	19 56	1 38	12 18	16 34	4 21	4 49	3 5	6 36	1 29
T 25	20 39	9 59	2 34	25 39	2 27	14 29	0 17	11 47	2 7	18 10	1 4	18 43	0 59	17 11	0 18	19 56	1 38	12 18	16 34	4 23	4 50	3 2	6 35	1 29
W26	20 51	15 16	3 26	25 44	2 27	14 14	0 3	11 39	2 8	18 8	1 4	18 42	0 59	17 12	0 18	19 56	1 38	12 18	16 35	4 25	4 51	2 58	6 35	1 29
T 27	21 2	20 2	4 8	25 47	2 26	13 59	0n10	11 30	2 9	18 6	1 4	18 41	0 59	17 13	0 18	19 56	1 38	12 17	16 35	4 29	4 52	2 55	6 34	1 29
F 28	21 13	24 1	4 40	25 49	2 25	13 46	0 23	11 22	2 11	18 5	1 4	18 40	0 59	17 14	0 18	19 55	1 38	12 17	16 36	4 34	4 54	2 51	6 33	1 28
S 29	21 24	26 52	4 57	25 50	2 23	13 33	0 35	11 14	2 12	18 3	1 3	18 38	0 59	17 15	0 18	19 55	1 38	12 17	16 36	4 39	4 55	2 48	6 32	1 28
S 30	21s34	28n17	4n59	25s49	2s21	13s22	0n47	11n 5	2n13	18n 1	1s 3	18s37	0s59	17s16	0n18	19n55	1s38	12n17	16n37	4s44	4s56	2s44	6n32	1n28

Julian Day Number = 2352137.5, Delta T = 10.91 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'27, Lahiri = 20°03'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1727
geocentric

DECEMBER 1727 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 37 10	8♐20'29	6♋35	29♐12	7♏49	7♍14	24°R51	10♒26	19♏18	7°R 2	7♎27	17°R50	17♓28	22♓15	13°R 4	M 1
T 2	4 41 7	9°21'22	20°14	0♑19	7°54	7°39	24♉43	10°30	19°22	7♊ 1	7°29	17♓41	17°25	22°22	13♈ 3	T 2
W 3	4 45 3	10°22'17	4♌ 1	1°21	8° 3	8° 3	24°36	10°35	19°26	6°59	7°30	17°34	17°22	22°29	13° 1	W 3
T 4	4 49 0	11°23'13	17°54	2°20	8°13	8°28	24°28	10°40	19°29	6°57	7°31	17°30	17°19	22°35	13° 0	T 4
F 5	4 52 57	12°24'10	1♍52	3°14	8°26	8°52	24°21	10°44	19°33	6°56	7°33	17°28	17°16	22°42	12°59	F 5
S 6	4 56 53	13°25'09	15°55	4° 3	8°41	9°16	24°14	10°49	19°36	6°54	7°34	17°28	17°13	22°49	12°58	S 6
S 7	5 0 50	14°26'08	0♎ 1	4°46	8°58	9°39	24° 6	10°54	19°40	6°52	7°35	17°28	17° 9	22°55	12°57	S 7
M 8	5 4 46	15°27'09	14°10	5°21	9°17	10° 2	23°59	10°59	19°43	6°51	7°36	17°26	17° 6	23° 2	12°56	M 8
T 9	5 8 43	16°28'11	28°20	5°49	9°38	10°25	23°52	11° 4	19°47	6°49	7°37	17°22	17° 3	23° 8	12°55	T 9
W10	5 12 39	17°29'14	12♏30	6° 8	10° 1	10°47	23°45	11° 9	19°50	6°47	7°39	17°15	17° 0	23°15	12°54	W10
T 11	5 16 36	18°30'18	26°34	6°R18	10°25	11° 9	23°39	11°15	19°53	6°46	7°40	17° 5	16°57	23°22	12°53	T 11
F 12	5 20 32	19°31'23	10♐28	6°17	10°52	11°31	23°32	11°20	19°57	6°44	7°41	16°52	16°53	23°28	12°53	F 12
S 13	5 24 29	20°32'29	24° 9	6° 5	11°20	11°53	23°25	11°25	20° 0	6°42	7°42	16°39	16°50	23°35	12°52	S 13
S 14	5 28 26	21°33'35	7♑32	5°42	11°50	12°14	23°19	11°31	20° 3	6°41	7°43	16°26	16°47	23°42	12°51	S 14
M15	5 32 22	22°34'42	20°35	5° 7	12°21	12°34	23°13	11°36	20° 7	6°39	7°44	16°14	16°44	23°48	12°51	M15
T 16	5 36 19	23°35'49	3♒17	4°20	12°54	12°55	23° 7	11°42	20°10	6°37	7°45	16° 5	16°41	23°55	12°50	T 16
W17	5 40 15	24°36'57	15°41	3°23	13°29	13°14	23° 1	11°47	20°13	6°36	7°45	15°59	16°38	24° 2	12°50	W17
T 18	5 44 12	25°38'04	27°48	2°16	14° 4	13°34	22°55	11°53	20°17	6°34	7°46	15°56	16°34	24° 8	12°49	T 18
F 19	5 48 8	26°39'12	9♓44	1° 2	14°41	13°53	22°50	11°59	20°20	6°33	7°47	15°55	16°31	24°15	12°49	F 19
S 20	5 52 5	27°40'21	21°33	29♐43	15°20	14°12	22°44	12° 5	20°23	6°31	7°48	15°54	16°28	24°22	12°49	S 20
S 21	5 56 2	28°41'29	3♈20	28°20	15°59	14°30	22°39	12°10	20°26	6°29	7°49	15°54	16°25	24°28	12°49	S 21
M22	5 59 58	29°42'37	15°12	26°58	16°40	14°48	22°34	12°16	20°29	6°28	7°49	15°53	16°22	24°35	12°48	M22
T 23	6 3 55	0♑43'46	27°14	25°39	17°22	15° 5	22°29	12°22	20°32	6°26	7°50	15°50	16°19	24°42	12°48	T 23
W24	6 7 51	1°44'54	9♉30	24°25	18° 5	15°22	22°24	12°28	20°35	6°25	7°51	15°45	16°15	24°48	12°D48	W24
T 25	6 11 48	2°46'03	22° 5	23°18	18°49	15°39	22°19	12°34	20°38	6°23	7°51	15°36	16°12	24°55	12°48	T 25
F 26	6 15 44	3°47'12	5♊ 0	22°20	19°35	15°55	22°15	12°40	20°41	6°22	7°52	15°26	16° 9	25° 1	12°48	F 26
S 27	6 19 41	4°48'20	18°17	21°31	20°21	16°10	22°11	12°47	20°44	6°20	7°52	15°14	16° 6	25° 8	12°48	S 27
S 28	6 23 37	5°49'29	1♋53	20°53	21° 8	16°26	22° 7	12°53	20°47	6°19	7°53	15° 2	16° 3	25°15	12°49	S 28
M29	6 27 34	6°50'38	15°47	20°26	21°56	16°40	22° 3	12°59	20°50	6°18	7°53	14°50	15°59	25°21	12°49	M29
T 30	6 31 31	7°51'47	29°54	20° 9	22°45	16°54	21°59	13° 5	20°53	6°16	7°54	14°41	15°56	25°28	12°49	T 30
W31	6 35 27	8♑52'56	14♌ 8	20°D 1	23♏35	17♍ 8	21♉56	13♒12	20♏56	6♊15	7♎54	14♓35	15♓53	25♓35	12♈50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s44	28n 3	4n45	25s46	2s18	13s12	0n59	10n57	2n15	17n59	1s 3	18s36	0s59	17s17	0n18	19n54	1s38	12n17	16n37	4s49	4s57	2s41	6n31	1n28
T 2	21 53	26 8	4 14	25 42	2 14	13 4	1 10	10 49	2 16	17 58	1 3	18 35	0 59	17 18	0 18	19 54	1 38	12 17	16 38	4 53	4 59	2 38	6 30	1 28
W 3	22 2	22 39	3 28	25 37	2 9	12 56	1 21	10 41	2 17	17 56	1 3	18 33	0 59	17 19	0 18	19 54	1 38	12 17	16 38	4 55	5 0	2 34	6 30	1 28
T 4	22 11	17 52	2 29	25 30	2 3	12 50	1 31	10 33	2 19	17 54	1 3	18 32	0 59	17 20	0 18	19 54	1 38	12 17	16 39	4 57	5 1	2 31	6 29	1 28
F 5	22 19	12 6	1 22	25 22	1 56	12 44	1 41	10 25	2 20	17 53	1 2	18 31	0 59	17 21	0 18	19 53	1 38	12 17	16 39	4 57	5 2	2 27	6 29	1 27
S 6	22 27	5 42	0 8	25 13	1 48	12 40	1 51	10 18	2 21	17 51	1 2	18 29	0 59	17 22	0 18	19 53	1 38	12 17	16 40	4 57	5 4	2 24	6 28	1 27
S 7	22 34	1s 1	1s 6	25 2	1 39	12 37	2 0	10 10	2 23	17 50	1 2	18 28	0 59	17 23	0 18	19 53	1 38	12 17	16 40	4 58	5 5	2 20	6 27	1 27
M 8	22 41	7 41	2 16	24 50	1 28	12 35	2 8	10 3	2 24	17 48	1 2	18 27	0 59	17 24	0 18	19 53	1 38	12 17	16 41	4 58	5 6	2 17	6 27	1 27
T 9	22 47	13 59	3 18	24 37	1 17	12 34	2 16	9 55	2 26	17 47	1 2	18 25	0 59	17 25	0 18	19 52	1 38	12 17	16 41	5 0	5 7	2 13	6 26	1 27
W10	22 53	19 32	4 7	24 23	1 3	12 34	2 24	9 48	2 27	17 45	1 1	18 24	0 59	17 26	0 18	19 52	1 38	12 17	16 42	5 3	5 9	2 10	6 26	1 27
T 11	22 59	23 58	4 41	24 9	0 49	12 34	2 32	9 41	2 29	17 44	1 1	18 22	0 59	17 27	0 18	19 52	1 38	12 17	16 42	5 7	5 10	2 7	6 26	1 26
F 12	23 4	26 58	4 58	23 53	0 33	12 36	2 39	9 34	2 30	17 42	1 1	18 21	0 59	17 28	0 18	19 52	1 38	12 17	16 43	5 11	5 11	2 3	6 25	1 26
S 13	23 8	28 18	4 57	23 37	0 16	12 38	2 45	9 27	2 32	17 41	1 1	18 19	0 59	17 29	0 18	19 51	1 38	12 17	16 43	5 17	5 12	2 0	6 25	1 26
S 14	23 12	27 56	4 40	23 19	0n 2	12 41	2 52	9 20	2 33	17 39	1 0	18 18	0 59	17 30	0 18	19 51	1 38	12 17	16 44	5 22	5 14	1 56	6 24	1 26
M15	23 16	26 0	4 9	23 2	0 21	12 45	2 57	9 14	2 35	17 38	1 0	18 16	0 59	17 30	0 18	19 51	1 38	12 18	16 44	5 26	5 15	1 53	6 24	1 26
T 16	23 19	22 47	3 25	22 44	0 41	12 50	3 3	9 7	2 36	17 37	1 0	18 15	0 59	17 31	0 18	19 51	1 38	12 18	16 45	5 30	5 16	1 49	6 24	1 26
W17	23 22	18 36	2 33	22 25	1 1	12 55	3 8	9 1	2 38	17 35	1 0	18 13	0 59	17 32	0 18	19 50	1 38	12 18	16 46	5 32	5 17	1 46	6 23	1 25
T 18	23 24	13 44	1 34	22 7	1 21	13 1	3 13	8 55	2 39	17 34	1 0	18 12	0 59	17 33	0 18	19 50	1 38	12 18	16 46	5 33	5 18	1 42	6 23	1 25
F 19	23 26	8 26	0 33	21 49	1 40	13 7	3 18	8 49	2 41	17 33	0 59	18 10	0 59	17 34	0 18	19 50	1 38	12 18	16 47	5 34	5 20	1 39	6 23	1 25
S 20	23 27	2 54	0n30	21 30	1 58	13 14	3 22	8 43	2 42	17 32	0 59	18 8	0 59	17 35	0 18	19 50	1 38	12 19	16 47	5 34	5 21	1 36	6 22	1 25
S 21	23 28	2n43	1 31	21 13	2 15	13 22	3 26	8 38	2 44	17 31	0 59	18 7	0 59	17 36	0 18	19 49	1 38	12 19	16 48	5 34	5 22	1 32	6 22	1 25
M22	23 29	8 17	2 29	20 57	2 30	13 30	3 29	8 32	2 45	17 30	0 59	18 5	0 59	17 36	0 18	19 49	1 38	12 19	16 48	5 34	5 23	1 29	6 22	1 25
T 23	23 28	13 37	3 21	20 42	2 42	13 38	3 33	8 27	2 47	17 29	0 58	18 3	0 59	17 37	0 18	19 49	1 38	12 19	16 49	5 36	5 25	1 25	6 22	1 25
W24	23 28	18 32	4 4	20 29	2 52	13 47	3 36	8 22	2 49	17 28	0 58	18 2	0 59	17 38	0 18	19 49	1 38	12 20	16 50	5 38	5 26	1 22	6 22	1 24
T 25	23 27	22 46	4 37	20 19	3 0	13 57	3 38	8 17	2 50	17 27	0 58	18 0	0 59	17 39	0 18	19 48	1 38	12 20	16 50	5 41	5 27	1 18	6 21	1 24
F 26	23 25	26 2	4 57	20 10	3 5	14 7	3 41	8 12	2 52	17 26	0 58	17 58	0 59	17 40	0 18	19 48	1 38	12 20	16 51	5 45	5 28	1 15	6 21	1 24
S 27	23 23	27 58	5 1	20 4	3 8	14 17	3 43	8 8	2 54	17 25	0 57	17 57	0 59	17 40	0 18	19 48	1 38	12 21	16 51	5 50	5 30	1 12	6 21	1 24
S 28	23 21	28 17	4 49	20 1	3 9	14 27	3 45	8 3	2 55	17 24	0 57	17 55	0 59	17 41	0 18	19 48	1 38	12 21	16 52	5 54	5 31	1 8	6 21	1 24
M29	23 18	26 50	4 20	20 0	3 8	14 38	3 47	7 59	2 57	17 24	0 57	17 53	0 59	17 42	0 18	19 48	1 37	12 21	16 53	5 59	5 32	1 5	6 21	1 24
T 30	23 15	23 41	3 34	20 1	3 6	14 48	3 48	7 55	2 59	17 23	0 56	17 51	0 59	17 43	0 18	19 47	1 37	12 22	16 53	6 2	5 33	1 1	6 21	1 23
W31	23s11	19n 5	2n34	20s 5	3n 2	15s 0	3n49	7n51	3n 0	17n22	0s56	17s49	0s59	17s43	0n18	19n47	1s37	12n22	16n54	6s 5	5s35	0s58	6n21	1n23

Julian Day Number = 2352167.5, Delta T = 10.92 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'31, Lahiri = 20°03'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

JANUARY 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 24	9♑54'05	28♌25	20♐ 3	24♏25	17♍21	21°R53	13♒18	20♏58	6°R13	7♎54	14°R32	15♓50	25♓41	12♈50	T 1
F 2	6 43 20	10°55'14	12♍40	20°13	25°17	17°34	21♉50	13°24	21° 1	6♊12	7°55	14°D31	15°47	25°48	12°50	F 2
S 3	6 47 17	11°56'24	26°53	20°32	26° 9	17°46	21°47	13°31	21° 4	6°11	7°55	14♓31	15°44	25°55	12°51	S 3
S 4	6 51 13	12°57'33	10♎59	20°57	27° 2	17°57	21°44	13°37	21° 7	6°10	7°55	14°R31	15°40	26° 1	12°52	S 4
M 5	6 55 10	13°58'43	25° 0	21°29	27°55	18° 8	21°42	13°44	21° 9	6° 8	7°55	14°31	15°37	26° 8	12°52	M 5
T 6	6 59 6	14°59'53	8♏54	22° 7	28°49	18°18	21°39	13°51	21°12	6° 7	7°56	14°28	15°34	26°15	12°53	T 6
W 7	7 3 3	16° 1'03	22°40	22°50	29°44	18°28	21°37	13°57	21°14	6° 6	7°56	14°23	15°31	26°21	12°54	W 7
T 8	7 7 0	17° 2'13	6♐18	23°38	0♐40	18°37	21°36	14° 4	21°17	6° 5	7°56	14°16	15°28	26°28	12°55	T 8
F 9	7 10 56	18° 3'23	19°45	24°30	1°36	18°45	21°34	14°11	21°19	6° 3	7°56	14° 6	15°25	26°35	12°55	F 9
S 10	7 14 53	19° 4'33	3♑ 0	25°26	2°33	18°53	21°32	14°17	21°22	6° 2	7°56	13°56	15°21	26°41	12°56	S 10
S 11	7 18 49	20° 5'42	16° 2	26°25	3°30	19° 0	21°31	14°24	21°24	6° 1	7°R56	13°46	15°18	26°48	12°57	S 11
M12	7 22 46	21° 6'51	28°48	27°27	4°27	19° 7	21°30	14°31	21°26	6° 0	7°56	13°37	15°15	26°55	12°58	M12
T 13	7 26 42	22° 7'59	11♒19	28°32	5°26	19°13	21°29	14°38	21°29	5°59	7°56	13°30	15°12	27° 1	12°59	T 13
W14	7 30 39	23° 9'07	23°36	29°39	6°24	19°18	21°29	14°45	21°31	5°58	7°56	13°25	15° 9	27° 8	13° 1	W14
T 15	7 34 36	24°10'14	5♓40	0♑49	7°23	19°22	21°28	14°52	21°33	5°57	7°56	13°23	15° 5	27°14	13° 2	T 15
F 16	7 38 32	25°11'20	17°34	2° 0	8°23	19°26	21°D28	14°58	21°35	5°56	7°56	13°D23	15° 2	27°21	13° 3	F 16
S 17	7 42 29	26°12'25	29°22	3°13	9°23	19°29	21°28	15° 5	21°37	5°55	7°55	13°24	14°59	27°28	13° 4	S 17
S 18	7 46 25	27°13'30	11♈10	4°28	10°23	19°32	21°28	15°12	21°39	5°54	7°55	13°25	14°56	27°34	13° 6	S 18
M19	7 50 22	28°14'33	23° 1	5°45	11°24	19°33	21°29	15°19	21°41	5°53	7°55	13°R26	14°53	27°41	13° 7	M19
T 20	7 54 18	29°15'35	5♉ 1	7° 3	12°25	19°34	21°30	15°26	21°43	5°52	7°54	13°26	14°50	27°48	13° 9	T 20
W21	7 58 15	0♒16'37	17°16	8°22	13°27	19°R35	21°30	15°33	21°45	5°51	7°54	13°25	14°46	27°54	13°10	W21
T 22	8 2 11	1°17'37	29°50	9°43	14°29	19°34	21°31	15°40	21°47	5°50	7°54	13°21	14°43	28° 1	13°12	T 22
F 23	8 6 8	2°18'37	12♊47	11° 4	15°31	19°33	21°33	15°48	21°49	5°50	7°53	13°16	14°40	28° 8	13°14	F 23
S 24	8 10 5	3°19'35	26° 9	12°27	16°34	19°31	21°34	15°55	21°51	5°49	7°53	13° 9	14°37	28°14	13°15	S 24
S 25	8 14 1	4°20'32	9♋56	13°51	17°37	19°28	21°36	16° 2	21°53	5°48	7°52	13° 3	14°34	28°21	13°17	S 25
M26	8 17 58	5°21'28	24° 5	15°15	18°40	19°24	21°38	16° 9	21°54	5°48	7°52	12°56	14°31	28°28	13°19	M26
T 27	8 21 54	6°22'23	8♌33	16°41	19°43	19°20	21°40	16°16	21°56	5°47	7°51	12°51	14°27	28°34	13°21	T 27
W28	8 25 51	7°23'17	23°13	18° 8	20°47	19°15	21°42	16°23	21°57	5°46	7°51	12°48	14°24	28°41	13°22	W28
T 29	8 29 47	8°24'10	7♍58	19°35	21°51	19° 9	21°44	16°30	21°59	5°46	7°50	12°D47	14°21	28°48	13°24	T 29
F 30	8 33 44	9°25'02	22°41	21° 3	22°56	19° 2	21°47	16°37	22° 0	5°45	7°50	12°47	14°18	28°54	13°26	F 30
S 31	8 37 40	10♒25'54	7♎15	22♑32	24♐ 1	18♍54	21♉50	16♒45	22♏ 2	5♊45	7♎49	12♓48	14♓15	29♓ 1	13♈28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 6	13n22	1n25	20s10	2n56	15s11	3n50	7n48	3n 2	17n22	0s56	17s48	0s59	17s44	0n18	19n47	1s37	12n22	16n54	6s 6	5s36	0s54	6n21	1n23
F 2	23 2	6 58	0 10	20 17	2 50	15 22	3 51	7 44	3 4	17 21	0 56	17 46	0 59	17 45	0 18	19 47	1 37	12 23	16 55	6 6	5 37	0 51	6 21	1 23
S 3	22 56	0 15	1s 6	20 25	2 43	15 34	3 52	7 41	3 5	17 21	0 55	17 44	0 59	17 46	0 18	19 47	1 37	12 23	16 55	6 6	5 38	0 47	6 21	1 23
S 4	22 51	6s27	2 16	20 35	2 36	15 45	3 52	7 38	3 7	17 20	0 55	17 42	0 59	17 46	0 18	19 46	1 37	12 24	16 56	6 6	5 39	0 44	6 21	1 23
M 5	22 45	12 46	3 19	20 45	2 27	15 57	3 52	7 36	3 9	17 20	0 55	17 40	0 59	17 47	0 18	19 46	1 37	12 24	16 57	6 6	5 41	0 41	6 21	1 23
T 6	22 38	18 24	4 9	20 56	2 19	16 9	3 52	7 33	3 11	17 20	0 55	17 38	0 59	17 48	0 18	19 46	1 37	12 25	16 57	6 7	5 42	0 37	6 22	1 22
W 7	22 31	23 2	4 44	21 7	2 10	16 21	3 52	7 31	3 12	17 19	0 54	17 36	0 59	17 48	0 18	19 46	1 37	12 25	16 58	6 9	5 43	0 34	6 22	1 22
T 8	22 23	26 21	5 2	21 19	2 1	16 33	3 52	7 29	3 14	17 19	0 54	17 35	0 59	17 49	0 18	19 46	1 37	12 26	16 58	6 12	5 44	0 30	6 22	1 22
F 9	22 15	28 7	5 3	21 30	1 52	16 44	3 51	7 28	3 16	17 19	0 54	17 33	0 59	17 50	0 18	19 46	1 37	12 26	16 59	6 16	5 46	0 27	6 22	1 22
S 10	22 7	28 15	4 48	21 42	1 42	16 56	3 50	7 26	3 18	17 19	0 54	17 31	0 59	17 50	0 18	19 45	1 37	12 27	17 0	6 20	5 47	0 23	6 22	1 22
S 11	21 58	26 47	4 19	21 53	1 33	17 8	3 50	7 25	3 20	17 19	0 53	17 29	0 59	17 51	0 18	19 45	1 37	12 27	17 0	6 24	5 48	0 20	6 23	1 22
M12	21 49	23 57	3 36	22 4	1 24	17 19	3 48	7 24	3 21	17 19	0 53	17 27	0 59	17 51	0 18	19 45	1 37	12 28	17 1	6 27	5 49	0 16	6 23	1 21
T 13	21 39	20 2	2 44	22 14	1 14	17 31	3 47	7 23	3 23	17 19	0 53	17 25	0 59	17 52	0 18	19 45	1 37	12 28	17 1	6 30	5 51	0 13	6 23	1 21
W14	21 29	15 19	1 45	22 24	1 5	17 42	3 46	7 23	3 25	17 19	0 52	17 23	0 59	17 53	0 18	19 45	1 37	12 29	17 2	6 32	5 52	0 10	6 23	1 21
T 15	21 19	10 6	0 42	22 33	0 56	17 53	3 44	7 23	3 27	17 19	0 52	17 21	0 59	17 53	0 18	19 45	1 37	12 29	17 2	6 32	5 53	0 6	6 24	1 21
F 16	21 8	4 34	0n23	22 41	0 47	18 4	3 43	7 23	3 29	17 19	0 52	17 19	0 59	17 54	0 18	19 45	1 37	12 30	17 3	6 33	5 54	0 3	6 24	1 21
S 17	20 57	1n 3	1 26	22 49	0 38	18 15	3 41	7 23	3 30	17 20	0 52	17 17	0 59	17 54	0 18	19 44	1 37	12 31	17 4	6 32	5 55	0n 1	6 25	1 21
S 18	20 45	6 38	2 25	22 55	0 29	18 26	3 39	7 24	3 32	17 20	0 51	17 15	0 59	17 55	0 18	19 44	1 37	12 31	17 4	6 32	5 57	0 4	6 25	1 21
M19	20 33	12 1	3 18	23 1	0 20	18 36	3 37	7 25	3 34	17 20	0 51	17 13	0 59	17 55	0 18	19 44	1 37	12 32	17 5	6 31	5 58	0 8	6 25	1 20
T 20	20 20	17 2	4 3	23 6	0 12	18 46	3 35	7 26	3 36	17 21	0 51	17 11	0 59	17 56	0 18	19 44	1 37	12 32	17 5	6 31	5 59	0 11	6 26	1 20
W21	20 7	21 28	4 39	23 10	0 3	18 56	3 32	7 28	3 38	17 21	0 51	17 9	0 59	17 56	0 18	19 44	1 36	12 33	17 6	6 32	6 0	0 14	6 26	1 20
T 22	19 54	25 3	5 2	23 12	0s 5	19 6	3 30	7 30	3 39	17 22	0 50	17 7	0 59	17 57	0 18	19 44	1 36	12 34	17 6	6 33	6 2	0 18	6 27	1 20
F 23	19 41	27 29	5 10	23 14	0 13	19 15	3 27	7 32	3 41	17 22	0 50	17 4	1 0	17 57	0 18	19 44	1 36	12 34	17 7	6 35	6 3	0 21	6 27	1 20
S 24	19 27	28 27	5 2	23 14	0 21	19 24	3 25	7 34	3 43	17 23	0 50	17 2	1 0	17 58	0 18	19 44	1 36	12 35	17 8	6 38	6 4	0 25	6 28	1 20
S 25	19 12	27 43	4 37	23 14	0 28	19 33	3 22	7 37	3 45	17 24	0 49	17 0	1 0	17 58	0 18	19 44	1 36	12 36	17 8	6 40	6 5	0 28	6 28	1 19
M26	18 58	25 10	3 54	23 12	0 36	19 41	3 19	7 40	3 46	17 24	0 49	16 58	1 0	17 59	0 18	19 44	1 36	12 36	17 9	6 43	6 6	0 32	6 29	1 19
T 27	18 43	20 59	2 56	23 8	0 43	19 49	3 16	7 43	3 48	17 25	0 49	16 56	1 0	17 59	0 18	19 44	1 36	12 37	17 9	6 45	6 8	0 35	6 29	1 19
W28	18 27	15 27	1 45	23 4	0 50	19 57	3 13	7 47	3 50	17 26	0 49	16 54	1 0	17 59	0 18	19 44	1 36	12 38	17 10	6 46	6 9	0 39	6 30	1 19
T 29	18 11	9 0	0 26	22 58	0 56	20 4	3 10	7 51	3 51	17 27	0 48	16 52	1 0	18 0	0 18	19 43	1 36	12 39	17 10	6 46	6 10	0 42	6 31	1 19
F 30	17 55	2 5	0s54	22 52	1 3	20 11	3 7	7 55	3 53	17 28	0 48	16 50	1 0	18 0	0 18	19 43	1 36	12 39	17 11	6 46	6 11	0 45	6 31	1 19
S 31	17s39	4s52	2s10	22s43	1s 9	20s17	3n 3	7n59	3n55	17n29	0s48	16s48	1s 0	18s 1	0n18	19n43	1s36	12n40	17n11	6s46	6s13	0n49	6n32	1n19

Julian Day Number = 2352198.5, Delta T = 10.93 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'35, Lahiri = 20°03'36Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

FEBRUARY 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 41 37	11♒26'44	21♎38	24♑ 2	25♐ 6	18°R46	21♉53	16♒52	22♏ 3	5°R44	7°R48	12♓50	14♓11	29♓ 7	13♈31	S 1
M 2	8 45 34	12°27'33	5♏45	25°33	26°11	18♍37	21°56	16°59	22° 5	5♊44	7♎47	12°51	14° 8	29°14	13°33	M 2
T 3	8 49 30	13°28'22	19°37	27° 4	27°16	18°27	22° 0	17° 6	22° 6	5°43	7°47	12°R51	14° 5	29°21	13°35	T 3
W 4	8 53 27	14°29'10	3♐12	28°36	28°22	18°16	22° 3	17°13	22° 7	5°43	7°46	12°50	14° 2	29°27	13°37	W 4
T 5	8 57 23	15°29'56	16°33	0♒10	29°28	18° 5	22° 7	17°21	22° 8	5°42	7°45	12°47	13°59	29°34	13°39	T 5
F 6	9 1 20	16°30'42	29°38	1°43	0♑34	17°53	22°11	17°28	22° 9	5°42	7°44	12°43	13°56	29°41	13°42	F 6
S 7	9 5 16	17°31'27	12♑30	3°18	1°40	17°40	22°15	17°35	22°10	5°42	7°43	12°39	13°52	29°47	13°44	S 7
S 8	9 9 13	18°32'10	25°10	4°54	2°47	17°26	22°20	17°42	22°11	5°41	7°42	12°35	13°49	29°54	13°46	S 8
M 9	9 13 9	19°32'52	7♒36	6°30	3°54	17°11	22°24	17°49	22°12	5°41	7°41	12°31	13°46	0♈ 1	13°49	M 9
T 10	9 17 6	20°33'33	19°52	8° 7	5° 0	16°56	22°29	17°57	22°13	5°41	7°40	12°28	13°43	0° 7	13°51	T 10
W11	9 21 3	21°34'12	1♓58	9°45	6° 7	16°40	22°34	18° 4	22°14	5°41	7°39	12°27	13°40	0°14	13°54	W11
T 12	9 24 59	22°34'50	13°55	11°24	7°15	16°23	22°39	18°11	22°15	5°41	7°38	12°D26	13°37	0°21	13°57	T 12
F 13	9 28 56	23°35'26	25°46	13° 4	8°22	16° 6	22°44	18°18	22°16	5°41	7°37	12°27	13°33	0°27	13°59	F 13
S 14	9 32 52	24°36'00	7♈33	14°44	9°30	15°48	22°50	18°26	22°16	5°41	7°36	12°28	13°30	0°34	14° 2	S 14
S 15	9 36 49	25°36'33	19°21	16°26	10°37	15°29	22°55	18°33	22°17	5°D40	7°35	12°30	13°27	0°41	14° 4	S 15
M16	9 40 45	26°37'04	1♉12	18° 8	11°45	15°10	23° 1	18°40	22°18	5°40	7°34	12°31	13°24	0°47	14° 7	M16
T 17	9 44 42	27°37'33	13°11	19°52	12°53	14°51	23° 7	18°47	22°18	5°41	7°33	12°32	13°21	0°54	14°10	T 17
W18	9 48 38	28°38'01	25°24	21°36	14° 1	14°30	23°13	18°54	22°18	5°41	7°32	12°R33	13°17	1° 1	14°13	W18
T 19	9 52 35	29°38'26	7♊53	23°21	15°10	14° 9	23°19	19° 1	22°19	5°41	7°30	12°33	13°14	1° 7	14°16	T 19
F 20	9 56 32	0♓38'50	20°45	25° 7	16°18	13°48	23°26	19° 8	22°19	5°41	7°29	12°32	13°11	1°14	14°19	F 20
S 21	10 0 28	1°39'11	4♋ 2	26°54	17°27	13°27	23°32	19°16	22°20	5°41	7°28	12°31	13° 8	1°21	14°21	S 21
S 22	10 4 25	2°39'31	17°46	28°42	18°35	13° 5	23°39	19°23	22°20	5°41	7°27	12°30	13° 5	1°27	14°24	S 22
M23	10 8 21	3°39'49	1♌56	0♓32	19°44	12°42	23°46	19°30	22°20	5°41	7°25	12°29	13° 2	1°34	14°27	M23
T 24	10 12 18	4°40'05	16°31	2°22	20°53	12°19	23°53	19°37	22°20	5°42	7°24	12°28	12°58	1°40	14°30	T 24
W25	10 16 14	5°40'18	1♍24	4°13	22° 2	11°56	24° 0	19°44	22°20	5°42	7°23	12°27	12°55	1°47	14°33	W25
T 26	10 20 11	6°40'30	16°28	6° 5	23°11	11°33	24° 8	19°51	22°R20	5°42	7°21	12°D27	12°52	1°54	14°37	T 26
F 27	10 24 7	7°40'41	1♎34	7°57	24°21	11°10	24°15	19°58	22°20	5°43	7°20	12°27	12°49	2° 0	14°40	F 27
S 28	10 28 4	8°40'49	16°34	9°51	25°30	10°46	24°23	20° 5	22°20	5°43	7°19	12°28	12°46	2° 7	14°43	S 28
S 29	10 32 1	9♓40'56	1♏18	11♓46	26♑39	10♍23	24♉30	20♒12	22♏20	5♊44	7♎17	12♓28	12♓43	2♈14	14♈46	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s22	11s29	3s17	22s34	1s15	20s23	3n 0	8n 4	3n56	17n30	0s48	16s46	1s 0	18s 1	0n18	19n43	1s36	12n41	17n12	6s45	6s14	0n52	6n33	1n18
M 2	17 6	17 23	4 10	22 23	1 20	20 29	2 57	8 9	3 58	17 31	0 47	16 43	1 0	18 1	0 18	19 43	1 36	12 42	17 12	6 45	6 15	0 56	6 33	1 18
T 3	16 48	22 17	4 48	22 11	1 26	20 34	2 53	8 14	3 59	17 32	0 47	16 41	1 0	18 2	0 18	19 43	1 36	12 42	17 13	6 45	6 16	0 59	6 34	1 18
W 4	16 31	25 53	5 9	21 57	1 31	20 39	2 49	8 20	4 1	17 33	0 47	16 39	1 0	18 2	0 18	19 43	1 36	12 43	17 13	6 45	6 18	1 3	6 35	1 18
T 5	16 13	27 59	5 13	21 42	1 35	20 43	2 46	8 26	4 2	17 35	0 47	16 37	1 0	18 2	0 18	19 43	1 36	12 44	17 14	6 46	6 19	1 6	6 36	1 18
F 6	15 55	28 29	5 0	21 26	1 40	20 46	2 42	8 32	4 3	17 36	0 46	16 35	1 0	18 2	0 18	19 43	1 36	12 45	17 14	6 48	6 20	1 9	6 36	1 18
S 7	15 36	27 24	4 32	21 8	1 44	20 50	2 38	8 38	4 5	17 37	0 46	16 33	1 0	18 3	0 18	19 43	1 36	12 45	17 15	6 49	6 21	1 13	6 37	1 18
S 8	15 18	24 56	3 52	20 49	1 48	20 52	2 35	8 45	4 6	17 39	0 46	16 31	1 0	18 3	0 18	19 43	1 35	12 46	17 15	6 51	6 22	1 16	6 38	1 18
M 9	14 59	21 18	3 0	20 28	1 51	20 55	2 31	8 51	4 7	17 40	0 46	16 28	1 0	18 3	0 18	19 43	1 35	12 47	17 16	6 52	6 24	1 20	6 39	1 17
T 10	14 40	16 48	2 1	20 6	1 54	20 56	2 27	8 58	4 8	17 41	0 45	16 26	1 1	18 3	0 18	19 43	1 35	12 48	17 16	6 53	6 25	1 23	6 40	1 17
W11	14 20	11 41	0 58	19 43	1 57	20 57	2 23	9 6	4 9	17 43	0 45	16 24	1 1	18 4	0 18	19 43	1 35	12 49	17 17	6 54	6 26	1 27	6 41	1 17
T 12	14 1	6 13	0n 8	19 18	2 0	20 58	2 19	9 13	4 10	17 44	0 45	16 22	1 1	18 4	0 18	19 43	1 35	12 49	17 17	6 54	6 27	1 30	6 41	1 17
F 13	13 41	0 34	1 13	18 52	2 2	20 58	2 15	9 21	4 11	17 46	0 45	16 20	1 1	18 4	0 18	19 43	1 35	12 50	17 17	6 54	6 29	1 33	6 42	1 17
S 14	13 21	5n 4	2 15	18 24	2 3	20 58	2 11	9 29	4 12	17 48	0 44	16 18	1 1	18 4	0 18	19 44	1 35	12 51	17 18	6 53	6 30	1 37	6 43	1 17
S 15	13 0	10 31	3 10	17 55	2 5	20 57	2 7	9 37	4 13	17 49	0 44	16 15	1 1	18 4	0 18	19 44	1 35	12 52	17 18	6 53	6 31	1 40	6 44	1 17
M16	12 40	15 38	3 58	17 25	2 6	20 55	2 2	9 45	4 14	17 51	0 44	16 13	1 1	18 4	0 18	19 44	1 35	12 53	17 19	6 52	6 32	1 44	6 45	1 17
T 17	12 19	20 13	4 37	16 53	2 6	20 53	1 58	9 53	4 14	17 53	0 44	16 11	1 1	18 5	0 18	19 44	1 35	12 53	17 19	6 52	6 33	1 47	6 46	1 16
W18	11 58	24 2	5 3	16 19	2 6	20 51	1 54	10 1	4 15	17 54	0 43	16 9	1 1	18 5	0 18	19 44	1 35	12 54	17 20	6 52	6 35	1 51	6 47	1 16
T 19	11 37	26 51	5 16	15 44	2 6	20 48	1 50	10 10	4 15	17 56	0 43	16 7	1 1	18 5	0 18	19 44	1 35	12 55	17 20	6 52	6 36	1 54	6 48	1 16
F 20	11 16	28 22	5 14	15 8	2 5	20 44	1 46	10 18	4 15	17 58	0 43	16 5	1 1	18 5	0 18	19 44	1 35	12 56	17 20	6 52	6 37	1 57	6 49	1 16
S 21	10 54	28 20	4 55	14 30	2 4	20 40	1 42	10 27	4 16	18 0	0 43	16 3	1 1	18 5	0 18	19 44	1 35	12 57	17 21	6 52	6 38	2 1	6 50	1 16
S 22	10 33	26 35	4 19	13 51	2 2	20 35	1 37	10 36	4 16	18 2	0 42	16 0	1 2	18 5	0 18	19 44	1 35	12 58	17 21	6 53	6 40	2 4	6 51	1 16
M23	10 11	23 7	3 27	13 11	2 0	20 29	1 33	10 44	4 16	18 4	0 42	15 58	1 2	18 5	0 18	19 44	1 35	12 58	17 21	6 53	6 41	2 8	6 52	1 16
T 24	9 49	18 7	2 19	12 29	1 57	20 23	1 29	10 53	4 16	18 6	0 42	15 56	1 2	18 5	0 18	19 44	1 34	12 59	17 22	6 54	6 42	2 11	6 53	1 16
W25	9 27	11 57	1 1	11 45	1 54	20 17	1 25	11 2	4 16	18 8	0 42	15 54	1 2	18 5	0 19	19 44	1 34	13 0	17 22	6 54	6 43	2 14	6 54	1 15
T 26	9 5	5 0	0s22	11 0	1 50	20 10	1 20	11 10	4 15	18 10	0 41	15 52	1 2	18 5	0 19	19 45	1 34	13 1	17 22	6 54	6 44	2 18	6 55	1 15
F 27	8 42	2s13	1 44	10 14	1 46	20 2	1 16	11 19	4 15	18 12	0 41	15 50	1 2	18 5	0 19	19 45	1 34	13 2	17 23	6 54	6 46	2 21	6 57	1 15
S 28	8 20	9 16	2 59	9 27	1 41	19 54	1 12	11 28	4 14	18 14	0 41	15 48	1 2	18 5	0 19	19 45	1 34	13 3	17 23	6 54	6 47	2 25	6 58	1 15
S 29	7s57	15s41	4s 0	8s38	1s36	19s45	1n 8	11n36	4n14	18n16	0s41	15s45	1s 2	18s 5	0n19	19n45	1s34	13n 3	17n23	6s54	6s48	2n28	6n59	1n15

Julian Day Number = 2352229.5, Delta T = 10.94 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'39, Lahiri = 20°03'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

MARCH 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 57	10♓41'02	15♏43	13♓41	27♉49	9°R59	24♉38	20♒19	22°R20	5♊44	7°R16	12♓28	12♓39	2♈20	14♈49	M 1
T 2	10 39 54	11°41'05	29°45	15°37	28°59	9♍35	24°47	20°26	22♏19	5°45	7♎14	12°28	12°36	2°27	14°52	T 2
W 3	10 43 50	12°41'08	13♐24	17°33	0♒ 8	9°12	24°55	20°33	22°19	5°45	7°13	12°28	12°33	2°34	14°56	W 3
T 4	10 47 47	13°41'09	26°39	19°30	1°18	8°48	25° 3	20°39	22°19	5°46	7°11	12°28	12°30	2°40	14°59	T 4
F 5	10 51 43	14°41'08	9♉35	21°27	2°28	8°24	25°12	20°46	22°18	5°46	7°10	12°28	12°27	2°47	15° 2	F 5
S 6	10 55 40	15°41'05	22°12	23°25	3°38	8° 1	25°20	20°53	22°18	5°47	7° 8	12°29	12°23	2°54	15° 6	S 6
S 7	10 59 36	16°41'01	4♒35	25°22	4°48	7°38	25°29	21° 0	22°17	5°48	7° 7	12°29	12°20	3° 0	15° 9	S 7
M 8	11 3 33	17°40'55	16°46	27°18	5°59	7°15	25°38	21° 7	22°17	5°49	7° 5	12°30	12°17	3° 7	15°12	M 8
T 9	11 7 30	18°40'47	28°48	29°14	7° 9	6°52	25°47	21°13	22°16	5°49	7° 4	12°30	12°14	3°14	15°16	T 9
W10	11 11 26	19°40'37	10♓43	1♈ 9	8°19	6°30	25°56	21°20	22°16	5°50	7° 2	12°R30	12°11	3°20	15°19	W10
T 11	11 15 23	20°40'25	22°34	3° 3	9°30	6° 8	26° 5	21°26	22°15	5°51	7° 1	12°30	12° 8	3°27	15°23	T 11
F 12	11 19 19	21°40'12	4♈22	4°54	10°40	5°47	26°15	21°33	22°14	5°52	6°59	12°30	12° 4	3°34	15°26	F 12
S 13	11 23 16	22°39'56	16°10	6°43	11°51	5°26	26°24	21°40	22°13	5°53	6°57	12°28	12° 1	3°40	15°30	S 13
S 14	11 27 12	23°39'38	28° 0	8°30	13° 1	5° 5	26°34	21°46	22°12	5°54	6°56	12°27	11°58	3°47	15°33	S 14
M15	11 31 9	24°39'18	9♉55	10°14	14°12	4°45	26°44	21°53	22°12	5°54	6°54	12°25	11°55	3°54	15°37	M15
T 16	11 35 5	25°38'56	21°57	11°53	15°23	4°26	26°53	21°59	22°11	5°55	6°52	12°23	11°52	4° 0	15°40	T 16
W17	11 39 2	26°38'31	4♊10	13°29	16°33	4° 7	27° 3	22° 5	22°10	5°56	6°51	12°22	11°48	4° 7	15°44	W17
T 18	11 42 58	27°38'05	16°38	15° 0	17°44	3°49	27°13	22°12	22° 8	5°57	6°49	12°21	11°45	4°14	15°47	T 18
F 19	11 46 55	28°37'36	29°25	16°27	18°55	3°31	27°24	22°18	22° 7	5°59	6°48	12°D20	11°42	4°20	15°51	F 19
S 20	11 50 52	29°37'04	12♋34	17°47	20° 6	3°14	27°34	22°24	22° 6	6° 0	6°46	12°21	11°39	4°27	15°54	S 20
S 21	11 54 48	0♈36'31	26° 7	19° 2	21°17	2°58	27°44	22°31	22° 5	6° 1	6°44	12°22	11°36	4°33	15°58	S 21
M22	11 58 45	1°35'55	10♌ 8	20°11	22°28	2°43	27°55	22°37	22° 4	6° 2	6°43	12°23	11°33	4°40	16° 2	M22
T 23	12 2 41	2°35'16	24°34	21°14	23°39	2°28	28° 5	22°43	22° 2	6° 3	6°41	12°24	11°29	4°47	16° 5	T 23
W24	12 6 38	3°34'36	9♍23	22°10	24°50	2°14	28°16	22°49	22° 1	6° 4	6°39	12°R25	11°26	4°53	16° 9	W24
T 25	12 10 34	4°33'53	24°29	22°59	26° 2	2° 0	28°27	22°55	22° 0	6° 6	6°38	12°25	11°23	5° 0	16°13	T 25
F 26	12 14 31	5°33'08	9♎44	23°41	27°13	1°48	28°38	23° 1	21°58	6° 7	6°36	12°23	11°20	5° 7	16°16	F 26
S 27	12 18 27	6°32'21	24°57	24°16	28°24	1°36	28°49	23° 7	21°57	6° 8	6°34	12°21	11°17	5°13	16°20	S 27
S 28	12 22 24	7°31'32	9♏59	24°43	29°36	1°25	29° 0	23°13	21°55	6° 9	6°33	12°17	11°14	5°20	16°24	S 28
M29	12 26 21	8°30'41	24°41	25° 3	0♓47	1°15	29°11	23°18	21°54	6°11	6°31	12°14	11°10	5°27	16°27	M29
T 30	12 30 17	9°29'49	8♐58	25°17	1°58	1° 5	29°22	23°24	21°52	6°12	6°29	12°10	11° 7	5°33	16°31	T 30
W31	12 34 14	10♈28'54	22♐46	25°R22	3♓10	0♍56	29♉33	23♒30	21♏50	6♊14	6♎28	12♓ 8	11♓ 4	5♈40	16♈35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s34	21s 6	4s44	7s48	1s30	19s36	1n 3	11n45	4n13	18n18	0s41	15s43	1s 2	18s 5	0n19	19n45	1s34	13n 4	17n24	6s54	6s49	2n32	7n 0	1n15
T 2	7 12	25 10	5 10	6 58	1 23	19 26	0 59	11 53	4 12	18 20	0 40	15 41	1 2	18 5	0 19	19 45	1 34	13 5	17 24	6 53	6 50	2 35	7 1	1 15
W 3	6 49	27 42	5 18	6 6	1 16	19 15	0 55	12 1	4 12	18 23	0 40	15 39	1 2	18 5	0 19	19 45	1 34	13 6	17 24	6 53	6 52	2 38	7 2	1 15
T 4	6 26	28 34	5 8	5 13	1 8	19 4	0 51	12 9	4 11	18 25	0 40	15 37	1 3	18 5	0 19	19 46	1 34	13 7	17 25	6 53	6 53	2 42	7 3	1 14
F 5	6 2	27 50	4 43	4 19	1 0	18 53	0 47	12 17	4 10	18 27	0 40	15 35	1 3	18 5	0 19	19 46	1 34	13 8	17 25	6 53	6 54	2 45	7 5	1 14
S 6	5 39	25 40	4 5	3 24	0 51	18 41	0 43	12 25	4 8	18 29	0 40	15 33	1 3	18 4	0 19	19 46	1 34	13 8	17 25	6 53	6 55	2 49	7 6	1 14
S 7	5 16	22 19	3 16	2 29	0 42	18 28	0 39	12 32	4 7	18 32	0 39	15 31	1 3	18 4	0 19	19 46	1 34	13 9	17 25	6 53	6 57	2 52	7 7	1 14
M 8	4 53	18 2	2 18	1 33	0 32	18 15	0 34	12 40	4 6	18 34	0 39	15 29	1 3	18 4	0 19	19 46	1 34	13 10	17 26	6 53	6 58	2 55	7 8	1 14
T 9	4 29	13 5	1 15	0 37	0 21	18 1	0 30	12 47	4 4	18 36	0 39	15 27	1 3	18 4	0 19	19 46	1 34	13 11	17 26	6 53	6 59	2 59	7 9	1 14
W10	4 6	7 43	0 10	0n18	0 10	17 47	0 26	12 54	4 3	18 39	0 39	15 25	1 3	18 4	0 19	19 47	1 34	13 12	17 26	6 53	7 0	3 2	7 11	1 14
T 11	3 42	2 6	0n56	1 14	0n 1	17 33	0 22	13 0	4 1	18 41	0 39	15 23	1 3	18 4	0 19	19 47	1 34	13 12	17 26	6 53	7 1	3 6	7 12	1 14
F 12	3 19	3n33	1 58	2 9	0 13	17 18	0 18	13 7	4 0	18 43	0 38	15 21	1 3	18 3	0 19	19 47	1 33	13 13	17 26	6 53	7 3	3 9	7 13	1 14
S 13	2 55	9 5	2 56	3 4	0 25	17 2	0 15	13 13	3 58	18 46	0 38	15 19	1 4	18 3	0 19	19 47	1 33	13 14	17 27	6 53	7 4	3 12	7 14	1 14
S 14	2 31	14 18	3 46	3 57	0 38	16 46	0 11	13 19	3 56	18 48	0 38	15 17	1 4	18 3	0 19	19 47	1 33	13 15	17 27	6 54	7 5	3 16	7 16	1 13
M15	2 8	19 2	4 27	4 50	0 50	16 29	0 7	13 25	3 54	18 51	0 38	15 15	1 4	18 3	0 19	19 48	1 33	13 16	17 27	6 55	7 6	3 19	7 17	1 13
T 16	1 44	23 3	4 57	5 41	1 3	16 12	0 3	13 30	3 52	18 53	0 38	15 13	1 4	18 2	0 19	19 48	1 33	13 16	17 27	6 55	7 7	3 23	7 18	1 13
W17	1 20	26 8	5 13	6 30	1 16	15 55	0s 1	13 35	3 50	18 56	0 37	15 11	1 4	18 2	0 19	19 48	1 33	13 17	17 27	6 56	7 9	3 26	7 19	1 13
T 18	0 57	28 2	5 16	7 17	1 28	15 37	0 4	13 40	3 48	18 58	0 37	15 9	1 4	18 2	0 19	19 48	1 33	13 18	17 27	6 56	7 10	3 29	7 21	1 13
F 19	0 33	28 31	5 3	8 2	1 41	15 18	0 8	13 44	3 46	19 1	0 37	15 7	1 4	18 2	0 19	19 49	1 33	13 19	17 28	6 57	7 11	3 33	7 22	1 13
S 20	0 9	27 25	4 34	8 44	1 53	14 59	0 12	13 48	3 43	19 3	0 37	15 5	1 4	18 1	0 19	19 49	1 33	13 19	17 28	6 56	7 12	3 36	7 23	1 13
S 21	0n15	24 42	3 49	9 23	2 5	14 40	0 15	13 52	3 41	19 6	0 37	15 3	1 5	18 1	0 19	19 49	1 33	13 20	17 28	6 56	7 14	3 40	7 25	1 13
M22	0 38	20 27	2 49	10 0	2 16	14 20	0 19	13 55	3 39	19 8	0 36	15 1	1 5	18 1	0 19	19 49	1 33	13 21	17 28	6 55	7 15	3 43	7 26	1 13
T 23	1 2	14 53	1 37	10 33	2 26	14 0	0 22	13 59	3 37	19 11	0 36	14 59	1 5	18 0	0 19	19 50	1 33	13 22	17 28	6 55	7 16	3 46	7 27	1 13
W24	1 25	8 19	0 17	11 3	2 36	13 40	0 25	14 2	3 34	19 13	0 36	14 57	1 5	18 0	0 19	19 50	1 33	13 22	17 28	6 55	7 17	3 50	7 29	1 13
T 25	1 49	1 11	1s 6	11 30	2 45	13 19	0 29	14 4	3 32	19 16	0 36	14 55	1 5	18 0	0 19	19 50	1 33	13 23	17 28	6 55	7 18	3 53	7 30	1 12
F 26	2 13	6s 5	2 25	11 53	2 53	12 57	0 32	14 6	3 29	19 18	0 36	14 54	1 5	17 59	0 19	19 50	1 33	13 24	17 28	6 55	7 20	3 57	7 31	1 12
S 27	2 36	12 59	3 33	12 13	3 0	12 36	0 35	14 8	3 27	19 21	0 36	14 52	1 5	17 59	0 19	19 51	1 33	13 24	17 28	6 56	7 21	4 0	7 33	1 12
S 28	2 59	19 2	4 26	12 28	3 6	12 14	0 38	14 10	3 24	19 23	0 35	14 50	1 5	17 58	0 19	19 51	1 33	13 25	17 28	6 58	7 22	4 3	7 34	1 12
M29	3 23	23 49	5 0	12 40	3 11	11 51	0 41	14 11	3 22	19 26	0 35	14 48	1 6	17 58	0 19	19 51	1 33	13 26	17 28	6 59	7 23	4 7	7 35	1 12
T 30	3 46	26 59	5 14	12 48	3 14	11 29	0 44	14 12	3 19	19 29	0 35	14 46	1 6	17 58	0 19	19 52	1 33	13 26	17 28	7 0	7 24	4 10	7 37	1 12
W31	4n 9	28s25	5s 9	12n52	3n16	11s 6	0s47	14n13	3n17	19n31	0s35	14s45	1s 6	17s57	0n19	19n52	1s32	13n27	17n28	7s 1	7s26	4n14	7n38	1n12

Julian Day Number = 2352258.5, Delta T = 10.95 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'43, Lahiri = 20°03'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

APRIL 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 10	11♈27'58	6♉ 7	25°R21	4♓21	0°R48	29♉45	23♒36	21°R49	6♊15	6°R26	12°D 7	11♓ 1	5♈47	16♈39	T 1
F 2	12 42 7	12°27'01	19° 2	25♈14	5°33	0♍41	29°56	23°41	21♏47	6°17	6♎24	12♓ 7	10°58	5°53	16°42	F 2
S 3	12 46 3	13°26'01	1♒35	25° 0	6°44	0°35	0♊ 8	23°47	21°45	6°18	6°23	12° 8	10°54	6° 0	16°46	S 3
S 4	12 50 0	14°25'00	13°51	24°39	7°56	0°29	0°20	23°52	21°44	6°20	6°21	12°10	10°51	6° 7	16°50	S 4
M 5	12 53 56	15°23'56	25°53	24°14	9° 8	0°24	0°31	23°57	21°42	6°21	6°19	12°11	10°48	6°13	16°53	M 5
T 6	12 57 53	16°22'51	7♓47	23°43	10°19	0°20	0°43	24° 3	21°40	6°23	6°18	12°R12	10°45	6°20	16°57	T 6
W 7	13 1 50	17°21'44	19°36	23° 9	11°31	0°17	0°55	24° 8	21°38	6°24	6°16	12°12	10°42	6°27	17° 1	W 7
T 8	13 5 46	18°20'35	1♈23	22°30	12°43	0°14	1° 7	24°13	21°36	6°26	6°14	12°10	10°39	6°33	17° 5	T 8
F 9	13 9 43	19°19'25	13°11	21°49	13°55	0°13	1°19	24°18	21°34	6°27	6°13	12° 7	10°35	6°40	17° 8	F 9
S 10	13 13 39	20°18'12	25° 2	21° 7	15° 7	0°12	1°31	24°24	21°32	6°29	6°11	12° 1	10°32	6°47	17°12	S 10
S 11	13 17 36	21°16'57	6♉58	20°23	16°18	0°D11	1°43	24°29	21°30	6°31	6° 9	11°54	10°29	6°53	17°16	S 11
M12	13 21 32	22°15'40	19° 0	19°38	17°30	0°12	1°56	24°33	21°28	6°33	6° 8	11°47	10°26	7° 0	17°20	M12
T 13	13 25 29	23°14'22	1♊11	18°55	18°42	0°13	2° 8	24°38	21°26	6°34	6° 6	11°39	10°23	7° 7	17°23	T 13
W14	13 29 25	24°13'01	13°32	18°13	19°54	0°15	2°20	24°43	21°24	6°36	6° 5	11°33	10°20	7°13	17°27	W14
T 15	13 33 22	25°11'38	26° 5	17°32	21° 6	0°18	2°33	24°48	21°22	6°38	6° 3	11°27	10°16	7°20	17°31	T 15
F 16	13 37 19	26°10'13	8♋53	16°55	22°18	0°21	2°45	24°53	21°19	6°40	6° 2	11°24	10°13	7°27	17°34	F 16
S 17	13 41 15	27° 8'45	21°59	16°21	23°30	0°25	2°58	24°57	21°17	6°41	6° 0	11°D22	10°10	7°33	17°38	S 17
S 18	13 45 12	28° 7'16	5♌25	15°50	24°42	0°30	3°11	25° 2	21°15	6°43	5°59	11°22	10° 7	7°40	17°42	S 18
M19	13 49 8	29° 5'44	19°13	15°24	25°54	0°35	3°23	25° 6	21°13	6°45	5°57	11°23	10° 4	7°47	17°45	M19
T 20	13 53 5	0♉ 4'10	3♍24	15° 2	27° 6	0°42	3°36	25°10	21°10	6°47	5°56	11°24	10° 0	7°53	17°49	T 20
W21	13 57 1	1° 2'34	17°58	14°45	28°18	0°48	3°49	25°15	21° 8	6°49	5°54	11°R24	9°57	8° 0	17°53	W21
T 22	14 0 58	2° 0'55	2♎51	14°32	29°30	0°56	4° 2	25°19	21° 6	6°51	5°53	11°23	9°54	8° 7	17°56	T 22
F 23	14 4 54	2°59'15	17°57	14°25	0♈42	1° 4	4°14	25°23	21° 4	6°53	5°51	11°19	9°51	8°13	18° 0	F 23
S 24	14 8 51	3°57'33	3♏ 7	14°D22	1°54	1°12	4°27	25°27	21° 1	6°55	5°50	11°13	9°48	8°20	18° 4	S 24
S 25	14 12 48	4°55'49	18°10	14°25	3° 7	1°22	4°40	25°31	20°59	6°56	5°48	11° 5	9°45	8°27	18° 7	S 25
M26	14 16 44	5°54'03	2♐58	14°32	4°19	1°32	4°53	25°35	20°56	6°58	5°47	10°56	9°41	8°33	18°11	M26
T 27	14 20 41	6°52'16	17°23	14°44	5°31	1°42	5° 6	25°39	20°54	7° 0	5°46	10°48	9°38	8°40	18°14	T 27
W28	14 24 37	7°50'27	1♑20	15° 1	6°43	1°53	5°20	25°43	20°52	7° 2	5°44	10°42	9°35	8°47	18°18	W28
T 29	14 28 34	8°48'37	14°47	15°22	7°55	2° 4	5°33	25°46	20°49	7° 4	5°43	10°37	9°32	8°53	18°22	T 29
F 30	14 32 30	9♉46'45	27♑47	15♈48	9♈ 8	2♍17	5♊46	25♒50	20♏47	7♊ 6	5♎42	10♓34	9♓29	9♈ 0	18♈25	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n33	28s 7	4s47	12n52	3n17	10s42	0s50	14n14	3n14	19n34	0s35	14s43	1s 6	17s57	0n19	19n52	1s32	13n28	17n28	7s 2	7s27	4n17	7n39	1n12
F 2	4 56	26 16	4 11	12 49	3 16	10 19	0 53	14 14	3 12	19 36	0 35	14 41	1 6	17 56	0 19	19 52	1 32	13 28	17 28	7 2	7 28	4 20	7 41	1 12
S 3	5 19	23 10	3 24	12 41	3 13	9 55	0 56	14 14	3 9	19 39	0 34	14 40	1 6	17 56	0 19	19 53	1 32	13 29	17 28	7 1	7 29	4 24	7 42	1 12
S 4	5 42	19 5	2 29	12 30	3 9	9 31	0 58	14 13	3 6	19 42	0 34	14 38	1 6	17 55	0 19	19 53	1 32	13 29	17 28	7 1	7 30	4 27	7 44	1 12
M 5	6 4	14 18	1 28	12 15	3 4	9 6	1 1	14 13	3 4	19 44	0 34	14 36	1 7	17 55	0 19	19 53	1 32	13 30	17 28	7 0	7 32	4 30	7 45	1 12
T 6	6 27	9 2	0 24	11 57	2 56	8 41	1 3	14 12	3 1	19 47	0 34	14 35	1 7	17 54	0 19	19 54	1 32	13 31	17 28	7 0	7 33	4 34	7 46	1 11
W 7	6 50	3 30	0n40	11 36	2 48	8 16	1 6	14 10	2 59	19 50	0 34	14 33	1 7	17 54	0 19	19 54	1 32	13 31	17 28	7 0	7 34	4 37	7 48	1 11
T 8	7 12	2n 7	1 43	11 12	2 38	7 51	1 8	14 9	2 56	19 52	0 34	14 31	1 7	17 53	0 19	19 54	1 32	13 32	17 28	7 0	7 35	4 41	7 49	1 11
F 9	7 35	7 41	2 41	10 46	2 26	7 25	1 11	14 7	2 53	19 55	0 33	14 30	1 7	17 53	0 19	19 55	1 32	13 32	17 28	7 2	7 36	4 44	7 50	1 11
S 10	7 57	12 59	3 32	10 18	2 13	7 0	1 13	14 5	2 51	19 57	0 33	14 28	1 7	17 52	0 19	19 55	1 32	13 33	17 28	7 4	7 38	4 47	7 52	1 11
S 11	8 19	17 51	4 14	9 49	1 59	6 34	1 15	14 3	2 48	20 0	0 33	14 27	1 8	17 52	0 19	19 55	1 32	13 33	17 27	7 6	7 39	4 51	7 53	1 11
M12	8 41	22 4	4 45	9 18	1 44	6 8	1 17	14 0	2 46	20 3	0 33	14 25	1 8	17 51	0 19	19 56	1 32	13 34	17 27	7 9	7 40	4 54	7 54	1 11
T 13	9 3	25 23	5 4	8 47	1 29	5 41	1 19	13 57	2 43	20 5	0 33	14 24	1 8	17 51	0 19	19 56	1 32	13 34	17 27	7 12	7 41	4 57	7 56	1 11
W14	9 24	27 34	5 9	8 16	1 13	5 15	1 21	13 54	2 41	20 8	0 33	14 22	1 8	17 50	0 19	19 56	1 32	13 35	17 27	7 15	7 42	5 1	7 57	1 11
T 15	9 46	28 24	4 59	7 46	0 56	4 48	1 23	13 51	2 38	20 10	0 32	14 21	1 8	17 50	0 19	19 57	1 32	13 35	17 27	7 17	7 44	5 4	7 59	1 11
F 16	10 7	27 45	4 35	7 16	0 39	4 21	1 24	13 48	2 36	20 13	0 32	14 19	1 8	17 49	0 19	19 57	1 32	13 36	17 27	7 18	7 45	5 7	8 0	1 11
S 17	10 28	25 33	3 55	6 47	0 23	3 54	1 26	13 44	2 33	20 15	0 32	14 18	1 8	17 49	0 19	19 57	1 32	13 36	17 27	7 19	7 46	5 11	8 1	1 11
S 18	10 49	21 53	3 2	6 20	0 6	3 27	1 28	13 40	2 31	20 18	0 32	14 17	1 9	17 48	0 19	19 58	1 32	13 37	17 26	7 19	7 47	5 14	8 3	1 11
M19	11 10	16 56	1 57	5 54	0s11	3 0	1 29	13 36	2 28	20 21	0 32	14 15	1 9	17 47	0 19	19 58	1 32	13 37	17 26	7 18	7 48	5 18	8 4	1 11
T 20	11 31	10 57	0 43	5 31	0 27	2 32	1 31	13 31	2 26	20 23	0 32	14 14	1 9	17 47	0 19	19 58	1 32	13 37	17 26	7 18	7 50	5 21	8 5	1 11
W21	11 51	4 13	0s35	5 10	0 42	2 5	1 32	13 27	2 24	20 26	0 32	14 13	1 9	17 46	0 19	19 59	1 32	13 38	17 26	7 18	7 51	5 24	8 7	1 10
T 22	12 12	2s52	1 53	4 51	0 57	1 37	1 33	13 22	2 21	20 28	0 31	14 11	1 9	17 46	0 19	19 59	1 32	13 38	17 25	7 19	7 52	5 28	8 8	1 10
F 23	12 32	9 53	3 4	4 35	1 12	1 10	1 35	13 17	2 19	20 31	0 31	14 10	1 10	17 45	0 19	19 59	1 32	13 38	17 25	7 20	7 53	5 31	8 9	1 10
S 24	12 51	16 21	4 1	4 22	1 25	0 42	1 36	13 11	2 17	20 33	0 31	14 9	1 10	17 44	0 19	20 0	1 31	13 39	17 25	7 22	7 55	5 34	8 11	1 10
S 25	13 11	21 47	4 42	4 11	1 38	0 14	1 37	13 6	2 14	20 36	0 31	14 8	1 10	17 44	0 19	20 0	1 31	13 39	17 25	7 25	7 56	5 38	8 12	1 10
M26	13 31	25 44	5 3	4 3	1 50	0n13	1 38	13 0	2 12	20 38	0 31	14 7	1 10	17 43	0 19	20 0	1 31	13 39	17 24	7 28	7 57	5 41	8 13	1 10
T 27	13 50	27 55	5 4	3 57	2 2	0 41	1 39	12 54	2 10	20 41	0 31	14 6	1 10	17 43	0 19	20 1	1 31	13 40	17 24	7 32	7 58	5 44	8 15	1 10
W28	14 9	28 15	4 47	3 54	2 12	1 9	1 39	12 48	2 7	20 43	0 31	14 4	1 10	17 42	0 19	20 1	1 31	13 40	17 24	7 34	7 59	5 48	8 16	1 10
T 29	14 28	26 51	4 14	3 53	2 22	1 37	1 40	12 42	2 5	20 46	0 31	14 3	1 11	17 41	0 19	20 1	1 31	13 40	17 24	7 36	8 0	5 51	8 17	1 10
F 30	14n46	24s 2	3s28	3n55	2s30	2n 5	1s41	12n36	2n 3	20n48	0s30	14s 2	1s11	17s41	0n19	20n 2	1s31	13n41	17n23	7s37	8s 2	5n54	8n19	1n10

Julian Day Number = 2352289.5, Delta T = 10.96 sec
Ecliptic obliquity = 23°28'38, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'48, Lahiri = 20°03'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

MAY 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 27	10♉44'52	10♒22	16♈17	10♈20	2♍29	5♊59	25♒53	20°R44	7♊ 9	5°R40	10°D33	9♓26	9♈ 7	18♈29	S 1
S 2	14 40 23	11°42'57	22°38	16°51	11°32	2°42	6°13	25°57	20♏42	7°11	5♎39	10♓34	9°22	9°13	18°32	S 2
M 3	14 44 20	12°41'01	4♓39	17°29	12°45	2°56	6°26	26° 0	20°39	7°13	5°38	10°R35	9°19	9°20	18°36	M 3
T 4	14 48 17	13°39'04	16°30	18°11	13°57	3°10	6°39	26° 3	20°37	7°15	5°36	10°35	9°16	9°27	18°39	T 4
W 5	14 52 13	14°37'05	28°17	18°56	15° 9	3°25	6°53	26° 6	20°34	7°17	5°35	10°33	9°13	9°33	18°43	W 5
T 6	14 56 10	15°35'04	10♈ 4	19°45	16°22	3°40	7° 6	26° 9	20°32	7°19	5°34	10°29	9°10	9°40	18°46	T 6
F 7	15 0 6	16°33'02	21°55	20°37	17°34	3°56	7°20	26°12	20°29	7°21	5°33	10°22	9° 6	9°47	18°49	F 7
S 8	15 4 3	17°30'59	3♉51	21°33	18°46	4°12	7°33	26°15	20°27	7°23	5°32	10°13	9° 3	9°53	18°53	S 8
S 9	15 7 59	18°28'54	15°56	22°31	19°59	4°28	7°47	26°18	20°24	7°25	5°31	10° 2	9° 0	10° 0	18°56	S 9
M10	15 11 56	19°26'48	28°10	23°33	21°11	4°46	8° 0	26°21	20°22	7°27	5°29	9°50	8°57	10° 7	19° 0	M10
T 11	15 15 52	20°24'41	10♊35	24°37	22°24	5° 3	8°14	26°23	20°19	7°30	5°28	9°37	8°54	10°13	19° 3	T 11
W12	15 19 49	21°22'32	23°10	25°45	23°36	5°21	8°27	26°26	20°17	7°32	5°27	9°26	8°51	10°20	19° 6	W12
T 13	15 23 46	22°20'21	5♋56	26°55	24°49	5°39	8°41	26°28	20°14	7°34	5°26	9°17	8°47	10°27	19° 9	T 13
F 14	15 27 42	23°18'08	18°55	28° 8	26° 1	5°58	8°55	26°31	20°12	7°36	5°25	9°10	8°44	10°33	19°13	F 14
S 15	15 31 39	24°15'54	2♌ 7	29°23	27°14	6°17	9° 8	26°33	20° 9	7°38	5°24	9° 6	8°41	10°40	19°16	S 15
S 16	15 35 35	25°13'39	15°33	0♉41	28°26	6°37	9°22	26°35	20° 7	7°41	5°23	9° 4	8°38	10°47	19°19	S 16
M17	15 39 32	26°11'21	29°16	2° 2	29°39	6°57	9°36	26°37	20° 4	7°43	5°23	9°D 4	8°35	10°53	19°22	M17
T 18	15 43 28	27° 9'02	13♍17	3°25	0♉51	7°17	9°50	26°39	20° 2	7°45	5°22	9°R 4	8°31	11° 0	19°25	T 18
W19	15 47 25	28° 6'41	27°35	4°50	2° 4	7°38	10° 3	26°41	19°59	7°47	5°21	9° 3	8°28	11° 7	19°28	W19
T 20	15 51 21	29° 4'19	12♎ 9	6°18	3°16	7°59	10°17	26°43	19°57	7°49	5°20	9° 0	8°25	11°13	19°32	T 20
F 21	15 55 18	0♊ 1'55	26°54	7°49	4°29	8°21	10°31	26°44	19°54	7°52	5°19	8°54	8°22	11°20	19°35	F 21
S 22	15 59 15	0°59'30	11♏46	9°22	5°41	8°42	10°45	26°46	19°52	7°54	5°18	8°46	8°19	11°27	19°38	S 22
S 23	16 3 11	1°57'04	26°35	10°57	6°54	9° 5	10°58	26°47	19°49	7°56	5°18	8°36	8°16	11°33	19°41	S 23
M24	16 7 8	2°54'37	11♐13	12°34	8° 7	9°27	11°12	26°49	19°47	7°58	5°17	8°25	8°12	11°40	19°43	M24
T 25	16 11 4	3°52'08	25°32	14°14	9°19	9°50	11°26	26°50	19°45	8° 1	5°16	8°14	8° 9	11°47	19°46	T 25
W26	16 15 1	4°49'38	9♑27	15°57	10°32	10°13	11°40	26°51	19°42	8° 3	5°16	8° 4	8° 6	11°53	19°49	W26
T 27	16 18 57	5°47'08	22°56	17°41	11°44	10°37	11°54	26°52	19°40	8° 5	5°15	7°57	8° 3	12° 0	19°52	T 27
F 28	16 22 54	6°44'37	5♒58	19°28	12°57	11° 0	12° 8	26°53	19°37	8° 7	5°14	7°52	8° 0	12° 7	19°55	F 28
S 29	16 26 51	7°42'04	18°36	21°18	14°10	11°24	12°22	26°54	19°35	8°10	5°14	7°50	7°57	12°13	19°58	S 29
S 30	16 30 47	8°39'31	0♓53	23° 9	15°22	11°49	12°35	26°55	19°33	8°12	5°13	7°49	7°53	12°20	20° 0	S 30
M31	16 34 44	9♊36'58	12♓56	25♉ 3	16♉35	12♍13	12♊49	26♒56	19♏30	8♊14	5♎13	7♓49	7♓50	12♈27	20♈ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 4	20s 9	2s34	3n59	2s38	2n33	1s41	12n29	2n 1	20n51	0s30	14s 1	1s11	17s40	0n19	20n 2	1s31	13n41	17n23	7s37	8s 3	5n58	8n20	1n10
S 2	15 22	15 29	1 35	4 5	2 45	3 1	1 42	12 22	1 59	20 53	0 30	14 0	1 11	17 39	0 19	20 3	1 31	13 41	17 23	7 37	8 4	6 1	8 21	1 10
M 3	15 40	10 19	0 32	4 14	2 51	3 28	1 42	12 15	1 57	20 55	0 30	13 59	1 11	17 39	0 19	20 3	1 31	13 41	17 22	7 37	8 5	6 4	8 22	1 10
T 4	15 58	4 51	0n32	4 25	2 57	3 56	1 42	12 8	1 55	20 58	0 30	13 58	1 11	17 38	0 19	20 3	1 31	13 41	17 22	7 37	8 6	6 8	8 24	1 10
W 5	16 15	0n45	1 33	4 38	3 1	4 24	1 43	12 1	1 52	21 0	0 30	13 58	1 12	17 37	0 19	20 4	1 31	13 42	17 22	7 37	8 8	6 11	8 25	1 10
T 6	16 32	6 18	2 30	4 53	3 5	4 52	1 43	11 53	1 50	21 3	0 30	13 57	1 12	17 37	0 19	20 4	1 31	13 42	17 21	7 39	8 9	6 14	8 26	1 10
F 7	16 49	11 40	3 21	5 9	3 8	5 19	1 43	11 46	1 48	21 5	0 30	13 56	1 12	17 36	0 19	20 4	1 31	13 42	17 21	7 41	8 10	6 18	8 28	1 10
S 8	17 5	16 39	4 4	5 28	3 10	5 47	1 43	11 38	1 46	21 7	0 29	13 55	1 12	17 35	0 19	20 5	1 31	13 42	17 21	7 45	8 11	6 21	8 29	1 10
S 9	17 21	21 2	4 36	5 48	3 12	6 14	1 43	11 30	1 44	21 9	0 29	13 54	1 12	17 35	0 19	20 5	1 31	13 42	17 20	7 49	8 12	6 24	8 30	1 10
M10	17 37	24 35	4 56	6 10	3 13	6 42	1 43	11 22	1 42	21 12	0 29	13 54	1 13	17 34	0 19	20 6	1 31	13 42	17 20	7 54	8 14	6 28	8 31	1 10
T 11	17 53	27 2	5 2	6 34	3 13	7 9	1 42	11 14	1 40	21 14	0 29	13 53	1 13	17 33	0 19	20 6	1 31	13 42	17 20	7 58	8 15	6 31	8 32	1 9
W12	18 8	28 11	4 53	6 59	3 12	7 36	1 42	11 5	1 38	21 16	0 29	13 52	1 13	17 33	0 19	20 6	1 31	13 42	17 19	8 3	8 16	6 34	8 34	1 9
T 13	18 23	27 50	4 30	7 25	3 11	8 3	1 42	10 57	1 37	21 19	0 29	13 51	1 13	17 32	0 19	20 7	1 31	13 42	17 19	8 6	8 17	6 38	8 35	1 9
F 14	18 38	25 59	3 53	7 53	3 9	8 29	1 41	10 48	1 35	21 21	0 29	13 51	1 13	17 31	0 19	20 7	1 31	13 42	17 18	8 9	8 18	6 41	8 36	1 9
S 15	18 52	22 41	3 2	8 21	3 7	8 56	1 41	10 39	1 33	21 23	0 29	13 50	1 14	17 31	0 19	20 7	1 31	13 42	17 18	8 10	8 20	6 44	8 37	1 9
S 16	19 6	18 8	2 1	8 52	3 4	9 22	1 40	10 30	1 31	21 25	0 29	13 50	1 14	17 30	0 19	20 8	1 31	13 42	17 18	8 11	8 21	6 48	8 38	1 9
M17	19 20	12 33	0 52	9 23	3 0	9 49	1 40	10 21	1 29	21 27	0 28	13 49	1 14	17 29	0 18	20 8	1 31	13 42	17 17	8 11	8 22	6 51	8 40	1 9
T 18	19 33	6 14	0s22	9 55	2 56	10 15	1 39	10 12	1 27	21 29	0 28	13 49	1 14	17 29	0 18	20 8	1 31	13 42	17 17	8 11	8 23	6 54	8 41	1 9
W19	19 46	0s31	1 36	10 28	2 51	10 40	1 38	10 2	1 25	21 32	0 28	13 48	1 14	17 28	0 18	20 9	1 31	13 42	17 16	8 11	8 24	6 58	8 42	1 9
T 20	19 59	7 21	2 45	11 2	2 45	11 6	1 37	9 53	1 24	21 34	0 28	13 48	1 15	17 27	0 18	20 9	1 31	13 42	17 16	8 12	8 26	7 1	8 43	1 9
F 21	20 11	13 52	3 44	11 37	2 39	11 31	1 36	9 43	1 22	21 36	0 28	13 47	1 15	17 27	0 18	20 10	1 31	13 42	17 15	8 15	8 27	7 4	8 44	1 9
S 22	20 23	19 38	4 28	12 13	2 33	11 56	1 35	9 33	1 20	21 38	0 28	13 47	1 15	17 26	0 18	20 10	1 31	13 42	17 15	8 18	8 28	7 7	8 45	1 9
S 23	20 35	24 11	4 54	12 49	2 26	12 21	1 34	9 23	1 18	21 40	0 28	13 47	1 15	17 26	0 18	20 10	1 31	13 42	17 15	8 22	8 29	7 11	8 46	1 9
M24	20 46	27 7	5 0	13 26	2 18	12 46	1 33	9 13	1 17	21 42	0 28	13 46	1 15	17 25	0 18	20 11	1 31	13 42	17 14	8 26	8 30	7 14	8 48	1 9
T 25	20 57	28 11	4 47	14 4	2 10	13 10	1 32	9 3	1 15	21 44	0 28	13 46	1 16	17 24	0 18	20 11	1 31	13 42	17 14	8 30	8 31	7 17	8 49	1 9
W26	21 8	27 25	4 17	14 42	2 2	13 34	1 31	8 53	1 13	21 46	0 28	13 46	1 16	17 24	0 18	20 11	1 31	13 41	17 13	8 33	8 33	7 21	8 50	1 9
T 27	21 18	25 2	3 34	15 20	1 53	13 58	1 29	8 42	1 12	21 48	0 27	13 46	1 16	17 23	0 18	20 12	1 31	13 41	17 13	8 36	8 34	7 24	8 51	1 9
F 28	21 28	21 24	2 40	15 58	1 44	14 21	1 28	8 32	1 10	21 50	0 27	13 46	1 16	17 22	0 18	20 12	1 31	13 41	17 12	8 38	8 35	7 27	8 52	1 9
S 29	21 38	16 52	1 40	16 36	1 34	14 44	1 27	8 21	1 9	21 52	0 27	13 46	1 16	17 22	0 18	20 13	1 31	13 41	17 12	8 39	8 36	7 31	8 53	1 9
S 30	21 47	11 45	0 37	17 14	1 24	15 7	1 25	8 10	1 7	21 54	0 27	13 45	1 17	17 21	0 18	20 13	1 31	13 41	17 11	8 39	8 37	7 34	8 54	1 9
M31	21n56	6s18	0n27	17n52	1s14	15n29	1s24	8n 0	1n 5	21n55	0s27	13s45	1s17	17s20	0n18	20n13	1s31	13n40	17n11	8s39	8s39	7n37	8n55	1n 9

Julian Day Number = 2352319.5, Delta T = 10.97 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'52, Lahiri = 20°03'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

JUNE 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 40	10♊34'23	24♓49	27♉ 0	17♉48	12♍38	13♊ 3	26♒56	19°R28	8♊16	5°R12	7°R48	7♓47	12♈33	20♈ 6	T 1
W 2	16 42 37	11°31'48	6♈37	28°58	19° 1	13° 4	13°17	26°57	19♏26	8°19	5♎12	7♓46	7°44	12°40	20° 8	W 2
T 3	16 46 33	12°29'12	18°26	0♊58	20°13	13°29	13°31	26°57	19°24	8°21	5°11	7°42	7°41	12°47	20°11	T 3
F 4	16 50 30	13°26'36	0♉21	3° 1	21°26	13°55	13°45	26°58	19°21	8°23	5°11	7°36	7°37	12°53	20°14	F 4
S 5	16 54 26	14°23'59	12°24	5° 5	22°39	14°21	13°59	26°58	19°19	8°25	5°11	7°26	7°34	13° 0	20°16	S 5
S 6	16 58 23	15°21'22	24°38	7°11	23°52	14°47	14°13	26°58	19°17	8°27	5°10	7°15	7°31	13° 7	20°19	S 6
M 7	17 2 19	16°18'43	7♊ 5	9°19	25° 5	15°14	14°27	26°R58	19°15	8°30	5°10	7° 2	7°28	13°13	20°21	M 7
T 8	17 6 16	17°16'04	19°46	11°28	26°18	15°41	14°41	26°58	19°13	8°32	5°10	6°49	7°25	13°20	20°23	T 8
W 9	17 10 13	18°13'25	2♋40	13°38	27°30	16° 8	14°54	26°58	19°11	8°34	5°10	6°37	7°22	13°27	20°26	W 9
T 10	17 14 9	19°10'45	15°46	15°48	28°43	16°35	15° 8	26°57	19° 8	8°36	5°10	6°27	7°18	13°33	20°28	T 10
F 11	17 18 6	20° 8'04	29° 3	18° 0	29°56	17° 3	15°22	26°57	19° 6	8°39	5° 9	6°20	7°15	13°40	20°30	F 11
S 12	17 22 2	21° 5'22	12♌31	20°12	1♊ 9	17°31	15°36	26°56	19° 4	8°41	5° 9	6°16	7°12	13°47	20°33	S 12
S 13	17 25 59	22° 2'39	26°10	22°24	2°22	17°59	15°50	26°56	19° 2	8°43	5° 9	6°14	7° 9	13°53	20°35	S 13
M14	17 29 55	22°59'55	9♍58	24°35	3°35	18°27	16° 4	26°55	19° 1	8°45	5° 9	6°D14	7° 6	14° 0	20°37	M14
T 15	17 33 52	23°57'11	23°57	26°46	4°48	18°56	16°17	26°54	18°59	8°47	5°D 9	6°R14	7° 3	14° 7	20°39	T 15
W16	17 37 49	24°54'25	8♎ 6	28°57	6° 1	19°25	16°31	26°54	18°57	8°50	5° 9	6°13	6°59	14°13	20°41	W16
T 17	17 41 45	25°51'39	22°24	1♋ 6	7°14	19°54	16°45	26°53	18°55	8°52	5° 9	6°11	6°56	14°20	20°43	T 17
F 18	17 45 42	26°48'53	6♏49	3°15	8°27	20°23	16°59	26°52	18°53	8°54	5° 9	6° 6	6°53	14°27	20°45	F 18
S 19	17 49 38	27°46'05	21°16	5°21	9°40	20°52	17°13	26°50	18°51	8°56	5° 9	5°59	6°50	14°33	20°47	S 19
S 20	17 53 35	28°43'17	5♐40	7°27	10°53	21°22	17°26	26°49	18°50	8°58	5°10	5°50	6°47	14°40	20°49	S 20
M21	17 57 31	29°40'29	19°55	9°31	12° 6	21°52	17°40	26°48	18°48	9° 0	5°10	5°40	6°43	14°47	20°51	M21
T 22	18 1 28	0♋37'41	3♑56	11°33	13°19	22°22	17°54	26°46	18°46	9° 2	5°10	5°30	6°40	14°53	20°52	T 22
W23	18 5 24	1°34'52	17°38	13°33	14°32	22°52	18° 7	26°45	18°45	9° 5	5°10	5°21	6°37	15° 0	20°54	W23
T 24	18 9 21	2°32'03	0♒58	15°31	15°45	23°22	18°21	26°43	18°43	9° 7	5°10	5°14	6°34	15° 7	20°56	T 24
F 25	18 13 18	3°29'14	13°56	17°27	16°58	23°53	18°35	26°42	18°41	9° 9	5°11	5°10	6°31	15°13	20°57	F 25
S 26	18 17 14	4°26'25	26°32	19°21	18°11	24°24	18°48	26°40	18°40	9°11	5°11	5° 8	6°28	15°20	20°59	S 26
S 27	18 21 11	5°23'36	8♓50	21°13	19°25	24°55	19° 2	26°38	18°38	9°13	5°12	5°D 8	6°24	15°27	21° 1	S 27
M28	18 25 7	6°20'47	20°53	23° 4	20°38	25°26	19°15	26°36	18°37	9°15	5°12	5° 8	6°21	15°33	21° 2	M28
T 29	18 29 4	7°17'58	2♈48	24°52	21°51	25°57	19°29	26°34	18°36	9°17	5°12	5°R 9	6°18	15°40	21° 3	T 29
W30	18 33 0	8♋15'09	14♈38	26♋38	23♊ 4	26♍29	19♊42	26♒32	18♏34	9♊19	5♎13	5♓ 9	6♓15	15♈47	21♈ 5	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 4	0s42	1n29	18n29	1s 3	15n51	1s22	7n49	1n 4	21n57	0s27	13s45	1s17	17s20	0n18	20n14	1s31	13n40	17n10	8s39	8s40	7n40	8n56	1n 9
W 2	22 12	4n52	2 26	19 6	0 53	16 13	1 21	7 37	1 2	21 59	0 27	13 45	1 17	17 19	0 18	20 14	1 31	13 40	17 10	8 40	8 41	7 44	8 57	1 9
T 3	22 20	10 17	3 17	19 42	0 42	16 34	1 19	7 26	1 1	22 1	0 27	13 45	1 17	17 19	0 18	20 14	1 31	13 39	17 9	8 42	8 42	7 47	8 58	1 9
F 4	22 27	15 21	4 0	20 17	0 31	16 55	1 17	7 15	0 59	22 3	0 27	13 46	1 18	17 18	0 18	20 15	1 31	13 39	17 9	8 44	8 43	7 50	8 59	1 9
S 5	22 34	19 54	4 33	20 51	0 20	17 15	1 15	7 3	0 58	22 4	0 27	13 46	1 18	17 18	0 18	20 15	1 31	13 39	17 8	8 48	8 45	7 53	9 0	1 9
S 6	22 40	23 42	4 53	21 24	0 9	17 35	1 13	6 52	0 56	22 6	0 26	13 46	1 18	17 17	0 18	20 15	1 31	13 38	17 8	8 52	8 46	7 57	9 0	1 9
M 7	22 46	26 28	5 0	21 55	0n 2	17 54	1 12	6 40	0 55	22 8	0 26	13 46	1 18	17 16	0 18	20 16	1 31	13 38	17 7	8 57	8 47	8 0	9 1	1 9
T 8	22 52	27 57	4 53	22 24	0 12	18 13	1 10	6 28	0 53	22 10	0 26	13 46	1 18	17 16	0 18	20 16	1 31	13 38	17 7	9 1	8 48	8 3	9 2	1 9
W 9	22 57	27 57	4 30	22 51	0 23	18 32	1 8	6 17	0 52	22 11	0 26	13 46	1 19	17 15	0 18	20 16	1 31	13 37	17 6	9 6	8 49	8 7	9 3	1 9
T 10	23 2	26 24	3 53	23 16	0 33	18 50	1 6	6 5	0 51	22 13	0 26	13 47	1 19	17 15	0 18	20 17	1 31	13 37	17 6	9 9	8 50	8 10	9 4	1 9
F 11	23 7	23 22	3 3	23 39	0 43	19 8	1 4	5 53	0 49	22 14	0 26	13 47	1 19	17 14	0 18	20 17	1 31	13 37	17 5	9 12	8 52	8 13	9 5	1 9
S 12	23 11	19 2	2 2	23 59	0 52	19 25	1 2	5 40	0 48	22 16	0 26	13 47	1 19	17 14	0 18	20 17	1 31	13 36	17 5	9 14	8 53	8 16	9 6	1 9
S 13	23 14	13 39	0 53	24 16	1 1	19 42	1 0	5 28	0 46	22 18	0 26	13 48	1 19	17 13	0 18	20 18	1 31	13 36	17 4	9 14	8 54	8 20	9 6	1 9
M14	23 17	7 32	0s20	24 31	1 9	19 58	0 57	5 16	0 45	22 19	0 26	13 48	1 20	17 13	0 18	20 18	1 31	13 35	17 4	9 14	8 55	8 23	9 7	1 9
T 15	23 20	0 59	1 33	24 43	1 17	20 13	0 55	5 3	0 44	22 21	0 26	13 49	1 20	17 12	0 18	20 18	1 31	13 35	17 3	9 14	8 56	8 26	9 8	1 8
W16	23 23	5s41	2 41	24 52	1 24	20 28	0 53	4 51	0 42	22 22	0 26	13 49	1 20	17 12	0 18	20 19	1 31	13 34	17 3	9 15	8 58	8 29	9 9	1 8
T 17	23 25	12 7	3 39	24 59	1 30	20 43	0 51	4 38	0 41	22 24	0 26	13 50	1 20	17 11	0 18	20 19	1 31	13 34	17 2	9 15	8 59	8 33	9 10	1 8
F 18	23 26	17 58	4 24	25 2	1 36	20 57	0 49	4 25	0 40	22 25	0 25	13 50	1 20	17 11	0 18	20 19	1 31	13 33	17 2	9 17	9 0	8 36	9 10	1 8
S 19	23 27	22 48	4 53	25 3	1 41	21 10	0 46	4 13	0 38	22 26	0 25	13 51	1 21	17 10	0 18	20 20	1 31	13 33	17 1	9 20	9 1	8 39	9 11	1 8
S 20	23 28	26 15	5 3	25 1	1 45	21 23	0 44	4 0	0 37	22 28	0 25	13 51	1 21	17 10	0 18	20 20	1 31	13 32	17 0	9 23	9 2	8 42	9 12	1 8
M21	23 29	27 58	4 53	24 57	1 49	21 35	0 42	3 47	0 36	22 29	0 25	13 52	1 21	17 9	0 18	20 20	1 31	13 32	17 0	9 27	9 3	8 46	9 12	1 8
T 22	23 29	27 52	4 27	24 49	1 51	21 47	0 39	3 34	0 35	22 30	0 25	13 53	1 21	17 9	0 18	20 21	1 31	13 31	16 59	9 31	9 5	8 49	9 13	1 8
W23	23 28	26 2	3 45	24 40	1 53	21 58	0 37	3 21	0 33	22 32	0 25	13 53	1 21	17 8	0 18	20 21	1 31	13 30	16 59	9 34	9 6	8 52	9 14	1 8
T 24	23 27	22 46	2 52	24 28	1 55	22 9	0 34	3 8	0 32	22 33	0 25	13 54	1 22	17 8	0 18	20 21	1 31	13 30	16 58	9 36	9 7	8 55	9 14	1 8
F 25	23 26	18 26	1 51	24 14	1 55	22 18	0 32	2 54	0 31	22 34	0 25	13 55	1 22	17 8	0 18	20 22	1 31	13 29	16 58	9 38	9 8	8 59	9 15	1 8
S 26	23 24	13 25	0 46	23 59	1 55	22 28	0 30	2 41	0 30	22 36	0 25	13 56	1 22	17 7	0 18	20 22	1 31	13 29	16 57	9 39	9 9	9 2	9 15	1 8
S 27	23 22	7 58	0n20	23 41	1 54	22 36	0 27	2 28	0 28	22 37	0 25	13 57	1 22	17 7	0 18	20 22	1 31	13 28	16 57	9 39	9 10	9 5	9 16	1 8
M28	23 19	2 20	1 23	23 21	1 53	22 44	0 25	2 14	0 27	22 38	0 25	13 57	1 22	17 6	0 18	20 22	1 31	13 27	16 56	9 38	9 12	9 8	9 17	1 8
T 29	23 17	3n18	2 23	23 0	1 51	22 51	0 22	2 1	0 26	22 39	0 25	13 58	1 22	17 6	0 18	20 23	1 31	13 27	16 56	9 38	9 13	9 11	9 17	1 8
W30	23n13	8n47	3n15	22n38	1n48	22n58	0s20	1n47	0n25	22n40	0s25	13s59	1s23	17s 6	0n18	20n23	1s31	13n26	16n55	9s38	9s14	9n15	9n18	1n 8

Julian Day Number = 2352350.5, Delta T = 10.98 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°56'56, Lahiri = 20°03'56Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

JULY 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 57	9♋12'21	26♈30	28♋21	24♊17	27♍ 0	19♊56	26°R29	18°R33	9♊21	5♎13	5°R 7	6♓12	15♈53	21♈ 6	T 1
F 2	18 40 53	10° 9'33	8♉27	0♌ 3	25°31	27°32	20° 9	26♒27	18♏32	9°23	5°14	5♓ 4	6° 9	16° 0	21° 7	F 2
S 3	18 44 50	11° 6'45	20°35	1°43	26°44	28° 4	20°23	26°25	18°31	9°25	5°15	4°58	6° 5	16° 7	21° 9	S 3
S 4	18 48 47	12° 3'58	2♊56	3°20	27°57	28°37	20°36	26°22	18°29	9°27	5°15	4°50	6° 2	16°14	21°10	S 4
M 5	18 52 43	13° 1'11	15°34	4°56	29°11	29° 9	20°49	26°20	18°28	9°29	5°16	4°42	5°59	16°20	21°11	M 5
T 6	18 56 40	13°58'25	28°29	6°29	0♋24	29°42	21° 3	26°17	18°27	9°31	5°16	4°33	5°56	16°27	21°12	T 6
W 7	19 0 36	14°55'38	11♋41	8° 1	1°37	0♎14	21°16	26°14	18°26	9°33	5°17	4°24	5°53	16°34	21°13	W 7
T 8	19 4 33	15°52'52	25° 9	9°30	2°51	0°47	21°29	26°11	18°25	9°35	5°18	4°18	5°49	16°40	21°14	T 8
F 9	19 8 29	16°50'06	8♌50	10°57	4° 4	1°20	21°42	26° 8	18°24	9°37	5°19	4°13	5°46	16°47	21°15	F 9
S 10	19 12 26	17°47'20	22°42	12°22	5°18	1°53	21°55	26° 5	18°23	9°38	5°20	4°11	5°43	16°54	21°16	S 10
S 11	19 16 23	18°44'34	6♍42	13°44	6°31	2°27	22° 9	26° 2	18°23	9°40	5°20	4°D10	5°40	17° 0	21°17	S 11
M12	19 20 19	19°41'49	20°47	15° 5	7°45	3° 0	22°22	25°59	18°22	9°42	5°21	4°11	5°37	17° 7	21°17	M12
T 13	19 24 16	20°39'03	4♎56	16°23	8°58	3°34	22°35	25°56	18°21	9°44	5°22	4°12	5°34	17°14	21°18	T 13
W14	19 28 12	21°36'18	19° 7	17°39	10°12	4° 8	22°48	25°53	18°20	9°46	5°23	4°R13	5°30	17°20	21°19	W14
T 15	19 32 9	22°33'32	3♏18	18°52	11°25	4°42	23° 0	25°50	18°20	9°47	5°24	4°12	5°27	17°27	21°19	T 15
F 16	19 36 5	23°30'47	17°27	20° 3	12°39	5°16	23°13	25°46	18°19	9°49	5°25	4°10	5°24	17°34	21°20	F 16
S 17	19 40 2	24°28'02	1♐32	21°12	13°52	5°50	23°26	25°43	18°18	9°51	5°26	4° 6	5°21	17°40	21°20	S 17
S 18	19 43 58	25°25'18	15°30	22°17	15° 6	6°24	23°39	25°39	18°18	9°53	5°27	4° 1	5°18	17°47	21°21	S 18
M19	19 47 55	26°22'34	29°19	23°20	16°20	6°59	23°51	25°36	18°18	9°54	5°28	3°55	5°15	17°54	21°21	M19
T 20	19 51 52	27°19'50	12♑54	24°21	17°33	7°33	24° 4	25°32	18°17	9°56	5°29	3°50	5°11	18° 0	21°21	T 20
W21	19 55 48	28°17'07	26°14	25°18	18°47	8° 8	24°17	25°28	18°17	9°58	5°30	3°45	5° 8	18° 7	21°22	W21
T 22	19 59 45	29°14'25	9♒17	26°12	20° 1	8°43	24°29	25°24	18°17	9°59	5°32	3°41	5° 5	18°14	21°22	T 22
F 23	20 3 41	0♌11'43	22° 3	27° 4	21°14	9°18	24°42	25°21	18°16	10° 1	5°33	3°39	5° 2	18°20	21°22	F 23
S 24	20 7 38	1° 9'02	4♓32	27°52	22°28	9°53	24°54	25°17	18°16	10° 2	5°34	3°D38	4°59	18°27	21°22	S 24
S 25	20 11 34	2° 6'22	16°46	28°36	23°42	10°29	25° 6	25°13	18°16	10° 4	5°35	3°39	4°55	18°34	21°R22	S 25
M26	20 15 31	3° 3'43	28°48	29°17	24°56	11° 4	25°19	25° 9	18°16	10° 5	5°37	3°40	4°52	18°40	21°22	M26
T 27	20 19 27	4° 1'05	10♈42	29°54	26° 9	11°40	25°31	25° 5	18°D16	10° 7	5°38	3°42	4°49	18°47	21°22	T 27
W28	20 23 24	4°58'28	22°33	0♍27	27°23	12°15	25°43	25° 1	18°16	10° 8	5°39	3°44	4°46	18°54	21°22	W28
T 29	20 27 21	5°55'52	4♉25	0°56	28°37	12°51	25°55	24°57	18°16	10°10	5°41	3°R44	4°43	19° 1	21°22	T 29
F 30	20 31 17	6°53'17	16°24	1°21	29°51	13°27	26° 7	24°52	18°16	10°11	5°42	3°44	4°40	19° 7	21°21	F 30
S 31	20 35 14	7♌50'44	28♉33	1♍41	1♌ 5	14♎ 3	26♊19	24♒48	18♏16	10♊13	5♎44	3♓42	4♓36	19♈14	21♈21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 9	13n57	4n 0	22n14	1n44	23n 4	0s17	1n33	0n24	22n41	0s24	14s 0	1s23	17s 5	0n18	20n23	1s31	13n25	16n55	9s39	9s15	9n18	9n18	1n 8
F 2	23 5	18 40	4 34	21 48	1 40	23 9	0 15	1 20	0 23	22 42	0 24	14 1	1 23	17 5	0 18	20 24	1 31	13 25	16 54	9 40	9 16	9 21	9 18	1 8
S 3	23 1	22 41	4 57	21 22	1 36	23 14	0 12	1 6	0 21	22 43	0 24	14 2	1 23	17 5	0 18	20 24	1 31	13 24	16 54	9 42	9 18	9 24	9 19	1 8
S 4	22 56	25 47	5 6	20 55	1 31	23 18	0 10	0 52	0 20	22 44	0 24	14 3	1 23	17 4	0 18	20 24	1 31	13 23	16 53	9 45	9 19	9 28	9 19	1 8
M 5	22 50	27 41	5 1	20 26	1 25	23 21	0 7	0 38	0 19	22 45	0 24	14 4	1 24	17 4	0 18	20 24	1 31	13 22	16 53	9 48	9 20	9 31	9 20	1 8
T 6	22 45	28 8	4 40	19 57	1 19	23 24	0 5	0 24	0 18	22 46	0 24	14 5	1 24	17 4	0 18	20 25	1 31	13 22	16 52	9 52	9 21	9 34	9 20	1 8
W 7	22 38	27 1	4 4	19 27	1 12	23 26	0 2	0 10	0 17	22 47	0 24	14 6	1 24	17 4	0 18	20 25	1 31	13 21	16 52	9 55	9 22	9 37	9 21	1 8
T 8	22 32	24 19	3 14	18 57	1 5	23 27	0n 0	0s 4	0 16	22 48	0 24	14 8	1 24	17 3	0 18	20 25	1 31	13 20	16 51	9 57	9 23	9 40	9 21	1 8
F 9	22 25	20 12	2 12	18 26	0 58	23 27	0 3	0 18	0 15	22 49	0 24	14 9	1 24	17 3	0 18	20 25	1 31	13 19	16 50	9 59	9 25	9 44	9 21	1 8
S 10	22 18	14 56	1 2	17 55	0 50	23 27	0 5	0 33	0 14	22 50	0 24	14 10	1 24	17 3	0 18	20 26	1 31	13 19	16 50	10 0	9 26	9 47	9 22	1 8
S 11	22 10	8 51	0s14	17 23	0 41	23 26	0 7	0 47	0 13	22 51	0 24	14 11	1 25	17 3	0 17	20 26	1 31	13 18	16 49	10 0	9 27	9 50	9 22	1 8
M12	22 2	2 18	1 29	16 51	0 32	23 25	0 10	1 1	0 12	22 52	0 24	14 12	1 25	17 2	0 17	20 26	1 31	13 17	16 49	9 59	9 28	9 53	9 22	1 8
T 13	21 53	4s23	2 39	16 19	0 23	23 23	0 12	1 15	0 11	22 53	0 24	14 14	1 25	17 2	0 17	20 26	1 31	13 16	16 48	9 59	9 29	9 56	9 22	1 8
W14	21 44	10 52	3 39	15 47	0 13	23 20	0 15	1 30	0 10	22 53	0 24	14 15	1 25	17 2	0 17	20 27	1 31	13 15	16 48	9 59	9 30	9 59	9 23	1 8
T 15	21 35	16 48	4 26	15 15	0 3	23 16	0 17	1 44	0 8	22 54	0 23	14 16	1 25	17 2	0 17	20 27	1 31	13 15	16 47	9 59	9 32	10 3	9 23	1 8
F 16	21 26	21 48	4 57	14 43	0s 7	23 12	0 19	1 59	0 7	22 55	0 23	14 17	1 25	17 2	0 17	20 27	1 31	13 14	16 47	10 0	9 33	10 6	9 23	1 8
S 17	21 16	25 33	5 10	14 11	0 18	23 7	0 22	2 13	0 6	22 56	0 23	14 19	1 26	17 2	0 17	20 27	1 31	13 13	16 46	10 1	9 34	10 9	9 23	1 8
S 18	21 5	27 43	5 4	13 39	0 29	23 1	0 24	2 28	0 5	22 56	0 23	14 20	1 26	17 2	0 17	20 28	1 31	13 12	16 46	10 3	9 35	10 12	9 23	1 8
M19	20 55	28 9	4 40	13 8	0 40	22 55	0 26	2 42	0 4	22 57	0 23	14 21	1 26	17 2	0 17	20 28	1 31	13 11	16 45	10 5	9 36	10 15	9 23	1 8
T 20	20 44	26 51	4 1	12 37	0 51	22 48	0 29	2 57	0 3	22 57	0 23	14 23	1 26	17 1	0 17	20 28	1 31	13 10	16 45	10 7	9 37	10 19	9 24	1 8
W21	20 32	24 2	3 10	12 7	1 3	22 40	0 31	3 12	0 2	22 58	0 23	14 24	1 26	17 1	0 17	20 28	1 32	13 9	16 44	10 9	9 39	10 22	9 24	1 8
T 22	20 20	20 2	2 9	11 37	1 15	22 32	0 33	3 26	0 1	22 59	0 23	14 26	1 26	17 1	0 17	20 28	1 32	13 8	16 44	10 10	9 40	10 25	9 24	1 8
F 23	20 8	15 10	1 3	11 9	1 27	22 23	0 35	3 41	0 1	22 59	0 23	14 27	1 27	17 1	0 17	20 29	1 32	13 8	16 44	10 11	9 41	10 28	9 24	1 8
S 24	19 56	9 47	0n 5	10 41	1 40	22 13	0 38	3 56	0s 0	23 0	0 23	14 29	1 27	17 1	0 17	20 29	1 32	13 7	16 43	10 11	9 42	10 31	9 24	1 8
S 25	19 43	4 9	1 11	10 14	1 52	22 3	0 40	4 11	0 1	23 0	0 23	14 30	1 27	17 1	0 17	20 29	1 32	13 6	16 43	10 11	9 43	10 34	9 24	1 8
M26	19 30	1n34	2 13	9 48	2 4	21 52	0 42	4 25	0 2	23 1	0 23	14 31	1 27	17 1	0 17	20 29	1 32	13 5	16 42	10 11	9 44	10 37	9 24	1 8
T 27	19 17	7 9	3 9	9 23	2 17	21 40	0 44	4 40	0 3	23 1	0 23	14 33	1 27	17 1	0 17	20 29	1 32	13 4	16 42	10 10	9 46	10 41	9 24	1 8
W28	19 3	12 27	3 57	9 0	2 30	21 28	0 46	4 55	0 4	23 2	0 23	14 34	1 27	17 1	0 17	20 30	1 32	13 3	16 41	10 9	9 47	10 44	9 24	1 8
T 29	18 49	17 18	4 34	8 38	2 42	21 15	0 48	5 10	0 5	23 2	0 23	14 36	1 27	17 1	0 17	20 30	1 32	13 2	16 41	10 9	9 48	10 47	9 24	1 8
F 30	18 35	21 33	5 0	8 18	2 54	21 1	0 50	5 25	0 6	23 3	0 23	14 37	1 27	17 1	0 17	20 30	1 32	13 1	16 40	10 9	9 49	10 50	9 23	1 8
S 31	18n20	24n57	5n13	7n59	3s 7	20n47	0n52	5s40	0s 7	23n 3	0s22	14s39	1s28	17s 1	0n17	20n30	1s32	13n 0	16n40	10s10	9s50	10n53	9n23	1n 8

Julian Day Number = 2352380.5, Delta T = 11.00 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'00, Lahiri = 20°04'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

AUGUST 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 10	8♌48'12	10♊57	1♍56	2♌19	14♎40	26♊31	24°R44	18♏16	10♊14	5♎45	3°R40	4♓33	19♈21	21°R21	S 1
M 2	20 43 7	9°45'41	23°40	2° 7	3°33	15°16	26°43	24♒40	18°17	10°15	5°46	3♓36	4°30	19°27	21♈20	M 2
T 3	20 47 3	10°43'11	6♋43	2°13	4°47	15°52	26°55	24°36	18°17	10°17	5°48	3°33	4°27	19°34	21°20	T 3
W 4	20 51 0	11°40'43	20° 8	2°R13	6° 1	16°29	27° 6	24°31	18°17	10°18	5°50	3°30	4°24	19°41	21°19	W 4
T 5	20 54 56	12°38'16	3♌53	2° 8	7°15	17° 6	27°18	24°27	18°18	10°19	5°51	3°27	4°21	19°47	21°19	T 5
F 6	20 58 53	13°35'49	17°56	1°58	8°29	17°42	27°29	24°22	18°18	10°20	5°53	3°26	4°17	19°54	21°18	F 6
S 7	21 2 50	14°33'24	2♍14	1°42	9°43	18°19	27°41	24°18	18°19	10°22	5°54	3°D25	4°14	20° 1	21°18	S 7
S 8	21 6 46	15°31'00	16°40	1°21	10°57	18°56	27°52	24°14	18°19	10°23	5°56	3°25	4°11	20° 7	21°17	S 8
M 9	21 10 43	16°28'37	1♎10	0°54	12°11	19°34	28° 3	24° 9	18°20	10°24	5°58	3°26	4° 8	20°14	21°16	M 9
T 10	21 14 39	17°26'15	15°38	0°23	13°25	20°11	28°15	24° 5	18°21	10°25	5°59	3°27	4° 5	20°21	21°15	T 10
W11	21 18 36	18°23'54	0♏ 2	29♌46	14°39	20°48	28°26	24° 0	18°22	10°26	6° 1	3°28	4° 1	20°27	21°14	W11
T 12	21 22 32	19°21'34	14°17	29° 6	15°53	21°26	28°37	23°56	18°22	10°27	6° 3	3°R29	3°58	20°34	21°13	T 12
F 13	21 26 29	20°19'15	28°21	28°21	17° 8	22° 4	28°48	23°51	18°23	10°28	6° 4	3°29	3°55	20°41	21°12	F 13
S 14	21 30 25	21°16'57	12♐12	27°33	18°22	22°41	28°58	23°47	18°24	10°29	6° 6	3°28	3°52	20°48	21°11	S 14
S 15	21 34 22	22°14'40	25°50	26°43	19°36	23°19	29° 9	23°42	18°25	10°30	6° 8	3°27	3°49	20°54	21°10	S 15
M16	21 38 19	23°12'24	9♑15	25°51	20°50	23°57	29°20	23°38	18°26	10°31	6°10	3°26	3°46	21° 1	21° 9	M16
T 17	21 42 15	24°10'10	22°25	24°58	22° 4	24°35	29°30	23°33	18°27	10°32	6°12	3°25	3°42	21° 8	21° 8	T 17
W18	21 46 12	25° 7'56	5♒21	24° 6	23°19	25°13	29°41	23°29	18°28	10°33	6°14	3°24	3°39	21°14	21° 7	W18
T 19	21 50 8	26° 5'44	18° 4	23°15	24°33	25°52	29°51	23°24	18°29	10°34	6°15	3°23	3°36	21°21	21° 5	T 19
F 20	21 54 5	27° 3'34	0♓33	22°27	25°47	26°30	0♋ 1	23°20	18°31	10°35	6°17	3°D23	3°33	21°28	21° 4	F 20
S 21	21 58 1	28° 1'24	12°50	21°43	27° 2	27° 8	0°12	23°15	18°32	10°35	6°19	3°23	3°30	21°34	21° 3	S 21
S 22	22 1 58	28°59'17	24°57	21° 3	28°16	27°47	0°22	23°11	18°33	10°36	6°21	3°23	3°27	21°41	21° 1	S 22
M23	22 5 54	29°57'11	6♈56	20°28	29°30	28°26	0°32	23° 6	18°34	10°37	6°23	3°23	3°23	21°48	21° 0	M23
T 24	22 9 51	0♍55'07	18°48	20° 0	0♍45	29° 5	0°41	23° 2	18°36	10°38	6°25	3°24	3°20	21°54	20°58	T 24
W25	22 13 48	1°53'04	0♉39	19°39	1°59	29°43	0°51	22°57	18°37	10°38	6°27	3°24	3°17	22° 1	20°57	W25
T 26	22 17 44	2°51'03	12°30	19°26	3°13	0♏22	1° 1	22°53	18°39	10°39	6°29	3°24	3°14	22° 8	20°55	T 26
F 27	22 21 41	3°49'05	24°28	19°D20	4°28	1° 1	1°10	22°48	18°40	10°39	6°31	3°R24	3°11	22°14	20°53	F 27
S 28	22 25 37	4°47'08	6♊35	19°23	5°42	1°41	1°20	22°44	18°42	10°40	6°33	3°D24	3° 7	22°21	20°51	S 28
S 29	22 29 34	5°45'13	18°58	19°34	6°57	2°20	1°29	22°40	18°44	10°41	6°35	3°24	3° 4	22°28	20°50	S 29
M30	22 33 30	6°43'20	1♋39	19°54	8°11	2°59	1°38	22°35	18°45	10°41	6°37	3°24	3° 1	22°35	20°48	M30
T 31	22 37 27	7♍41'30	14♋42	20♌22	9♍26	3♏39	1♋47	22♒31	18♏47	10♊41	6♎39	3♓25	2♓58	22♈41	20♈46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 5	27n15	5n11	7n42	3s19	20n33	0n54	5s54	0s 8	23n 3	0s22	14s41	1s28	17s 1	0n17	20n30	1s32	12n59	16n40	10s11	9s51	10n56	9n23	1n 8
M 2	17 50	28 14	4 55	7 28	3 30	20 17	0 55	6 9	0 9	23 4	0 22	14 42	1 28	17 2	0 17	20 30	1 32	12 58	16 39	10 12	9 52	10 59	9 23	1 8
T 3	17 34	27 41	4 23	7 15	3 42	20 1	0 57	6 24	0 10	23 4	0 22	14 44	1 28	17 2	0 17	20 30	1 32	12 57	16 39	10 13	9 54	11 3	9 23	1 8
W 4	17 19	25 32	3 36	7 5	3 52	19 45	0 59	6 39	0 11	23 4	0 22	14 45	1 28	17 2	0 17	20 31	1 32	12 56	16 38	10 14	9 55	11 6	9 23	1 8
T 5	17 3	21 50	2 36	6 57	4 2	19 28	1 0	6 54	0 11	23 5	0 22	14 47	1 28	17 2	0 17	20 31	1 32	12 55	16 38	10 15	9 56	11 9	9 22	1 8
F 6	16 46	16 49	1 24	6 52	4 12	19 10	1 2	7 9	0 12	23 5	0 22	14 48	1 28	17 2	0 17	20 31	1 32	12 54	16 37	10 16	9 57	11 12	9 22	1 8
S 7	16 29	10 48	0 7	6 50	4 20	18 52	1 4	7 24	0 13	23 5	0 22	14 50	1 28	17 2	0 17	20 31	1 32	12 53	16 37	10 16	9 58	11 15	9 22	1 8
S 8	16 13	4 10	1s13	6 50	4 28	18 33	1 5	7 39	0 14	23 6	0 22	14 51	1 29	17 3	0 17	20 31	1 32	12 52	16 37	10 16	9 59	11 18	9 22	1 8
M 9	15 55	2s43	2 27	6 53	4 34	18 14	1 7	7 54	0 15	23 6	0 22	14 53	1 29	17 3	0 17	20 31	1 32	12 51	16 36	10 16	10 1	11 21	9 21	1 8
T 10	15 38	9 26	3 33	7 0	4 39	17 54	1 8	8 8	0 16	23 6	0 22	14 55	1 29	17 3	0 17	20 31	1 32	12 50	16 36	10 15	10 2	11 24	9 21	1 8
W11	15 20	15 37	4 24	7 9	4 43	17 34	1 10	8 23	0 16	23 6	0 22	14 56	1 29	17 3	0 17	20 32	1 32	12 49	16 36	10 15	10 3	11 28	9 21	1 8
T 12	15 2	20 54	4 59	7 21	4 45	17 14	1 11	8 38	0 17	23 6	0 22	14 58	1 29	17 3	0 17	20 32	1 32	12 48	16 35	10 15	10 4	11 31	9 20	1 8
F 13	14 44	24 56	5 15	7 36	4 46	16 52	1 12	8 53	0 18	23 7	0 22	14 59	1 29	17 4	0 17	20 32	1 32	12 47	16 35	10 15	10 5	11 34	9 20	1 8
S 14	14 26	27 27	5 13	7 53	4 44	16 31	1 13	9 8	0 19	23 7	0 22	15 1	1 29	17 4	0 17	20 32	1 32	12 46	16 34	10 15	10 6	11 37	9 19	1 8
S 15	14 7	28 17	4 53	8 13	4 41	16 8	1 14	9 23	0 20	23 7	0 22	15 3	1 29	17 4	0 17	20 32	1 32	12 45	16 34	10 15	10 8	11 40	9 19	1 8
M16	13 48	27 25	4 17	8 36	4 36	15 46	1 16	9 38	0 21	23 7	0 22	15 4	1 29	17 5	0 17	20 32	1 33	12 44	16 34	10 16	10 9	11 43	9 18	1 8
T 17	13 29	25 2	3 28	9 0	4 29	15 23	1 17	9 52	0 21	23 7	0 22	15 6	1 29	17 5	0 17	20 32	1 33	12 43	16 33	10 16	10 10	11 46	9 18	1 8
W18	13 10	21 22	2 29	9 25	4 20	14 59	1 18	10 7	0 22	23 7	0 21	15 7	1 29	17 5	0 17	20 32	1 33	12 42	16 33	10 17	10 11	11 49	9 18	1 7
T 19	12 50	16 46	1 24	9 52	4 9	14 36	1 19	10 22	0 23	23 7	0 21	15 9	1 29	17 5	0 17	20 32	1 33	12 41	16 33	10 17	10 12	11 52	9 17	1 7
F 20	12 31	11 32	0 16	10 19	3 57	14 11	1 19	10 36	0 24	23 7	0 21	15 10	1 30	17 6	0 17	20 32	1 33	12 40	16 32	10 17	10 13	11 55	9 16	1 7
S 21	12 11	5 57	0n52	10 46	3 43	13 47	1 20	10 51	0 24	23 7	0 21	15 12	1 30	17 6	0 17	20 32	1 33	12 39	16 32	10 17	10 14	11 58	9 16	1 7
S 22	11 51	0 13	1 57	11 13	3 28	13 22	1 21	11 6	0 25	23 7	0 21	15 13	1 30	17 7	0 16	20 32	1 33	12 38	16 32	10 17	10 16	12 1	9 15	1 7
M23	11 30	5n26	2 56	11 40	3 11	12 56	1 22	11 20	0 26	23 7	0 21	15 15	1 30	17 7	0 16	20 33	1 33	12 37	16 32	10 17	10 17	12 5	9 15	1 7
T 24	11 10	10 52	3 46	12 5	2 54	12 30	1 22	11 35	0 27	23 7	0 21	15 17	1 30	17 7	0 16	20 33	1 33	12 36	16 31	10 17	10 18	12 8	9 14	1 7
W25	10 49	15 53	4 27	12 28	2 36	12 4	1 23	11 49	0 27	23 7	0 21	15 18	1 30	17 8	0 16	20 33	1 33	12 35	16 31	10 16	10 19	12 11	9 14	1 7
T 26	10 28	20 19	4 56	12 50	2 18	11 38	1 23	12 4	0 28	23 7	0 21	15 20	1 30	17 8	0 16	20 33	1 33	12 34	16 31	10 16	10 20	12 14	9 13	1 7
F 27	10 7	23 58	5 13	13 9	1 59	11 11	1 24	12 18	0 29	23 7	0 21	15 21	1 30	17 9	0 16	20 33	1 33	12 33	16 30	10 16	10 21	12 17	9 12	1 7
S 28	9 46	26 39	5 17	13 26	1 41	10 44	1 24	12 32	0 30	23 7	0 21	15 23	1 30	17 9	0 16	20 33	1 33	12 32	16 30	10 16	10 22	12 20	9 12	1 7
S 29	9 25	28 6	5 6	13 40	1 22	10 17	1 24	12 47	0 30	23 7	0 21	15 24	1 30	17 10	0 16	20 33	1 33	12 31	16 30	10 16	10 24	12 23	9 11	1 7
M30	9 3	28 8	4 40	13 52	1 4	9 49	1 25	13 1	0 31	23 7	0 21	15 25	1 30	17 10	0 16	20 33	1 33	12 30	16 30	10 16	10 25	12 26	9 10	1 7
T 31	8n42	26n37	3n59	13n59	0s46	9n21	1n25	13s15	0s32	23n 7	0s21	15s27	1s30	17s11	0n16	20n33	1s33	12n29	16n29	10s16	10s26	12n29	9n 9	1n 7

Julian Day Number = 2352411.5, Delta T = 11.01 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'04, Lahiri = 20°04'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

SEPTEMBER 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 23	8♍39'41	28♋10	20♌59	10♍40	4♏19	1♋56	22°R27	18♏49	10♊42	6♎42	3♓25	2♓55	22♈48	20°R44	W 1
T 2	22 45 20	9°37'54	12♌ 3	21°44	11°55	4°58	2° 5	22♒23	18°51	10°42	6°44	3°26	2°52	22°55	20♈42	T 2
F 3	22 49 17	10°36'08	26°20	22°36	13° 9	5°38	2°14	22°18	18°52	10°43	6°46	3°R26	2°48	23° 1	20°40	F 3
S 4	22 53 13	11°34'25	10♍56	23°36	14°24	6°18	2°22	22°14	18°54	10°43	6°48	3°26	2°45	23° 8	20°38	S 4
S 5	22 57 10	12°32'43	25°46	24°43	15°38	6°58	2°31	22°10	18°56	10°43	6°50	3°26	2°42	23°15	20°36	S 5
M 6	23 1 6	13°31'04	10♎41	25°56	16°53	7°38	2°39	22° 6	18°58	10°44	6°52	3°25	2°39	23°21	20°34	M 6
T 7	23 5 3	14°29'25	25°35	27°16	18° 8	8°18	2°47	22° 2	19° 0	10°44	6°55	3°23	2°36	23°28	20°32	T 7
W 8	23 8 59	15°27'49	10♏19	28°40	19°22	8°59	2°55	21°58	19° 2	10°44	6°57	3°22	2°33	23°35	20°30	W 8
T 9	23 12 56	16°26'14	24°47	0♍10	20°37	9°39	3° 3	21°54	19° 5	10°44	6°59	3°21	2°29	23°41	20°27	T 9
F 10	23 16 52	17°24'41	8♐56	1°44	21°51	10°19	3°11	21°50	19° 7	10°44	7° 1	3°20	2°26	23°48	20°25	F 10
S 11	23 20 49	18°23'09	22°45	3°22	23° 6	11° 0	3°18	21°46	19° 9	10°44	7° 3	3°D20	2°23	23°55	20°23	S 11
S 12	23 24 46	19°21'39	6♑13	5° 2	24°21	11°41	3°26	21°43	19°11	10°44	7° 6	3°21	2°20	24° 2	20°21	S 12
M13	23 28 42	20°20'11	19°21	6°46	25°35	12°21	3°33	21°39	19°14	10°R44	7° 8	3°22	2°17	24° 8	20°18	M13
T 14	23 32 39	21°18'44	2♒13	8°32	26°50	13° 2	3°40	21°35	19°16	10°44	7°10	3°23	2°13	24°15	20°16	T 14
W15	23 36 35	22°17'19	14°49	10°19	28° 5	13°43	3°47	21°32	19°18	10°44	7°12	3°25	2°10	24°22	20°13	W15
T 16	23 40 32	23°15'56	27°13	12° 7	29°19	14°24	3°54	21°28	19°21	10°44	7°15	3°R25	2° 7	24°28	20°11	T 16
F 17	23 44 28	24°14'34	9♓27	13°57	0♎34	15° 5	4° 1	21°25	19°23	10°44	7°17	3°25	2° 4	24°35	20° 8	F 17
S 18	23 48 25	25°13'14	21°32	15°47	1°49	15°47	4° 8	21°22	19°26	10°44	7°19	3°24	2° 1	24°42	20° 6	S 18
S 19	23 52 21	26°11'57	3♈31	17°38	3° 3	16°28	4°14	21°18	19°28	10°44	7°22	3°22	1°58	24°48	20° 3	S 19
M20	23 56 18	27°10'41	15°25	19°29	4°18	17° 9	4°20	21°15	19°31	10°44	7°24	3°19	1°54	24°55	20° 1	M20
T 21	0 0 14	28° 9'27	27°16	21°19	5°33	17°51	4°26	21°12	19°33	10°43	7°26	3°15	1°51	25° 2	19°58	T 21
W22	0 4 11	29° 8'16	9♉ 6	23°10	6°47	18°32	4°32	21° 9	19°36	10°43	7°29	3°10	1°48	25° 8	19°56	W22
T 23	0 8 8	0♎ 7'07	20°59	25° 0	8° 2	19°14	4°38	21° 6	19°39	10°43	7°31	3° 6	1°45	25°15	19°53	T 23
F 24	0 12 4	1° 6'00	2♊56	26°50	9°17	19°56	4°44	21° 3	19°42	10°43	7°33	3° 2	1°42	25°22	19°50	F 24
S 25	0 16 1	2° 4'55	15° 3	28°39	10°32	20°37	4°49	21° 0	19°44	10°42	7°36	3° 0	1°38	25°29	19°48	S 25
S 26	0 19 57	3° 3'53	27°22	0♎27	11°46	21°19	4°55	20°57	19°47	10°42	7°38	2°58	1°35	25°35	19°45	S 26
M27	0 23 54	4° 2'53	9♋58	2°15	13° 1	22° 1	5° 0	20°54	19°50	10°41	7°40	2°D58	1°32	25°42	19°42	M27
T 28	0 27 50	5° 1'55	22°55	4° 2	14°16	22°43	5° 5	20°52	19°53	10°41	7°43	2°59	1°29	25°49	19°39	T 28
W29	0 31 47	6° 0'59	6♌17	5°48	15°31	23°25	5°10	20°49	19°56	10°40	7°45	3° 1	1°26	25°55	19°37	W29
T 30	0 35 43	7♎ 0'06	20♌ 6	7♎33	16♎45	24♏ 8	5♋14	20♒47	19♏59	10♊40	7♎47	3♓ 2	1♓23	26♈ 2	19♈34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n20	23n33	3n 3	14n 4	0s29	8n53	1n25	13s29	0s32	23n 7	0s21	15s28	1s30	17s11	0n16	20n33	1s33	12n28	16n29	10s16	10s27	12n32	9n 9	1n 7	
T 2	7 58	19 4	1 56	14 5	0 13	8 25	1 25	13 43	0 33	23 7	0 21	15 30	1 30	17 12	0 16	20 33	1 33	12 27	16 29	10 16	10 28	12 35	9 8	1 7	
F 3	7 36	13 23	0 39	14 3	0n 3	7 56	1 25	13 57	0 34	23 7	0 21	15 31	1 30	17 12	0 16	20 33	1 33	12 26	16 29	10 16	10 29	12 38	9 7	1 7	
S 4	7 14	6 50	0s41	13 57	0 17	7 27	1 25	14 11	0 35	23 7	0 21	15 32	1 30	17 13	0 16	20 33	1 33	12 25	16 29	10 16	10 31	12 41	9 6	1 7	
S 5	6 52	0s10	2 1	13 47	0 31	6 58	1 25	14 25	0 35	23 7	0 21	15 34	1 30	17 13	0 16	20 33	1 33	12 24	16 28	10 16	10 32	12 44	9 5	1 7	
M 6	6 29	7 11	3 12	13 34	0 43	6 29	1 24	14 39	0 36	23 7	0 20	15 35	1 30	17 14	0 16	20 33	1 33	12 23	16 28	10 16	10 33	12 47	9 5	1 7	
T 7	6 7	13 47	4 10	13 18	0 55	5 59	1 24	14 52	0 37	23 6	0 20	15 37	1 30	17 14	0 16	20 33	1 34	12 22	16 28	10 17	10 34	12 50	9 4	1 7	
W 8	5 44	19 32	4 51	12 58	1 5	5 30	1 24	15 6	0 37	23 6	0 20	15 38	1 30	17 15	0 16	20 33	1 34	12 21	16 28	10 17	10 35	12 53	9 3	1 7	
T 9	5 22	24 3	5 13	12 35	1 14	5 0	1 23	15 19	0 38	23 6	0 20	15 39	1 30	17 16	0 16	20 33	1 34	12 19	16 28	10 18	10 36	12 56	9 2	1 7	
F 10	4 59	27 0	5 15	12 10	1 22	4 30	1 23	15 33	0 38	23 6	0 20	15 40	1 30	17 16	0 16	20 33	1 34	12 18	16 27	10 18	10 37	12 59	9 1	1 7	
S 11	4 36	28 15	4 58	11 41	1 29	4 0	1 22	15 46	0 39	23 6	0 20	15 42	1 30	17 17	0 16	20 33	1 34	12 17	16 27	10 18	10 39	13 2	9 0	1 7	
S 12	4 13	27 45	4 26	11 9	1 35	3 30	1 22	15 59	0 40	23 6	0 20	15 43	1 30	17 18	0 16	20 33	1 34	12 16	16 27	10 18	10 40	13 5	8 59	1 7	
M13	3 50	25 42	3 40	10 36	1 40	3 0	1 21	16 13	0 40	23 6	0 20	15 44	1 30	17 18	0 16	20 33	1 34	12 15	16 27	10 17	10 41	13 8	8 58	1 7	
T 14	3 27	22 22	2 44	10 0	1 44	2 29	1 20	16 26	0 41	23 6	0 20	15 45	1 30	17 19	0 16	20 33	1 34	12 14	16 27	10 17	10 42	13 11	8 57	1 7	
W15	3 4	18 1	1 41	9 22	1 47	1 59	1 19	16 39	0 42	23 5	0 20	15 46	1 30	17 20	0 16	20 33	1 34	12 14	16 27	10 16	10 43	13 14	8 56	1 6	
T 16	2 41	12 59	0 34	8 42	1 49	1 28	1 19	16 51	0 42	23 5	0 20	15 47	1 30	17 20	0 16	20 32	1 34	12 13	16 27	10 16	10 44	13 17	8 55	1 6	
F 17	2 17	7 32	0n33	8 1	1 50	0 58	1 18	17 4	0 43	23 5	0 20	15 49	1 30	17 21	0 16	20 32	1 34	12 12	16 27	10 16	10 45	13 20	8 54	1 6	
S 18	1 54	1 51	1 38	7 19	1 51	0 27	1 17	17 17	0 43	23 5	0 20	15 50	1 30	17 22	0 16	20 32	1 34	12 11	16 27	10 16	10 46	13 23	8 53	1 6	
S 19	1 31	3n49	2 38	6 35	1 50	0s 4	1 16	17 29	0 44	23 5	0 20	15 51	1 30	17 22	0 16	20 32	1 34	12 10	16 26	10 17	10 48	13 26	8 52	1 6	
M20	1 7	9 19	3 31	5 51	1 49	0 34	1 15	17 42	0 45	23 5	0 20	15 52	1 30	17 23	0 16	20 32	1 34	12 9	16 26	10 18	10 49	13 29	8 51	1 6	
T 21	0 44	14 27	4 14	5 6	1 48	1 5	1 13	17 54	0 45	23 4	0 20	15 53	1 30	17 24	0 16	20 32	1 34	12 8	16 26	10 20	10 50	13 32	8 50	1 6	
W22	0 21	19 4	4 46	4 20	1 45	1 36	1 12	18 6	0 46	23 4	0 20	15 54	1 30	17 24	0 16	20 32	1 34	12 7	16 26	10 22	10 51	13 35	8 49	1 6	
T 23	0s 3	22 57	5 6	3 34	1 43	2 6	1 11	18 18	0 46	23 4	0 20	15 55	1 30	17 25	0 16	20 32	1 34	12 6	16 26	10 23	10 52	13 38	8 48	1 6	
F 24	0 26	25 54	5 13	2 47	1 39	2 37	1 10	18 30	0 47	23 4	0 20	15 55	1 30	17 26	0 16	20 32	1 34	12 5	16 26	10 24	10 53	13 41	8 47	1 6	
S 25	0 50	27 42	5 6	2 0	1 36	3 8	1 8	18 42	0 47	23 4	0 19	15 56	1 30	17 27	0 16	20 32	1 34	12 4	16 26	10 25	10 54	13 44	8 46	1 6	
S 26	1 13	28 12	4 45	1 13	1 32	3 38	1 7	18 53	0 48	23 4	0 19	15 57	1 30	17 28	0 16	20 32	1 34	12 3	16 26	10 26	10 56	13 47	8 45	1 6	
M27	1 37	27 16	4 10	0 26	1 27	4 9	1 5	19 5	0 49	23 4	0 19	15 58	1 30	17 28	0 16	20 32	1 34	12 2	16 26	10 26	10 57	13 50	8 44	1 6	
T 28	2 0	24 50	3 22	0s21	1 22	4 39	1 4	19 16	0 49	23 3	0 19	15 59	1 30	17 29	0 16	20 31	1 34	12 1	16 26	10 25	10 58	13 53	8 43	1 6	
W29	2 24	21 0	2 21	1 8	1 17	5 10	1 2	19 27	0 50	23 3	0 19	16 0	1 30	17 30	0 16	20 31	1 35	12 0	16 26	10 25	10 59	13 56	8 42	1 6	
T 30	2s47	15n55	1n10	1s54	1n12	5s40	1n 0	19s39	0s50	23n 3	0s19	16s 0	1s30	17s31	0n16	20n31	1s35	11n59	16n26	10s24	11s 0	13n59	8n41	1n 6	

Julian Day Number = 2352442.5, Delta T = 11.02 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'09, Lahiri = 20°04'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

OCTOBER 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 40	7♎59'15	4♍22	9♎18	18♎ 0	24♏50	5♋19	20°R45	20♏ 2	10°R39	7♎50	3°R 3	1♓19	26♈ 9	19°R31	F 1
S 2	0 43 37	8°58'27	19° 4	11° 2	19°15	25°32	5°23	20♒42	20° 5	10♊39	7°52	3♓ 2	1°16	26°15	19♈28	S 2
S 3	0 47 33	9°57'40	4♎ 5	12°45	20°30	26°15	5°27	20°40	20° 8	10°38	7°54	2°59	1°13	26°22	19°25	S 3
M 4	0 51 30	10°56'56	19°18	14°27	21°44	26°57	5°31	20°38	20°11	10°37	7°57	2°55	1°10	26°29	19°23	M 4
T 5	0 55 26	11°56'13	4♏32	16° 9	22°59	27°40	5°35	20°36	20°14	10°37	7°59	2°49	1° 7	26°36	19°20	T 5
W 6	0 59 23	12°55'33	19°36	17°50	24°14	28°23	5°39	20°34	20°17	10°36	8° 1	2°43	1° 4	26°42	19°17	W 6
T 7	1 3 19	13°54'54	4♐23	19°29	25°29	29° 6	5°42	20°32	20°20	10°35	8° 4	2°37	1° 0	26°49	19°14	T 7
F 8	1 7 16	14°54'18	18°45	21° 9	26°44	29°49	5°45	20°31	20°23	10°35	8° 6	2°33	0°57	26°56	19°11	F 8
S 9	1 11 12	15°53'43	2♑40	22°47	27°58	0♐32	5°48	20°29	20°27	10°34	8° 8	2°30	0°54	27° 2	19° 8	S 9
S 10	1 15 9	16°53'10	16° 8	24°25	29°13	1°15	5°51	20°28	20°30	10°33	8°11	2°D30	0°51	27° 9	19° 5	S 10
M11	1 19 6	17°52'38	29°11	26° 2	0♏28	1°58	5°54	20°26	20°33	10°32	8°13	2°30	0°48	27°16	19° 3	M11
T 12	1 23 2	18°52'09	11♒53	27°38	1°43	2°41	5°56	20°25	20°36	10°31	8°15	2°31	0°44	27°22	19° 0	T 12
W13	1 26 59	19°51'41	24°18	29°14	2°58	3°24	5°58	20°24	20°40	10°30	8°18	2°33	0°41	27°29	18°57	W13
T 14	1 30 55	20°51'14	6♓29	0♏49	4°12	4° 8	6° 0	20°22	20°43	10°29	8°20	2°R33	0°38	27°36	18°54	T 14
F 15	1 34 52	21°50'50	18°32	2°24	5°27	4°51	6° 2	20°21	20°46	10°28	8°22	2°31	0°35	27°43	18°51	F 15
S 16	1 38 48	22°50'28	0♈28	3°57	6°42	5°34	6° 4	20°20	20°50	10°27	8°25	2°28	0°32	27°49	18°48	S 16
S 17	1 42 45	23°50'07	12°21	5°31	7°57	6°18	6° 5	20°20	20°53	10°26	8°27	2°21	0°29	27°56	18°45	S 17
M18	1 46 41	24°49'48	24°12	7° 3	9°12	7° 2	6° 7	20°19	20°57	10°25	8°29	2°13	0°25	28° 3	18°43	M18
T 19	1 50 38	25°49'32	6♉ 3	8°35	10°26	7°45	6° 8	20°18	21° 0	10°24	8°31	2° 3	0°22	28° 9	18°40	T 19
W20	1 54 35	26°49'17	17°56	10° 7	11°41	8°29	6° 9	20°18	21° 3	10°23	8°34	1°52	0°19	28°16	18°37	W20
T 21	1 58 31	27°49'05	29°53	11°38	12°56	9°13	6° 9	20°17	21° 7	10°22	8°36	1°41	0°16	28°23	18°34	T 21
F 22	2 2 28	28°48'55	11♊54	13° 8	14°11	9°57	6°10	20°17	21°10	10°21	8°38	1°32	0°13	28°29	18°31	F 22
S 23	2 6 24	29°48'46	24° 3	14°38	15°26	10°41	6°10	20°17	21°14	10°19	8°40	1°24	0°10	28°36	18°28	S 23
S 24	2 10 21	0♏48'41	6♋23	16° 7	16°40	11°25	6°R10	20°17	21°17	10°18	8°43	1°18	0° 6	28°43	18°26	S 24
M25	2 14 17	1°48'37	18°57	17°36	17°55	12° 9	6°10	20°D17	21°21	10°17	8°45	1°15	0° 3	28°50	18°23	M25
T 26	2 18 14	2°48'35	1♌48	19° 4	19°10	12°53	6°10	20°17	21°25	10°16	8°47	1°D14	29♒59	28°56	18°20	T 26
W27	2 22 10	3°48'36	15° 1	20°32	20°25	13°38	6° 9	20°17	21°28	10°15	8°49	1°15	29°57	29° 3	18°17	W27
T 28	2 26 7	4°48'39	28°39	21°59	21°40	14°22	6° 9	20°17	21°32	10°13	8°51	1°R15	29°54	29°10	18°15	T 28
F 29	2 30 4	5°48'44	12♍44	23°25	22°54	15° 6	6° 8	20°18	21°35	10°12	8°53	1°15	29°50	29°16	18°12	F 29
S 30	2 34 0	6°48'51	27°16	24°51	24° 9	15°51	6° 7	20°18	21°39	10°11	8°56	1°12	29°47	29°23	18° 9	S 30
S 31	2 37 57	7♏49'00	12♎12	26♏16	25♏24	16♐35	6♋ 5	20♒19	21♏43	10♊ 9	8♎58	1♓ 7	29♒44	29♈30	18♈ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	3s10	9n49	0s 7	2s41	1n 6	6s10	0n59	19s49	0s51	23n 3	0s19	16s 1	1s30	17s32	0n16	20n31	1s35	11n58	16n26	10s24	11s 1	14n 2	8n40	1n 5	F 1
S 2	3 34	3 1	1 26	3 27	1 0	6 40	0 57	20 0	0 51	23 3	0 19	16 2	1 30	17 32	0 16	20 31	1 35	11 58	16 26	10 25	11 2	14 5	8 38	1 5	S 2
S 3	3 57	4s 5	2 41	4 13	0 54	7 10	0 55	20 11	0 52	23 3	0 19	16 2	1 30	17 33	0 16	20 31	1 35	11 57	16 26	10 26	11 4	14 8	8 37	1 5	S 3
M 4	4 20	11 2	3 45	4 58	0 48	7 40	0 53	20 21	0 52	23 3	0 19	16 3	1 30	17 34	0 16	20 31	1 35	11 56	16 26	10 27	11 5	14 10	8 36	1 5	M 4
T 5	4 44	17 20	4 33	5 43	0 42	8 9	0 51	20 31	0 53	23 3	0 19	16 4	1 29	17 35	0 16	20 31	1 35	11 55	16 26	10 29	11 6	14 13	8 35	1 5	T 5
W 6	5 7	22 30	5 2	6 27	0 36	8 39	0 50	20 42	0 53	23 3	0 19	16 4	1 29	17 36	0 16	20 30	1 35	11 54	16 26	10 31	11 7	14 16	8 34	1 5	W 6
T 7	5 30	26 7	5 9	7 12	0 29	9 8	0 48	20 52	0 54	23 3	0 19	16 5	1 29	17 37	0 16	20 30	1 35	11 53	16 26	10 33	11 8	14 19	8 33	1 5	T 7
F 8	5 53	27 56	4 57	7 55	0 22	9 37	0 46	21 1	0 54	23 2	0 19	16 5	1 29	17 37	0 16	20 30	1 35	11 52	16 27	10 35	11 9	14 22	8 31	1 5	F 8
S 9	6 16	27 55	4 28	8 38	0 16	10 6	0 44	21 11	0 55	23 2	0 19	16 6	1 29	17 38	0 15	20 30	1 35	11 52	16 27	10 36	11 10	14 25	8 30	1 5	S 9
S 10	6 39	26 13	3 45	9 20	0 9	10 34	0 41	21 20	0 55	23 2	0 19	16 6	1 29	17 39	0 15	20 30	1 35	11 51	16 27	10 36	11 11	14 28	8 29	1 5	S 10
M11	7 1	23 8	2 50	10 2	0 2	11 2	0 39	21 29	0 55	23 2	0 19	16 6	1 29	17 40	0 15	20 30	1 35	11 50	16 27	10 36	11 13	14 31	8 28	1 5	M11
T 12	7 24	19 0	1 49	10 44	0s 5	11 30	0 37	21 39	0 56	23 2	0 18	16 7	1 29	17 41	0 15	20 29	1 35	11 49	16 27	10 35	11 14	14 34	8 27	1 5	T 12
W13	7 47	14 9	0 44	11 24	0 12	11 58	0 35	21 47	0 56	23 2	0 18	16 7	1 29	17 42	0 15	20 29	1 35	11 48	16 27	10 35	11 15	14 37	8 26	1 5	W13
T 14	8 9	8 49	0n21	12 4	0 19	12 26	0 33	21 56	0 57	23 2	0 18	16 7	1 29	17 43	0 15	20 29	1 35	11 48	16 27	10 35	11 16	14 40	8 24	1 4	T 14
F 15	8 32	3 14	1 25	12 43	0 25	12 53	0 30	22 4	0 57	23 2	0 18	16 8	1 29	17 44	0 15	20 29	1 35	11 47	16 27	10 36	11 17	14 42	8 23	1 4	F 15
S 16	8 54	2n24	2 24	13 22	0 32	13 20	0 28	22 13	0 58	23 2	0 18	16 8	1 29	17 45	0 15	20 29	1 35	11 46	16 27	10 37	11 18	14 45	8 22	1 4	S 16
S 17	9 16	7 54	3 17	14 0	0 39	13 46	0 26	22 21	0 58	23 2	0 18	16 8	1 29	17 45	0 15	20 29	1 35	11 45	16 28	10 39	11 19	14 48	8 21	1 4	S 17
M18	9 38	13 7	4 1	14 37	0 46	14 13	0 23	22 29	0 58	23 2	0 18	16 8	1 29	17 46	0 15	20 28	1 35	11 45	16 28	10 42	11 20	14 51	8 20	1 4	M18
T 19	10 0	17 52	4 34	15 13	0 53	14 39	0 21	22 36	0 59	23 2	0 18	16 8	1 29	17 47	0 15	20 28	1 35	11 44	16 28	10 46	11 22	14 54	8 19	1 4	T 19
W20	10 21	21 56	4 56	15 49	0 59	15 4	0 19	22 44	0 59	23 2	0 18	16 9	1 28	17 48	0 15	20 28	1 35	11 43	16 28	10 50	11 23	14 57	8 17	1 4	W20
T 21	10 43	25 6	5 4	16 23	1 6	15 29	0 16	22 51	1 0	23 2	0 18	16 9	1 28	17 49	0 15	20 28	1 35	11 43	16 28	10 53	11 24	15 0	8 16	1 4	T 21
F 22	11 4	27 12	4 59	16 57	1 12	15 54	0 14	22 58	1 0	23 2	0 18	16 9	1 28	17 50	0 15	20 28	1 35	11 42	16 29	10 57	11 25	15 3	8 15	1 4	F 22
S 23	11 25	28 2	4 41	17 30	1 18	16 18	0 11	23 5	1 0	23 2	0 18	16 9	1 28	17 51	0 15	20 27	1 35	11 41	16 29	11 0	11 26	15 5	8 14	1 4	S 23
S 24	11 46	27 29	4 10	18 2	1 25	16 42	0 9	23 11	1 1	23 2	0 18	16 9	1 28	17 52	0 15	20 27	1 35	11 41	16 29	11 2	11 27	15 8	8 13	1 4	S 24
M25	12 7	25 32	3 26	18 34	1 31	17 6	0 6	23 18	1 1	23 2	0 18	16 8	1 28	17 53	0 15	20 27	1 35	11 40	16 29	11 3	11 28	15 11	8 12	1 3	M25
T 26	12 28	22 14	2 30	19 4	1 37	17 29	0 4	23 24	1 1	23 3	0 17	16 8	1 28	17 54	0 15	20 27	1 36	11 39	16 29	11 3	11 29	15 14	8 11	1 3	T 26
W27	12 48	17 43	1 25	19 33	1 42	17 51	0 1	23 30	1 2	23 3	0 17	16 8	1 28	17 55	0 15	20 27	1 36	11 39	16 30	11 3	11 30	15 17	8 9	1 3	W27
T 28	13 9	12 11	0 14	20 2	1 48	18 14	0s 1	23 35	1 2	23 3	0 17	16 8	1 28	17 56	0 15	20 26	1 36	11 38	16 30	11 3	11 32	15 20	8 8	1 3	T 28
F 29	13 29	5 51	1s 1	20 29	1 53	18 35	0 4	23 41	1 2	23 3	0 17	16 8	1 28	17 57	0 15	20 26	1 36	11 38	16 30	11 3	11 33	15 22	8 7	1 3	F 29
S 30	13 49	0s58	2 14	20 56	1 59	18 56	0 6	23 46	1 3	23 3	0 17	16 8	1 28	17 58	0 15	20 26	1 36	11 37	16 30	11 4	11 34	15 25	8 6	1 3	S 30
S 31	14s 8	7s53	3s19	21s21	2s 4	19s17	0s 9	23s51	1s 3	23n 3	0s17	16s 7	1s28	17s59	0n15	20n26	1s36	11n36	16n31	11s 6	11s35	15n28	8n 5	1n 3	S 31

Julian Day Number = 2352472.5, Delta T = 11.03 sec
Ecliptic obliquity = 23°28'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'13, Lahiri = 20°04'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

NOVEMBER 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 53	8♏49'11	27♎24	27♏40	26♏39	17♐20	6°R 4	20♒19	21♏46	10°R 8	9♎ 0	0°R59	29♒41	29♈36	18°R 4	M 1
T 2	2 45 50	9°49'24	12♏43	29° 4	27°54	18° 5	6♋ 2	20°20	21°50	10♊ 6	9° 2	0♓50	29°38	29°43	18♈ 1	T 2
W 3	2 49 46	10°49'39	27°58	0♐26	29° 8	18°50	6° 0	20°21	21°54	10° 5	9° 4	0°39	29°35	29°50	17°59	W 3
T 4	2 53 43	11°49'56	12♐57	1°48	0♐23	19°34	5°58	20°22	21°57	10° 4	9° 6	0°29	29°31	29°57	17°56	T 4
F 5	2 57 39	12°50'14	27°32	3° 9	1°38	20°19	5°56	20°23	22° 1	10° 2	9° 8	0°20	29°28	0♉ 3	17°53	F 5
S 6	3 1 36	13°50'34	11♑38	4°28	2°53	21° 4	5°53	20°25	22° 5	10° 1	9°10	0°14	29°25	0°10	17°51	S 6
S 7	3 5 33	14°50'55	25°13	5°47	4° 8	21°49	5°51	20°26	22° 8	9°59	9°12	0°10	29°22	0°17	17°48	S 7
M 8	3 9 29	15°51'17	8♒20	7° 4	5°22	22°34	5°48	20°27	22°12	9°58	9°14	0° 8	29°19	0°23	17°46	M 8
T 9	3 13 26	16°51'41	21° 2	8°19	6°37	23°19	5°45	20°29	22°16	9°56	9°16	0°D 8	29°16	0°30	17°44	T 9
W10	3 17 22	17°52'07	3♓24	9°33	7°52	24° 5	5°41	20°31	22°19	9°55	9°18	0°R 8	29°12	0°37	17°41	W10
T 11	3 21 19	18°52'33	15°31	10°45	9° 7	24°50	5°38	20°32	22°23	9°53	9°20	0° 8	29° 9	0°44	17°39	T 11
F 12	3 25 15	19°53'01	27°28	11°54	10°21	25°35	5°34	20°34	22°27	9°51	9°22	0° 5	29° 6	0°50	17°36	F 12
S 13	3 29 12	20°53'31	9♈19	13° 1	11°36	26°21	5°31	20°36	22°31	9°50	9°24	29♒59	29° 3	0°57	17°34	S 13
S 14	3 33 8	21°54'01	21° 9	14° 6	12°51	27° 6	5°27	20°38	22°34	9°48	9°26	29°50	29° 0	1° 4	17°32	S 14
M15	3 37 5	22°54'34	3♉ 0	15° 7	14° 6	27°51	5°22	20°40	22°38	9°47	9°27	29°39	28°56	1°10	17°30	M15
T 16	3 41 2	23°55'07	14°54	16° 5	15°20	28°37	5°18	20°42	22°42	9°45	9°29	29°25	28°53	1°17	17°28	T 16
W17	3 44 58	24°55'42	26°53	16°58	16°35	29°23	5°13	20°45	22°45	9°43	9°31	29°10	28°50	1°24	17°25	W17
T 18	3 48 55	25°56'19	8♊57	17°47	17°50	0♑ 8	5° 9	20°47	22°49	9°42	9°33	28°56	28°47	1°30	17°23	T 18
F 19	3 52 51	26°56'57	21° 9	18°31	19° 4	0°54	5° 4	20°50	22°53	9°40	9°35	28°42	28°44	1°37	17°21	F 19
S 20	3 56 48	27°57'37	3♋28	19° 9	20°19	1°40	4°59	20°52	22°57	9°39	9°36	28°31	28°41	1°44	17°19	S 20
S 21	4 0 44	28°58'18	15°56	19°41	21°34	2°25	4°53	20°55	23° 0	9°37	9°38	28°23	28°37	1°51	17°17	S 21
M22	4 4 41	29°59'01	28°36	20° 5	22°48	3°11	4°48	20°58	23° 4	9°35	9°40	28°18	28°34	1°57	17°15	M22
T 23	4 8 37	0♐59'45	11♌30	20°21	24° 3	3°57	4°42	21° 1	23° 8	9°34	9°41	28°15	28°31	2° 4	17°13	T 23
W24	4 12 34	2° 0'31	24°40	20°R28	25°18	4°43	4°37	21° 4	23°11	9°32	9°43	28°15	28°28	2°11	17°12	W24
T 25	4 16 31	3° 1'19	8♍10	20°26	26°33	5°29	4°31	21° 7	23°15	9°30	9°45	28°15	28°25	2°17	17°10	T 25
F 26	4 20 27	4° 2'08	22° 2	20°13	27°47	6°15	4°25	21°10	23°19	9°28	9°46	28°14	28°22	2°24	17° 8	F 26
S 27	4 24 24	5° 2'58	6♎18	19°50	29° 2	7° 1	4°19	21°13	23°22	9°27	9°48	28°11	28°18	2°31	17° 6	S 27
S 28	4 28 20	6° 3'50	20°55	19°15	0♑16	7°47	4°12	21°17	23°26	9°25	9°49	28° 6	28°15	2°38	17° 5	S 28
M29	4 32 17	7° 4'43	5♏50	18°29	1°31	8°33	4° 6	21°20	23°30	9°23	9°51	27°57	28°12	2°44	17° 3	M29
T 30	4 36 13	8♐ 5'38	20♏55	17♐33	2♑46	9♑20	3♋59	21♒24	23♏33	9♊22	9♎52	27♒47	28♒ 9	2♉51	17♈ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s28	14s29	4s12	21s45	2s 8	19s37	0s11	23s55	1s 3	23n 3	0s17	16s 7	1s28	18s 0	0n15	20n26	1s36	11n36	16n31	11s 8	11s36	15n31	8n 4	1n 3
T 2	14 47	20 14	4 47	22 8	2 13	19 57	0 14	24 0	1 4	23 3	0 17	16 7	1 27	18 0	0 15	20 25	1 36	11 35	16 31	11 12	11 37	15 34	8 3	1 3
W 3	15 6	24 38	5 2	22 30	2 17	20 16	0 17	24 4	1 4	23 4	0 17	16 6	1 27	18 1	0 15	20 25	1 36	11 35	16 32	11 16	11 38	15 36	8 2	1 3
T 4	15 25	27 16	4 55	22 51	2 21	20 34	0 19	24 8	1 4	23 4	0 17	16 6	1 27	18 2	0 15	20 25	1 36	11 34	16 32	11 19	11 39	15 39	8 0	1 2
F 5	15 43	27 56	4 29	23 11	2 24	20 52	0 22	24 12	1 5	23 4	0 17	16 6	1 27	18 3	0 15	20 25	1 36	11 34	16 32	11 22	11 41	15 42	7 59	1 2
S 6	16 1	26 44	3 47	23 29	2 28	21 10	0 24	24 15	1 5	23 4	0 17	16 5	1 27	18 4	0 15	20 24	1 36	11 33	16 33	11 25	11 42	15 45	7 58	1 2
S 7	16 19	23 58	2 54	23 46	2 31	21 27	0 27	24 18	1 5	23 4	0 16	16 5	1 27	18 5	0 15	20 24	1 36	11 33	16 33	11 26	11 43	15 48	7 57	1 2
M 8	16 37	20 2	1 53	24 2	2 33	21 43	0 29	24 21	1 5	23 5	0 16	16 4	1 27	18 6	0 15	20 24	1 36	11 32	16 33	11 26	11 44	15 50	7 56	1 2
T 9	16 54	15 16	0 48	24 17	2 35	21 58	0 32	24 24	1 6	23 5	0 16	16 3	1 27	18 7	0 15	20 24	1 36	11 32	16 34	11 26	11 45	15 53	7 55	1 2
W10	17 11	10 1	0n17	24 30	2 36	22 13	0 34	24 26	1 6	23 5	0 16	16 3	1 27	18 8	0 15	20 23	1 36	11 32	16 34	11 26	11 46	15 56	7 54	1 2
T 11	17 28	4 29	1 20	24 41	2 37	22 27	0 37	24 29	1 6	23 5	0 16	16 2	1 27	18 9	0 15	20 23	1 36	11 31	16 34	11 27	11 47	15 59	7 53	1 2
F 12	17 44	1n 7	2 19	24 51	2 38	22 41	0 39	24 31	1 6	23 6	0 16	16 2	1 27	18 10	0 15	20 23	1 36	11 31	16 35	11 28	11 48	16 2	7 52	1 2
S 13	18 0	6 38	3 11	25 0	2 37	22 54	0 42	24 32	1 7	23 6	0 16	16 1	1 27	18 11	0 15	20 23	1 36	11 30	16 35	11 30	11 49	16 4	7 51	1 1
S 14	18 16	11 53	3 55	25 7	2 37	23 6	0 44	24 33	1 7	23 6	0 16	16 0	1 26	18 12	0 15	20 22	1 36	11 30	16 35	11 33	11 51	16 7	7 50	1 1
M15	18 32	16 43	4 28	25 13	2 35	23 18	0 47	24 35	1 7	23 6	0 16	15 59	1 26	18 13	0 15	20 22	1 36	11 30	16 36	11 37	11 52	16 10	7 49	1 1
T 16	18 47	20 57	4 50	25 17	2 32	23 29	0 49	24 35	1 7	23 7	0 16	15 59	1 26	18 14	0 15	20 22	1 36	11 29	16 36	11 42	11 53	16 13	7 48	1 1
W17	19 2	24 20	4 59	25 19	2 29	23 39	0 51	24 36	1 7	23 7	0 16	15 58	1 26	18 15	0 15	20 22	1 36	11 29	16 37	11 47	11 54	16 15	7 47	1 1
T 18	19 16	26 41	4 55	25 19	2 25	23 49	0 54	24 36	1 8	23 7	0 15	15 57	1 26	18 16	0 15	20 21	1 36	11 29	16 37	11 52	11 55	16 18	7 46	1 1
F 19	19 30	27 47	4 37	25 18	2 20	23 57	0 56	24 36	1 8	23 7	0 15	15 56	1 26	18 17	0 15	20 21	1 36	11 28	16 37	11 57	11 56	16 21	7 46	1 1
S 20	19 44	27 32	4 6	25 15	2 13	24 5	0 58	24 36	1 8	23 8	0 15	15 55	1 26	18 18	0 15	20 21	1 36	11 28	16 38	12 0	11 57	16 24	7 45	1 1
S 21	19 58	25 53	3 23	25 10	2 6	24 13	1 1	24 35	1 8	23 8	0 15	15 54	1 26	18 19	0 15	20 21	1 36	11 28	16 38	12 3	11 58	16 26	7 44	1 0
M22	20 11	22 55	2 30	25 3	1 57	24 20	1 3	24 35	1 8	23 8	0 15	15 53	1 26	18 20	0 15	20 20	1 36	11 28	16 39	12 5	11 59	16 29	7 43	1 0
T 23	20 23	18 45	1 27	24 54	1 47	24 25	1 5	24 34	1 8	23 9	0 15	15 52	1 26	18 21	0 15	20 20	1 36	11 27	16 39	12 6	12 0	16 32	7 42	1 0
W24	20 36	13 37	0 19	24 43	1 35	24 31	1 7	24 32	1 9	23 9	0 15	15 51	1 26	18 21	0 15	20 20	1 36	11 27	16 40	12 6	12 2	16 35	7 41	1 0
T 25	20 48	7 43	0s52	24 30	1 22	24 35	1 9	24 31	1 9	23 9	0 15	15 50	1 26	18 22	0 15	20 20	1 36	11 27	16 40	12 6	12 3	16 37	7 40	1 0
F 26	20 59	1 18	2 2	24 14	1 7	24 39	1 11	24 29	1 9	23 10	0 15	15 49	1 26	18 23	0 15	20 19	1 36	11 27	16 41	12 6	12 4	16 40	7 40	1 0
S 27	21 10	5s21	3 6	23 56	0 51	24 42	1 13	24 26	1 9	23 10	0 14	15 48	1 25	18 24	0 15	20 19	1 36	11 27	16 41	12 7	12 5	16 43	7 39	1 0
S 28	21 21	11 53	4 0	23 36	0 34	24 44	1 15	24 24	1 9	23 10	0 14	15 47	1 25	18 25	0 15	20 19	1 36	11 26	16 41	12 9	12 6	16 45	7 38	1 0
M29	21 32	17 52	4 39	23 14	0 15	24 45	1 17	24 21	1 9	23 11	0 14	15 45	1 25	18 26	0 15	20 19	1 36	11 26	16 42	12 12	12 7	16 48	7 37	0 59
T 30	21s42	22s48	4s58	22s49	0n 4	24s46	1s19	24s18	1s 9	23n11	0s14	15s44	1s25	18s27	0n15	20n18	1s36	11n26	16n42	12s16	12s 8	16n51	7n37	0n59

Julian Day Number = 2352503.5, Delta T = 11.04 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'17, Lahiri = 20°04'18Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1728
geocentric

DECEMBER 1728 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 10	9♐ 6'34	6♐ 0	16°R27	4♑ 0	10♑ 6	3°R53	21♒27	23♏37	9°R20	9♎54	27°R35	28♒ 6	2♉58	17°R 0	W 1
T 2	4 44 6	10° 7'31	20°56	15♐14	5°15	10°52	3♋46	21°31	23°41	9♊18	9°55	27♒24	28° 2	3° 4	16♈58	T 2
F 3	4 48 3	11° 8'29	5♑33	13°54	6°30	11°39	3°39	21°35	23°44	9°17	9°57	27°14	27°59	3°11	16°57	F 3
S 4	4 52 0	12° 9'28	19°43	12°32	7°44	12°25	3°32	21°39	23°48	9°15	9°58	27° 6	27°56	3°18	16°56	S 4
S 5	4 55 56	13°10'28	3♒25	11° 9	8°59	13°12	3°25	21°43	23°51	9°13	9°59	27° 2	27°53	3°25	16°54	S 5
M 6	4 59 53	14°11'28	16°39	9°49	10°13	13°58	3°17	21°47	23°55	9°12	10° 0	26°59	27°50	3°31	16°53	M 6
T 7	5 3 49	15°12'29	29°26	8°33	11°28	14°45	3°10	21°51	23°59	9°10	10° 2	26°D59	27°47	3°38	16°52	T 7
W 8	5 7 46	16°13'30	11♓51	7°25	12°43	15°31	3° 2	21°55	24° 2	9° 8	10° 3	26°R59	27°43	3°45	16°51	W 8
T 9	5 11 42	17°14'32	24° 0	6°26	13°57	16°18	2°55	22° 0	24° 6	9° 6	10° 4	26°59	27°40	3°51	16°50	T 9
F 10	5 15 39	18°15'34	5♈58	5°37	15°12	17° 4	2°47	22° 4	24° 9	9° 5	10° 5	26°57	27°37	3°58	16°49	F 10
S 11	5 19 36	19°16'37	17°49	5° 0	16°26	17°51	2°40	22° 9	24°13	9° 3	10° 6	26°53	27°34	4° 5	16°48	S 11
S 12	5 23 32	20°17'40	29°39	4°33	17°41	18°38	2°32	22°13	24°16	9° 1	10° 8	26°47	27°31	4°12	16°47	S 12
M13	5 27 29	21°18'44	11♉31	4°17	18°55	19°25	2°24	22°18	24°19	9° 0	10° 9	26°38	27°28	4°18	16°46	M13
T 14	5 31 25	22°19'49	23°29	4°D12	20° 9	20°11	2°16	22°22	24°23	8°58	10°10	26°26	27°24	4°25	16°45	T 14
W15	5 35 22	23°20'53	5♊35	4°17	21°24	20°58	2° 8	22°27	24°26	8°56	10°11	26°14	27°21	4°32	16°44	W15
T 16	5 39 18	24°21'59	17°50	4°31	22°38	21°45	2° 0	22°32	24°30	8°55	10°12	26° 2	27°18	4°38	16°44	T 16
F 17	5 43 15	25°23'05	0♋15	4°53	23°53	22°32	1°52	22°37	24°33	8°53	10°13	25°50	27°15	4°45	16°43	F 17
S 18	5 47 11	26°24'11	12°50	5°23	25° 7	23°19	1°44	22°42	24°36	8°52	10°14	25°41	27°12	4°52	16°42	S 18
S 19	5 51 8	27°25'18	25°36	5°59	26°21	24° 6	1°36	22°47	24°40	8°50	10°14	25°34	27° 8	4°59	16°42	S 19
M20	5 55 5	28°26'25	8♌32	6°42	27°36	24°53	1°28	22°52	24°43	8°48	10°15	25°30	27° 5	5° 5	16°41	M20
T 21	5 59 1	29°27'33	21°40	7°30	28°50	25°40	1°20	22°57	24°46	8°47	10°16	25°D29	27° 2	5°12	16°41	T 21
W22	6 2 58	0♑28'41	5♍ 0	8°23	0♒ 4	26°27	1°12	23° 3	24°49	8°45	10°17	25°29	26°59	5°19	16°41	W22
T 23	6 6 54	1°29'50	18°34	9°20	1°18	27°14	1° 3	23° 8	24°52	8°44	10°18	25°30	26°56	5°25	16°40	T 23
F 24	6 10 51	2°31'00	2♎22	10°20	2°33	28° 1	0°55	23°14	24°56	8°42	10°18	25°R31	26°53	5°32	16°40	F 24
S 25	6 14 47	3°32'10	16°26	11°24	3°47	28°48	0°47	23°19	24°59	8°41	10°19	25°30	26°49	5°39	16°40	S 25
S 26	6 18 44	4°33'20	0♏45	12°31	5° 1	29°35	0°39	23°25	25° 2	8°39	10°20	25°27	26°46	5°46	16°40	S 26
M27	6 22 40	5°34'31	15°16	13°41	6°15	0♒22	0°31	23°30	25° 5	8°38	10°20	25°22	26°43	5°52	16°D40	M27
T 28	6 26 37	6°35'43	29°55	14°52	7°29	1° 9	0°23	23°36	25° 8	8°36	10°21	25°15	26°40	5°59	16°40	T 28
W29	6 30 34	7°36'55	14♐35	16° 6	8°43	1°57	0°15	23°42	25°11	8°35	10°21	25° 7	26°37	6° 6	16°40	W29
T 30	6 34 30	8°38'07	29° 9	17°22	9°57	2°44	0° 7	23°47	25°14	8°33	10°22	24°59	26°34	6°12	16°40	T 30
F 31	6 38 27	9♑39'19	13♑30	18♐39	11♒11	3♒31	29♊59	23♒53	25♏17	8♊32	10♎22	24♒52	26♒30	6♉19	16♈40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s51	26s13	4s57	22s23	0n25	24s46	1s21	24s15	1s 9	23n11	0s14	15s43	1s25	18s28	0n15	20n18	1s36	11n26	16n43	12s20	12s 9	16n53	7n36	0n59
T 2	22 0	27 45	4 36	21 55	0 45	24 45	1 23	24 11	1 10	23 11	0 14	15 42	1 25	18 29	0 15	20 18	1 36	11 26	16 43	12 24	12 10	16 56	7 35	0 59
F 3	22 9	27 18	3 57	21 26	1 5	24 43	1 24	24 7	1 10	23 12	0 14	15 40	1 25	18 30	0 15	20 18	1 36	11 26	16 44	12 27	12 11	16 59	7 35	0 59
S 4	22 17	25 3	3 4	20 56	1 24	24 41	1 26	24 3	1 10	23 12	0 14	15 39	1 25	18 31	0 15	20 17	1 36	11 26	16 44	12 30	12 13	17 2	7 34	0 59
S 5	22 25	21 23	2 1	20 27	1 43	24 38	1 28	23 59	1 10	23 12	0 14	15 38	1 25	18 32	0 15	20 17	1 36	11 26	16 45	12 31	12 14	17 4	7 33	0 59
M 6	22 32	16 44	0 55	20 0	1 59	24 34	1 29	23 54	1 10	23 13	0 13	15 36	1 25	18 32	0 15	20 17	1 36	11 26	16 45	12 32	12 15	17 7	7 33	0 59
T 7	22 39	11 29	0n13	19 34	2 14	24 29	1 31	23 49	1 10	23 13	0 13	15 35	1 25	18 33	0 15	20 17	1 36	11 26	16 46	12 32	12 16	17 10	7 32	0 58
W 8	22 46	5 55	1 18	19 11	2 26	24 24	1 32	23 44	1 10	23 13	0 13	15 33	1 25	18 34	0 15	20 17	1 36	11 26	16 47	12 32	12 17	17 12	7 32	0 58
T 9	22 52	0 16	2 18	18 52	2 36	24 18	1 34	23 38	1 10	23 14	0 13	15 32	1 25	18 35	0 15	20 16	1 36	11 26	16 47	12 32	12 18	17 15	7 31	0 58
F 10	22 57	5n18	3 11	18 36	2 43	24 11	1 35	23 33	1 10	23 14	0 13	15 31	1 25	18 36	0 15	20 16	1 36	11 26	16 48	12 33	12 19	17 17	7 31	0 58
S 11	23 3	10 38	3 56	18 24	2 49	24 3	1 36	23 26	1 10	23 14	0 13	15 29	1 25	18 37	0 15	20 16	1 36	11 26	16 48	12 34	12 20	17 20	7 30	0 58
S 12	23 7	15 34	4 30	18 16	2 52	23 55	1 38	23 20	1 10	23 15	0 13	15 27	1 24	18 38	0 15	20 16	1 36	11 26	16 49	12 36	12 21	17 23	7 30	0 58
M13	23 11	19 56	4 52	18 11	2 54	23 46	1 39	23 14	1 10	23 15	0 12	15 26	1 24	18 38	0 15	20 15	1 36	11 26	16 49	12 40	12 22	17 25	7 29	0 58
T 14	23 15	23 32	5 2	18 11	2 53	23 36	1 40	23 7	1 10	23 15	0 12	15 24	1 24	18 39	0 15	20 15	1 36	11 26	16 50	12 43	12 24	17 28	7 29	0 58
W15	23 19	26 10	4 58	18 13	2 52	23 26	1 41	23 0	1 10	23 15	0 12	15 23	1 24	18 40	0 15	20 15	1 36	11 26	16 50	12 48	12 25	17 31	7 28	0 57
T 16	23 21	27 35	4 41	18 19	2 49	23 15	1 42	22 52	1 10	23 16	0 12	15 21	1 24	18 41	0 15	20 15	1 36	11 26	16 51	12 52	12 26	17 33	7 28	0 57
F 17	23 24	27 39	4 10	18 27	2 45	23 3	1 43	22 45	1 10	23 16	0 12	15 19	1 24	18 42	0 15	20 14	1 36	11 27	16 51	12 56	12 27	17 36	7 28	0 57
S 18	23 26	26 17	3 27	18 37	2 40	22 50	1 43	22 37	1 10	23 16	0 12	15 18	1 24	18 43	0 15	20 14	1 36	11 27	16 52	12 59	12 28	17 39	7 27	0 57
S 19	23 27	23 33	2 33	18 49	2 34	22 37	1 44	22 28	1 10	23 16	0 12	15 16	1 24	18 43	0 15	20 14	1 36	11 27	16 53	13 1	12 29	17 41	7 27	0 57
M20	23 28	19 36	1 29	19 2	2 27	22 23	1 45	22 20	1 10	23 17	0 12	15 14	1 24	18 44	0 15	20 14	1 36	11 27	16 53	13 2	12 30	17 44	7 27	0 57
T 21	23 29	14 38	0 20	19 17	2 21	22 9	1 45	22 11	1 10	23 17	0 11	15 12	1 24	18 45	0 15	20 14	1 36	11 27	16 54	13 3	12 31	17 46	7 26	0 57
W22	23 29	8 54	0s51	19 33	2 13	21 54	1 46	22 2	1 10	23 17	0 11	15 11	1 24	18 46	0 15	20 13	1 36	11 28	16 54	13 3	12 32	17 49	7 26	0 56
T 23	23 28	2 41	2 1	19 49	2 6	21 38	1 46	21 53	1 10	23 17	0 11	15 9	1 24	18 47	0 15	20 13	1 36	11 28	16 55	13 2	12 33	17 52	7 26	0 56
F 24	23 27	3s46	3 5	20 6	1 58	21 21	1 47	21 44	1 10	23 17	0 11	15 7	1 24	18 47	0 15	20 13	1 36	11 28	16 55	13 2	12 34	17 54	7 26	0 56
S 25	23 26	10 9	3 59	20 23	1 49	21 4	1 47	21 34	1 10	23 18	0 11	15 5	1 24	18 48	0 15	20 13	1 36	11 28	16 56	13 2	12 35	17 57	7 25	0 56
S 26	23 24	16 6	4 39	20 40	1 41	20 47	1 47	21 24	1 10	23 18	0 11	15 3	1 24	18 49	0 15	20 12	1 35	11 29	16 57	13 3	12 37	17 59	7 25	0 56
M27	23 22	21 15	5 2	20 57	1 33	20 28	1 47	21 14	1 9	23 18	0 11	15 1	1 24	18 50	0 15	20 12	1 35	11 29	16 57	13 5	12 38	18 2	7 25	0 56
T 28	23 19	25 8	5 6	21 13	1 24	20 9	1 47	21 4	1 9	23 18	0 10	14 59	1 24	18 50	0 15	20 12	1 35	11 29	16 58	13 7	12 39	18 4	7 25	0 56
W29	23 15	27 23	4 50	21 30	1 16	19 50	1 47	20 53	1 9	23 18	0 10	14 58	1 24	18 51	0 15	20 12	1 35	11 30	16 58	13 10	12 40	18 7	7 25	0 56
T 30	23 12	27 43	4 15	21 45	1 7	19 30	1 47	20 42	1 9	23 19	0 10	14 56	1 24	18 52	0 15	20 12	1 35	11 30	16 59	13 13	12 41	18 9	7 25	0 55
F 31	23s 7	26s10	3s24	22s 1	0n59	19s10	1s47	20s31	1s 9	23n19	0s10	14s54	1s24	18s52	0n15	20n12	1s35	11n30	16n59	13s15	12s42	18n12	7n25	0n55

Julian Day Number = 2352533.5, Delta T = 11.05 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'21, Lahiri = 20°04'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

JANUARY 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 23	10♑40'30	27♑32	19♐58	12♒25	4♒18	29°R51	23♒59	25♏20	8°R31	10♎23	24°R47	26♒27	6♉26	16♈40	S 1
S 2	6 46 20	11°41'42	11♒10	21°18	13°39	5° 6	29♊43	24° 5	25°23	8♊29	10°23	24♒44	26°24	6°33	16°41	S 2
M 3	6 50 16	12°42'53	24°24	22°39	14°53	5°53	29°35	24°11	25°25	8°28	10°23	24°D43	26°21	6°39	16°41	M 3
T 4	6 54 13	13°44'04	7♓15	24° 1	16° 7	6°40	29°28	24°17	25°28	8°27	10°24	24°44	26°18	6°46	16°42	T 4
W 5	6 58 10	14°45'15	19°45	25°24	17°21	7°28	29°20	24°23	25°31	8°25	10°24	24°46	26°14	6°53	16°42	W 5
T 6	7 2 6	15°46'24	1♈57	26°48	18°35	8°15	29°13	24°29	25°34	8°24	10°24	24°47	26°11	6°59	16°43	T 6
F 7	7 6 3	16°47'34	13°58	28°13	19°48	9° 2	29° 5	24°36	25°36	8°23	10°24	24°R48	26° 8	7° 6	16°43	F 7
S 8	7 9 59	17°48'43	25°51	29°39	21° 2	9°50	28°58	24°42	25°39	8°21	10°25	24°48	26° 5	7°13	16°44	S 8
S 9	7 13 56	18°49'51	7♉42	1♑ 5	22°16	10°37	28°50	24°48	25°42	8°20	10°25	24°46	26° 2	7°20	16°45	S 9
M10	7 17 52	19°50'58	19°36	2°32	23°29	11°24	28°43	24°55	25°44	8°19	10°25	24°42	25°59	7°26	16°45	M10
T 11	7 21 49	20°52'05	1♊37	4° 0	24°43	12°12	28°36	25° 1	25°47	8°18	10°25	24°37	25°55	7°33	16°46	T 11
W12	7 25 45	21°53'12	13°48	5°29	25°56	12°59	28°29	25° 8	25°49	8°17	10°R25	24°31	25°52	7°40	16°47	W12
T 13	7 29 42	22°54'17	26°11	6°58	27°10	13°46	28°23	25°14	25°52	8°16	10°25	24°25	25°49	7°46	16°48	T 13
F 14	7 33 39	23°55'22	8♋49	8°27	28°23	14°34	28°16	25°21	25°54	8°15	10°25	24°20	25°46	7°53	16°49	F 14
S 15	7 37 35	24°56'27	21°41	9°58	29°37	15°21	28° 9	25°27	25°56	8°13	10°25	24°16	25°43	8° 0	16°50	S 15
S 16	7 41 32	25°57'30	4♌48	11°29	0♓50	16° 9	28° 3	25°34	25°59	8°12	10°25	24°13	25°40	8° 7	16°51	S 16
M17	7 45 28	26°58'33	18° 8	13° 0	2° 3	16°56	27°57	25°40	26° 1	8°11	10°25	24°D11	25°36	8°13	16°52	M17
T 18	7 49 25	27°59'36	1♍41	14°32	3°16	17°44	27°51	25°47	26° 3	8°10	10°24	24°11	25°33	8°20	16°54	T 18
W19	7 53 21	29° 0'38	15°24	16° 5	4°29	18°31	27°45	25°54	26° 5	8°10	10°24	24°12	25°30	8°27	16°55	W19
T 20	7 57 18	0♒ 1'39	29°15	17°38	5°42	19°18	27°39	26° 1	26° 7	8° 9	10°24	24°14	25°27	8°33	16°56	T 20
F 21	8 1 14	1° 2'39	13♎15	19°12	6°55	20° 6	27°33	26° 7	26°10	8° 8	10°24	24°15	25°24	8°40	16°58	F 21
S 22	8 5 11	2° 3'40	27°21	20°47	8° 8	20°53	27°27	26°14	26°12	8° 7	10°23	24°R16	25°20	8°47	16°59	S 22
S 23	8 9 8	3° 4'39	11♏32	22°22	9°21	21°41	27°22	26°21	26°14	8° 6	10°23	24°16	25°17	8°54	17° 0	S 23
M24	8 13 4	4° 5'38	25°45	23°58	10°34	22°28	27°17	26°28	26°16	8° 5	10°23	24°15	25°14	9° 0	17° 2	M24
T 25	8 17 1	5° 6'37	9♐59	25°34	11°47	23°15	27°12	26°35	26°17	8° 4	10°22	24°13	25°11	9° 7	17° 4	T 25
W26	8 20 57	6° 7'35	24°10	27°11	12°59	24° 3	27° 7	26°42	26°19	8° 4	10°22	24°10	25° 8	9°14	17° 5	W26
T 27	8 24 54	7° 8'32	8♑14	28°49	14°12	24°50	27° 2	26°49	26°21	8° 3	10°21	24° 8	25° 5	9°20	17° 7	T 27
F 28	8 28 50	8° 9'28	22° 7	0♒28	15°24	25°38	26°58	26°56	26°23	8° 2	10°21	24° 6	25° 1	9°27	17° 9	F 28
S 29	8 32 47	9°10'23	5♒46	2° 7	16°37	26°25	26°53	27° 3	26°25	8° 2	10°20	24° 4	24°58	9°34	17°11	S 29
S 30	8 36 43	10°11'17	19° 8	3°47	17°49	27°13	26°49	27°10	26°26	8° 1	10°20	24°D 4	24°55	9°41	17°12	S 30
M31	8 40 40	11♒12'10	2♓12	5♒27	19♓ 1	28♒ 0	26♊45	27♒17	26♏28	8♊ 0	10♎19	24♒ 4	24♒52	9♉47	17♈14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	23s 0	2s22	22s15	0n51	18s49	1s47	20s20	1s 9	23n19	0s10	14s52	1s24	18s53	0n15	20n11	1s35	11n31	17n 0	13s17	12s43	18n15	7n25	0n55
S 2	22 58	18 37	1 13	22 29	0 42	18 27	1 46	20 8	1 9	23 19	0 10	14 50	1 24	18 54	0 15	20 11	1 35	11 31	17 1	13 18	12 44	18 17	7 25	0 55
M 3	22 52	13 26	0 2	22 42	0 34	18 5	1 46	19 56	1 9	23 19	0 9	14 48	1 23	18 54	0 15	20 11	1 35	11 31	17 1	13 18	12 45	18 20	7 25	0 55
T 4	22 46	7 49	1n 7	22 55	0 26	17 42	1 45	19 44	1 8	23 19	0 9	14 46	1 23	18 55	0 15	20 11	1 35	11 32	17 2	13 18	12 46	18 22	7 25	0 55
W 5	22 40	2 3	2 12	23 6	0 18	17 19	1 45	19 32	1 8	23 19	0 9	14 43	1 23	18 56	0 15	20 11	1 35	11 32	17 2	13 17	12 47	18 25	7 25	0 55
T 6	22 33	3n39	3 8	23 16	0 10	16 56	1 44	19 20	1 8	23 19	0 9	14 41	1 23	18 56	0 15	20 10	1 35	11 33	17 3	13 17	12 48	18 27	7 25	0 55
F 7	22 25	9 8	3 56	23 26	0 2	16 32	1 43	19 7	1 8	23 20	0 9	14 39	1 23	18 57	0 15	20 10	1 35	11 33	17 4	13 17	12 50	18 30	7 25	0 54
S 8	22 17	14 14	4 33	23 34	0s 6	16 8	1 42	18 54	1 8	23 20	0 9	14 37	1 23	18 58	0 15	20 10	1 35	11 34	17 4	13 17	12 51	18 32	7 25	0 54
S 9	22 9	18 47	4 58	23 41	0 13	15 43	1 42	18 41	1 8	23 20	0 9	14 35	1 23	18 58	0 15	20 10	1 35	11 34	17 5	13 17	12 52	18 35	7 25	0 54
M10	22 0	22 38	5 10	23 48	0 20	15 18	1 40	18 28	1 7	23 20	0 8	14 33	1 23	18 59	0 15	20 10	1 35	11 35	17 5	13 19	12 53	18 37	7 26	0 54
T 11	21 51	25 33	5 9	23 53	0 28	14 52	1 39	18 14	1 7	23 20	0 8	14 31	1 23	18 59	0 15	20 10	1 35	11 35	17 6	13 20	12 54	18 40	7 26	0 54
W12	21 42	27 21	4 54	23 56	0 35	14 26	1 38	18 1	1 7	23 20	0 8	14 28	1 23	19 0	0 15	20 10	1 35	11 36	17 7	13 22	12 55	18 42	7 26	0 54
T 13	21 32	27 50	4 25	23 59	0 41	13 59	1 37	17 47	1 7	23 20	0 8	14 26	1 23	19 1	0 15	20 9	1 35	11 36	17 7	13 24	12 56	18 45	7 26	0 54
F 14	21 21	26 53	3 43	24 0	0 48	13 33	1 36	17 33	1 7	23 20	0 8	14 24	1 23	19 1	0 15	20 9	1 35	11 37	17 8	13 26	12 57	18 47	7 26	0 53
S 15	21 11	24 30	2 48	24 0	0 54	13 6	1 34	17 19	1 6	23 20	0 8	14 22	1 23	19 2	0 15	20 9	1 35	11 37	17 8	13 27	12 58	18 50	7 27	0 53
S 16	20 59	20 47	1 44	23 59	1 0	12 38	1 33	17 4	1 6	23 20	0 7	14 20	1 23	19 2	0 15	20 9	1 35	11 38	17 9	13 28	12 59	18 52	7 27	0 53
M17	20 48	15 56	0 33	23 56	1 6	12 11	1 31	16 50	1 6	23 20	0 7	14 17	1 23	19 3	0 15	20 9	1 35	11 39	17 9	13 29	13 0	18 55	7 27	0 53
T 18	20 36	10 15	0s41	23 53	1 12	11 42	1 29	16 35	1 6	23 20	0 7	14 15	1 23	19 3	0 15	20 9	1 35	11 39	17 10	13 29	13 1	18 57	7 28	0 53
W19	20 23	4 1	1 54	23 47	1 18	11 14	1 27	16 20	1 5	23 20	0 7	14 13	1 23	19 4	0 15	20 9	1 35	11 40	17 11	13 28	13 2	19 0	7 28	0 53
T 20	20 11	2s28	3 1	23 41	1 23	10 46	1 26	16 5	1 5	23 20	0 7	14 10	1 23	19 4	0 15	20 9	1 34	11 40	17 11	13 28	13 4	19 2	7 28	0 53
F 21	19 57	8 53	3 58	23 33	1 28	10 17	1 24	15 50	1 5	23 21	0 7	14 8	1 23	19 5	0 15	20 9	1 34	11 41	17 12	13 27	13 5	19 4	7 29	0 53
S 22	19 44	14 54	4 41	23 23	1 32	9 47	1 22	15 35	1 5	23 21	0 7	14 6	1 23	19 5	0 15	20 9	1 34	11 42	17 12	13 27	13 6	19 7	7 29	0 52
S 23	19 30	20 11	5 7	23 13	1 37	9 18	1 19	15 19	1 4	23 21	0 6	14 3	1 23	19 6	0 15	20 8	1 34	11 42	17 13	13 27	13 7	19 9	7 30	0 52
M24	19 16	24 19	5 15	23 0	1 41	8 48	1 17	15 3	1 4	23 21	0 6	14 1	1 23	19 6	0 15	20 8	1 34	11 43	17 13	13 28	13 8	19 12	7 30	0 52
T 25	19 1	26 59	5 3	22 47	1 45	8 19	1 15	14 47	1 4	23 21	0 6	13 59	1 23	19 7	0 15	20 8	1 34	11 44	17 14	13 28	13 9	19 14	7 31	0 52
W26	18 46	27 54	4 33	22 31	1 48	7 49	1 13	14 31	1 3	23 21	0 6	13 56	1 23	19 7	0 15	20 8	1 34	11 44	17 15	13 29	13 10	19 17	7 31	0 52
T 27	18 31	26 59	3 47	22 15	1 52	7 18	1 10	14 15	1 3	23 21	0 6	13 54	1 23	19 8	0 15	20 8	1 34	11 45	17 15	13 30	13 11	19 19	7 32	0 52
F 28	18 15	24 25	2 47	21 57	1 54	6 48	1 8	13 59	1 3	23 21	0 6	13 52	1 23	19 8	0 15	20 8	1 34	11 46	17 16	13 31	13 12	19 21	7 32	0 52
S 29	17 59	20 28	1 39	21 37	1 57	6 17	1 5	13 42	1 2	23 21	0 6	13 49	1 23	19 8	0 15	20 8	1 34	11 46	17 16	13 31	13 13	19 24	7 33	0 52
S 30	17 43	15 32	0 27	21 16	1 59	5 47	1 2	13 26	1 2	23 21	0 5	13 47	1 23	19 9	0 15	20 8	1 34	11 47	17 17	13 31	13 14	19 26	7 34	0 51
M31	17s26	10s 0	0n45	20s54	2s 1	5s16	1s 0	13s 9	1s 2	23n21	0s 5	13s44	1s23	19s 9	0n15	20n 8	1s34	11n48	17n17	13s31	13s15	19n29	7n34	0n51

Julian Day Number = 2352564.5, Delta T = 11.06 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'25, Lahiri = 20°04'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

FEBRUARY 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 37	12♒13'01	14♓58	7♒ 9	20♓14	28♒47	26°R41	27♒24	26♏29	8°R 0	10°R18	24♒ 4	24♒49	9♉54	17♈16	T 1
W 2	8 48 33	13°13'52	27°27	8°51	21°26	29°35	26♊38	27°31	26°31	7♊59	10♎18	24° 5	24°46	10° 1	17°18	W 2
T 3	8 52 30	14°14'40	9♈41	10°34	22°38	0♓22	26°34	27°39	26°32	7°59	10°17	24° 6	24°42	10° 7	17°20	T 3
F 4	8 56 26	15°15'27	21°43	12°17	23°50	1° 9	26°31	27°46	26°34	7°58	10°16	24° 7	24°39	10°14	17°22	F 4
S 5	9 0 23	16°16'13	3♉38	14° 2	25° 1	1°57	26°28	27°53	26°35	7°58	10°15	24° 8	24°36	10°21	17°25	S 5
S 6	9 4 19	17°16'57	15°30	15°47	26°13	2°44	26°25	28° 0	26°36	7°58	10°14	24°R 8	24°33	10°28	17°27	S 6
M 7	9 8 16	18°17'40	27°25	17°33	27°25	3°31	26°23	28° 7	26°38	7°57	10°14	24° 8	24°30	10°34	17°29	M 7
T 8	9 12 12	19°18'21	9♊25	19°20	28°36	4°19	26°20	28°14	26°39	7°57	10°13	24° 8	24°26	10°41	17°31	T 8
W 9	9 16 9	20°19'00	21°37	21° 8	29°48	5° 6	26°18	28°22	26°40	7°57	10°12	24° 7	24°23	10°48	17°34	W 9
T 10	9 20 6	21°19'38	4♋ 3	22°56	0♈59	5°53	26°16	28°29	26°41	7°56	10°11	24° 7	24°20	10°55	17°36	T 10
F 11	9 24 2	22°20'14	16°48	24°45	2°10	6°41	26°14	28°36	26°42	7°56	10°10	24° 7	24°17	11° 1	17°39	F 11
S 12	9 27 59	23°20'48	29°52	26°35	3°21	7°28	26°12	28°43	26°43	7°56	10° 9	24° 7	24°14	11° 8	17°41	S 12
S 13	9 31 55	24°21'21	13♌16	28°25	4°32	8°15	26°11	28°51	26°44	7°56	10° 8	24°D 6	24°11	11°15	17°44	S 13
M14	9 35 52	25°21'52	26°59	0♓16	5°43	9° 2	26°10	28°58	26°45	7°56	10° 7	24°R 7	24° 7	11°21	17°46	M14
T 15	9 39 48	26°22'21	10♍58	2° 8	6°54	9°49	26° 9	29° 5	26°46	7°56	10° 6	24° 6	24° 4	11°28	17°49	T 15
W16	9 43 45	27°22'49	25°11	4° 0	8° 5	10°36	26° 8	29°13	26°47	7°56	10° 5	24° 6	24° 1	11°35	17°51	W16
T 17	9 47 41	28°23'15	9♎31	5°52	9°15	11°24	26° 7	29°20	26°47	7°D56	10° 4	24° 6	23°58	11°42	17°54	T 17
F 18	9 51 38	29°23'40	23°55	7°45	10°25	12°11	26° 7	29°27	26°48	7°56	10° 3	24° 5	23°55	11°48	17°57	F 18
S 19	9 55 35	0♓24'04	8♏17	9°37	11°36	12°58	26° 6	29°34	26°49	7°56	10° 1	24° 5	23°51	11°55	17°59	S 19
S 20	9 59 31	1°24'26	22°35	11°29	12°46	13°45	26°D 6	29°42	26°49	7°56	10° 0	24° 4	23°48	12° 2	18° 2	S 20
M21	10 3 28	2°24'47	6♐45	13°20	13°56	14°32	26° 6	29°49	26°50	7°56	9°59	24°D 4	23°45	12° 8	18° 5	M21
T 22	10 7 24	3°25'07	20°45	15°11	15° 6	15°19	26° 7	29°56	26°50	7°56	9°58	24° 5	23°42	12°15	18° 8	T 22
W23	10 11 21	4°25'25	4♑34	17° 1	16°15	16° 6	26° 7	0♓ 4	26°50	7°56	9°56	24° 5	23°39	12°22	18°11	W23
T 24	10 15 17	5°25'42	18°11	18°49	17°25	16°53	26° 8	0°11	26°51	7°56	9°55	24° 6	23°36	12°29	18°14	T 24
F 25	10 19 14	6°25'57	1♒36	20°35	18°34	17°40	26° 9	0°18	26°51	7°57	9°54	24° 7	23°32	12°35	18°17	F 25
S 26	10 23 10	7°26'10	14°48	22°18	19°44	18°27	26°10	0°25	26°51	7°57	9°53	24° 8	23°29	12°42	18°20	S 26
S 27	10 27 7	8°26'22	27°47	23°59	20°53	19°14	26°11	0°33	26°51	7°57	9°51	24°R 8	23°26	12°49	18°23	S 27
M28	10 31 4	9♓26'32	10♓33	25♓37	22♈ 2	20♓ 0	26♊13	0♓40	26♏52	7♊58	9♎50	24♒ 8	23♒23	12♉56	18♈26	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s10	4s11	1n53	20s29	2s 3	4s45	0s57	12s52	1s 1	23n21	0s 5	13s42	1s23	19s 9	0n15	20n 8	1s34	11n49	17n18	13s31	13s16	19n31	7n35	0n51
W 2	16 52	1n39	2 54	20 4	2 4	4 14	0 54	12 35	1 1	23 21	0 5	13 39	1 23	19 10	0 15	20 8	1 34	11 49	17 18	13 31	13 17	19 33	7 36	0 51
T 3	16 35	7 19	3 47	19 37	2 4	3 43	0 51	12 18	1 1	23 21	0 5	13 37	1 23	19 10	0 15	20 8	1 34	11 50	17 19	13 30	13 18	19 36	7 36	0 51
F 4	16 17	12 37	4 28	19 8	2 5	3 11	0 48	12 1	1 0	23 21	0 5	13 35	1 24	19 10	0 15	20 8	1 34	11 51	17 19	13 30	13 19	19 38	7 37	0 51
S 5	15 59	17 24	4 57	18 38	2 5	2 40	0 45	11 44	1 0	23 21	0 4	13 32	1 24	19 11	0 15	20 8	1 34	11 52	17 20	13 30	13 21	19 41	7 38	0 51
S 6	15 41	21 30	5 13	18 6	2 4	2 8	0 42	11 27	1 0	23 21	0 4	13 30	1 24	19 11	0 15	20 8	1 34	11 52	17 20	13 30	13 22	19 43	7 38	0 51
M 7	15 22	24 44	5 16	17 33	2 3	1 37	0 38	11 9	0 59	23 21	0 4	13 27	1 24	19 11	0 15	20 8	1 33	11 53	17 21	13 30	13 23	19 45	7 39	0 50
T 8	15 3	26 56	5 6	16 58	2 2	1 5	0 35	10 52	0 59	23 22	0 4	13 25	1 24	19 12	0 15	20 8	1 33	11 54	17 21	13 30	13 24	19 48	7 40	0 50
W 9	14 44	27 53	4 41	16 22	2 0	0 34	0 32	10 34	0 59	23 22	0 4	13 22	1 24	19 12	0 15	20 8	1 33	11 55	17 22	13 30	13 25	19 50	7 41	0 50
T 10	14 25	27 28	4 3	15 44	1 57	0 2	0 28	10 16	0 58	23 22	0 4	13 20	1 24	19 12	0 15	20 8	1 33	11 55	17 22	13 30	13 26	19 52	7 41	0 50
F 11	14 5	25 36	3 12	15 5	1 54	0n29	0 25	9 58	0 58	23 22	0 4	13 17	1 24	19 12	0 15	20 8	1 33	11 56	17 23	13 30	13 27	19 55	7 42	0 50
S 12	13 45	22 20	2 10	14 24	1 51	1 1	0 21	9 40	0 57	23 22	0 3	13 15	1 24	19 13	0 15	20 8	1 33	11 57	17 23	13 30	13 28	19 57	7 43	0 50
S 13	13 25	17 49	1 0	13 42	1 46	1 32	0 18	9 22	0 57	23 22	0 3	13 12	1 24	19 13	0 15	20 8	1 33	11 58	17 24	13 30	13 29	19 59	7 44	0 50
M14	13 5	12 17	0s16	12 59	1 42	2 4	0 14	9 4	0 57	23 22	0 3	13 10	1 24	19 13	0 15	20 8	1 33	11 59	17 24	13 30	13 30	20 2	7 45	0 50
T 15	12 45	6 2	1 32	12 14	1 36	2 35	0 10	8 46	0 56	23 22	0 3	13 7	1 24	19 13	0 15	20 8	1 33	11 59	17 24	13 30	13 31	20 4	7 46	0 50
W16	12 24	0s35	2 44	11 28	1 31	3 7	0 6	8 28	0 56	23 22	0 3	13 5	1 24	19 13	0 15	20 8	1 33	12 0	17 25	13 30	13 32	20 6	7 47	0 49
T 17	12 3	7 14	3 46	10 41	1 24	3 38	0 3	8 9	0 55	23 22	0 3	13 2	1 24	19 14	0 15	20 8	1 33	12 1	17 25	13 31	13 33	20 9	7 48	0 49
F 18	11 42	13 32	4 34	9 52	1 17	4 9	0n 1	7 51	0 55	23 23	0 3	13 0	1 24	19 14	0 15	20 8	1 33	12 2	17 26	13 31	13 34	20 11	7 49	0 49
S 19	11 21	19 6	5 5	9 3	1 9	4 40	0 5	7 32	0 54	23 23	0 3	12 57	1 24	19 14	0 15	20 8	1 33	12 3	17 26	13 31	13 35	20 13	7 49	0 49
S 20	10 59	23 33	5 17	8 12	1 1	5 11	0 9	7 14	0 54	23 23	0 2	12 55	1 24	19 14	0 15	20 8	1 33	12 4	17 27	13 31	13 36	20 15	7 50	0 49
M21	10 38	26 33	5 9	7 21	0 52	5 42	0 13	6 55	0 54	23 23	0 2	12 52	1 24	19 14	0 15	20 8	1 33	12 4	17 27	13 31	13 37	20 18	7 51	0 49
T 22	10 16	27 52	4 43	6 29	0 42	6 13	0 17	6 37	0 53	23 23	0 2	12 50	1 24	19 14	0 15	20 9	1 33	12 5	17 27	13 31	13 38	20 20	7 52	0 49
W23	9 54	27 25	4 1	5 37	0 32	6 44	0 21	6 18	0 53	23 23	0 2	12 47	1 24	19 14	0 15	20 9	1 33	12 6	17 28	13 31	13 40	20 22	7 53	0 49
T 24	9 32	25 19	3 6	4 45	0 21	7 15	0 26	5 59	0 52	23 23	0 2	12 45	1 24	19 14	0 15	20 9	1 32	12 7	17 28	13 30	13 41	20 24	7 54	0 49
F 25	9 10	21 49	2 2	3 53	0 9	7 45	0 30	5 41	0 52	23 24	0 2	12 42	1 25	19 14	0 15	20 9	1 32	12 8	17 28	13 30	13 42	20 27	7 56	0 48
S 26	8 48	17 14	0 51	3 1	0n 3	8 15	0 34	5 22	0 51	23 24	0 2	12 40	1 25	19 14	0 15	20 9	1 32	12 8	17 29	13 30	13 43	20 29	7 57	0 48
S 27	8 25	11 57	0n20	2 9	0 16	8 45	0 38	5 3	0 51	23 24	0 1	12 37	1 25	19 14	0 15	20 9	1 32	12 9	17 29	13 30	13 44	20 31	7 58	0 48
M28	8s 2	6s15	1n29	1s19	0n29	9n15	0n43	4s44	0s50	23n24	0s 1	12s35	1s25	19s15	0n15	20n 9	1s32	12n10	17n29	13s30	13s45	20n33	7n59	0n48

Julian Day Number = 2352595.5, Delta T = 11.07 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'30, Lahiri = 20°04'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

MARCH 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 0	10♓26'40	23♓ 6	27♓10	23♈10	20♓47	26♊15	0♓47	26♏52	7♊58	9°R48	24°R 6	23♒20	13♉ 2	18♈29	T 1
W 2	10 38 57	11°26'46	5♈27	28°39	24°19	21°34	26°16	0°54	26°R52	7°59	9♎47	24♒ 4	23°17	13° 9	18°32	W 2
T 3	10 42 53	12°26'50	17°37	0♈ 3	25°28	22°21	26°19	1° 1	26°52	7°59	9°46	24° 1	23°13	13°16	18°35	T 3
F 4	10 46 50	13°26'52	29°38	1°21	26°36	23° 8	26°21	1° 9	26°52	8° 0	9°44	23°58	23°10	13°22	18°39	F 4
S 5	10 50 46	14°26'52	11♉33	2°33	27°44	23°54	26°23	1°16	26°51	8° 0	9°43	23°55	23° 7	13°29	18°42	S 5
S 6	10 54 43	15°26'50	23°25	3°38	28°52	24°41	26°26	1°23	26°51	8° 1	9°41	23°52	23° 4	13°36	18°45	S 6
M 7	10 58 39	16°26'45	5♊18	4°37	29°59	25°28	26°29	1°30	26°51	8° 1	9°40	23°51	23° 1	13°43	18°48	M 7
T 8	11 2 36	17°26'39	17°17	5°27	1♉ 7	26°14	26°32	1°37	26°51	8° 2	9°38	23°D50	22°57	13°49	18°52	T 8
W 9	11 6 33	18°26'30	29°26	6°10	2°14	27° 1	26°35	1°44	26°50	8° 3	9°37	23°51	22°54	13°56	18°55	W 9
T 10	11 10 29	19°26'19	11♋50	6°45	3°22	27°47	26°38	1°51	26°50	8° 3	9°35	23°52	22°51	14° 3	18°58	T 10
F 11	11 14 26	20°26'06	24°33	7°11	4°28	28°34	26°42	1°58	26°49	8° 4	9°34	23°54	22°48	14° 9	19° 2	F 11
S 12	11 18 22	21°25'51	7♌39	7°29	5°35	29°20	26°46	2° 5	26°49	8° 5	9°32	23°55	22°45	14°16	19° 5	S 12
S 13	11 22 19	22°25'33	21°11	7°38	6°42	0♈ 7	26°50	2°12	26°48	8° 6	9°30	23°R56	22°42	14°23	19° 9	S 13
M14	11 26 15	23°25'13	5♍ 7	7°R39	7°48	0°53	26°54	2°19	26°48	8° 6	9°29	23°55	22°38	14°30	19°12	M14
T 15	11 30 12	24°24'51	19°26	7°31	8°54	1°39	26°58	2°26	26°47	8° 7	9°27	23°53	22°35	14°36	19°16	T 15
W16	11 34 8	25°24'27	4♎ 4	7°16	10° 0	2°26	27° 3	2°33	26°46	8° 8	9°26	23°50	22°32	14°43	19°19	W16
T 17	11 38 5	26°24'01	18°53	6°54	11° 5	3°12	27° 7	2°40	26°45	8° 9	9°24	23°46	22°29	14°50	19°23	T 17
F 18	11 42 1	27°23'33	3♏45	6°24	12°10	3°58	27°12	2°47	26°45	8°10	9°22	23°41	22°26	14°56	19°26	F 18
S 19	11 45 58	28°23'03	18°33	5°49	13°15	4°44	27°17	2°54	26°44	8°11	9°21	23°36	22°23	15° 3	19°30	S 19
S 20	11 49 55	29°22'32	3♐ 9	5° 8	14°20	5°31	27°22	3° 1	26°43	8°12	9°19	23°32	22°19	15°10	19°33	S 20
M21	11 53 51	0♈21'59	17°28	4°23	15°25	6°17	27°28	3° 7	26°42	8°13	9°18	23°30	22°16	15°17	19°37	M21
T 22	11 57 48	1°21'24	1♑28	3°35	16°29	7° 3	27°33	3°14	26°41	8°14	9°16	23°D29	22°13	15°23	19°40	T 22
W23	12 1 44	2°20'47	15° 9	2°44	17°33	7°49	27°39	3°21	26°40	8°15	9°14	23°30	22°10	15°30	19°44	W23
T 24	12 5 41	3°20'09	28°30	1°53	18°36	8°35	27°44	3°28	26°39	8°16	9°13	23°31	22° 7	15°37	19°48	T 24
F 25	12 9 37	4°19'28	11♒36	1° 1	19°40	9°21	27°50	3°34	26°37	8°18	9°11	23°33	22° 3	15°44	19°51	F 25
S 26	12 13 34	5°18'46	24°26	0°10	20°43	10° 7	27°57	3°41	26°36	8°19	9° 9	23°R33	22° 0	15°50	19°55	S 26
S 27	12 17 31	6°18'02	7♓ 4	29♓21	21°45	10°53	28° 3	3°47	26°35	8°20	9° 8	23°32	21°57	15°57	19°59	S 27
M28	12 21 27	7°17'16	19°31	28°35	22°48	11°38	28° 9	3°54	26°34	8°21	9° 6	23°29	21°54	16° 4	20° 2	M28
T 29	12 25 24	8°16'28	1♈49	27°53	23°50	12°24	28°16	4° 0	26°32	8°23	9° 4	23°24	21°51	16°10	20° 6	T 29
W30	12 29 20	9°15'38	13°59	27°14	24°51	13°10	28°23	4° 7	26°31	8°24	9° 3	23°17	21°48	16°17	20°10	W30
T 31	12 33 17	10♈14'46	26♈ 2	26♓40	25♉53	13♈56	28♊29	4♓13	26♏30	8♊25	9♎ 1	23♒ 8	21♒44	16♉24	20♈13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	7s40	0s24	2n33	0s29	0n42	9n45	0n47	4s25	0s50	23n24	0s 1	12s32	1s25	19s15	0n15	20n 9	1s32	12n11	17n30	13s31	13s46	20n36	8n 0	0n48
W 2	7 17	5n22	3 29	0n19	0 56	10 14	0 51	4 6	0 49	23 24	0 1	12 30	1 25	19 15	0 15	20 9	1 32	12 12	17 30	13 31	13 47	20 38	8 1	0 48
T 3	6 54	10 50	4 14	1 5	1 9	10 43	0 56	3 47	0 49	23 25	0 1	12 27	1 25	19 15	0 15	20 10	1 32	12 13	17 30	13 32	13 48	20 40	8 2	0 48
F 4	6 31	15 50	4 47	1 49	1 23	11 12	1 0	3 28	0 48	23 25	0 1	12 25	1 25	19 14	0 15	20 10	1 32	12 13	17 31	13 33	13 49	20 42	8 3	0 48
S 5	6 8	20 11	5 7	2 30	1 37	11 41	1 4	3 9	0 48	23 25	0 1	12 22	1 25	19 14	0 15	20 10	1 32	12 14	17 31	13 34	13 50	20 45	8 4	0 48
S 6	5 45	23 43	5 14	3 8	1 51	12 10	1 9	2 50	0 47	23 25	0 1	12 20	1 25	19 14	0 15	20 10	1 32	12 15	17 31	13 35	13 51	20 47	8 5	0 48
M 7	5 21	26 16	5 8	3 44	2 4	12 38	1 13	2 31	0 47	23 25	0 0	12 17	1 25	19 14	0 15	20 10	1 32	12 16	17 31	13 36	13 52	20 49	8 7	0 47
T 8	4 58	27 39	4 49	4 16	2 17	13 6	1 18	2 12	0 46	23 26	0 0	12 15	1 25	19 14	0 15	20 10	1 32	12 17	17 32	13 36	13 53	20 51	8 8	0 47
W 9	4 35	27 44	4 16	4 44	2 29	13 33	1 22	1 53	0 46	23 26	0 0	12 12	1 26	19 14	0 15	20 10	1 32	12 18	17 32	13 36	13 54	20 53	8 9	0 47
T 10	4 11	26 27	3 31	5 9	2 41	14 1	1 27	1 34	0 45	23 26	0 0	12 10	1 26	19 14	0 15	20 11	1 32	12 18	17 32	13 35	13 55	20 56	8 10	0 47
F 11	3 48	23 46	2 34	5 29	2 52	14 28	1 31	1 15	0 45	23 26	0n 0	12 7	1 26	19 14	0 15	20 11	1 32	12 19	17 32	13 35	13 56	20 58	8 11	0 47
S 12	3 24	19 48	1 28	5 45	3 2	14 54	1 36	0 56	0 44	23 26	0 0	12 5	1 26	19 14	0 15	20 11	1 32	12 20	17 33	13 34	13 57	21 0	8 13	0 47
S 13	3 1	14 42	0 15	5 57	3 10	15 21	1 40	0 37	0 44	23 27	0 0	12 3	1 26	19 14	0 15	20 11	1 31	12 21	17 33	13 34	13 58	21 2	8 14	0 47
M14	2 37	8 42	1s 1	6 4	3 18	15 47	1 45	0 18	0 43	23 27	0 0	12 0	1 26	19 14	0 15	20 11	1 31	12 22	17 33	13 34	13 59	21 4	8 15	0 47
T 15	2 13	2 7	2 15	6 6	3 24	16 12	1 49	0n 1	0 43	23 27	0 1	11 58	1 26	19 13	0 15	20 12	1 31	12 22	17 33	13 35	14 0	21 6	8 16	0 47
W16	1 50	4s42	3 22	6 4	3 28	16 38	1 54	0 19	0 42	23 27	0 1	11 55	1 26	19 13	0 15	20 12	1 31	12 23	17 33	13 36	14 1	21 9	8 17	0 47
T 17	1 26	11 21	4 16	5 58	3 31	17 3	1 58	0 38	0 42	23 27	0 1	11 53	1 26	19 13	0 15	20 12	1 31	12 24	17 34	13 37	14 2	21 11	8 19	0 46
F 18	1 2	17 22	4 53	5 47	3 32	17 27	2 2	0 57	0 41	23 28	0 1	11 51	1 27	19 13	0 15	20 12	1 31	12 25	17 34	13 39	14 4	21 13	8 20	0 46
S 19	0 39	22 20	5 10	5 32	3 31	17 51	2 7	1 16	0 40	23 28	0 1	11 48	1 27	19 13	0 15	20 12	1 31	12 25	17 34	13 40	14 5	21 15	8 21	0 46
S 20	0 15	25 50	5 7	5 14	3 28	18 15	2 11	1 35	0 40	23 28	0 1	11 46	1 27	19 12	0 15	20 13	1 31	12 26	17 34	13 42	14 6	21 17	8 23	0 46
M21	0n 9	27 36	4 45	4 52	3 24	18 39	2 16	1 54	0 39	23 28	0 1	11 43	1 27	19 12	0 15	20 13	1 31	12 27	17 34	13 42	14 7	21 19	8 24	0 46
T 22	0 32	27 34	4 6	4 27	3 18	19 1	2 20	2 12	0 39	23 29	0 1	11 41	1 27	19 12	0 15	20 13	1 31	12 28	17 34	13 43	14 8	21 21	8 25	0 46
W23	0 56	25 49	3 13	3 59	3 10	19 24	2 24	2 31	0 38	23 29	0 1	11 39	1 27	19 12	0 15	20 13	1 31	12 28	17 34	13 43	14 9	21 23	8 26	0 46
T 24	1 20	22 39	2 12	3 30	3 0	19 46	2 29	2 50	0 38	23 29	0 2	11 37	1 27	19 11	0 15	20 13	1 31	12 29	17 35	13 42	14 10	21 26	8 28	0 46
F 25	1 43	18 22	1 4	2 59	2 49	20 8	2 33	3 9	0 37	23 29	0 2	11 34	1 27	19 11	0 15	20 14	1 31	12 30	17 35	13 42	14 11	21 28	8 29	0 46
S 26	2 7	13 19	0n 5	2 28	2 37	20 29	2 37	3 27	0 36	23 29	0 2	11 32	1 27	19 11	0 15	20 14	1 31	12 31	17 35	13 41	14 12	21 30	8 30	0 46
S 27	2 30	7 48	1 13	1 56	2 23	20 50	2 41	3 46	0 36	23 30	0 2	11 30	1 28	19 11	0 15	20 14	1 31	12 31	17 35	13 42	14 13	21 32	8 32	0 46
M28	2 54	2 4	2 16	1 24	2 9	21 10	2 45	4 4	0 35	23 30	0 2	11 27	1 28	19 10	0 15	20 14	1 31	12 32	17 35	13 43	14 14	21 34	8 33	0 46
T 29	3 17	3n39	3 12	0 54	1 54	21 30	2 50	4 23	0 35	23 30	0 2	11 25	1 28	19 10	0 15	20 15	1 31	12 33	17 35	13 44	14 15	21 36	8 34	0 45
W30	3 41	9 11	3 58	0 24	1 38	21 49	2 54	4 41	0 34	23 30	0 2	11 23	1 28	19 10	0 15	20 15	1 31	12 33	17 35	13 47	14 16	21 38	8 36	0 45
T 31	4n 4	14n18	4n33	0s 4	1n22	22n 8	2n58	4n59	0s34	23n30	0n 2	11s21	1s28	19s 9	0n15	20n15	1s31	12n34	17n35	13s50	14s17	21n40	8n37	0n45

Julian Day Number = 2352623.5, Delta T = 11.08 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'34, Lahiri = 20°04'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

APRIL 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 13	11♈13'52	7♉59	26°R11	26♉54	14♈41	28♊36	4♓19	26°R28	8♊27	8°R59	22°R59	21♒41	16♉31	20♈17	F 1
S 2	12 41 10	12°12'55	19°52	25♓47	27°54	15°27	28°44	4°26	26♏27	8°28	8♎57	22♒49	21°38	16°37	20°21	S 2
S 3	12 45 6	13°11'57	1♊43	25°29	28°54	16°12	28°51	4°32	26°25	8°29	8°56	22°41	21°35	16°44	20°25	S 3
M 4	12 49 3	14°10'56	13°36	25°16	29°54	16°58	28°58	4°38	26°23	8°31	8°54	22°35	21°32	16°51	20°28	M 4
T 5	12 52 59	15° 9'53	25°33	25° 9	0♊54	17°43	29° 6	4°44	26°22	8°32	8°52	22°30	21°29	16°57	20°32	T 5
W 6	12 56 56	16° 8'48	7♋39	25°D 7	1°53	18°29	29°14	4°50	26°20	8°34	8°51	22°28	21°25	17° 4	20°36	W 6
T 7	13 0 53	17° 7'40	19°59	25°10	2°51	19°14	29°21	4°56	26°18	8°35	8°49	22°D28	21°22	17°11	20°40	T 7
F 8	13 4 49	18° 6'31	2♌38	25°19	3°49	19°59	29°29	5° 2	26°17	8°37	8°47	22°28	21°19	17°18	20°44	F 8
S 9	13 8 46	19° 5'18	15°39	25°32	4°47	20°45	29°38	5° 8	26°15	8°38	8°46	22°R29	21°16	17°24	20°47	S 9
S 10	13 12 42	20° 4'04	29° 8	25°51	5°44	21°30	29°46	5°14	26°13	8°40	8°44	22°29	21°13	17°31	20°51	S 10
M11	13 16 39	21° 2'47	13♍ 5	26°14	6°40	22°15	29°54	5°20	26°11	8°42	8°43	22°28	21° 9	17°38	20°55	M11
T 12	13 20 35	22° 1'28	27°30	26°41	7°36	23° 0	0♋ 3	5°26	26° 9	8°43	8°41	22°23	21° 6	17°45	20°59	T 12
W13	13 24 32	23° 0'07	12♎20	27°13	8°31	23°45	0°11	5°32	26° 7	8°45	8°39	22°17	21° 3	17°51	21° 2	W13
T 14	13 28 28	23°58'44	27°26	27°49	9°26	24°30	0°20	5°37	26° 5	8°47	8°38	22° 9	21° 0	17°58	21° 6	T 14
F 15	13 32 25	24°57'19	12♏40	28°29	10°21	25°15	0°29	5°43	26° 3	8°48	8°36	21°59	20°57	18° 5	21°10	F 15
S 16	13 36 22	25°55'53	27°50	29°13	11°14	26° 0	0°38	5°48	26° 1	8°50	8°35	21°50	20°54	18°11	21°14	S 16
S 17	13 40 18	26°54'24	12♐47	29°59	12° 7	26°45	0°47	5°54	25°59	8°52	8°33	21°42	20°50	18°18	21°17	S 17
M18	13 44 15	27°52'54	27°22	0♈50	13° 0	27°30	0°56	5°59	25°57	8°54	8°31	21°37	20°47	18°25	21°21	M18
T 19	13 48 11	28°51'23	11♑32	1°44	13°51	28°15	1° 5	6° 5	25°55	8°55	8°30	21°33	20°44	18°32	21°25	T 19
W20	13 52 8	29°49'49	25°16	2°41	14°42	28°59	1°15	6°10	25°53	8°57	8°28	21°D32	20°41	18°38	21°29	W20
T 21	13 56 4	0♉48'14	8♒35	3°40	15°33	29°44	1°24	6°15	25°51	8°59	8°27	21°32	20°38	18°45	21°32	T 21
F 22	14 0 1	1°46'38	21°32	4°43	16°22	0♉29	1°34	6°20	25°49	9° 1	8°25	21°R32	20°34	18°52	21°36	F 22
S 23	14 3 57	2°45'00	4♓11	5°48	17°11	1°13	1°44	6°25	25°46	9° 3	8°24	21°32	20°31	18°59	21°40	S 23
S 24	14 7 54	3°43'20	16°36	6°56	17°59	1°58	1°53	6°30	25°44	9° 5	8°22	21°29	20°28	19° 5	21°44	S 24
M25	14 11 51	4°41'38	28°49	8° 7	18°46	2°42	2° 3	6°35	25°42	9° 7	8°21	21°24	20°25	19°12	21°47	M25
T 26	14 15 47	5°39'55	10♈55	9°19	19°32	3°27	2°13	6°40	25°39	9° 9	8°19	21°16	20°22	19°19	21°51	T 26
W27	14 19 44	6°38'11	22°55	10°35	20°18	4°11	2°24	6°45	25°37	9°11	8°18	21° 5	20°19	19°25	21°55	W27
T 28	14 23 40	7°36'24	4♉51	11°52	21° 2	4°55	2°34	6°50	25°35	9°12	8°16	20°52	20°15	19°32	21°58	T 28
F 29	14 27 37	8°34'36	16°44	13°12	21°46	5°40	2°44	6°55	25°33	9°14	8°15	20°38	20°12	19°39	22° 2	F 29
S 30	14 31 33	9♉32'46	28♉36	14♈34	22♊28	6♉24	2♋55	6♓59	25♏30	9♊16	8♎14	20♒25	20♒ 9	19♉46	22♈ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n27	18n51	4n56	0s30	1n 6	22n26	3n 1	5n17	0s33	23n31	0n 2	11s19	1s28	19s 9	0n15	20n15	1s30	12n35	17n35	13s53	14s18	21n42	8n38	0n45
S 2	4 50	22 38	5 6	0 55	0 50	22 44	3 5	5 36	0 32	23 31	0 3	11 16	1 28	19 9	0 15	20 16	1 30	12 35	17 35	13 56	14 19	21 44	8 40	0 45
S 3	5 13	25 28	5 3	1 16	0 34	23 1	3 9	5 54	0 32	23 31	0 3	11 14	1 29	19 8	0 15	20 16	1 30	12 36	17 35	13 58	14 20	21 46	8 41	0 45
M 4	5 36	27 12	4 46	1 36	0 19	23 18	3 13	6 12	0 31	23 31	0 3	11 12	1 29	19 8	0 15	20 16	1 30	12 36	17 35	14 1	14 21	21 48	8 42	0 45
T 5	5 59	27 41	4 17	1 53	0 3	23 34	3 17	6 30	0 31	23 31	0 3	11 10	1 29	19 7	0 15	20 17	1 30	12 37	17 35	14 2	14 22	21 50	8 44	0 45
W 6	6 22	26 51	3 37	2 7	0s11	23 50	3 20	6 48	0 30	23 31	0 3	11 8	1 29	19 7	0 15	20 17	1 30	12 38	17 35	14 3	14 23	21 52	8 45	0 45
T 7	6 44	24 42	2 45	2 19	0 26	24 5	3 24	7 5	0 29	23 32	0 3	11 6	1 29	19 7	0 15	20 17	1 30	12 38	17 35	14 3	14 24	21 54	8 46	0 45
F 8	7 7	21 18	1 44	2 28	0 39	24 20	3 27	7 23	0 29	23 32	0 3	11 4	1 29	19 6	0 15	20 17	1 30	12 39	17 35	14 3	14 25	21 56	8 48	0 45
S 9	7 29	16 45	0 37	2 35	0 53	24 34	3 30	7 41	0 28	23 32	0 3	11 2	1 29	19 6	0 15	20 18	1 30	12 39	17 35	14 2	14 26	21 58	8 49	0 45
S 10	7 51	11 14	0s35	2 39	1 5	24 48	3 34	7 58	0 28	23 32	0 3	11 0	1 30	19 5	0 15	20 18	1 30	12 40	17 34	14 2	14 27	22 0	8 50	0 44
M11	8 14	5 0	1 48	2 40	1 17	25 1	3 37	8 16	0 27	23 32	0 3	10 58	1 30	19 5	0 15	20 18	1 30	12 41	17 34	14 3	14 28	22 2	8 52	0 44
T 12	8 36	1s41	2 55	2 40	1 28	25 14	3 40	8 33	0 26	23 32	0 4	10 56	1 30	19 5	0 15	20 19	1 30	12 41	17 34	14 4	14 29	22 4	8 53	0 44
W13	8 57	8 27	3 53	2 37	1 38	25 26	3 43	8 50	0 26	23 32	0 4	10 54	1 30	19 4	0 15	20 19	1 30	12 42	17 34	14 6	14 30	22 6	8 54	0 44
T 14	9 19	14 52	4 36	2 31	1 48	25 37	3 46	9 7	0 25	23 32	0 4	10 52	1 30	19 4	0 15	20 19	1 30	12 42	17 34	14 9	14 31	22 8	8 56	0 44
F 15	9 41	20 25	4 59	2 24	1 57	25 48	3 48	9 24	0 24	23 32	0 4	10 50	1 30	19 3	0 15	20 19	1 30	12 43	17 34	14 12	14 32	22 10	8 57	0 44
S 16	10 2	24 36	5 2	2 14	2 5	25 58	3 51	9 41	0 24	23 32	0 4	10 48	1 31	19 3	0 15	20 20	1 30	12 43	17 34	14 15	14 33	22 12	8 58	0 44
S 17	10 23	27 3	4 43	2 2	2 13	26 8	3 54	9 58	0 23	23 32	0 4	10 46	1 31	19 2	0 15	20 20	1 30	12 43	17 34	14 18	14 34	22 14	9 0	0 44
M18	10 44	27 34	4 7	1 49	2 20	26 18	3 56	10 15	0 23	23 33	0 4	10 44	1 31	19 2	0 15	20 20	1 30	12 44	17 33	14 19	14 35	22 16	9 1	0 44
T 19	11 5	26 13	3 16	1 33	2 26	26 26	3 58	10 31	0 22	23 33	0 4	10 42	1 31	19 1	0 15	20 21	1 30	12 44	17 33	14 20	14 36	22 18	9 2	0 44
W20	11 26	23 20	2 15	1 15	2 32	26 35	4 0	10 48	0 21	23 33	0 4	10 41	1 31	19 1	0 15	20 21	1 30	12 45	17 33	14 21	14 37	22 20	9 4	0 44
T 21	11 46	19 15	1 8	0 56	2 37	26 42	4 2	11 4	0 21	23 33	0 4	10 39	1 31	19 0	0 15	20 21	1 30	12 45	17 33	14 21	14 38	22 22	9 5	0 44
F 22	12 7	14 21	0 0	0 35	2 41	26 49	4 4	11 21	0 20	23 33	0 5	10 37	1 32	19 0	0 15	20 22	1 30	12 46	17 33	14 21	14 39	22 24	9 6	0 44
S 23	12 27	8 57	1n 7	0 13	2 45	26 56	4 6	11 37	0 19	23 33	0 5	10 35	1 32	18 59	0 15	20 22	1 30	12 46	17 32	14 21	14 40	22 26	9 8	0 44
S 24	12 47	3 19	2 9	0n11	2 48	27 2	4 7	11 53	0 19	23 32	0 5	10 34	1 32	18 59	0 15	20 22	1 29	12 46	17 32	14 22	14 41	22 28	9 9	0 43
M25	13 6	2n20	3 4	0 37	2 50	27 8	4 9	12 9	0 18	23 32	0 5	10 32	1 32	18 58	0 15	20 23	1 29	12 47	17 32	14 23	14 42	22 30	9 10	0 43
T 26	13 26	7 51	3 50	1 4	2 52	27 13	4 10	12 24	0 18	23 32	0 5	10 30	1 32	18 58	0 15	20 23	1 29	12 47	17 32	14 26	14 43	22 32	9 12	0 43
W27	13 45	13 1	4 25	1 32	2 53	27 17	4 11	12 40	0 17	23 32	0 5	10 29	1 33	18 57	0 15	20 23	1 29	12 47	17 32	14 30	14 44	22 33	9 13	0 43
T 28	14 4	17 41	4 48	2 2	2 54	27 21	4 11	12 56	0 16	23 32	0 5	10 27	1 33	18 56	0 15	20 24	1 29	12 48	17 31	14 34	14 45	22 35	9 14	0 43
F 29	14 23	21 38	4 59	2 33	2 54	27 25	4 12	13 11	0 16	23 32	0 5	10 26	1 33	18 56	0 15	20 24	1 29	12 48	17 31	14 38	14 46	22 37	9 16	0 43
S 30	14n42	24n42	4n57	3n 6	2s53	27n28	4n13	13n26	0s15	23n32	0n 5	10s24	1s33	18s55	0n15	20n24	1s29	12n48	17n31	14s42	14s47	22n39	9n17	0n43

Julian Day Number = 2352654.5, Delta T = 11.10 sec
Ecliptic obliquity = 23°28'36, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'38, Lahiri = 20°04'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

MAY 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 30	10♉30'55	10♊28	15♈58	23♊10	7♉ 8	3♋ 5	7♓ 4	25°R28	9♊18	8°R12	20°R12	20♒ 6	19♉52	22♈ 9	S 1
M 2	14 39 26	11°29'02	22°22	17°25	23°50	7°52	3°16	7° 8	25♏25	9°20	8♎11	20♒ 2	20° 3	19°59	22°13	M 2
T 3	14 43 23	12°27'06	4♋21	18°53	24°30	8°36	3°26	7°13	25°23	9°23	8°10	19°54	20° 0	20° 6	22°16	T 3
W 4	14 47 20	13°25'09	16°28	20°23	25° 8	9°20	3°37	7°17	25°21	9°25	8° 8	19°50	19°56	20°12	22°20	W 4
T 5	14 51 16	14°23'10	28°47	21°56	25°45	10° 4	3°48	7°21	25°18	9°27	8° 7	19°47	19°53	20°19	22°24	T 5
F 6	14 55 13	15°21'09	11♌23	23°30	26°20	10°48	3°59	7°25	25°16	9°29	8° 6	19°47	19°50	20°26	22°27	F 6
S 7	14 59 9	16°19'07	24°19	25° 7	26°55	11°32	4°10	7°29	25°13	9°31	8° 5	19°47	19°47	20°33	22°31	S 7
S 8	15 3 6	17°17'02	7♍41	26°46	27°28	12°16	4°21	7°33	25°11	9°33	8° 3	19°46	19°44	20°39	22°34	S 8
M 9	15 7 2	18°14'55	21°31	28°26	27°59	13° 0	4°32	7°37	25° 8	9°35	8° 2	19°44	19°40	20°46	22°38	M 9
T 10	15 10 59	19°12'47	5♎50	0♉ 9	28°29	13°43	4°44	7°41	25° 6	9°37	8° 1	19°39	19°37	20°53	22°41	T 10
W11	15 14 55	20°10'37	20°37	1°53	28°58	14°27	4°55	7°45	25° 3	9°39	8° 0	19°31	19°34	21° 0	22°45	W11
T 12	15 18 52	21° 8'25	5♏44	3°40	29°25	15°10	5° 6	7°48	25° 1	9°41	7°59	19°22	19°31	21° 6	22°48	T 12
F 13	15 22 49	22° 6'12	21° 4	5°29	29°50	15°54	5°18	7°52	24°58	9°44	7°58	19°11	19°28	21°13	22°51	F 13
S 14	15 26 45	23° 3'58	6♐23	7°20	0♋14	16°37	5°29	7°55	24°56	9°46	7°57	19° 1	19°25	21°20	22°55	S 14
S 15	15 30 42	24° 1'42	21°32	9°12	0°36	17°21	5°41	7°59	24°53	9°48	7°56	18°51	19°21	21°26	22°58	S 15
M16	15 34 38	24°59'25	6♑20	11° 7	0°56	18° 4	5°53	8° 2	24°51	9°50	7°55	18°44	19°18	21°33	23° 2	M16
T 17	15 38 35	25°57'07	20°42	13° 4	1°14	18°48	6° 4	8° 5	24°48	9°52	7°54	18°40	19°15	21°40	23° 5	T 17
W18	15 42 31	26°54'48	4♒34	15° 3	1°30	19°31	6°16	8° 9	24°46	9°54	7°53	18°37	19°12	21°47	23° 8	W18
T 19	15 46 28	27°52'27	17°58	17° 3	1°44	20°14	6°28	8°12	24°43	9°57	7°52	18°D37	19° 9	21°53	23°11	T 19
F 20	15 50 24	28°50'06	0♓57	19° 6	1°56	20°57	6°40	8°15	24°41	9°59	7°51	18°R37	19° 6	22° 0	23°15	F 20
S 21	15 54 21	29°47'44	13°34	21°10	2° 7	21°40	6°52	8°18	24°38	10° 1	7°50	18°36	19° 2	22° 7	23°18	S 21
S 22	15 58 18	0♊45'20	25°54	23°15	2°15	22°23	7° 4	8°20	24°36	10° 3	7°49	18°34	18°59	22°14	23°21	S 22
M23	16 2 14	1°42'56	8♈ 2	25°23	2°20	23° 6	7°16	8°23	24°33	10° 5	7°48	18°29	18°56	22°20	23°24	M23
T 24	16 6 11	2°40'31	20° 2	27°31	2°24	23°49	7°28	8°26	24°31	10° 8	7°47	18°22	18°53	22°27	23°27	T 24
W25	16 10 7	3°38'04	1♉56	29°41	2°R25	24°32	7°41	8°28	24°28	10°10	7°47	18°12	18°50	22°34	23°30	W25
T 26	16 14 4	4°35'37	13°48	1♊52	2°24	25°15	7°53	8°31	24°26	10°12	7°46	18° 0	18°46	22°40	23°33	T 26
F 27	16 18 0	5°33'09	25°40	4° 3	2°20	25°58	8° 5	8°33	24°23	10°14	7°45	17°47	18°43	22°47	23°36	F 27
S 28	16 21 57	6°30'40	7♊33	6°15	2°15	26°41	8°18	8°35	24°21	10°17	7°45	17°34	18°40	22°54	23°39	S 28
S 29	16 25 53	7°28'10	19°28	8°27	2° 6	27°23	8°30	8°37	24°19	10°19	7°44	17°22	18°37	23° 1	23°42	S 29
M30	16 29 50	8°25'39	1♋28	10°39	1°56	28° 6	8°43	8°39	24°16	10°21	7°43	17°12	18°34	23° 7	23°45	M30
T 31	16 33 47	9♊23'06	13♋34	12♊51	1♋43	28♉49	8♋55	8♓41	24♏14	10♊23	7♎43	17♒ 5	18♒31	23♉14	23♈48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 0	26n42	4n42	3n39	2s52	27n30	4n13	13n41	0s14	23n32	0n 5	10s23	1s33	18s55	0n15	20n25	1s29	12n49	17n30	14s46	14s48	22n41	9n18	0n43
M 2	15 18	27 29	4 14	4 14	2 50	27 32	4 13	13 56	0 14	23 32	0 5	10 21	1 34	18 54	0 15	20 25	1 29	12 49	17 30	14 50	14 49	22 43	9 20	0 43
T 3	15 36	26 59	3 35	4 49	2 47	27 34	4 12	14 11	0 13	23 31	0 6	10 20	1 34	18 54	0 15	20 25	1 29	12 49	17 30	14 52	14 50	22 45	9 21	0 43
W 4	15 53	25 12	2 46	5 26	2 45	27 35	4 12	14 26	0 12	23 31	0 6	10 18	1 34	18 53	0 15	20 26	1 29	12 49	17 29	14 54	14 51	22 47	9 22	0 43
T 5	16 11	22 12	1 48	6 4	2 41	27 36	4 11	14 40	0 12	23 31	0 6	10 17	1 34	18 53	0 15	20 26	1 29	12 49	17 29	14 54	14 52	22 48	9 23	0 43
F 6	16 28	18 6	0 44	6 43	2 37	27 36	4 10	14 55	0 11	23 31	0 6	10 15	1 34	18 52	0 15	20 26	1 29	12 50	17 29	14 54	14 53	22 50	9 25	0 43
S 7	16 45	13 3	0s24	7 22	2 32	27 35	4 9	15 9	0 11	23 31	0 6	10 14	1 35	18 51	0 15	20 27	1 29	12 50	17 29	14 54	14 54	22 52	9 26	0 43
S 8	17 1	7 16	1 33	8 3	2 27	27 35	4 8	15 23	0 10	23 30	0 6	10 13	1 35	18 51	0 15	20 27	1 29	12 50	17 28	14 55	14 55	22 54	9 27	0 43
M 9	17 17	0 56	2 39	8 44	2 22	27 33	4 6	15 37	0 9	23 30	0 6	10 12	1 35	18 50	0 15	20 27	1 29	12 50	17 28	14 55	14 56	22 56	9 28	0 43
T 10	17 33	5s39	3 37	9 26	2 15	27 32	4 4	15 51	0 9	23 30	0 6	10 10	1 35	18 50	0 15	20 28	1 29	12 50	17 27	14 57	14 57	22 58	9 30	0 42
W11	17 49	12 7	4 23	10 8	2 9	27 30	4 1	16 4	0 8	23 29	0 6	10 9	1 35	18 49	0 15	20 28	1 29	12 50	17 27	14 59	14 58	22 59	9 31	0 42
T 12	18 4	18 2	4 52	10 51	2 2	27 27	3 59	16 18	0 7	23 29	0 6	10 8	1 36	18 48	0 15	20 28	1 29	12 50	17 27	15 2	14 59	23 1	9 32	0 42
F 13	18 19	22 52	5 0	11 35	1 54	27 24	3 56	16 31	0 7	23 29	0 6	10 7	1 36	18 48	0 15	20 29	1 29	12 50	17 26	15 6	15 0	23 3	9 33	0 42
S 14	18 34	26 7	4 47	12 19	1 46	27 21	3 53	16 44	0 6	23 28	0 7	10 6	1 36	18 47	0 15	20 29	1 29	12 50	17 26	15 9	15 1	23 5	9 35	0 42
S 15	18 48	27 25	4 13	13 3	1 37	27 17	3 49	16 57	0 5	23 28	0 7	10 5	1 36	18 47	0 15	20 29	1 29	12 51	17 26	15 12	15 2	23 6	9 36	0 42
M16	19 3	26 43	3 23	13 47	1 29	27 13	3 45	17 10	0 5	23 27	0 7	10 4	1 36	18 46	0 15	20 30	1 29	12 51	17 25	15 14	15 3	23 8	9 37	0 42
T 17	19 16	24 13	2 22	14 31	1 19	27 9	3 41	17 22	0 4	23 27	0 7	10 3	1 37	18 45	0 15	20 30	1 29	12 51	17 25	15 15	15 4	23 10	9 38	0 42
W18	19 30	20 20	1 14	15 16	1 10	27 4	3 36	17 35	0 4	23 27	0 7	10 2	1 37	18 45	0 15	20 30	1 29	12 51	17 24	15 16	15 5	23 12	9 39	0 42
T 19	19 43	15 31	0 3	16 0	1 0	26 59	3 31	17 47	0 3	23 26	0 7	10 1	1 37	18 44	0 15	20 31	1 29	12 51	17 24	15 16	15 6	23 14	9 41	0 42
F 20	19 56	10 9	1n 5	16 43	0 50	26 53	3 25	17 59	0 2	23 26	0 7	10 0	1 37	18 44	0 15	20 31	1 29	12 50	17 23	15 16	15 7	23 15	9 42	0 42
S 21	20 8	4 30	2 8	17 27	0 39	26 47	3 19	18 11	0 2	23 25	0 7	9 59	1 38	18 43	0 15	20 31	1 29	12 50	17 23	15 16	15 8	23 17	9 43	0 42
S 22	20 20	1n11	3 3	18 9	0 29	26 40	3 13	18 23	0 1	23 24	0 7	9 58	1 38	18 42	0 15	20 32	1 29	12 50	17 23	15 17	15 9	23 19	9 44	0 42
M23	20 32	6 43	3 50	18 50	0 18	26 33	3 6	18 34	0 0	23 24	0 7	9 57	1 38	18 42	0 15	20 32	1 29	12 50	17 22	15 19	15 10	23 20	9 45	0 42
T 24	20 44	11 56	4 25	19 31	0 8	26 26	2 59	18 46	0n 0	23 23	0 7	9 56	1 38	18 41	0 15	20 32	1 29	12 50	17 22	15 21	15 11	23 22	9 46	0 42
W25	20 55	16 41	4 49	20 10	0n 3	26 18	2 51	18 57	0 1	23 23	0 7	9 56	1 38	18 41	0 15	20 33	1 29	12 50	17 21	15 24	15 12	23 24	9 47	0 42
T 26	21 5	20 46	5 0	20 47	0 14	26 10	2 43	19 8	0 2	23 22	0 8	9 55	1 39	18 40	0 15	20 33	1 29	12 50	17 21	15 28	15 13	23 26	9 48	0 42
F 27	21 16	24 1	4 58	21 23	0 24	26 2	2 34	19 19	0 2	23 21	0 8	9 54	1 39	18 39	0 15	20 33	1 29	12 50	17 20	15 32	15 14	23 27	9 49	0 42
S 28	21 26	26 15	4 43	21 57	0 34	25 53	2 25	19 29	0 3	23 21	0 8	9 54	1 39	18 39	0 15	20 34	1 29	12 50	17 20	15 36	15 15	23 29	9 50	0 42
S 29	21 35	27 18	4 16	22 28	0 44	25 43	2 16	19 40	0 4	23 20	0 8	9 53	1 39	18 38	0 15	20 34	1 29	12 49	17 19	15 39	15 16	23 31	9 52	0 41
M30	21 45	27 5	3 37	22 58	0 53	25 33	2 6	19 50	0 4	23 19	0 8	9 52	1 40	18 38	0 15	20 34	1 29	12 49	17 19	15 42	15 17	23 32	9 53	0 41
T 31	21n54	25n34	2n48	23n24	1n 2	25n23	1n55	20n 0	0n 5	23n19	0n 8	9s52	1s40	18s37	0n15	20n35	1s29	12n49	17n18	15s44	15s18	23n34	9n54	0n41

Julian Day Number = 2352684.5, Delta T = 11.11 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'42, Lahiri = 20°04'42Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

JUNE 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 43	10♊20'33	25♋47	15♊ 2	1°R27	29♉31	9♋ 8	8♓43	24°R11	10♊26	7°R42	17°R 0	18♒27	23♉21	23♈51	W 1
T 2	16 41 40	11°17'58	8♌12	17°12	1♋ 9	0♊14	9°21	8°45	24♏ 9	10°28	7♎42	16♒58	18°24	23°28	23°54	T 2
F 3	16 45 36	12°15'23	20°51	19°21	0°49	0°56	9°33	8°47	24° 7	10°30	7°41	16°D58	18°21	23°34	23°57	F 3
S 4	16 49 33	13°12'46	3♍48	21°28	0°27	1°38	9°46	8°48	24° 4	10°32	7°41	16°59	18°18	23°41	23°59	S 4
S 5	16 53 29	14°10'08	17° 6	23°34	0° 2	2°21	9°59	8°50	24° 2	10°35	7°40	16°R59	18°15	23°48	24° 2	S 5
M 6	16 57 26	15° 7'29	0♎49	25°39	29♊35	3° 3	10°12	8°51	24° 0	10°37	7°40	16°58	18°12	23°54	24° 5	M 6
T 7	17 1 22	16° 4'48	14°57	27°41	29° 7	3°45	10°24	8°52	23°58	10°39	7°39	16°55	18° 8	24° 1	24° 8	T 7
W 8	17 5 19	17° 2'07	29°31	29°42	28°37	4°27	10°37	8°54	23°55	10°41	7°39	16°49	18° 5	24° 8	24°10	W 8
T 9	17 9 16	17°59'25	14♏26	1♋40	28° 5	5° 9	10°50	8°55	23°53	10°44	7°39	16°42	18° 2	24°15	24°13	T 9
F 10	17 13 12	18°56'42	29°34	3°36	27°31	5°52	11° 3	8°56	23°51	10°46	7°39	16°34	17°59	24°21	24°15	F 10
S 11	17 17 9	19°53'59	14♐46	5°30	26°56	6°34	11°16	8°57	23°49	10°48	7°38	16°26	17°56	24°28	24°18	S 11
S 12	17 21 5	20°51'15	29°52	7°22	26°21	7°15	11°29	8°57	23°47	10°50	7°38	16°18	17°52	24°35	24°20	S 12
M13	17 25 2	21°48'30	14♑41	9°11	25°44	7°57	11°42	8°58	23°44	10°52	7°38	16°13	17°49	24°41	24°23	M13
T 14	17 28 58	22°45'45	29° 7	10°58	25° 7	8°39	11°55	8°59	23°42	10°55	7°38	16°10	17°46	24°48	24°25	T 14
W15	17 32 55	23°42'59	13♒ 6	12°43	24°29	9°21	12° 8	8°59	23°40	10°57	7°38	16°D 8	17°43	24°55	24°27	W15
T 16	17 36 52	24°40'13	26°37	14°25	23°51	10° 3	12°21	9° 0	23°38	10°59	7°38	16° 9	17°40	25° 2	24°29	T 16
F 17	17 40 48	25°37'27	9♓40	16° 5	23°14	10°44	12°35	9° 0	23°36	11° 1	7°38	16°10	17°37	25° 8	24°32	F 17
S 18	17 44 45	26°34'41	22°21	17°43	22°37	11°26	12°48	9° 0	23°34	11° 3	7°D38	16°R11	17°33	25°15	24°34	S 18
S 19	17 48 41	27°31'55	4♈43	19°18	22° 0	12° 8	13° 1	9° 0	23°32	11° 6	7°38	16°10	17°30	25°22	24°36	S 19
M20	17 52 38	28°29'08	16°51	20°50	21°25	12°49	13°14	9°R 0	23°30	11° 8	7°38	16° 8	17°27	25°29	24°38	M20
T 21	17 56 34	29°26'21	28°49	22°21	20°50	13°31	13°28	9° 0	23°29	11°10	7°38	16° 5	17°24	25°35	24°40	T 21
W22	18 0 31	0♋23'35	10♉42	23°48	20°17	14°12	13°41	9° 0	23°27	11°12	7°38	15°59	17°21	25°42	24°42	W22
T 23	18 4 27	1°20'48	22°34	25°14	19°45	14°54	13°54	9° 0	23°25	11°14	7°38	15°52	17°18	25°49	24°44	T 23
F 24	18 8 24	2°18'02	4♊26	26°36	19°14	15°35	14° 7	8°59	23°23	11°16	7°38	15°44	17°14	25°55	24°46	F 24
S 25	18 12 21	3°15'15	16°23	27°56	18°46	16°16	14°21	8°59	23°21	11°18	7°38	15°36	17°11	26° 2	24°48	S 25
S 26	18 16 17	4°12'28	28°25	29°14	18°19	16°57	14°34	8°58	23°20	11°21	7°39	15°29	17° 8	26° 9	24°50	S 26
M27	18 20 14	5° 9'41	10♋33	0♌29	17°55	17°39	14°47	8°57	23°18	11°23	7°39	15°23	17° 5	26°16	24°51	M27
T 28	18 24 10	6° 6'54	22°51	1°41	17°32	18°20	15° 1	8°57	23°16	11°25	7°39	15°19	17° 2	26°22	24°53	T 28
W29	18 28 7	7° 4'07	5♌18	2°51	17°12	19° 1	15°14	8°56	23°15	11°27	7°40	15°17	16°58	26°29	24°55	W29
T 30	18 32 3	8♋ 1'19	17♌56	3♌57	16♊54	19♊42	15♋28	8♓55	23♏13	11♊29	7♎40	15°D16	16♒55	26♉36	24♈57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 2	22n49	1n50	23n49	1n11	25n12	1n44	20n10	0n 5	23n18	0n 8	9s51	1s40	18s37	0n15	20n35	1s29	12n49	17n18	15s46	15s19	23n36	9n55	0n41
T 2	22 10	19 0	0 47	24 10	1 19	25 1	1 33	20 20	0 6	23 17	0 8	9 51	1 40	18 36	0 15	20 35	1 29	12 49	17 17	15 46	15 20	23 37	9 56	0 41
F 3	22 18	14 14	0s21	24 29	1 26	24 49	1 21	20 29	0 7	23 16	0 8	9 51	1 41	18 35	0 15	20 36	1 29	12 48	17 17	15 46	15 21	23 39	9 57	0 41
S 4	22 25	8 45	1 28	24 45	1 33	24 37	1 9	20 39	0 7	23 15	0 8	9 50	1 41	18 35	0 15	20 36	1 29	12 48	17 16	15 46	15 22	23 41	9 58	0 41
S 5	22 32	2 45	2 33	24 58	1 39	24 25	0 56	20 48	0 8	23 14	0 8	9 50	1 41	18 34	0 15	20 36	1 29	12 48	17 16	15 46	15 23	23 42	9 59	0 41
M 6	22 39	3s33	3 32	25 9	1 45	24 12	0 43	20 57	0 9	23 14	0 9	9 50	1 41	18 34	0 15	20 37	1 29	12 47	17 15	15 47	15 24	23 44	9 59	0 41
T 7	22 45	9 53	4 19	25 17	1 49	23 59	0 30	21 5	0 9	23 13	0 9	9 49	1 41	18 33	0 15	20 37	1 29	12 47	17 15	15 47	15 25	23 46	10 0	0 41
W 8	22 51	15 51	4 51	25 22	1 53	23 45	0 17	21 14	0 10	23 12	0 9	9 49	1 42	18 33	0 15	20 37	1 29	12 47	17 14	15 49	15 26	23 47	10 1	0 41
T 9	22 56	21 2	5 4	25 24	1 56	23 31	0 3	21 22	0 11	23 11	0 9	9 49	1 42	18 32	0 15	20 38	1 29	12 46	17 14	15 51	15 27	23 49	10 2	0 41
F 10	23 1	24 55	4 57	25 24	1 59	23 16	0s11	21 30	0 11	23 10	0 9	9 49	1 42	18 32	0 15	20 38	1 29	12 46	17 13	15 54	15 28	23 50	10 3	0 41
S 11	23 5	27 3	4 28	25 22	2 0	23 1	0 25	21 38	0 12	23 9	0 9	9 49	1 42	18 31	0 15	20 38	1 29	12 46	17 13	15 56	15 29	23 52	10 4	0 41
S 12	23 10	27 10	3 42	25 17	2 1	22 46	0 39	21 46	0 12	23 8	0 9	9 49	1 43	18 31	0 15	20 38	1 29	12 45	17 12	15 58	15 30	23 54	10 5	0 41
M13	23 13	25 19	2 40	25 11	2 1	22 31	0 53	21 53	0 13	23 7	0 9	9 49	1 43	18 30	0 15	20 39	1 29	12 45	17 12	16 0	15 31	23 55	10 6	0 41
T 14	23 17	21 50	1 30	25 2	2 1	22 16	1 7	22 0	0 14	23 6	0 9	9 48	1 43	18 30	0 15	20 39	1 29	12 44	17 11	16 1	15 32	23 57	10 7	0 41
W15	23 20	17 10	0 16	24 51	2 0	22 0	1 21	22 7	0 14	23 5	0 9	9 49	1 43	18 29	0 15	20 39	1 29	12 44	17 11	16 1	15 33	23 58	10 7	0 41
T 16	23 22	11 47	0n56	24 39	1 58	21 45	1 35	22 14	0 15	23 3	0 9	9 49	1 44	18 29	0 15	20 40	1 29	12 43	17 10	16 1	15 34	24 0	10 8	0 41
F 17	23 24	6 3	2 3	24 24	1 55	21 29	1 49	22 21	0 16	23 2	0 9	9 49	1 44	18 28	0 14	20 40	1 29	12 43	17 10	16 1	15 35	24 2	10 9	0 41
S 18	23 26	0 15	3 2	24 9	1 52	21 14	2 3	22 27	0 16	23 1	0 10	9 49	1 44	18 28	0 14	20 40	1 29	12 42	17 9	16 1	15 36	24 3	10 10	0 41
S 19	23 27	5n25	3 51	23 52	1 48	20 58	2 16	22 34	0 17	23 0	0 10	9 49	1 44	18 27	0 14	20 41	1 29	12 42	17 9	16 1	15 37	24 5	10 10	0 41
M20	23 28	10 46	4 29	23 33	1 43	20 43	2 29	22 40	0 18	22 59	0 10	9 49	1 45	18 27	0 14	20 41	1 29	12 41	17 8	16 1	15 38	24 6	10 11	0 40
T 21	23 29	15 39	4 54	23 14	1 38	20 29	2 41	22 45	0 18	22 57	0 10	9 50	1 45	18 26	0 14	20 41	1 29	12 41	17 7	16 3	15 39	24 8	10 12	0 40
W22	23 29	19 54	5 6	22 53	1 32	20 14	2 53	22 51	0 19	22 56	0 10	9 50	1 45	18 26	0 14	20 41	1 29	12 40	17 7	16 4	15 40	24 9	10 13	0 40
T 23	23 28	23 22	5 6	22 31	1 25	20 1	3 5	22 56	0 19	22 55	0 10	9 50	1 45	18 25	0 14	20 42	1 29	12 40	17 6	16 6	15 41	24 11	10 13	0 40
F 24	23 27	25 50	4 52	22 9	1 18	19 47	3 16	23 2	0 20	22 54	0 10	9 50	1 46	18 25	0 14	20 42	1 29	12 39	17 6	16 9	15 42	24 12	10 14	0 40
S 25	23 26	27 10	4 25	21 45	1 10	19 34	3 26	23 7	0 21	22 52	0 10	9 51	1 46	18 25	0 14	20 42	1 29	12 39	17 5	16 11	15 42	24 14	10 15	0 40
S 26	23 25	27 14	3 46	21 21	1 2	19 22	3 37	23 11	0 21	22 51	0 10	9 51	1 46	18 24	0 14	20 43	1 29	12 38	17 5	16 13	15 43	24 15	10 15	0 40
M27	23 23	26 0	2 57	20 57	0 53	19 10	3 46	23 16	0 22	22 50	0 10	9 52	1 46	18 24	0 14	20 43	1 29	12 37	17 4	16 15	15 44	24 17	10 16	0 40
T 28	23 20	23 29	1 59	20 32	0 44	18 59	3 55	23 20	0 23	22 48	0 10	9 52	1 46	18 23	0 14	20 43	1 29	12 37	17 4	16 16	15 45	24 18	10 16	0 40
W29	23 17	19 51	0 54	20 7	0 34	18 49	4 3	23 24	0 23	22 47	0 11	9 53	1 47	18 23	0 14	20 43	1 29	12 36	17 3	16 17	15 46	24 20	10 17	0 40
T 30	23n14	15n15	0s15	19n41	0n24	18n40	4s11	23n28	0n24	22n45	0n11	9s53	1s47	18s23	0n14	20n44	1s29	12n36	17n 3	16s17	15s47	24n21	10n18	0n40

Julian Day Number = 2352715.5, Delta T = 11.12 sec
Ecliptic obliquity = 23°28'34, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'46, Lahiri = 20°04'47Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1729
geocentric

JULY 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 0	8♋58'32	0♍47	5♌ 1	16°R38	20♊23	15♋41	8°R54	23°R12	11♊31	7♎41	15♒17	16♒52	26♉42	24♈58	F 1
S 2	18 39 56	9°55'44	13°54	6° 2	16♊25	21° 4	15°54	8♓53	23♏10	11°33	7°41	15°19	16°49	26°49	25° 0	S 2
S 3	18 43 53	10°52'56	27°17	6°59	16°14	21°45	16° 8	8°51	23° 9	11°35	7°41	15°20	16°46	26°56	25° 1	S 3
M 4	18 47 50	11°50'07	10♎59	7°53	16° 6	22°26	16°21	8°50	23° 8	11°37	7°42	15°R21	16°43	27° 3	25° 2	M 4
T 5	18 51 46	12°47'19	25° 0	8°45	15°59	23° 6	16°35	8°48	23° 6	11°39	7°43	15°20	16°39	27° 9	25° 4	T 5
W 6	18 55 43	13°44'30	9♏20	9°32	15°56	23°47	16°48	8°47	23° 5	11°41	7°43	15°18	16°36	27°16	25° 5	W 6
T 7	18 59 39	14°41'42	23°56	10°16	15°D54	24°28	17° 2	8°45	23° 4	11°43	7°44	15°15	16°33	27°23	25° 6	T 7
F 8	19 3 36	15°38'53	8♐43	10°56	15°55	25° 8	17°15	8°43	23° 2	11°45	7°44	15°11	16°30	27°30	25° 8	F 8
S 9	19 7 32	16°36'05	23°34	11°33	15°58	25°49	17°29	8°42	23° 1	11°47	7°45	15° 7	16°27	27°36	25° 9	S 9
S 10	19 11 29	17°33'16	8♑22	12° 5	16° 3	26°30	17°42	8°40	23° 0	11°49	7°46	15° 4	16°24	27°43	25°10	S 10
M11	19 15 26	18°30'28	22°58	12°33	16°11	27°10	17°55	8°38	22°59	11°51	7°47	15° 1	16°20	27°50	25°11	M11
T 12	19 19 22	19°27'40	7♒16	12°57	16°21	27°50	18° 9	8°36	22°58	11°52	7°47	15° 0	16°17	27°56	25°12	T 12
W13	19 23 19	20°24'53	21°12	13°17	16°32	28°31	18°22	8°33	22°57	11°54	7°48	15°D 0	16°14	28° 3	25°13	W13
T 14	19 27 15	21°22'06	4♓43	13°32	16°46	29°11	18°36	8°31	22°56	11°56	7°49	15° 1	16°11	28°10	25°14	T 14
F 15	19 31 12	22°19'20	17°50	13°42	17° 2	29°51	18°49	8°29	22°55	11°58	7°50	15° 2	16° 8	28°17	25°15	F 15
S 16	19 35 8	23°16'34	0♈35	13°48	17°20	0♋32	19° 3	8°26	22°54	12° 0	7°51	15° 3	16° 4	28°23	25°15	S 16
S 17	19 39 5	24°13'50	13° 0	13°R48	17°39	1°12	19°16	8°24	22°54	12° 1	7°52	15° 5	16° 1	28°30	25°16	S 17
M18	19 43 1	25°11'06	25°11	13°44	18° 1	1°52	19°29	8°21	22°53	12° 3	7°53	15°R 5	15°58	28°37	25°17	M18
T 19	19 46 58	26° 8'23	7♉10	13°35	18°24	2°32	19°43	8°18	22°52	12° 5	7°54	15° 5	15°55	28°43	25°17	T 19
W20	19 50 55	27° 5'40	19° 4	13°21	18°49	3°12	19°56	8°16	22°52	12° 7	7°55	15° 3	15°52	28°50	25°18	W20
T 21	19 54 51	28° 2'59	0♊57	13° 2	19°15	3°52	20°10	8°13	22°51	12° 8	7°56	15° 1	15°49	28°57	25°19	T 21
F 22	19 58 48	29° 0'19	12°51	12°38	19°43	4°32	20°23	8°10	22°51	12°10	7°57	14°59	15°45	29° 4	25°19	F 22
S 23	20 2 44	29°57'39	24°52	12°10	20°12	5°12	20°36	8° 7	22°50	12°12	7°58	14°57	15°42	29°10	25°19	S 23
S 24	20 6 41	0♌55'01	7♋ 1	11°38	20°43	5°52	20°50	8° 4	22°50	12°13	7°59	14°55	15°39	29°17	25°20	S 24
M25	20 10 37	1°52'23	19°21	11° 2	21°16	6°32	21° 3	8° 1	22°49	12°15	8° 1	14°53	15°36	29°24	25°20	M25
T 26	20 14 34	2°49'46	1♌53	10°23	21°49	7°12	21°16	7°57	22°49	12°17	8° 2	14°52	15°33	29°31	25°20	T 26
W27	20 18 30	3°47'10	14°38	9°41	22°24	7°51	21°30	7°54	22°49	12°18	8° 3	14°D52	15°30	29°37	25°20	W27
T 28	20 22 27	4°44'35	27°36	8°57	23° 0	8°31	21°43	7°51	22°48	12°20	8° 4	14°52	15°26	29°44	25°21	T 28
F 29	20 26 24	5°42'00	10♍48	8°12	23°38	9°11	21°56	7°47	22°48	12°21	8° 6	14°53	15°23	29°51	25°21	F 29
S 30	20 30 20	6°39'26	24°14	7°26	24°16	9°50	22° 9	7°44	22°48	12°23	8° 7	14°53	15°20	29°57	25°R21	S 30
S 31	20 34 17	7♌36'53	7♎52	6♌41	24♊56	10♋30	22♋22	7♓40	22♏48	12♊24	8♎ 8	14♒54	15♒17	0♊ 4	25♈21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n10	9n54	1s24	19n16	0n13	18n31	4s19	23n32	0n24	22n44	0n11	9s54	1s47	18s22	0n14	20n44	1s29	12n35	17n 2	16s17	15s48	24n23	10n18	0n40
S 2	23 6	4 3	2 30	18 50	0 2	18 23	4 25	23 35	0 25	22 42	0 11	9 55	1 47	18 22	0 14	20 44	1 29	12 34	17 2	16 16	15 49	24 24	10 19	0 40
S 3	23 2	2s 7	3 29	18 24	0s 9	18 16	4 31	23 39	0 26	22 41	0 11	9 55	1 48	18 22	0 14	20 44	1 29	12 34	17 1	16 16	15 50	24 26	10 19	0 40
M 4	22 57	8 18	4 18	17 59	0 21	18 9	4 37	23 42	0 26	22 39	0 11	9 56	1 48	18 21	0 14	20 45	1 29	12 33	17 0	16 16	15 51	24 27	10 20	0 40
T 5	22 52	14 14	4 53	17 33	0 34	18 4	4 42	23 45	0 27	22 38	0 11	9 57	1 48	18 21	0 14	20 45	1 29	12 32	17 0	16 16	15 52	24 28	10 20	0 40
W 6	22 46	19 31	5 11	17 9	0 47	17 59	4 47	23 47	0 27	22 36	0 11	9 58	1 48	18 21	0 14	20 45	1 29	12 31	16 59	16 16	15 53	24 30	10 20	0 40
T 7	22 40	23 46	5 9	16 44	1 0	17 54	4 51	23 50	0 28	22 35	0 11	9 59	1 49	18 20	0 14	20 45	1 29	12 31	16 59	16 17	15 54	24 31	10 21	0 40
F 8	22 33	26 30	4 46	16 20	1 13	17 51	4 55	23 52	0 29	22 33	0 11	9 59	1 49	18 20	0 14	20 46	1 29	12 30	16 58	16 18	15 55	24 33	10 21	0 40
S 9	22 27	27 24	4 5	15 57	1 27	17 48	4 58	23 54	0 29	22 31	0 11	10 0	1 49	18 20	0 14	20 46	1 29	12 29	16 58	16 20	15 56	24 34	10 22	0 40
S 10	22 19	26 20	3 7	15 35	1 41	17 46	5 1	23 56	0 30	22 30	0 12	10 1	1 49	18 20	0 14	20 46	1 29	12 28	16 57	16 21	15 57	24 36	10 22	0 40
M11	22 12	23 27	1 58	15 14	1 55	17 44	5 3	23 57	0 31	22 28	0 12	10 2	1 49	18 19	0 14	20 46	1 29	12 28	16 57	16 21	15 58	24 37	10 22	0 40
T 12	22 4	19 10	0 42	14 53	2 9	17 43	5 5	23 59	0 31	22 26	0 12	10 3	1 50	18 19	0 14	20 47	1 29	12 27	16 56	16 22	15 59	24 38	10 23	0 40
W13	21 55	13 55	0n34	14 34	2 23	17 43	5 6	24 0	0 32	22 25	0 12	10 4	1 50	18 19	0 14	20 47	1 29	12 26	16 56	16 22	16 0	24 40	10 23	0 39
T 14	21 47	8 9	1 46	14 16	2 37	17 43	5 8	24 1	0 32	22 23	0 12	10 5	1 50	18 19	0 14	20 47	1 29	12 25	16 55	16 21	16 1	24 41	10 23	0 39
F 15	21 37	2 12	2 51	14 0	2 51	17 44	5 8	24 2	0 33	22 21	0 12	10 6	1 50	18 18	0 14	20 47	1 29	12 24	16 55	16 21	16 2	24 42	10 24	0 39
S 16	21 28	3n40	3 45	13 45	3 5	17 45	5 9	24 2	0 34	22 19	0 12	10 7	1 50	18 18	0 14	20 47	1 29	12 24	16 54	16 21	16 3	24 44	10 24	0 39
S 17	21 18	9 14	4 27	13 32	3 19	17 46	5 9	24 2	0 34	22 17	0 12	10 9	1 51	18 18	0 14	20 48	1 29	12 23	16 54	16 20	16 4	24 45	10 24	0 39
M18	21 8	14 21	4 56	13 20	3 32	17 48	5 9	24 3	0 35	22 16	0 12	10 10	1 51	18 18	0 14	20 48	1 29	12 22	16 53	16 20	16 4	24 46	10 24	0 39
T 19	20 57	18 50	5 12	13 11	3 45	17 51	5 9	24 2	0 35	22 14	0 12	10 11	1 51	18 18	0 14	20 48	1 29	12 21	16 53	16 20	16 5	24 48	10 24	0 39
W20	20 46	22 33	5 14	13 3	3 57	17 53	5 8	24 2	0 36	22 12	0 13	10 12	1 51	18 18	0 14	20 48	1 29	12 20	16 52	16 21	16 6	24 49	10 25	0 39
T 21	20 35	25 19	5 3	12 58	4 8	17 56	5 7	24 2	0 37	22 10	0 13	10 13	1 51	18 17	0 14	20 48	1 29	12 19	16 52	16 21	16 7	24 50	10 25	0 39
F 22	20 23	26 59	4 39	12 54	4 19	18 0	5 6	24 1	0 37	22 8	0 13	10 15	1 52	18 17	0 14	20 49	1 29	12 18	16 51	16 22	16 8	24 52	10 25	0 39
S 23	20 11	27 24	4 2	12 53	4 28	18 3	5 4	24 0	0 38	22 6	0 13	10 16	1 52	18 17	0 14	20 49	1 29	12 18	16 51	16 23	16 9	24 53	10 25	0 39
S 24	19 59	26 31	3 14	12 53	4 37	18 7	5 3	23 59	0 38	22 4	0 13	10 17	1 52	18 17	0 14	20 49	1 29	12 17	16 50	16 23	16 10	24 54	10 25	0 39
M25	19 46	24 20	2 16	12 56	4 43	18 11	5 1	23 58	0 39	22 2	0 13	10 19	1 52	18 17	0 14	20 49	1 29	12 16	16 50	16 24	16 11	24 56	10 25	0 39
T 26	19 33	20 56	1 11	13 2	4 49	18 15	4 59	23 56	0 40	22 0	0 13	10 20	1 52	18 17	0 14	20 49	1 29	12 15	16 49	16 24	16 12	24 57	10 25	0 39
W27	19 20	16 29	0 1	13 9	4 53	18 20	4 56	23 55	0 40	21 58	0 13	10 22	1 53	18 17	0 14	20 49	1 29	12 14	16 49	16 24	16 13	24 58	10 25	0 39
T 28	19 6	11 14	1s10	13 18	4 55	18 24	4 54	23 53	0 41	21 56	0 13	10 23	1 53	18 17	0 14	20 50	1 30	12 13	16 48	16 24	16 14	25 0	10 25	0 39
F 29	18 53	5 23	2 19	13 29	4 56	18 28	4 51	23 51	0 41	21 54	0 13	10 24	1 53	18 17	0 14	20 50	1 30	12 12	16 48	16 24	16 15	25 1	10 25	0 39
S 30	18 38	0s47	3 21	13 42	4 54	18 33	4 48	23 48	0 42	21 52	0 14	10 26	1 53	18 17	0 14	20 50	1 30	12 11	16 47	16 24	16 16	25 2	10 25	0 39
S 31	18n24	7s 0	4s13	13n56	4s51	18n38	4s45	23n46	0n42	21n50	0n14	10s27	1s53	18s17	0n14	20n50	1s30	12n10	16n47	16s23	16s17	25n 3	10n25	0n39

Julian Day Number = 2352745.5, Delta T = 11.13 sec
Ecliptic obliquity = 23°28'34, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'50, Lahiri = 20°04'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

AUGUST 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 13	8♌34'21	21♎43	5°R57	25♊36	11♋ 9	22♋36	7°R36	22°D48	12♊25	8♎10	14♒55	15♒14	0♊11	25°R20	M 1
T 2	20 42 10	9°31'49	5♏46	5♌15	26°18	11°49	22°49	7♓33	22♏48	12°27	8°11	14°R55	15°10	0°18	25♈20	T 2
W 3	20 46 6	10°29'18	19°58	4°35	27° 0	12°28	23° 2	7°29	22°48	12°28	8°13	14°55	15° 7	0°24	25°20	W 3
T 4	20 50 3	11°26'48	4♐18	3°59	27°44	13° 7	23°15	7°25	22°48	12°30	8°14	14°55	15° 4	0°31	25°20	T 4
F 5	20 53 59	12°24'18	18°42	3°28	28°28	13°47	23°28	7°21	22°48	12°31	8°16	14°54	15° 1	0°38	25°19	F 5
S 6	20 57 56	13°21'50	3♑ 7	3° 2	29°14	14°26	23°41	7°17	22°48	12°32	8°17	14°54	14°58	0°44	25°19	S 6
S 7	21 1 53	14°19'22	17°28	2°41	0♋ 0	15° 5	23°54	7°13	22°49	12°34	8°19	14°54	14°55	0°51	25°19	S 7
M 8	21 5 49	15°16'56	1♒40	2°26	0°47	15°44	24° 7	7° 9	22°49	12°35	8°20	14°D54	14°51	0°58	25°18	M 8
T 9	21 9 46	16°14'30	15°39	2°18	1°35	16°23	24°20	7° 5	22°49	12°36	8°22	14°R54	14°48	1° 5	25°18	T 9
W10	21 13 42	17°12'06	29°21	2°D17	2°24	17° 2	24°33	7° 1	22°50	12°37	8°23	14°54	14°45	1°11	25°17	W10
T 11	21 17 39	18° 9'43	12♓44	2°22	3°13	17°41	24°46	6°57	22°50	12°38	8°25	14°54	14°42	1°18	25°16	T 11
F 12	21 21 35	19° 7'21	25°47	2°35	4° 3	18°20	24°58	6°53	22°51	12°39	8°27	14°53	14°39	1°25	25°16	F 12
S 13	21 25 32	20° 5'00	8♈31	2°55	4°54	18°59	25°11	6°49	22°52	12°41	8°28	14°53	14°36	1°31	25°15	S 13
S 14	21 29 28	21° 2'42	20°58	3°23	5°45	19°38	25°24	6°44	22°52	12°42	8°30	14°52	14°32	1°38	25°14	S 14
M15	21 33 25	22° 0'25	3♉10	3°58	6°37	20°17	25°37	6°40	22°53	12°43	8°32	14°52	14°29	1°45	25°13	M15
T 16	21 37 22	22°58'09	15°11	4°40	7°30	20°56	25°49	6°36	22°54	12°44	8°34	14°51	14°26	1°52	25°12	T 16
W17	21 41 18	23°55'55	27° 5	5°30	8°24	21°35	26° 2	6°31	22°54	12°45	8°35	14°D51	14°23	1°58	25°11	W17
T 18	21 45 15	24°53'43	8♊58	6°26	9°18	22°13	26°14	6°27	22°55	12°46	8°37	14°51	14°20	2° 5	25°10	T 18
F 19	21 49 11	25°51'33	20°54	7°29	10°12	22°52	26°27	6°22	22°56	12°47	8°39	14°52	14°16	2°12	25° 9	F 19
S 20	21 53 8	26°49'24	2♋57	8°38	11° 7	23°31	26°39	6°18	22°57	12°47	8°41	14°53	14°13	2°18	25° 8	S 20
S 21	21 57 4	27°47'17	15°11	9°54	12° 3	24° 9	26°52	6°13	22°58	12°48	8°43	14°54	14°10	2°25	25° 7	S 21
M22	22 1 1	28°45'12	27°39	11°15	12°59	24°48	27° 4	6° 9	22°59	12°49	8°45	14°55	14° 7	2°32	25° 6	M22
T 23	22 4 57	29°43'08	10♌24	12°41	13°55	25°26	27°16	6° 4	23° 0	12°50	8°47	14°R56	14° 4	2°39	25° 4	T 23
W24	22 8 54	0♍41'06	23°28	14°13	14°52	26° 5	27°29	6° 0	23° 1	12°51	8°49	14°56	14° 1	2°45	25° 3	W24
T 25	22 12 51	1°39'06	6♍49	15°48	15°50	26°43	27°41	5°55	23° 3	12°51	8°51	14°55	13°57	2°52	25° 2	T 25
F 26	22 16 47	2°37'07	20°26	17°28	16°48	27°21	27°53	5°51	23° 4	12°52	8°53	14°53	13°54	2°59	25° 0	F 26
S 27	22 20 44	3°35'09	4♎18	19°11	17°46	28° 0	28° 5	5°46	23° 5	12°53	8°55	14°51	13°51	3° 5	24°59	S 27
S 28	22 24 40	4°33'13	18°22	20°58	18°45	28°38	28°17	5°42	23° 6	12°54	8°57	14°48	13°48	3°12	24°57	S 28
M29	22 28 37	5°31'19	2♏32	22°47	19°44	29°16	28°29	5°37	23° 8	12°54	8°59	14°46	13°45	3°19	24°55	M29
T 30	22 32 33	6°29'26	16°46	24°38	20°44	29°54	28°41	5°32	23° 9	12°55	9° 1	14°44	13°41	3°26	24°54	T 30
W31	22 36 30	7♍27'35	1♐ 1	26♌30	21♋44	0♌32	28♋53	5♓28	23♏11	12♊55	9♎ 3	14°D43	13♒38	3♊32	24♈52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 9	12s58	4s51	14n11	4s46	18n42	4s42	23n43	0n43	21n48	0n14	10s29	1s53	18s17	0n14	20n50	1s30	12n 9	16n46	16s23	16s18	25n 5	10n25	0n39
T 2	17 54	18 22	5 13	14 28	4 39	18 47	4 39	23 40	0 44	21 46	0 14	10 31	1 54	18 17	0 14	20 50	1 30	12 8	16 46	16 23	16 19	25 6	10 25	0 39
W 3	17 38	22 49	5 16	14 45	4 31	18 51	4 36	23 37	0 44	21 44	0 14	10 32	1 54	18 17	0 14	20 51	1 30	12 7	16 45	16 23	16 20	25 7	10 25	0 39
T 4	17 22	25 56	4 59	15 3	4 21	18 55	4 32	23 34	0 45	21 42	0 14	10 34	1 54	18 17	0 14	20 51	1 30	12 6	16 45	16 23	16 20	25 8	10 25	0 39
F 5	17 6	27 22	4 23	15 22	4 10	19 0	4 28	23 31	0 45	21 40	0 14	10 35	1 54	18 17	0 14	20 51	1 30	12 5	16 45	16 23	16 21	25 9	10 25	0 39
S 6	16 50	26 58	3 31	15 40	3 57	19 4	4 25	23 27	0 46	21 38	0 14	10 37	1 54	18 17	0 13	20 51	1 30	12 4	16 44	16 23	16 22	25 11	10 24	0 38
S 7	16 34	24 45	2 26	15 58	3 43	19 8	4 21	23 24	0 47	21 36	0 14	10 39	1 54	18 17	0 13	20 51	1 30	12 3	16 44	16 23	16 23	25 12	10 24	0 38
M 8	16 17	21 0	1 13	16 16	3 28	19 12	4 17	23 20	0 47	21 34	0 14	10 40	1 55	18 17	0 13	20 51	1 30	12 2	16 43	16 23	16 24	25 13	10 24	0 38
T 9	16 0	16 6	0n 4	16 33	3 12	19 15	4 13	23 15	0 48	21 31	0 15	10 42	1 55	18 17	0 13	20 51	1 30	12 1	16 43	16 23	16 25	25 14	10 24	0 38
W10	15 42	10 29	1 19	16 50	2 56	19 19	4 9	23 11	0 48	21 29	0 15	10 43	1 55	18 18	0 13	20 51	1 30	12 0	16 43	16 23	16 26	25 15	10 23	0 38
T 11	15 25	4 30	2 28	17 5	2 39	19 22	4 4	23 7	0 49	21 27	0 15	10 45	1 55	18 18	0 13	20 52	1 30	11 59	16 42	16 23	16 27	25 17	10 23	0 38
F 12	15 7	1n30	3 28	17 18	2 22	19 25	4 0	23 2	0 49	21 25	0 15	10 47	1 55	18 18	0 13	20 52	1 30	11 58	16 42	16 24	16 28	25 18	10 23	0 38
S 13	14 49	7 17	4 15	17 31	2 5	19 28	3 55	22 57	0 50	21 23	0 15	10 49	1 55	18 18	0 13	20 52	1 30	11 57	16 41	16 24	16 29	25 19	10 22	0 38
S 14	14 30	12 40	4 50	17 41	1 47	19 30	3 51	22 52	0 51	21 20	0 15	10 50	1 55	18 18	0 13	20 52	1 30	11 56	16 41	16 24	16 30	25 20	10 22	0 38
M15	14 12	17 26	5 10	17 50	1 30	19 32	3 46	22 47	0 51	21 18	0 15	10 52	1 56	18 18	0 13	20 52	1 30	11 55	16 41	16 24	16 31	25 21	10 22	0 38
T 16	13 53	21 27	5 17	17 56	1 13	19 34	3 42	22 42	0 52	21 16	0 15	10 54	1 56	18 19	0 13	20 52	1 30	11 54	16 40	16 24	16 32	25 22	10 21	0 38
W17	13 34	24 33	5 9	18 1	0 57	19 36	3 37	22 36	0 52	21 14	0 15	10 55	1 56	18 19	0 13	20 52	1 30	11 53	16 40	16 24	16 33	25 23	10 21	0 38
T 18	13 15	26 35	4 49	18 2	0 40	19 37	3 32	22 31	0 53	21 11	0 16	10 57	1 56	18 19	0 13	20 52	1 30	11 52	16 39	16 24	16 33	25 25	10 21	0 38
F 19	12 55	27 25	4 16	18 2	0 25	19 38	3 28	22 25	0 53	21 9	0 16	10 59	1 56	18 19	0 13	20 52	1 30	11 51	16 39	16 24	16 34	25 26	10 20	0 38
S 20	12 35	26 58	3 32	17 58	0 10	19 39	3 23	22 19	0 54	21 7	0 16	11 1	1 56	18 20	0 13	20 52	1 30	11 50	16 39	16 24	16 35	25 27	10 20	0 38
S 21	12 16	25 13	2 37	17 52	0n 4	19 39	3 18	22 13	0 55	21 5	0 16	11 2	1 56	18 20	0 13	20 52	1 30	11 49	16 38	16 23	16 36	25 28	10 19	0 38
M22	11 56	22 12	1 34	17 43	0 18	19 39	3 13	22 6	0 55	21 2	0 16	11 4	1 56	18 20	0 13	20 52	1 31	11 48	16 38	16 23	16 37	25 29	10 19	0 38
T 23	11 35	18 4	0 25	17 31	0 30	19 38	3 8	22 0	0 56	21 0	0 16	11 6	1 56	18 20	0 13	20 53	1 31	11 47	16 38	16 23	16 38	25 30	10 18	0 38
W24	11 15	12 59	0s47	17 16	0 42	19 37	3 3	21 53	0 56	20 58	0 16	11 8	1 56	18 21	0 13	20 53	1 31	11 46	16 37	16 23	16 39	25 31	10 18	0 38
T 25	10 54	7 12	1 58	16 58	0 53	19 35	2 58	21 47	0 57	20 56	0 16	11 9	1 57	18 21	0 13	20 53	1 31	11 45	16 37	16 23	16 40	25 32	10 17	0 38
F 26	10 33	0 59	3 3	16 37	1 3	19 34	2 53	21 40	0 57	20 53	0 17	11 11	1 57	18 21	0 13	20 53	1 31	11 44	16 37	16 24	16 41	25 33	10 16	0 37
S 27	10 12	5s22	3 59	16 13	1 11	19 31	2 48	21 33	0 58	20 51	0 17	11 13	1 57	18 22	0 13	20 53	1 31	11 43	16 37	16 24	16 42	25 34	10 16	0 37
S 28	9 51	11 33	4 42	15 47	1 19	19 29	2 43	21 25	0 59	20 49	0 17	11 15	1 57	18 22	0 13	20 53	1 31	11 42	16 36	16 25	16 43	25 35	10 15	0 37
M29	9 30	17 10	5 7	15 18	1 26	19 25	2 38	21 18	0 59	20 46	0 17	11 17	1 57	18 22	0 13	20 53	1 31	11 41	16 36	16 26	16 44	25 36	10 15	0 37
T 30	9 9	21 53	5 14	14 46	1 32	19 22	2 33	21 10	1 0	20 44	0 17	11 18	1 57	18 23	0 13	20 53	1 31	11 40	16 36	16 26	16 44	25 38	10 14	0 37
W31	8n47	25s19	5s 2	14n13	1n37	19n18	2s27	21n 3	1n 0	20n42	0n17	11s20	1s57	18s23	0n13	20n53	1s31	11n39	16n35	16s27	16s45	25n39	10n13	0n37

Julian Day Number = 2352776.5, Delta T = 11.14 sec
Ecliptic obliquity = 23°28'34, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'55, Lahiri = 20°04'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

SEPTEMBER 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 26	8♍25'45	15♐14	28♌24	22♋44	1♌10	29♋ 4	5°R23	23♏12	12♊56	9♎ 5	14♒43	13♒35	3♊39	24°R50	T 1
F 2	22 44 23	9°23'56	29°22	0♍19	23°45	1°48	29°16	5♓19	23°14	12°56	9° 7	14°44	13°32	3°46	24♈49	F 2
S 3	22 48 20	10°22'09	13♑24	2°14	24°46	2°26	29°28	5°14	23°16	12°57	9° 9	14°45	13°29	3°52	24°47	S 3
S 4	22 52 16	11°20'23	27°18	4°10	25°47	3° 4	29°39	5°10	23°17	12°57	9°11	14°46	13°26	3°59	24°45	S 4
M 5	22 56 13	12°18'39	11♒ 3	6° 5	26°49	3°42	29°51	5° 5	23°19	12°57	9°13	14°R47	13°22	4° 6	24°43	M 5
T 6	23 0 9	13°16'57	24°36	8° 1	27°51	4°20	0♌ 2	5° 1	23°21	12°58	9°15	14°47	13°19	4°13	24°41	T 6
W 7	23 4 6	14°15'16	7♓57	9°56	28°54	4°57	0°14	4°56	23°23	12°58	9°18	14°45	13°16	4°19	24°39	W 7
T 8	23 8 2	15°13'37	21° 4	11°51	29°56	5°35	0°25	4°52	23°24	12°58	9°20	14°42	13°13	4°26	24°37	T 8
F 9	23 11 59	16°11'59	3♈56	13°45	0♌59	6°13	0°36	4°47	23°26	12°59	9°22	14°37	13°10	4°33	24°35	F 9
S 10	23 15 55	17°10'24	16°33	15°38	2° 3	6°50	0°47	4°43	23°28	12°59	9°24	14°32	13° 7	4°39	24°33	S 10
S 11	23 19 52	18° 8'51	28°55	17°30	3° 6	7°28	0°58	4°38	23°30	12°59	9°26	14°26	13° 3	4°46	24°31	S 11
M12	23 23 48	19° 7'20	11♉ 5	19°22	4°10	8° 5	1° 9	4°34	23°32	12°59	9°29	14°21	13° 0	4°53	24°28	M12
T 13	23 27 45	20° 5'51	23° 6	21°12	5°15	8°43	1°20	4°30	23°34	12°59	9°31	14°16	12°57	5° 0	24°26	T 13
W14	23 31 42	21° 4'24	4♊59	23° 2	6°19	9°20	1°31	4°25	23°37	12°59	9°33	14°13	12°54	5° 6	24°24	W14
T 15	23 35 38	22° 2'59	16°51	24°51	7°24	9°57	1°41	4°21	23°39	12°59	9°35	14°D12	12°51	5°13	24°22	T 15
F 16	23 39 35	23° 1'37	28°46	26°39	8°29	10°35	1°52	4°17	23°41	12°R59	9°38	14°12	12°47	5°20	24°19	F 16
S 17	23 43 31	24° 0'17	10♋48	28°25	9°34	11°12	2° 2	4°13	23°43	12°59	9°40	14°13	12°44	5°26	24°17	S 17
S 18	23 47 28	24°58'59	23° 2	0♎11	10°40	11°49	2°13	4° 9	23°46	12°59	9°42	14°15	12°41	5°33	24°15	S 18
M19	23 51 24	25°57'43	5♌34	1°56	11°45	12°26	2°23	4° 5	23°48	12°59	9°45	14°16	12°38	5°40	24°12	M19
T 20	23 55 21	26°56'30	18°26	3°39	12°51	13° 4	2°33	4° 1	23°50	12°59	9°47	14°R16	12°35	5°47	24°10	T 20
W21	23 59 17	27°55'18	1♍41	5°22	13°58	13°41	2°44	3°57	23°53	12°59	9°49	14°15	12°32	5°53	24° 7	W21
T 22	0 3 14	28°54'09	15°21	7° 4	15° 4	14°18	2°54	3°53	23°55	12°59	9°51	14°11	12°28	6° 0	24° 5	T 22
F 23	0 7 11	29°53'02	29°22	8°45	16°11	14°55	3° 4	3°49	23°58	12°59	9°54	14° 6	12°25	6° 7	24° 2	F 23
S 24	0 11 7	0♎51'57	13♎42	10°25	17°17	15°31	3°13	3°45	24° 0	12°58	9°56	13°59	12°22	6°13	23°59	S 24
S 25	0 15 4	1°50'53	28°13	12° 4	18°24	16° 8	3°23	3°41	24° 3	12°58	9°58	13°51	12°19	6°20	23°57	S 25
M26	0 19 0	2°49'52	12♏51	13°42	19°32	16°45	3°33	3°37	24° 5	12°58	10° 1	13°44	12°16	6°27	23°54	M26
T 27	0 22 57	3°48'53	27°26	15°19	20°39	17°22	3°42	3°34	24° 8	12°57	10° 3	13°38	12°13	6°34	23°51	T 27
W28	0 26 53	4°47'55	11♐55	16°56	21°47	17°58	3°52	3°30	24°11	12°57	10° 6	13°33	12° 9	6°40	23°49	W28
T 29	0 30 50	5°46'59	26°12	18°31	22°55	18°35	4° 1	3°27	24°14	12°57	10° 8	13°31	12° 6	6°47	23°46	T 29
F 30	0 34 46	6♎46'05	10♑15	20♎ 6	24♌ 3	19♌12	4♌10	3♓23	24♏16	12♊56	10♎10	13°D31	12♒ 3	6♊54	23♈43	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n25	27s 9	4s31	13n37	1n41	19n13	2s22	20n55	1n 1	20n39	0n17	11s22	1s57	18s24	0n13	20n53	1s31	11n38	16n35	16s27	16s46	25n40	10n13	0n37
F 2	8 3	27 12	3 44	13 0	1 44	19 8	2 17	20 47	1 1	20 37	0 17	11 23	1 57	18 24	0 13	20 53	1 31	11 37	16 35	16 26	16 47	25 41	10 12	0 37
S 3	7 41	25 31	2 44	12 20	1 46	19 3	2 12	20 39	1 2	20 35	0 17	11 25	1 57	18 25	0 13	20 53	1 31	11 36	16 35	16 26	16 48	25 42	10 11	0 37
S 4	7 19	22 17	1 34	11 40	1 47	18 57	2 7	20 31	1 2	20 32	0 18	11 27	1 57	18 25	0 13	20 53	1 31	11 35	16 34	16 26	16 49	25 43	10 10	0 37
M 5	6 57	17 49	0 21	10 58	1 48	18 50	2 2	20 23	1 3	20 30	0 18	11 29	1 57	18 25	0 13	20 53	1 31	11 34	16 34	16 25	16 50	25 44	10 10	0 37
T 6	6 35	12 30	0n54	10 14	1 48	18 43	1 57	20 14	1 4	20 28	0 18	11 30	1 57	18 26	0 13	20 53	1 31	11 33	16 34	16 26	16 51	25 45	10 9	0 37
W 7	6 12	6 42	2 3	9 30	1 47	18 36	1 51	20 6	1 4	20 26	0 18	11 32	1 57	18 26	0 13	20 53	1 31	11 32	16 34	16 26	16 52	25 46	10 8	0 37
T 8	5 50	0 43	3 5	8 45	1 46	18 28	1 46	19 57	1 5	20 23	0 18	11 34	1 57	18 27	0 13	20 53	1 31	11 31	16 34	16 27	16 53	25 46	10 7	0 37
F 9	5 27	5n11	3 56	8 0	1 44	18 19	1 41	19 48	1 5	20 21	0 18	11 35	1 57	18 27	0 13	20 53	1 31	11 30	16 33	16 28	16 54	25 47	10 6	0 37
S 10	5 4	10 44	4 35	7 14	1 41	18 10	1 36	19 39	1 6	20 19	0 18	11 37	1 57	18 28	0 13	20 53	1 31	11 29	16 33	16 30	16 54	25 48	10 6	0 37
S 11	4 42	15 46	5 0	6 27	1 38	18 1	1 31	19 30	1 6	20 16	0 19	11 39	1 57	18 28	0 13	20 53	1 31	11 28	16 33	16 32	16 55	25 49	10 5	0 37
M12	4 19	20 5	5 10	5 40	1 35	17 51	1 26	19 21	1 7	20 14	0 19	11 40	1 57	18 29	0 13	20 53	1 31	11 27	16 33	16 33	16 56	25 50	10 4	0 37
T 13	3 56	23 31	5 7	4 53	1 31	17 41	1 21	19 12	1 8	20 12	0 19	11 42	1 57	18 29	0 13	20 53	1 31	11 26	16 33	16 34	16 57	25 51	10 3	0 36
W14	3 33	25 56	4 51	4 5	1 26	17 30	1 16	19 2	1 8	20 10	0 19	11 43	1 57	18 30	0 13	20 53	1 32	11 24	16 33	16 35	16 58	25 52	10 2	0 36
T 15	3 10	27 10	4 22	3 18	1 22	17 18	1 11	18 53	1 9	20 7	0 19	11 45	1 57	18 31	0 13	20 53	1 32	11 23	16 32	16 36	16 59	25 53	10 1	0 36
F 16	2 46	27 10	3 42	2 31	1 17	17 6	1 6	18 43	1 9	20 5	0 19	11 46	1 57	18 31	0 13	20 53	1 32	11 22	16 32	16 36	17 0	25 54	10 0	0 36
S 17	2 23	25 53	2 52	1 43	1 12	16 54	1 1	18 34	1 10	20 3	0 19	11 48	1 57	18 32	0 13	20 53	1 32	11 22	16 32	16 35	17 1	25 55	9 59	0 36
S 18	2 0	23 21	1 53	0 56	1 6	16 41	0 56	18 24	1 10	20 1	0 20	11 49	1 57	18 32	0 13	20 53	1 32	11 21	16 32	16 35	17 2	25 56	9 58	0 36
M19	1 36	19 40	0 47	0 9	1 0	16 28	0 51	18 14	1 11	19 59	0 20	11 51	1 57	18 33	0 13	20 52	1 32	11 20	16 32	16 35	17 3	25 57	9 57	0 36
T 20	1 13	14 58	0s23	0s38	0 54	16 14	0 47	18 4	1 11	19 56	0 20	11 52	1 57	18 33	0 13	20 52	1 32	11 19	16 32	16 34	17 3	25 57	9 56	0 36
W21	0 50	9 27	1 33	1 24	0 48	16 0	0 42	17 54	1 12	19 54	0 20	11 54	1 57	18 34	0 13	20 52	1 32	11 18	16 32	16 35	17 4	25 58	9 56	0 36
T 22	0 26	3 20	2 40	2 10	0 42	15 45	0 37	17 43	1 13	19 52	0 20	11 55	1 57	18 35	0 13	20 52	1 32	11 17	16 32	16 36	17 5	25 59	9 55	0 36
F 23	0 3	3s 6	3 39	2 56	0 35	15 30	0 33	17 33	1 13	19 50	0 20	11 57	1 57	18 35	0 13	20 52	1 32	11 16	16 32	16 37	17 6	26 0	9 53	0 36
S 24	0s21	9 29	4 25	3 41	0 29	15 14	0 28	17 23	1 14	19 48	0 20	11 58	1 57	18 36	0 13	20 52	1 32	11 15	16 32	16 39	17 7	26 1	9 52	0 36
S 25	0 44	15 27	4 56	4 26	0 22	14 58	0 23	17 12	1 14	19 46	0 21	11 59	1 57	18 37	0 12	20 52	1 32	11 14	16 31	16 42	17 8	26 2	9 51	0 36
M26	1 8	20 35	5 7	5 11	0 15	14 41	0 19	17 2	1 15	19 44	0 21	12 1	1 57	18 37	0 12	20 52	1 32	11 13	16 31	16 44	17 9	26 3	9 50	0 36
T 27	1 31	24 27	4 58	5 55	0 8	14 24	0 15	16 51	1 15	19 42	0 21	12 2	1 57	18 38	0 12	20 52	1 32	11 12	16 31	16 46	17 10	26 3	9 49	0 36
W28	1 55	26 43	4 30	6 39	0 1	14 6	0 10	16 40	1 16	19 39	0 21	12 3	1 57	18 39	0 12	20 52	1 32	11 11	16 31	16 47	17 11	26 4	9 48	0 35
T 29	2 18	27 11	3 46	7 22	0s 6	13 49	0 6	16 29	1 16	19 37	0 21	12 4	1 57	18 39	0 12	20 52	1 32	11 10	16 31	16 47	17 11	26 5	9 47	0 35
F 30	2s41	25s53	2s49	8s 4	0s13	13n30	0s 2	16n18	1n17	19n35	0n21	12s 6	1s57	18s40	0n12	20n52	1s32	11n 9	16n31	16s48	17s12	26n 6	9n46	0n35

Julian Day Number = 2352807.5, Delta T = 11.15 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°57'59, Lahiri = 20°04'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

OCTOBER 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 43	7♎45'13	24♉ 4	21♎40	25♌11	19♌48	4♌19	3°R20	24♏19	12°R56	10♎13	13♒32	12♒ 0	7♊ 0	23°R41	S 1
S 2	0 42 40	8°44'22	7♒39	23°13	26°19	20°25	4°28	3♓17	24°22	12♊55	10°15	13°R32	11°57	7° 7	23♈38	S 2
M 3	0 46 36	9°43'33	21° 0	24°46	27°28	21° 1	4°37	3°13	24°25	12°55	10°17	13°32	11°53	7°14	23°35	M 3
T 4	0 50 33	10°42'46	4♓10	26°17	28°36	21°37	4°46	3°10	24°28	12°54	10°20	13°30	11°50	7°21	23°32	T 4
W 5	0 54 29	11°42'01	17° 8	27°48	29°45	22°14	4°54	3° 7	24°31	12°53	10°22	13°26	11°47	7°27	23°29	W 5
T 6	0 58 26	12°41'17	29°55	29°18	0♍54	22°50	5° 3	3° 4	24°34	12°53	10°24	13°19	11°44	7°34	23°27	T 6
F 7	1 2 22	13°40'36	12♈31	0♏47	2° 4	23°26	5°11	3° 1	24°37	12°52	10°27	13° 9	11°41	7°41	23°24	F 7
S 8	1 6 19	14°39'57	24°56	2°16	3°13	24° 2	5°19	2°58	24°40	12°51	10°29	12°58	11°38	7°47	23°21	S 8
S 9	1 10 15	15°39'20	7♉11	3°43	4°22	24°38	5°27	2°56	24°43	12°51	10°31	12°46	11°34	7°54	23°18	S 9
M10	1 14 12	16°38'45	19°16	5°10	5°32	25°14	5°35	2°53	24°46	12°50	10°34	12°35	11°31	8° 1	23°15	M10
T 11	1 18 9	17°38'12	1♊13	6°36	6°42	25°50	5°43	2°50	24°49	12°49	10°36	12°24	11°28	8° 8	23°12	T 11
W12	1 22 5	18°37'41	13° 5	8° 2	7°52	26°26	5°51	2°48	24°52	12°48	10°38	12°16	11°25	8°14	23° 9	W12
T 13	1 26 2	19°37'13	24°55	9°26	9° 2	27° 2	5°58	2°46	24°55	12°47	10°41	12°11	11°22	8°21	23° 6	T 13
F 14	1 29 58	20°36'47	6♋46	10°49	10°12	27°37	6° 6	2°43	24°59	12°47	10°43	12° 8	11°19	8°28	23° 4	F 14
S 15	1 33 55	21°36'24	18°45	12°12	11°23	28°13	6°13	2°41	25° 2	12°46	10°45	12°D 7	11°15	8°34	23° 1	S 15
S 16	1 37 51	22°36'02	0♌57	13°34	12°33	28°49	6°20	2°39	25° 5	12°45	10°48	12° 7	11°12	8°41	22°58	S 16
M17	1 41 48	23°35'43	13°25	14°54	13°44	29°24	6°27	2°37	25° 8	12°44	10°50	12°R 7	11° 9	8°48	22°55	M17
T 18	1 45 44	24°35'26	26°17	16°14	14°55	29°59	6°34	2°35	25°12	12°43	10°52	12° 6	11° 6	8°54	22°52	T 18
W19	1 49 41	25°35'11	9♍35	17°32	16° 6	0♍35	6°41	2°33	25°15	12°42	10°55	12° 4	11° 3	9° 1	22°49	W19
T 20	1 53 38	26°34'59	23°21	18°49	17°17	1°11	6°47	2°31	25°18	12°41	10°57	11°58	10°59	9° 8	22°46	T 20
F 21	1 57 34	27°34'49	7♎35	20° 5	18°28	1°46	6°54	2°30	25°22	12°40	10°59	11°50	10°56	9°15	22°43	F 21
S 22	2 1 31	28°34'40	22°13	21°19	19°39	2°21	7° 0	2°28	25°25	12°39	11° 2	11°40	10°53	9°21	22°40	S 22
S 23	2 5 27	29°34'34	7♏ 8	22°32	20°51	2°56	7° 6	2°27	25°28	12°37	11° 4	11°28	10°50	9°28	22°37	S 23
M24	2 9 24	0♏34'30	22°11	23°43	22° 2	3°31	7°12	2°25	25°32	12°36	11° 6	11°17	10°47	9°35	22°35	M24
T 25	2 13 20	1°34'28	7♐12	24°52	23°14	4° 6	7°18	2°24	25°35	12°35	11° 8	11° 8	10°44	9°41	22°32	T 25
W26	2 17 17	2°34'27	22° 1	25°59	24°25	4°41	7°23	2°23	25°39	12°34	11°11	11° 0	10°40	9°48	22°29	W26
T 27	2 21 13	3°34'28	6♑33	27° 4	25°37	5°16	7°29	2°22	25°42	12°33	11°13	10°56	10°37	9°55	22°26	T 27
F 28	2 25 10	4°34'31	20°44	28° 6	26°49	5°51	7°34	2°21	25°46	12°31	11°15	10°54	10°34	10° 2	22°23	F 28
S 29	2 29 7	5°34'35	4♒33	29° 5	28° 1	6°26	7°39	2°20	25°49	12°30	11°17	10°53	10°31	10° 8	22°20	S 29
S 30	2 33 3	6°34'41	18° 1	0♐ 1	29°13	7° 0	7°44	2°19	25°53	12°29	11°20	10°53	10°28	10°15	22°18	S 30
M31	2 37 0	7♏34'48	1♓10	0♐53	0♎26	7♍35	7♌49	2♓18	25♏56	12♊28	11♎22	10♒52	10♒24	10♊22	22♈15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 5	23s 1	1s43	8s46	0s20	13n11	0n 3	16n 7	1n18	19n33	0n21	12s 7	1s57	18s41	0n12	20n51	1s32	11n 8	16n31	16s47	17s13	26n 7	9n45	0n35
S 2	3 28	18 54	0 32	9 28	0 27	12 52	0 7	15 56	1 18	19 31	0 22	12 8	1 57	18 42	0 12	20 51	1 32	11 7	16 31	16 47	17 14	26 7	9 44	0 35
M 3	3 52	13 53	0n40	10 8	0 34	12 33	0 11	15 45	1 19	19 29	0 22	12 9	1 57	18 42	0 12	20 51	1 32	11 6	16 31	16 47	17 15	26 8	9 43	0 35
T 4	4 15	8 19	1 48	10 48	0 41	12 13	0 15	15 34	1 19	19 27	0 22	12 10	1 57	18 43	0 12	20 51	1 32	11 5	16 31	16 48	17 16	26 9	9 42	0 35
W 5	4 38	2 29	2 49	11 28	0 49	11 52	0 19	15 23	1 20	19 26	0 22	12 11	1 57	18 44	0 12	20 51	1 32	11 5	16 31	16 49	17 17	26 10	9 41	0 35
T 6	5 1	3n21	3 41	12 6	0 56	11 31	0 23	15 11	1 20	19 24	0 22	12 12	1 56	18 44	0 12	20 51	1 33	11 4	16 31	16 51	17 18	26 10	9 40	0 35
F 7	5 24	8 58	4 21	12 45	1 3	11 10	0 27	15 0	1 21	19 22	0 22	12 13	1 56	18 45	0 12	20 51	1 33	11 3	16 31	16 54	17 19	26 11	9 38	0 35
S 8	5 47	14 8	4 48	13 22	1 9	10 49	0 30	14 49	1 21	19 20	0 23	12 14	1 56	18 46	0 12	20 51	1 33	11 2	16 31	16 57	17 19	26 12	9 37	0 35
S 9	6 10	18 40	5 1	13 58	1 16	10 27	0 34	14 37	1 22	19 18	0 23	12 15	1 56	18 47	0 12	20 51	1 33	11 1	16 32	17 0	17 20	26 13	9 36	0 35
M10	6 33	22 23	5 1	14 34	1 23	10 5	0 38	14 25	1 23	19 16	0 23	12 16	1 56	18 47	0 12	20 50	1 33	11 0	16 32	17 3	17 21	26 13	9 35	0 35
T 11	6 56	25 7	4 47	15 9	1 30	9 42	0 41	14 14	1 23	19 15	0 23	12 17	1 56	18 48	0 12	20 50	1 33	11 0	16 32	17 6	17 22	26 14	9 34	0 34
W12	7 19	26 43	4 21	15 43	1 36	9 19	0 44	14 2	1 24	19 13	0 23	12 18	1 56	18 49	0 12	20 50	1 33	10 59	16 32	17 9	17 23	26 15	9 33	0 34
T 13	7 41	27 6	3 43	16 17	1 43	8 56	0 48	13 50	1 24	19 11	0 23	12 18	1 56	18 50	0 12	20 50	1 33	10 58	16 32	17 10	17 24	26 16	9 32	0 34
F 14	8 4	26 14	2 56	16 49	1 49	8 33	0 51	13 39	1 25	19 9	0 24	12 19	1 56	18 51	0 12	20 50	1 33	10 57	16 32	17 11	17 25	26 16	9 30	0 34
S 15	8 26	24 9	2 1	17 21	1 55	8 9	0 54	13 27	1 25	19 8	0 24	12 20	1 56	18 51	0 12	20 50	1 33	10 56	16 32	17 11	17 26	26 17	9 29	0 34
S 16	8 48	20 56	0 59	17 51	2 1	7 45	0 57	13 15	1 26	19 6	0 24	12 21	1 56	18 52	0 12	20 50	1 33	10 56	16 32	17 11	17 26	26 18	9 28	0 34
M17	9 11	16 42	0s 7	18 21	2 7	7 20	1 0	13 3	1 26	19 5	0 24	12 21	1 55	18 53	0 12	20 49	1 33	10 55	16 32	17 11	17 27	26 18	9 27	0 34
T 18	9 33	11 37	1 14	18 50	2 12	6 56	1 3	12 51	1 27	19 3	0 24	12 22	1 55	18 54	0 12	20 49	1 33	10 54	16 32	17 11	17 28	26 19	9 26	0 34
W19	9 54	5 50	2 20	19 17	2 17	6 31	1 6	12 39	1 28	19 2	0 24	12 22	1 55	18 55	0 12	20 49	1 33	10 53	16 33	17 12	17 29	26 20	9 25	0 34
T 20	10 16	0s25	3 20	19 44	2 22	6 6	1 9	12 27	1 28	19 0	0 25	12 23	1 55	18 55	0 12	20 49	1 33	10 53	16 33	17 14	17 30	26 20	9 23	0 34
F 21	10 38	6 49	4 9	20 9	2 27	5 40	1 12	12 15	1 29	18 59	0 25	12 23	1 55	18 56	0 12	20 49	1 33	10 52	16 33	17 16	17 31	26 21	9 22	0 34
S 22	10 59	13 3	4 44	20 33	2 32	5 15	1 14	12 2	1 29	18 57	0 25	12 24	1 55	18 57	0 12	20 49	1 33	10 51	16 33	17 19	17 32	26 22	9 21	0 33
S 23	11 20	18 38	5 0	20 56	2 36	4 49	1 17	11 50	1 30	18 56	0 25	12 24	1 55	18 58	0 12	20 48	1 33	10 50	16 33	17 22	17 33	26 22	9 20	0 33
M24	11 41	23 6	4 55	21 18	2 39	4 23	1 19	11 38	1 30	18 55	0 25	12 25	1 55	18 59	0 12	20 48	1 33	10 50	16 34	17 25	17 33	26 23	9 19	0 33
T 25	12 2	25 59	4 30	21 39	2 43	3 57	1 22	11 26	1 31	18 53	0 25	12 25	1 55	19 0	0 12	20 48	1 33	10 49	16 34	17 28	17 34	26 23	9 18	0 33
W26	12 23	27 1	3 48	21 58	2 46	3 30	1 24	11 14	1 32	18 52	0 26	12 25	1 54	19 0	0 12	20 48	1 33	10 48	16 34	17 30	17 35	26 24	9 16	0 33
T 27	12 44	26 9	2 51	22 15	2 48	3 4	1 26	11 1	1 32	18 51	0 26	12 26	1 54	19 1	0 12	20 48	1 33	10 48	16 34	17 31	17 36	26 25	9 15	0 33
F 28	13 4	23 36	1 44	22 31	2 50	2 37	1 28	10 49	1 33	18 50	0 26	12 26	1 54	19 2	0 12	20 47	1 33	10 47	16 34	17 32	17 37	26 25	9 14	0 33
S 29	13 24	19 42	0 33	22 46	2 51	2 10	1 30	10 37	1 33	18 48	0 26	12 26	1 54	19 3	0 12	20 47	1 33	10 46	16 35	17 32	17 38	26 26	9 13	0 33
S 30	13 44	14 52	0n38	22 59	2 52	1 43	1 32	10 24	1 34	18 47	0 26	12 26	1 54	19 4	0 12	20 47	1 33	10 46	16 35	17 32	17 39	26 26	9 12	0 33
M31	14s 4	9s27	1n45	23s10	2s52	1n16	1n34	10n12	1n34	18n46	0n27	12s26	1s54	19s 5	0n12	20n47	1s33	10n45	16n35	17s32	17s39	26n27	9n11	0n33

Julian Day Number = 2352837.5, Delta T = 11.17 sec
Ecliptic obliquity = 23°28'35, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'03, Lahiri = 20°05'03Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1729
geocentric

NOVEMBER 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 56	8♏34'57	14♓ 3	1♐41	1♎38	8♍ 9	7♌53	2°R18	26♏ 0	12°R26	11♎24	10°R49	10♒21	10♊28	22°R12	T 1
W 2	2 44 53	9°35'07	26°44	2°25	2°50	8°44	7°58	2♓17	26° 4	12♊25	11°26	10♒43	10°18	10°35	22♈ 9	W 2
T 3	2 48 49	10°35'19	9♈13	3° 4	4° 3	9°18	8° 2	2°17	26° 7	12°24	11°28	10°34	10°15	10°42	22° 7	T 3
F 4	2 52 46	11°35'32	21°34	3°37	5°15	9°52	8° 6	2°17	26°11	12°22	11°30	10°22	10°12	10°48	22° 4	F 4
S 5	2 56 42	12°35'48	3♉46	4° 4	6°28	10°26	8°10	2°17	26°14	12°21	11°32	10° 8	10° 9	10°55	22° 1	S 5
S 6	3 0 39	13°36'05	15°51	4°24	7°41	11° 0	8°14	2°D17	26°18	12°19	11°34	9°54	10° 5	11° 2	21°58	S 6
M 7	3 4 36	14°36'24	27°49	4°36	8°53	11°34	8°17	2°17	26°22	12°18	11°36	9°39	10° 2	11° 9	21°56	M 7
T 8	3 8 32	15°36'44	9♊43	4°R40	10° 6	12° 8	8°21	2°17	26°25	12°16	11°39	9°26	9°59	11°15	21°53	T 8
W 9	3 12 29	16°37'07	21°33	4°35	11°19	12°42	8°24	2°17	26°29	12°15	11°41	9°16	9°56	11°22	21°51	W 9
T 10	3 16 25	17°37'31	3♋22	4°21	12°32	13°16	8°27	2°18	26°33	12°13	11°43	9° 8	9°53	11°29	21°48	T 10
F 11	3 20 22	18°37'57	15°13	3°56	13°45	13°49	8°30	2°18	26°36	12°12	11°45	9° 3	9°50	11°35	21°46	F 11
S 12	3 24 18	19°38'25	27°11	3°21	14°59	14°23	8°32	2°19	26°40	12°10	11°47	9° 1	9°46	11°42	21°43	S 12
S 13	3 28 15	20°38'54	9♌19	2°36	16°12	14°56	8°35	2°19	26°44	12° 9	11°49	9°D 1	9°43	11°49	21°41	S 13
M14	3 32 11	21°39'26	21°43	1°41	17°25	15°30	8°37	2°20	26°47	12° 7	11°50	9°R 1	9°40	11°55	21°38	M14
T 15	3 36 8	22°39'59	4♍29	0°37	18°39	16° 3	8°39	2°21	26°51	12° 6	11°52	9° 0	9°37	12° 2	21°36	T 15
W16	3 40 5	23°40'34	17°41	29♏25	19°52	16°36	8°41	2°22	26°55	12° 4	11°54	8°58	9°34	12° 9	21°33	W16
T 17	3 44 1	24°41'11	1♎22	28° 8	21° 6	17° 9	8°43	2°23	26°59	12° 2	11°56	8°54	9°30	12°16	21°31	T 17
F 18	3 47 58	25°41'50	15°34	26°47	22°19	17°42	8°44	2°25	27° 2	12° 1	11°58	8°46	9°27	12°22	21°29	F 18
S 19	3 51 54	26°42'30	0♏14	25°25	23°33	18°15	8°46	2°26	27° 6	11°59	12° 0	8°37	9°24	12°29	21°27	S 19
S 20	3 55 51	27°43'12	15°16	24° 5	24°47	18°48	8°47	2°27	27°10	11°58	12° 2	8°26	9°21	12°36	21°24	S 20
M21	3 59 47	28°43'55	0♐32	22°50	26° 1	19°20	8°48	2°29	27°13	11°56	12° 3	8°15	9°18	12°42	21°22	M21
T 22	4 3 44	29°44'40	15°50	21°42	27°14	19°53	8°48	2°31	27°17	11°54	12° 5	8° 6	9°15	12°49	21°20	T 22
W23	4 7 40	0♐45'26	0♑59	20°42	28°28	20°25	8°49	2°32	27°21	11°53	12° 7	7°59	9°11	12°56	21°18	W23
T 24	4 11 37	1°46'14	15°49	19°53	29°42	20°58	8°49	2°34	27°25	11°51	12° 9	7°54	9° 8	13° 2	21°16	T 24
F 25	4 15 34	2°47'02	0♒16	19°15	0♏56	21°30	8°R49	2°36	27°28	11°49	12°10	7°52	9° 5	13° 9	21°14	F 25
S 26	4 19 30	3°47'51	14°15	18°48	2°10	22° 2	8°49	2°38	27°32	11°48	12°12	7°D52	9° 2	13°16	21°12	S 26
S 27	4 23 27	4°48'41	27°48	18°33	3°24	22°34	8°49	2°40	27°36	11°46	12°14	7°53	8°59	13°23	21°10	S 27
M28	4 27 23	5°49'32	10♓58	18°D30	4°38	23° 6	8°48	2°43	27°39	11°44	12°15	7°R53	8°56	13°29	21° 8	M28
T 29	4 31 20	6°50'23	23°46	18°36	5°52	23°37	8°48	2°45	27°43	11°43	12°17	7°51	8°52	13°36	21° 6	T 29
W30	4 35 16	7♐51'16	6♈18	18♏53	7♏ 7	24♍ 9	8♌47	2♓47	27♏47	11♊41	12♎18	7♒47	8♒49	13♊43	21♈ 5	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s23	3s44	2n45	23s19	2s51	0n49	1n36	10n 0	1n35	18n45	0n27	12s26	1s54	19s 5	0n12	20n47	1s33	10n45	16n35	17s33	17s40	26n27	9n10	0n33
W 2	14 42	2n 1	3 37	23 26	2 49	0 21	1 37	9 47	1 36	18 44	0 27	12 26	1 54	19 6	0 12	20 46	1 33	10 44	16 36	17 34	17 41	26 28	9 9	0 32
T 3	15 1	7 35	4 16	23 32	2 47	0s 6	1 39	9 35	1 36	18 43	0 27	12 26	1 53	19 7	0 12	20 46	1 33	10 44	16 36	17 37	17 42	26 29	9 7	0 32
F 4	15 20	12 48	4 44	23 35	2 43	0 33	1 40	9 22	1 37	18 43	0 27	12 26	1 53	19 8	0 12	20 46	1 33	10 43	16 36	17 40	17 43	26 29	9 6	0 32
S 5	15 39	17 27	4 57	23 35	2 38	1 1	1 42	9 10	1 37	18 42	0 28	12 26	1 53	19 9	0 12	20 46	1 33	10 42	16 36	17 44	17 44	26 30	9 5	0 32
S 6	15 57	21 21	4 58	23 33	2 32	1 29	1 43	8 58	1 38	18 41	0 28	12 26	1 53	19 10	0 12	20 46	1 33	10 42	16 37	17 48	17 45	26 30	9 4	0 32
M 7	16 15	24 19	4 45	23 28	2 25	1 56	1 44	8 45	1 38	18 40	0 28	12 26	1 53	19 11	0 12	20 45	1 33	10 41	16 37	17 52	17 45	26 31	9 3	0 32
T 8	16 32	26 13	4 19	23 21	2 17	2 24	1 45	8 33	1 39	18 40	0 28	12 26	1 53	19 11	0 12	20 45	1 34	10 41	16 37	17 55	17 46	26 31	9 2	0 32
W 9	16 50	26 55	3 43	23 10	2 7	2 52	1 46	8 20	1 40	18 39	0 28	12 26	1 53	19 12	0 12	20 45	1 34	10 40	16 38	17 58	17 47	26 32	9 1	0 32
T 10	17 7	26 22	2 56	22 56	1 55	3 19	1 47	8 8	1 40	18 38	0 29	12 25	1 52	19 13	0 12	20 45	1 34	10 40	16 38	18 0	17 48	26 32	9 0	0 32
F 11	17 24	24 38	2 2	22 38	1 42	3 47	1 48	7 55	1 41	18 38	0 29	12 25	1 52	19 14	0 12	20 45	1 34	10 40	16 38	18 1	17 49	26 33	8 59	0 32
S 12	17 40	21 46	1 2	22 17	1 27	4 15	1 48	7 43	1 41	18 37	0 29	12 25	1 52	19 15	0 12	20 44	1 34	10 39	16 39	18 2	17 50	26 33	8 58	0 32
S 13	17 56	17 56	0s 2	21 52	1 10	4 42	1 49	7 30	1 42	18 37	0 29	12 24	1 52	19 16	0 12	20 44	1 34	10 39	16 39	18 2	17 51	26 34	8 57	0 31
M14	18 12	13 14	1 7	21 23	0 53	5 10	1 50	7 18	1 43	18 36	0 29	12 24	1 52	19 17	0 12	20 44	1 34	10 38	16 39	18 2	17 51	26 34	8 56	0 31
T 15	18 28	7 51	2 11	20 51	0 33	5 37	1 50	7 6	1 43	18 36	0 30	12 23	1 52	19 18	0 12	20 44	1 34	10 38	16 40	18 2	17 52	26 35	8 55	0 31
W16	18 43	1 58	3 10	20 17	0 13	6 5	1 50	6 53	1 44	18 36	0 30	12 23	1 52	19 18	0 12	20 44	1 34	10 38	16 40	18 3	17 53	26 35	8 54	0 31
T 17	18 58	4s13	4 0	19 40	0n 7	6 32	1 51	6 41	1 44	18 35	0 30	12 22	1 52	19 19	0 12	20 43	1 34	10 37	16 41	18 4	17 54	26 35	8 53	0 31
F 18	19 13	10 24	4 38	19 1	0 28	6 59	1 51	6 29	1 45	18 35	0 30	12 22	1 51	19 20	0 12	20 43	1 34	10 37	16 41	18 6	17 55	26 36	8 52	0 31
S 19	19 27	16 13	4 59	18 22	0 48	7 26	1 51	6 16	1 46	18 35	0 30	12 21	1 51	19 21	0 12	20 43	1 34	10 37	16 41	18 8	17 56	26 36	8 51	0 31
S 20	19 41	21 13	5 0	17 44	1 7	7 53	1 51	6 4	1 46	18 35	0 31	12 21	1 51	19 22	0 12	20 43	1 34	10 36	16 42	18 11	17 57	26 37	8 50	0 31
M21	19 54	24 51	4 40	17 8	1 25	8 20	1 51	5 52	1 47	18 35	0 31	12 20	1 51	19 23	0 12	20 42	1 34	10 36	16 42	18 14	17 57	26 37	8 49	0 31
T 22	20 8	26 41	3 59	16 35	1 41	8 47	1 51	5 39	1 47	18 35	0 31	12 19	1 51	19 24	0 12	20 42	1 34	10 36	16 43	18 16	17 58	26 37	8 48	0 30
W23	20 20	26 31	3 3	16 6	1 56	9 14	1 50	5 27	1 48	18 35	0 31	12 18	1 51	19 24	0 12	20 42	1 34	10 35	16 43	18 18	17 59	26 38	8 47	0 30
T 24	20 33	24 26	1 54	15 41	2 8	9 40	1 50	5 15	1 49	18 35	0 31	12 18	1 51	19 25	0 12	20 42	1 34	10 35	16 43	18 19	18 0	26 38	8 46	0 30
F 25	20 45	20 47	0 40	15 21	2 18	10 6	1 50	5 3	1 49	18 35	0 32	12 17	1 50	19 26	0 12	20 42	1 34	10 35	16 44	18 20	18 1	26 39	8 46	0 30
S 26	20 57	16 2	0n34	15 6	2 26	10 32	1 49	4 51	1 50	18 36	0 32	12 16	1 50	19 27	0 12	20 41	1 34	10 35	16 44	18 20	18 2	26 39	8 45	0 30
S 27	21 8	10 37	1 44	14 57	2 32	10 58	1 49	4 39	1 50	18 36	0 32	12 15	1 50	19 28	0 12	20 41	1 34	10 34	16 45	18 20	18 2	26 39	8 44	0 30
M28	21 19	4 54	2 47	14 52	2 36	11 23	1 48	4 27	1 51	18 36	0 32	12 14	1 50	19 29	0 12	20 41	1 34	10 34	16 45	18 20	18 3	26 40	8 43	0 30
T 29	21 29	0n53	3 39	14 51	2 38	11 49	1 47	4 15	1 52	18 37	0 32	12 13	1 50	19 29	0 12	20 41	1 34	10 34	16 46	18 20	18 4	26 40	8 42	0 30
W30	21s39	6n29	4n20	14s55	2n39	12s14	1n47	4n 3	1n52	18n37	0n33	12s12	1s50	19s30	0n12	20n40	1s34	10n34	16n46	18s21	18s 5	26n40	8n42	0n30

Julian Day Number = 2352868.5, Delta T = 11.18 sec
Ecliptic obliquity = 23°28'34, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'07, Lahiri = 20°05'08Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

DECEMBER 1729 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 13	8♐52'09	18♈37	19♏18	8♏21	24♍40	8°R46	2♓50	27♏50	11°R39	12♎20	7°R41	8♒46	13♊49	21°R 3	T 1
F 2	4 43 9	9°53'03	0♉46	19°51	9°35	25°12	8♌45	2°53	27°54	11♊38	12°21	7♒32	8°43	13°56	21♈ 1	F 2
S 3	4 47 6	10°53'58	12°48	20°32	10°49	25°43	8°43	2°55	27°58	11°36	12°23	7°22	8°40	14° 3	20°59	S 3
S 4	4 51 3	11°54'54	24°45	21°19	12° 4	26°14	8°42	2°58	28° 1	11°34	12°24	7°10	8°36	14° 9	20°58	S 4
M 5	4 54 59	12°55'51	6♊38	22°11	13°18	26°45	8°40	3° 1	28° 5	11°32	12°26	6°59	8°33	14°16	20°56	M 5
T 6	4 58 56	13°56'49	18°29	23° 9	14°33	27°16	8°38	3° 4	28° 9	11°31	12°27	6°49	8°30	14°23	20°55	T 6
W 7	5 2 52	14°57'48	0♋20	24°11	15°47	27°47	8°35	3° 7	28°12	11°29	12°28	6°41	8°27	14°30	20°53	W 7
T 8	5 6 49	15°58'48	12°12	25°16	17° 1	28°17	8°33	3°10	28°16	11°27	12°30	6°35	8°24	14°36	20°52	T 8
F 9	5 10 45	16°59'48	24° 7	26°25	18°16	28°47	8°30	3°14	28°19	11°26	12°31	6°32	8°21	14°43	20°51	F 9
S 10	5 14 42	18° 0'50	6♌ 8	27°37	19°30	29°18	8°28	3°17	28°23	11°24	12°32	6°D31	8°17	14°50	20°49	S 10
S 11	5 18 38	19° 1'52	18°20	28°51	20°45	29°48	8°25	3°21	28°26	11°22	12°34	6°32	8°14	14°56	20°48	S 11
M12	5 22 35	20° 2'56	0♍45	0♐ 7	22° 0	0♎18	8°21	3°24	28°30	11°21	12°35	6°33	8°11	15° 3	20°47	M12
T 13	5 26 32	21° 4'00	13°28	1°25	23°14	0°47	8°18	3°28	28°33	11°19	12°36	6°34	8° 8	15°10	20°46	T 13
W14	5 30 28	22° 5'05	26°33	2°45	24°29	1°17	8°14	3°32	28°37	11°17	12°37	6°R35	8° 5	15°16	20°45	W14
T 15	5 34 25	23° 6'11	10♎ 5	4° 6	25°44	1°47	8°11	3°36	28°40	11°16	12°38	6°33	8° 2	15°23	20°44	T 15
F 16	5 38 21	24° 7'18	24° 4	5°29	26°58	2°16	8° 7	3°40	28°44	11°14	12°39	6°30	7°58	15°30	20°43	F 16
S 17	5 42 18	25° 8'26	8♏31	6°53	28°13	2°45	8° 3	3°44	28°47	11°12	12°40	6°25	7°55	15°37	20°42	S 17
S 18	5 46 14	26° 9'34	23°22	8°17	29°28	3°14	7°58	3°48	28°51	11°11	12°41	6°19	7°52	15°43	20°41	S 18
M19	5 50 11	27°10'44	8♐31	9°43	0♑43	3°43	7°54	3°52	28°54	11° 9	12°42	6°12	7°49	15°50	20°41	M19
T 20	5 54 8	28°11'53	23°47	11° 9	1°57	4°11	7°49	3°56	28°57	11° 7	12°43	6° 7	7°46	15°57	20°40	T 20
W21	5 58 4	29°13'04	9♑ 1	12°36	3°12	4°40	7°44	4° 1	29° 1	11° 6	12°44	6° 3	7°42	16° 3	20°39	W21
T 22	6 2 1	0♑14'14	24° 1	14° 3	4°27	5° 8	7°39	4° 5	29° 4	11° 4	12°45	6° 0	7°39	16°10	20°39	T 22
F 23	6 5 57	1°15'25	8♒41	15°31	5°42	5°36	7°34	4°10	29° 7	11° 3	12°46	6°D 0	7°36	16°17	20°38	F 23
S 24	6 9 54	2°16'36	22°54	17° 0	6°57	6° 4	7°29	4°14	29°11	11° 1	12°47	6° 1	7°33	16°23	20°38	S 24
S 25	6 13 50	3°17'46	6♓39	18°29	8°12	6°31	7°23	4°19	29°14	11° 0	12°47	6° 2	7°30	16°30	20°37	S 25
M26	6 17 47	4°18'57	19°57	19°59	9°27	6°59	7°18	4°24	29°17	10°58	12°48	6° 4	7°27	16°37	20°37	M26
T 27	6 21 43	5°20'07	2♈50	21°29	10°41	7°26	7°12	4°28	29°20	10°56	12°49	6°R 5	7°23	16°43	20°37	T 27
W28	6 25 40	6°21'17	15°23	22°59	11°56	7°53	7° 6	4°33	29°24	10°55	12°49	6° 4	7°20	16°50	20°36	W28
T 29	6 29 37	7°22'27	27°40	24°30	13°11	8°19	7° 0	4°38	29°27	10°53	12°50	6° 2	7°17	16°57	20°36	T 29
F 30	6 33 33	8°23'37	9♉45	26° 1	14°26	8°46	6°54	4°43	29°30	10°52	12°51	5°59	7°14	17° 4	20°36	F 30
S 31	6 37 30	9♑24'46	21♉41	27♐32	15♐41	9♎12	6♌48	4♓49	29♏33	10♊51	12♎51	5♒55	7♒11	17♊10	20°D36	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s49	11n44	4n48	15 s 3	2n38	12 s39	1n46	3n51	1n53	18n37	0n33	12 s11	1 s50	19 s31	0n12	20n40	1 s34	10n34	16n47	18 s23	18 s 6	26n41	8n41	0n30
F 2	21 58	16 28	5 2	15 13	2 36	13 3	1 45	3 39	1 54	18 38	0 33	12 10	1 50	19 32	0 12	20 40	1 34	10 34	16 47	18 25	18 7	26 41	8 40	0 29
S 3	22 7	20 31	5 3	15 27	2 33	13 27	1 44	3 27	1 54	18 39	0 33	12 9	1 49	19 33	0 12	20 40	1 34	10 34	16 48	18 28	18 7	26 41	8 39	0 29
S 4	22 15	23 40	4 50	15 43	2 30	13 51	1 43	3 15	1 55	18 39	0 34	12 8	1 49	19 34	0 12	20 40	1 34	10 33	16 48	18 30	18 8	26 42	8 39	0 29
M 5	22 23	25 48	4 25	16 0	2 25	14 15	1 41	3 4	1 55	18 40	0 34	12 6	1 49	19 34	0 12	20 39	1 34	10 33	16 49	18 33	18 9	26 42	8 38	0 29
T 6	22 31	26 46	3 49	16 20	2 20	14 38	1 40	2 52	1 56	18 41	0 34	12 5	1 49	19 35	0 12	20 39	1 34	10 33	16 49	18 36	18 10	26 42	8 37	0 29
W 7	22 38	26 30	3 2	16 40	2 14	15 1	1 39	2 40	1 57	18 41	0 34	12 4	1 49	19 36	0 12	20 39	1 34	10 33	16 50	18 38	18 11	26 43	8 37	0 29
T 8	22 44	25 2	2 7	17 2	2 8	15 23	1 38	2 29	1 57	18 42	0 34	12 3	1 49	19 37	0 12	20 39	1 34	10 33	16 50	18 39	18 12	26 43	8 36	0 29
F 9	22 50	22 25	1 6	17 25	2 2	15 45	1 36	2 17	1 58	18 43	0 35	12 1	1 49	19 38	0 12	20 38	1 34	10 33	16 51	18 40	18 12	26 43	8 36	0 29
S 10	22 56	18 48	0 2	17 48	1 55	16 7	1 35	2 6	1 59	18 44	0 35	12 0	1 48	19 38	0 12	20 38	1 34	10 33	16 51	18 40	18 13	26 43	8 35	0 29
S 11	23 1	14 21	1 s 3	18 11	1 48	16 28	1 33	1 54	1 59	18 45	0 35	11 59	1 48	19 39	0 12	20 38	1 34	10 33	16 52	18 40	18 14	26 44	8 34	0 28
M12	23 6	9 14	2 7	18 34	1 40	16 49	1 31	1 43	2 0	18 46	0 35	11 57	1 48	19 40	0 12	20 38	1 34	10 33	16 52	18 40	18 15	26 44	8 34	0 28
T 13	23 10	3 38	3 6	18 58	1 33	17 10	1 30	1 32	2 1	18 47	0 35	11 56	1 48	19 41	0 12	20 38	1 34	10 33	16 53	18 40	18 16	26 44	8 33	0 28
W14	23 14	2 s16	3 58	19 21	1 25	17 30	1 28	1 21	2 1	18 48	0 36	11 54	1 48	19 42	0 12	20 37	1 34	10 33	16 53	18 39	18 16	26 44	8 33	0 28
T 15	23 18	8 15	4 38	19 44	1 18	17 49	1 26	1 9	2 2	18 50	0 36	11 53	1 48	19 42	0 12	20 37	1 34	10 33	16 54	18 40	18 17	26 45	8 32	0 28
F 16	23 21	14 2	5 3	20 6	1 10	18 9	1 24	0 58	2 3	18 51	0 36	11 51	1 48	19 43	0 12	20 37	1 34	10 34	16 54	18 41	18 18	26 45	8 32	0 28
S 17	23 23	19 15	5 10	20 28	1 2	18 27	1 22	0 47	2 3	18 52	0 36	11 50	1 48	19 44	0 12	20 37	1 33	10 34	16 55	18 42	18 19	26 45	8 32	0 28
S 18	23 25	23 25	4 56	20 50	0 54	18 45	1 21	0 37	2 4	18 53	0 36	11 48	1 48	19 45	0 12	20 37	1 33	10 34	16 55	18 43	18 20	26 45	8 31	0 28
M19	23 27	26 4	4 22	21 10	0 46	19 3	1 19	0 26	2 5	18 55	0 37	11 46	1 47	19 45	0 12	20 36	1 33	10 34	16 56	18 45	18 21	26 45	8 31	0 28
T 20	23 28	26 49	3 29	21 31	0 39	19 20	1 16	0 15	2 5	18 56	0 37	11 45	1 47	19 46	0 12	20 36	1 33	10 34	16 57	18 46	18 21	26 46	8 30	0 28
W21	23 28	25 31	2 22	21 50	0 31	19 37	1 14	0 4	2 6	18 58	0 37	11 43	1 47	19 47	0 12	20 36	1 33	10 34	16 57	18 47	18 22	26 46	8 30	0 27
T 22	23 29	22 24	1 5	22 8	0 23	19 53	1 12	0 s 6	2 7	18 59	0 37	11 41	1 47	19 48	0 12	20 36	1 33	10 34	16 58	18 48	18 23	26 46	8 30	0 27
F 23	23 28	17 53	0n15	22 26	0 16	20 8	1 10	0 17	2 7	19 1	0 37	11 40	1 47	19 48	0 12	20 36	1 33	10 35	16 58	18 48	18 24	26 46	8 29	0 27
S 24	23 27	12 28	1 31	22 42	0 8	20 23	1 8	0 27	2 8	19 2	0 38	11 38	1 47	19 49	0 12	20 35	1 33	10 35	16 59	18 48	18 25	26 46	8 29	0 27
S 25	23 26	6 37	2 40	22 58	0 1	20 38	1 6	0 37	2 9	19 4	0 38	11 36	1 47	19 50	0 12	20 35	1 33	10 35	16 59	18 48	18 25	26 46	8 29	0 27
M26	23 24	0 39	3 37	23 12	0 s 6	20 51	1 3	0 48	2 9	19 5	0 38	11 34	1 47	19 50	0 12	20 35	1 33	10 35	17 0	18 47	18 26	26 46	8 29	0 27
T 27	23 22	5n 8	4 22	23 25	0 13	21 5	1 1	0 58	2 10	19 7	0 38	11 32	1 47	19 51	0 12	20 35	1 33	10 36	17 1	18 47	18 27	26 47	8 28	0 27
W28	23 19	10 34	4 53	23 38	0 20	21 17	0 59	1 8	2 11	19 9	0 38	11 30	1 46	19 52	0 12	20 35	1 33	10 36	17 1	18 47	18 28	26 47	8 28	0 27
T 29	23 16	15 28	5 10	23 49	0 27	21 29	0 56	1 18	2 12	19 10	0 39	11 28	1 46	19 52	0 12	20 34	1 33	10 36	17 2	18 47	18 29	26 47	8 28	0 27
F 30	23 13	19 41	5 13	23 59	0 34	21 40	0 54	1 27	2 12	19 12	0 39	11 27	1 46	19 53	0 12	20 34	1 33	10 37	17 2	18 48	18 30	26 47	8 28	0 26
S 31	23 s 8	23n 4	5n 2	24 s 8	0 s40	21 s51	0n51	1 s37	2n13	19n14	0n39	11 s25	1 s46	19 s54	0n12	20n34	1 s33	10n37	17n 3	18 s49	18 s30	26n47	8n28	0n26

Julian Day Number = 2352898.5, Delta T = 11.19 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'11, Lahiri = 20°05'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

JANUARY 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 26	10♑25'56	3♊33	29♐ 4	16♐56	9♎38	6°R41	4♓54	29♏36	10°R49	12♎52	5°R50	7♒ 8	17♊17	20♈36	S 1
M 2	6 45 23	11°27'05	15°23	0♑37	18°11	10° 4	6♌35	4°59	29°39	10♊48	12°52	5♒46	7° 4	17°24	20°36	M 2
T 3	6 49 19	12°28'14	27°14	2° 9	19°26	10°30	6°28	5° 4	29°42	10°46	12°53	5°42	7° 1	17°30	20°36	T 3
W 4	6 53 16	13°29'22	9♋ 8	3°42	20°41	10°55	6°21	5°10	29°45	10°45	12°53	5°39	6°58	17°37	20°36	W 4
T 5	6 57 12	14°30'31	21° 7	5°16	21°56	11°20	6°14	5°15	29°48	10°44	12°54	5°37	6°55	17°44	20°37	T 5
F 6	7 1 9	15°31'39	3♌12	6°50	23°11	11°45	6° 7	5°21	29°51	10°42	12°54	5°D36	6°52	17°50	20°37	F 6
S 7	7 5 6	16°32'47	15°25	8°24	24°26	12°10	6° 0	5°26	29°53	10°41	12°54	5°36	6°48	17°57	20°37	S 7
S 8	7 9 2	17°33'55	27°48	9°59	25°41	12°34	5°53	5°32	29°56	10°40	12°54	5°37	6°45	18° 4	20°38	S 8
M 9	7 12 59	18°35'02	10♍23	11°34	26°56	12°58	5°45	5°38	29°59	10°38	12°55	5°39	6°42	18°10	20°38	M 9
T 10	7 16 55	19°36'10	23°14	13°10	28°11	13°22	5°38	5°44	0♐ 2	10°37	12°55	5°40	6°39	18°17	20°39	T 10
W11	7 20 52	20°37'17	6♎22	14°46	29°26	13°45	5°31	5°49	0° 4	10°36	12°55	5°41	6°36	18°24	20°39	W11
T 12	7 24 48	21°38'24	19°49	16°23	0♑41	14° 9	5°23	5°55	0° 7	10°35	12°55	5°R42	6°33	18°31	20°40	T 12
F 13	7 28 45	22°39'31	3♏38	18° 0	1°56	14°31	5°15	6° 1	0°10	10°33	12°55	5°41	6°29	18°37	20°41	F 13
S 14	7 32 41	23°40'38	17°48	19°38	3°11	14°54	5° 8	6° 7	0°12	10°32	12°55	5°41	6°26	18°44	20°41	S 14
S 15	7 36 38	24°41'44	2♐18	21°16	4°26	15°16	5° 0	6°13	0°15	10°31	12°R55	5°39	6°23	18°51	20°42	S 15
M16	7 40 35	25°42'50	17° 4	22°55	5°41	15°38	4°52	6°20	0°17	10°30	12°55	5°38	6°20	18°57	20°43	M16
T 17	7 44 31	26°43'56	2♑ 0	24°34	6°56	16° 0	4°44	6°26	0°20	10°29	12°55	5°37	6°17	19° 4	20°44	T 17
W18	7 48 28	27°45'01	16°59	26°14	8°11	16°21	4°36	6°32	0°22	10°28	12°55	5°36	6°14	19°11	20°45	W18
T 19	7 52 24	28°46'06	1♒51	27°55	9°27	16°42	4°28	6°38	0°25	10°27	12°55	5°D36	6°10	19°17	20°46	T 19
F 20	7 56 21	29°47'10	16°28	29°36	10°42	17° 3	4°20	6°45	0°27	10°26	12°55	5°36	6° 7	19°24	20°47	F 20
S 21	8 0 17	0♒48'12	0♓46	1♒17	11°57	17°23	4°12	6°51	0°29	10°25	12°55	5°36	6° 4	19°31	20°48	S 21
S 22	8 4 14	1°49'14	14°38	3° 0	13°12	17°43	4° 4	6°57	0°32	10°24	12°55	5°37	6° 1	19°37	20°50	S 22
M23	8 8 11	2°50'15	28° 5	4°43	14°27	18° 2	3°56	7° 4	0°34	10°23	12°54	5°37	5°58	19°44	20°51	M23
T 24	8 12 7	3°51'14	11♈ 7	6°26	15°42	18°21	3°48	7°10	0°36	10°22	12°54	5°37	5°54	19°51	20°52	T 24
W25	8 16 4	4°52'13	23°46	8°10	16°57	18°40	3°40	7°17	0°38	10°21	12°54	5°37	5°51	19°57	20°54	W25
T 26	8 20 0	5°53'10	6♉ 7	9°55	18°12	18°58	3°32	7°24	0°40	10°21	12°53	5°37	5°48	20° 4	20°55	T 26
F 27	8 23 57	6°54'05	18°12	11°40	19°27	19°16	3°24	7°30	0°42	10°20	12°53	5°38	5°45	20°11	20°57	F 27
S 28	8 27 53	7°55'00	0♊ 8	13°26	20°42	19°34	3°16	7°37	0°44	10°19	12°52	5°38	5°42	20°18	20°58	S 28
S 29	8 31 50	8°55'53	11°59	15°12	21°57	19°51	3° 8	7°44	0°46	10°18	12°52	5°38	5°39	20°24	21° 0	S 29
M30	8 35 46	9°56'45	23°48	16°59	23°12	20° 7	3° 0	7°50	0°48	10°18	12°51	5°38	5°35	20°31	21° 2	M30
T 31	8 39 43	10♒57'36	5♋41	18♒46	24♑27	20♎24	2♌53	7♓57	0♐50	10♊17	12♎51	5♒39	5♒32	20♊38	21♈ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	25n26	4n38	24s15	0s47	22s 1	0n49	1s47	2n14	19n16	0n39	11s23	1s46	19s54	0n12	20n34	1s33	10n37	17n 4	18s50	18s31	26n47	8n28	0n26
M 2	22 59	26 41	4 2	24 21	0 53	22 11	0 47	1 56	2 14	19 18	0 39	11 21	1 46	19 55	0 12	20 34	1 33	10 38	17 4	18 52	18 32	26 47	8 28	0 26
T 3	22 53	26 42	3 16	24 26	0 59	22 19	0 44	2 5	2 15	19 19	0 40	11 18	1 46	19 56	0 12	20 34	1 33	10 38	17 5	18 53	18 33	26 47	8 28	0 26
W 4	22 47	25 30	2 21	24 30	1 5	22 28	0 41	2 15	2 16	19 21	0 40	11 16	1 46	19 56	0 12	20 33	1 33	10 38	17 5	18 53	18 34	26 47	8 28	0 26
T 5	22 41	23 7	1 19	24 33	1 10	22 35	0 39	2 24	2 17	19 23	0 40	11 14	1 46	19 57	0 12	20 33	1 33	10 39	17 6	18 54	18 34	26 47	8 28	0 26
F 6	22 34	19 41	0 13	24 34	1 16	22 42	0 36	2 33	2 17	19 25	0 40	11 12	1 46	19 58	0 12	20 33	1 33	10 39	17 6	18 54	18 35	26 47	8 28	0 26
S 7	22 27	15 23	0s54	24 33	1 21	22 48	0 34	2 42	2 18	19 27	0 40	11 10	1 46	19 58	0 11	20 33	1 33	10 40	17 7	18 54	18 36	26 48	8 28	0 26
S 8	22 19	10 23	2 0	24 32	1 26	22 53	0 31	2 51	2 19	19 29	0 40	11 8	1 46	19 59	0 11	20 33	1 33	10 40	17 8	18 54	18 37	26 48	8 28	0 25
M 9	22 11	4 54	3 1	24 29	1 31	22 58	0 29	2 59	2 19	19 31	0 41	11 6	1 45	19 59	0 11	20 33	1 33	10 40	17 8	18 53	18 38	26 48	8 28	0 25
T 10	22 2	0s53	3 54	24 24	1 35	23 2	0 26	3 8	2 20	19 33	0 41	11 3	1 45	20 0	0 11	20 33	1 33	10 41	17 9	18 53	18 38	26 48	8 28	0 25
W11	21 53	6 45	4 36	24 18	1 39	23 5	0 23	3 16	2 21	19 35	0 41	11 1	1 45	20 1	0 11	20 32	1 33	10 41	17 9	18 53	18 39	26 48	8 28	0 25
T 12	21 44	12 27	5 5	24 11	1 43	23 8	0 21	3 25	2 22	19 37	0 41	10 59	1 45	20 1	0 11	20 32	1 33	10 42	17 10	18 53	18 40	26 48	8 28	0 25
F 13	21 34	17 42	5 17	24 2	1 47	23 10	0 18	3 33	2 22	19 39	0 41	10 57	1 45	20 2	0 11	20 32	1 33	10 42	17 11	18 53	18 41	26 48	8 28	0 25
S 14	21 24	22 7	5 10	23 51	1 50	23 11	0 15	3 41	2 23	19 41	0 41	10 54	1 45	20 2	0 11	20 32	1 33	10 43	17 11	18 53	18 42	26 48	8 28	0 25
S 15	21 13	25 17	4 43	23 39	1 53	23 11	0 13	3 49	2 24	19 43	0 42	10 52	1 45	20 3	0 11	20 32	1 33	10 43	17 12	18 53	18 42	26 48	8 29	0 25
M16	21 2	26 47	3 58	23 26	1 56	23 11	0 10	3 56	2 25	19 45	0 42	10 50	1 45	20 3	0 11	20 32	1 32	10 44	17 12	18 53	18 43	26 48	8 29	0 25
T 17	20 50	26 23	2 56	23 11	1 58	23 10	0 8	4 4	2 25	19 47	0 42	10 47	1 45	20 4	0 11	20 32	1 32	10 44	17 13	18 54	18 44	26 48	8 29	0 25
W18	20 39	24 4	1 42	22 54	2 0	23 8	0 5	4 11	2 26	19 49	0 42	10 45	1 45	20 4	0 11	20 32	1 32	10 45	17 13	18 54	18 45	26 48	8 29	0 24
T 19	20 26	20 7	0 21	22 36	2 2	23 6	0 2	4 19	2 27	19 51	0 42	10 43	1 45	20 5	0 11	20 32	1 32	10 46	17 14	18 54	18 45	26 47	8 30	0 24
F 20	20 14	14 58	1n 0	22 16	2 3	23 3	0s 0	4 26	2 28	19 53	0 42	10 40	1 45	20 5	0 11	20 31	1 32	10 46	17 15	18 54	18 46	26 47	8 30	0 24
S 21	20 1	9 7	2 15	21 55	2 4	22 59	0 3	4 33	2 28	19 55	0 42	10 38	1 45	20 6	0 11	20 31	1 32	10 47	17 15	18 54	18 47	26 47	8 30	0 24
S 22	19 47	2 59	3 20	21 32	2 5	22 55	0 5	4 40	2 29	19 57	0 43	10 35	1 45	20 6	0 11	20 31	1 32	10 47	17 16	18 54	18 48	26 47	8 31	0 24
M23	19 33	3n 6	4 12	21 8	2 5	22 49	0 8	4 47	2 30	19 59	0 43	10 33	1 45	20 7	0 11	20 31	1 32	10 48	17 16	18 54	18 49	26 47	8 31	0 24
T 24	19 19	8 50	4 49	20 42	2 4	22 43	0 10	4 53	2 31	20 1	0 43	10 30	1 45	20 7	0 11	20 31	1 32	10 49	17 17	18 54	18 49	26 47	8 32	0 24
W25	19 5	14 3	5 11	20 14	2 4	22 37	0 13	4 59	2 31	20 3	0 43	10 28	1 45	20 8	0 11	20 31	1 32	10 49	17 17	18 54	18 50	26 47	8 32	0 24
T 26	18 50	18 34	5 18	19 45	2 2	22 30	0 15	5 6	2 32	20 5	0 43	10 25	1 45	20 8	0 11	20 31	1 32	10 50	17 18	18 54	18 51	26 47	8 33	0 24
F 27	18 35	22 14	5 10	19 14	2 1	22 22	0 18	5 12	2 33	20 7	0 43	10 23	1 44	20 8	0 11	20 31	1 32	10 51	17 19	18 54	18 52	26 47	8 33	0 24
S 28	18 19	24 55	4 49	18 42	1 58	22 13	0 20	5 18	2 34	20 9	0 43	10 20	1 44	20 9	0 11	20 31	1 32	10 51	17 19	18 54	18 53	26 47	8 33	0 23
S 29	18 3	26 29	4 16	18 8	1 55	22 4	0 23	5 23	2 34	20 11	0 43	10 18	1 44	20 9	0 11	20 31	1 32	10 52	17 20	18 53	18 53	26 47	8 34	0 23
M30	17 47	26 52	3 32	17 33	1 52	21 54	0 25	5 29	2 35	20 13	0 43	10 15	1 44	20 10	0 11	20 31	1 32	10 53	17 20	18 53	18 54	26 46	8 35	0 23
T 31	17s30	26n 0	2n39	16s56	1s48	21s43	0s28	5s34	2n36	20n15	0n44	10s13	1s44	20s10	0n11	20n31	1s32	10n53	17n21	18s53	18s55	26n46	8n35	0n23

Julian Day Number = 2352929.5, Delta T = 11.20 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'16, Lahiri = 20°05'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

FEBRUARY 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 40	11♒58'26	17♋39	20♒33	25♉42	20♎39	2°R45	8♓ 4	0♐51	10°R16	12°R50	5♒40	5♒29	20♊44	21♈ 5	W 1
T 2	8 47 36	12°59'14	29°46	22°20	26°57	20°55	2♌37	8°11	0°53	10♊16	12♎50	5°R40	5°26	20°51	21° 7	T 2
F 3	8 51 33	14° 0'00	12♌ 4	24° 7	28°12	21° 9	2°29	8°18	0°55	10°15	12°49	5°40	5°23	20°58	21° 9	F 3
S 4	8 55 29	15° 0'46	24°33	25°54	29°27	21°24	2°21	8°25	0°57	10°15	12°49	5°39	5°20	21° 4	21°11	S 4
S 5	8 59 26	16° 1'30	7♍16	27°41	0♒42	21°38	2°14	8°32	0°58	10°14	12°48	5°38	5°16	21°11	21°13	S 5
M 6	9 3 22	17° 2'13	20°11	29°26	1°57	21°51	2° 6	8°39	1° 0	10°14	12°47	5°37	5°13	21°18	21°15	M 6
T 7	9 7 19	18° 2'54	3♎20	1♓11	3°12	22° 4	1°59	8°46	1° 1	10°13	12°46	5°35	5°10	21°24	21°17	T 7
W 8	9 11 15	19° 3'35	16°43	2°55	4°27	22°16	1°51	8°53	1° 3	10°13	12°46	5°34	5° 7	21°31	21°19	W 8
T 9	9 15 12	20° 4'14	0♏19	4°37	5°42	22°28	1°44	9° 0	1° 4	10°12	12°45	5°32	5° 4	21°38	21°21	T 9
F 10	9 19 8	21° 4'53	14° 9	6°17	6°57	22°39	1°37	9° 7	1° 5	10°12	12°44	5°31	5° 0	21°44	21°23	F 10
S 11	9 23 5	22° 5'30	28°10	7°54	8°12	22°50	1°30	9°14	1° 7	10°12	12°43	5°D31	4°57	21°51	21°26	S 11
S 12	9 27 2	23° 6'06	12♐23	9°28	9°27	23° 0	1°23	9°21	1° 8	10°11	12°42	5°32	4°54	21°58	21°28	S 12
M13	9 30 58	24° 6'41	26°46	10°59	10°42	23° 9	1°16	9°29	1° 9	10°11	12°41	5°33	4°51	22° 4	21°30	M13
T 14	9 34 55	25° 7'15	11♑14	12°25	11°57	23°18	1° 9	9°36	1°10	10°11	12°40	5°35	4°48	22°11	21°33	T 14
W15	9 38 51	26° 7'47	25°45	13°46	13°12	23°26	1° 2	9°43	1°11	10°11	12°39	5°36	4°45	22°18	21°35	W15
T 16	9 42 48	27° 8'18	10♒13	15° 2	14°27	23°34	0°56	9°50	1°12	10°11	12°38	5°R36	4°41	22°25	21°38	T 16
F 17	9 46 44	28° 8'48	24°32	16°11	15°42	23°41	0°49	9°57	1°13	10°11	12°37	5°35	4°38	22°31	21°40	F 17
S 18	9 50 41	29° 9'15	8♓38	17°14	16°57	23°47	0°43	10° 5	1°14	10°11	12°36	5°33	4°35	22°38	21°43	S 18
S 19	9 54 38	0♓ 9'41	22°25	18° 9	18°12	23°53	0°37	10°12	1°15	10°D11	12°35	5°29	4°32	22°45	21°45	S 19
M20	9 58 34	1°10'05	5♈51	18°56	19°27	23°58	0°31	10°19	1°16	10°11	12°34	5°25	4°29	22°51	21°48	M20
T 21	10 2 31	2°10'28	18°56	19°34	20°42	24° 3	0°25	10°27	1°17	10°11	12°33	5°21	4°26	22°58	21°51	T 21
W22	10 6 27	3°10'48	1♉39	20° 3	21°57	24° 6	0°19	10°34	1°17	10°11	12°31	5°17	4°22	23° 5	21°54	W22
T 23	10 10 24	4°11'07	14° 3	20°22	23°12	24° 9	0°14	10°41	1°18	10°11	12°30	5°14	4°19	23°11	21°56	T 23
F 24	10 14 20	5°11'23	26°11	20°32	24°27	24°12	0° 8	10°49	1°18	10°11	12°29	5°12	4°16	23°18	21°59	F 24
S 25	10 18 17	6°11'38	8♊ 8	20°R32	25°42	24°13	0° 3	10°56	1°19	10°11	12°28	5°D12	4°13	23°25	22° 2	S 25
S 26	10 22 13	7°11'50	19°59	20°23	26°57	24°14	29♋58	11° 3	1°19	10°11	12°27	5°13	4°10	23°31	22° 5	S 26
M27	10 26 10	8°12'00	1♌49	20° 4	28°11	24°R15	29°53	11°11	1°20	10°12	12°25	5°14	4° 6	23°38	22° 8	M27
T 28	10 30 7	9♓12'09	13♌42	19♓37	29♒26	24♎14	29♋48	11♓18	1♐20	10♊12	12♎24	5♒16	4♒ 3	23♊45	22♈11	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s14	23n56	1n38	16s18	1s43	21s32	0s30	5s39	2n37	20n17	0n44	10s10	1s44	20s10	0n11	20n31	1s32	10n54	17n21	18s53	18s56	26n46	8n36	0n23
T 2	16 57	20 46	0 33	15 38	1 38	21 20	0 32	5 44	2 37	20 19	0 44	10 8	1 44	20 11	0 11	20 31	1 32	10 55	17 22	18 53	18 56	26 46	8 36	0 23
F 3	16 39	16 38	0s35	14 57	1 32	21 7	0 35	5 49	2 38	20 21	0 44	10 5	1 44	20 11	0 11	20 31	1 32	10 55	17 22	18 53	18 57	26 46	8 37	0 23
S 4	16 21	11 44	1 43	14 15	1 26	20 54	0 37	5 54	2 39	20 23	0 44	10 2	1 44	20 11	0 11	20 31	1 32	10 56	17 23	18 53	18 58	26 46	8 38	0 23
S 5	16 3	6 17	2 46	13 32	1 19	20 40	0 39	5 58	2 40	20 24	0 44	10 0	1 44	20 12	0 11	20 31	1 31	10 57	17 23	18 53	18 59	26 46	8 38	0 23
M 6	15 45	0 29	3 42	12 47	1 11	20 25	0 41	6 3	2 40	20 26	0 44	9 57	1 44	20 12	0 11	20 31	1 31	10 58	17 24	18 54	19 0	26 45	8 39	0 23
T 7	15 27	5s25	4 28	12 2	1 2	20 10	0 43	6 7	2 41	20 28	0 44	9 54	1 44	20 12	0 11	20 31	1 31	10 58	17 24	18 54	19 0	26 45	8 40	0 22
W 8	15 8	11 11	4 59	11 16	0 53	19 55	0 46	6 11	2 42	20 30	0 44	9 52	1 44	20 13	0 11	20 31	1 31	10 59	17 25	18 55	19 1	26 45	8 40	0 22
T 9	14 49	16 31	5 15	10 30	0 43	19 39	0 48	6 14	2 42	20 31	0 44	9 49	1 44	20 13	0 11	20 31	1 31	11 0	17 25	18 55	19 2	26 45	8 41	0 22
F 10	14 30	21 5	5 13	9 43	0 32	19 22	0 50	6 18	2 43	20 33	0 44	9 46	1 44	20 13	0 11	20 31	1 31	11 1	17 26	18 55	19 3	26 45	8 42	0 22
S 11	14 10	24 31	4 52	8 56	0 20	19 4	0 52	6 21	2 44	20 35	0 44	9 44	1 44	20 14	0 11	20 31	1 31	11 2	17 26	18 55	19 3	26 44	8 42	0 22
S 12	13 50	26 30	4 13	8 9	0 8	18 46	0 53	6 24	2 45	20 36	0 45	9 41	1 44	20 14	0 11	20 31	1 31	11 2	17 27	18 55	19 4	26 44	8 43	0 22
M13	13 30	26 44	3 18	7 23	0n 5	18 28	0 55	6 27	2 45	20 38	0 45	9 38	1 44	20 14	0 11	20 31	1 31	11 3	17 27	18 55	19 5	26 44	8 44	0 22
T 14	13 10	25 10	2 10	6 38	0 18	18 9	0 57	6 30	2 46	20 40	0 45	9 35	1 44	20 14	0 11	20 31	1 31	11 4	17 28	18 54	19 6	26 44	8 45	0 22
W15	12 50	21 55	0 54	5 54	0 32	17 49	0 59	6 32	2 47	20 41	0 45	9 33	1 44	20 14	0 11	20 31	1 31	11 5	17 28	18 54	19 6	26 43	8 46	0 22
T 16	12 29	17 18	0n25	5 11	0 47	17 29	1 1	6 34	2 47	20 43	0 45	9 30	1 44	20 15	0 11	20 31	1 31	11 5	17 29	18 54	19 7	26 43	8 47	0 22
F 17	12 8	11 45	1 42	4 31	1 2	17 9	1 2	6 36	2 48	20 44	0 45	9 27	1 44	20 15	0 11	20 31	1 31	11 6	17 29	18 54	19 8	26 43	8 47	0 21
S 18	11 47	5 41	2 52	3 52	1 17	16 48	1 4	6 38	2 49	20 45	0 45	9 25	1 44	20 15	0 11	20 31	1 31	11 7	17 30	18 55	19 9	26 43	8 48	0 21
S 19	11 26	0n30	3 50	3 17	1 32	16 26	1 6	6 40	2 49	20 47	0 45	9 22	1 44	20 15	0 11	20 31	1 31	11 8	17 30	18 56	19 9	26 42	8 49	0 21
M20	11 5	6 30	4 33	2 45	1 47	16 4	1 7	6 41	2 50	20 48	0 45	9 19	1 44	20 15	0 12	20 31	1 31	11 9	17 30	18 57	19 10	26 42	8 50	0 21
T 21	10 43	12 3	5 1	2 16	2 2	15 42	1 9	6 42	2 50	20 49	0 45	9 16	1 44	20 16	0 12	20 31	1 31	11 9	17 31	18 58	19 11	26 42	8 51	0 21
W22	10 21	16 57	5 13	1 51	2 17	15 19	1 10	6 43	2 51	20 51	0 45	9 14	1 44	20 16	0 12	20 31	1 30	11 10	17 31	18 59	19 12	26 41	8 52	0 21
T 23	9 59	21 0	5 10	1 30	2 31	14 56	1 12	6 44	2 51	20 52	0 45	9 11	1 44	20 16	0 12	20 31	1 30	11 11	17 32	18 59	19 13	26 41	8 53	0 21
F 24	9 37	24 4	4 53	1 14	2 44	14 32	1 13	6 44	2 52	20 53	0 45	9 8	1 44	20 16	0 12	20 31	1 30	11 12	17 32	19 0	19 13	26 41	8 54	0 21
S 25	9 15	26 2	4 23	1 3	2 57	14 8	1 14	6 44	2 52	20 54	0 45	9 5	1 44	20 16	0 12	20 31	1 30	11 13	17 32	19 0	19 14	26 40	8 55	0 21
S 26	8 53	26 48	3 43	0 56	3 8	13 44	1 15	6 44	2 53	20 55	0 45	9 2	1 44	20 16	0 12	20 31	1 30	11 14	17 33	19 0	19 15	26 40	8 56	0 21
M27	8 30	26 21	2 53	0 54	3 18	13 19	1 16	6 44	2 53	20 56	0 45	9 0	1 44	20 16	0 12	20 31	1 30	11 14	17 33	18 59	19 16	26 40	8 57	0 21
T 28	8s 8	24n41	1n55	0s57	3n27	12s54	1s18	6s43	2n54	20n57	0n45	8s57	1s45	20s16	0n12	20n32	1s30	11n15	17n34	18s59	19s16	26n39	8n58	0n20

Julian Day Number = 2352960.5, Delta T = 11.22 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'20, Lahiri = 20°05'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

MARCH 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 3	10♓12'15	25♋44	19°R 2	0♓41	24°R13	29°R43	11♓25	1♐21	10♊12	12°R23	5♒18	4♒ 0	23♊51	22♈14	W 1
T 2	10 38 0	11°12'19	7♌58	18♓19	1°56	24♎11	29♋39	11°33	1°21	10°13	12♎21	5°R18	3°57	23°58	22°17	T 2
F 3	10 41 56	12°12'21	20°27	17°31	3°11	24° 8	29°35	11°40	1°21	10°13	12°20	5°17	3°54	24° 5	22°20	F 3
S 4	10 45 53	13°12'21	3♍13	16°37	4°26	24° 4	29°30	11°47	1°21	10°13	12°18	5°14	3°51	24°11	22°23	S 4
S 5	10 49 49	14°12'19	16°17	15°41	5°40	24° 0	29°27	11°55	1°21	10°14	12°17	5° 9	3°47	24°18	22°26	S 5
M 6	10 53 46	15°12'15	29°37	14°42	6°55	23°55	29°23	12° 2	1°R21	10°14	12°16	5° 3	3°44	24°25	22°29	M 6
T 7	10 57 42	16°12'10	13♎13	13°42	8°10	23°49	29°19	12° 9	1°21	10°15	12°14	4°56	3°41	24°31	22°33	T 7
W 8	11 1 39	17°12'02	27° 1	12°43	9°25	23°43	29°16	12°17	1°21	10°15	12°13	4°49	3°38	24°38	22°36	W 8
T 9	11 5 35	18°11'53	10♏58	11°46	10°39	23°35	29°13	12°24	1°21	10°16	12°11	4°43	3°35	24°45	22°39	T 9
F 10	11 9 32	19°11'42	25° 1	10°51	11°54	23°27	29° 9	12°31	1°21	10°17	12°10	4°39	3°31	24°51	22°42	F 10
S 11	11 13 29	20°11'30	9♐ 8	10° 1	13° 9	23°18	29° 7	12°39	1°21	10°17	12° 8	4°36	3°28	24°58	22°46	S 11
S 12	11 17 25	21°11'15	23°17	9°15	14°24	23° 8	29° 4	12°46	1°21	10°18	12° 7	4°D36	3°25	25° 5	22°49	S 12
M13	11 21 22	22°11'00	7♑25	8°35	15°38	22°58	29° 1	12°53	1°20	10°19	12° 5	4°36	3°22	25°11	22°52	M13
T 14	11 25 18	23°10'42	21°32	8° 1	16°53	22°47	28°59	13° 1	1°20	10°19	12° 4	4°38	3°19	25°18	22°56	T 14
W15	11 29 15	24°10'23	5♒36	7°32	18° 8	22°35	28°57	13° 8	1°19	10°20	12° 2	4°R38	3°16	25°25	22°59	W15
T 16	11 33 11	25°10'02	19°36	7°10	19°22	22°22	28°55	13°15	1°19	10°21	12° 0	4°37	3°12	25°31	23° 3	T 16
F 17	11 37 8	26° 9'39	3♓28	6°53	20°37	22° 8	28°53	13°23	1°18	10°22	11°59	4°34	3° 9	25°38	23° 6	F 17
S 18	11 41 4	27° 9'13	17°10	6°44	21°52	21°54	28°52	13°30	1°18	10°23	11°57	4°28	3° 6	25°45	23°10	S 18
S 19	11 45 1	28° 8'46	0♈40	6°D40	23° 6	21°39	28°50	13°37	1°17	10°24	11°56	4°20	3° 3	25°51	23°13	S 19
M20	11 48 58	29° 8'17	13°54	6°42	24°21	21°24	28°49	13°44	1°17	10°25	11°54	4°11	3° 0	25°58	23°17	M20
T 21	11 52 54	0♈ 7'46	26°50	6°49	25°36	21° 7	28°48	13°51	1°16	10°25	11°52	4° 0	2°57	26° 5	23°20	T 21
W22	11 56 51	1° 7'13	9♉30	7° 2	26°50	20°50	28°48	13°59	1°15	10°26	11°51	3°51	2°53	26°12	23°24	W22
T 23	12 0 47	2° 6'37	21°52	7°21	28° 5	20°33	28°47	14° 6	1°14	10°28	11°49	3°42	2°50	26°18	23°28	T 23
F 24	12 4 44	3° 6'00	4♊ 0	7°44	29°19	20°15	28°47	14°13	1°13	10°29	11°47	3°36	2°47	26°25	23°31	F 24
S 25	12 8 40	4° 5'20	15°57	8°12	0♈34	19°56	28°D46	14°20	1°12	10°30	11°46	3°32	2°44	26°32	23°35	S 25
S 26	12 12 37	5° 4'37	27°48	8°44	1°48	19°37	28°46	14°27	1°11	10°31	11°44	3°30	2°41	26°38	23°38	S 26
M27	12 16 33	6° 3'53	9♋38	9°20	3° 3	19°17	28°47	14°34	1°10	10°32	11°42	3°D29	2°37	26°45	23°42	M27
T 28	12 20 30	7° 3'06	21°31	10° 1	4°17	18°57	28°47	14°41	1° 9	10°33	11°41	3°30	2°34	26°52	23°46	T 28
W29	12 24 27	8° 2'16	3♌33	10°45	5°32	18°36	28°48	14°48	1° 8	10°34	11°39	3°R30	2°31	26°58	23°50	W29
T 30	12 28 23	9° 1'25	15°50	11°32	6°46	18°15	28°48	14°55	1° 7	10°36	11°37	3°30	2°28	27° 5	23°53	T 30
F 31	12 32 20	10♈ 0'31	28♌26	12♓23	8♈ 1	17♎53	28♋49	15♓ 2	1♐ 6	10♊37	11♎36	3♒27	2♒25	27♊12	23♈57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s45	21n53	0n52	1s 5	3n33	12s28	1s19	6s42	2n54	20n58	0n45	8s54	1s45	20s16	0n12	20n32	1s30	11n16	17n34	18s58	19s17	26n39	8n59	0n20
T 2	7 22	18 4	0s15	1 17	3 38	12 2	1 19	6 41	2 54	20 59	0 45	8 51	1 45	20 16	0 12	20 32	1 30	11 17	17 34	18 58	19 18	26 39	9 0	0 20
F 3	7 0	13 24	1 22	1 33	3 41	11 36	1 20	6 40	2 55	21 0	0 45	8 49	1 45	20 16	0 12	20 32	1 30	11 18	17 35	18 59	19 19	26 38	9 1	0 20
S 4	6 37	8 4	2 26	1 53	3 42	11 10	1 21	6 38	2 55	21 1	0 45	8 46	1 45	20 17	0 12	20 32	1 30	11 19	17 35	18 59	19 19	26 38	9 2	0 20
S 5	6 13	2 17	3 24	2 16	3 40	10 43	1 22	6 37	2 55	21 2	0 45	8 43	1 45	20 17	0 12	20 32	1 30	11 19	17 35	19 1	19 20	26 38	9 3	0 20
M 6	5 50	3s42	4 12	2 42	3 37	10 16	1 23	6 35	2 55	21 3	0 45	8 40	1 45	20 17	0 12	20 32	1 30	11 20	17 35	19 2	19 21	26 37	9 4	0 20
T 7	5 27	9 38	4 47	3 10	3 31	9 49	1 23	6 32	2 56	21 4	0 45	8 38	1 45	20 17	0 12	20 32	1 30	11 21	17 36	19 4	19 22	26 37	9 5	0 20
W 8	5 4	15 11	5 6	3 39	3 24	9 21	1 24	6 30	2 56	21 4	0 45	8 35	1 45	20 17	0 12	20 33	1 30	11 22	17 36	19 5	19 22	26 36	9 7	0 20
T 9	4 40	20 0	5 7	4 9	3 15	8 53	1 25	6 27	2 56	21 5	0 45	8 32	1 45	20 17	0 12	20 33	1 30	11 23	17 36	19 7	19 23	26 36	9 8	0 20
F 10	4 17	23 44	4 50	4 40	3 5	8 25	1 25	6 24	2 56	21 6	0 45	8 29	1 45	20 16	0 12	20 33	1 30	11 23	17 37	19 8	19 24	26 36	9 9	0 20
S 11	3 53	26 3	4 15	5 9	2 53	7 57	1 25	6 21	2 56	21 6	0 45	8 27	1 45	20 16	0 12	20 33	1 30	11 24	17 37	19 8	19 24	26 35	9 10	0 19
S 12	3 30	26 42	3 24	5 38	2 40	7 28	1 26	6 17	2 56	21 7	0 45	8 24	1 45	20 16	0 12	20 33	1 29	11 25	17 37	19 9	19 25	26 35	9 11	0 19
M13	3 6	25 37	2 22	6 6	2 26	6 59	1 26	6 13	2 56	21 7	0 45	8 21	1 45	20 16	0 12	20 33	1 29	11 26	17 37	19 8	19 26	26 34	9 12	0 19
T 14	2 43	22 54	1 10	6 32	2 12	6 31	1 26	6 9	2 55	21 8	0 45	8 18	1 45	20 16	0 12	20 33	1 29	11 27	17 38	19 8	19 27	26 34	9 14	0 19
W15	2 19	18 49	0n 5	6 56	1 57	6 1	1 26	6 5	2 55	21 8	0 45	8 16	1 45	20 16	0 12	20 34	1 29	11 27	17 38	19 8	19 27	26 33	9 15	0 19
T 16	1 55	13 42	1 20	7 19	1 43	5 32	1 26	6 1	2 55	21 9	0 45	8 13	1 45	20 16	0 12	20 34	1 29	11 28	17 38	19 8	19 28	26 33	9 16	0 19
F 17	1 32	7 56	2 29	7 38	1 27	5 3	1 26	5 56	2 55	21 9	0 45	8 10	1 46	20 16	0 12	20 34	1 29	11 29	17 38	19 9	19 29	26 32	9 17	0 19
S 18	1 8	1 53	3 28	7 56	1 12	4 33	1 26	5 51	2 54	21 9	0 45	8 7	1 46	20 16	0 12	20 34	1 29	11 30	17 38	19 10	19 30	26 32	9 18	0 19
S 19	0 44	4n 9	4 15	8 11	0 58	4 4	1 26	5 46	2 54	21 9	0 45	8 5	1 46	20 16	0 12	20 34	1 29	11 31	17 38	19 12	19 30	26 31	9 20	0 19
M20	0 21	9 53	4 46	8 24	0 43	3 34	1 26	5 41	2 53	21 10	0 45	8 2	1 46	20 16	0 12	20 34	1 29	11 31	17 39	19 15	19 31	26 31	9 21	0 19
T 21	0n 3	15 4	5 3	8 35	0 29	3 4	1 26	5 35	2 53	21 10	0 45	7 59	1 46	20 15	0 12	20 35	1 29	11 32	17 39	19 17	19 32	26 30	9 22	0 19
W22	0 27	19 28	5 4	8 43	0 15	2 34	1 26	5 29	2 52	21 10	0 45	7 57	1 46	20 15	0 12	20 35	1 29	11 33	17 39	19 19	19 33	26 30	9 23	0 19
T 23	0 50	22 56	4 50	8 48	0 1	2 4	1 25	5 24	2 51	21 10	0 45	7 54	1 46	20 15	0 12	20 35	1 29	11 34	17 39	19 21	19 33	26 29	9 25	0 18
F 24	1 14	25 18	4 24	8 52	0s12	1 34	1 25	5 17	2 50	21 10	0 45	7 51	1 46	20 15	0 12	20 35	1 29	11 34	17 39	19 23	19 34	26 29	9 26	0 18
S 25	1 38	26 29	3 46	8 53	0 24	1 4	1 24	5 11	2 50	21 10	0 45	7 49	1 46	20 15	0 12	20 35	1 29	11 35	17 39	19 24	19 35	26 28	9 27	0 18
S 26	2 1	26 26	2 59	8 52	0 36	0 34	1 24	5 5	2 49	21 10	0 45	7 46	1 46	20 14	0 12	20 36	1 29	11 36	17 39	19 24	19 35	26 28	9 28	0 18
M27	2 25	25 11	2 4	8 49	0 48	0 3	1 23	4 58	2 48	21 10	0 45	7 43	1 47	20 14	0 12	20 36	1 29	11 36	17 39	19 24	19 36	26 27	9 30	0 18
T 28	2 48	22 48	1 4	8 44	0 58	0n27	1 22	4 52	2 46	21 10	0 45	7 41	1 47	20 14	0 12	20 36	1 29	11 37	17 40	19 24	19 37	26 27	9 31	0 18
W29	3 12	19 23	0s 0	8 37	1 9	0 57	1 22	4 45	2 45	21 10	0 45	7 38	1 47	20 14	0 12	20 36	1 29	11 38	17 40	19 24	19 38	26 26	9 32	0 18
T 30	3 35	15 4	1 5	8 27	1 19	1 27	1 21	4 38	2 44	21 10	0 45	7 36	1 47	20 14	0 12	20 37	1 28	11 39	17 40	19 24	19 38	26 26	9 34	0 18
F 31	3n58	10n 2	2s 9	8s16	1s28	1n57	1s20	4s31	2n43	21n 9	0n45	7s33	1s47	20s13	0n12	20n37	1s28	11n39	17n40	19s25	19s39	26n25	9n35	0n18

Julian Day Number = 2352988.5, Delta T = 11.23 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'24, Lahiri = 20°05'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

APRIL 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 16	10♈59'34	11♍23	13♓17	9♈15	17°R32	28♋50	15♓ 9	1°R 4	10♊38	11°R34	3°R22	2♒22	27♊18	24♈ 1	S 1
S 2	12 40 13	11°58'36	24°42	14°14	10°29	17♎10	28°52	15°16	1♐ 3	10°39	11♎32	3♒14	2°18	27°25	24° 4	S 2
M 3	12 44 9	12°57'35	8♎25	15°14	11°44	16°47	28°53	15°22	1° 2	10°41	11°31	3° 4	2°15	27°32	24° 8	M 3
T 4	12 48 6	13°56'33	22°26	16°17	12°58	16°25	28°55	15°29	1° 0	10°42	11°29	2°53	2°12	27°38	24°12	T 4
W 5	12 52 2	14°55'28	6♏42	17°22	14°13	16° 2	28°57	15°36	0°59	10°44	11°27	2°42	2° 9	27°45	24°16	W 5
T 6	12 55 59	15°54'22	21° 6	18°30	15°27	15°39	28°59	15°43	0°58	10°45	11°26	2°32	2° 6	27°52	24°20	T 6
F 7	12 59 56	16°53'13	5♐33	19°40	16°41	15°16	29° 1	15°49	0°56	10°47	11°24	2°24	2° 3	27°58	24°23	F 7
S 8	13 3 52	17°52'04	19°58	20°52	17°56	14°53	29° 4	15°56	0°54	10°48	11°22	2°19	1°59	28° 5	24°27	S 8
S 9	13 7 49	18°50'52	4♑15	22° 7	19°10	14°30	29° 6	16° 3	0°53	10°50	11°21	2°17	1°56	28°12	24°31	S 9
M10	13 11 45	19°49'39	18°23	23°24	20°24	14° 7	29° 9	16° 9	0°51	10°51	11°19	2°D16	1°53	28°18	24°35	M10
T 11	13 15 42	20°48'23	2♒21	24°42	21°38	13°44	29°12	16°16	0°50	10°53	11°17	2°R16	1°50	28°25	24°39	T 11
W12	13 19 38	21°47'07	16° 9	26° 3	22°53	13°22	29°15	16°22	0°48	10°54	11°16	2°16	1°47	28°32	24°42	W12
T 13	13 23 35	22°45'48	29°47	27°26	24° 7	12°59	29°18	16°29	0°46	10°56	11°14	2°13	1°43	28°38	24°46	T 13
F 14	13 27 31	23°44'28	13♓15	28°50	25°21	12°37	29°22	16°35	0°44	10°57	11°12	2° 9	1°40	28°45	24°50	F 14
S 15	13 31 28	24°43'05	26°33	0♈17	26°35	12°15	29°26	16°41	0°42	10°59	11°11	2° 1	1°37	28°52	24°54	S 15
S 16	13 35 25	25°41'42	9♈40	1°45	27°50	11°53	29°29	16°48	0°41	11° 1	11° 9	1°50	1°34	28°58	24°58	S 16
M17	13 39 21	26°40'16	22°34	3°15	29° 4	11°32	29°33	16°54	0°39	11° 2	11° 8	1°37	1°31	29° 5	25° 1	M17
T 18	13 43 18	27°38'48	5♉15	4°47	0♉18	11°11	29°38	17° 0	0°37	11° 4	11° 6	1°24	1°28	29°12	25° 5	T 18
W19	13 47 14	28°37'19	17°44	6°20	1°32	10°50	29°42	17° 6	0°35	11° 6	11° 4	1°11	1°24	29°18	25° 9	W19
T 20	13 51 11	29°35'47	29°59	7°56	2°46	10°30	29°46	17°12	0°33	11° 8	11° 3	0°59	1°21	29°25	25°13	T 20
F 21	13 55 7	0♉34'14	12♊ 2	9°33	4° 0	10°11	29°51	17°18	0°31	11° 9	11° 1	0°49	1°18	29°32	25°17	F 21
S 22	13 59 4	1°32'38	23°57	11°12	5°14	9°52	29°56	17°24	0°29	11°11	11° 0	0°43	1°15	29°38	25°21	S 22
S 23	14 3 0	2°31'01	5♋46	12°52	6°28	9°33	0♌ 1	17°30	0°27	11°13	10°58	0°39	1°12	29°45	25°24	S 23
M24	14 6 57	3°29'21	17°34	14°34	7°43	9°16	0° 6	17°36	0°25	11°15	10°57	0°37	1° 9	29°52	25°28	M24
T 25	14 10 54	4°27'39	29°26	16°19	8°57	8°58	0°11	17°42	0°22	11°17	10°55	0°37	1° 5	29°58	25°32	T 25
W26	14 14 50	5°25'55	11♌27	18° 4	10°11	8°42	0°17	17°48	0°20	11°19	10°54	0°37	1° 2	0♋ 5	25°36	W26
T 27	14 18 47	6°24'10	23°44	19°52	11°25	8°26	0°22	17°54	0°18	11°21	10°52	0°36	0°59	0°12	25°40	T 27
F 28	14 22 43	7°22'22	6♍20	21°41	12°39	8°11	0°28	17°59	0°16	11°22	10°51	0°33	0°56	0°18	25°43	F 28
S 29	14 26 40	8°20'32	19°20	23°33	13°53	7°57	0°34	18° 5	0°14	11°24	10°49	0°28	0°53	0°25	25°47	S 29
S 30	14 30 36	9♉18'40	2♎47	25♈26	15♉ 7	7♎43	0♌40	18♓10	0♐11	11♊26	10♎48	0♒21	0♒49	0♋32	25♈51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n21	4n25	3s 7	8s 4	1s36	2n28	1s19	4s24	2n41	21n 9	0n45	7s30	1s47	20s13	0n12	20n37	1s28	11n40	17n40	19s26	19s40	26n25	9n36	0n18
S 2	4 45	1s31	3 57	7 49	1 44	2 58	1 18	4 17	2 40	21 9	0 45	7 28	1 47	20 13	0 12	20 37	1 28	11 41	17 40	19 28	19 41	26 24	9 37	0 18
M 3	5 8	7 33	4 35	7 33	1 52	3 28	1 17	4 10	2 38	21 8	0 45	7 25	1 47	20 13	0 12	20 38	1 28	11 41	17 40	19 30	19 41	26 23	9 39	0 18
T 4	5 30	13 20	4 57	7 15	1 59	3 58	1 16	4 3	2 37	21 8	0 44	7 23	1 47	20 12	0 12	20 38	1 28	11 42	17 40	19 33	19 42	26 23	9 40	0 17
W 5	5 53	18 30	5 1	6 55	2 5	4 28	1 15	3 56	2 35	21 8	0 44	7 20	1 48	20 12	0 11	20 38	1 28	11 42	17 40	19 35	19 43	26 22	9 41	0 17
T 6	6 16	22 40	4 46	6 34	2 11	4 58	1 14	3 49	2 33	21 7	0 44	7 18	1 48	20 12	0 11	20 38	1 28	11 43	17 40	19 37	19 43	26 21	9 43	0 17
F 7	6 39	25 25	4 13	6 11	2 16	5 27	1 12	3 42	2 31	21 7	0 44	7 15	1 48	20 11	0 11	20 39	1 28	11 44	17 40	19 39	19 44	26 21	9 44	0 17
S 8	7 1	26 29	3 24	5 47	2 21	5 57	1 11	3 35	2 29	21 6	0 44	7 13	1 48	20 11	0 11	20 39	1 28	11 44	17 40	19 40	19 45	26 20	9 45	0 17
S 9	7 24	25 47	2 23	5 21	2 25	6 26	1 10	3 28	2 27	21 5	0 44	7 10	1 48	20 11	0 11	20 39	1 28	11 45	17 40	19 41	19 46	26 20	9 47	0 17
M10	7 46	23 25	1 13	4 54	2 29	6 56	1 8	3 21	2 25	21 5	0 44	7 8	1 48	20 10	0 11	20 39	1 28	11 45	17 40	19 41	19 46	26 19	9 48	0 17
T 11	8 8	19 39	0n 0	4 26	2 32	7 25	1 7	3 14	2 23	21 4	0 44	7 6	1 48	20 10	0 11	20 40	1 28	11 46	17 40	19 41	19 47	26 18	9 49	0 17
W12	8 30	14 52	1 13	3 56	2 34	7 54	1 5	3 7	2 21	21 4	0 44	7 3	1 49	20 10	0 11	20 40	1 28	11 47	17 39	19 41	19 48	26 18	9 51	0 17
T 13	8 52	9 23	2 20	3 25	2 36	8 23	1 4	3 0	2 19	21 3	0 44	7 1	1 49	20 9	0 11	20 40	1 28	11 47	17 39	19 42	19 48	26 17	9 52	0 17
F 14	9 14	3 32	3 19	2 52	2 37	8 51	1 2	2 54	2 17	21 2	0 44	6 58	1 49	20 9	0 11	20 40	1 28	11 48	17 39	19 43	19 49	26 16	9 53	0 17
S 15	9 35	2n23	4 5	2 19	2 38	9 20	1 0	2 47	2 14	21 1	0 44	6 56	1 49	20 9	0 11	20 41	1 28	11 48	17 39	19 45	19 50	26 16	9 55	0 17
S 16	9 57	8 6	4 38	1 44	2 39	9 48	0 59	2 41	2 12	21 0	0 44	6 54	1 49	20 8	0 11	20 41	1 28	11 49	17 39	19 47	19 51	26 15	9 56	0 17
M17	10 18	13 22	4 56	1 8	2 38	10 16	0 57	2 35	2 10	21 0	0 44	6 51	1 49	20 8	0 11	20 41	1 28	11 49	17 39	19 50	19 51	26 14	9 57	0 16
T 18	10 39	17 59	4 59	0 31	2 38	10 44	0 55	2 29	2 7	20 59	0 44	6 49	1 49	20 7	0 11	20 41	1 28	11 50	17 39	19 53	19 52	26 14	9 59	0 16
W19	11 0	21 45	4 48	0n 8	2 36	11 12	0 53	2 23	2 5	20 58	0 44	6 47	1 50	20 7	0 11	20 42	1 28	11 50	17 39	19 56	19 53	26 13	10 0	0 16
T 20	11 21	24 27	4 23	0 47	2 35	11 39	0 51	2 18	2 2	20 57	0 44	6 45	1 50	20 7	0 11	20 42	1 28	11 51	17 38	19 58	19 53	26 12	10 1	0 16
F 21	11 41	26 1	3 47	1 27	2 32	12 6	0 50	2 12	2 0	20 56	0 44	6 42	1 50	20 6	0 11	20 42	1 27	11 51	17 38	20 0	19 54	26 11	10 3	0 16
S 22	12 2	26 21	3 1	2 9	2 29	12 32	0 48	2 7	1 57	20 55	0 44	6 40	1 50	20 6	0 11	20 43	1 27	11 51	17 38	20 2	19 55	26 11	10 4	0 16
S 23	12 22	25 28	2 7	2 51	2 26	12 59	0 46	2 2	1 54	20 53	0 44	6 38	1 50	20 5	0 11	20 43	1 27	11 52	17 38	20 3	19 55	26 10	10 5	0 16
M24	12 42	23 27	1 9	3 34	2 22	13 25	0 44	1 58	1 52	20 52	0 44	6 36	1 50	20 5	0 11	20 43	1 27	11 52	17 38	20 3	19 56	26 9	10 7	0 16
T 25	13 2	20 24	0 6	4 18	2 18	13 51	0 41	1 53	1 49	20 51	0 44	6 34	1 51	20 4	0 11	20 43	1 27	11 53	17 37	20 3	19 57	26 8	10 8	0 16
W26	13 21	16 27	0s57	5 3	2 13	14 16	0 39	1 49	1 47	20 50	0 44	6 32	1 51	20 4	0 11	20 44	1 27	11 53	17 37	20 3	19 57	26 8	10 9	0 16
T 27	13 40	11 45	1 59	5 49	2 7	14 41	0 37	1 46	1 44	20 49	0 44	6 30	1 51	20 4	0 11	20 44	1 27	11 53	17 37	20 3	19 58	26 7	10 11	0 16
F 28	14 0	6 28	2 57	6 35	2 1	15 6	0 35	1 42	1 41	20 47	0 44	6 28	1 51	20 3	0 11	20 44	1 27	11 54	17 37	20 4	19 59	26 6	10 12	0 16
S 29	14 18	0 44	3 48	7 23	1 55	15 30	0 33	1 39	1 38	20 46	0 44	6 26	1 51	20 3	0 11	20 45	1 27	11 54	17 36	20 5	20 0	26 5	10 13	0 16
S 30	14n37	5s12	4s27	8n10	1s48	15n54	0s31	1s36	1n36	20n45	0n44	6s24	1s52	20s 2	0n11	20n45	1s27	11n54	17n36	20s 6	20s 0	26n 5	10n14	0n15

Julian Day Number = 2353019.5, Delta T = 11.24 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'28, Lahiri = 20°05'28Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

MAY 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 33	10♉16'46	16♎41	27♈20	16♉20	7°R30	0♌46	18♓16	0°R 9	11♊28	10°R46	0°R11	0♒46	0♋38	25♈55	M 1
T 2	14 38 29	11°14'50	0♏59	29°17	17°34	7♎18	0°53	18°21	0♐ 7	11°30	10♎45	29♑59	0°43	0°45	25°58	T 2
W 3	14 42 26	12°12'53	15°36	1♉15	18°48	7° 6	0°59	18°27	0° 4	11°32	10°44	29°49	0°40	0°52	26° 2	W 3
T 4	14 46 22	13°10'54	0♐25	3°15	20° 2	6°56	1° 6	18°32	0° 2	11°34	10°42	29°39	0°37	0°58	26° 6	T 4
F 5	14 50 19	14° 8'54	15°17	5°17	21°16	6°46	1°13	18°37	29♏59	11°36	10°41	29°31	0°34	1° 5	26° 9	F 5
S 6	14 54 16	15° 6'52	0♑ 4	7°20	22°30	6°37	1°19	18°42	29°57	11°38	10°40	29°26	0°30	1°12	26°13	S 6
S 7	14 58 12	16° 4'49	14°39	9°25	23°44	6°28	1°27	18°47	29°55	11°40	10°38	29°23	0°27	1°18	26°17	S 7
M 8	15 2 9	17° 2'44	28°59	11°31	24°58	6°21	1°34	18°52	29°53	11°43	10°37	29°D22	0°24	1°25	26°20	M 8
T 9	15 6 5	18° 0'38	13♒ 1	13°38	26°11	6°14	1°41	18°57	29°50	11°45	10°36	29°R23	0°21	1°32	26°24	T 9
W10	15 10 2	18°58'31	26°46	15°47	27°25	6° 8	1°48	19° 2	29°48	11°47	10°34	29°22	0°18	1°38	26°28	W10
T 11	15 13 58	19°56'23	10♓14	17°56	28°39	6° 3	1°56	19° 7	29°45	11°49	10°33	29°21	0°14	1°45	26°31	T 11
F 12	15 17 55	20°54'13	23°26	20° 7	29°53	5°59	2° 4	19°12	29°43	11°51	10°32	29°17	0°11	1°52	26°35	F 12
S 13	15 21 51	21°52'03	6♈26	22°18	1♊ 7	5°55	2°12	19°16	29°40	11°53	10°31	29°10	0° 8	1°58	26°38	S 13
S 14	15 25 48	22°49'51	19°12	24°29	2°20	5°53	2°20	19°21	29°38	11°55	10°30	29° 1	0° 5	2° 5	26°42	S 14
M15	15 29 45	23°47'38	1♉48	26°40	3°34	5°51	2°28	19°25	29°35	11°57	10°29	28°50	0° 2	2°12	26°45	M15
T 16	15 33 41	24°45'23	14°12	28°51	4°48	5°50	2°36	19°30	29°33	11°59	10°28	28°39	29♑59	2°18	26°49	T 16
W17	15 37 38	25°43'07	26°26	1♊ 2	6° 2	5°D49	2°44	19°34	29°30	12° 2	10°26	28°27	29°55	2°25	26°52	W17
T 18	15 41 34	26°40'50	8♊31	3°12	7°15	5°50	2°53	19°39	29°28	12° 4	10°25	28°17	29°52	2°32	26°56	T 18
F 19	15 45 31	27°38'32	20°28	5°21	8°29	5°51	3° 1	19°43	29°25	12° 6	10°24	28° 9	29°49	2°38	26°59	F 19
S 20	15 49 27	28°36'12	2♋19	7°28	9°43	5°53	3°10	19°47	29°23	12° 8	10°23	28° 3	29°46	2°45	27° 3	S 20
S 21	15 53 24	29°33'51	14° 6	9°34	10°56	5°56	3°19	19°51	29°20	12°10	10°22	28° 0	29°43	2°51	27° 6	S 21
M22	15 57 21	0♊31'28	25°53	11°38	12°10	5°59	3°27	19°55	29°18	12°13	10°22	27°D59	29°40	2°58	27° 9	M22
T 23	16 1 17	1°29'04	7♌45	13°40	13°24	6° 3	3°36	19°59	29°16	12°15	10°21	27°59	29°36	3° 5	27°13	T 23
W24	16 5 14	2°26'39	19°45	15°40	14°37	6° 8	3°46	20° 3	29°13	12°17	10°20	28° 0	29°33	3°11	27°16	W24
T 25	16 9 10	3°24'12	2♍ 0	17°37	15°51	6°14	3°55	20° 6	29°11	12°19	10°19	28°R 1	29°30	3°18	27°19	T 25
F 26	16 13 7	4°21'44	14°34	19°33	17° 4	6°20	4° 4	20°10	29° 8	12°21	10°18	28° 0	29°27	3°25	27°22	F 26
S 27	16 17 3	5°19'14	27°32	21°25	18°18	6°28	4°13	20°13	29° 6	12°24	10°17	27°58	29°24	3°31	27°26	S 27
S 28	16 21 0	6°16'43	10♎57	23°15	19°31	6°35	4°23	20°17	29° 3	12°26	10°17	27°54	29°20	3°38	27°29	S 28
M29	16 24 56	7°14'10	24°52	25° 3	20°45	6°44	4°33	20°20	29° 1	12°28	10°16	27°48	29°17	3°45	27°32	M29
T 30	16 28 53	8°11'37	9♏14	26°48	21°58	6°53	4°42	20°24	28°58	12°30	10°15	27°41	29°14	3°51	27°35	T 30
W31	16 32 50	9♊ 9'02	23♏59	28♊30	23♊12	7♎ 3	4♌52	20♓27	28♏56	12♊33	10♎14	27♑33	29♑11	3♋58	27♈38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n55	11s 4	4s53	8n59	1s41	16n18	0s28	1s33	1n33	20n43	0n43	6s22	1s52	20s 2	0n11	20n45	1s27	11n55	17n36	20s 9	20s 1	26n 4	10n16	0n15
T 2	15 14	16 32	5 1	9 47	1 33	16 41	0 26	1 31	1 30	20 42	0 43	6 20	1 52	20 1	0 11	20 45	1 27	11 55	17 36	20 11	20 2	26 3	10 17	0 15
W 3	15 32	21 9	4 50	10 36	1 24	17 4	0 24	1 29	1 28	20 40	0 43	6 18	1 52	20 1	0 11	20 46	1 27	11 55	17 35	20 13	20 2	26 2	10 18	0 15
T 4	15 49	24 30	4 19	11 26	1 16	17 26	0 22	1 27	1 25	20 39	0 43	6 16	1 52	20 0	0 11	20 46	1 27	11 55	17 35	20 15	20 3	26 1	10 20	0 15
F 5	16 7	26 9	3 31	12 15	1 7	17 48	0 19	1 26	1 22	20 37	0 43	6 14	1 53	20 0	0 11	20 46	1 27	11 56	17 35	20 17	20 4	26 0	10 21	0 15
S 6	16 24	25 57	2 29	13 5	0 57	18 9	0 17	1 25	1 20	20 36	0 43	6 12	1 53	19 59	0 11	20 47	1 27	11 56	17 34	20 18	20 4	26 0	10 22	0 15
S 7	16 41	23 57	1 17	13 54	0 47	18 30	0 15	1 24	1 17	20 34	0 43	6 10	1 53	19 59	0 11	20 47	1 27	11 56	17 34	20 19	20 5	25 59	10 23	0 15
M 8	16 57	20 26	0 2	14 43	0 37	18 50	0 12	1 23	1 14	20 33	0 43	6 9	1 53	19 58	0 11	20 47	1 27	11 56	17 34	20 19	20 6	25 58	10 25	0 15
T 9	17 13	15 47	1n12	15 31	0 27	19 10	0 10	1 23	1 12	20 31	0 43	6 7	1 53	19 58	0 11	20 48	1 27	11 56	17 33	20 19	20 6	25 57	10 26	0 15
W10	17 29	10 25	2 20	16 19	0 17	19 30	0 7	1 23	1 9	20 29	0 43	6 5	1 54	19 57	0 11	20 48	1 27	11 56	17 33	20 19	20 7	25 56	10 27	0 15
T 11	17 45	4 40	3 19	17 6	0 6	19 48	0 5	1 23	1 7	20 28	0 43	6 3	1 54	19 57	0 11	20 48	1 27	11 57	17 33	20 19	20 8	25 55	10 28	0 15
F 12	18 1	1n 9	4 6	17 52	0n 4	20 7	0 3	1 24	1 4	20 26	0 43	6 2	1 54	19 56	0 11	20 49	1 27	11 57	17 32	20 20	20 8	25 55	10 30	0 15
S 13	18 16	6 50	4 40	18 37	0 15	20 25	0 0	1 25	1 1	20 24	0 43	6 0	1 54	19 56	0 11	20 49	1 27	11 57	17 32	20 21	20 9	25 54	10 31	0 15
S 14	18 30	12 8	4 58	19 20	0 25	20 42	0n 2	1 26	0 59	20 22	0 43	5 58	1 54	19 55	0 11	20 49	1 27	11 57	17 32	20 23	20 10	25 53	10 32	0 14
M15	18 45	16 50	5 2	20 1	0 36	20 59	0 5	1 28	0 56	20 20	0 43	5 57	1 55	19 55	0 11	20 49	1 27	11 57	17 31	20 25	20 10	25 52	10 33	0 14
T 16	18 59	20 46	4 52	20 41	0 46	21 15	0 7	1 30	0 54	20 18	0 43	5 55	1 55	19 54	0 11	20 50	1 27	11 57	17 31	20 28	20 11	25 51	10 34	0 14
W17	19 13	23 44	4 28	21 18	0 55	21 30	0 10	1 32	0 51	20 17	0 43	5 54	1 55	19 54	0 11	20 50	1 27	11 57	17 30	20 30	20 12	25 50	10 36	0 14
T 18	19 27	25 35	3 52	21 53	1 5	21 45	0 12	1 34	0 49	20 15	0 43	5 52	1 55	19 53	0 11	20 50	1 27	11 57	17 30	20 32	20 13	25 49	10 37	0 14
F 19	19 40	26 14	3 7	22 26	1 14	21 59	0 14	1 37	0 47	20 13	0 43	5 51	1 55	19 52	0 11	20 51	1 27	11 57	17 30	20 34	20 13	25 48	10 38	0 14
S 20	19 53	25 40	2 13	22 56	1 22	22 13	0 17	1 40	0 44	20 11	0 43	5 50	1 56	19 52	0 11	20 51	1 27	11 57	17 29	20 35	20 14	25 47	10 39	0 14
S 21	20 5	23 57	1 14	23 24	1 30	22 26	0 19	1 43	0 42	20 8	0 43	5 48	1 56	19 51	0 11	20 51	1 27	11 57	17 29	20 36	20 15	25 46	10 40	0 14
M22	20 17	21 11	0 11	23 49	1 37	22 39	0 22	1 47	0 40	20 6	0 43	5 47	1 56	19 51	0 11	20 52	1 27	11 57	17 28	20 36	20 15	25 45	10 41	0 14
T 23	20 29	17 31	0s52	24 11	1 44	22 50	0 24	1 50	0 37	20 4	0 43	5 45	1 56	19 50	0 11	20 52	1 27	11 57	17 28	20 36	20 16	25 45	10 43	0 14
W24	20 41	13 6	1 54	24 31	1 49	23 2	0 26	1 54	0 35	20 2	0 43	5 44	1 57	19 50	0 11	20 52	1 27	11 57	17 28	20 36	20 17	25 44	10 44	0 14
T 25	20 52	8 6	2 52	24 48	1 55	23 12	0 29	1 59	0 33	20 0	0 43	5 43	1 57	19 49	0 11	20 52	1 27	11 57	17 27	20 35	20 17	25 43	10 45	0 14
F 26	21 3	2 39	3 44	25 2	1 59	23 22	0 31	2 3	0 31	19 58	0 43	5 42	1 57	19 49	0 11	20 53	1 27	11 57	17 27	20 36	20 18	25 42	10 46	0 14
S 27	21 13	3s 5	4 25	25 14	2 3	23 31	0 34	2 8	0 28	19 55	0 43	5 41	1 57	19 48	0 11	20 53	1 27	11 57	17 26	20 36	20 19	25 41	10 47	0 14
S 28	21 23	8 51	4 54	25 24	2 6	23 39	0 36	2 13	0 26	19 53	0 43	5 39	1 58	19 48	0 11	20 53	1 27	11 57	17 26	20 37	20 19	25 40	10 48	0 13
M29	21 33	14 24	5 7	25 30	2 8	23 47	0 38	2 18	0 24	19 51	0 43	5 38	1 58	19 47	0 11	20 54	1 27	11 56	17 25	20 38	20 20	25 39	10 49	0 13
T 30	21 42	19 21	5 1	25 35	2 9	23 54	0 41	2 24	0 22	19 48	0 43	5 37	1 58	19 47	0 11	20 54	1 27	11 56	17 25	20 39	20 20	25 38	10 50	0 13
W31	21n51	23s15	4s36	25n38	2n 9	24n 1	0n43	2s30	0n20	19n46	0n43	5s36	1s58	19s46	0n11	20n54	1s27	11n56	17n24	20s41	20s21	25n37	10n51	0n13

Julian Day Number = 2353049.5, Delta T = 11.25 sec
Ecliptic obliquity = 23°28'33, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'32, Lahiri = 20°05'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

JUNE 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 46	10♊ 6'27	9♐ 1	0♋ 9	24♊25	7♎13	5♌ 2	20♓30	28°R53	12♊35	10°R14	27°R26	29♑ 8	4♋ 5	27♈41	T 1
F 2	16 40 43	11° 3'50	24°10	1°46	25°39	7°24	5°12	20°33	28♏51	12°37	10♎13	27♑21	29° 5	4°11	27°44	F 2
S 3	16 44 39	12° 1'13	9♑16	3°19	26°52	7°35	5°22	20°36	28°48	12°39	10°13	27°18	29° 1	4°18	27°47	S 3
S 4	16 48 36	12°58'35	24°10	4°50	28° 6	7°48	5°32	20°39	28°46	12°42	10°12	27°D17	28°58	4°25	27°50	S 4
M 5	16 52 32	13°55'56	8♒46	6°18	29°19	8° 0	5°42	20°41	28°44	12°44	10°12	27°17	28°55	4°31	27°53	M 5
T 6	16 56 29	14°53'17	23° 0	7°43	0♋33	8°14	5°53	20°44	28°41	12°46	10°11	27°18	28°52	4°38	27°56	T 6
W 7	17 0 25	15°50'37	6♓52	9° 5	1°46	8°28	6° 3	20°47	28°39	12°48	10°11	27°20	28°49	4°45	27°59	W 7
T 8	17 4 22	16°47'57	20°20	10°25	2°59	8°42	6°14	20°49	28°37	12°51	10°10	27°R20	28°46	4°51	28° 2	T 8
F 9	17 8 19	17°45'16	3♈28	11°41	4°13	8°57	6°24	20°51	28°34	12°53	10°10	27°19	28°42	4°58	28° 4	F 9
S 10	17 12 15	18°42'35	16°18	12°54	5°26	9°13	6°35	20°54	28°32	12°55	10° 9	27°16	28°39	5° 5	28° 7	S 10
S 11	17 16 12	19°39'53	28°52	14° 4	6°40	9°29	6°46	20°56	28°30	12°57	10° 9	27°11	28°36	5°11	28°10	S 11
M12	17 20 8	20°37'11	11♉14	15°11	7°53	9°45	6°57	20°58	28°27	12°59	10° 9	27° 6	28°33	5°18	28°12	M12
T 13	17 24 5	21°34'29	23°25	16°15	9° 6	10° 3	7° 8	21° 0	28°25	13° 2	10° 9	26°59	28°30	5°25	28°15	T 13
W14	17 28 1	22°31'47	5♊27	17°15	10°20	10°20	7°19	21° 2	28°23	13° 4	10° 8	26°53	28°26	5°31	28°18	W14
T 15	17 31 58	23°29'03	17°23	18°12	11°33	10°38	7°30	21° 4	28°21	13° 6	10° 8	26°48	28°23	5°38	28°20	T 15
F 16	17 35 54	24°26'20	29°13	19° 5	12°46	10°57	7°41	21° 5	28°19	13° 8	10° 8	26°44	28°20	5°45	28°23	F 16
S 17	17 39 51	25°23'36	11♋ 1	19°55	13°59	11°16	7°52	21° 7	28°17	13°11	10° 8	26°41	28°17	5°51	28°25	S 17
S 18	17 43 48	26°20'51	22°48	20°41	15°13	11°36	8° 3	21° 9	28°14	13°13	10° 8	26°D40	28°14	5°58	28°28	S 18
M19	17 47 44	27°18'06	4♌37	21°24	16°26	11°56	8°15	21°10	28°12	13°15	10° 8	26°40	28°11	6° 5	28°30	M19
T 20	17 51 41	28°15'20	16°32	22° 2	17°39	12°16	8°26	21°11	28°10	13°17	10°D 8	26°41	28° 7	6°11	28°32	T 20
W21	17 55 37	29°12'34	28°35	22°37	18°52	12°37	8°37	21°13	28° 8	13°19	10° 8	26°43	28° 4	6°18	28°35	W21
T 22	17 59 34	0♋ 9'47	10♍52	23° 7	20° 6	12°59	8°49	21°14	28° 6	13°21	10° 8	26°44	28° 1	6°25	28°37	T 22
F 23	18 3 30	1° 7'00	23°25	23°33	21°19	13°20	9° 1	21°15	28° 4	13°24	10° 8	26°45	27°58	6°31	28°39	F 23
S 24	18 7 27	2° 4'12	6♎20	23°55	22°32	13°43	9°12	21°16	28° 2	13°26	10° 8	26°R45	27°55	6°38	28°41	S 24
S 25	18 11 23	3° 1'24	19°41	24°12	23°45	14° 5	9°24	21°16	28° 0	13°28	10° 8	26°45	27°52	6°45	28°43	S 25
M26	18 15 20	3°58'35	3♏28	24°25	24°58	14°28	9°36	21°17	27°59	13°30	10° 8	26°43	27°48	6°51	28°45	M26
T 27	18 19 17	4°55'46	17°43	24°33	26°11	14°52	9°48	21°18	27°57	13°32	10° 8	26°40	27°45	6°58	28°47	T 27
W28	18 23 13	5°52'57	2♐22	24°R36	27°24	15°15	9°59	21°18	27°55	13°34	10° 9	26°38	27°42	7° 5	28°49	W28
T 29	18 27 10	6°50'07	17°21	24°35	28°37	15°39	10°11	21°19	27°53	13°36	10° 9	26°35	27°39	7°11	28°51	T 29
F 30	18 31 6	7♋47'17	2♑32	24♋29	29♋51	16♎ 4	10♌23	21♓19	27♏52	13♊38	10♎ 9	26♑33	27♑36	7♋18	28♈53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	25s38	3s51	25n38	2n 9	24n 6	0n45	2s36	0n18	19n44	0n43	5s35	1s59	19s46	0n11	20n55	1s27	11n56	17n24	20s42	20s22	25n36	10n52	0n13
F 2	22 8	26 10	2 49	25 36	2 8	24 11	0 47	2 42	0 16	19 41	0 43	5 34	1 59	19 45	0 11	20 55	1 27	11 56	17 23	20 43	20 22	25 35	10 53	0 13
S 3	22 16	24 45	1 36	25 32	2 6	24 16	0 49	2 48	0 14	19 39	0 43	5 33	1 59	19 45	0 11	20 55	1 26	11 55	17 23	20 44	20 23	25 34	10 54	0 13
S 4	22 23	21 35	0 17	25 27	2 4	24 19	0 52	2 55	0 12	19 36	0 43	5 32	1 59	19 44	0 11	20 55	1 26	11 55	17 22	20 44	20 24	25 33	10 55	0 13
M 5	22 30	17 6	1n 2	25 20	2 1	24 22	0 54	3 2	0 10	19 34	0 43	5 32	2 0	19 44	0 11	20 56	1 26	11 55	17 22	20 44	20 24	25 32	10 56	0 13
T 6	22 37	11 45	2 15	25 11	1 57	24 24	0 56	3 9	0 8	19 31	0 43	5 31	2 0	19 43	0 11	20 56	1 26	11 55	17 21	20 44	20 25	25 31	10 57	0 13
W 7	22 43	5 56	3 18	25 1	1 52	24 26	0 58	3 16	0 6	19 29	0 43	5 30	2 0	19 43	0 11	20 56	1 26	11 54	17 21	20 44	20 26	25 30	10 58	0 13
T 8	22 49	0 2	4 8	24 50	1 46	24 26	1 0	3 23	0 4	19 26	0 43	5 29	2 0	19 42	0 11	20 57	1 26	11 54	17 20	20 44	20 26	25 28	10 59	0 13
F 9	22 55	5n44	4 44	24 37	1 40	24 26	1 2	3 31	0 3	19 23	0 43	5 28	2 1	19 42	0 11	20 57	1 26	11 54	17 20	20 44	20 27	25 27	11 0	0 13
S 10	23 0	11 6	5 5	24 24	1 33	24 26	1 4	3 39	0 1	19 21	0 43	5 28	2 1	19 41	0 11	20 57	1 26	11 53	17 19	20 44	20 28	25 26	11 1	0 13
S 11	23 4	15 55	5 10	24 9	1 25	24 24	1 6	3 47	0s 1	19 18	0 43	5 27	2 1	19 41	0 11	20 57	1 26	11 53	17 19	20 45	20 28	25 25	11 2	0 12
M12	23 9	19 59	5 1	23 53	1 17	24 22	1 8	3 55	0 3	19 15	0 43	5 27	2 1	19 40	0 11	20 58	1 26	11 53	17 18	20 46	20 29	25 24	11 3	0 12
T 13	23 12	23 9	4 39	23 37	1 8	24 19	1 9	4 3	0 4	19 12	0 43	5 26	2 2	19 40	0 11	20 58	1 26	11 52	17 18	20 47	20 30	25 23	11 4	0 12
W14	23 16	25 14	4 4	23 20	0 59	24 15	1 11	4 11	0 6	19 10	0 43	5 26	2 2	19 39	0 11	20 58	1 26	11 52	17 17	20 49	20 30	25 22	11 5	0 12
T 15	23 19	26 10	3 18	23 2	0 48	24 11	1 13	4 20	0 8	19 7	0 43	5 25	2 2	19 39	0 11	20 59	1 26	11 51	17 17	20 50	20 31	25 21	11 5	0 12
F 16	23 22	25 53	2 25	22 44	0 37	24 6	1 14	4 29	0 9	19 4	0 43	5 25	2 2	19 38	0 11	20 59	1 26	11 51	17 16	20 51	20 32	25 20	11 6	0 12
S 17	23 24	24 25	1 25	22 25	0 26	24 0	1 16	4 38	0 11	19 1	0 43	5 24	2 3	19 38	0 11	20 59	1 26	11 51	17 15	20 51	20 32	25 19	11 7	0 12
S 18	23 25	21 53	0 21	22 6	0 14	23 54	1 18	4 47	0 12	18 58	0 43	5 24	2 3	19 37	0 11	20 59	1 26	11 50	17 15	20 51	20 33	25 18	11 8	0 12
M19	23 27	18 26	0s44	21 47	0 1	23 46	1 19	4 56	0 14	18 55	0 43	5 24	2 3	19 37	0 11	21 0	1 26	11 50	17 14	20 51	20 33	25 16	11 9	0 12
T 20	23 28	14 12	1 47	21 28	0s12	23 38	1 21	5 6	0 16	18 52	0 43	5 23	2 3	19 36	0 11	21 0	1 26	11 49	17 14	20 51	20 34	25 15	11 9	0 12
W21	23 28	9 23	2 47	21 9	0 26	23 30	1 22	5 15	0 17	18 49	0 43	5 23	2 4	19 36	0 11	21 0	1 26	11 49	17 13	20 51	20 35	25 14	11 10	0 12
T 22	23 29	4 7	3 40	20 50	0 40	23 21	1 23	5 25	0 19	18 46	0 43	5 23	2 4	19 36	0 11	21 0	1 26	11 48	17 13	20 50	20 35	25 13	11 11	0 12
F 23	23 28	1s25	4 23	20 31	0 55	23 11	1 25	5 35	0 20	18 43	0 43	5 23	2 4	19 35	0 11	21 1	1 27	11 48	17 12	20 50	20 36	25 12	11 12	0 12
S 24	23 28	7 2	4 55	20 13	1 10	23 0	1 26	5 45	0 22	18 40	0 43	5 23	2 4	19 35	0 11	21 1	1 27	11 47	17 12	20 50	20 37	25 11	11 12	0 12
S 25	23 26	12 32	5 13	19 55	1 25	22 49	1 27	5 55	0 23	18 37	0 43	5 22	2 5	19 34	0 11	21 1	1 27	11 46	17 11	20 50	20 37	25 10	11 13	0 11
M26	23 25	17 35	5 13	19 37	1 40	22 37	1 28	6 5	0 24	18 34	0 43	5 22	2 5	19 34	0 11	21 1	1 27	11 46	17 11	20 51	20 38	25 8	11 14	0 11
T 27	23 23	21 50	4 54	19 20	1 56	22 24	1 29	6 15	0 26	18 31	0 43	5 22	2 5	19 33	0 11	21 2	1 27	11 45	17 10	20 51	20 39	25 7	11 14	0 11
W28	23 21	24 51	4 16	19 4	2 12	22 11	1 30	6 26	0 27	18 27	0 43	5 22	2 6	19 33	0 11	21 2	1 27	11 45	17 9	20 52	20 39	25 6	11 15	0 11
T 29	23 18	26 11	3 20	18 49	2 27	21 57	1 31	6 37	0 28	18 24	0 43	5 23	2 6	19 33	0 11	21 2	1 27	11 44	17 9	20 52	20 40	25 5	11 15	0 11
F 30	23n15	25s36	2s 9	18n35	2s43	21n43	1n32	6s47	0s30	18n21	0n43	5s23	2s 6	19s32	0n11	21n 2	1s27	11n43	17n 8	20s53	20s40	25n 4	11n16	0n11

Julian Day Number = 2353080.5, Delta T = 11.27 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'36, Lahiri = 20°05'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

JULY 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 3	8♋44'27	17♑45	24°R19	1♌ 4	16♎29	10♌35	21♓19	27°R50	13♊41	10♎ 9	26°R32	27♑32	7♋24	28♈55	S 1
S 2	18 38 59	9°41'38	2♒51	24♋ 4	2°17	16°54	10°47	21°19	27♏48	13°43	10°10	26°D32	27°29	7°31	28°57	S 2
M 3	18 42 56	10°38'48	17°40	23°45	3°30	17°20	11° 0	21°R19	27°47	13°45	10°10	26♑33	27°26	7°38	28°58	M 3
T 4	18 46 53	11°35'59	2♓ 8	23°22	4°43	17°45	11°12	21°19	27°45	13°47	10°11	26°34	27°23	7°44	29° 0	T 4
W 5	18 50 49	12°33'09	16°10	22°55	5°55	18°12	11°24	21°19	27°43	13°49	10°11	26°35	27°20	7°51	29° 2	W 5
T 6	18 54 46	13°30'21	29°46	22°25	7° 8	18°38	11°36	21°19	27°42	13°51	10°12	26°36	27°17	7°58	29° 3	T 6
F 7	18 58 42	14°27'32	12♈57	21°51	8°21	19° 5	11°49	21°18	27°41	13°53	10°12	26°R36	27°13	8° 4	29° 5	F 7
S 8	19 2 39	15°24'45	25°45	21°16	9°34	19°32	12° 1	21°18	27°39	13°55	10°13	26°36	27°10	8°11	29° 6	S 8
S 9	19 6 35	16°21'57	8♉15	20°38	10°47	20° 0	12°13	21°17	27°38	13°57	10°13	26°35	27° 7	8°18	29° 8	S 9
M10	19 10 32	17°19'11	20°30	19°59	12° 0	20°28	12°26	21°17	27°36	13°59	10°14	26°34	27° 4	8°24	29° 9	M10
T 11	19 14 28	18°16'25	2♊33	19°20	13°13	20°56	12°38	21°16	27°35	14° 1	10°15	26°33	27° 1	8°31	29°10	T 11
W12	19 18 25	19°13'39	14°27	18°40	14°26	21°24	12°51	21°15	27°34	14° 2	10°15	26°32	26°58	8°38	29°12	W12
T 13	19 22 22	20°10'54	26°17	18° 2	15°38	21°53	13° 3	21°14	27°33	14° 4	10°16	26°31	26°54	8°44	29°13	T 13
F 14	19 26 18	21° 8'10	8♋ 5	17°24	16°51	22°22	13°16	21°13	27°32	14° 6	10°17	26°31	26°51	8°51	29°14	F 14
S 15	19 30 15	22° 5'26	19°52	16°49	18° 4	22°51	13°29	21°12	27°30	14° 8	10°18	26°30	26°48	8°58	29°15	S 15
S 16	19 34 11	23° 2'43	1♌43	16°17	19°17	23°21	13°41	21°11	27°29	14°10	10°19	26°D30	26°45	9° 4	29°16	S 16
M17	19 38 8	23°59'59	13°38	15°48	20°29	23°50	13°54	21° 9	27°28	14°12	10°19	26°30	26°42	9°11	29°17	M17
T 18	19 42 4	24°57'17	25°40	15°22	21°42	24°21	14° 7	21° 8	27°27	14°14	10°20	26°31	26°38	9°18	29°18	T 18
W19	19 46 1	25°54'35	7♍52	15° 1	22°55	24°51	14°20	21° 6	27°26	14°15	10°21	26°31	26°35	9°24	29°19	W19
T 20	19 49 57	26°51'53	20°16	14°45	24° 7	25°22	14°32	21° 5	27°26	14°17	10°22	26°R31	26°32	9°31	29°20	T 20
F 21	19 53 54	27°49'11	2♎56	14°34	25°20	25°52	14°45	21° 3	27°25	14°19	10°23	26°31	26°29	9°38	29°21	F 21
S 22	19 57 51	28°46'30	15°52	14°D29	26°33	26°24	14°58	21° 1	27°24	14°21	10°24	26°31	26°26	9°44	29°21	S 22
S 23	20 1 47	29°43'49	29°10	14°29	27°45	26°55	15°11	20°59	27°23	14°22	10°25	26°D31	26°23	9°51	29°22	S 23
M24	20 5 44	0♌41'09	12♏50	14°35	28°58	27°27	15°24	20°57	27°23	14°24	10°26	26°31	26°19	9°57	29°23	M24
T 25	20 9 40	1°38'30	26°52	14°47	0♍10	27°58	15°37	20°55	27°22	14°26	10°27	26°31	26°16	10° 4	29°23	T 25
W26	20 13 37	2°35'51	11♐18	15° 6	1°23	28°31	15°50	20°53	27°21	14°27	10°29	26°31	26°13	10°11	29°24	W26
T 27	20 17 33	3°33'12	26° 2	15°30	2°35	29° 3	16° 3	20°50	27°21	14°29	10°30	26°32	26°10	10°17	29°24	T 27
F 28	20 21 30	4°30'34	11♑ 0	16° 1	3°48	29°35	16°16	20°48	27°20	14°31	10°31	26°32	26° 7	10°24	29°25	F 28
S 29	20 25 26	5°27'57	26° 5	16°38	5° 0	0♏ 8	16°29	20°45	27°20	14°32	10°32	26°R33	26° 4	10°31	29°25	S 29
S 30	20 29 23	6°25'21	11♒ 7	17°21	6°12	0°41	16°42	20°43	27°19	14°34	10°34	26°32	26° 0	10°37	29°25	S 30
M31	20 33 20	7♌22'45	25♒59	18♋10	7♍25	1♏14	16♌55	20♓40	27♏19	14♊35	10♎35	26♑32	25♑57	10♋44	29♈25	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n11	23s 6	0s48	18n22	2s58	21n28	1n33	6s58	0s31	18n18	0n43	5s23	2s 6	19s32	0n11	21n 3	1s27	11n43	17n 8	20s53	20s41	25n 2	11n17	0n11
S 2	23 7	18 59	0n35	18 9	3 13	21 12	1 34	7 9	0 32	18 14	0 43	5 23	2 7	19 32	0 11	21 3	1 27	11 42	17 7	20 53	20 42	25 1	11 17	0 11
M 3	23 3	13 45	1 54	17 58	3 28	20 56	1 34	7 20	0 34	18 11	0 43	5 23	2 7	19 31	0 11	21 3	1 27	11 42	17 7	20 53	20 42	25 0	11 18	0 11
T 4	22 58	7 52	3 5	17 49	3 42	20 39	1 35	7 31	0 35	18 8	0 43	5 24	2 7	19 31	0 11	21 3	1 27	11 41	17 6	20 52	20 43	24 59	11 18	0 11
W 5	22 53	1 45	4 2	17 40	3 55	20 22	1 36	7 42	0 36	18 4	0 43	5 24	2 7	19 31	0 11	21 4	1 27	11 40	17 6	20 52	20 44	24 58	11 19	0 11
T 6	22 47	4n14	4 43	17 33	4 7	20 4	1 36	7 53	0 37	18 1	0 43	5 24	2 8	19 30	0 11	21 4	1 27	11 39	17 5	20 52	20 44	24 56	11 19	0 11
F 7	22 41	9 51	5 8	17 28	4 18	19 45	1 36	8 5	0 38	17 58	0 43	5 25	2 8	19 30	0 11	21 4	1 27	11 39	17 5	20 52	20 45	24 55	11 20	0 11
S 8	22 35	14 53	5 17	17 23	4 27	19 26	1 37	8 16	0 40	17 54	0 43	5 25	2 8	19 30	0 11	21 4	1 27	11 38	17 4	20 52	20 45	24 54	11 20	0 11
S 9	22 28	19 10	5 10	17 21	4 36	19 7	1 37	8 27	0 41	17 51	0 43	5 25	2 8	19 29	0 11	21 4	1 27	11 37	17 3	20 52	20 46	24 53	11 21	0 11
M10	22 21	22 33	4 50	17 19	4 43	18 46	1 37	8 39	0 42	17 47	0 43	5 26	2 9	19 29	0 11	21 5	1 27	11 37	17 3	20 52	20 47	24 51	11 21	0 10
T 11	22 14	24 54	4 17	17 19	4 48	18 26	1 37	8 51	0 43	17 44	0 43	5 27	2 9	19 29	0 11	21 5	1 27	11 36	17 2	20 53	20 47	24 50	11 22	0 10
W12	22 6	26 5	3 33	17 21	4 52	18 5	1 37	9 2	0 44	17 40	0 43	5 27	2 9	19 29	0 10	21 5	1 27	11 35	17 2	20 53	20 48	24 49	11 22	0 10
T 13	21 57	26 5	2 40	17 24	4 54	17 43	1 37	9 14	0 45	17 37	0 43	5 28	2 9	19 28	0 10	21 5	1 27	11 34	17 1	20 53	20 48	24 47	11 22	0 10
F 14	21 49	24 54	1 41	17 28	4 55	17 21	1 37	9 26	0 46	17 33	0 43	5 28	2 10	19 28	0 10	21 5	1 27	11 33	17 1	20 53	20 49	24 46	11 23	0 10
S 15	21 40	22 36	0 37	17 34	4 53	16 58	1 37	9 38	0 47	17 29	0 43	5 29	2 10	19 28	0 10	21 6	1 27	11 33	17 0	20 53	20 50	24 45	11 23	0 10
S 16	21 30	19 20	0s29	17 41	4 50	16 36	1 37	9 50	0 48	17 26	0 43	5 30	2 10	19 28	0 10	21 6	1 27	11 32	17 0	20 53	20 50	24 44	11 23	0 10
M17	21 20	15 16	1 34	17 48	4 46	16 12	1 36	10 2	0 49	17 22	0 43	5 31	2 10	19 27	0 10	21 6	1 27	11 31	16 59	20 53	20 51	24 42	11 24	0 10
T 18	21 10	10 33	2 35	17 57	4 40	15 48	1 36	10 14	0 50	17 18	0 43	5 31	2 11	19 27	0 10	21 6	1 27	11 30	16 59	20 53	20 52	24 41	11 24	0 10
W19	21 0	5 23	3 30	18 7	4 32	15 24	1 35	10 26	0 51	17 15	0 43	5 32	2 11	19 27	0 10	21 6	1 27	11 29	16 58	20 53	20 52	24 40	11 24	0 10
T 20	20 49	0s 4	4 16	18 18	4 24	14 59	1 35	10 38	0 52	17 11	0 43	5 33	2 11	19 27	0 10	21 7	1 27	11 29	16 58	20 53	20 53	24 38	11 24	0 10
F 21	20 38	5 37	4 51	18 29	4 13	14 34	1 34	10 50	0 53	17 7	0 43	5 34	2 11	19 27	0 10	21 7	1 27	11 28	16 57	20 53	20 53	24 37	11 24	0 10
S 22	20 26	11 3	5 12	18 40	4 2	14 9	1 33	11 3	0 54	17 4	0 43	5 35	2 12	19 26	0 10	21 7	1 27	11 27	16 57	20 53	20 54	24 36	11 25	0 10
S 23	20 14	16 8	5 17	18 52	3 50	13 43	1 33	11 15	0 55	17 0	0 43	5 36	2 12	19 26	0 10	21 7	1 27	11 26	16 56	20 53	20 55	24 34	11 25	0 10
M24	20 2	20 33	5 5	19 5	3 37	13 17	1 32	11 27	0 56	16 56	0 43	5 37	2 12	19 26	0 10	21 7	1 27	11 25	16 55	20 53	20 55	24 33	11 25	0 9
T 25	19 49	23 56	4 34	19 17	3 23	12 51	1 31	11 39	0 57	16 52	0 43	5 38	2 12	19 26	0 10	21 7	1 27	11 24	16 55	20 53	20 56	24 32	11 25	0 9
W26	19 37	25 54	3 46	19 29	3 9	12 24	1 30	11 52	0 58	16 48	0 44	5 39	2 13	19 26	0 10	21 8	1 27	11 23	16 54	20 53	20 56	24 30	11 25	0 9
T 27	19 23	26 6	2 42	19 41	2 54	11 57	1 29	12 4	0 59	16 45	0 44	5 40	2 13	19 26	0 10	21 8	1 27	11 22	16 54	20 53	20 57	24 29	11 25	0 9
F 28	19 10	24 26	1 25	19 53	2 39	11 29	1 27	12 17	1 0	16 41	0 44	5 41	2 13	19 26	0 10	21 8	1 27	11 21	16 54	20 53	20 58	24 28	11 25	0 9
S 29	18 56	21 0	0 3	20 4	2 24	11 2	1 26	12 29	1 1	16 37	0 44	5 43	2 13	19 26	0 10	21 8	1 27	11 21	16 53	20 53	20 58	24 26	11 25	0 9
S 30	18 42	16 11	1n20	20 14	2 8	10 34	1 25	12 41	1 1	16 33	0 44	5 44	2 14	19 26	0 10	21 8	1 27	11 20	16 53	20 53	20 59	24 25	11 25	0 9
M31	18n27	10s26	2n36	20n23	1s52	10n 5	1n23	12s54	1s 2	16n29	0n44	5s45	2s14	19s26	0n10	21n 8	1s27	11n19	16n52	20s53	20s59	24n23	11n25	0n 9

Julian Day Number = 2353110.5, Delta T = 11.28 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'41, Lahiri = 20°05'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

AUGUST 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 16	8♌20'11	10♓33	19♋ 6	8♍37	1♏48	17♌ 8	20°R38	27°R19	14♊37	10♎36	26°R30	25♑54	10♋51	29♈25	T 1
W 2	20 41 13	9°17'38	24°42	20° 7	9°49	2°21	17°21	20♓35	27♏19	14°38	10°37	26♑29	25°51	10°57	29°26	W 2
T 3	20 45 9	10°15'05	8♈26	21°14	11° 1	2°55	17°34	20°32	27°18	14°40	10°39	26°27	25°48	11° 4	29°R26	T 3
F 4	20 49 6	11°12'35	21°43	22°27	12°13	3°29	17°47	20°29	27°18	14°41	10°40	26°26	25°44	11°11	29°26	F 4
S 5	20 53 2	12°10'05	4♉35	23°45	13°26	4° 4	18° 0	20°26	27°18	14°42	10°42	26°25	25°41	11°17	29°26	S 5
S 6	20 56 59	13° 7'37	17° 5	25° 8	14°38	4°38	18°13	20°23	27°D18	14°44	10°43	26°D25	25°38	11°24	29°25	S 6
M 7	21 0 55	14° 5'11	29°18	26°36	15°50	5°13	18°26	20°20	27°18	14°45	10°45	26°26	25°35	11°31	29°25	M 7
T 8	21 4 52	15° 2'45	11♊18	28° 9	17° 2	5°47	18°39	20°16	27°18	14°46	10°46	26°27	25°32	11°37	29°25	T 8
W 9	21 8 49	16° 0'22	23°10	29°46	18°14	6°22	18°52	20°13	27°18	14°48	10°48	26°28	25°29	11°44	29°25	W 9
T 10	21 12 45	16°57'59	4♋58	1♌27	19°26	6°58	19° 5	20°10	27°19	14°49	10°49	26°30	25°25	11°51	29°24	T 10
F 11	21 16 42	17°55'39	16°45	3°12	20°38	7°33	19°19	20° 6	27°19	14°50	10°51	26°31	25°22	11°57	29°24	F 11
S 12	21 20 38	18°53'19	28°36	5° 0	21°50	8° 9	19°32	20° 3	27°19	14°51	10°52	26°R31	25°19	12° 4	29°23	S 12
S 13	21 24 35	19°51'01	10♌33	6°51	23° 2	8°44	19°45	19°59	27°19	14°53	10°54	26°31	25°16	12°10	29°23	S 13
M14	21 28 31	20°48'44	22°38	8°45	24°14	9°20	19°58	19°55	27°20	14°54	10°56	26°29	25°13	12°17	29°22	M14
T 15	21 32 28	21°46'29	4♍54	10°40	25°25	9°56	20°11	19°51	27°20	14°55	10°57	26°26	25°10	12°24	29°22	T 15
W16	21 36 24	22°44'14	17°20	12°38	26°37	10°33	20°24	19°48	27°21	14°56	10°59	26°22	25° 6	12°30	29°21	W16
T 17	21 40 21	23°42'01	29°59	14°36	27°49	11° 9	20°37	19°44	27°21	14°57	11° 1	26°17	25° 3	12°37	29°20	T 17
F 18	21 44 18	24°39'50	12♎53	16°35	29° 1	11°46	20°50	19°40	27°22	14°58	11° 3	26°13	25° 0	12°44	29°20	F 18
S 19	21 48 14	25°37'39	26° 0	18°35	0♎12	12°23	21° 4	19°36	27°23	14°59	11° 4	26° 9	24°57	12°50	29°19	S 19
S 20	21 52 11	26°35'30	9♏22	20°35	1°24	13° 0	21°17	19°32	27°23	15° 0	11° 6	26° 7	24°54	12°57	29°18	S 20
M21	21 56 7	27°33'22	23° 0	22°36	2°35	13°37	21°30	19°28	27°24	15° 1	11° 8	26°D 6	24°50	13° 4	29°17	M21
T 22	22 0 4	28°31'15	6♐54	24°36	3°47	14°14	21°43	19°24	27°25	15° 2	11°10	26° 6	24°47	13°10	29°16	T 22
W23	22 4 0	29°29'10	21° 5	26°35	4°58	14°52	21°56	19°19	27°26	15° 3	11°12	26° 7	24°44	13°17	29°15	W23
T 24	22 7 57	0♑27'05	5♑30	28°34	6°10	15°29	22° 9	19°15	27°26	15° 4	11°14	26° 9	24°41	13°24	29°14	T 24
F 25	22 11 53	1°25'02	20° 6	0♑32	7°21	16° 7	22°22	19°11	27°27	15° 4	11°16	26°R10	24°38	13°30	29°12	F 25
S 26	22 15 50	2°23'01	4♒50	2°29	8°33	16°45	22°35	19° 7	27°28	15° 5	11°18	26° 9	24°35	13°37	29°11	S 26
S 27	22 19 47	3°21'01	19°36	4°26	9°44	17°23	22°48	19° 2	27°30	15° 6	11°19	26° 8	24°31	13°44	29°10	S 27
M28	22 23 43	4°19'02	4♓15	6°21	10°55	18° 1	23° 1	18°58	27°31	15° 7	11°21	26° 4	24°28	13°50	29° 9	M28
T 29	22 27 40	5°17'05	18°42	8°15	12° 6	18°40	23°14	18°54	27°32	15° 7	11°23	25°59	24°25	13°57	29° 7	T 29
W30	22 31 36	6°15'10	2♈50	10° 8	13°17	19°18	23°27	18°49	27°33	15° 8	11°25	25°53	24°22	14° 4	29° 6	W30
T 31	22 35 33	7♍13'16	16♈35	12♍ 0	14♎28	19♏57	23♌40	18♓45	27♏34	15♊ 9	11♎27	25♑46	24♑19	14♋10	29♈ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n12	4s13	3n41	20n31	1s36	9n37	1n22	13s 6	1s 3	16n25	0n44	5s46	2s14	19s25	0n10	21n 8	1s27	11n18	16n52	20s53	21s 0	24n22	11n25	0n 9
W 2	17 57	2n 1	4 29	20 38	1 21	9 8	1 20	13 18	1 4	16 21	0 44	5 48	2 14	19 25	0 10	21 9	1 27	11 17	16 51	20 53	21 1	24 21	11 25	0 9
T 3	17 42	7 58	5 1	20 43	1 5	8 39	1 19	13 31	1 5	16 17	0 44	5 49	2 14	19 25	0 10	21 9	1 27	11 16	16 51	20 54	21 1	24 19	11 25	0 9
F 4	17 26	13 21	5 16	20 47	0 50	8 10	1 17	13 43	1 5	16 13	0 44	5 50	2 15	19 25	0 10	21 9	1 27	11 15	16 50	20 54	21 2	24 18	11 25	0 9
S 5	17 10	17 59	5 13	20 48	0 36	7 41	1 15	13 56	1 6	16 9	0 44	5 52	2 15	19 25	0 10	21 9	1 27	11 14	16 50	20 54	21 2	24 16	11 25	0 9
S 6	16 54	21 42	4 56	20 47	0 21	7 11	1 13	14 8	1 7	16 5	0 44	5 53	2 15	19 25	0 10	21 9	1 27	11 13	16 49	20 54	21 3	24 15	11 25	0 8
M 7	16 38	24 22	4 26	20 45	0 8	6 41	1 11	14 20	1 8	16 1	0 44	5 55	2 15	19 25	0 10	21 9	1 28	11 12	16 49	20 54	21 3	24 14	11 25	0 8
T 8	16 21	25 53	3 45	20 39	0n 6	6 12	1 9	14 33	1 8	15 57	0 44	5 56	2 15	19 25	0 10	21 9	1 28	11 11	16 48	20 54	21 4	24 12	11 25	0 8
W 9	16 4	26 12	2 54	20 32	0 18	5 41	1 7	14 45	1 9	15 53	0 44	5 58	2 16	19 26	0 10	21 9	1 28	11 10	16 48	20 53	21 5	24 11	11 25	0 8
T 10	15 46	25 19	1 56	20 21	0 30	5 11	1 5	14 57	1 10	15 49	0 44	5 59	2 16	19 26	0 10	21 9	1 28	11 9	16 48	20 53	21 5	24 9	11 24	0 8
F 11	15 29	23 19	0 54	20 8	0 41	4 41	1 3	15 10	1 10	15 45	0 44	6 1	2 16	19 26	0 10	21 10	1 28	11 8	16 47	20 53	21 6	24 8	11 24	0 8
S 12	15 11	20 17	0s11	19 52	0 51	4 10	1 1	15 22	1 11	15 41	0 44	6 2	2 16	19 26	0 10	21 10	1 28	11 7	16 47	20 53	21 6	24 6	11 24	0 8
S 13	14 53	16 23	1 17	19 34	1 1	3 40	0 58	15 34	1 12	15 37	0 45	6 4	2 16	19 26	0 10	21 10	1 28	11 6	16 46	20 53	21 7	24 5	11 24	0 8
M14	14 35	11 48	2 19	19 13	1 9	3 9	0 56	15 46	1 12	15 33	0 45	6 5	2 17	19 26	0 10	21 10	1 28	11 5	16 46	20 53	21 8	24 3	11 23	0 8
T 15	14 16	6 42	3 16	18 49	1 17	2 38	0 53	15 58	1 13	15 29	0 45	6 7	2 17	19 26	0 10	21 10	1 28	11 4	16 45	20 54	21 8	24 2	11 23	0 8
W16	13 57	1 16	4 4	18 23	1 23	2 7	0 51	16 10	1 14	15 25	0 45	6 9	2 17	19 26	0 10	21 10	1 28	11 3	16 45	20 55	21 9	24 0	11 23	0 8
T 17	13 38	4s18	4 41	17 54	1 29	1 36	0 48	16 22	1 14	15 21	0 45	6 10	2 17	19 26	0 10	21 10	1 28	11 2	16 45	20 56	21 9	23 59	11 22	0 8
F 18	13 19	9 46	5 5	17 23	1 34	1 5	0 45	16 34	1 15	15 17	0 45	6 12	2 17	19 26	0 10	21 10	1 28	11 1	16 44	20 56	21 10	23 57	11 22	0 8
S 19	13 0	14 55	5 13	16 50	1 38	0 34	0 43	16 46	1 15	15 13	0 45	6 14	2 17	19 27	0 10	21 10	1 28	11 0	16 44	20 57	21 10	23 56	11 22	0 7
S 20	12 40	19 27	5 5	16 15	1 41	0 3	0 40	16 58	1 16	15 8	0 45	6 16	2 18	19 27	0 10	21 10	1 28	10 59	16 44	20 57	21 11	23 54	11 21	0 7
M21	12 20	23 3	4 39	15 38	1 44	0s28	0 37	17 10	1 17	15 4	0 45	6 17	2 18	19 27	0 10	21 10	1 28	10 58	16 43	20 58	21 12	23 53	11 21	0 7
T 22	12 0	25 24	3 57	15 0	1 45	0 59	0 34	17 22	1 17	15 0	0 45	6 19	2 18	19 27	0 10	21 10	1 28	10 57	16 43	20 58	21 12	23 51	11 20	0 7
W23	11 40	26 10	3 0	14 20	1 46	1 30	0 31	17 33	1 18	14 56	0 45	6 21	2 18	19 27	0 10	21 11	1 28	10 56	16 42	20 57	21 13	23 50	11 20	0 7
T 24	11 20	25 12	1 51	13 39	1 46	2 1	0 28	17 45	1 18	14 52	0 45	6 23	2 18	19 28	0 10	21 11	1 28	10 55	16 42	20 57	21 13	23 48	11 20	0 7
F 25	10 59	22 31	0 33	12 57	1 46	2 32	0 25	17 56	1 19	14 48	0 45	6 24	2 18	19 28	0 10	21 11	1 28	10 54	16 42	20 57	21 14	23 47	11 19	0 7
S 26	10 38	18 19	0n47	12 14	1 45	3 3	0 22	18 8	1 19	14 43	0 46	6 26	2 18	19 28	0 10	21 11	1 28	10 53	16 41	20 57	21 14	23 45	11 19	0 7
S 27	10 18	13 0	2 4	11 30	1 43	3 34	0 19	18 19	1 20	14 39	0 46	6 28	2 19	19 28	0 10	21 11	1 28	10 52	16 41	20 57	21 15	23 44	11 18	0 7
M28	9 56	6 59	3 12	10 45	1 41	4 5	0 16	18 31	1 20	14 35	0 46	6 30	2 19	19 29	0 10	21 11	1 28	10 51	16 41	20 58	21 16	23 42	11 17	0 7
T 29	9 35	0 41	4 7	10 0	1 38	4 36	0 12	18 42	1 21	14 31	0 46	6 32	2 19	19 29	0 10	21 11	1 28	10 50	16 41	20 59	21 16	23 41	11 17	0 7
W30	9 14	5n29	4 45	9 14	1 34	5 7	0 9	18 53	1 21	14 27	0 46	6 34	2 19	19 29	0 10	21 11	1 28	10 49	16 40	21 0	21 17	23 39	11 16	0 7
T 31	8n52	11n14	5n 6	8n28	1n31	5s38	0n 6	19s 4	1s22	14n23	0n46	6s35	2s19	19s30	0n10	21n11	1s28	10n47	16n40	21s 1	21s17	23n37	11n16	0n 7

Julian Day Number = 2353141.5, Delta T = 11.29 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'45, Lahiri = 20°05'45Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

SEPTEMBER 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 29	8♍11'24	29♈54	13♍51	15♎39	20♏35	23♑53	18°R40	27♏35	15♊ 9	11♎30	25°R40	24♉16	14♋17	29°R 3	F 1
S 2	22 43 26	9° 9'35	12♉49	15°40	16°50	21°14	24° 6	18♓36	27°37	15°10	11°32	25♉35	24°12	14°23	29♈ 1	S 2
S 3	22 47 22	10° 7'47	25°22	17°29	18° 1	21°53	24°19	18°31	27°38	15°10	11°34	25°32	24° 9	14°30	28°59	S 3
M 4	22 51 19	11° 6'02	7♊36	19°16	19°12	22°33	24°31	18°27	27°40	15°11	11°36	25°D31	24° 6	14°37	28°58	M 4
T 5	22 55 16	12° 4'19	19°36	21° 2	20°23	23°12	24°44	18°22	27°41	15°11	11°38	25°31	24° 3	14°43	28°56	T 5
W 6	22 59 12	13° 2'37	1♋27	22°47	21°34	23°52	24°57	18°17	27°43	15°12	11°40	25°33	24° 0	14°50	28°54	W 6
T 7	23 3 9	14° 0'58	13°15	24°31	22°44	24°31	25°10	18°13	27°44	15°12	11°42	25°34	23°56	14°57	28°52	T 7
F 8	23 7 5	14°59'21	25° 4	26°13	23°55	25°11	25°22	18° 8	27°46	15°13	11°44	25°R35	23°53	15° 3	28°51	F 8
S 9	23 11 2	15°57'46	6♌59	27°55	25° 6	25°51	25°35	18° 4	27°48	15°13	11°46	25°34	23°50	15°10	28°49	S 9
S 10	23 14 58	16°56'12	19° 3	29°35	26°16	26°31	25°48	17°59	27°49	15°13	11°49	25°31	23°47	15°17	28°47	S 10
M11	23 18 55	17°54'41	1♍20	1♎14	27°27	27°11	26° 0	17°54	27°51	15°13	11°51	25°26	23°44	15°23	28°45	M11
T 12	23 22 51	18°53'12	13°51	2°52	28°37	27°51	26°13	17°50	27°53	15°14	11°53	25°19	23°41	15°30	28°43	T 12
W13	23 26 48	19°51'44	26°37	4°30	29°47	28°32	26°26	17°45	27°55	15°14	11°55	25°10	23°37	15°37	28°41	W13
T 14	23 30 44	20°50'19	9♎38	6° 6	0♏58	29°12	26°38	17°40	27°57	15°14	11°58	25° 0	23°34	15°43	28°38	T 14
F 15	23 34 41	21°48'55	22°52	7°41	2° 8	29°53	26°51	17°36	27°59	15°14	12° 0	24°50	23°31	15°50	28°36	F 15
S 16	23 38 38	22°47'34	6♏18	9°15	3°18	0♐34	27° 3	17°31	28° 1	15°14	12° 2	24°41	23°28	15°56	28°34	S 16
S 17	23 42 34	23°46'14	19°56	10°48	4°28	1°14	27°15	17°27	28° 3	15°14	12° 4	24°35	23°25	16° 3	28°32	S 17
M18	23 46 31	24°44'55	3♐42	12°20	5°38	1°55	27°28	17°22	28° 5	15°R14	12° 7	24°31	23°21	16°10	28°29	M18
T 19	23 50 27	25°43'39	17°37	13°51	6°48	2°37	27°40	17°17	28° 7	15°14	12° 9	24°29	23°18	16°16	28°27	T 19
W20	23 54 24	26°42'24	1♑40	15°21	7°58	3°18	27°52	17°13	28° 9	15°14	12°11	24°D29	23°15	16°23	28°25	W20
T 21	23 58 20	27°41'11	15°50	16°50	9° 8	3°59	28° 5	17° 8	28°11	15°14	12°14	24°29	23°12	16°30	28°22	T 21
F 22	0 2 17	28°39'59	0♒ 6	18°18	10°17	4°41	28°17	17° 4	28°14	15°14	12°16	24°R29	23° 9	16°36	28°20	F 22
S 23	0 6 14	29°38'50	14°25	19°45	11°27	5°22	28°29	16°59	28°16	15°14	12°18	24°28	23° 6	16°43	28°18	S 23
S 24	0 10 10	0♎37'42	28°46	21°11	12°37	6° 4	28°41	16°55	28°18	15°14	12°20	24°24	23° 2	16°50	28°15	S 24
M25	0 14 7	1°36'35	13♓ 2	22°36	13°46	6°46	28°53	16°51	28°21	15°14	12°23	24°17	22°59	16°56	28°13	M25
T 26	0 18 3	2°35'31	27° 9	24° 0	14°55	7°28	29° 5	16°46	28°23	15°13	12°25	24° 8	22°56	17° 3	28°10	T 26
W27	0 22 0	3°34'28	11♈ 3	25°23	16° 5	8°10	29°17	16°42	28°26	15°13	12°27	23°57	22°53	17°10	28° 7	W27
T 28	0 25 56	4°33'28	24°38	26°44	17°14	8°52	29°29	16°38	28°28	15°13	12°30	23°45	22°50	17°16	28° 5	T 28
F 29	0 29 53	5°32'30	7♉53	28° 5	18°23	9°34	29°40	16°33	28°31	15°12	12°32	23°34	22°47	17°23	28° 2	F 29
S 30	0 33 49	6♎31'34	20♉45	29♎24	19♏32	10♐16	29♑52	16♓29	28♏33	15♊12	12♎35	23♉25	22♉43	17♋30	27♈59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n31	16n16	5n 9	7n42	1n27	6s 8	0n 2	19s15	1s22	14n18	0n46	6s37	2s19	19s30	0n10	21n11	1s29	10n46	16n40	21s 2	21s18	23n36	11n15	0n 6
S 2	8 9	20 24	4 56	6 55	1 22	6 39	0s 1	19 25	1 23	14 14	0 46	6 39	2 19	19 30	0 10	21 11	1 29	10 45	16 39	21 3	21 18	23 34	11 14	0 6
S 3	7 47	23 29	4 29	6 8	1 17	7 9	0 5	19 36	1 23	14 10	0 46	6 41	2 19	19 30	0 10	21 11	1 29	10 44	16 39	21 4	21 19	23 33	11 14	0 6
M 4	7 25	25 24	3 50	5 22	1 12	7 39	0 8	19 47	1 23	14 6	0 46	6 43	2 19	19 31	0 10	21 11	1 29	10 43	16 39	21 4	21 19	23 31	11 13	0 6
T 5	7 3	26 6	3 2	4 35	1 7	8 10	0 12	19 57	1 24	14 2	0 47	6 45	2 19	19 31	0 9	21 11	1 29	10 42	16 39	21 4	21 20	23 29	11 12	0 6
W 6	6 40	25 35	2 7	3 48	1 1	8 39	0 16	20 7	1 24	13 57	0 47	6 47	2 20	19 32	0 9	21 11	1 29	10 41	16 38	21 4	21 21	23 28	11 12	0 6
T 7	6 18	23 55	1 6	3 1	0 55	9 9	0 19	20 18	1 25	13 53	0 47	6 48	2 20	19 32	0 9	21 11	1 29	10 40	16 38	21 4	21 21	23 26	11 11	0 6
F 8	5 55	21 12	0 3	2 15	0 49	9 39	0 23	20 28	1 25	13 49	0 47	6 50	2 20	19 32	0 9	21 11	1 29	10 39	16 38	21 4	21 22	23 25	11 10	0 6
S 9	5 33	17 34	1s 1	1 29	0 42	10 8	0 26	20 38	1 25	13 45	0 47	6 52	2 20	19 33	0 9	21 11	1 29	10 38	16 38	21 4	21 22	23 23	11 10	0 6
S 10	5 10	13 11	2 3	0 43	0 35	10 37	0 30	20 48	1 26	13 41	0 47	6 54	2 20	19 33	0 9	21 11	1 29	10 37	16 37	21 4	21 23	23 21	11 9	0 6
M11	4 47	8 13	3 0	0s 3	0 29	11 6	0 34	20 57	1 26	13 36	0 47	6 56	2 20	19 34	0 9	21 11	1 29	10 36	16 37	21 5	21 23	23 20	11 8	0 6
T 12	4 24	2 50	3 50	0 49	0 22	11 35	0 38	21 7	1 26	13 32	0 47	6 58	2 20	19 34	0 9	21 11	1 29	10 35	16 37	21 6	21 24	23 18	11 7	0 6
W13	4 1	2s45	4 28	1 34	0 15	12 4	0 41	21 16	1 27	13 28	0 47	7 0	2 20	19 34	0 9	21 11	1 29	10 34	16 37	21 8	21 24	23 17	11 6	0 5
T 14	3 38	8 19	4 54	2 18	0 8	12 32	0 45	21 25	1 27	13 24	0 48	7 1	2 20	19 35	0 9	21 11	1 29	10 33	16 37	21 10	21 25	23 15	11 5	0 5
F 15	3 15	13 37	5 5	3 3	0 0	13 0	0 49	21 35	1 27	13 20	0 48	7 3	2 20	19 35	0 9	21 11	1 29	10 32	16 36	21 12	21 25	23 13	11 5	0 5
S 16	2 52	18 20	4 59	3 47	0s 7	13 28	0 53	21 44	1 28	13 16	0 48	7 5	2 20	19 36	0 9	21 11	1 29	10 31	16 36	21 13	21 26	23 12	11 4	0 5
S 17	2 29	22 10	4 36	4 30	0 14	13 55	0 57	21 52	1 28	13 11	0 48	7 7	2 20	19 36	0 9	21 11	1 29	10 30	16 36	21 14	21 27	23 10	11 3	0 5
M18	2 5	24 48	3 57	5 13	0 22	14 22	1 1	22 1	1 28	13 7	0 48	7 9	2 20	19 37	0 9	21 11	1 29	10 29	16 36	21 15	21 27	23 8	11 2	0 5
T 19	1 42	25 57	3 4	5 55	0 29	14 49	1 4	22 9	1 28	13 3	0 48	7 11	2 20	19 37	0 9	21 11	1 29	10 28	16 36	21 15	21 28	23 7	11 1	0 5
W20	1 19	25 27	1 59	6 37	0 37	15 16	1 8	22 18	1 29	12 59	0 48	7 12	2 20	19 38	0 9	21 11	1 29	10 27	16 36	21 15	21 28	23 5	11 0	0 5
T 21	0 55	23 18	0 46	7 19	0 44	15 42	1 12	22 26	1 29	12 55	0 48	7 14	2 20	19 38	0 9	21 11	1 29	10 26	16 36	21 15	21 29	23 3	10 59	0 5
F 22	0 32	19 40	0n30	7 59	0 52	16 8	1 16	22 34	1 29	12 51	0 48	7 16	2 20	19 39	0 9	21 10	1 29	10 25	16 35	21 15	21 29	23 1	10 58	0 5
S 23	0 8	14 52	1 44	8 39	1 0	16 33	1 20	22 42	1 29	12 47	0 49	7 18	2 20	19 39	0 9	21 10	1 29	10 24	16 35	21 16	21 30	23 0	10 57	0 5
S 24	0s15	9 14	2 52	9 19	1 7	16 58	1 24	22 49	1 30	12 43	0 49	7 19	2 20	19 40	0 9	21 10	1 30	10 23	16 35	21 16	21 30	22 58	10 56	0 5
M25	0 38	3 10	3 48	9 57	1 14	17 23	1 27	22 57	1 30	12 39	0 49	7 21	2 20	19 40	0 9	21 10	1 30	10 22	16 35	21 17	21 31	22 56	10 55	0 4
T 26	1 2	3n 0	4 30	10 36	1 22	17 47	1 31	23 4	1 30	12 35	0 49	7 23	2 20	19 41	0 9	21 10	1 30	10 21	16 35	21 19	21 31	22 55	10 54	0 4
W27	1 25	8 54	4 55	11 13	1 29	18 11	1 35	23 11	1 30	12 31	0 49	7 24	2 20	19 41	0 9	21 10	1 30	10 20	16 35	21 21	21 32	22 53	10 53	0 4
T 28	1 49	14 14	5 2	11 49	1 36	18 35	1 39	23 18	1 30	12 27	0 49	7 26	2 20	19 42	0 9	21 10	1 30	10 19	16 35	21 23	21 32	22 51	10 52	0 4
F 29	2 12	18 46	4 53	12 25	1 44	18 58	1 43	23 25	1 30	12 23	0 49	7 28	2 20	19 43	0 9	21 10	1 30	10 18	16 35	21 25	21 33	22 49	10 51	0 4
S 30	2s36	22n17	4n29	13s 0	1s51	19s21	1s46	23s31	1s31	12n19	0n50	7s29	2s20	19s43	0n 9	21n10	1s30	10n17	16n35	21s26	21s33	22n48	10n50	0n 4

Julian Day Number = 2353172.5, Delta T = 11.31 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'49, Lahiri = 20°05'50Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1730
geocentric

OCTOBER 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 46	7♎30'41	3♊17	0♏42	20♏41	10♐59	0♍ 4	16°R25	28♏36	15°R12	12♎37	23°R18	22♑40	17♋36	27°R57	S 1
M 2	0 41 42	8°29'49	15°31	1°59	21°49	11°41	0°15	16♓21	28°39	15♊11	12°39	23♑13	22°37	17°43	27♈54	M 2
T 3	0 45 39	9°29'00	27°32	3°14	22°58	12°24	0°27	16°17	28°41	15°11	12°42	23°11	22°34	17°49	27°51	T 3
W 4	0 49 36	10°28'14	9♋23	4°28	24° 7	13° 6	0°38	16°13	28°44	15°10	12°44	23°D10	22°31	17°56	27°49	W 4
T 5	0 53 32	11°27'29	21°11	5°40	25°15	13°49	0°50	16° 9	28°47	15°10	12°46	23°R10	22°27	18° 3	27°46	T 5
F 6	0 57 29	12°26'47	3♌ 1	6°51	26°23	14°32	1° 1	16° 5	28°50	15° 9	12°49	23°10	22°24	18° 9	27°43	F 6
S 7	1 1 25	13°26'08	14°58	8° 0	27°32	15°15	1°12	16° 1	28°52	15° 9	12°51	23° 8	22°21	18°16	27°40	S 7
S 8	1 5 22	14°25'30	27° 8	9° 6	28°40	15°58	1°23	15°57	28°55	15° 8	12°54	23° 4	22°18	18°23	27°37	S 8
M 9	1 9 18	15°24'55	9♍33	10°11	29°48	16°41	1°35	15°53	28°58	15° 7	12°56	22°58	22°15	18°29	27°34	M 9
T 10	1 13 15	16°24'22	22°17	11°13	0♐56	17°25	1°46	15°50	29° 1	15° 7	12°58	22°48	22°12	18°36	27°32	T 10
W11	1 17 11	17°23'51	5♎21	12°13	2° 3	18° 8	1°56	15°46	29° 4	15° 6	13° 1	22°36	22° 8	18°43	27°29	W11
T 12	1 21 8	18°23'22	18°44	13°10	3°11	18°51	2° 7	15°43	29° 7	15° 5	13° 3	22°24	22° 5	18°49	27°26	T 12
F 13	1 25 5	19°22'55	2♏23	14° 4	4°19	19°35	2°18	15°39	29°10	15° 4	13° 5	22°11	22° 2	18°56	27°23	F 13
S 14	1 29 1	20°22'30	16°15	14°54	5°26	20°19	2°29	15°36	29°13	15° 4	13° 8	21°59	21°59	19° 3	27°20	S 14
S 15	1 32 58	21°22'08	0♐17	15°41	6°33	21° 2	2°39	15°33	29°16	15° 3	13°10	21°50	21°56	19° 9	27°17	S 15
M16	1 36 54	22°21'47	14°23	16°24	7°40	21°46	2°50	15°29	29°19	15° 2	13°12	21°44	21°53	19°16	27°14	M16
T 17	1 40 51	23°21'28	28°31	17° 2	8°47	22°30	3° 0	15°26	29°22	15° 1	13°15	21°41	21°49	19°22	27°11	T 17
W18	1 44 47	24°21'10	12♑39	17°35	9°54	23°14	3°11	15°23	29°26	15° 0	13°17	21°39	21°46	19°29	27° 8	W18
T 19	1 48 44	25°20'54	26°46	18° 2	11° 1	23°58	3°21	15°20	29°29	14°59	13°19	21°39	21°43	19°36	27° 5	T 19
F 20	1 52 40	26°20'40	10♒49	18°24	12° 7	24°42	3°31	15°17	29°32	14°58	13°22	21°39	21°40	19°42	27° 2	F 20
S 21	1 56 37	27°20'28	24°49	18°39	13°13	25°26	3°41	15°14	29°35	14°57	13°24	21°37	21°37	19°49	26°59	S 21
S 22	2 0 34	28°20'17	8♓45	18°R47	14°19	26°11	3°51	15°12	29°39	14°56	13°26	21°32	21°33	19°56	26°56	S 22
M23	2 4 30	29°20'08	22°35	18°46	15°25	26°55	4° 1	15° 9	29°42	14°55	13°29	21°25	21°30	20° 2	26°54	M23
T 24	2 8 27	0♏20'00	6♈17	18°38	16°31	27°39	4°11	15° 6	29°45	14°54	13°31	21°15	21°27	20° 9	26°51	T 24
W25	2 12 23	1°19'55	19°47	18°21	17°36	28°24	4°21	15° 4	29°49	14°53	13°33	21° 2	21°24	20°16	26°48	W25
T 26	2 16 20	2°19'51	3♉ 3	17°54	18°42	29° 8	4°30	15° 1	29°52	14°52	13°36	20°49	21°21	20°22	26°45	T 26
F 27	2 20 16	3°19'49	16° 3	17°19	19°47	29°53	4°40	14°59	29°55	14°51	13°38	20°37	21°18	20°29	26°42	F 27
S 28	2 24 13	4°19'49	28°46	16°33	20°51	0♑38	4°49	14°57	29°59	14°49	13°40	20°26	21°14	20°36	26°39	S 28
S 29	2 28 9	5°19'52	11♊12	15°39	21°56	1°23	4°58	14°55	0♐ 2	14°48	13°42	20°17	21°11	20°42	26°36	S 29
M30	2 32 6	6°19'56	23°23	14°37	23° 0	2° 7	5° 7	14°53	0° 6	14°47	13°45	20°12	21° 8	20°49	26°33	M30
T 31	2 36 3	7♏20'03	5♋22	13♏28	24♐ 4	2♑52	5♍16	14♓51	0♐ 9	14♊46	13♎47	20♑ 9	21♑ 5	20♋55	26♈30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s59	24n39	3n52	13s34	1s57	19s43	1s50	23s37	1s31	12n15	0n50	7s31	2s20	19s44	0n 9	21n10	1s30	10n16	16n35	21s28	21s34	22n46	10n49	0n 4
M 2	3 22	25 46	3 6	14 7	2 4	20 5	1 54	23 43	1 31	12 11	0 50	7 32	2 20	19 44	0 9	21 10	1 30	10 16	16 35	21 28	21 35	22 44	10 48	0 4
T 3	3 46	25 39	2 12	14 40	2 11	20 26	1 57	23 49	1 31	12 7	0 50	7 34	2 20	19 45	0 9	21 10	1 30	10 15	16 35	21 29	21 35	22 43	10 47	0 4
W 4	4 9	24 21	1 13	15 11	2 17	20 47	2 1	23 55	1 31	12 3	0 50	7 35	2 20	19 46	0 9	21 10	1 30	10 14	16 35	21 29	21 36	22 41	10 46	0 4
T 5	4 32	21 59	0 11	15 41	2 23	21 7	2 5	24 0	1 31	11 59	0 50	7 37	2 20	19 46	0 9	21 9	1 30	10 13	16 35	21 29	21 36	22 39	10 45	0 4
F 6	4 56	18 40	0s52	16 10	2 29	21 27	2 8	24 5	1 31	11 55	0 50	7 38	2 20	19 47	0 9	21 9	1 30	10 12	16 35	21 29	21 37	22 37	10 44	0 4
S 7	5 19	14 34	1 53	16 38	2 35	21 46	2 12	24 10	1 31	11 51	0 51	7 40	2 19	19 48	0 9	21 9	1 30	10 11	16 35	21 29	21 37	22 35	10 43	0 3
S 8	5 42	9 50	2 50	17 5	2 40	22 5	2 15	24 15	1 31	11 47	0 51	7 41	2 19	19 48	0 9	21 9	1 30	10 10	16 35	21 30	21 38	22 34	10 42	0 3
M 9	6 5	4 37	3 39	17 30	2 45	22 23	2 18	24 20	1 32	11 43	0 51	7 43	2 19	19 49	0 9	21 9	1 30	10 9	16 35	21 31	21 38	22 32	10 41	0 3
T 10	6 28	0s54	4 19	17 55	2 50	22 41	2 22	24 24	1 32	11 40	0 51	7 44	2 19	19 49	0 9	21 9	1 30	10 8	16 35	21 33	21 39	22 30	10 40	0 3
W11	6 50	6 31	4 47	18 17	2 54	22 58	2 25	24 28	1 32	11 36	0 51	7 45	2 19	19 50	0 9	21 9	1 30	10 8	16 35	21 35	21 39	22 28	10 38	0 3
T 12	7 13	11 58	5 0	18 39	2 58	23 15	2 28	24 32	1 32	11 32	0 51	7 47	2 19	19 51	0 9	21 9	1 30	10 7	16 35	21 37	21 40	22 27	10 37	0 3
F 13	7 36	16 56	4 56	18 58	3 2	23 31	2 32	24 35	1 32	11 28	0 52	7 48	2 19	19 51	0 9	21 9	1 30	10 6	16 35	21 39	21 40	22 25	10 36	0 3
S 14	7 58	21 6	4 34	19 16	3 4	23 47	2 35	24 39	1 32	11 25	0 52	7 49	2 19	19 52	0 9	21 8	1 30	10 5	16 35	21 41	21 41	22 23	10 35	0 3
S 15	8 21	24 5	3 56	19 32	3 7	24 2	2 38	24 42	1 32	11 21	0 52	7 50	2 19	19 53	0 9	21 8	1 30	10 4	16 35	21 42	21 41	22 21	10 34	0 3
M16	8 43	25 36	3 3	19 46	3 8	24 16	2 41	24 45	1 32	11 17	0 52	7 51	2 19	19 54	0 9	21 8	1 30	10 3	16 35	21 43	21 42	22 19	10 33	0 3
T 17	9 5	25 27	1 59	19 58	3 9	24 30	2 44	24 47	1 32	11 14	0 52	7 53	2 18	19 54	0 9	21 8	1 30	10 3	16 35	21 44	21 42	22 17	10 32	0 3
W18	9 27	23 40	0 47	20 7	3 9	24 43	2 47	24 50	1 32	11 10	0 52	7 54	2 18	19 55	0 9	21 8	1 30	10 2	16 36	21 44	21 43	22 16	10 30	0 2
T 19	9 49	20 24	0n27	20 14	3 8	24 55	2 49	24 52	1 32	11 7	0 53	7 55	2 18	19 56	0 9	21 8	1 31	10 1	16 36	21 44	21 43	22 14	10 29	0 2
F 20	10 11	15 57	1 40	20 19	3 6	25 7	2 52	24 54	1 32	11 3	0 53	7 56	2 18	19 56	0 9	21 8	1 31	10 0	16 36	21 44	21 44	22 12	10 28	0 2
S 21	10 33	10 40	2 46	20 20	3 3	25 19	2 55	24 55	1 32	11 0	0 53	7 57	2 18	19 57	0 9	21 7	1 31	10 0	16 36	21 44	21 44	22 10	10 27	0 2
S 22	10 54	4 52	3 42	20 18	2 59	25 29	2 57	24 57	1 32	10 56	0 53	7 58	2 18	19 58	0 9	21 7	1 31	9 59	16 36	21 45	21 45	22 8	10 26	0 2
M23	11 15	1n 6	4 24	20 13	2 54	25 39	3 0	24 58	1 31	10 53	0 53	7 59	2 18	19 58	0 9	21 7	1 31	9 58	16 36	21 46	21 45	22 6	10 25	0 2
T 24	11 36	6 57	4 51	20 4	2 47	25 49	3 2	24 59	1 31	10 49	0 54	7 59	2 18	19 59	0 9	21 7	1 31	9 57	16 36	21 48	21 46	22 5	10 24	0 2
W25	11 57	12 23	5 1	19 51	2 38	25 57	3 4	24 59	1 31	10 46	0 54	8 0	2 17	20 0	0 9	21 7	1 31	9 57	16 37	21 50	21 46	22 3	10 22	0 2
T 26	12 18	17 9	4 54	19 33	2 28	26 5	3 6	25 0	1 31	10 43	0 54	8 1	2 17	20 1	0 9	21 7	1 31	9 56	16 37	21 52	21 47	22 1	10 21	0 2
F 27	12 39	21 0	4 32	19 12	2 16	26 13	3 9	25 0	1 31	10 39	0 54	8 2	2 17	20 1	0 9	21 7	1 31	9 55	16 37	21 53	21 47	21 59	10 20	0 2
S 28	12 59	23 46	3 57	18 46	2 2	26 20	3 10	24 59	1 31	10 36	0 54	8 3	2 17	20 2	0 9	21 6	1 31	9 55	16 37	21 55	21 48	21 57	10 19	0 2
S 29	13 19	25 18	3 11	18 15	1 47	26 26	3 12	24 59	1 31	10 33	0 55	8 3	2 17	20 3	0 9	21 6	1 31	9 54	16 37	21 56	21 48	21 55	10 18	0 2
M30	13 39	25 35	2 17	17 41	1 30	26 31	3 14	24 58	1 31	10 30	0 55	8 4	2 17	20 4	0 9	21 6	1 31	9 53	16 38	21 57	21 49	21 53	10 17	0 1
T 31	13s59	24n40	1n18	17s 2	1s12	26s36	3s16	24s57	1s31	10n27	0n55	8s 5	2s17	20s 4	0n 9	21n 6	1s31	9n53	16n38	21s58	21s49	21n51	10n16	0n 1

Julian Day Number = 2353202.5, Delta T = 11.32 sec
Ecliptic obliquity = 23°28'32, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'53, Lahiri = 20°05'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

NOVEMBER 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 59	8♏20'11	17♋12	12°R13	25♐ 8	3♑37	5♍25	14°R49	0♐13	14°R44	13♎49	20°D 8	21♑ 2	21♋ 2	26°R27	W 1
T 2	2 43 56	9°20'22	28°59	10♏55	26°12	4°22	5°34	14♓47	0°16	14♊43	13°51	20♑ 8	20°58	21° 9	26♈24	T 2
F 3	2 47 52	10°20'34	10♌49	9°36	27°15	5° 7	5°43	14°46	0°20	14°42	13°53	20°R 8	20°55	21°15	26°22	F 3
S 4	2 51 49	11°20'49	22°46	8°19	28°18	5°53	5°51	14°44	0°23	14°40	13°56	20° 7	20°52	21°22	26°19	S 4
S 5	2 55 45	12°21'05	4♍56	7° 5	29°21	6°38	6° 0	14°43	0°27	14°39	13°58	20° 5	20°49	21°29	26°16	S 5
M 6	2 59 42	13°21'24	17°24	5°58	0♑24	7°23	6° 8	14°41	0°30	14°38	14° 0	20° 0	20°46	21°35	26°13	M 6
T 7	3 3 38	14°21'44	0♎14	4°59	1°26	8° 8	6°16	14°40	0°34	14°36	14° 2	19°53	20°43	21°42	26°10	T 7
W 8	3 7 35	15°22'07	13°27	4°10	2°28	8°54	6°25	14°39	0°37	14°35	14° 4	19°43	20°39	21°49	26° 8	W 8
T 9	3 11 32	16°22'31	27° 5	3°33	3°29	9°39	6°32	14°38	0°41	14°33	14° 6	19°32	20°36	21°55	26° 5	T 9
F 10	3 15 28	17°22'57	11♏ 4	3° 6	4°30	10°25	6°40	14°37	0°45	14°32	14° 8	19°22	20°33	22° 2	26° 2	F 10
S 11	3 19 25	18°23'25	25°21	2°52	5°31	11°10	6°48	14°36	0°48	14°30	14°10	19°12	20°30	22° 9	25°59	S 11
S 12	3 23 21	19°23'54	9♐49	2°D49	6°32	11°56	6°56	14°36	0°52	14°29	14°12	19° 4	20°27	22°15	25°57	S 12
M13	3 27 18	20°24'25	24°23	2°57	7°32	12°42	7° 3	14°35	0°56	14°27	14°14	18°59	20°24	22°22	25°54	M13
T 14	3 31 14	21°24'58	8♑55	3°15	8°32	13°27	7°10	14°34	0°59	14°26	14°16	18°57	20°20	22°29	25°52	T 14
W15	3 35 11	22°25'31	23°21	3°42	9°31	14°13	7°17	14°34	1° 3	14°24	14°18	18°D56	20°17	22°35	25°49	W15
T 16	3 39 7	23°26'06	7♒37	4°19	10°30	14°59	7°24	14°34	1° 7	14°23	14°20	18°57	20°14	22°42	25°47	T 16
F 17	3 43 4	24°26'42	21°42	5° 2	11°28	15°45	7°31	14°34	1°10	14°21	14°22	18°R58	20°11	22°48	25°44	F 17
S 18	3 47 1	25°27'19	5♓36	5°53	12°26	16°31	7°38	14°D34	1°14	14°20	14°24	18°57	20° 8	22°55	25°42	S 18
S 19	3 50 57	26°27'57	19°17	6°50	13°24	17°17	7°44	14°34	1°18	14°18	14°26	18°55	20° 4	23° 2	25°39	S 19
M20	3 54 54	27°28'37	2♈47	7°51	14°21	18° 3	7°51	14°34	1°21	14°16	14°28	18°50	20° 1	23° 8	25°37	M20
T 21	3 58 50	28°29'17	16° 4	8°58	15°17	18°49	7°57	14°34	1°25	14°15	14°30	18°43	19°58	23°15	25°34	T 21
W22	4 2 47	29°29'59	29°10	10° 8	16°13	19°35	8° 3	14°34	1°29	14°13	14°32	18°35	19°55	23°22	25°32	W22
T 23	4 6 43	0♐30'42	12♉ 3	11°22	17° 8	20°21	8° 9	14°35	1°32	14°12	14°34	18°26	19°52	23°28	25°30	T 23
F 24	4 10 40	1°31'26	24°44	12°38	18° 3	21° 7	8°15	14°35	1°36	14°10	14°35	18°17	19°49	23°35	25°27	F 24
S 25	4 14 36	2°32'12	7♊11	13°57	18°57	21°54	8°21	14°36	1°40	14° 8	14°37	18° 9	19°45	23°42	25°25	S 25
S 26	4 18 33	3°32'58	19°26	15°18	19°50	22°40	8°26	14°37	1°43	14° 7	14°39	18° 3	19°42	23°48	25°23	S 26
M27	4 22 30	4°33'46	1♋30	16°41	20°43	23°26	8°31	14°38	1°47	14° 5	14°41	18° 0	19°39	23°55	25°21	M27
T 28	4 26 26	5°34'36	13°25	18° 5	21°35	24°13	8°37	14°39	1°51	14° 3	14°42	17°D58	19°36	24° 2	25°19	T 28
W29	4 30 23	6°35'26	25°14	19°31	22°26	24°59	8°42	14°40	1°55	14° 2	14°44	17°58	19°33	24° 8	25°17	W29
T 30	4 34 19	7♐36'18	7♌ 0	20♏58	23♑17	25♑45	8♍46	14♓41	1♐58	14♊ 0	14♎46	18♑ 0	19♑30	24♋15	25♈15	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s18	22n37	0n16	16s21	0s52	26s40	3s17	24s56	1s30	10n23	0n55	8s 5	2s16	20s 5	0n 9	21n 6	1s31	9n52	16n38	21s58	21s50	21n50	10n15	0n 1
T 2	14 38	19 37	0s47	15 38	0 32	26 44	3 19	24 54	1 30	10 20	0 55	8 6	2 16	20 6	0 9	21 6	1 31	9 52	16 38	21 58	21 50	21 48	10 13	0 1
F 3	14 57	15 49	1 48	14 53	0 11	26 47	3 20	24 53	1 30	10 17	0 56	8 6	2 16	20 7	0 9	21 5	1 31	9 51	16 39	21 58	21 51	21 46	10 12	0 1
S 4	15 15	11 21	2 45	14 9	0n10	26 49	3 21	24 51	1 30	10 14	0 56	8 7	2 16	20 7	0 9	21 5	1 31	9 50	16 39	21 58	21 51	21 44	10 11	0 1
S 5	15 34	6 23	3 35	13 26	0 30	26 50	3 22	24 48	1 30	10 12	0 56	8 7	2 16	20 8	0 9	21 5	1 31	9 50	16 39	21 58	21 52	21 42	10 10	0 1
M 6	15 52	1 3	4 16	12 46	0 49	26 51	3 23	24 46	1 30	10 9	0 56	8 7	2 16	20 9	0 9	21 5	1 31	9 49	16 39	21 59	21 52	21 40	10 9	0 1
T 7	16 10	4s28	4 46	12 10	1 6	26 52	3 24	24 43	1 29	10 6	0 56	8 8	2 15	20 10	0 9	21 5	1 31	9 49	16 40	22 0	21 53	21 38	10 8	0 1
W 8	16 28	9 57	5 2	11 38	1 23	26 51	3 24	24 40	1 29	10 3	0 57	8 8	2 15	20 10	0 9	21 4	1 31	9 48	16 40	22 1	21 53	21 36	10 7	0 1
T 9	16 46	15 7	5 1	11 12	1 37	26 50	3 25	24 36	1 29	10 0	0 57	8 8	2 15	20 11	0 9	21 4	1 31	9 48	16 40	22 3	21 54	21 34	10 6	0 1
F 10	17 3	19 38	4 42	10 51	1 49	26 49	3 25	24 32	1 29	9 58	0 57	8 8	2 15	20 12	0 9	21 4	1 31	9 47	16 41	22 5	21 54	21 32	10 5	0 0
S 11	17 20	23 6	4 6	10 37	2 0	26 46	3 25	24 28	1 29	9 55	0 57	8 8	2 15	20 13	0 9	21 4	1 31	9 47	16 41	22 6	21 55	21 30	10 4	0 0
S 12	17 36	25 9	3 13	10 28	2 8	26 43	3 25	24 24	1 28	9 52	0 58	8 9	2 15	20 13	0 9	21 4	1 31	9 46	16 41	22 7	21 55	21 28	10 3	0 0
M13	17 53	25 29	2 8	10 24	2 15	26 40	3 25	24 20	1 28	9 50	0 58	8 9	2 14	20 14	0 9	21 4	1 31	9 46	16 41	22 8	21 55	21 26	10 2	0 0
T 14	18 9	24 4	0 54	10 26	2 20	26 36	3 24	24 15	1 28	9 47	0 58	8 9	2 14	20 15	0 9	21 3	1 31	9 45	16 42	22 8	21 56	21 25	10 0	0 0
W15	18 24	21 4	0n24	10 32	2 23	26 31	3 24	24 10	1 28	9 45	0 58	8 9	2 14	20 16	0 8	21 3	1 31	9 45	16 42	22 8	21 56	21 23	9 59	0 0
T 16	18 40	16 48	1 39	10 42	2 25	26 26	3 23	24 5	1 27	9 42	0 58	8 9	2 14	20 16	0 8	21 3	1 31	9 45	16 43	22 8	21 57	21 21	9 58	0s 0
F 17	18 55	11 40	2 47	10 56	2 25	26 20	3 22	23 59	1 27	9 40	0 59	8 9	2 14	20 17	0 8	21 3	1 31	9 44	16 43	22 8	21 57	21 19	9 57	0 0
S 18	19 9	6 0	3 44	11 14	2 25	26 14	3 21	23 53	1 27	9 38	0 59	8 8	2 13	20 18	0 8	21 3	1 31	9 44	16 43	22 8	21 58	21 17	9 56	0 0
S 19	19 24	0 9	4 27	11 34	2 23	26 7	3 20	23 47	1 26	9 36	0 59	8 8	2 13	20 19	0 8	21 2	1 31	9 43	16 44	22 8	21 58	21 15	9 56	0 0
M20	19 38	5n37	4 55	11 56	2 21	25 59	3 18	23 41	1 26	9 33	0 59	8 8	2 13	20 19	0 8	21 2	1 31	9 43	16 44	22 9	21 59	21 13	9 55	0 0
T 21	19 51	11 3	5 7	12 20	2 17	25 51	3 17	23 34	1 26	9 31	1 0	8 8	2 13	20 20	0 8	21 2	1 31	9 43	16 44	22 10	21 59	21 11	9 54	0 0
W22	20 4	15 54	5 2	12 46	2 13	25 43	3 15	23 27	1 25	9 29	1 0	8 7	2 13	20 21	0 8	21 2	1 31	9 42	16 45	22 11	22 0	21 9	9 53	0 1
T 23	20 17	19 56	4 42	13 13	2 9	25 34	3 13	23 20	1 25	9 27	1 0	8 7	2 13	20 22	0 8	21 2	1 31	9 42	16 45	22 12	22 0	21 7	9 52	0 1
F 24	20 30	22 59	4 8	13 41	2 4	25 24	3 11	23 13	1 25	9 25	1 0	8 7	2 12	20 22	0 8	21 1	1 31	9 42	16 46	22 13	22 1	21 5	9 51	0 1
S 25	20 42	24 52	3 23	14 10	1 58	25 14	3 8	23 5	1 24	9 23	1 1	8 6	2 12	20 23	0 8	21 1	1 31	9 41	16 46	22 15	22 1	21 3	9 50	0 1
S 26	20 54	25 31	2 28	14 39	1 53	25 4	3 5	22 57	1 24	9 22	1 1	8 6	2 12	20 24	0 8	21 1	1 31	9 41	16 46	22 15	22 2	21 1	9 49	0 1
M27	21 5	24 56	1 28	15 9	1 46	24 53	3 2	22 49	1 24	9 20	1 1	8 5	2 12	20 25	0 8	21 1	1 31	9 41	16 47	22 16	22 2	20 59	9 48	0 1
T 28	21 16	23 13	0 25	15 39	1 40	24 41	2 59	22 40	1 23	9 18	1 1	8 5	2 12	20 26	0 8	21 1	1 31	9 41	16 47	22 16	22 2	20 57	9 47	0 1
W29	21 27	20 29	0s39	16 8	1 33	24 30	2 56	22 32	1 23	9 16	1 2	8 4	2 11	20 26	0 8	21 0	1 31	9 41	16 48	22 16	22 3	20 55	9 47	0 1
T 30	21s37	16n54	1s42	16s38	1n26	24s18	2s52	22s23	1s23	9n15	1n 2	8s 3	2s11	20s27	0n 8	21n 0	1s31	9n40	16n48	22s16	22s 3	20n53	9n46	0s 1

Julian Day Number = 2353233.5, Delta T = 11.33 sec
Ecliptic obliquity = 23°28'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°58'57, Lahiri = 20°05'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1730
geocentric

DECEMBER 1730 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 16	8♐37'11	18♌49	22♏25	24♑ 7	26♑32	8♍51	14♓42	2♐ 2	13°R58	14♎47	18♑ 1	19♑26	24♋21	25°R13	F 1
S 2	4 42 12	9°38'06	0♍44	23°54	24°56	27°18	8°56	14°44	2° 6	13♊57	14°49	18° 3	19°23	24°28	25♈11	S 2
S 3	4 46 9	10°39'02	12°52	25°23	25°44	28° 5	9° 0	14°45	2° 9	13°55	14°50	18°R 3	19°20	24°35	25° 9	S 3
M 4	4 50 5	11°39'59	25°17	26°53	26°31	28°51	9° 4	14°47	2°13	13°53	14°52	18° 2	19°17	24°41	25° 7	M 4
T 5	4 54 2	12°40'57	8♎ 4	28°23	27°18	29°38	9° 8	14°49	2°17	13°51	14°53	17°59	19°14	24°48	25° 5	T 5
W 6	4 57 59	13°41'56	21°16	29°53	28° 3	0♒24	9°12	14°50	2°20	13°50	14°55	17°55	19°10	24°55	25° 4	W 6
T 7	5 1 55	14°42'57	4♏56	1♐24	28°47	1°11	9°15	14°52	2°24	13°48	14°56	17°50	19° 7	25° 1	25° 2	T 7
F 8	5 5 52	15°43'59	19° 2	2°55	29°31	1°58	9°19	14°54	2°28	13°46	14°58	17°45	19° 4	25° 8	25° 0	F 8
S 9	5 9 48	16°45'02	3♐32	4°27	0♒13	2°44	9°22	14°57	2°31	13°45	14°59	17°40	19° 1	25°15	24°59	S 9
S 10	5 13 45	17°46'05	18°18	5°59	0°54	3°31	9°25	14°59	2°35	13°43	15° 0	17°36	18°58	25°21	24°57	S 10
M11	5 17 41	18°47'10	3♑15	7°31	1°34	4°18	9°28	15° 1	2°38	13°41	15° 2	17°34	18°55	25°28	24°56	M11
T 12	5 21 38	19°48'15	18°13	9° 3	2°13	5° 4	9°31	15° 4	2°42	13°40	15° 3	17°D33	18°51	25°35	24°55	T 12
W13	5 25 34	20°49'21	3♒ 4	10°35	2°51	5°51	9°33	15° 6	2°46	13°38	15° 4	17°34	18°48	25°41	24°53	W13
T 14	5 29 31	21°50'26	17°42	12° 7	3°27	6°38	9°36	15° 9	2°49	13°36	15° 6	17°35	18°45	25°48	24°52	T 14
F 15	5 33 28	22°51'33	2♓ 2	13°40	4° 2	7°25	9°38	15°12	2°53	13°35	15° 7	17°37	18°42	25°55	24°51	F 15
S 16	5 37 24	23°52'39	16° 3	15°13	4°35	8°12	9°40	15°14	2°56	13°33	15° 8	17°38	18°39	26° 1	24°49	S 16
S 17	5 41 21	24°53'46	29°43	16°46	5° 7	8°58	9°42	15°17	3° 0	13°31	15° 9	17°R38	18°36	26° 8	24°48	S 17
M18	5 45 17	25°54'53	13♈ 4	18°19	5°38	9°45	9°43	15°20	3° 3	13°30	15°10	17°37	18°32	26°14	24°47	M18
T 19	5 49 14	26°56'00	26° 8	19°52	6° 6	10°32	9°45	15°24	3° 7	13°28	15°11	17°35	18°29	26°21	24°46	T 19
W20	5 53 10	27°57'07	8♉55	21°26	6°33	11°19	9°46	15°27	3°10	13°26	15°12	17°32	18°26	26°28	24°45	W20
T 21	5 57 7	28°58'14	21°29	23° 0	6°59	12° 6	9°47	15°30	3°14	13°25	15°13	17°29	18°23	26°34	24°44	T 21
F 22	6 1 3	29°59'22	3♊50	24°34	7°22	12°53	9°48	15°34	3°17	13°23	15°14	17°26	18°20	26°41	24°44	F 22
S 23	6 5 0	1♑ 0'30	16° 2	26° 8	7°44	13°40	9°48	15°37	3°20	13°21	15°15	17°24	18°16	26°48	24°43	S 23
S 24	6 8 57	2° 1'38	28° 4	27°42	8° 3	14°27	9°49	15°41	3°24	13°20	15°16	17°22	18°13	26°54	24°42	S 24
M25	6 12 53	3° 2'46	10♋ 0	29°17	8°21	15°13	9°49	15°44	3°27	13°18	15°17	17°21	18°10	27° 1	24°41	M25
T 26	6 16 50	4° 3'55	21°51	0♑52	8°36	16° 0	9°R49	15°48	3°30	13°17	15°18	17°D21	18° 7	27° 8	24°41	T 26
W27	6 20 46	5° 5'04	3♌38	2°27	8°50	16°47	9°49	15°52	3°34	13°15	15°19	17°22	18° 4	27°14	24°40	W27
T 28	6 24 43	6° 6'13	15°26	4° 3	9° 1	17°34	9°49	15°56	3°37	13°14	15°19	17°23	18° 1	27°21	24°40	T 28
F 29	6 28 39	7° 7'22	27°16	5°39	9°10	18°21	9°48	16° 0	3°40	13°12	15°20	17°24	17°57	27°28	24°39	F 29
S 30	6 32 36	8° 8'31	9♍13	7°15	9°17	19° 8	9°47	16° 4	3°43	13°11	15°21	17°25	17°54	27°34	24°39	S 30
S 31	6 36 33	9♑ 9'41	21♍20	8♑52	9♒21	19♒55	9♍47	16♓ 8	3♐47	13♊ 9	15♎21	17♑26	17♑51	27♋41	24♈39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s46	12n40	2s40	17s 7	1n19	24s 5	2s48	22s13	1s22	9n13	1n 2	8s 3	2s11	20s28	0n 8	21n 0	1s31	9n40	16n49	22s16	22s 4	20n51	9n45	0s 1
S 2	21 56	7 55	3 32	17 36	1 12	23 52	2 44	22 4	1 22	9 12	1 2	8 2	2 11	20 29	0 8	21 0	1 31	9 40	16 49	22 15	22 4	20 49	9 44	0 1
S 3	22 5	2 48	4 16	18 5	1 5	23 39	2 40	21 54	1 21	9 11	1 3	8 1	2 11	20 29	0 8	21 0	1 31	9 40	16 50	22 15	22 5	20 46	9 43	0 2
M 4	22 13	2s32	4 48	18 33	0 58	23 25	2 35	21 44	1 21	9 9	1 3	8 0	2 10	20 30	0 8	20 59	1 31	9 40	16 50	22 15	22 5	20 44	9 43	0 2
T 5	22 21	7 55	5 8	19 0	0 51	23 11	2 30	21 34	1 21	9 8	1 3	8 0	2 10	20 31	0 8	20 59	1 31	9 40	16 51	22 16	22 6	20 42	9 42	0 2
W 6	22 29	13 7	5 12	19 27	0 43	22 57	2 25	21 24	1 20	9 7	1 3	7 59	2 10	20 31	0 8	20 59	1 31	9 39	16 51	22 16	22 6	20 40	9 41	0 2
T 7	22 36	17 52	4 59	19 53	0 36	22 42	2 20	21 13	1 20	9 6	1 4	7 58	2 10	20 32	0 8	20 59	1 31	9 39	16 52	22 17	22 7	20 38	9 41	0 2
F 8	22 43	21 47	4 27	20 18	0 29	22 28	2 14	21 2	1 19	9 5	1 4	7 57	2 10	20 33	0 8	20 59	1 31	9 39	16 52	22 18	22 7	20 36	9 40	0 2
S 9	22 49	24 28	3 38	20 43	0 21	22 13	2 8	20 51	1 19	9 4	1 4	7 56	2 10	20 34	0 8	20 58	1 31	9 39	16 53	22 18	22 7	20 34	9 39	0 2
S 10	22 55	25 31	2 34	21 6	0 14	21 57	2 1	20 40	1 18	9 3	1 4	7 55	2 9	20 34	0 8	20 58	1 31	9 39	16 53	22 19	22 8	20 32	9 39	0 2
M11	23 0	24 44	1 18	21 29	0 7	21 42	1 55	20 29	1 18	9 2	1 5	7 54	2 9	20 35	0 8	20 58	1 31	9 39	16 54	22 19	22 8	20 30	9 38	0 2
T 12	23 5	22 10	0n 4	21 50	0 0	21 26	1 48	20 17	1 17	9 1	1 5	7 53	2 9	20 36	0 8	20 58	1 31	9 39	16 54	22 19	22 9	20 28	9 37	0 2
W13	23 9	18 8	1 24	22 11	0s 7	21 11	1 40	20 5	1 17	9 0	1 5	7 51	2 9	20 36	0 8	20 58	1 31	9 39	16 55	22 19	22 9	20 26	9 37	0 2
T 14	23 13	13 2	2 38	22 30	0 14	20 55	1 33	19 53	1 17	9 0	1 6	7 50	2 9	20 37	0 8	20 58	1 31	9 39	16 55	22 19	22 10	20 24	9 36	0 2
F 15	23 17	7 19	3 41	22 49	0 21	20 39	1 25	19 40	1 16	8 59	1 6	7 49	2 8	20 38	0 8	20 57	1 31	9 39	16 56	22 19	22 10	20 22	9 36	0 3
S 16	23 20	1 23	4 29	23 6	0 27	20 23	1 16	19 28	1 16	8 59	1 6	7 48	2 8	20 39	0 8	20 57	1 31	9 39	16 56	22 19	22 11	20 20	9 35	0 3
S 17	23 23	4n29	5 0	23 22	0 34	20 7	1 8	19 15	1 15	8 58	1 6	7 46	2 8	20 39	0 8	20 57	1 31	9 39	16 57	22 19	22 11	20 17	9 35	0 3
M18	23 25	9 59	5 14	23 38	0 40	19 50	0 59	19 2	1 15	8 58	1 7	7 45	2 8	20 40	0 8	20 57	1 31	9 39	16 57	22 19	22 11	20 15	9 34	0 3
T 19	23 26	14 56	5 12	23 51	0 46	19 34	0 49	18 49	1 14	8 58	1 7	7 44	2 8	20 41	0 8	20 57	1 31	9 40	16 58	22 19	22 12	20 13	9 34	0 3
W20	23 28	19 8	4 54	24 4	0 52	19 18	0 40	18 35	1 14	8 57	1 7	7 42	2 8	20 41	0 8	20 56	1 31	9 40	16 58	22 19	22 12	20 11	9 33	0 3
T 21	23 28	22 22	4 22	24 16	0 58	19 2	0 30	18 22	1 13	8 57	1 8	7 41	2 7	20 42	0 8	20 56	1 31	9 40	16 59	22 20	22 13	20 9	9 33	0 3
F 22	23 28	24 31	3 38	24 26	1 4	18 46	0 19	18 8	1 13	8 57	1 8	7 39	2 7	20 43	0 8	20 56	1 31	9 40	16 59	22 20	22 13	20 7	9 33	0 3
S 23	23 28	25 28	2 45	24 35	1 10	18 30	0 8	17 54	1 12	8 57	1 8	7 38	2 7	20 43	0 8	20 56	1 31	9 40	17 0	22 20	22 14	20 5	9 32	0 3
S 24	23 28	25 12	1 45	24 42	1 15	18 14	0n 3	17 40	1 11	8 57	1 8	7 36	2 7	20 44	0 8	20 56	1 31	9 40	17 1	22 21	22 14	20 3	9 32	0 3
M25	23 26	23 46	0 41	24 49	1 20	17 59	0 14	17 25	1 11	8 57	1 9	7 35	2 7	20 45	0 8	20 56	1 31	9 41	17 1	22 21	22 14	20 0	9 32	0 3
T 26	23 25	21 17	0s25	24 54	1 25	17 43	0 26	17 11	1 10	8 58	1 9	7 33	2 7	20 45	0 8	20 55	1 31	9 41	17 2	22 21	22 15	19 58	9 31	0 3
W27	23 23	17 55	1 29	24 57	1 30	17 28	0 38	16 56	1 10	8 58	1 9	7 31	2 6	20 46	0 8	20 55	1 31	9 41	17 2	22 21	22 15	19 56	9 31	0 4
T 28	23 20	13 51	2 30	24 59	1 34	17 13	0 51	16 41	1 9	8 58	1 9	7 30	2 6	20 46	0 8	20 55	1 31	9 41	17 3	22 21	22 16	19 54	9 31	0 4
F 29	23 17	9 15	3 24	25 0	1 39	16 58	1 4	16 26	1 9	8 59	1 10	7 28	2 6	20 47	0 8	20 55	1 31	9 41	17 3	22 20	22 16	19 52	9 30	0 4
S 30	23 13	4 16	4 10	24 59	1 43	16 43	1 17	16 11	1 8	8 59	1 10	7 26	2 6	20 48	0 8	20 55	1 31	9 42	17 4	22 20	22 17	19 50	9 30	0 4
S 31	23s 9	0s56	4s46	24s57	1s46	16s29	1n31	15s56	1s 8	9n 0	1n10	7s24	2s 6	20s48	0n 8	20n55	1s31	9n42	17n 5	22s20	22s17	19n48	9n30	0s 4

Julian Day Number = 2353263.5, Delta T = 11.35 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'02, Lahiri = 20°06'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

JANUARY 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 40 29	10♑10'51	3♎42	10♑29	9°R23	20♒42	9°R45	16♓13	3♐50	13°R 8	15♎22	17♑26	17♑48	27♋48	24°R38	M 1
T 2	6 44 26	11°12'01	16°23	12° 6	9♒22	21°29	9♍44	16°17	3°53	13♊ 6	15°23	17°R26	17°45	27°54	24♈38	T 2
W 3	6 48 22	12°13'11	29°28	13°44	9°19	22°16	9°43	16°22	3°56	13° 5	15°23	17°26	17°42	28° 1	24°38	W 3
T 4	6 52 19	13°14'21	12♏58	15°22	9°14	23° 3	9°41	16°26	3°59	13° 3	15°24	17°25	17°38	28° 7	24°38	T 4
F 5	6 56 15	14°15'32	26°57	17° 1	9° 5	23°50	9°39	16°31	4° 2	13° 2	15°24	17°25	17°35	28°14	24°D38	F 5
S 6	7 0 12	15°16'43	11♐22	18°40	8°55	24°37	9°37	16°36	4° 5	13° 0	15°25	17°25	17°32	28°21	24°38	S 6
S 7	7 4 8	16°17'53	26°10	20°19	8°42	25°23	9°35	16°40	4° 8	12°59	15°25	17°25	17°29	28°27	24°38	S 7
M 8	7 8 5	17°19'04	11♑14	21°59	8°26	26°10	9°32	16°45	4°11	12°58	15°25	17°25	17°26	28°34	24°38	M 8
T 9	7 12 2	18°20'14	26°27	23°39	8° 9	26°57	9°30	16°50	4°14	12°56	15°26	17°25	17°22	28°41	24°39	T 9
W10	7 15 58	19°21'23	11♒37	25°20	7°48	27°44	9°27	16°55	4°17	12°55	15°26	17°25	17°19	28°47	24°39	W10
T 11	7 19 55	20°22'32	26°37	27° 1	7°26	28°31	9°24	17° 0	4°20	12°54	15°26	17°24	17°16	28°54	24°39	T 11
F 12	7 23 51	21°23'41	11♓18	28°42	7° 1	29°18	9°21	17° 6	4°23	12°52	15°27	17°24	17°13	29° 1	24°40	F 12
S 13	7 27 48	22°24'48	25°35	0♒24	6°34	0♓ 5	9°17	17°11	4°25	12°51	15°27	17°23	17°10	29° 7	24°40	S 13
S 14	7 31 44	23°25'55	9♈25	2° 5	6° 5	0°52	9°14	17°16	4°28	12°50	15°27	17°23	17° 7	29°14	24°41	S 14
M15	7 35 41	24°27'01	22°50	3°47	5°35	1°39	9°10	17°21	4°31	12°49	15°27	17°D23	17° 3	29°21	24°41	M15
T 16	7 39 37	25°28'06	5♉51	5°29	5° 3	2°25	9° 6	17°27	4°34	12°48	15°27	17°23	17° 0	29°27	24°42	T 16
W17	7 43 34	26°29'10	18°31	7°11	4°29	3°12	9° 2	17°32	4°36	12°47	15°27	17°23	16°57	29°34	24°43	W17
T 18	7 47 31	27°30'13	0♊54	8°53	3°54	3°59	8°58	17°38	4°39	12°45	15°R27	17°24	16°54	29°41	24°43	T 18
F 19	7 51 27	28°31'16	13° 3	10°35	3°18	4°46	8°53	17°44	4°41	12°44	15°27	17°25	16°51	29°47	24°44	F 19
S 20	7 55 24	29°32'17	25° 3	12°16	2°42	5°33	8°49	17°49	4°44	12°43	15°27	17°27	16°48	29°54	24°45	S 20
S 21	7 59 20	0♒33'17	6♋56	13°57	2° 5	6°19	8°44	17°55	4°46	12°42	15°27	17°27	16°44	0♌ 1	24°46	S 21
M22	8 3 17	1°34'17	18°45	15°37	1°28	7° 6	8°39	18° 1	4°49	12°41	15°27	17°R28	16°41	0° 7	24°47	M22
T 23	8 7 13	2°35'16	0♌33	17°15	0°51	7°53	8°34	18° 7	4°51	12°40	15°27	17°27	16°38	0°14	24°48	T 23
W24	8 11 10	3°36'13	12°22	18°52	0°14	8°40	8°29	18°13	4°54	12°39	15°27	17°26	16°35	0°20	24°49	W24
T 25	8 15 6	4°37'10	24°13	20°28	29♑38	9°26	8°23	18°19	4°56	12°38	15°26	17°24	16°32	0°27	24°51	T 25
F 26	8 19 3	5°38'06	6♍ 9	22° 1	29° 2	10°13	8°18	18°25	4°58	12°37	15°26	17°21	16°28	0°34	24°52	F 26
S 27	8 23 0	6°39'01	18°13	23°31	28°28	10°59	8°12	18°31	5° 0	12°37	15°26	17°18	16°25	0°40	24°53	S 27
S 28	8 26 56	7°39'55	0♎25	24°58	27°55	11°46	8° 6	18°37	5° 3	12°36	15°25	17°14	16°22	0°47	24°54	S 28
M29	8 30 53	8°40'48	12°51	26°20	27°24	12°33	8° 0	18°44	5° 5	12°35	15°25	17°12	16°19	0°54	24°56	M29
T 30	8 34 49	9°41'41	25°31	27°39	26°54	13°19	7°54	18°50	5° 7	12°34	15°25	17°10	16°16	1° 0	24°57	T 30
W31	8 38 46	10♒42'33	8♏30	28♒52	26♑26	14♓ 6	7♍48	18♓56	5♐ 9	12♊33	15♎24	17°D 9	16♑13	1♌ 7	24♈59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 5	6s12	5s 9	24s53	1s50	16s15	1n45	15s40	1s 7	9n 1	1n11	7s23	2s 6	20s49	0n 8	20n54	1s31	9n42	17n 5	22s20	22s17	19n45	9n30	0s 4
T 2	23 0	11 20	5 18	24 48	1 53	16 1	1 59	15 25	1 6	9 1	1 11	7 21	2 5	20 49	0 8	20 54	1 31	9 43	17 6	22 20	22 18	19 43	9 30	0 4
W 3	22 55	16 8	5 11	24 41	1 56	15 48	2 13	15 9	1 6	9 2	1 11	7 19	2 5	20 50	0 8	20 54	1 31	9 43	17 6	22 20	22 18	19 41	9 30	0 4
T 4	22 49	20 19	4 47	24 33	1 59	15 36	2 28	14 53	1 5	9 3	1 11	7 17	2 5	20 51	0 8	20 54	1 31	9 43	17 7	22 20	22 19	19 39	9 30	0 4
F 5	22 43	23 29	4 6	24 23	2 1	15 23	2 43	14 37	1 5	9 4	1 12	7 15	2 5	20 51	0 8	20 54	1 31	9 44	17 8	22 20	22 19	19 37	9 29	0 4
S 6	22 36	25 16	3 8	24 12	2 3	15 11	2 58	14 21	1 4	9 5	1 12	7 13	2 5	20 52	0 8	20 54	1 31	9 44	17 8	22 20	22 19	19 34	9 29	0 4
S 7	22 29	25 21	1 56	23 59	2 4	15 0	3 13	14 4	1 3	9 6	1 12	7 11	2 5	20 52	0 8	20 54	1 31	9 44	17 9	22 20	22 20	19 32	9 29	0 4
M 8	22 21	23 34	0 34	23 44	2 5	14 49	3 29	13 48	1 3	9 7	1 12	7 9	2 5	20 53	0 8	20 53	1 30	9 45	17 9	22 20	22 20	19 30	9 29	0 4
T 9	22 13	20 5	0n50	23 28	2 6	14 39	3 44	13 31	1 2	9 9	1 13	7 7	2 4	20 53	0 8	20 53	1 30	9 45	17 10	22 20	22 21	19 28	9 29	0 5
W10	22 5	15 14	2 11	23 10	2 6	14 29	4 0	13 14	1 2	9 10	1 13	7 5	2 4	20 54	0 8	20 53	1 30	9 46	17 10	22 20	22 21	19 26	9 29	0 5
T 11	21 56	9 30	3 21	22 51	2 6	14 20	4 15	12 58	1 1	9 11	1 13	7 3	2 4	20 54	0 8	20 53	1 30	9 46	17 11	22 20	22 21	19 24	9 30	0 5
F 12	21 46	3 22	4 17	22 30	2 6	14 11	4 30	12 41	1 0	9 13	1 14	7 0	2 4	20 55	0 8	20 53	1 30	9 47	17 12	22 20	22 22	19 21	9 30	0 5
S 13	21 36	2n45	4 55	22 7	2 4	14 3	4 45	12 24	1 0	9 14	1 14	6 58	2 4	20 56	0 8	20 53	1 30	9 47	17 12	22 21	22 22	19 19	9 30	0 5
S 14	21 26	8 34	5 15	21 43	2 3	13 56	5 0	12 6	0 59	9 16	1 14	6 56	2 4	20 56	0 8	20 53	1 30	9 48	17 13	22 21	22 23	19 17	9 30	0 5
M15	21 16	13 47	5 17	21 17	2 1	13 49	5 14	11 49	0 59	9 18	1 14	6 54	2 4	20 57	0 8	20 53	1 30	9 48	17 13	22 21	22 23	19 15	9 30	0 5
T 16	21 5	18 14	5 2	20 50	1 58	13 43	5 28	11 32	0 58	9 19	1 15	6 52	2 4	20 57	0 8	20 53	1 30	9 49	17 14	22 21	22 23	19 12	9 30	0 5
W17	20 53	21 43	4 32	20 21	1 55	13 38	5 42	11 14	0 57	9 21	1 15	6 49	2 3	20 58	0 8	20 52	1 30	9 49	17 15	22 21	22 24	19 10	9 30	0 5
T 18	20 41	24 8	3 51	19 51	1 51	13 33	5 55	10 56	0 57	9 23	1 15	6 47	2 3	20 58	0 8	20 52	1 30	9 50	17 15	22 20	22 24	19 8	9 31	0 5
F 19	20 29	25 22	3 0	19 19	1 46	13 29	6 8	10 39	0 56	9 25	1 15	6 45	2 3	20 58	0 8	20 52	1 30	9 50	17 16	22 20	22 25	19 6	9 31	0 5
S 20	20 17	25 24	2 1	18 46	1 41	13 25	6 20	10 21	0 55	9 27	1 16	6 42	2 3	20 59	0 8	20 52	1 30	9 51	17 16	22 20	22 25	19 4	9 31	0 5
S 21	20 4	24 16	0 58	18 11	1 35	13 22	6 31	10 3	0 55	9 29	1 16	6 40	2 3	20 59	0 8	20 52	1 30	9 51	17 17	22 20	22 25	19 1	9 31	0 5
M22	19 50	22 3	0s 7	17 35	1 29	13 20	6 41	9 45	0 54	9 31	1 16	6 38	2 3	21 0	0 8	20 52	1 30	9 52	17 17	22 20	22 26	18 59	9 32	0 6
T 23	19 37	18 54	1 12	16 59	1 21	13 18	6 51	9 27	0 53	9 33	1 16	6 35	2 3	21 0	0 8	20 52	1 30	9 52	17 18	22 20	22 26	18 57	9 32	0 6
W24	19 23	14 59	2 14	16 21	1 13	13 17	7 0	9 9	0 53	9 35	1 16	6 33	2 3	21 1	0 8	20 52	1 30	9 53	17 19	22 20	22 27	18 55	9 32	0 6
T 25	19 8	10 29	3 10	15 42	1 4	13 17	7 8	8 51	0 52	9 37	1 17	6 30	2 2	21 1	0 8	20 52	1 30	9 54	17 19	22 21	22 27	18 52	9 33	0 6
F 26	18 53	5 35	3 58	15 3	0 54	13 17	7 15	8 33	0 51	9 40	1 17	6 28	2 2	21 2	0 8	20 52	1 30	9 54	17 20	22 21	22 27	18 50	9 33	0 6
S 27	18 38	0 26	4 36	14 23	0 44	13 17	7 21	8 14	0 51	9 42	1 17	6 25	2 2	21 2	0 8	20 52	1 30	9 55	17 20	22 21	22 28	18 48	9 33	0 6
S 28	18 23	4s47	5 2	13 44	0 32	13 19	7 27	7 56	0 50	9 44	1 17	6 23	2 2	21 2	0 8	20 52	1 30	9 56	17 21	22 22	22 28	18 46	9 34	0 6
M29	18 7	9 54	5 14	13 4	0 20	13 20	7 31	7 37	0 49	9 47	1 18	6 20	2 2	21 3	0 8	20 52	1 30	9 56	17 21	22 22	22 29	18 43	9 34	0 6
T 30	17 51	14 43	5 12	12 25	0 7	13 22	7 35	7 19	0 49	9 49	1 18	6 18	2 2	21 3	0 8	20 51	1 30	9 57	17 22	22 22	22 29	18 41	9 35	0 6
W31	17s35	18s59	4s54	11s47	0n 7	13s24	7n38	7s 0	0s48	9n52	1n18	6s15	2s 2	21s 3	0n 8	20n51	1s29	9n58	17n23	22s22	22s29	18n39	9n35	0s 6

Julian Day Number = 2353294.5, Delta T = 11.36 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'06, Lahiri = 20°06'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

FEBRUARY 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 42	11♒43'23	21♏51	29♒59	26°R 0	14♓52	7°R42	19♓ 3	5♐11	12°R33	15°R24	17♉ 9	16♉ 9	1♌14	25♈ 0	T 1
F 2	8 46 39	12°44'14	5♐36	0♓59	25♉36	15°39	7♍35	19° 9	5°13	12♊32	15♎23	17°11	16° 6	1°20	25° 2	F 2
S 3	8 50 35	13°45'03	19°45	1°51	25°14	16°25	7°28	19°16	5°15	12°31	15°23	17°12	16° 3	1°27	25° 4	S 3
S 4	8 54 32	14°45'51	4♉19	2°35	24°55	17°12	7°22	19°22	5°17	12°31	15°22	17°14	16° 0	1°34	25° 5	S 4
M 5	8 58 29	15°46'38	19°12	3°10	24°38	17°58	7°15	19°29	5°18	12°30	15°22	17°R14	15°57	1°40	25° 7	M 5
T 6	9 2 25	16°47'24	4♒20	3°35	24°24	18°44	7° 8	19°35	5°20	12°30	15°21	17°13	15°54	1°47	25° 9	T 6
W 7	9 6 22	17°48'09	19°32	3°50	24°12	19°31	7° 1	19°42	5°22	12°29	15°20	17°11	15°50	1°54	25°11	W 7
T 8	9 10 18	18°48'52	4♓40	3°R54	24° 2	20°17	6°54	19°49	5°23	12°29	15°20	17° 7	15°47	2° 0	25°13	T 8
F 9	9 14 15	19°49'34	19°34	3°48	23°55	21° 3	6°47	19°55	5°25	12°28	15°19	17° 2	15°44	2° 7	25°15	F 9
S 10	9 18 11	20°50'14	4♈ 5	3°31	23°51	21°50	6°39	20° 2	5°27	12°28	15°18	16°57	15°41	2°14	25°17	S 10
S 11	9 22 8	21°50'53	18° 8	3° 4	23°D49	22°36	6°32	20° 9	5°28	12°27	15°17	16°52	15°38	2°20	25°19	S 11
M12	9 26 4	22°51'30	1♉43	2°27	23°49	23°22	6°25	20°16	5°30	12°27	15°16	16°48	15°34	2°27	25°21	M12
T 13	9 30 1	23°52'05	14°50	1°42	23°52	24° 8	6°17	20°23	5°31	12°27	15°16	16°46	15°31	2°33	25°24	T 13
W14	9 33 58	24°52'38	27°32	0°49	23°57	24°54	6°10	20°30	5°32	12°26	15°15	16°D46	15°28	2°40	25°26	W14
T 15	9 37 54	25°53'10	9♊53	29♒50	24° 4	25°41	6° 2	20°37	5°34	12°26	15°14	16°47	15°25	2°47	25°28	T 15
F 16	9 41 51	26°53'39	21°58	28°47	24°14	26°27	5°54	20°44	5°35	12°26	15°13	16°48	15°22	2°53	25°30	F 16
S 17	9 45 47	27°54'07	3♋53	27°41	24°25	27°13	5°47	20°51	5°36	12°26	15°12	16°50	15°19	3° 0	25°33	S 17
S 18	9 49 44	28°54'33	15°41	26°34	24°39	27°59	5°39	20°58	5°37	12°26	15°11	16°R51	15°15	3° 7	25°35	S 18
M19	9 53 40	29°54'57	27°27	25°28	24°55	28°45	5°31	21° 5	5°38	12°26	15°10	16°50	15°12	3°13	25°38	M19
T 20	9 57 37	0♓55'20	9♌15	24°24	25°13	29°31	5°23	21°12	5°40	12°25	15° 9	16°47	15° 9	3°20	25°40	T 20
W21	10 1 33	1°55'40	21° 7	23°23	25°33	0♈16	5°15	21°19	5°41	12°25	15° 8	16°43	15° 6	3°27	25°43	W21
T 22	10 5 30	2°55'59	3♍ 6	22°28	25°55	1° 2	5° 7	21°26	5°41	12°D25	15° 7	16°36	15° 3	3°33	25°45	T 22
F 23	10 9 27	3°56'16	15°12	21°38	26°19	1°48	5° 0	21°34	5°42	12°25	15° 5	16°27	15° 0	3°40	25°48	F 23
S 24	10 13 23	4°56'31	27°28	20°54	26°44	2°34	4°52	21°41	5°43	12°25	15° 4	16°18	14°56	3°47	25°51	S 24
S 25	10 17 20	5°56'45	9♎54	20°18	27°11	3°20	4°44	21°48	5°44	12°26	15° 3	16° 8	14°53	3°53	25°54	S 25
M26	10 21 16	6°56'57	22°31	19°48	27°40	4° 5	4°36	21°55	5°45	12°26	15° 2	16° 0	14°50	4° 0	25°56	M26
T 27	10 25 13	7°57'08	5♏20	19°25	28°10	4°51	4°28	22° 3	5°45	12°26	15° 1	15°53	14°47	4° 7	25°59	T 27
W28	10 29 9	8♓57'17	18♏24	19♒10	28♉42	5♈36	4♍20	22♓10	5♐46	12♊26	14♎59	15♉49	14♉44	4♌13	26♈ 2	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s18	22s26	4s19	11s10	0n22	13s27	7n40	6s42	0s47	9n54	1n18	6s13	2s 2	21s 4	0n 8	20n51	1s29	9n58	17n23	22s22	22s30	18n36	9n36	0s 6	T 1
F 2	17 1	24 42	3 30	10 34	0 37	13 30	7 41	6 23	0 47	9 57	1 18	6 10	2 2	21 4	0 8	20 51	1 29	9 59	17 24	22 22	22 30	18 34	9 36	0 6	F 2
S 3	16 43	25 30	2 26	10 1	0 53	13 33	7 41	6 4	0 46	10 0	1 19	6 7	2 2	21 5	0 8	20 51	1 29	10 0	17 24	22 22	22 31	18 32	9 37	0 6	S 3
S 4	16 26	24 35	1 11	9 30	1 9	13 37	7 41	5 46	0 45	10 2	1 19	6 5	2 2	21 5	0 8	20 51	1 29	10 0	17 25	22 22	22 31	18 30	9 37	0 7	S 4
M 5	16 8	21 55	0n11	9 2	1 25	13 41	7 40	5 27	0 45	10 5	1 19	6 2	2 2	21 5	0 8	20 51	1 29	10 1	17 25	22 22	22 31	18 27	9 38	0 7	M 5
T 6	15 50	17 42	1 33	8 37	1 42	13 45	7 38	5 8	0 44	10 8	1 19	5 59	2 1	21 6	0 8	20 51	1 29	10 2	17 26	22 22	22 32	18 25	9 39	0 7	T 6
W 7	15 31	12 19	2 48	8 17	1 59	13 49	7 36	4 49	0 43	10 10	1 19	5 57	2 1	21 6	0 8	20 51	1 29	10 2	17 26	22 22	22 32	18 23	9 39	0 7	W 7
T 8	15 12	6 13	3 51	8 0	2 15	13 54	7 33	4 30	0 43	10 13	1 19	5 54	2 1	21 6	0 8	20 51	1 29	10 3	17 27	22 23	22 32	18 20	9 40	0 7	T 8
F 9	14 53	0n 7	4 37	7 47	2 31	13 58	7 29	4 11	0 42	10 16	1 20	5 51	2 1	21 6	0 8	20 51	1 29	10 4	17 27	22 23	22 33	18 18	9 41	0 7	F 9
S 10	14 34	6 17	5 5	7 40	2 45	14 3	7 25	3 53	0 41	10 19	1 20	5 49	2 1	21 7	0 8	20 51	1 29	10 5	17 28	22 24	22 33	18 16	9 41	0 7	S 10
S 11	14 15	11 56	5 12	7 36	2 59	14 8	7 21	3 34	0 40	10 22	1 20	5 46	2 1	21 7	0 8	20 51	1 29	10 5	17 28	22 25	22 33	18 13	9 42	0 7	S 11
M12	13 55	16 48	5 2	7 38	3 12	14 12	7 16	3 15	0 40	10 25	1 20	5 43	2 1	21 7	0 8	20 51	1 29	10 6	17 29	22 25	22 34	18 11	9 43	0 7	M12
T 13	13 35	20 42	4 36	7 44	3 22	14 17	7 11	2 56	0 39	10 28	1 20	5 40	2 1	21 7	0 8	20 51	1 29	10 7	17 29	22 25	22 34	18 9	9 43	0 7	T 13
W14	13 15	23 29	3 57	7 55	3 31	14 22	7 5	2 37	0 38	10 31	1 20	5 37	2 1	21 8	0 8	20 51	1 29	10 8	17 30	22 25	22 35	18 6	9 44	0 7	W14
T 15	12 55	25 4	3 8	8 9	3 38	14 26	6 59	2 18	0 38	10 34	1 20	5 35	2 1	21 8	0 8	20 51	1 29	10 8	17 30	22 25	22 35	18 4	9 45	0 7	T 15
F 16	12 34	25 25	2 11	8 27	3 42	14 31	6 53	1 59	0 37	10 36	1 21	5 32	2 1	21 8	0 8	20 51	1 29	10 9	17 31	22 25	22 35	18 2	9 46	0 7	F 16
S 17	12 13	24 35	1 10	8 47	3 44	14 35	6 47	1 40	0 36	10 39	1 21	5 29	2 1	21 8	0 8	20 51	1 29	10 10	17 31	22 25	22 36	17 59	9 46	0 8	S 17
S 18	11 52	22 39	0 6	9 10	3 44	14 40	6 40	1 21	0 36	10 42	1 21	5 26	2 1	21 9	0 8	20 51	1 28	10 11	17 32	22 25	22 36	17 57	9 47	0 8	S 18
M19	11 31	19 46	0s57	9 34	3 42	14 44	6 33	1 2	0 35	10 45	1 21	5 23	2 1	21 9	0 8	20 51	1 28	10 12	17 32	22 25	22 36	17 55	9 48	0 8	M19
T 20	11 10	16 4	1 59	10 0	3 37	14 48	6 26	0 43	0 34	10 48	1 21	5 21	2 1	21 9	0 8	20 51	1 28	10 12	17 32	22 25	22 37	17 52	9 49	0 8	T 20
W21	10 48	11 43	2 55	10 25	3 31	14 51	6 19	0 24	0 33	10 51	1 21	5 18	2 1	21 9	0 8	20 52	1 28	10 13	17 33	22 26	22 37	17 50	9 50	0 8	W21
T 22	10 27	6 54	3 44	10 51	3 23	14 55	6 11	0 5	0 33	10 54	1 21	5 15	2 1	21 9	0 8	20 52	1 28	10 14	17 33	22 27	22 37	17 48	9 51	0 8	T 22
F 23	10 5	1 48	4 23	11 16	3 13	14 58	6 4	0n14	0 32	10 57	1 21	5 12	2 1	21 9	0 8	20 52	1 28	10 15	17 34	22 28	22 38	17 45	9 52	0 8	F 23
S 24	9 43	3s26	4 51	11 40	3 2	15 1	5 56	0 33	0 31	11 0	1 21	5 9	2 1	21 10	0 8	20 52	1 28	10 16	17 34	22 29	22 38	17 43	9 53	0 8	S 24
S 25	9 21	8 36	5 5	12 3	2 50	15 4	5 48	0 51	0 31	11 3	1 21	5 6	2 1	21 10	0 8	20 52	1 28	10 16	17 35	22 30	22 39	17 41	9 54	0 8	S 25
M26	8 58	13 29	5 5	12 24	2 38	15 6	5 40	1 10	0 30	11 6	1 22	5 3	2 1	21 10	0 8	20 52	1 28	10 17	17 35	22 31	22 39	17 38	9 54	0 8	M26
T 27	8 36	17 52	4 50	12 44	2 25	15 8	5 32	1 29	0 29	11 9	1 22	5 0	2 1	21 10	0 8	20 52	1 28	10 18	17 35	22 32	22 39	17 36	9 55	0 8	T 27
W28	8s13	21s28	4s19	13s 1	2n11	15s10	5n24	1n48	0s28	11n12	1n22	4s57	2s 1	21s10	0n 8	20n52	1s28	10n19	17n36	22s32	22s40	17n34	9n56	0s 8	W28

Julian Day Number = 2353325.5, Delta T = 11.37 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'10, Lahiri = 20°06'11Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1731
geocentric

MARCH 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 6	9♓57'24	1♐43	19°R 1	29♑15	6♈22	4°R13	22♓17	5♐47	12♊26	14°R58	15°R47	14♑40	4♌20	26♈ 5	T 1
F 2	10 37 2	10°57'30	15°19	18°D59	29°49	7° 8	4♍ 5	22°25	5°47	12°27	14♎57	15°D47	14°37	4°27	26° 8	F 2
S 3	10 40 59	11°57'34	29°15	19♒ 3	0♒25	7°53	3°57	22°32	5°48	12°27	14°55	15♑47	14°34	4°33	26°11	S 3
S 4	10 44 56	12°57'37	13♑30	19°13	1° 3	8°38	3°49	22°39	5°48	12°27	14°54	15°R48	14°31	4°40	26°14	S 4
M 5	10 48 52	13°57'38	28° 3	19°29	1°41	9°24	3°42	22°47	5°48	12°28	14°53	15°48	14°28	4°47	26°17	M 5
T 6	10 52 49	14°57'38	12♒50	19°51	2°21	10° 9	3°34	22°54	5°49	12°28	14°51	15°45	14°25	4°53	26°20	T 6
W 7	10 56 45	15°57'36	27°47	20°17	3° 1	10°55	3°26	23° 1	5°49	12°28	14°50	15°39	14°21	5° 0	26°23	W 7
T 8	11 0 42	16°57'31	12♓43	20°49	3°43	11°40	3°19	23° 9	5°49	12°29	14°49	15°32	14°18	5° 6	26°26	T 8
F 9	11 4 38	17°57'25	27°32	21°24	4°26	12°25	3°11	23°16	5°49	12°29	14°47	15°22	14°15	5°13	26°30	F 9
S 10	11 8 35	18°57'17	12♈ 3	22° 4	5°10	13°10	3° 4	23°24	5°49	12°30	14°46	15°12	14°12	5°20	26°33	S 10
S 11	11 12 31	19°57'07	26°11	22°48	5°55	13°55	2°57	23°31	5°R49	12°30	14°44	15° 2	14° 9	5°26	26°36	S 11
M12	11 16 28	20°56'54	9♉51	23°35	6°41	14°40	2°50	23°39	5°49	12°31	14°43	14°54	14° 5	5°33	26°39	M12
T 13	11 20 25	21°56'40	23° 4	24°25	7°27	15°26	2°43	23°46	5°49	12°32	14°41	14°48	14° 2	5°40	26°43	T 13
W14	11 24 21	22°56'23	5♊50	25°19	8°15	16°11	2°35	23°53	5°49	12°32	14°40	14°44	13°59	5°46	26°46	W14
T 15	11 28 18	23°56'04	18°15	26°16	9° 3	16°55	2°29	24° 1	5°49	12°33	14°38	14°43	13°56	5°53	26°49	T 15
F 16	11 32 14	24°55'43	0♋21	27°15	9°52	17°40	2°22	24° 8	5°49	12°34	14°37	14°D43	13°53	6° 0	26°53	F 16
S 17	11 36 11	25°55'19	12°16	28°18	10°42	18°25	2°15	24°16	5°48	12°35	14°35	14°R43	13°50	6° 6	26°56	S 17
S 18	11 40 7	26°54'53	24° 4	29°22	11°32	19°10	2° 8	24°23	5°48	12°35	14°33	14°43	13°46	6°13	27° 0	S 18
M19	11 44 4	27°54'25	5♌51	0♓29	12°23	19°55	2° 2	24°31	5°48	12°36	14°32	14°41	13°43	6°20	27° 3	M19
T 20	11 48 0	28°53'55	17°41	1°39	13°15	20°40	1°56	24°38	5°47	12°37	14°30	14°36	13°40	6°26	27° 7	T 20
W21	11 51 57	29°53'22	29°38	2°50	14° 8	21°24	1°49	24°46	5°47	12°38	14°29	14°29	13°37	6°33	27°10	W21
T 22	11 55 54	0♈52'47	11♍45	4° 4	15° 1	22° 9	1°43	24°53	5°46	12°39	14°27	14°19	13°34	6°40	27°14	T 22
F 23	11 59 50	1°52'10	24° 4	5°19	15°55	22°53	1°37	25° 0	5°46	12°40	14°25	14° 7	13°31	6°46	27°17	F 23
S 24	12 3 47	2°51'30	6♎35	6°36	16°49	23°38	1°31	25° 8	5°45	12°41	14°24	13°54	13°27	6°53	27°21	S 24
S 25	12 7 43	3°50'49	19°19	7°56	17°44	24°22	1°26	25°15	5°44	12°42	14°22	13°40	13°24	7° 0	27°24	S 25
M26	12 11 40	4°50'06	2♏15	9°17	18°39	25° 7	1°20	25°23	5°44	12°43	14°20	13°28	13°21	7° 6	27°28	M26
T 27	12 15 36	5°49'21	15°22	10°39	19°35	25°51	1°15	25°30	5°43	12°44	14°19	13°18	13°18	7°13	27°32	T 27
W28	12 19 33	6°48'34	28°41	12° 4	20°32	26°36	1° 9	25°37	5°42	12°45	14°17	13°11	13°15	7°20	27°35	W28
T 29	12 23 29	7°47'46	12♐10	13°30	21°29	27°20	1° 4	25°45	5°41	12°46	14°15	13° 7	13°11	7°26	27°39	T 29
F 30	12 27 26	8°46'55	25°51	14°57	22°26	28° 4	0°59	25°52	5°40	12°47	14°14	13° 5	13° 8	7°33	27°43	F 30
S 31	12 31 23	9♈46'03	9♑43	16♓27	23♒24	28♈48	0♍54	25♓59	5♐39	12♊49	14♎12	13♑ 5	13♑ 5	7♌40	27♈47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s51	24s 2	3s34	13s17	1n57	15s11	5n16	2n 6	0s28	11n15	1n22	4s55	2s 1	21s10	0n 8	20n52	1s28	10n20	17n36	22s32	22s40	17n31	9n57	0s 8
F 2	7 28	25 15	2 36	13 31	1 44	15 12	5 8	2 25	0 27	11 18	1 22	4 52	2 1	21 10	0 8	20 52	1 28	10 21	17 36	22 32	22 40	17 29	9 58	0 9
S 3	7 5	24 56	1 28	13 43	1 30	15 12	5 0	2 44	0 26	11 21	1 22	4 49	2 1	21 10	0 8	20 52	1 28	10 21	17 37	22 32	22 41	17 26	9 59	0 9
S 4	6 42	23 0	0 12	13 52	1 16	15 13	4 52	3 2	0 26	11 23	1 22	4 46	2 1	21 11	0 8	20 52	1 28	10 22	17 37	22 32	22 41	17 24	10 0	0 9
M 5	6 19	19 31	1n 5	14 0	1 3	15 12	4 43	3 21	0 25	11 26	1 22	4 43	2 1	21 11	0 8	20 52	1 28	10 23	17 37	22 32	22 41	17 22	10 1	0 9
T 6	5 56	14 45	2 19	14 6	0 49	15 12	4 35	3 39	0 24	11 29	1 22	4 40	2 1	21 11	0 8	20 53	1 28	10 24	17 38	22 33	22 42	17 19	10 2	0 9
W 7	5 33	9 3	3 25	14 10	0 36	15 11	4 27	3 58	0 24	11 32	1 22	4 37	2 1	21 11	0 8	20 53	1 28	10 25	17 38	22 33	22 42	17 17	10 4	0 9
T 8	5 9	2 51	4 16	14 12	0 24	15 9	4 19	4 16	0 23	11 35	1 22	4 34	2 1	21 11	0 8	20 53	1 27	10 25	17 38	22 34	22 42	17 14	10 5	0 9
F 9	4 46	3n26	4 49	14 12	0 12	15 7	4 11	4 34	0 22	11 37	1 22	4 31	2 1	21 11	0 8	20 53	1 27	10 26	17 39	22 35	22 43	17 12	10 6	0 9
S 10	4 23	9 25	5 3	14 11	0s 0	15 5	4 3	4 53	0 21	11 40	1 22	4 28	2 1	21 11	0 8	20 53	1 27	10 27	17 39	22 36	22 43	17 10	10 7	0 9
S 11	3 59	14 45	4 58	14 7	0 12	15 2	3 55	5 11	0 21	11 43	1 22	4 25	2 1	21 11	0 8	20 53	1 27	10 28	17 39	22 38	22 43	17 7	10 8	0 9
M12	3 36	19 9	4 36	14 2	0 23	14 58	3 47	5 29	0 20	11 45	1 22	4 22	2 1	21 11	0 8	20 53	1 27	10 29	17 40	22 38	22 44	17 5	10 9	0 9
T 13	3 12	22 25	3 59	13 55	0 33	14 54	3 39	5 47	0 19	11 48	1 22	4 19	2 1	21 11	0 8	20 53	1 27	10 29	17 40	22 39	22 44	17 2	10 10	0 9
W14	2 48	24 27	3 12	13 47	0 43	14 50	3 31	6 5	0 19	11 50	1 22	4 17	2 1	21 11	0 8	20 54	1 27	10 30	17 40	22 40	22 44	17 0	10 11	0 9
T 15	2 25	25 13	2 16	13 37	0 53	14 45	3 23	6 23	0 18	11 53	1 22	4 14	2 1	21 11	0 8	20 54	1 27	10 31	17 40	22 40	22 45	16 58	10 12	0 9
F 16	2 1	24 44	1 16	13 25	1 2	14 40	3 15	6 41	0 17	11 55	1 22	4 11	2 1	21 11	0 8	20 54	1 27	10 32	17 40	22 40	22 45	16 55	10 14	0 10
S 17	1 37	23 7	0 13	13 12	1 11	14 34	3 7	6 59	0 17	11 58	1 22	4 8	2 1	21 11	0 8	20 54	1 27	10 33	17 41	22 40	22 45	16 53	10 15	0 10
S 18	1 14	20 31	0s50	12 57	1 19	14 28	3 0	7 16	0 16	12 0	1 22	4 5	2 1	21 11	0 8	20 54	1 27	10 33	17 41	22 40	22 46	16 50	10 16	0 10
M19	0 50	17 4	1 50	12 40	1 27	14 22	2 52	7 34	0 15	12 2	1 22	4 2	2 1	21 11	0 8	20 54	1 27	10 34	17 41	22 40	22 46	16 48	10 17	0 10
T 20	0 26	12 56	2 46	12 22	1 34	14 14	2 44	7 51	0 14	12 4	1 21	3 59	2 1	21 10	0 8	20 55	1 27	10 35	17 41	22 40	22 46	16 45	10 18	0 10
W21	0 3	8 16	3 34	12 3	1 41	14 7	2 37	8 9	0 14	12 7	1 21	3 56	2 1	21 10	0 8	20 55	1 27	10 36	17 41	22 41	22 47	16 43	10 20	0 10
T 22	0n21	3 15	4 14	11 42	1 48	13 59	2 29	8 26	0 13	12 9	1 21	3 53	2 1	21 10	0 8	20 55	1 27	10 36	17 42	22 42	22 47	16 41	10 21	0 10
F 23	0 45	1s58	4 43	11 20	1 53	13 50	2 22	8 43	0 12	12 11	1 21	3 50	2 1	21 10	0 8	20 55	1 27	10 37	17 42	22 44	22 47	16 38	10 22	0 10
S 24	1 8	7 11	4 58	10 56	1 59	13 41	2 15	9 0	0 12	12 13	1 21	3 47	2 1	21 10	0 8	20 55	1 27	10 38	17 42	22 45	22 48	16 36	10 23	0 10
S 25	1 32	12 11	4 59	10 31	2 4	13 31	2 7	9 17	0 11	12 15	1 21	3 45	2 1	21 10	0 8	20 55	1 27	10 39	17 42	22 46	22 48	16 33	10 24	0 10
M26	1 55	16 43	4 45	10 5	2 8	13 21	2 0	9 34	0 10	12 17	1 21	3 42	2 1	21 10	0 8	20 56	1 26	10 39	17 42	22 48	22 48	16 31	10 26	0 10
T 27	2 19	20 32	4 15	9 37	2 12	13 10	1 53	9 51	0 10	12 19	1 21	3 39	2 1	21 10	0 8	20 56	1 26	10 40	17 42	22 49	22 49	16 28	10 27	0 10
W28	2 42	23 20	3 32	9 8	2 16	12 59	1 46	10 8	0 9	12 20	1 21	3 36	2 1	21 10	0 8	20 56	1 26	10 41	17 42	22 49	22 49	16 26	10 28	0 10
T 29	3 6	24 51	2 36	8 38	2 19	12 48	1 39	10 25	0 8	12 22	1 21	3 33	2 1	21 9	0 8	20 56	1 26	10 42	17 42	22 50	22 49	16 23	10 29	0 11
F 30	3 29	24 54	1 30	8 7	2 22	12 36	1 32	10 41	0 8	12 24	1 21	3 30	2 2	21 9	0 8	20 56	1 26	10 42	17 43	22 50	22 50	16 21	10 31	0 11
S 31	3n52	23s25	0s18	7s34	2s24	12s23	1n26	10n57	0s 7	12n25	1n21	3s27	2s 2	21s 9	0n 8	20n57	1s26	10n43	17n43	22s50	22s50	16n19	10n32	0s11

Julian Day Number = 2353353.5, Delta T = 11.39 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'14, Lahiri = 20°06'14Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

APRIL 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 19	10♈45'09	23♉47	17♓57	24♒22	29♈32	0°R50	26♓ 7	5°R38	12♊50	14°R10	13°R 5	13♉ 2	7♌46	27♈50	S 1
M 2	12 39 16	11°44'13	8♒ 3	19°30	25°21	0♉17	0♍45	26°14	5♐37	12°51	14♎ 9	13♉ 3	12°59	7°53	27°54	M 2
T 3	12 43 12	12°43'16	22°28	21° 4	26°20	1° 1	0°41	26°21	5°36	12°52	14° 7	13° 0	12°56	8° 0	27°58	T 3
W 4	12 47 9	13°42'17	7♓ 0	22°39	27°20	1°45	0°37	26°28	5°35	12°54	14° 5	12°54	12°52	8° 6	28° 2	W 4
T 5	12 51 5	14°41'15	21°33	24°16	28°19	2°29	0°33	26°36	5°33	12°55	14° 4	12°44	12°49	8°13	28° 5	T 5
F 6	12 55 2	15°40'12	6♈ 0	25°54	29°20	3°12	0°29	26°43	5°32	12°56	14° 2	12°33	12°46	8°20	28° 9	F 6
S 7	12 58 58	16°39'07	20°15	27°34	0♓20	3°56	0°25	26°50	5°31	12°58	14° 0	12°21	12°43	8°26	28°13	S 7
S 8	13 2 55	17°38'00	4♉12	29°16	1°21	4°40	0°22	26°57	5°30	12°59	13°59	12° 9	12°40	8°33	28°17	S 8
M 9	13 6 51	18°36'51	17°47	0♈59	2°22	5°24	0°18	27° 4	5°28	13° 1	13°57	11°59	12°37	8°39	28°21	M 9
T 10	13 10 48	19°35'40	0♊57	2°43	3°24	6° 8	0°15	27°11	5°27	13° 2	13°55	11°51	12°33	8°46	28°24	T 10
W11	13 14 45	20°34'26	13°44	4°30	4°25	6°51	0°12	27°18	5°25	13° 4	13°54	11°46	12°30	8°53	28°28	W11
T 12	13 18 41	21°33'11	26°10	6°17	5°27	7°35	0° 9	27°25	5°24	13° 5	13°52	11°43	12°27	8°59	28°32	T 12
F 13	13 22 38	22°31'53	8♋19	8° 6	6°30	8°18	0° 7	27°32	5°22	13° 7	13°50	11°D43	12°24	9° 6	28°36	F 13
S 14	13 26 34	23°30'33	20°15	9°57	7°32	9° 2	0° 4	27°39	5°21	13° 8	13°49	11°R43	12°21	9°13	28°40	S 14
S 15	13 30 31	24°29'10	2♌ 5	11°50	8°35	9°45	0° 2	27°46	5°19	13°10	13°47	11°42	12°17	9°19	28°44	S 15
M16	13 34 27	25°27'46	13°54	13°44	9°38	10°29	29♌59	27°53	5°17	13°11	13°45	11°41	12°14	9°26	28°48	M16
T 17	13 38 24	26°26'19	25°47	15°39	10°42	11°12	29°58	28° 0	5°15	13°13	13°44	11°37	12°11	9°33	28°52	T 17
W18	13 42 20	27°24'50	7♍48	17°36	11°45	11°55	29°56	28° 7	5°14	13°15	13°42	11°31	12° 8	9°39	28°55	W18
T 19	13 46 17	28°23'19	20° 2	19°35	12°49	12°39	29°55	28°14	5°12	13°16	13°40	11°23	12° 5	9°46	28°59	T 19
F 20	13 50 14	29°21'46	2♎31	21°35	13°53	13°22	29°54	28°21	5°10	13°18	13°39	11°12	12° 2	9°53	29° 3	F 20
S 21	13 54 10	0♉20'10	15°16	23°37	14°57	14° 5	29°52	28°27	5° 8	13°20	13°37	11° 0	11°58	9°59	29° 7	S 21
S 22	13 58 7	1°18'33	28°18	25°40	16° 2	14°48	29°51	28°34	5° 6	13°22	13°36	10°49	11°55	10° 6	29°11	S 22
M23	14 2 3	2°16'54	11♏35	27°44	17° 6	15°31	29°51	28°41	5° 4	13°23	13°34	10°38	11°52	10°13	29°15	M23
T 24	14 6 0	3°15'14	25° 6	29°50	18°11	16°14	29°50	28°47	5° 2	13°25	13°32	10°29	11°49	10°19	29°19	T 24
W25	14 9 56	4°13'31	8♐48	1♉56	19°16	16°57	29°50	28°54	5° 0	13°27	13°31	10°23	11°46	10°26	29°23	W25
T 26	14 13 53	5°11'48	22°38	4° 4	20°22	17°40	29°49	29° 0	4°58	13°29	13°29	10°19	11°42	10°33	29°27	T 26
F 27	14 17 49	6°10'02	6♑35	6°13	21°27	18°23	29°D49	29° 7	4°56	13°31	13°28	10°D18	11°39	10°39	29°30	F 27
S 28	14 21 46	7° 8'15	20°37	8°22	22°33	19° 6	29°50	29°13	4°54	13°32	13°26	10°18	11°36	10°46	29°34	S 28
S 29	14 25 43	8° 6'27	4♒43	10°31	23°38	19°48	29°50	29°20	4°52	13°34	13°25	10°R18	11°33	10°53	29°38	S 29
M30	14 29 39	9♉ 4'37	18♒52	12♉41	24♓44	20♉31	29♌50	29♓26	4♐50	13♊36	13♎23	10♑18	11♑30	10♌59	29♈42	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n16	20s27	0n56	7s 0	2s25	12s10	1n19	11n14	0s 6	12n27	1n20	3s25	2s 2	21s 9	0n 8	20n57	1s26	10n44	17n43	22s50	22s50	16n16	10n33	0s11
M 2	4 39	16 13	2 8	6 24	2 26	11 57	1 13	11 30	0 6	12 28	1 20	3 22	2 2	21 9	0 8	20 57	1 26	10 44	17 43	22 50	22 50	16 14	10 34	0 11
T 3	5 2	11 1	3 12	5 48	2 27	11 43	1 6	11 46	0 5	12 30	1 20	3 19	2 2	21 8	0 8	20 57	1 26	10 45	17 43	22 50	22 51	16 11	10 36	0 11
W 4	5 25	5 10	4 4	5 10	2 27	11 29	1 0	12 2	0 4	12 31	1 20	3 16	2 2	21 8	0 8	20 57	1 26	10 46	17 43	22 51	22 51	16 9	10 37	0 11
T 5	5 48	0n56	4 40	4 32	2 27	11 14	0 53	12 18	0 4	12 33	1 20	3 13	2 2	21 8	0 8	20 58	1 26	10 46	17 43	22 52	22 51	16 6	10 38	0 11
F 6	6 11	6 57	4 58	3 52	2 26	10 59	0 47	12 33	0 3	12 34	1 20	3 11	2 2	21 8	0 8	20 58	1 26	10 47	17 43	22 53	22 52	16 4	10 40	0 11
S 7	6 33	12 31	4 58	3 11	2 25	10 44	0 41	12 49	0 2	12 35	1 20	3 8	2 2	21 8	0 8	20 58	1 26	10 48	17 43	22 54	22 52	16 1	10 41	0 11
S 8	6 56	17 18	4 39	2 29	2 23	10 28	0 35	13 4	0 2	12 36	1 20	3 5	2 2	21 7	0 8	20 58	1 26	10 48	17 43	22 55	22 52	15 59	10 42	0 11
M 9	7 18	21 4	4 5	1 45	2 20	10 11	0 29	13 20	0 1	12 37	1 19	3 2	2 2	21 7	0 8	20 58	1 26	10 49	17 43	22 56	22 53	15 56	10 43	0 11
T 10	7 41	23 36	3 18	1 1	2 18	9 55	0 24	13 35	0 0	12 38	1 19	3 0	2 3	21 7	0 8	20 59	1 26	10 49	17 43	22 57	22 53	15 54	10 45	0 11
W11	8 3	24 50	2 22	0 16	2 14	9 37	0 18	13 50	0n 0	12 39	1 19	2 57	2 3	21 7	0 8	20 59	1 26	10 50	17 43	22 57	22 53	15 51	10 46	0 12
T 12	8 25	24 47	1 21	0n30	2 10	9 20	0 12	14 5	0 1	12 40	1 19	2 54	2 3	21 6	0 8	20 59	1 26	10 51	17 43	22 57	22 53	15 49	10 47	0 12
F 13	8 47	23 31	0 18	1 18	2 6	9 2	0 7	14 19	0 2	12 41	1 19	2 51	2 3	21 6	0 8	20 59	1 26	10 51	17 43	22 57	22 54	15 46	10 49	0 12
S 14	9 9	21 12	0s45	2 6	2 1	8 44	0 2	14 34	0 2	12 41	1 19	2 49	2 3	21 6	0 8	21 0	1 26	10 52	17 42	22 57	22 54	15 44	10 50	0 12
S 15	9 30	18 0	1 46	2 55	1 56	8 25	0s 4	14 48	0 3	12 42	1 19	2 46	2 3	21 6	0 8	21 0	1 26	10 52	17 42	22 57	22 54	15 41	10 51	0 12
M16	9 52	14 6	2 42	3 44	1 50	8 6	0 9	15 3	0 4	12 43	1 18	2 43	2 3	21 5	0 8	21 0	1 25	10 53	17 42	22 58	22 55	15 39	10 53	0 12
T 17	10 13	9 38	3 31	4 35	1 43	7 47	0 14	15 17	0 4	12 43	1 18	2 41	2 3	21 5	0 8	21 0	1 25	10 53	17 42	22 58	22 55	15 36	10 54	0 12
W18	10 34	4 46	4 12	5 26	1 36	7 27	0 19	15 31	0 5	12 44	1 18	2 38	2 3	21 5	0 8	21 1	1 25	10 54	17 42	22 58	22 55	15 34	10 55	0 12
T 19	10 55	0s22	4 41	6 18	1 29	7 7	0 23	15 45	0 6	12 44	1 18	2 36	2 4	21 4	0 8	21 1	1 25	10 54	17 42	22 59	22 56	15 31	10 57	0 12
F 20	11 16	5 34	4 58	7 10	1 21	6 47	0 28	15 58	0 6	12 44	1 18	2 33	2 4	21 4	0 8	21 1	1 25	10 55	17 42	23 0	22 56	15 29	10 58	0 12
S 21	11 36	10 39	5 1	8 3	1 13	6 26	0 33	16 12	0 7	12 45	1 18	2 31	2 4	21 4	0 8	21 1	1 25	10 55	17 42	23 1	22 56	15 26	10 59	0 12
S 22	11 57	15 22	4 48	8 56	1 4	6 5	0 37	16 25	0 8	12 45	1 17	2 28	2 4	21 3	0 8	21 2	1 25	10 56	17 41	23 2	22 56	15 24	11 0	0 12
M23	12 17	19 26	4 20	9 49	0 55	5 44	0 42	16 39	0 8	12 45	1 17	2 25	2 4	21 3	0 8	21 2	1 25	10 56	17 41	23 3	22 57	15 21	11 2	0 12
T 24	12 37	22 34	3 36	10 43	0 46	5 23	0 46	16 52	0 9	12 45	1 17	2 23	2 4	21 3	0 8	21 2	1 25	10 56	17 41	23 4	22 57	15 19	11 3	0 13
W25	12 57	24 25	2 39	11 36	0 36	5 1	0 50	17 4	0 9	12 45	1 17	2 21	2 4	21 2	0 8	21 2	1 25	10 57	17 41	23 4	22 57	15 16	11 4	0 13
T 26	13 16	24 49	1 33	12 29	0 26	4 39	0 54	17 17	0 10	12 45	1 17	2 18	2 5	21 2	0 8	21 3	1 25	10 57	17 41	23 4	22 57	15 14	11 6	0 13
F 27	13 36	23 38	0 20	13 22	0 16	4 17	0 58	17 30	0 11	12 45	1 17	2 16	2 5	21 2	0 8	21 3	1 25	10 58	17 41	23 4	22 58	15 11	11 7	0 13
S 28	13 55	20 59	0n55	14 14	0 5	3 55	1 2	17 42	0 11	12 45	1 16	2 13	2 5	21 1	0 8	21 3	1 25	10 58	17 40	23 4	22 58	15 8	11 8	0 13
S 29	14 14	17 4	2 7	15 5	0n 6	3 32	1 5	17 54	0 12	12 44	1 16	2 11	2 5	21 1	0 8	21 3	1 25	10 58	17 40	23 4	22 58	15 6	11 10	0 13
M30	14n33	12s10	3n11	15n55	0n16	3s 9	1s 9	18n 6	0n13	12n44	1n16	2s 8	2s 5	21s 0	0n 8	21n 4	1s25	10n59	17n40	23s 4	22s59	15n 3	11n11	0s13

Julian Day Number = 2353384.5, Delta T = 11.40 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'18, Lahiri = 20°06'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

MAY 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 33 36	10♉ 2'45	3♓ 2	14♉50	25♓50	21♉14	29♌51	29♓32	4°R48	13♊38	13°R22	10°R16	11♑27	11♌ 6	29♈46	T 1
W 2	14 37 32	11° 0'52	17°13	17° 0	26°57	21°56	29°52	29°38	4♐46	13°40	13♎20	10♑12	11°23	11°13	29°50	W 2
T 3	14 41 29	11°58'58	1♈20	19° 8	28° 3	22°39	29°53	29°45	4°44	13°42	13°19	10° 5	11°20	11°19	29°54	T 3
F 4	14 45 25	12°57'02	15°20	21°15	29°10	23°22	29°54	29°51	4°41	13°44	13°18	9°56	11°17	11°26	29°57	F 4
S 5	14 49 22	13°55'05	29° 9	23°22	0♈16	24° 4	29°56	29°57	4°39	13°46	13°16	9°47	11°14	11°33	0♉ 1	S 5
S 6	14 53 18	14°53'06	12♉44	25°26	1°23	24°46	29°57	0♈ 3	4°37	13°48	13°15	9°38	11°11	11°39	0° 5	S 6
M 7	14 57 15	15°51'06	26° 2	27°29	2°30	25°29	29°59	0° 9	4°35	13°50	13°13	9°30	11° 8	11°46	0° 9	M 7
T 8	15 1 12	16°49'04	9♊ 0	29°30	3°37	26°11	0♍ 1	0°15	4°32	13°52	13°12	9°24	11° 4	11°53	0°13	T 8
W 9	15 5 8	17°47'00	21°40	1♊28	4°44	26°53	0° 3	0°21	4°30	13°54	13°11	9°20	11° 1	11°59	0°16	W 9
T 10	15 9 5	18°44'55	4♋ 2	3°24	5°52	27°36	0° 5	0°26	4°28	13°56	13° 9	9°D19	10°58	12° 6	0°20	T 10
F 11	15 13 1	19°42'48	16° 9	5°17	6°59	28°18	0° 8	0°32	4°25	13°58	13° 8	9°19	10°55	12°13	0°24	F 11
S 12	15 16 58	20°40'39	28° 6	7° 7	8° 7	29° 0	0°11	0°38	4°23	14° 0	13° 7	9°20	10°52	12°19	0°27	S 12
S 13	15 20 54	21°38'29	9♌57	8°55	9°14	29°42	0°13	0°43	4°20	14° 2	13° 6	9°21	10°48	12°26	0°31	S 13
M14	15 24 51	22°36'17	21°47	10°39	10°22	0♊24	0°16	0°49	4°18	14° 5	13° 5	9°R22	10°45	12°33	0°35	M14
T 15	15 28 47	23°34'03	3♍41	12°20	11°30	1° 6	0°20	0°54	4°16	14° 7	13° 3	9°21	10°42	12°39	0°39	T 15
W16	15 32 44	24°31'47	15°44	13°58	12°38	1°48	0°23	1° 0	4°13	14° 9	13° 2	9°19	10°39	12°46	0°42	W16
T 17	15 36 41	25°29'30	28° 1	15°33	13°46	2°30	0°26	1° 5	4°11	14°11	13° 1	9°14	10°36	12°53	0°46	T 17
F 18	15 40 37	26°27'11	10♎36	17° 5	14°54	3°12	0°30	1°11	4° 8	14°13	13° 0	9° 9	10°33	12°59	0°49	F 18
S 19	15 44 34	27°24'51	23°30	18°33	16° 3	3°54	0°34	1°16	4° 6	14°15	12°59	9° 2	10°29	13° 6	0°53	S 19
S 20	15 48 30	28°22'29	6♏44	19°57	17°11	4°35	0°38	1°21	4° 3	14°17	12°58	8°55	10°26	13°13	0°57	S 20
M21	15 52 27	29°20'06	20°19	21°19	18°19	5°17	0°42	1°26	4° 1	14°20	12°57	8°49	10°23	13°19	1° 0	M21
T 22	15 56 23	0♊17'42	4♐12	22°36	19°28	5°59	0°47	1°31	3°58	14°22	12°56	8°44	10°20	13°26	1° 4	T 22
W23	16 0 20	1°15'17	18°18	23°50	20°37	6°40	0°51	1°36	3°56	14°24	12°55	8°41	10°17	13°33	1° 7	W23
T 24	16 4 16	2°12'50	2♑35	25° 1	21°45	7°22	0°56	1°41	3°53	14°26	12°54	8°D39	10°14	13°39	1°11	T 24
F 25	16 8 13	3°10'23	16°56	26° 8	22°54	8° 3	1° 0	1°46	3°51	14°28	12°53	8°39	10°10	13°46	1°14	F 25
S 26	16 12 10	4° 7'54	1♒19	27°11	24° 3	8°45	1° 5	1°50	3°48	14°31	12°52	8°41	10° 7	13°53	1°17	S 26
S 27	16 16 6	5° 5'25	15°38	28°11	25°12	9°26	1°11	1°55	3°46	14°33	12°51	8°42	10° 4	13°59	1°21	S 27
M28	16 20 3	6° 2'55	29°53	29° 6	26°21	10° 8	1°16	2° 0	3°43	14°35	12°50	8°R43	10° 1	14° 6	1°24	M28
T 29	16 23 59	7° 0'24	14♓ 0	29°58	27°30	10°49	1°21	2° 4	3°41	14°37	12°49	8°43	9°58	14°13	1°28	T 29
W30	16 27 56	7°57'52	27°58	0♋46	28°40	11°30	1°27	2° 9	3°38	14°39	12°49	8°42	9°54	14°19	1°31	W30
T 31	16 31 52	8♊55'20	11♈45	1♋29	29♈49	12♊12	1♍32	2♈13	3♐36	14♊42	12♎48	8♑39	9♑51	14♌26	1♉34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n51	6s37	4n 3	16n44	0n27	2s46	1s12	18n18	0n13	12n44	1n16	2s 6	2s 5	21s 0	0n 8	21n 4	1s25	10n59	17n40	23s 5	22s59	15n 1	11n12	0s13
W 2	15 9	0 45	4 41	17 32	0 37	2 23	1 16	18 30	0 14	12 43	1 16	2 4	2 6	21 0	0 8	21 4	1 25	10 59	17 39	23 5	22 59	14 58	11 13	0 13
T 3	15 27	5n 8	5 1	18 18	0 48	1 59	1 19	18 42	0 14	12 43	1 16	2 1	2 6	20 59	0 8	21 4	1 25	11 0	17 39	23 5	22 59	14 56	11 15	0 13
F 4	15 45	10 42	5 4	19 2	0 58	1 35	1 22	18 53	0 15	12 42	1 15	1 59	2 6	20 59	0 8	21 5	1 25	11 0	17 39	23 6	23 0	14 53	11 16	0 13
S 5	16 2	15 40	4 48	19 44	1 8	1 12	1 25	19 4	0 16	12 41	1 15	1 57	2 6	20 58	0 8	21 5	1 25	11 0	17 38	23 7	23 0	14 51	11 17	0 13
S 6	16 20	19 45	4 16	20 24	1 17	0 48	1 28	19 15	0 16	12 41	1 15	1 55	2 6	20 58	0 8	21 5	1 25	11 0	17 38	23 7	23 0	14 48	11 18	0 14
M 7	16 37	22 42	3 31	21 1	1 26	0 24	1 31	19 26	0 17	12 40	1 15	1 52	2 6	20 58	0 8	21 6	1 25	11 1	17 38	23 8	23 0	14 46	11 20	0 14
T 8	16 53	24 24	2 36	21 36	1 34	0n 1	1 34	19 37	0 17	12 39	1 15	1 50	2 7	20 57	0 8	21 6	1 25	11 1	17 38	23 8	23 1	14 43	11 21	0 14
W 9	17 10	24 46	1 34	22 9	1 42	0 25	1 36	19 47	0 18	12 38	1 15	1 48	2 7	20 57	0 8	21 6	1 25	11 1	17 37	23 9	23 1	14 40	11 22	0 14
T 10	17 26	23 53	0 28	22 39	1 49	0 49	1 39	19 57	0 19	12 37	1 14	1 46	2 7	20 56	0 8	21 6	1 25	11 1	17 37	23 9	23 1	14 38	11 23	0 14
F 11	17 41	21 53	0s37	23 7	1 56	1 14	1 41	20 7	0 19	12 36	1 14	1 44	2 7	20 56	0 8	21 7	1 25	11 1	17 37	23 9	23 2	14 35	11 25	0 14
S 12	17 57	18 56	1 40	23 32	2 2	1 38	1 43	20 17	0 20	12 35	1 14	1 42	2 7	20 55	0 8	21 7	1 25	11 2	17 36	23 9	23 2	14 33	11 26	0 14
S 13	18 12	15 15	2 38	23 54	2 7	2 3	1 45	20 27	0 20	12 34	1 14	1 40	2 7	20 55	0 8	21 7	1 25	11 2	17 36	23 9	23 2	14 30	11 27	0 14
M14	18 27	10 58	3 29	24 14	2 11	2 28	1 47	20 36	0 21	12 32	1 14	1 38	2 8	20 55	0 8	21 7	1 25	11 2	17 36	23 9	23 2	14 28	11 28	0 14
T 15	18 42	6 15	4 12	24 32	2 14	2 53	1 49	20 46	0 21	12 31	1 14	1 36	2 8	20 54	0 8	21 8	1 24	11 2	17 35	23 9	23 3	14 25	11 29	0 14
W16	18 56	1 16	4 44	24 47	2 17	3 18	1 51	20 55	0 22	12 30	1 13	1 34	2 8	20 54	0 8	21 8	1 24	11 2	17 35	23 9	23 3	14 22	11 31	0 14
T 17	19 10	3s51	5 3	24 59	2 19	3 42	1 53	21 4	0 23	12 28	1 13	1 32	2 8	20 53	0 8	21 8	1 24	11 2	17 34	23 9	23 3	14 20	11 32	0 14
F 18	19 23	8 56	5 9	25 10	2 20	4 7	1 54	21 12	0 23	12 27	1 13	1 30	2 8	20 53	0 8	21 9	1 24	11 2	17 34	23 10	23 3	14 17	11 33	0 15
S 19	19 37	13 46	5 0	25 18	2 20	4 32	1 56	21 21	0 24	12 25	1 13	1 28	2 9	20 52	0 8	21 9	1 24	11 2	17 34	23 10	23 4	14 15	11 34	0 15
S 20	19 50	18 6	4 34	25 24	2 19	4 57	1 57	21 29	0 24	12 24	1 13	1 26	2 9	20 52	0 8	21 9	1 24	11 2	17 33	23 10	23 4	14 12	11 35	0 15
M21	20 2	21 35	3 52	25 29	2 18	5 22	1 59	21 37	0 25	12 22	1 13	1 24	2 9	20 51	0 8	21 9	1 24	11 2	17 33	23 11	23 4	14 9	11 37	0 15
T 22	20 15	23 54	2 56	25 31	2 15	5 47	2 0	21 45	0 25	12 21	1 12	1 22	2 9	20 51	0 8	21 10	1 24	11 2	17 32	23 11	23 4	14 7	11 38	0 15
W23	20 26	24 46	1 49	25 32	2 12	6 12	2 1	21 53	0 26	12 19	1 12	1 21	2 10	20 51	0 8	21 10	1 24	11 2	17 32	23 11	23 5	14 4	11 39	0 15
T 24	20 38	24 0	0 33	25 31	2 8	6 36	2 2	22 0	0 27	12 17	1 12	1 19	2 10	20 50	0 8	21 10	1 24	11 2	17 31	23 11	23 5	14 2	11 40	0 15
F 25	20 49	21 39	0n45	25 28	2 3	7 1	2 3	22 8	0 27	12 15	1 12	1 17	2 10	20 50	0 8	21 10	1 24	11 2	17 31	23 11	23 5	13 59	11 41	0 15
S 26	21 0	17 56	2 1	25 24	1 57	7 26	2 3	22 15	0 28	12 13	1 12	1 15	2 10	20 49	0 7	21 11	1 24	11 2	17 31	23 11	23 5	13 56	11 42	0 15
S 27	21 11	13 10	3 8	25 18	1 50	7 50	2 4	22 22	0 28	12 11	1 12	1 14	2 10	20 49	0 7	21 11	1 24	11 2	17 30	23 11	23 6	13 54	11 43	0 15
M28	21 21	7 43	4 4	25 11	1 43	8 15	2 5	22 28	0 29	12 9	1 11	1 12	2 11	20 48	0 7	21 11	1 24	11 2	17 30	23 11	23 6	13 51	11 44	0 15
T 29	21 31	1 56	4 44	25 3	1 35	8 39	2 5	22 35	0 29	12 7	1 11	1 11	2 11	20 48	0 7	21 11	1 24	11 2	17 29	23 11	23 6	13 49	11 45	0 15
W30	21 40	3n53	5 7	24 54	1 25	9 4	2 5	22 41	0 30	12 5	1 11	1 9	2 11	20 47	0 7	21 12	1 24	11 2	17 29	23 11	23 6	13 46	11 46	0 16
T 31	21n49	9n26	5n12	24n43	1n15	9n28	2s 6	22n47	0n30	12n 3	1n11	1s 8	2s11	20s47	0n 7	21n12	1s24	11n 1	17n28	23s12	23s 6	13n43	11n48	0s16

Julian Day Number = 2353414.5, Delta T = 11.41 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'22, Lahiri = 20°06'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

JUNE 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 35 49	9♊52'47	25♈21	2♋ 9	0♉58	12♊53	1♍38	2♈17	3°R34	14♊44	12°R47	8°R35	9♑48	14♌33	1♉37	F 1
S 2	16 39 45	10°50'13	8♉45	2°44	2° 8	13°34	1°44	2°22	3♐31	14°46	12♎46	8♑31	9°45	14°39	1°41	S 2
S 3	16 43 42	11°47'39	21°55	3°15	3°17	14°15	1°50	2°26	3°29	14°48	12°46	8°27	9°42	14°46	1°44	S 3
M 4	16 47 39	12°45'03	4♊50	3°42	4°27	14°56	1°57	2°30	3°26	14°51	12°45	8°23	9°39	14°53	1°47	M 4
T 5	16 51 35	13°42'27	17°30	4° 4	5°37	15°37	2° 3	2°34	3°24	14°53	12°45	8°21	9°35	14°59	1°50	T 5
W 6	16 55 32	14°39'51	29°57	4°21	6°46	16°18	2°10	2°38	3°21	14°55	12°44	8°19	9°32	15° 6	1°53	W 6
T 7	16 59 28	15°37'13	12♋10	4°34	7°56	16°59	2°16	2°41	3°19	14°57	12°43	8°D19	9°29	15°13	1°56	T 7
F 8	17 3 25	16°34'34	24°13	4°43	9° 6	17°40	2°23	2°45	3°16	15° 0	12°43	8°20	9°26	15°19	1°59	F 8
S 9	17 7 21	17°31'55	6♌ 8	4°R47	10°16	18°21	2°30	2°49	3°14	15° 2	12°42	8°21	9°23	15°26	2° 2	S 9
S 10	17 11 18	18°29'14	17°58	4°46	11°26	19° 2	2°37	2°52	3°12	15° 4	12°42	8°23	9°20	15°33	2° 5	S 10
M11	17 15 14	19°26'33	29°48	4°41	12°36	19°43	2°44	2°56	3° 9	15° 6	12°42	8°24	9°16	15°39	2° 8	M11
T 12	17 19 11	20°23'51	11♍42	4°31	13°46	20°23	2°52	2°59	3° 7	15° 9	12°41	8°25	9°13	15°46	2°11	T 12
W13	17 23 8	21°21'08	23°45	4°18	14°56	21° 4	2°59	3° 2	3° 5	15°11	12°41	8°R25	9°10	15°53	2°14	W13
T 14	17 27 4	22°18'24	6♎ 1	4° 0	16° 6	21°45	3° 7	3° 5	3° 2	15°13	12°40	8°25	9° 7	15°59	2°17	T 14
F 15	17 31 1	23°15'39	18°35	3°39	17°17	22°25	3°15	3° 9	3° 0	15°15	12°40	8°24	9° 4	16° 6	2°20	F 15
S 16	17 34 57	24°12'53	1♏31	3°14	18°27	23° 6	3°22	3°12	2°58	15°17	12°40	8°22	9° 0	16°13	2°22	S 16
S 17	17 38 54	25°10'07	14°50	2°46	19°37	23°46	3°30	3°15	2°56	15°20	12°40	8°20	8°57	16°19	2°25	S 17
M18	17 42 50	26° 7'20	28°33	2°16	20°48	24°27	3°38	3°17	2°53	15°22	12°40	8°19	8°54	16°26	2°28	M18
T 19	17 46 47	27° 4'33	12♐40	1°44	21°58	25° 7	3°47	3°20	2°51	15°24	12°39	8°17	8°51	16°33	2°30	T 19
W20	17 50 44	28° 1'46	27° 5	1°10	23° 9	25°48	3°55	3°23	2°49	15°26	12°39	8°17	8°48	16°40	2°33	W20
T 21	17 54 40	28°58'58	11♑45	0°35	24°19	26°28	4° 3	3°25	2°47	15°28	12°39	8°D17	8°45	16°46	2°35	T 21
F 22	17 58 37	29°56'09	26°31	0° 0	25°30	27° 9	4°12	3°28	2°45	15°31	12°39	8°17	8°41	16°53	2°38	F 22
S 23	18 2 33	0♋53'21	11♒19	29♊25	26°41	27°49	4°21	3°30	2°43	15°33	12°D39	8°17	8°38	17° 0	2°40	S 23
S 24	18 6 30	1°50'32	26° 0	28°51	27°52	28°29	4°29	3°32	2°41	15°35	12°39	8°18	8°35	17° 6	2°43	S 24
M25	18 10 26	2°47'44	10♓29	28°18	29° 2	29° 9	4°38	3°35	2°39	15°37	12°39	8°19	8°32	17°13	2°45	M25
T 26	18 14 23	3°44'55	24°43	27°47	0♊13	29°49	4°47	3°37	2°37	15°39	12°39	8°19	8°29	17°20	2°47	T 26
W27	18 18 19	4°42'07	8♈40	27°19	1°24	0♋30	4°56	3°39	2°35	15°41	12°39	8°R19	8°26	17°26	2°50	W27
T 28	18 22 16	5°39'18	22°18	26°54	2°35	1°10	5° 5	3°40	2°33	15°44	12°39	8°19	8°22	17°33	2°52	T 28
F 29	18 26 13	6°36'31	5♉39	26°32	3°46	1°50	5°15	3°42	2°31	15°46	12°40	8°19	8°19	17°40	2°54	F 29
S 30	18 30 9	7♋33'43	18♉42	26♊14	4♊57	2♋30	5♍24	3♈44	2♐29	15♊48	12♎40	8♑18	8♑16	17♌46	2♉56	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n58	14n28	5n 0	24n32	1n 4	9n52	2s 6	22n53	0n31	12n 1	1n11	1s 6	2s12	20s46	0n 7	21n12	1s24	11n 1	17n28	23s12	23s 7	13n41	11n49	0s16
S 2	22 6	18 42	4 31	24 20	0 53	10 16	2 6	22 59	0 31	11 58	1 11	1 5	2 12	20 46	0 7	21 13	1 24	11 1	17 27	23 12	23 7	13 38	11 50	0 16
S 3	22 14	21 56	3 48	24 7	0 40	10 39	2 6	23 4	0 32	11 56	1 10	1 3	2 12	20 46	0 7	21 13	1 24	11 1	17 27	23 12	23 7	13 36	11 51	0 16
M 4	22 22	23 59	2 54	23 53	0 27	11 3	2 6	23 10	0 32	11 54	1 10	1 2	2 12	20 45	0 7	21 13	1 24	11 1	17 26	23 13	23 7	13 33	11 52	0 16
T 5	22 29	24 45	1 52	23 38	0 14	11 26	2 5	23 15	0 33	11 51	1 10	1 0	2 13	20 45	0 7	21 13	1 24	11 0	17 26	23 13	23 8	13 30	11 53	0 16
W 6	22 35	24 14	0 46	23 23	0s 1	11 49	2 5	23 19	0 33	11 49	1 10	0 59	2 13	20 44	0 7	21 14	1 24	11 0	17 25	23 13	23 8	13 28	11 54	0 16
T 7	22 42	22 34	0s21	23 8	0 16	12 12	2 5	23 24	0 34	11 46	1 10	0 58	2 13	20 44	0 7	21 14	1 24	11 0	17 25	23 13	23 8	13 25	11 55	0 16
F 8	22 48	19 53	1 27	22 52	0 31	12 35	2 4	23 28	0 35	11 43	1 10	0 57	2 13	20 43	0 7	21 14	1 24	11 0	17 24	23 13	23 8	13 23	11 56	0 16
S 9	22 53	16 23	2 27	22 36	0 47	12 58	2 4	23 33	0 35	11 41	1 10	0 55	2 14	20 43	0 7	21 14	1 24	10 59	17 24	23 13	23 9	13 20	11 57	0 16
S 10	22 58	12 16	3 22	22 20	1 4	13 20	2 3	23 37	0 36	11 38	1 9	0 54	2 14	20 42	0 7	21 15	1 24	10 59	17 23	23 13	23 9	13 17	11 57	0 17
M11	23 3	7 42	4 7	22 3	1 20	13 42	2 2	23 40	0 36	11 35	1 9	0 53	2 14	20 42	0 7	21 15	1 24	10 59	17 23	23 12	23 9	13 15	11 58	0 17
T 12	23 8	2 50	4 43	21 47	1 37	14 4	2 2	23 44	0 37	11 33	1 9	0 52	2 14	20 42	0 7	21 15	1 24	10 58	17 22	23 12	23 9	13 12	11 59	0 17
W13	23 12	2s12	5 6	21 30	1 54	14 25	2 1	23 47	0 37	11 30	1 9	0 51	2 15	20 41	0 7	21 15	1 24	10 58	17 22	23 12	23 9	13 9	12 0	0 17
T 14	23 15	7 13	5 16	21 14	2 11	14 46	2 0	23 50	0 38	11 27	1 9	0 50	2 15	20 41	0 7	21 16	1 24	10 58	17 21	23 12	23 10	13 7	12 1	0 17
F 15	23 18	12 5	5 11	20 58	2 27	15 7	1 59	23 53	0 38	11 24	1 9	0 49	2 15	20 40	0 7	21 16	1 24	10 57	17 21	23 12	23 10	13 4	12 2	0 17
S 16	23 21	16 33	4 51	20 43	2 44	15 28	1 58	23 56	0 39	11 21	1 9	0 48	2 15	20 40	0 7	21 16	1 24	10 57	17 20	23 13	23 10	13 1	12 3	0 17
S 17	23 23	20 22	4 15	20 28	2 59	15 48	1 56	23 59	0 39	11 18	1 8	0 47	2 16	20 39	0 7	21 16	1 24	10 56	17 20	23 13	23 10	12 59	12 4	0 17
M18	23 25	23 10	3 23	20 13	3 14	16 8	1 55	24 1	0 40	11 15	1 8	0 46	2 16	20 39	0 7	21 17	1 24	10 56	17 19	23 13	23 11	12 56	12 4	0 17
T 19	23 27	24 37	2 17	19 59	3 28	16 27	1 54	24 3	0 40	11 12	1 8	0 45	2 16	20 39	0 7	21 17	1 24	10 56	17 18	23 13	23 11	12 54	12 5	0 17
W20	23 28	24 28	1 2	19 46	3 42	16 47	1 52	24 5	0 40	11 9	1 8	0 44	2 16	20 38	0 7	21 17	1 24	10 55	17 18	23 13	23 11	12 51	12 6	0 17
T 21	23 28	22 38	0n19	19 34	3 54	17 5	1 51	24 7	0 41	11 5	1 8	0 44	2 17	20 38	0 7	21 17	1 24	10 55	17 17	23 13	23 11	12 48	12 7	0 18
F 22	23 28	19 15	1 40	19 24	4 5	17 24	1 49	24 8	0 41	11 2	1 8	0 43	2 17	20 37	0 7	21 17	1 24	10 54	17 17	23 13	23 11	12 46	12 8	0 18
S 23	23 28	14 38	2 53	19 14	4 15	17 42	1 48	24 9	0 42	10 59	1 8	0 42	2 17	20 37	0 7	21 18	1 24	10 54	17 16	23 13	23 12	12 43	12 8	0 18
S 24	23 28	9 11	3 55	19 5	4 23	18 0	1 46	24 10	0 42	10 56	1 8	0 42	2 17	20 37	0 7	21 18	1 24	10 53	17 16	23 13	23 12	12 40	12 9	0 18
M25	23 27	3 19	4 41	18 58	4 30	18 17	1 44	24 11	0 43	10 52	1 7	0 41	2 18	20 36	0 7	21 18	1 24	10 53	17 15	23 13	23 12	12 38	12 10	0 18
T 26	23 25	2n37	5 9	18 53	4 35	18 34	1 42	24 12	0 43	10 49	1 7	0 40	2 18	20 36	0 7	21 18	1 24	10 52	17 15	23 13	23 12	12 35	12 11	0 18
W27	23 23	8 18	5 17	18 48	4 39	18 50	1 40	24 12	0 44	10 45	1 7	0 40	2 18	20 35	0 7	21 19	1 24	10 52	17 14	23 13	23 12	12 32	12 11	0 18
T 28	23 21	13 27	5 8	18 45	4 41	19 6	1 39	24 12	0 44	10 42	1 7	0 39	2 19	20 35	0 7	21 19	1 24	10 51	17 13	23 13	23 13	12 30	12 12	0 18
F 29	23 19	17 51	4 42	18 44	4 42	19 21	1 37	24 12	0 45	10 38	1 7	0 39	2 19	20 35	0 7	21 19	1 24	10 50	17 13	23 13	23 13	12 27	12 13	0 18
S 30	23n16	21n17	4n 2	18n44	4s41	19n36	1s35	24n12	0n45	10n35	1n 7	0s38	2s19	20s34	0n 7	21n19	1s24	10n50	17n12	23s13	23s13	12n24	12n13	0s18

Julian Day Number = 2353445.5, Delta T = 11.43 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'27, Lahiri = 20°06'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

JULY 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 6	8♋30'55	1♊31	26°R 1	6♊ 8	3♋10	5♍33	3♈46	2°R27	15♊50	12♎40	8°D18	8♑13	17♒53	2♉58	S 1
M 2	18 38 2	9°28'08	14° 6	25♊51	7°20	3°50	5°43	3°47	2♐25	15°52	12°40	8♑18	8°10	18° 0	3° 0	M 2
T 3	18 41 59	10°25'21	26°28	25°D47	8°31	4°30	5°53	3°48	2°23	15°54	12°41	8°19	8° 6	18° 6	3° 2	T 3
W 4	18 45 55	11°22'34	8♋40	25°47	9°42	5°10	6° 2	3°50	2°22	15°56	12°41	8°R19	8° 3	18°13	3° 4	W 4
T 5	18 49 52	12°19'47	20°43	25°52	10°54	5°49	6°12	3°51	2°20	15°58	12°41	8°19	8° 0	18°20	3° 6	T 5
F 6	18 53 48	13°17'00	2♒39	26° 3	12° 5	6°29	6°22	3°52	2°18	16° 0	12°42	8°18	7°57	18°26	3° 8	F 6
S 7	18 57 45	14°14'14	14°30	26°19	13°16	7° 9	6°32	3°53	2°17	16° 2	12°42	8°18	7°54	18°33	3°10	S 7
S 8	19 1 42	15°11'27	26°20	26°40	14°28	7°49	6°42	3°54	2°15	16° 4	12°43	8°17	7°51	18°40	3°12	S 8
M 9	19 5 38	16° 8'40	8♍10	27° 6	15°39	8°28	6°53	3°55	2°13	16° 6	12°43	8°16	7°47	18°46	3°13	M 9
T 10	19 9 35	17° 5'53	20° 4	27°37	16°51	9° 8	7° 3	3°55	2°12	16° 8	12°44	8°15	7°44	18°53	3°15	T 10
W11	19 13 31	18° 3'07	2♎ 6	28°14	18° 3	9°48	7°13	3°56	2°10	16°10	12°44	8°14	7°41	19° 0	3°16	W11
T 12	19 17 28	19° 0'20	14°21	28°56	19°14	10°27	7°24	3°56	2° 9	16°12	12°45	8°D14	7°38	19° 6	3°18	T 12
F 13	19 21 24	19°57'34	26°52	29°43	20°26	11° 7	7°34	3°57	2° 7	16°14	12°46	8°14	7°35	19°13	3°20	F 13
S 14	19 25 21	20°54'48	9♏44	0♋35	21°38	11°46	7°45	3°57	2° 6	16°16	12°46	8°14	7°32	19°20	3°21	S 14
S 15	19 29 17	21°52'02	22°59	1°32	22°49	12°26	7°55	3°57	2° 5	16°18	12°47	8°15	7°28	19°26	3°22	S 15
M16	19 33 14	22°49'16	6♐41	2°34	24° 1	13° 5	8° 6	3°R57	2° 4	16°20	12°48	8°16	7°25	19°33	3°24	M16
T 17	19 37 11	23°46'30	20°49	3°41	25°13	13°45	8°17	3°57	2° 2	16°22	12°49	8°17	7°22	19°40	3°25	T 17
W18	19 41 7	24°43'45	5♑22	4°53	26°25	14°24	8°28	3°57	2° 1	16°24	12°49	8°R18	7°19	19°47	3°26	W18
T 19	19 45 4	25°41'01	20°14	6°10	27°37	15° 4	8°39	3°57	2° 0	16°26	12°50	8°17	7°16	19°53	3°27	T 19
F 20	19 49 0	26°38'16	5♒19	7°31	28°49	15°43	8°50	3°57	1°59	16°27	12°51	8°16	7°12	20° 0	3°28	F 20
S 21	19 52 57	27°35'33	20°27	8°57	0♋ 1	16°22	9° 1	3°56	1°58	16°29	12°52	8°14	7° 9	20° 7	3°29	S 21
S 22	19 56 53	28°32'50	5♓29	10°27	1°13	17° 1	9°12	3°56	1°57	16°31	12°53	8°12	7° 6	20°13	3°30	S 22
M23	20 0 50	29°30'08	20°18	12° 2	2°26	17°41	9°24	3°55	1°56	16°33	12°54	8° 9	7° 3	20°20	3°31	M23
T 24	20 4 46	0♒27'27	4♈45	13°40	3°38	18°20	9°35	3°54	1°55	16°34	12°55	8° 7	7° 0	20°27	3°32	T 24
W25	20 8 43	1°24'47	18°49	15°23	4°50	18°59	9°46	3°53	1°54	16°36	12°56	8° 6	6°57	20°33	3°33	W25
T 26	20 12 40	2°22'08	2♉28	17° 8	6° 2	19°38	9°58	3°52	1°53	16°38	12°57	8°D 5	6°53	20°40	3°34	T 26
F 27	20 16 36	3°19'30	15°42	18°58	7°15	20°17	10° 9	3°51	1°52	16°39	12°58	8° 6	6°50	20°47	3°35	F 27
S 28	20 20 33	4°16'54	28°36	20°50	8°27	20°56	10°21	3°50	1°52	16°41	12°59	8° 7	6°47	20°53	3°35	S 28
S 29	20 24 29	5°14'18	11♊11	22°45	9°40	21°35	10°32	3°49	1°51	16°43	13° 0	8° 8	6°44	21° 0	3°36	S 29
M30	20 28 26	6°11'44	23°31	24°42	10°52	22°14	10°44	3°48	1°50	16°44	13° 2	8°10	6°41	21° 7	3°36	M30
T 31	20 32 22	7♒ 9'10	5♋39	26♋41	12♋ 5	22♋53	10♍56	3♈46	1♐50	16♊46	13♎ 3	8°R11	6♑38	21♒13	3♉37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n12	23n36	3n10	18n46	4s39	19n51	1s32	24n12	0n46	10n31	1n 7	0s38	2s19	20s34	0n 7	21n19	1s24	10n49	17n12	23s13	23s13	12n22	12n14	0s19
M 2	23 8	24 41	2 10	18 49	4 35	20 5	1 30	24 11	0 46	10 28	1 7	0 38	2 20	20 34	0 7	21 20	1 24	10 49	17 11	23 13	23 13	12 19	12 14	0 19
T 3	23 4	24 31	1 5	18 54	4 30	20 18	1 28	24 10	0 46	10 24	1 7	0 37	2 20	20 33	0 7	21 20	1 24	10 48	17 11	23 13	23 14	12 16	12 15	0 19
W 4	22 59	23 9	0s 2	19 0	4 24	20 31	1 26	24 9	0 47	10 20	1 6	0 37	2 20	20 33	0 7	21 20	1 24	10 47	17 10	23 13	23 14	12 14	12 16	0 19
T 5	22 54	20 45	1 8	19 7	4 17	20 44	1 24	24 8	0 47	10 17	1 6	0 37	2 21	20 33	0 7	21 20	1 24	10 47	17 10	23 13	23 14	12 11	12 16	0 19
F 6	22 49	17 28	2 11	19 16	4 9	20 56	1 21	24 7	0 48	10 13	1 6	0 37	2 21	20 32	0 7	21 20	1 24	10 46	17 9	23 13	23 14	12 8	12 17	0 19
S 7	22 43	13 31	3 8	19 25	4 0	21 7	1 19	24 5	0 48	10 9	1 6	0 37	2 21	20 32	0 7	21 21	1 24	10 45	17 8	23 13	23 14	12 6	12 17	0 19
S 8	22 36	9 3	3 56	19 36	3 50	21 18	1 17	24 3	0 49	10 5	1 6	0 37	2 21	20 32	0 7	21 21	1 24	10 45	17 8	23 13	23 15	12 3	12 18	0 19
M 9	22 30	4 17	4 34	19 47	3 39	21 28	1 14	24 1	0 49	10 1	1 6	0 37	2 22	20 31	0 7	21 21	1 24	10 44	17 7	23 13	23 15	12 0	12 18	0 19
T 10	22 23	0s40	5 1	19 59	3 28	21 38	1 12	23 59	0 50	9 57	1 6	0 37	2 22	20 31	0 7	21 21	1 24	10 43	17 7	23 13	23 15	11 58	12 19	0 19
W11	22 15	5 39	5 15	20 12	3 16	21 47	1 9	23 57	0 50	9 53	1 6	0 37	2 22	20 31	0 7	21 21	1 24	10 42	17 6	23 13	23 15	11 55	12 19	0 20
T 12	22 7	10 30	5 15	20 25	3 3	21 56	1 7	23 54	0 50	9 49	1 6	0 37	2 22	20 31	0 7	21 22	1 24	10 42	17 6	23 13	23 15	11 52	12 19	0 20
F 13	21 59	15 2	5 0	20 38	2 50	22 4	1 4	23 51	0 51	9 45	1 6	0 37	2 23	20 30	0 7	21 22	1 24	10 41	17 5	23 13	23 15	11 50	12 20	0 20
S 14	21 51	19 1	4 30	20 51	2 37	22 11	1 1	23 48	0 51	9 41	1 5	0 37	2 23	20 30	0 7	21 22	1 24	10 40	17 5	23 13	23 16	11 47	12 20	0 20
S 15	21 42	22 11	3 45	21 5	2 23	22 18	0 59	23 45	0 52	9 37	1 5	0 37	2 23	20 30	0 7	21 22	1 24	10 39	17 4	23 13	23 16	11 44	12 21	0 20
M16	21 32	24 11	2 46	21 17	2 9	22 24	0 56	23 42	0 52	9 33	1 5	0 37	2 24	20 30	0 7	21 22	1 24	10 39	17 3	23 13	23 16	11 42	12 21	0 20
T 17	21 23	24 44	1 35	21 30	1 55	22 30	0 54	23 38	0 52	9 29	1 5	0 38	2 24	20 29	0 7	21 22	1 24	10 38	17 3	23 13	23 16	11 39	12 21	0 20
W18	21 13	23 38	0 16	21 42	1 41	22 35	0 51	23 34	0 53	9 25	1 5	0 38	2 24	20 29	0 7	21 23	1 24	10 37	17 2	23 13	23 16	11 36	12 22	0 20
T 19	21 2	20 52	1n 6	21 53	1 27	22 39	0 48	23 30	0 53	9 21	1 5	0 38	2 24	20 29	0 7	21 23	1 25	10 36	17 2	23 13	23 17	11 33	12 22	0 20
F 20	20 52	16 39	2 24	22 3	1 13	22 43	0 45	23 26	0 54	9 16	1 5	0 39	2 25	20 29	0 7	21 23	1 25	10 35	17 1	23 13	23 17	11 31	12 22	0 20
S 21	20 40	11 20	3 32	22 11	0 59	22 46	0 43	23 22	0 54	9 12	1 5	0 39	2 25	20 28	0 7	21 23	1 25	10 35	17 1	23 13	23 17	11 28	12 23	0 21
S 22	20 29	5 24	4 25	22 19	0 45	22 48	0 40	23 17	0 54	9 8	1 5	0 40	2 25	20 28	0 7	21 23	1 25	10 34	17 0	23 13	23 17	11 25	12 23	0 21
M23	20 17	0n45	5 0	22 24	0 32	22 50	0 37	23 13	0 55	9 4	1 5	0 40	2 26	20 28	0 7	21 23	1 25	10 33	17 0	23 13	23 17	11 23	12 23	0 21
T 24	20 5	6 42	5 14	22 28	0 18	22 51	0 34	23 8	0 55	8 59	1 5	0 41	2 26	20 28	0 7	21 24	1 25	10 32	16 59	23 14	23 17	11 20	12 23	0 21
W25	19 52	12 9	5 9	22 30	0 6	22 52	0 32	23 3	0 56	8 55	1 5	0 41	2 26	20 28	0 7	21 24	1 25	10 31	16 59	23 14	23 18	11 17	12 23	0 21
T 26	19 40	16 50	4 47	22 29	0n 7	22 51	0 29	22 58	0 56	8 51	1 5	0 42	2 26	20 28	0 7	21 24	1 25	10 30	16 58	23 14	23 18	11 15	12 24	0 21
F 27	19 26	20 33	4 10	22 26	0 19	22 50	0 26	22 52	0 56	8 46	1 5	0 42	2 27	20 27	0 7	21 24	1 25	10 29	16 58	23 14	23 18	11 12	12 24	0 21
S 28	19 13	23 8	3 21	22 21	0 30	22 49	0 23	22 47	0 57	8 42	1 4	0 43	2 27	20 27	0 7	21 24	1 25	10 28	16 57	23 14	23 18	11 9	12 24	0 21
S 29	18 59	24 31	2 23	22 13	0 40	22 47	0 21	22 41	0 57	8 37	1 4	0 44	2 27	20 27	0 7	21 24	1 25	10 28	16 57	23 13	23 18	11 6	12 24	0 21
M30	18 45	24 39	1 20	22 2	0 50	22 44	0 18	22 35	0 58	8 33	1 4	0 45	2 27	20 27	0 7	21 24	1 25	10 27	16 56	23 13	23 18	11 4	12 24	0 22
T 31	18n31	23n35	0n14	21n49	0n59	22n41	0s15	22n29	0n58	8n28	1n 4	0s45	2s28	20s27	0n 7	21n24	1s25	10n26	16n56	23s13	23s19	11n 1	12n24	0s22

Julian Day Number = 2353475.5, Delta T = 11.44 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'31, Lahiri = 20°06'31Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1731
geocentric

AUGUST 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 36 19	8♌ 6'38	17♋40	28♋42	13♋17	23♋32	11♍ 8	3°R45	1°R49	16♊48	13♎ 4	8°R10	6♑34	21♌20	3♉37	W 1
T 2	20 40 15	9° 4'07	29°34	0♌44	14°30	24°11	11°19	3♈43	1♐49	16°49	13° 5	8♑ 8	6°31	21°27	3°38	T 2
F 3	20 44 12	10° 1'37	11♌25	2°48	15°43	24°50	11°31	3°41	1°48	16°51	13° 7	8° 5	6°28	21°33	3°38	F 3
S 4	20 48 9	10°59'08	23°14	4°51	16°56	25°29	11°43	3°39	1°48	16°52	13° 8	8° 0	6°25	21°40	3°38	S 4
S 5	20 52 5	11°56'39	5♍ 4	6°55	18° 8	26° 8	11°55	3°38	1°48	16°54	13° 9	7°54	6°22	21°47	3°39	S 5
M 6	20 56 2	12°54'12	16°57	9° 0	19°21	26°47	12° 7	3°36	1°47	16°55	13°11	7°48	6°18	21°53	3°39	M 6
T 7	20 59 58	13°51'46	28°54	11° 3	20°34	27°25	12°19	3°33	1°47	16°56	13°12	7°42	6°15	22° 0	3°39	T 7
W 8	21 3 55	14°49'21	10♎58	13° 7	21°47	28° 4	12°32	3°31	1°47	16°58	13°14	7°37	6°12	22° 7	3°R39	W 8
T 9	21 7 51	15°46'56	23°14	15°10	23° 0	28°43	12°44	3°29	1°47	16°59	13°15	7°33	6° 9	22°14	3°39	T 9
F 10	21 11 48	16°44'33	5♏43	17°12	24°13	29°22	12°56	3°27	1°47	17° 0	13°17	7°31	6° 6	22°20	3°39	F 10
S 11	21 15 44	17°42'11	18°30	19°13	25°26	0♌ 0	13° 8	3°24	1°D47	17° 2	13°18	7°D30	6° 3	22°27	3°39	S 11
S 12	21 19 41	18°39'49	1♐39	21°13	26°39	0°39	13°21	3°22	1°47	17° 3	13°20	7°31	5°59	22°34	3°38	S 12
M13	21 23 38	19°37'29	15°13	23°11	27°52	1°17	13°33	3°19	1°47	17° 4	13°21	7°32	5°56	22°40	3°38	M13
T 14	21 27 34	20°35'10	29°13	25° 9	29° 5	1°56	13°45	3°16	1°47	17° 5	13°23	7°33	5°53	22°47	3°38	T 14
W15	21 31 31	21°32'52	13♑40	27° 5	0♌19	2°35	13°58	3°13	1°47	17° 7	13°24	7°R33	5°50	22°54	3°37	W15
T 16	21 35 27	22°30'35	28°30	29° 0	1°32	3°13	14°10	3°10	1°47	17° 8	13°26	7°32	5°47	23° 0	3°37	T 16
F 17	21 39 24	23°28'19	13♒38	0♍54	2°45	3°52	14°23	3° 8	1°48	17° 9	13°28	7°28	5°44	23° 7	3°37	F 17
S 18	21 43 20	24°26'04	28°55	2°46	3°59	4°30	14°35	3° 4	1°48	17°10	13°30	7°22	5°40	23°14	3°36	S 18
S 19	21 47 17	25°23'51	14♓10	4°37	5°12	5° 8	14°48	3° 1	1°48	17°11	13°31	7°16	5°37	23°20	3°35	S 19
M20	21 51 13	26°21'39	29°13	6°26	6°25	5°47	15° 0	2°58	1°49	17°12	13°33	7° 8	5°34	23°27	3°35	M20
T 21	21 55 10	27°19'29	13♈54	8°15	7°39	6°25	15°13	2°55	1°49	17°13	13°35	7° 2	5°31	23°34	3°34	T 21
W22	21 59 7	28°17'21	28° 8	10° 1	8°52	7° 4	15°26	2°51	1°50	17°14	13°37	6°56	5°28	23°40	3°33	W22
T 23	22 3 3	29°15'15	11♉53	11°47	10° 6	7°42	15°38	2°48	1°51	17°15	13°38	6°53	5°24	23°47	3°32	T 23
F 24	22 7 0	0♍13'10	25°10	13°31	11°20	8°20	15°51	2°45	1°51	17°16	13°40	6°D51	5°21	23°54	3°32	F 24
S 25	22 10 56	1°11'08	8♊ 1	15°14	12°33	8°58	16° 4	2°41	1°52	17°17	13°42	6°51	5°18	24° 1	3°31	S 25
S 26	22 14 53	2° 9'07	20°31	16°56	13°47	9°37	16°16	2°37	1°53	17°18	13°44	6°52	5°15	24° 7	3°30	S 26
M27	22 18 49	3° 7'08	2♋44	18°36	15° 1	10°15	16°29	2°34	1°53	17°19	13°46	6°R53	5°12	24°14	3°29	M27
T 28	22 22 46	4° 5'11	14°45	20°15	16°15	10°53	16°42	2°30	1°54	17°19	13°48	6°53	5° 9	24°21	3°27	T 28
W29	22 26 42	5° 3'16	26°39	21°53	17°28	11°31	16°55	2°26	1°55	17°20	13°50	6°51	5° 5	24°27	3°26	W29
T 30	22 30 39	6° 1'22	8♌29	23°29	18°42	12° 9	17° 8	2°22	1°56	17°21	13°52	6°46	5° 2	24°34	3°25	T 30
F 31	22 34 36	6♍59'31	20♌17	25♍ 4	19♌56	12♌48	17♍21	2♈18	1♐57	17♊22	13♎54	6♑39	4♑59	24♌41	3♉24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n16	21n27	0s52	21n33	1n 8	22n36	0s12	22n23	0n58	8n24	1n 4	0s46	2s28	20s27	0n 7	21n25	1s25	10n25	16n55	23s13	23s19	10n58	12n24	0s22
T 2	18 1	18 24	1 54	21 15	1 15	22 32	0 9	22 16	0 59	8 19	1 4	0 47	2 28	20 27	0 7	21 25	1 25	10 24	16 55	23 13	23 19	10 56	12 24	0 22
F 3	17 46	14 38	2 52	20 53	1 22	22 26	0 7	22 10	0 59	8 14	1 4	0 48	2 28	20 27	0 7	21 25	1 25	10 23	16 54	23 14	23 19	10 53	12 24	0 22
S 4	17 30	10 18	3 41	20 30	1 28	22 20	0 4	22 3	0 59	8 10	1 4	0 49	2 29	20 27	0 7	21 25	1 25	10 22	16 54	23 14	23 19	10 50	12 24	0 22
S 5	17 14	5 36	4 22	20 4	1 33	22 13	0 1	21 56	1 0	8 5	1 4	0 50	2 29	20 27	0 7	21 25	1 25	10 21	16 53	23 14	23 19	10 47	12 24	0 22
M 6	16 58	0 42	4 51	19 35	1 37	22 6	0n 1	21 49	1 0	8 1	1 4	0 51	2 29	20 27	0 7	21 25	1 25	10 20	16 53	23 15	23 19	10 45	12 24	0 22
T 7	16 41	4s15	5 7	19 5	1 40	21 58	0 4	21 42	1 1	7 56	1 4	0 52	2 29	20 27	0 7	21 25	1 25	10 19	16 52	23 15	23 20	10 42	12 24	0 22
W 8	16 25	9 6	5 10	18 33	1 43	21 49	0 7	21 34	1 1	7 51	1 4	0 53	2 30	20 27	0 6	21 25	1 25	10 18	16 52	23 15	23 20	10 39	12 24	0 22
T 9	16 8	13 40	4 59	17 59	1 44	21 40	0 9	21 27	1 1	7 47	1 4	0 54	2 30	20 27	0 6	21 25	1 25	10 17	16 51	23 16	23 20	10 37	12 24	0 23
F 10	15 50	17 45	4 34	17 23	1 46	21 30	0 12	21 19	1 2	7 42	1 4	0 56	2 30	20 27	0 6	21 26	1 25	10 16	16 51	23 16	23 20	10 34	12 24	0 23
S 11	15 33	21 7	3 55	16 46	1 46	21 20	0 15	21 11	1 2	7 37	1 4	0 57	2 30	20 27	0 6	21 26	1 25	10 15	16 50	23 16	23 20	10 31	12 24	0 23
S 12	15 15	23 30	3 2	16 7	1 46	21 8	0 17	21 3	1 2	7 32	1 4	0 58	2 31	20 27	0 6	21 26	1 25	10 14	16 50	23 16	23 20	10 28	12 23	0 23
M13	14 57	24 37	1 58	15 27	1 45	20 57	0 20	20 55	1 3	7 27	1 4	0 59	2 31	20 27	0 6	21 26	1 25	10 13	16 50	23 16	23 20	10 26	12 23	0 23
T 14	14 39	24 13	0 45	14 47	1 43	20 44	0 22	20 47	1 3	7 23	1 4	1 1	2 31	20 27	0 6	21 26	1 25	10 12	16 49	23 16	23 21	10 23	12 23	0 23
W15	14 21	22 13	0n33	14 5	1 41	20 31	0 25	20 38	1 3	7 18	1 4	1 2	2 31	20 27	0 6	21 26	1 25	10 11	16 49	23 16	23 21	10 20	12 23	0 23
T 16	14 2	18 41	1 51	13 23	1 38	20 18	0 27	20 30	1 4	7 13	1 4	1 3	2 32	20 27	0 6	21 26	1 25	10 10	16 48	23 16	23 21	10 18	12 22	0 23
F 17	13 43	13 51	3 2	12 39	1 35	20 3	0 30	20 21	1 4	7 8	1 4	1 5	2 32	20 27	0 6	21 26	1 25	10 9	16 48	23 16	23 21	10 15	12 22	0 23
S 18	13 24	8 6	4 1	11 56	1 32	19 49	0 32	20 12	1 4	7 3	1 4	1 6	2 32	20 27	0 6	21 26	1 25	10 8	16 47	23 16	23 21	10 12	12 22	0 24
S 19	13 4	1 53	4 43	11 12	1 28	19 33	0 35	20 3	1 5	6 58	1 4	1 7	2 32	20 27	0 6	21 26	1 25	10 7	16 47	23 17	23 21	10 9	12 22	0 24
M20	12 45	4n20	5 4	10 27	1 23	19 17	0 37	19 54	1 5	6 54	1 4	1 9	2 32	20 27	0 6	21 26	1 26	10 6	16 47	23 17	23 21	10 7	12 21	0 24
T 21	12 25	10 10	5 5	9 42	1 18	19 1	0 39	19 45	1 5	6 49	1 4	1 10	2 33	20 27	0 6	21 26	1 26	10 5	16 46	23 17	23 22	10 4	12 21	0 24
W22	12 5	15 17	4 47	8 57	1 13	18 44	0 41	19 36	1 6	6 44	1 4	1 12	2 33	20 27	0 6	21 26	1 26	10 4	16 46	23 18	23 22	10 1	12 21	0 24
T 23	11 45	19 25	4 12	8 12	1 8	18 26	0 44	19 26	1 6	6 39	1 4	1 13	2 33	20 28	0 6	21 27	1 26	10 3	16 45	23 18	23 22	9 58	12 20	0 24
F 24	11 25	22 24	3 25	7 27	1 2	18 8	0 46	19 16	1 6	6 34	1 3	1 15	2 33	20 28	0 6	21 27	1 26	10 2	16 45	23 18	23 22	9 56	12 20	0 24
S 25	11 4	24 7	2 29	6 41	0 56	17 50	0 48	19 7	1 7	6 29	1 3	1 17	2 33	20 28	0 6	21 27	1 26	10 1	16 45	23 18	23 22	9 53	12 19	0 24
S 26	10 43	24 35	1 27	5 56	0 49	17 31	0 50	18 57	1 7	6 24	1 3	1 18	2 34	20 28	0 6	21 27	1 26	10 0	16 44	23 18	23 22	9 50	12 19	0 24
M27	10 23	23 49	0 22	5 10	0 43	17 11	0 52	18 47	1 7	6 19	1 3	1 20	2 34	20 28	0 6	21 27	1 26	9 59	16 44	23 18	23 22	9 48	12 18	0 25
T 28	10 2	21 58	0s42	4 25	0 36	16 51	0 54	18 37	1 8	6 14	1 3	1 22	2 34	20 28	0 6	21 27	1 26	9 58	16 44	23 18	23 22	9 45	12 18	0 25
W29	9 40	19 9	1 44	3 40	0 29	16 31	0 56	18 26	1 8	6 9	1 3	1 23	2 34	20 29	0 6	21 27	1 26	9 57	16 43	23 18	23 23	9 42	12 17	0 25
T 30	9 19	15 35	2 41	2 56	0 22	16 9	0 58	18 16	1 8	6 4	1 3	1 25	2 34	20 29	0 6	21 27	1 26	9 56	16 43	23 18	23 23	9 39	12 17	0 25
F 31	8n57	11n25	3s30	2n11	0n15	15n48	1n 0	18n 6	1n 9	5n59	1n 3	1s27	2s34	20s29	0n 6	21n27	1s26	9n55	16n43	23s18	23s23	9n37	12n16	0s25

Julian Day Number = 2353506.5, Delta T = 11.46 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'35, Lahiri = 20°06'35Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

SEPTEMBER 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 38 32	7♍57'41	2♍ 8	26♍38	21♌10	13♌26	17♍33	2°R14	1♐58	17♊22	13♎56	6°R30	4♑56	24♌47	3°R23	S 1
S 2	22 42 29	8°55'53	14° 1	28°11	22°24	14° 4	17°46	2♈10	1°59	17°23	13°58	6♑19	4°53	24°54	3♉21	S 2
M 3	22 46 25	9°54'06	26° 0	29°43	23°38	14°42	17°59	2° 6	2° 0	17°24	14° 0	6° 7	4°49	25° 1	3°20	M 3
T 4	22 50 22	10°52'22	8♎ 4	1♎13	24°52	15°20	18°12	2° 2	2° 2	17°24	14° 2	5°55	4°46	25° 7	3°18	T 4
W 5	22 54 18	11°50'39	20°16	2°42	26° 6	15°58	18°25	1°58	2° 3	17°25	14° 4	5°44	4°43	25°14	3°17	W 5
T 6	22 58 15	12°48'57	2♏38	4°10	27°20	16°36	18°38	1°53	2° 4	17°25	14° 6	5°36	4°40	25°21	3°15	T 6
F 7	23 2 11	13°47'17	15°11	5°37	28°35	17°14	18°51	1°49	2° 6	17°26	14° 8	5°30	4°37	25°28	3°13	F 7
S 8	23 6 8	14°45'39	27°59	7° 2	29°49	17°52	19° 4	1°45	2° 7	17°26	14°10	5°26	4°34	25°34	3°12	S 8
S 9	23 10 5	15°44'03	11♐ 5	8°27	1♍ 3	18°30	19°17	1°40	2° 8	17°27	14°12	5°D25	4°30	25°41	3°10	S 9
M10	23 14 1	16°42'28	24°30	9°49	2°17	19° 7	19°30	1°36	2°10	17°27	14°15	5°25	4°27	25°48	3° 8	M10
T 11	23 17 58	17°40'54	8♑20	11°11	3°31	19°45	19°43	1°31	2°11	17°27	14°17	5°R25	4°24	25°54	3° 6	T 11
W12	23 21 54	18°39'23	22°33	12°31	4°46	20°23	19°56	1°27	2°13	17°28	14°19	5°24	4°21	26° 1	3° 5	W12
T 13	23 25 51	19°37'52	7♒10	13°50	6° 0	21° 1	20° 9	1°22	2°15	17°28	14°21	5°21	4°18	26° 8	3° 3	T 13
F 14	23 29 47	20°36'24	22° 6	15° 7	7°14	21°39	20°22	1°18	2°16	17°28	14°23	5°16	4°15	26°14	3° 1	F 14
S 15	23 33 44	21°34'57	7♓15	16°23	8°29	22°16	20°35	1°13	2°18	17°28	14°26	5° 7	4°11	26°21	2°59	S 15
S 16	23 37 40	22°33'32	22°27	17°37	9°43	22°54	20°48	1° 9	2°20	17°29	14°28	4°57	4° 8	26°28	2°57	S 16
M17	23 41 37	23°32'09	7♈31	18°49	10°58	23°32	21° 1	1° 4	2°22	17°29	14°30	4°46	4° 5	26°34	2°55	M17
T 18	23 45 34	24°30'48	22°17	20° 0	12°12	24° 9	21°14	0°59	2°24	17°29	14°32	4°36	4° 2	26°41	2°52	T 18
W19	23 49 30	25°29'29	6♉37	21° 9	13°27	24°47	21°27	0°55	2°26	17°29	14°35	4°27	3°59	26°48	2°50	W19
T 20	23 53 27	26°28'12	20°29	22°16	14°41	25°25	21°40	0°50	2°27	17°29	14°37	4°20	3°55	26°55	2°48	T 20
F 21	23 57 23	27°26'58	3♊51	23°21	15°56	26° 2	21°53	0°45	2°29	17°R29	14°39	4°16	3°52	27° 1	2°46	F 21
S 22	0 1 20	28°25'46	16°46	24°23	17°11	26°40	22° 6	0°41	2°32	17°29	14°41	4°15	3°49	27° 8	2°43	S 22
S 23	0 5 16	29°24'36	29°17	25°23	18°25	27°17	22°19	0°36	2°34	17°29	14°44	4°14	3°46	27°15	2°41	S 23
M24	0 9 13	0♎23'29	11♋29	26°21	19°40	27°55	22°31	0°31	2°36	17°29	14°46	4°14	3°43	27°21	2°39	M24
T 25	0 13 9	1°22'23	23°29	27°16	20°55	28°32	22°44	0°27	2°38	17°29	14°48	4°13	3°40	27°28	2°36	T 25
W26	0 17 6	2°21'20	5♌21	28° 7	22° 9	29°10	22°57	0°22	2°40	17°29	14°51	4°10	3°36	27°35	2°34	W26
T 27	0 21 3	3°20'20	17°10	28°56	23°24	29°47	23°10	0°17	2°42	17°28	14°53	4° 5	3°33	27°41	2°31	T 27
F 28	0 24 59	4°19'21	28°59	29°40	24°39	0♍25	23°23	0°13	2°45	17°28	14°55	3°56	3°30	27°48	2°29	F 28
S 29	0 28 56	5°18'25	10♍53	0♏21	25°54	1° 2	23°36	0° 8	2°47	17°28	14°58	3°45	3°27	27°55	2°26	S 29
S 30	0 32 52	6♎17'30	22♍52	0♏58	27♍ 9	1♍39	23♍49	0♈ 3	2♐49	17♊28	15♎ 0	3♑32	3♑24	28♌ 1	2♉24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n36	6n50	4s11	1n27	0n 7	15n26	1n 1	17n55	1n 9	5n54	1n 3	1s28	2s35	20s29	0n 6	21n27	1s26	9n54	16n42	23s19	23s23	9n34	12n16	0s25
S 2	8 14	1 59	4 40	0 43	0s 1	15 4	1 3	17 44	1 9	5 49	1 3	1 30	2 35	20 29	0 6	21 27	1 26	9 53	16 42	23 19	23 23	9 31	12 15	0 25
M 3	7 52	2s58	4 58	0s 1	0 8	14 41	1 5	17 33	1 9	5 44	1 3	1 32	2 35	20 30	0 6	21 27	1 26	9 52	16 42	23 20	23 23	9 28	12 15	0 25
T 4	7 30	7 50	5 2	0 44	0 16	14 18	1 6	17 22	1 10	5 39	1 3	1 34	2 35	20 30	0 6	21 27	1 26	9 51	16 42	23 21	23 23	9 26	12 14	0 25
W 5	7 8	12 27	4 53	1 27	0 24	13 54	1 8	17 11	1 10	5 34	1 4	1 35	2 35	20 30	0 6	21 27	1 26	9 50	16 41	23 21	23 23	9 23	12 14	0 26
T 6	6 46	16 38	4 30	2 9	0 32	13 30	1 10	17 0	1 10	5 29	1 4	1 37	2 35	20 30	0 6	21 27	1 26	9 49	16 41	23 21	23 24	9 20	12 13	0 26
F 7	6 23	20 8	3 54	2 51	0 40	13 6	1 11	16 49	1 11	5 24	1 4	1 39	2 35	20 31	0 6	21 27	1 26	9 47	16 41	23 22	23 24	9 17	12 12	0 26
S 8	6 1	22 45	3 5	3 32	0 48	12 41	1 12	16 38	1 11	5 18	1 4	1 41	2 36	20 31	0 6	21 27	1 26	9 46	16 40	23 22	23 24	9 15	12 12	0 26
S 9	5 38	24 12	2 5	4 13	0 57	12 16	1 14	16 26	1 11	5 13	1 4	1 43	2 36	20 31	0 6	21 27	1 26	9 45	16 40	23 22	23 24	9 12	12 11	0 26
M10	5 15	24 19	0 58	4 53	1 5	11 50	1 15	16 15	1 12	5 8	1 4	1 45	2 36	20 32	0 6	21 27	1 26	9 44	16 40	23 22	23 24	9 9	12 10	0 26
T 11	4 53	22 57	0n15	5 33	1 13	11 25	1 16	16 3	1 12	5 3	1 4	1 47	2 36	20 32	0 6	21 27	1 26	9 43	16 40	23 22	23 24	9 6	12 9	0 26
W12	4 30	20 7	1 30	6 12	1 21	10 59	1 17	15 51	1 12	4 58	1 4	1 48	2 36	20 32	0 6	21 27	1 26	9 42	16 39	23 22	23 24	9 4	12 9	0 26
T 13	4 7	15 56	2 40	6 50	1 29	10 32	1 18	15 39	1 12	4 53	1 4	1 50	2 36	20 33	0 6	21 27	1 27	9 41	16 39	23 22	23 24	9 1	12 8	0 26
F 14	3 44	10 41	3 40	7 27	1 37	10 6	1 19	15 28	1 13	4 48	1 4	1 52	2 36	20 33	0 6	21 27	1 27	9 40	16 39	23 22	23 24	8 58	12 7	0 27
S 15	3 21	4 44	4 27	8 4	1 45	9 39	1 20	15 15	1 13	4 43	1 4	1 54	2 36	20 33	0 6	21 27	1 27	9 39	16 39	23 23	23 24	8 55	12 6	0 27
S 16	2 57	1n30	4 54	8 40	1 53	9 11	1 21	15 3	1 13	4 38	1 4	1 56	2 36	20 34	0 6	21 27	1 27	9 38	16 39	23 23	23 25	8 53	12 6	0 27
M17	2 34	7 35	5 1	9 15	2 1	8 44	1 22	14 51	1 14	4 33	1 4	1 58	2 36	20 34	0 6	21 27	1 27	9 37	16 38	23 23	23 25	8 50	12 5	0 27
T 18	2 11	13 7	4 47	9 49	2 8	8 16	1 23	14 39	1 14	4 28	1 4	2 0	2 36	20 34	0 6	21 27	1 27	9 36	16 38	23 24	23 25	8 47	12 4	0 27
W19	1 48	17 46	4 15	10 22	2 16	7 48	1 23	14 27	1 14	4 23	1 4	2 2	2 37	20 35	0 6	21 27	1 27	9 35	16 38	23 24	23 25	8 44	12 3	0 27
T 20	1 24	21 16	3 29	10 54	2 23	7 20	1 24	14 14	1 14	4 17	1 4	2 4	2 37	20 35	0 6	21 27	1 27	9 34	16 38	23 24	23 25	8 42	12 2	0 27
F 21	1 1	23 28	2 33	11 25	2 31	6 51	1 25	14 2	1 15	4 12	1 4	2 6	2 37	20 36	0 6	21 27	1 27	9 33	16 38	23 24	23 25	8 39	12 1	0 27
S 22	0 38	24 20	1 31	11 54	2 38	6 23	1 25	13 49	1 15	4 7	1 4	2 7	2 37	20 36	0 6	21 27	1 27	9 32	16 38	23 24	23 25	8 36	12 0	0 27
S 23	0 14	23 55	0 26	12 23	2 44	5 54	1 26	13 36	1 15	4 2	1 4	2 9	2 37	20 36	0 6	21 27	1 27	9 31	16 38	23 24	23 25	8 33	12 0	0 27
M24	0s 9	22 20	0s38	12 50	2 51	5 25	1 26	13 24	1 15	3 57	1 4	2 11	2 37	20 37	0 6	21 26	1 27	9 30	16 37	23 24	23 25	8 31	11 59	0 28
T 25	0 33	19 47	1 40	13 16	2 57	4 56	1 26	13 11	1 16	3 52	1 4	2 13	2 37	20 37	0 6	21 26	1 27	9 29	16 37	23 24	23 25	8 28	11 58	0 28
W26	0 56	16 26	2 37	13 40	3 3	4 26	1 26	12 58	1 16	3 47	1 4	2 15	2 37	20 38	0 6	21 26	1 27	9 28	16 37	23 25	23 26	8 25	11 57	0 28
T 27	1 20	12 27	3 26	14 2	3 8	3 57	1 27	12 45	1 16	3 42	1 4	2 17	2 37	20 38	0 6	21 26	1 27	9 27	16 37	23 25	23 26	8 22	11 56	0 28
F 28	1 43	7 59	4 7	14 23	3 13	3 27	1 27	12 32	1 16	3 37	1 4	2 19	2 37	20 39	0 6	21 26	1 27	9 26	16 37	23 25	23 26	8 20	11 55	0 28
S 29	2 7	3 14	4 36	14 42	3 18	2 58	1 27	12 19	1 17	3 32	1 4	2 21	2 37	20 39	0 6	21 26	1 27	9 25	16 37	23 25	23 26	8 17	11 54	0 28
S 30	2s30	1s41	4s54	14s58	3s21	2n28	1n27	12n 6	1n17	3n27	1n 4	2s23	2s37	20s40	0n 6	21n26	1s27	9n24	16n37	23s26	23s26	8n14	11n53	0s28

Julian Day Number = 2353537.5, Delta T = 11.47 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'39, Lahiri = 20°06'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

OCTOBER 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 36 49	7♎16'38	5♎ 0	1♏30	28♍24	2♍17	24♍ 2	29°R59	2♐52	17°R27	15♎ 2	3°R18	3♑20	28♌ 8	2°R21	M 1
T 2	0 40 45	8°15'48	17°16	1°57	29°38	2°54	24°14	29♓54	2°54	17♊27	15° 5	3♑ 4	3°17	28°15	2♉19	T 2
W 3	0 44 42	9°15'00	29°42	2°19	0♎53	3°31	24°27	29°49	2°57	17°27	15° 7	2°51	3°14	28°22	2°16	W 3
T 4	0 48 38	10°14'14	12♏18	2°34	2° 8	4° 9	24°40	29°45	2°59	17°26	15°10	2°41	3°11	28°28	2°13	T 4
F 5	0 52 35	11°13'30	25° 4	2°44	3°23	4°46	24°53	29°40	3° 2	17°26	15°12	2°33	3° 8	28°35	2°10	F 5
S 6	0 56 31	12°12'47	8♐ 1	2°R46	4°38	5°23	25° 5	29°36	3° 5	17°25	15°14	2°29	3° 5	28°42	2° 8	S 6
S 7	1 0 28	13°12'07	21°12	2°41	5°53	6° 0	25°18	29°31	3° 7	17°25	15°17	2°27	3° 1	28°48	2° 5	S 7
M 8	1 4 25	14°11'28	4♑38	2°28	7° 8	6°37	25°31	29°27	3°10	17°24	15°19	2°D27	2°58	28°55	2° 2	M 8
T 9	1 8 21	15°10'52	18°22	2° 7	8°23	7°14	25°43	29°22	3°13	17°24	15°22	2°R27	2°55	29° 2	1°59	T 9
W10	1 12 18	16°10'16	2♒23	1°38	9°38	7°51	25°56	29°18	3°16	17°23	15°24	2°26	2°52	29° 8	1°56	W10
T 11	1 16 14	17° 9'43	16°43	1° 1	10°53	8°29	26° 9	29°14	3°18	17°22	15°26	2°23	2°49	29°15	1°54	T 11
F 12	1 20 11	18° 9'11	1♓19	0°15	12° 8	9° 6	26°21	29° 9	3°21	17°22	15°29	2°18	2°46	29°22	1°51	F 12
S 13	1 24 7	19° 8'41	16° 7	29♎21	13°23	9°43	26°34	29° 5	3°24	17°21	15°31	2°10	2°42	29°29	1°48	S 13
S 14	1 28 4	20° 8'13	0♈59	28°21	14°38	10°20	26°46	29° 1	3°27	17°20	15°33	2° 0	2°39	29°35	1°45	S 14
M15	1 32 0	21° 7'47	15°47	27°14	15°54	10°57	26°58	28°57	3°30	17°19	15°36	1°49	2°36	29°42	1°42	M15
T 16	1 35 57	22° 7'23	0♉23	26° 3	17° 9	11°33	27°11	28°53	3°33	17°19	15°38	1°38	2°33	29°49	1°39	T 16
W17	1 39 54	23° 7'00	14°38	24°49	18°24	12°10	27°23	28°48	3°36	17°18	15°41	1°29	2°30	29°55	1°36	W17
T 18	1 43 50	24° 6'41	28°29	23°34	19°39	12°47	27°35	28°44	3°39	17°17	15°43	1°23	2°26	0♍ 2	1°33	T 18
F 19	1 47 47	25° 6'23	11♊53	22°20	20°54	13°24	27°48	28°40	3°42	17°16	15°45	1°18	2°23	0° 9	1°30	F 19
S 20	1 51 43	26° 6'07	24°51	21°11	22° 9	14° 1	28° 0	28°37	3°45	17°15	15°48	1°17	2°20	0°15	1°27	S 20
S 21	1 55 40	27° 5'54	7♋25	20° 7	23°24	14°38	28°12	28°33	3°48	17°14	15°50	1°D17	2°17	0°22	1°24	S 21
M22	1 59 36	28° 5'43	19°41	19°11	24°40	15°14	28°24	28°29	3°51	17°13	15°52	1°17	2°14	0°29	1°21	M22
T 23	2 3 33	29° 5'34	1♌43	18°24	25°55	15°51	28°36	28°25	3°54	17°12	15°55	1°R18	2°11	0°36	1°18	T 23
W24	2 7 29	0♏ 5'28	13°36	17°47	27°10	16°28	28°48	28°22	3°58	17°11	15°57	1°16	2° 7	0°42	1°15	W24
T 25	2 11 26	1° 5'23	25°26	17°22	28°25	17° 5	29° 0	28°18	4° 1	17°10	15°59	1°13	2° 4	0°49	1°12	T 25
F 26	2 15 23	2° 5'21	7♍17	17° 8	29°41	17°41	29°12	28°15	4° 4	17° 9	16° 2	1° 8	2° 1	0°56	1° 9	F 26
S 27	2 19 19	3° 5'21	19°14	17°D 6	0♏56	18°18	29°24	28°11	4° 7	17° 8	16° 4	1° 0	1°58	1° 2	1° 6	S 27
S 28	2 23 16	4° 5'22	1♎20	17°15	2°11	18°54	29°36	28° 8	4°11	17° 7	16° 6	0°50	1°55	1° 9	1° 3	S 28
M29	2 27 12	5° 5'26	13°37	17°34	3°26	19°31	29°47	28° 5	4°14	17° 6	16° 9	0°39	1°52	1°16	1° 0	M29
T 30	2 31 9	6° 5'32	26° 6	18° 3	4°42	20° 8	29°59	28° 1	4°17	17° 5	16°11	0°29	1°48	1°22	0°57	T 30
W31	2 35 5	7♏ 5'40	8♏49	18♎41	5♏57	20♍44	0♎11	27♓58	4♐21	17♊ 3	16♎13	0♑19	1♑45	1♍29	0♉54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s54	6s34	4s59	15s13	3s25	1n58	1n27	11n53	1n17	3n22	1n 4	2s24	2s37	20s40	0n 6	21n26	1s27	9n23	16n37	23s26	23s26	8n11	11n52	0s28
T 2	3 17	11 16	4 51	15 24	3 27	1 28	1 26	11 40	1 17	3 17	1 5	2 26	2 37	20 41	0 6	21 26	1 27	9 23	16 37	23 26	23 26	8 8	11 51	0 28
W 3	3 40	15 33	4 28	15 34	3 29	0 58	1 26	11 26	1 18	3 12	1 5	2 28	2 37	20 41	0 6	21 26	1 27	9 22	16 37	23 27	23 26	8 6	11 50	0 28
T 4	4 4	19 13	3 52	15 40	3 30	0 28	1 26	11 13	1 18	3 7	1 5	2 30	2 37	20 42	0 6	21 26	1 27	9 21	16 37	23 27	23 26	8 3	11 49	0 29
F 5	4 27	22 2	3 4	15 43	3 29	0s 2	1 25	10 59	1 18	3 2	1 5	2 32	2 37	20 42	0 6	21 26	1 27	9 20	16 37	23 27	23 26	8 0	11 48	0 29
S 6	4 50	23 44	2 5	15 42	3 28	0 33	1 25	10 46	1 18	2 57	1 5	2 33	2 37	20 43	0 6	21 26	1 27	9 19	16 37	23 27	23 26	7 57	11 47	0 29
S 7	5 13	24 10	0 59	15 38	3 25	1 3	1 25	10 32	1 19	2 52	1 5	2 35	2 37	20 43	0 6	21 26	1 27	9 18	16 37	23 27	23 26	7 55	11 46	0 29
M 8	5 36	23 12	0n12	15 30	3 21	1 33	1 24	10 19	1 19	2 47	1 5	2 37	2 37	20 44	0 6	21 25	1 28	9 17	16 36	23 27	23 26	7 52	11 45	0 29
T 9	5 59	20 50	1 23	15 17	3 16	2 3	1 23	10 5	1 19	2 42	1 5	2 39	2 37	20 44	0 6	21 25	1 28	9 16	16 37	23 27	23 27	7 49	11 44	0 29
W10	6 22	17 12	2 31	15 1	3 9	2 33	1 23	9 52	1 19	2 37	1 5	2 40	2 37	20 45	0 6	21 25	1 28	9 15	16 37	23 27	23 27	7 46	11 43	0 29
T 11	6 45	12 29	3 32	14 39	3 0	3 4	1 22	9 38	1 20	2 32	1 5	2 42	2 36	20 45	0 6	21 25	1 28	9 14	16 37	23 27	23 27	7 44	11 41	0 29
F 12	7 8	6 59	4 19	14 13	2 49	3 34	1 21	9 24	1 20	2 27	1 5	2 44	2 36	20 46	0 6	21 25	1 28	9 14	16 37	23 27	23 27	7 41	11 40	0 29
S 13	7 30	1 2	4 50	13 42	2 37	4 4	1 20	9 11	1 20	2 22	1 5	2 45	2 36	20 47	0 6	21 25	1 28	9 13	16 37	23 27	23 27	7 38	11 39	0 29
S 14	7 53	5n 0	5 2	13 7	2 22	4 34	1 19	8 57	1 20	2 17	1 6	2 47	2 36	20 47	0 6	21 25	1 28	9 12	16 37	23 28	23 27	7 35	11 38	0 30
M15	8 15	10 43	4 53	12 28	2 6	5 3	1 18	8 43	1 20	2 12	1 6	2 48	2 36	20 48	0 6	21 25	1 28	9 11	16 37	23 28	23 27	7 33	11 37	0 30
T 16	8 38	15 45	4 25	11 46	1 49	5 33	1 17	8 29	1 21	2 8	1 6	2 50	2 36	20 48	0 6	21 25	1 28	9 10	16 37	23 28	23 27	7 30	11 36	0 30
W17	9 0	19 46	3 41	11 1	1 30	6 3	1 16	8 15	1 21	2 3	1 6	2 52	2 36	20 49	0 5	21 25	1 28	9 9	16 37	23 28	23 27	7 27	11 35	0 30
T 18	9 22	22 32	2 45	10 15	1 10	6 32	1 15	8 1	1 21	1 58	1 6	2 53	2 36	20 49	0 5	21 24	1 28	9 9	16 37	23 28	23 27	7 24	11 34	0 30
F 19	9 44	23 55	1 41	9 28	0 49	7 2	1 14	7 47	1 21	1 53	1 6	2 55	2 36	20 50	0 5	21 24	1 28	9 8	16 37	23 28	23 27	7 21	11 33	0 30
S 20	10 6	23 57	0 34	8 43	0 29	7 31	1 12	7 33	1 22	1 48	1 6	2 56	2 36	20 51	0 5	21 24	1 28	9 7	16 37	23 28	23 27	7 19	11 32	0 30
S 21	10 27	22 43	0s33	8 0	0 8	8 0	1 11	7 19	1 22	1 44	1 6	2 57	2 36	20 51	0 5	21 24	1 28	9 6	16 37	23 28	23 27	7 16	11 30	0 30
M22	10 49	20 26	1 37	7 20	0n12	8 29	1 10	7 5	1 22	1 39	1 6	2 59	2 35	20 52	0 5	21 24	1 28	9 5	16 37	23 28	23 27	7 13	11 29	0 30
T 23	11 10	17 17	2 35	6 45	0 30	8 58	1 8	6 51	1 22	1 34	1 6	3 0	2 35	20 52	0 5	21 24	1 28	9 5	16 37	23 28	23 27	7 10	11 28	0 30
W24	11 31	13 29	3 26	6 15	0 48	9 26	1 7	6 37	1 22	1 30	1 7	3 2	2 35	20 53	0 5	21 24	1 28	9 4	16 38	23 28	23 27	7 8	11 27	0 31
T 25	11 52	9 10	4 8	5 51	1 4	9 55	1 5	6 23	1 23	1 25	1 7	3 3	2 35	20 54	0 5	21 24	1 28	9 3	16 38	23 28	23 27	7 5	11 26	0 31
F 26	12 13	4 32	4 39	5 32	1 18	10 23	1 4	6 9	1 23	1 20	1 7	3 4	2 35	20 54	0 5	21 23	1 28	9 2	16 38	23 28	23 28	7 2	11 25	0 31
S 27	12 34	0s18	4 58	5 19	1 31	10 51	1 2	5 54	1 23	1 16	1 7	3 5	2 35	20 55	0 5	21 23	1 28	9 2	16 38	23 28	23 28	6 59	11 24	0 31
S 28	12 54	5 11	5 5	5 13	1 42	11 18	1 0	5 40	1 23	1 11	1 7	3 7	2 35	20 55	0 5	21 23	1 28	9 1	16 38	23 28	23 28	6 57	11 23	0 31
M29	13 14	9 56	4 57	5 12	1 51	11 46	0 59	5 26	1 23	1 7	1 7	3 8	2 35	20 56	0 5	21 23	1 28	9 0	16 38	23 28	23 28	6 54	11 21	0 31
T 30	13 34	14 22	4 35	5 16	1 58	12 13	0 57	5 12	1 24	1 2	1 7	3 9	2 34	20 57	0 5	21 23	1 28	9 0	16 39	23 28	23 28	6 51	11 20	0 31
W31	13s54	18s14	3s59	5s25	2n 4	12s39	0n55	4n58	1n24	0n58	1n 7	3s10	2s34	20s57	0n 5	21n23	1s28	8n59	16n39	23s28	23s28	6n48	11n19	0s31

Julian Day Number = 2353567.5, Delta T = 11.48 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'43, Lahiri = 20°06'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

NOVEMBER 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 2	8♏ 5'50	21♏44	19♎28	7♏12	21♍21	0♎22	27°R55	4♐24	17°R 2	16♎15	0°R11	1♉42	1♍36	0°R51	T 1
F 2	2 42 58	9° 6'01	4♐50	20°21	8°28	21°57	0°34	27♓52	4°27	17♊ 1	16°18	0♉ 6	1°39	1°43	0♉48	F 2
S 3	2 46 55	10° 6'14	18° 8	21°21	9°43	22°33	0°45	27°49	4°31	17° 0	16°20	0° 3	1°36	1°49	0°45	S 3
S 4	2 50 52	11° 6'29	1♉37	22°27	10°58	23°10	0°56	27°47	4°34	16°58	16°22	0°D 2	1°32	1°56	0°43	S 4
M 5	2 54 48	12° 6'46	15°16	23°38	12°14	23°46	1° 8	27°44	4°38	16°57	16°24	0° 3	1°29	2° 3	0°40	M 5
T 6	2 58 45	13° 7'04	29° 5	24°52	13°29	24°22	1°19	27°41	4°41	16°56	16°27	0° 4	1°26	2° 9	0°37	T 6
W 7	3 2 41	14° 7'23	13♒ 4	26°11	14°44	24°59	1°30	27°39	4°45	16°54	16°29	0°R 5	1°23	2°16	0°34	W 7
T 8	3 6 38	15° 7'43	27°14	27°32	16° 0	25°35	1°41	27°36	4°48	16°53	16°31	0° 4	1°20	2°23	0°31	T 8
F 9	3 10 34	16° 8'05	11♓31	28°56	17°15	26°11	1°52	27°34	4°52	16°52	16°33	0° 2	1°17	2°30	0°28	F 9
S 10	3 14 31	17° 8'29	25°54	0♏22	18°30	26°47	2° 3	27°32	4°55	16°50	16°35	29♐57	1°13	2°36	0°25	S 10
S 11	3 18 27	18° 8'53	10♈19	1°49	19°46	27°23	2°14	27°30	4°59	16°49	16°37	29°51	1°10	2°43	0°22	S 11
M12	3 22 24	19° 9'19	24°40	3°18	21° 1	27°59	2°25	27°28	5° 2	16°47	16°39	29°45	1° 7	2°50	0°20	M12
T 13	3 26 21	20° 9'47	8♉51	4°49	22°16	28°35	2°35	27°26	5° 6	16°46	16°41	29°38	1° 4	2°56	0°17	T 13
W14	3 30 17	21°10'16	22°47	6°20	23°32	29°11	2°46	27°24	5°10	16°44	16°44	29°33	1° 1	3° 3	0°14	W14
T 15	3 34 14	22°10'47	6♊25	7°52	24°47	29°47	2°56	27°22	5°13	16°43	16°46	29°29	0°58	3°10	0°11	T 15
F 16	3 38 10	23°11'19	19°41	9°25	26° 3	0♎23	3° 7	27°21	5°17	16°41	16°48	29°26	0°54	3°16	0° 9	F 16
S 17	3 42 7	24°11'54	2♋36	10°58	27°18	0°59	3°17	27°19	5°21	16°40	16°50	29°D26	0°51	3°23	0° 6	S 17
S 18	3 46 3	25°12'29	15°11	12°32	28°33	1°35	3°27	27°18	5°24	16°38	16°52	29°27	0°48	3°30	0° 3	S 18
M19	3 50 0	26°13'07	27°28	14° 6	29°49	2°11	3°37	27°16	5°28	16°37	16°54	29°29	0°45	3°37	0° 1	M19
T 20	3 53 56	27°13'46	9♌33	15°40	1♐ 4	2°46	3°47	27°15	5°31	16°35	16°56	29°31	0°42	3°43	29♈58	T 20
W21	3 57 53	28°14'26	21°28	17°14	2°19	3°22	3°57	27°14	5°35	16°34	16°57	29°32	0°38	3°50	29°56	W21
T 22	4 1 50	29°15'09	3♍19	18°48	3°35	3°58	4° 7	27°13	5°39	16°32	16°59	29°R32	0°35	3°57	29°53	T 22
F 23	4 5 46	0♐15'52	15°12	20°23	4°50	4°33	4°17	27°12	5°42	16°30	17° 1	29°31	0°32	4° 3	29°50	F 23
S 24	4 9 43	1°16'38	27°10	21°57	6° 6	5° 9	4°27	27°11	5°46	16°29	17° 3	29°28	0°29	4°10	29°48	S 24
S 25	4 13 39	2°17'25	9♎19	23°31	7°21	5°45	4°36	27°11	5°50	16°27	17° 5	29°25	0°26	4°17	29°46	S 25
M26	4 17 36	3°18'13	21°41	25° 6	8°36	6°20	4°45	27°10	5°53	16°25	17° 7	29°20	0°23	4°24	29°43	M26
T 27	4 21 32	4°19'03	4♏20	26°40	9°52	6°56	4°55	27°10	5°57	16°24	17° 9	29°16	0°19	4°30	29°41	T 27
W28	4 25 29	5°19'54	17°16	28°14	11° 7	7°31	5° 4	27° 9	6° 1	16°22	17°10	29°12	0°16	4°37	29°39	W28
T 29	4 29 25	6°20'47	0♐29	29°49	12°23	8° 6	5°13	27° 9	6° 5	16°20	17°12	29° 9	0°13	4°44	29°36	T 29
F 30	4 33 22	7♐21'41	13♐59	1♐23	13♐38	8♎42	5♎22	27♓ 9	6♐ 8	16♊19	17♎14	29♐ 7	0♉10	4♍50	29♈34	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s14	21s17	3s11	5s39	2n 9	13s 6	0n53	4n43	1n24	0n53	1n 7	3s11	2s34	20s58	0n 5	21n23	1s28	8n58	16n39	23s28	23s28	6n45	11n18	0s31
F 2	14 33	23 17	2 11	5 56	2 12	13 32	0 51	4 29	1 24	0 49	1 8	3 12	2 34	20 59	0 5	21 22	1 28	8 58	16 39	23 28	23 28	6 43	11 17	0 31
S 3	14 52	24 0	1 4	6 17	2 13	13 58	0 49	4 15	1 24	0 44	1 8	3 13	2 34	20 59	0 5	21 22	1 28	8 57	16 39	23 28	23 28	6 40	11 16	0 31
S 4	15 11	23 19	0n 8	6 40	2 14	14 23	0 47	4 1	1 25	0 40	1 8	3 14	2 34	21 0	0 5	21 22	1 28	8 57	16 40	23 28	23 28	6 37	11 15	0 31
M 5	15 30	21 15	1 21	7 7	2 14	14 48	0 45	3 47	1 25	0 35	1 8	3 15	2 33	21 1	0 5	21 22	1 28	8 56	16 40	23 28	23 28	6 34	11 14	0 32
T 6	15 48	17 55	2 30	7 35	2 12	15 13	0 43	3 32	1 25	0 31	1 8	3 16	2 33	21 1	0 5	21 22	1 28	8 55	16 40	23 28	23 28	6 32	11 13	0 32
W 7	16 6	13 32	3 31	8 6	2 10	15 38	0 41	3 18	1 25	0 27	1 8	3 17	2 33	21 2	0 5	21 22	1 28	8 55	16 40	23 28	23 28	6 29	11 11	0 32
T 8	16 24	8 23	4 20	8 37	2 8	16 1	0 39	3 4	1 25	0 23	1 8	3 17	2 33	21 2	0 5	21 22	1 28	8 54	16 41	23 28	23 28	6 26	11 10	0 32
F 9	16 41	2 44	4 53	9 10	2 4	16 25	0 37	2 50	1 25	0 18	1 9	3 18	2 33	21 3	0 5	21 21	1 28	8 54	16 41	23 28	23 28	6 23	11 9	0 32
S 10	16 59	3n 5	5 8	9 44	2 0	16 48	0 35	2 35	1 26	0 14	1 9	3 19	2 32	21 4	0 5	21 21	1 29	8 53	16 41	23 28	23 28	6 20	11 8	0 32
S 11	17 16	8 45	5 4	10 19	1 56	17 11	0 33	2 21	1 26	0 10	1 9	3 19	2 32	21 4	0 5	21 21	1 29	8 53	16 42	23 28	23 28	6 18	11 7	0 32
M12	17 32	13 55	4 41	10 54	1 51	17 33	0 30	2 7	1 26	0 6	1 9	3 20	2 32	21 5	0 5	21 21	1 29	8 52	16 42	23 28	23 28	6 15	11 6	0 32
T 13	17 49	18 15	4 0	11 29	1 45	17 55	0 28	1 53	1 26	0 2	1 9	3 21	2 32	21 6	0 5	21 21	1 29	8 52	16 42	23 28	23 28	6 12	11 5	0 32
W14	18 5	21 29	3 6	12 5	1 40	18 16	0 26	1 39	1 26	0s 2	1 9	3 21	2 32	21 6	0 5	21 21	1 29	8 51	16 42	23 28	23 28	6 9	11 4	0 32
T 15	18 20	23 25	2 2	12 40	1 34	18 37	0 24	1 24	1 27	0 6	1 10	3 22	2 31	21 7	0 5	21 20	1 29	8 51	16 43	23 28	23 28	6 7	11 3	0 32
F 16	18 36	23 57	0 53	13 16	1 28	18 57	0 21	1 10	1 27	0 10	1 10	3 22	2 31	21 8	0 5	21 20	1 29	8 50	16 43	23 28	23 28	6 4	11 2	0 32
S 17	18 51	23 10	0s17	13 51	1 21	19 17	0 19	0 56	1 27	0 14	1 10	3 23	2 31	21 8	0 5	21 20	1 29	8 50	16 43	23 28	23 28	6 1	11 1	0 33
S 18	19 6	21 12	1 25	14 26	1 15	19 36	0 17	0 42	1 27	0 18	1 10	3 23	2 31	21 9	0 5	21 20	1 29	8 49	16 44	23 28	23 28	5 58	11 0	0 33
M19	19 20	18 17	2 27	15 0	1 8	19 54	0 14	0 28	1 27	0 22	1 10	3 23	2 31	21 10	0 5	21 20	1 29	8 49	16 44	23 28	23 28	5 55	10 59	0 33
T 20	19 34	14 39	3 22	15 34	1 2	20 12	0 12	0 14	1 27	0 26	1 10	3 24	2 30	21 10	0 5	21 20	1 29	8 49	16 45	23 28	23 28	5 53	10 58	0 33
W21	19 48	10 28	4 7	16 8	0 55	20 30	0 10	0s 0	1 27	0 30	1 11	3 24	2 30	21 11	0 5	21 19	1 29	8 48	16 45	23 28	23 28	5 50	10 57	0 33
T 22	20 1	5 56	4 41	16 41	0 48	20 47	0 7	0 14	1 28	0 33	1 11	3 24	2 30	21 12	0 5	21 19	1 29	8 48	16 45	23 28	23 28	5 47	10 56	0 33
F 23	20 14	1 10	5 4	17 13	0 41	21 3	0 5	0 28	1 28	0 37	1 11	3 24	2 30	21 12	0 5	21 19	1 29	8 48	16 46	23 28	23 28	5 44	10 55	0 33
S 24	20 27	3s40	5 13	17 44	0 34	21 19	0 2	0 42	1 28	0 41	1 11	3 24	2 30	21 13	0 5	21 19	1 29	8 47	16 46	23 28	23 28	5 42	10 54	0 33
S 25	20 39	8 25	5 9	18 15	0 27	21 34	0 0	0 56	1 28	0 44	1 11	3 24	2 29	21 14	0 5	21 19	1 29	8 47	16 46	23 28	23 28	5 39	10 53	0 33
M26	20 51	12 56	4 50	18 45	0 20	21 49	0s 2	1 10	1 28	0 48	1 11	3 24	2 29	21 14	0 5	21 19	1 29	8 47	16 47	23 28	23 28	5 36	10 52	0 33
T 27	21 2	17 0	4 17	19 14	0 13	22 2	0 5	1 24	1 28	0 52	1 12	3 24	2 29	21 15	0 5	21 18	1 29	8 46	16 47	23 28	23 28	5 33	10 51	0 33
W28	21 13	20 22	3 30	19 42	0 6	22 16	0 7	1 38	1 28	0 55	1 12	3 24	2 29	21 16	0 5	21 18	1 29	8 46	16 48	23 28	23 28	5 30	10 51	0 33
T 29	21 24	22 45	2 31	20 9	0s 1	22 28	0 10	1 52	1 29	0 58	1 12	3 24	2 28	21 16	0 5	21 18	1 29	8 46	16 48	23 28	23 28	5 28	10 50	0 33
F 30	21s34	23s52	1s22	20s35	0s 8	22s40	0s12	2s 6	1n29	1s 2	1n12	3s24	2s28	21s17	0n 5	21n18	1s29	8n46	16n49	23s28	23s28	5n25	10n49	0s33

Julian Day Number = 2353598.5, Delta T = 11.50 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'48, Lahiri = 20°06'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1731
geocentric

DECEMBER 1731 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 19	8♐22'35	27♐43	2♐57	14♐54	9♎17	5♎31	27°D 9	6♐12	16°R17	17♎15	29°D 6	0♑ 7	4♍57	29°R32	S 1
S 2	4 41 15	9°23'31	11♑39	4°31	16° 9	9°52	5°40	27♓ 9	6°16	16♊15	17°17	29♐ 7	0° 4	5° 4	29♈30	S 2
M 3	4 45 12	10°24'28	25°43	6° 5	17°24	10°27	5°48	27° 9	6°19	16°14	17°19	29° 8	0° 0	5°11	29°28	M 3
T 4	4 49 8	11°25'25	9♒52	7°40	18°40	11° 2	5°57	27° 9	6°23	16°12	17°20	29° 9	29♐57	5°17	29°26	T 4
W 5	4 53 5	12°26'23	24° 4	9°14	19°55	11°37	6° 5	27°10	6°27	16°10	17°22	29°10	29°54	5°24	29°24	W 5
T 6	4 57 1	13°27'22	8♓16	10°48	21°11	12°12	6°14	27°10	6°30	16° 9	17°24	29°R11	29°51	5°31	29°22	T 6
F 7	5 0 58	14°28'21	22°26	12°22	22°26	12°47	6°22	27°11	6°34	16° 7	17°25	29°11	29°48	5°37	29°20	F 7
S 8	5 4 54	15°29'21	6♈32	13°56	23°41	13°22	6°30	27°12	6°38	16° 5	17°27	29°10	29°44	5°44	29°18	S 8
S 9	5 8 51	16°30'21	20°32	15°30	24°57	13°57	6°38	27°13	6°41	16° 4	17°28	29° 9	29°41	5°51	29°16	S 9
M10	5 12 48	17°31'22	4♉24	17° 5	26°12	14°32	6°46	27°14	6°45	16° 2	17°29	29° 7	29°38	5°58	29°14	M10
T 11	5 16 44	18°32'24	18° 5	18°39	27°27	15° 7	6°53	27°15	6°49	16° 0	17°31	29° 6	29°35	6° 4	29°13	T 11
W12	5 20 41	19°33'26	1♊34	20°14	28°43	15°41	7° 1	27°16	6°52	15°58	17°32	29° 4	29°32	6°11	29°11	W12
T 13	5 24 37	20°34'28	14°49	21°48	29°58	16°16	7° 8	27°17	6°56	15°57	17°34	29° 4	29°29	6°18	29° 9	T 13
F 14	5 28 34	21°35'32	27°48	23°23	1♋14	16°50	7°15	27°18	6°59	15°55	17°35	29°D 3	29°25	6°24	29° 8	F 14
S 15	5 32 30	22°36'36	10♋32	24°58	2°29	17°25	7°22	27°20	7° 3	15°53	17°36	29° 4	29°22	6°31	29° 6	S 15
S 16	5 36 27	23°37'40	23° 0	26°33	3°44	17°59	7°29	27°21	7° 7	15°52	17°38	29° 4	29°19	6°38	29° 5	S 16
M17	5 40 23	24°38'46	5♌15	28° 9	5° 0	18°34	7°36	27°23	7°10	15°50	17°39	29° 5	29°16	6°45	29° 3	M17
T 18	5 44 20	25°39'52	17°19	29°44	6°15	19° 8	7°43	27°25	7°14	15°48	17°40	29° 5	29°13	6°51	29° 2	T 18
W19	5 48 17	26°40'58	29°15	1♋20	7°30	19°42	7°49	27°27	7°17	15°47	17°41	29° 5	29°10	6°58	29° 1	W19
T 20	5 52 13	27°42'06	11♍ 7	2°56	8°46	20°16	7°56	27°29	7°21	15°45	17°42	29° 6	29° 6	7° 5	29° 0	T 20
F 21	5 56 10	28°43'13	23° 0	4°32	10° 1	20°50	8° 2	27°31	7°24	15°43	17°43	29° 6	29° 3	7°11	28°58	F 21
S 22	6 0 6	29°44'22	4♎57	6° 8	11°16	21°24	8° 8	27°33	7°28	15°42	17°44	29° 6	29° 0	7°18	28°57	S 22
S 23	6 4 3	0♑45'31	17° 4	7°44	12°32	21°58	8°14	27°36	7°31	15°40	17°45	29° 6	28°57	7°25	28°56	S 23
M24	6 7 59	1°46'41	29°26	9°21	13°47	22°32	8°20	27°38	7°35	15°38	17°46	29° 6	28°54	7°32	28°55	M24
T 25	6 11 56	2°47'51	12♏ 5	10°58	15° 2	23° 6	8°25	27°40	7°38	15°37	17°47	29° 6	28°50	7°38	28°54	T 25
W26	6 15 52	3°49'02	25° 6	12°35	16°18	23°40	8°31	27°43	7°42	15°35	17°48	29° 7	28°47	7°45	28°54	W26
T 27	6 19 49	4°50'13	8♐30	14°12	17°33	24°13	8°36	27°46	7°45	15°34	17°49	29° 7	28°44	7°52	28°53	T 27
F 28	6 23 46	5°51'24	22°16	15°49	18°48	24°47	8°41	27°49	7°48	15°32	17°50	29°R 8	28°41	7°58	28°52	F 28
S 29	6 27 42	6°52'36	6♑23	17°27	20° 4	25°21	8°46	27°52	7°52	15°30	17°51	29° 8	28°38	8° 5	28°51	S 29
S 30	6 31 39	7°53'47	20°46	19° 4	21°19	25°54	8°51	27°55	7°55	15°29	17°52	29° 7	28°35	8°12	28°51	S 30
M31	6 35 35	8♑54'59	5♒20	20♑41	22♑34	26♎27	8♎56	27♓58	7♐58	15♊27	17♎53	29♐ 6	28♐31	8♍19	28♈50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s44	23s35	0s 8	21s 1	0s14	22s51	0s14	2s19	1n29	1s 5	1n12	3s24	2s28	21s18	0n 5	21n18	1s29	8n45	16n49	23s28	23s28	5n22	10n48	0s34
S 2	21 53	21 49	1n 9	21 25	0 21	23 2	0 17	2 33	1 29	1 8	1 13	3 24	2 28	21 18	0 5	21 18	1 29	8 45	16 49	23 28	23 28	5 19	10 47	0 34
M 3	22 2	18 43	2 22	21 48	0 27	23 12	0 19	2 47	1 29	1 12	1 13	3 23	2 27	21 19	0 5	21 17	1 29	8 45	16 50	23 28	23 28	5 17	10 46	0 34
T 4	22 11	14 29	3 26	22 11	0 34	23 21	0 21	3 0	1 29	1 15	1 13	3 23	2 27	21 19	0 5	21 17	1 29	8 45	16 50	23 28	23 28	5 14	10 46	0 34
W 5	22 19	9 27	4 19	22 32	0 40	23 29	0 24	3 14	1 29	1 18	1 13	3 23	2 27	21 20	0 5	21 17	1 29	8 45	16 51	23 28	23 28	5 11	10 45	0 34
T 6	22 27	3 55	4 55	22 52	0 46	23 37	0 26	3 28	1 29	1 21	1 13	3 22	2 27	21 21	0 5	21 17	1 29	8 45	16 51	23 28	23 28	5 8	10 44	0 34
F 7	22 34	1n48	5 14	23 11	0 52	23 44	0 29	3 41	1 30	1 24	1 14	3 22	2 27	21 21	0 5	21 17	1 29	8 44	16 52	23 28	23 28	5 6	10 43	0 34
S 8	22 41	7 24	5 14	23 28	0 58	23 50	0 31	3 54	1 30	1 27	1 14	3 21	2 26	21 22	0 5	21 17	1 29	8 44	16 52	23 28	23 28	5 3	10 43	0 34
S 9	22 47	12 34	4 55	23 45	1 4	23 56	0 33	4 8	1 30	1 30	1 14	3 21	2 26	21 23	0 5	21 16	1 29	8 44	16 53	23 28	23 28	5 0	10 42	0 34
M10	22 53	17 3	4 18	24 0	1 10	24 1	0 35	4 21	1 30	1 33	1 14	3 20	2 26	21 23	0 5	21 16	1 29	8 44	16 53	23 28	23 28	4 57	10 41	0 34
T 11	22 59	20 34	3 28	24 14	1 15	24 5	0 38	4 35	1 30	1 36	1 15	3 19	2 26	21 24	0 5	21 16	1 29	8 44	16 54	23 28	23 28	4 54	10 41	0 34
W12	23 4	22 54	2 27	24 27	1 20	24 8	0 40	4 48	1 30	1 39	1 15	3 19	2 25	21 24	0 5	21 16	1 29	8 44	16 54	23 28	23 28	4 52	10 40	0 34
T 13	23 8	23 54	1 18	24 39	1 26	24 10	0 42	5 1	1 30	1 41	1 15	3 18	2 25	21 25	0 5	21 16	1 29	8 44	16 55	23 28	23 28	4 49	10 39	0 34
F 14	23 12	23 34	0 7	24 49	1 30	24 12	0 44	5 14	1 30	1 44	1 15	3 17	2 25	21 26	0 5	21 16	1 29	8 44	16 55	23 28	23 28	4 46	10 39	0 34
S 15	23 16	22 0	1s 3	24 58	1 35	24 13	0 46	5 27	1 30	1 46	1 15	3 16	2 25	21 26	0 5	21 15	1 29	8 44	16 56	23 28	23 28	4 43	10 38	0 34
S 16	23 19	19 23	2 9	25 5	1 39	24 14	0 48	5 40	1 30	1 49	1 16	3 16	2 24	21 27	0 5	21 15	1 29	8 44	16 56	23 28	23 28	4 41	10 38	0 34
M17	23 22	15 57	3 8	25 11	1 44	24 13	0 51	5 53	1 31	1 52	1 16	3 15	2 24	21 27	0 5	21 15	1 29	8 44	16 57	23 28	23 28	4 38	10 37	0 35
T 18	23 24	11 54	3 57	25 16	1 47	24 12	0 53	6 6	1 31	1 54	1 16	3 14	2 24	21 28	0 5	21 15	1 29	8 44	16 57	23 28	23 28	4 35	10 37	0 35
W19	23 26	7 27	4 35	25 19	1 51	24 10	0 55	6 19	1 31	1 56	1 16	3 13	2 24	21 29	0 5	21 15	1 29	8 44	16 58	23 28	23 28	4 32	10 36	0 35
T 20	23 27	2 45	5 2	25 21	1 54	24 7	0 57	6 32	1 31	1 59	1 17	3 12	2 24	21 29	0 5	21 15	1 29	8 44	16 58	23 28	23 28	4 29	10 36	0 35
F 21	23 28	2s 3	5 16	25 21	1 58	24 4	0 59	6 45	1 31	2 1	1 17	3 11	2 23	21 30	0 5	21 14	1 29	8 44	16 59	23 28	23 28	4 27	10 35	0 35
S 22	23 28	6 48	5 16	25 20	2 0	24 0	1 0	6 57	1 31	2 3	1 17	3 10	2 23	21 30	0 5	21 14	1 28	8 44	16 59	23 28	23 28	4 24	10 35	0 35
S 23	23 28	11 21	5 2	25 17	2 3	23 55	1 2	7 10	1 31	2 5	1 17	3 9	2 23	21 31	0 5	21 14	1 28	8 45	17 0	23 28	23 28	4 21	10 34	0 35
M24	23 28	15 33	4 34	25 13	2 5	23 49	1 4	7 22	1 31	2 7	1 18	3 7	2 23	21 32	0 5	21 14	1 28	8 45	17 1	23 28	23 28	4 18	10 34	0 35
T 25	23 27	19 10	3 52	25 7	2 7	23 43	1 6	7 35	1 31	2 9	1 18	3 6	2 22	21 32	0 5	21 14	1 28	8 45	17 1	23 28	23 28	4 16	10 33	0 35
W26	23 25	21 57	2 58	25 0	2 8	23 36	1 8	7 47	1 31	2 11	1 18	3 5	2 22	21 33	0 5	21 14	1 28	8 45	17 2	23 28	23 28	4 13	10 33	0 35
T 27	23 23	23 36	1 52	24 51	2 9	23 28	1 9	8 0	1 31	2 13	1 18	3 4	2 22	21 33	0 5	21 14	1 28	8 45	17 2	23 28	23 28	4 10	10 33	0 35
F 28	23 21	23 53	0 38	24 41	2 9	23 19	1 11	8 12	1 31	2 15	1 19	3 2	2 22	21 34	0 5	21 13	1 28	8 45	17 3	23 28	23 28	4 7	10 32	0 35
S 29	23 18	22 39	0n40	24 28	2 9	23 10	1 12	8 24	1 31	2 16	1 19	3 1	2 21	21 34	0 5	21 13	1 28	8 46	17 3	23 28	23 28	4 5	10 32	0 35
S 30	23 14	19 56	1 57	24 15	2 9	23 0	1 14	8 36	1 31	2 18	1 19	3 0	2 21	21 35	0 5	21 13	1 28	8 46	17 4	23 28	23 28	4 2	10 32	0 35
M31	23s10	15s56	3n 7	23s59	2s 8	22s49	1s15	8s48	1n31	2s20	1n19	2s58	2s21	21s35	0n 5	21n13	1s28	8n46	17n 4	23s28	23s28	3n59	10n32	0s35

Julian Day Number = 2353628.5, Delta T = 11.51 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'52, Lahiri = 20°06'52Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1732
geocentric

JANUARY 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 32	9♑56'10	19♒59	22♑18	23♑50	27♎ 1	9♎ 0	28♓ 1	8♐ 2	15°R26	17♎53	29°R 5	28♐28	8♍25	28°R50	T 1
W 2	6 43 28	10°57'21	4♓35	23°55	25° 5	27°34	9° 4	28° 4	8° 5	15♊24	17°54	29♐ 3	28°25	8°32	28♈49	W 2
T 3	6 47 25	11°58'32	19° 4	25°32	26°20	28° 7	9° 8	28° 8	8° 8	15°23	17°55	29° 2	28°22	8°39	28°49	T 3
F 4	6 51 22	12°59'42	3♈22	27° 8	27°35	28°40	9°12	28°11	8°11	15°21	17°55	29° 1	28°19	8°45	28°48	F 4
S 5	6 55 18	14° 0'52	17°24	28°43	28°51	29°13	9°16	28°15	8°14	15°20	17°56	29°D 1	28°16	8°52	28°48	S 5
S 6	6 59 15	15° 2'01	1♉12	0♒18	0♒ 6	29°45	9°20	28°18	8°18	15°18	17°56	29° 2	28°12	8°59	28°48	S 6
M 7	7 3 11	16° 3'10	14°44	1°51	1°21	0♏18	9°23	28°22	8°21	15°17	17°57	29° 3	28° 9	9° 6	28°48	M 7
T 8	7 7 8	17° 4'18	28° 1	3°23	2°36	0°51	9°26	28°26	8°24	15°16	17°57	29° 4	28° 6	9°12	28°48	T 8
W 9	7 11 4	18° 5'25	11♊ 4	4°53	3°51	1°23	9°30	28°30	8°27	15°14	17°58	29° 6	28° 3	9°19	28°D48	W 9
T 10	7 15 1	19° 6'33	23°54	6°21	5° 6	1°55	9°32	28°34	8°30	15°13	17°58	29°R 6	28° 0	9°26	28°48	T 10
F 11	7 18 57	20° 7'39	6♋32	7°47	6°22	2°28	9°35	28°38	8°33	15°12	17°59	29° 6	27°56	9°32	28°48	F 11
S 12	7 22 54	21° 8'45	19° 0	9° 9	7°37	3° 0	9°38	28°43	8°36	15°10	17°59	29° 5	27°53	9°39	28°48	S 12
S 13	7 26 51	22° 9'51	1♌17	10°28	8°52	3°32	9°40	28°47	8°39	15° 9	17°59	29° 3	27°50	9°46	28°48	S 13
M14	7 30 47	23°10'56	13°25	11°42	10° 7	4° 4	9°42	28°51	8°42	15° 8	17°59	28°59	27°47	9°53	28°48	M14
T 15	7 34 44	24°12'01	25°25	12°52	11°22	4°36	9°44	28°56	8°45	15° 6	18° 0	28°55	27°44	9°59	28°49	T 15
W16	7 38 40	25°13'05	7♍20	13°56	12°37	5° 8	9°46	29° 0	8°47	15° 5	18° 0	28°50	27°41	10° 6	28°49	W16
T 17	7 42 37	26°14'08	19°12	14°53	13°52	5°39	9°48	29° 5	8°50	15° 4	18° 0	28°45	27°37	10°13	28°50	T 17
F 18	7 46 33	27°15'11	1♎ 3	15°43	15° 7	6°11	9°49	29°10	8°53	15° 3	18° 0	28°41	27°34	10°19	28°50	F 18
S 19	7 50 30	28°16'14	12°59	16°25	16°22	6°42	9°50	29°14	8°56	15° 2	18° 0	28°39	27°31	10°26	28°51	S 19
S 20	7 54 26	29°17'16	25° 3	16°58	17°37	7°14	9°51	29°19	8°58	15° 1	18° 0	28°D38	27°28	10°33	28°52	S 20
M21	7 58 23	0♒18'18	7♏20	17°21	18°52	7°45	9°52	29°24	9° 1	14°59	18°R 0	28°38	27°25	10°40	28°52	M21
T 22	8 2 20	1°19'19	19°55	17°33	20° 7	8°16	9°53	29°29	9° 4	14°58	18° 0	28°39	27°21	10°46	28°53	T 22
W23	8 6 16	2°20'20	2♐51	17°R34	21°22	8°47	9°53	29°34	9° 6	14°57	18° 0	28°41	27°18	10°53	28°54	W23
T 24	8 10 13	3°21'20	16°13	17°24	22°37	9°18	9°53	29°40	9° 9	14°56	18° 0	28°42	27°15	11° 0	28°55	T 24
F 25	8 14 9	4°22'20	0♑ 2	17° 2	23°52	9°48	9°R54	29°45	9°11	14°55	18° 0	28°R43	27°12	11° 6	28°56	F 25
S 26	8 18 6	5°23'19	14°18	16°29	25° 7	10°19	9°53	29°50	9°14	14°54	18° 0	28°42	27° 9	11°13	28°57	S 26
S 27	8 22 2	6°24'17	28°58	15°46	26°22	10°49	9°53	29°56	9°16	14°53	18° 0	28°39	27° 6	11°20	28°58	S 27
M28	8 25 59	7°25'14	13♒55	14°54	27°37	11°19	9°53	0♈ 1	9°18	14°53	17°59	28°34	27° 2	11°27	28°59	M28
T 29	8 29 55	8°26'09	29° 0	13°53	28°52	11°49	9°52	0° 7	9°21	14°52	17°59	28°28	26°59	11°33	29° 0	T 29
W30	8 33 52	9°27'04	14♓ 4	12°47	0♓ 6	12°19	9°51	0°12	9°23	14°51	17°59	28°22	26°56	11°40	29° 1	W30
T 31	8 37 49	10♒27'57	28♓57	11♒36	1♓21	12♏49	9♎50	0♈18	9♐25	14♊50	17♎58	28♐16	26♐53	11♍47	29♈ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 6	10s57	4n 6	23s43	2s 7	22s38	1s17	9s 0	1n31	2s21	1n20	2s57	2s21	21s36	0n 5	21n13	1s28	8n46	17n 5	23s28	23s28	3n56	10n31	0s35
W 2	23 1	5 22	4 48	23 24	2 5	22 26	1 18	9 12	1 31	2 23	1 20	2 55	2 21	21 37	0 5	21 13	1 28	8 47	17 6	23 28	23 28	3 53	10 31	0 35
T 3	22 56	0n27	5 12	23 4	2 2	22 13	1 20	9 24	1 31	2 24	1 20	2 53	2 20	21 37	0 5	21 13	1 28	8 47	17 6	23 28	23 28	3 51	10 31	0 35
F 4	22 50	6 10	5 15	22 43	1 59	22 0	1 21	9 35	1 31	2 25	1 20	2 52	2 20	21 38	0 5	21 12	1 28	8 47	17 7	23 28	23 28	3 48	10 31	0 36
S 5	22 44	11 28	5 0	22 20	1 55	21 46	1 22	9 47	1 31	2 27	1 21	2 50	2 20	21 38	0 5	21 12	1 28	8 48	17 7	23 28	23 28	3 45	10 31	0 36
S 6	22 37	16 5	4 28	21 55	1 51	21 31	1 23	9 58	1 31	2 28	1 21	2 49	2 20	21 39	0 5	21 12	1 28	8 48	17 8	23 28	23 28	3 42	10 30	0 36
M 7	22 30	19 48	3 41	21 29	1 45	21 16	1 24	10 10	1 31	2 29	1 21	2 47	2 20	21 39	0 5	21 12	1 28	8 48	17 8	23 28	23 28	3 40	10 30	0 36
T 8	22 23	22 24	2 43	21 2	1 39	21 0	1 25	10 21	1 31	2 30	1 21	2 45	2 19	21 40	0 5	21 12	1 28	8 49	17 9	23 28	23 28	3 37	10 30	0 36
W 9	22 15	23 45	1 38	20 34	1 33	20 43	1 26	10 33	1 31	2 31	1 22	2 43	2 19	21 40	0 5	21 12	1 28	8 49	17 10	23 28	23 28	3 34	10 30	0 36
T 10	22 7	23 49	0 29	20 5	1 25	20 26	1 27	10 44	1 31	2 32	1 22	2 42	2 19	21 41	0 5	21 12	1 28	8 49	17 10	23 28	23 28	3 31	10 30	0 36
F 11	21 58	22 38	0s41	19 35	1 16	20 8	1 28	10 55	1 31	2 33	1 22	2 40	2 19	21 41	0 5	21 12	1 28	8 50	17 11	23 28	23 27	3 29	10 30	0 36
S 12	21 49	20 21	1 47	19 4	1 7	19 50	1 29	11 6	1 31	2 33	1 23	2 38	2 19	21 42	0 5	21 12	1 28	8 50	17 11	23 28	23 27	3 26	10 30	0 36
S 13	21 39	17 10	2 48	18 33	0 57	19 31	1 30	11 17	1 31	2 34	1 23	2 36	2 18	21 42	0 5	21 11	1 28	8 51	17 12	23 28	23 27	3 23	10 30	0 36
M14	21 29	13 18	3 40	18 2	0 45	19 11	1 30	11 28	1 31	2 35	1 23	2 34	2 18	21 42	0 5	21 11	1 28	8 51	17 13	23 28	23 27	3 20	10 30	0 36
T 15	21 18	8 58	4 22	17 30	0 33	18 51	1 31	11 38	1 31	2 35	1 23	2 32	2 18	21 43	0 5	21 11	1 28	8 52	17 13	23 28	23 27	3 18	10 30	0 36
W16	21 7	4 19	4 51	16 59	0 20	18 30	1 31	11 49	1 31	2 36	1 24	2 30	2 18	21 43	0 5	21 11	1 28	8 52	17 14	23 28	23 27	3 15	10 31	0 36
T 17	20 56	0s27	5 9	16 29	0 6	18 9	1 32	12 0	1 31	2 36	1 24	2 28	2 18	21 44	0 5	21 11	1 28	8 52	17 14	23 28	23 27	3 12	10 31	0 36
F 18	20 44	5 12	5 13	16 0	0n 9	17 48	1 32	12 10	1 31	2 36	1 24	2 26	2 17	21 44	0 5	21 11	1 28	8 53	17 15	23 28	23 27	3 9	10 31	0 36
S 19	20 32	9 47	5 3	15 32	0 25	17 26	1 33	12 20	1 31	2 36	1 24	2 24	2 17	21 45	0 5	21 11	1 28	8 53	17 16	23 28	23 27	3 7	10 31	0 36
S 20	20 20	14 3	4 40	15 6	0 42	17 3	1 33	12 31	1 31	2 37	1 25	2 22	2 17	21 45	0 5	21 11	1 28	8 54	17 16	23 28	23 27	3 4	10 31	0 36
M21	20 7	17 50	4 5	14 43	0 59	16 40	1 33	12 41	1 31	2 37	1 25	2 20	2 17	21 45	0 5	21 11	1 28	8 55	17 17	23 28	23 27	3 1	10 31	0 36
T 22	19 54	20 53	3 16	14 22	1 17	16 16	1 33	12 51	1 31	2 37	1 25	2 18	2 17	21 46	0 5	21 11	1 27	8 55	17 17	23 28	23 27	2 58	10 32	0 36
W23	19 40	22 59	2 17	14 5	1 35	15 52	1 33	13 1	1 31	2 37	1 25	2 15	2 17	21 46	0 5	21 11	1 27	8 56	17 18	23 28	23 27	2 56	10 32	0 36
T 24	19 26	23 53	1 8	13 51	1 53	15 28	1 33	13 11	1 31	2 37	1 26	2 13	2 16	21 47	0 5	21 10	1 27	8 56	17 18	23 28	23 27	2 53	10 32	0 37
F 25	19 12	23 21	0n 7	13 41	2 10	15 3	1 33	13 20	1 31	2 36	1 26	2 11	2 16	21 47	0 5	21 10	1 27	8 57	17 19	23 28	23 27	2 50	10 32	0 37
S 26	18 57	21 19	1 24	13 34	2 27	14 38	1 33	13 30	1 30	2 36	1 26	2 9	2 16	21 47	0 5	21 10	1 27	8 57	17 20	23 28	23 27	2 47	10 33	0 37
S 27	18 42	17 50	2 37	13 32	2 43	14 12	1 33	13 40	1 30	2 36	1 27	2 6	2 16	21 48	0 5	21 10	1 27	8 58	17 20	23 28	23 27	2 45	10 33	0 37
M28	18 27	13 9	3 41	13 33	2 58	13 46	1 33	13 49	1 30	2 35	1 27	2 4	2 16	21 48	0 5	21 10	1 27	8 59	17 21	23 28	23 26	2 42	10 33	0 37
T 29	18 11	7 37	4 30	13 39	3 10	13 20	1 32	13 58	1 30	2 35	1 27	2 2	2 16	21 49	0 5	21 10	1 27	8 59	17 21	23 28	23 26	2 39	10 34	0 37
W30	17 55	1 40	5 0	13 47	3 21	12 53	1 32	14 8	1 30	2 34	1 27	1 59	2 15	21 49	0 5	21 10	1 27	9 0	17 22	23 28	23 26	2 36	10 34	0 37
T 31	17s38	4n19	5n 9	13s58	3n30	12s26	1s31	14s17	1n30	2s33	1n28	1s57	2s15	21s49	0n 5	21n10	1s27	9n 0	17n22	23s28	23s26	2n34	10n35	0s37

Julian Day Number = 2353659.5, Delta T = 11.53 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 20°59'56, Lahiri = 20°06'57Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

FEBRUARY 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 41 45	11♒28'49	13♈33	10°R23	2♓36	13♏19	9°R49	0♈24	9♐28	14°R49	17°R58	28°R11	26♐50	11♍53	29♈ 4	F 1
S 2	8 45 42	12°29'39	27°46	9♒10	3°51	13°48	9♎47	0°30	9°30	14♊48	17♎58	28♐ 8	26°47	12° 0	29° 6	S 2
S 3	8 49 38	13°30'28	11♉35	7°59	5° 5	14°17	9°46	0°35	9°32	14°48	17°57	28°D 7	26°43	12° 7	29° 7	S 3
M 4	8 53 35	14°31'16	25° 1	6°51	6°20	14°47	9°44	0°41	9°34	14°47	17°57	28° 7	26°40	12°14	29° 9	M 4
T 5	8 57 31	15°32'02	8♊ 6	5°49	7°35	15°15	9°42	0°47	9°36	14°46	17°56	28° 9	26°37	12°20	29°10	T 5
W 6	9 1 28	16°32'46	20°53	4°53	8°49	15°44	9°40	0°53	9°38	14°46	17°56	28°10	26°34	12°27	29°12	W 6
T 7	9 5 24	17°33'29	3♋25	4° 5	10° 4	16°13	9°37	1° 0	9°40	14°45	17°55	28°R10	26°31	12°34	29°14	T 7
F 8	9 9 21	18°34'10	15°46	3°24	11°18	16°41	9°35	1° 6	9°42	14°45	17°54	28° 8	26°27	12°41	29°15	F 8
S 9	9 13 18	19°34'50	27°58	2°51	12°33	17° 9	9°32	1°12	9°44	14°44	17°54	28° 4	26°24	12°47	29°17	S 9
S 10	9 17 14	20°35'28	10♌ 3	2°26	13°47	17°38	9°29	1°18	9°45	14°44	17°53	27°57	26°21	12°54	29°19	S 10
M11	9 21 11	21°36'05	22° 3	2° 9	15° 2	18° 5	9°26	1°25	9°47	14°43	17°52	27°48	26°18	13° 1	29°21	M11
T 12	9 25 7	22°36'40	3♍58	1°59	16°16	18°33	9°23	1°31	9°49	14°43	17°52	27°38	26°15	13° 7	29°23	T 12
W13	9 29 4	23°37'14	15°51	1°D57	17°31	19° 1	9°19	1°37	9°50	14°42	17°51	27°26	26°12	13°14	29°25	W13
T 14	9 33 0	24°37'46	27°43	2° 2	18°45	19°28	9°15	1°44	9°52	14°42	17°50	27°15	26° 8	13°21	29°27	T 14
F 15	9 36 57	25°38'17	9♎36	2°14	19°59	19°55	9°12	1°50	9°53	14°42	17°49	27° 5	26° 5	13°28	29°29	F 15
S 16	9 40 53	26°38'46	21°33	2°31	21°13	20°22	9° 8	1°57	9°55	14°41	17°48	26°57	26° 2	13°34	29°31	S 16
S 17	9 44 50	27°39'15	3♏36	2°55	22°28	20°48	9° 3	2° 4	9°56	14°41	17°48	26°52	25°59	13°41	29°34	S 17
M18	9 48 47	28°39'41	15°50	3°23	23°42	21°15	8°59	2°10	9°58	14°41	17°47	26°49	25°56	13°48	29°36	M18
T 19	9 52 43	29°40'07	28°20	3°57	24°56	21°41	8°55	2°17	9°59	14°40	17°46	26°D48	25°53	13°54	29°38	T 19
W20	9 56 40	0♓40'31	11♐ 9	4°35	26°10	22° 7	8°50	2°24	10° 0	14°40	17°45	26°48	25°49	14° 1	29°41	W20
T 21	10 0 36	1°40'54	24°23	5°17	27°24	22°33	8°45	2°31	10° 2	14°40	17°44	26°R49	25°46	14° 8	29°43	T 21
F 22	10 4 33	2°41'16	8♑ 4	6° 3	28°38	22°58	8°40	2°37	10° 3	14°40	17°43	26°48	25°43	14°15	29°45	F 22
S 23	10 8 29	3°41'36	22°15	6°53	29°52	23°23	8°35	2°44	10° 4	14°40	17°42	26°46	25°40	14°21	29°48	S 23
S 24	10 12 26	4°41'54	6♒54	7°46	1♈ 6	23°48	8°30	2°51	10° 5	14°D40	17°41	26°41	25°37	14°28	29°51	S 24
M25	10 16 22	5°42'11	21°56	8°42	2°20	24°13	8°24	2°58	10° 6	14°40	17°39	26°33	25°33	14°35	29°53	M25
T 26	10 20 19	6°42'26	7♓13	9°40	3°34	24°37	8°19	3° 5	10° 7	14°40	17°38	26°23	25°30	14°41	29°56	T 26
W27	10 24 16	7°42'39	22°33	10°42	4°48	25° 1	8°13	3°12	10° 8	14°40	17°37	26°12	25°27	14°48	29°59	W27
T 28	10 28 12	8°42'51	7♈45	11°46	6° 2	25°25	8° 7	3°19	10° 9	14°40	17°36	26° 2	25°24	14°55	0♉ 1	T 28
F 29	10 32 9	9♓43'00	22♈39	12♒52	7♈15	25♏49	8♎ 1	3♈26	10♐10	14♊40	17♎35	25♐53	25♐21	15♍ 2	0♉ 4	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s22	9n56	4n58	14s12	3n36	11s58	1s31	14s26	1n30	2s33	1n28	1s54	2s15	21s50	0n 5	21n10	1s27	9n 1	17n23	23s28	23s26	2n31	10n35	0s37
S 2	17 5	14 53	4 29	14 28	3 39	11 31	1 30	14 35	1 29	2 32	1 28	1 52	2 15	21 50	0 5	21 10	1 27	9 2	17 23	23 28	23 26	2 28	10 36	0 37
S 3	16 48	18 54	3 45	14 45	3 41	11 3	1 29	14 44	1 29	2 31	1 28	1 50	2 15	21 50	0 5	21 10	1 27	9 2	17 24	23 28	23 26	2 25	10 36	0 37
M 4	16 30	21 47	2 49	15 3	3 40	10 34	1 29	14 52	1 29	2 30	1 29	1 47	2 15	21 51	0 5	21 10	1 27	9 3	17 25	23 28	23 26	2 23	10 36	0 37
T 5	16 12	23 26	1 46	15 21	3 36	10 6	1 28	15 1	1 29	2 29	1 29	1 44	2 15	21 51	0 5	21 10	1 27	9 4	17 25	23 28	23 26	2 20	10 37	0 37
W 6	15 54	23 49	0 39	15 39	3 31	9 37	1 27	15 10	1 29	2 28	1 29	1 42	2 14	21 51	0 5	21 10	1 27	9 4	17 26	23 28	23 26	2 17	10 38	0 37
T 7	15 36	22 57	0s28	15 57	3 24	9 8	1 26	15 18	1 28	2 27	1 29	1 39	2 14	21 51	0 5	21 10	1 27	9 5	17 26	23 28	23 26	2 14	10 38	0 37
F 8	15 17	21 0	1 33	16 15	3 16	8 38	1 25	15 26	1 28	2 26	1 30	1 37	2 14	21 52	0 5	21 10	1 27	9 6	17 27	23 28	23 26	2 12	10 39	0 37
S 9	14 58	18 6	2 33	16 32	3 6	8 9	1 24	15 34	1 28	2 24	1 30	1 34	2 14	21 52	0 5	21 10	1 27	9 7	17 27	23 28	23 26	2 9	10 39	0 37
S 10	14 39	14 27	3 25	16 48	2 56	7 39	1 22	15 43	1 28	2 23	1 30	1 32	2 14	21 52	0 5	21 10	1 27	9 7	17 28	23 27	23 25	2 6	10 40	0 37
M11	14 19	10 16	4 8	17 2	2 44	7 9	1 21	15 51	1 28	2 21	1 30	1 29	2 14	21 53	0 5	21 10	1 26	9 8	17 28	23 27	23 25	2 3	10 41	0 37
T 12	14 0	5 44	4 39	17 16	2 33	6 39	1 20	15 58	1 27	2 20	1 31	1 26	2 14	21 53	0 5	21 10	1 26	9 9	17 29	23 27	23 25	2 1	10 41	0 37
W13	13 40	1 0	4 58	17 28	2 21	6 9	1 18	16 6	1 27	2 18	1 31	1 24	2 13	21 53	0 4	21 10	1 26	9 10	17 29	23 27	23 25	1 58	10 42	0 37
T 14	13 20	3s45	5 4	17 39	2 8	5 38	1 17	16 14	1 27	2 17	1 31	1 21	2 13	21 53	0 4	21 10	1 26	9 10	17 30	23 27	23 25	1 55	10 43	0 38
F 15	13 0	8 22	4 57	17 49	1 56	5 8	1 15	16 21	1 26	2 15	1 31	1 18	2 13	21 54	0 4	21 10	1 26	9 11	17 30	23 27	23 25	1 52	10 43	0 38
S 16	12 39	12 41	4 37	17 57	1 43	4 37	1 14	16 29	1 26	2 13	1 32	1 16	2 13	21 54	0 4	21 10	1 26	9 12	17 31	23 26	23 25	1 50	10 44	0 38
S 17	12 18	16 34	4 4	18 4	1 31	4 6	1 12	16 36	1 26	2 11	1 32	1 13	2 13	21 54	0 4	21 10	1 26	9 13	17 31	23 26	23 25	1 47	10 45	0 38
M18	11 57	19 48	3 20	18 9	1 18	3 35	1 10	16 43	1 25	2 9	1 32	1 10	2 13	21 54	0 4	21 10	1 26	9 13	17 32	23 26	23 25	1 44	10 45	0 38
T 19	11 36	22 11	2 26	18 14	1 6	3 4	1 9	16 51	1 25	2 7	1 32	1 7	2 13	21 54	0 4	21 10	1 26	9 14	17 32	23 26	23 25	1 41	10 46	0 38
W20	11 15	23 30	1 22	18 16	0 54	2 33	1 7	16 58	1 25	2 5	1 33	1 5	2 13	21 55	0 4	21 10	1 26	9 15	17 33	23 26	23 24	1 39	10 47	0 38
T 21	10 54	23 34	0 13	18 17	0 42	2 2	1 5	17 4	1 24	2 3	1 33	1 2	2 13	21 55	0 4	21 10	1 26	9 16	17 33	23 26	23 24	1 36	10 48	0 38
F 22	10 32	22 14	1n 0	18 17	0 31	1 30	1 3	17 11	1 24	2 1	1 33	0 59	2 13	21 55	0 4	21 10	1 26	9 16	17 33	23 26	23 24	1 33	10 49	0 38
S 23	10 10	19 29	2 11	18 16	0 20	0 59	1 1	17 18	1 24	1 59	1 33	0 56	2 12	21 55	0 4	21 10	1 26	9 17	17 34	23 26	23 24	1 31	10 50	0 38
S 24	9 48	15 25	3 16	18 13	0 9	0 27	0 59	17 25	1 23	1 57	1 33	0 53	2 12	21 55	0 4	21 10	1 26	9 18	17 34	23 26	23 24	1 28	10 50	0 38
M25	9 26	10 17	4 9	18 8	0s 2	0n 4	0 57	17 31	1 23	1 54	1 34	0 50	2 12	21 55	0 4	21 10	1 26	9 19	17 35	23 26	23 24	1 25	10 51	0 38
T 26	9 4	4 28	4 45	18 2	0 12	0 35	0 54	17 37	1 22	1 52	1 34	0 48	2 12	21 56	0 4	21 10	1 26	9 20	17 35	23 25	23 24	1 22	10 52	0 38
W27	8 41	1n39	5 1	17 55	0 21	1 7	0 52	17 44	1 22	1 50	1 34	0 45	2 12	21 56	0 4	21 10	1 26	9 20	17 36	23 25	23 24	1 20	10 53	0 38
T 28	8 19	7 36	4 55	17 47	0 31	1 38	0 50	17 50	1 21	1 47	1 34	0 42	2 12	21 56	0 4	21 11	1 26	9 21	17 36	23 25	23 24	1 17	10 54	0 38
F 29	7s56	13n 0	4n30	17s37	0s40	2n 9	0s47	17s56	1n21	1s45	1n34	0s39	2s12	21s56	0n 4	21n11	1s25	9n22	17n36	23s25	23s24	1n14	10n55	0s38

Julian Day Number = 2353690.5, Delta T = 11.54 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'00, Lahiri = 20°07'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

MARCH 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 5	10♓43'07	7♉ 8	14♒ 1	8♈29	26♏12	7°R55	3♈33	10♐10	14♊41	17°R33	25°R47	25♐18	15♍ 8	0♉ 7	S 1
S 2	10 40 2	11°43'12	21° 8	15°11	9°43	26°35	7♎49	3°41	10°11	14°41	17♎32	25♐43	25°14	15°15	0°10	S 2
M 3	10 43 58	12°43'16	4♊39	16°24	10°56	26°58	7°43	3°48	10°12	14°41	17°31	25°42	25°11	15°22	0°13	M 3
T 4	10 47 55	13°43'17	17°44	17°38	12°10	27°20	7°36	3°55	10°12	14°41	17°30	25°D41	25° 8	15°29	0°16	T 4
W 5	10 51 51	14°43'15	0♋27	18°54	13°23	27°42	7°30	4° 2	10°13	14°42	17°28	25°R41	25° 5	15°35	0°19	W 5
T 6	10 55 48	15°43'12	12°52	20°12	14°37	28° 4	7°23	4° 9	10°14	14°42	17°27	25°40	25° 2	15°42	0°22	T 6
F 7	10 59 45	16°43'06	25° 4	21°32	15°50	28°25	7°16	4°17	10°14	14°42	17°26	25°37	24°59	15°49	0°25	F 7
S 8	11 3 41	17°42'58	7♌ 6	22°53	17° 4	28°46	7° 9	4°24	10°14	14°43	17°24	25°31	24°55	15°55	0°28	S 8
S 9	11 7 38	18°42'48	19° 3	24°15	18°17	29° 7	7° 3	4°31	10°15	14°43	17°23	25°22	24°52	16° 2	0°31	S 9
M10	11 11 34	19°42'36	0♍56	25°39	19°30	29°27	6°55	4°39	10°15	14°44	17°21	25°11	24°49	16° 9	0°34	M10
T 11	11 15 31	20°42'22	12°49	27° 5	20°43	29°47	6°48	4°46	10°15	14°44	17°20	24°57	24°46	16°16	0°37	T 11
W12	11 19 27	21°42'06	24°41	28°31	21°56	0♐ 6	6°41	4°54	10°15	14°45	17°18	24°42	24°43	16°22	0°41	W12
T 13	11 23 24	22°41'47	6♎36	29°59	23° 9	0°25	6°34	5° 1	10°15	14°45	17°17	24°28	24°39	16°29	0°44	T 13
F 14	11 27 20	23°41'27	18°33	1♓29	24°22	0°44	6°27	5° 8	10°16	14°46	17°15	24°15	24°36	16°36	0°47	F 14
S 15	11 31 17	24°41'05	0♏35	3° 0	25°35	1° 3	6°19	5°16	10°R16	14°47	17°14	24° 4	24°33	16°42	0°50	S 15
S 16	11 35 13	25°40'41	12°43	4°33	26°48	1°21	6°12	5°23	10°16	14°47	17°12	23°56	24°30	16°49	0°54	S 16
M17	11 39 10	26°40'16	25° 1	6° 6	28° 1	1°38	6° 4	5°31	10°15	14°48	17°11	23°51	24°27	16°56	0°57	M17
T 18	11 43 7	27°39'48	7♐32	7°41	29°13	1°55	5°57	5°38	10°15	14°49	17° 9	23°48	24°24	17° 3	1° 1	T 18
W19	11 47 3	28°39'19	20°19	9°17	0♑26	2°12	5°49	5°46	10°15	14°49	17° 8	23°48	24°20	17° 9	1° 4	W19
T 20	11 51 0	29°38'48	3♑27	10°55	1°39	2°28	5°41	5°53	10°15	14°50	17° 6	23°48	24°17	17°16	1° 8	T 20
F 21	11 54 56	0♈38'16	16°59	12°34	2°51	2°44	5°34	6° 1	10°15	14°51	17° 5	23°47	24°14	17°23	1°11	F 21
S 22	11 58 53	1°37'41	0♒59	14°14	4° 4	2°59	5°26	6° 8	10°14	14°52	17° 3	23°45	24°11	17°30	1°15	S 22
S 23	12 2 49	2°37'05	15°25	15°56	5°16	3°14	5°18	6°16	10°14	14°53	17° 1	23°40	24° 8	17°36	1°18	S 23
M24	12 6 46	3°36'27	0♓16	17°38	6°28	3°28	5°11	6°23	10°13	14°54	17° 0	23°32	24° 4	17°43	1°22	M24
T 25	12 10 42	4°35'47	15°24	19°23	7°41	3°42	5° 3	6°31	10°13	14°55	16°58	23°22	24° 1	17°50	1°25	T 25
W26	12 14 39	5°35'05	0♈42	21° 8	8°53	3°55	4°55	6°38	10°12	14°56	16°56	23°11	23°58	17°56	1°29	W26
T 27	12 18 36	6°34'21	15°56	22°55	10° 5	4° 8	4°47	6°46	10°12	14°57	16°55	23° 0	23°55	18° 3	1°33	T 27
F 28	12 22 32	7°33'35	0♉56	24°44	11°17	4°20	4°40	6°53	10°11	14°58	16°53	22°51	23°52	18°10	1°36	F 28
S 29	12 26 29	8°32'47	15°34	26°33	12°29	4°32	4°32	7° 1	10°10	14°59	16°51	22°44	23°49	18°17	1°40	S 29
S 30	12 30 25	9°31'56	29°44	28°24	13°41	4°43	4°24	7° 8	10°10	15° 0	16°50	22°40	23°45	18°23	1°44	S 30
M31	12 34 22	10♈31'03	13♊24	0♈17	14♉53	4♐53	4♎16	7♈16	10♐ 9	15♊ 1	16♎48	22♐38	23♐42	18♍30	1♉47	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s33	17n29	3n47	17s25	0s49	2n41	0s45	18s 2	1n20	1s42	1n34	0s36	2s12	21s56	0n 4	21n11	1s25	9n23	17n37	23s24	23s23	1n11	10n56	0s38
S 2	7 11	20 50	2 52	17 13	0 57	3 12	0 43	18 8	1 20	1 39	1 35	0 33	2 12	21 56	0 4	21 11	1 25	9 24	17 37	23 24	23 23	1 9	10 57	0 38
M 3	6 48	22 53	1 49	16 59	1 5	3 43	0 40	18 13	1 19	1 37	1 35	0 30	2 12	21 56	0 4	21 11	1 25	9 24	17 37	23 24	23 23	1 6	10 58	0 38
T 4	6 25	23 36	0 42	16 43	1 12	4 14	0 37	18 19	1 19	1 34	1 35	0 27	2 12	21 56	0 4	21 11	1 25	9 25	17 38	23 24	23 23	1 3	10 59	0 39
W 5	6 2	23 3	0s25	16 26	1 20	4 45	0 35	18 25	1 18	1 31	1 35	0 24	2 12	21 56	0 4	21 11	1 25	9 26	17 38	23 24	23 23	1 1	11 0	0 39
T 6	5 38	21 22	1 30	16 8	1 26	5 16	0 32	18 30	1 17	1 29	1 35	0 22	2 12	21 57	0 4	21 11	1 25	9 27	17 38	23 24	23 23	0 58	11 1	0 39
F 7	5 15	18 43	2 29	15 49	1 33	5 47	0 30	18 35	1 17	1 26	1 35	0 19	2 12	21 57	0 4	21 11	1 25	9 28	17 39	23 24	23 23	0 55	11 2	0 39
S 8	4 52	15 18	3 20	15 28	1 39	6 18	0 27	18 41	1 16	1 23	1 35	0 16	2 12	21 57	0 4	21 11	1 25	9 28	17 39	23 24	23 23	0 52	11 3	0 39
S 9	4 28	11 18	4 2	15 6	1 44	6 48	0 24	18 46	1 15	1 20	1 36	0 13	2 12	21 57	0 4	21 11	1 25	9 29	17 39	23 24	23 22	0 50	11 4	0 39
M10	4 5	6 54	4 33	14 42	1 50	7 19	0 21	18 51	1 15	1 17	1 36	0 10	2 11	21 57	0 4	21 12	1 25	9 30	17 40	23 23	23 22	0 47	11 5	0 39
T 11	3 41	2 15	4 53	14 18	1 54	7 49	0 18	18 56	1 14	1 14	1 36	0 7	2 11	21 57	0 4	21 12	1 25	9 31	17 40	23 23	23 22	0 44	11 6	0 39
W12	3 18	2s28	4 59	13 51	1 59	8 19	0 15	19 1	1 13	1 11	1 36	0 4	2 11	21 57	0 4	21 12	1 25	9 32	17 40	23 22	23 22	0 42	11 7	0 39
T 13	2 54	7 6	4 53	13 24	2 3	8 49	0 13	19 5	1 12	1 8	1 36	0 1	2 11	21 57	0 4	21 12	1 25	9 32	17 41	23 21	23 22	0 39	11 8	0 39
F 14	2 31	11 29	4 33	12 55	2 6	9 19	0 10	19 10	1 12	1 5	1 36	0n 2	2 11	21 57	0 4	21 12	1 25	9 33	17 41	23 21	23 22	0 36	11 9	0 39
S 15	2 7	15 27	4 2	12 25	2 9	9 48	0 7	19 15	1 11	1 2	1 36	0 5	2 11	21 57	0 4	21 12	1 25	9 34	17 41	23 20	23 22	0 33	11 10	0 39
S 16	1 43	18 50	3 19	11 54	2 12	10 17	0 4	19 19	1 10	0 59	1 36	0 8	2 11	21 57	0 4	21 12	1 25	9 35	17 41	23 20	23 22	0 31	11 11	0 39
M17	1 20	21 24	2 26	11 22	2 14	10 46	0 0	19 23	1 9	0 56	1 36	0 11	2 11	21 57	0 4	21 12	1 25	9 36	17 42	23 20	23 21	0 28	11 13	0 39
T 18	0 56	23 0	1 25	10 48	2 16	11 15	0n 3	19 28	1 8	0 53	1 36	0 14	2 11	21 57	0 4	21 13	1 24	9 36	17 42	23 20	23 21	0 25	11 14	0 39
W19	0 32	23 26	0 18	10 13	2 17	11 44	0 6	19 32	1 7	0 50	1 36	0 17	2 11	21 57	0 4	21 13	1 24	9 37	17 42	23 20	23 21	0 23	11 15	0 39
T 20	0 8	22 35	0n51	9 37	2 18	12 12	0 9	19 36	1 6	0 47	1 37	0 20	2 11	21 57	0 4	21 13	1 24	9 38	17 42	23 20	23 21	0 20	11 16	0 39
F 21	0n15	20 25	1 59	8 59	2 19	12 40	0 12	19 40	1 5	0 44	1 37	0 23	2 11	21 57	0 4	21 13	1 24	9 39	17 42	23 20	23 21	0 17	11 17	0 40
S 22	0 39	17 0	3 3	8 21	2 19	13 8	0 15	19 44	1 4	0 41	1 37	0 26	2 11	21 57	0 4	21 13	1 24	9 39	17 43	23 20	23 21	0 15	11 18	0 40
S 23	1 3	12 28	3 57	7 41	2 18	13 35	0 18	19 48	1 3	0 38	1 37	0 29	2 11	21 57	0 4	21 13	1 24	9 40	17 43	23 19	23 21	0 12	11 19	0 40
M24	1 26	7 5	4 37	7 0	2 17	14 2	0 21	19 52	1 2	0 35	1 37	0 32	2 11	21 57	0 4	21 13	1 24	9 41	17 43	23 19	23 20	0 9	11 21	0 40
T 25	1 50	1 11	4 58	6 17	2 16	14 29	0 25	19 55	1 1	0 32	1 37	0 35	2 11	21 57	0 4	21 14	1 24	9 42	17 43	23 18	23 20	0 6	11 22	0 40
W26	2 13	4n50	4 58	5 34	2 14	14 55	0 28	19 59	1 0	0 29	1 37	0 38	2 11	21 56	0 4	21 14	1 24	9 42	17 43	23 18	23 20	0 4	11 23	0 40
T 27	2 37	10 32	4 37	4 49	2 11	15 21	0 31	20 2	0 59	0 26	1 37	0 41	2 11	21 56	0 4	21 14	1 24	9 43	17 43	23 17	23 20	0 1	11 24	0 40
F 28	3 0	15 31	3 57	4 4	2 8	15 47	0 34	20 6	0 58	0 23	1 37	0 44	2 11	21 56	0 4	21 14	1 24	9 44	17 43	23 17	23 20	0s 2	11 25	0 40
S 29	3 24	19 26	3 3	3 17	2 5	16 12	0 37	20 9	0 56	0 19	1 37	0 47	2 11	21 56	0 4	21 14	1 24	9 45	17 44	23 16	23 20	0 4	11 27	0 40
S 30	3 47	22 3	1 58	2 29	2 1	16 37	0 41	20 13	0 55	0 16	1 37	0 50	2 11	21 56	0 4	21 14	1 24	9 45	17 44	23 16	23 20	0 7	11 28	0 40
M31	4n10	23n15	0n49	1s40	1s56	17n 1	0n44	20s16	0n54	0s13	1n37	0n53	2s11	21s56	0n 4	21n15	1s24	9n46	17n44	23s16	23s19	0s10	11n29	0s40

Julian Day Number = 2353719.5, Delta T = 11.56 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'04, Lahiri = 20°07'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

APRIL 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 18	11♈30'09	26♊36	2♈11	16♉ 4	5♐ 3	4°R 9	7♈23	10°R 8	15♊ 2	16°R46	22°D38	23♐39	18♍37	1♉51	T 1
W 2	12 42 15	12°29'11	9♋22	4° 6	17°16	5°13	4♎ 1	7°31	10♐ 7	15° 4	16♎45	22°R38	23°36	18°43	1°55	W 2
T 3	12 46 11	13°28'12	21°49	6° 3	18°28	5°21	3°54	7°38	10° 6	15° 5	16°43	22♐38	23°33	18°50	1°59	T 3
F 4	12 50 8	14°27'10	4♌ 0	8° 1	19°39	5°29	3°46	7°46	10° 5	15° 6	16°41	22°36	23°30	18°57	2° 3	F 4
S 5	12 54 5	15°26'05	16° 0	10° 0	20°51	5°37	3°39	7°53	10° 4	15° 8	16°40	22°32	23°26	19° 4	2° 6	S 5
S 6	12 58 1	16°24'59	27°53	12° 1	22° 2	5°44	3°31	8° 1	10° 3	15° 9	16°38	22°25	23°23	19°10	2°10	S 6
M 7	13 1 58	17°23'50	9♍45	14° 3	23°13	5°50	3°24	8° 8	10° 2	15°10	16°36	22°16	23°20	19°17	2°14	M 7
T 8	13 5 54	18°22'39	21°36	16° 6	24°24	5°56	3°17	8°16	10° 1	15°12	16°35	22° 5	23°17	19°24	2°18	T 8
W 9	13 9 51	19°21'25	3♎31	18°10	25°35	6° 1	3° 9	8°23	9°59	15°13	16°33	21°53	23°14	19°31	2°22	W 9
T 10	13 13 47	20°20'10	15°30	20°15	26°46	6° 5	3° 2	8°31	9°58	15°14	16°31	21°41	23°10	19°37	2°26	T 10
F 11	13 17 44	21°18'53	27°35	22°21	27°57	6° 8	2°55	8°38	9°57	15°16	16°30	21°30	23° 7	19°44	2°30	F 11
S 12	13 21 40	22°17'34	9♏47	24°28	29° 8	6°11	2°48	8°46	9°55	15°17	16°28	21°21	23° 4	19°51	2°34	S 12
S 13	13 25 37	23°16'13	22° 6	26°35	0♊19	6°13	2°41	8°53	9°54	15°19	16°26	21°15	23° 1	19°57	2°37	S 13
M14	13 29 34	24°14'50	4♐36	28°42	1°29	6°15	2°34	9° 0	9°53	15°20	16°25	21°11	22°58	20° 4	2°41	M14
T 15	13 33 30	25°13'26	17°17	0♉49	2°40	6°R15	2°28	9° 8	9°51	15°22	16°23	21°D10	22°55	20°11	2°45	T 15
W16	13 37 27	26°11'59	0♑12	2°56	3°50	6°15	2°21	9°15	9°50	15°23	16°21	21°10	22°51	20°18	2°49	W16
T 17	13 41 23	27°10'31	13°23	5° 2	5° 0	6°15	2°15	9°22	9°48	15°25	16°20	21°11	22°48	20°24	2°53	T 17
F 18	13 45 20	28° 9'02	26°54	7° 7	6°11	6°13	2° 8	9°30	9°46	15°27	16°18	21°R12	22°45	20°31	2°57	F 18
S 19	13 49 16	29° 7'31	10♒45	9°11	7°21	6°11	2° 2	9°37	9°45	15°28	16°16	21°11	22°42	20°38	3° 1	S 19
S 20	13 53 13	0♉ 5'58	24°59	11°13	8°31	6° 8	1°56	9°44	9°43	15°30	16°15	21° 9	22°39	20°44	3° 5	S 20
M21	13 57 9	1° 4'24	9♓32	13°14	9°41	6° 4	1°50	9°51	9°41	15°32	16°13	21° 4	22°36	20°51	3° 9	M21
T 22	14 1 6	2° 2'48	24°21	15°12	10°50	5°59	1°44	9°59	9°40	15°33	16°11	20°58	22°32	20°58	3°13	T 22
W23	14 5 3	3° 1'10	9♈19	17° 8	12° 0	5°54	1°38	10° 6	9°38	15°35	16°10	20°51	22°29	21° 5	3°17	W23
T 24	14 8 59	3°59'30	24°17	19° 1	13° 9	5°48	1°33	10°13	9°36	15°37	16° 8	20°43	22°26	21°11	3°21	T 24
F 25	14 12 56	4°57'49	9♉ 6	20°51	14°19	5°41	1°27	10°20	9°34	15°39	16° 7	20°37	22°23	21°18	3°25	F 25
S 26	14 16 52	5°56'07	23°38	22°38	15°28	5°33	1°22	10°27	9°32	15°41	16° 5	20°32	22°20	21°25	3°29	S 26
S 27	14 20 49	6°54'22	7♊48	24°21	16°37	5°25	1°17	10°34	9°30	15°42	16° 3	20°30	22°16	21°32	3°33	S 27
M28	14 24 45	7°52'35	21°31	26° 1	17°47	5°16	1°11	10°41	9°28	15°44	16° 2	20°D29	22°13	21°38	3°37	M28
T 29	14 28 42	8°50'47	4♋47	27°37	18°55	5° 6	1° 7	10°48	9°26	15°46	16° 0	20°30	22°10	21°45	3°41	T 29
W30	14 32 38	9♉48'56	17♋39	29♉ 9	20♊ 4	4♐55	1♎ 2	10♈55	9♐24	15♊48	15♎59	20♐31	22♐ 7	21♍52	3♉45	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n33	23n 5	0s21	0s50	1s51	17n25	0n47	20s19	0n52	0s10	1n37	0n56	2s11	21s56	0n 4	21n15	1s24	9n47	17n44	23s16	23s19	0s12	11n30	0s40
W 2	4 56	21 41	1 28	0n 1	1 46	17 49	0 50	20 22	0 51	0 7	1 37	0 58	2 11	21 56	0 4	21 15	1 24	9 47	17 44	23 16	23 19	0 15	11 32	0 40
T 3	5 19	19 16	2 28	0 53	1 40	18 12	0 53	20 25	0 49	0 4	1 37	1 1	2 11	21 56	0 4	21 15	1 24	9 48	17 44	23 16	23 19	0 18	11 33	0 40
F 4	5 42	16 2	3 21	1 45	1 33	18 35	0 57	20 28	0 48	0 1	1 36	1 4	2 12	21 55	0 4	21 15	1 24	9 49	17 44	23 16	23 19	0 20	11 34	0 40
S 5	6 5	12 11	4 4	2 39	1 26	18 57	1 0	20 31	0 46	0n 1	1 36	1 7	2 12	21 55	0 4	21 16	1 24	9 49	17 44	23 16	23 19	0 23	11 35	0 40
S 6	6 28	7 54	4 36	3 33	1 19	19 19	1 3	20 33	0 45	0 4	1 36	1 10	2 12	21 55	0 4	21 16	1 24	9 50	17 44	23 15	23 19	0 26	11 37	0 41
M 7	6 50	3 22	4 55	4 28	1 11	19 40	1 6	20 36	0 43	0 7	1 36	1 13	2 12	21 55	0 4	21 16	1 23	9 51	17 44	23 15	23 18	0 29	11 38	0 41
T 8	7 13	1s18	5 2	5 23	1 3	20 1	1 9	20 39	0 42	0 10	1 36	1 16	2 12	21 55	0 4	21 16	1 23	9 51	17 44	23 14	23 18	0 31	11 39	0 41
W 9	7 35	5 56	4 56	6 19	0 54	20 21	1 12	20 41	0 40	0 13	1 36	1 19	2 12	21 55	0 4	21 16	1 23	9 52	17 44	23 13	23 18	0 34	11 40	0 41
T 10	7 57	10 22	4 37	7 15	0 44	20 41	1 16	20 44	0 38	0 16	1 36	1 22	2 12	21 55	0 4	21 16	1 23	9 52	17 44	23 13	23 18	0 37	11 42	0 41
F 11	8 19	14 27	4 6	8 11	0 35	21 1	1 19	20 46	0 36	0 18	1 36	1 25	2 12	21 54	0 4	21 17	1 23	9 53	17 44	23 12	23 18	0 39	11 43	0 41
S 12	8 41	17 57	3 22	9 7	0 25	21 19	1 22	20 48	0 35	0 21	1 36	1 27	2 12	21 54	0 4	21 17	1 23	9 54	17 44	23 11	23 18	0 42	11 44	0 41
S 13	9 3	20 43	2 29	10 3	0 14	21 37	1 25	20 51	0 33	0 24	1 36	1 30	2 12	21 54	0 4	21 17	1 23	9 54	17 44	23 11	23 17	0 45	11 45	0 41
M14	9 25	22 31	1 28	10 58	0 4	21 55	1 28	20 53	0 31	0 26	1 36	1 33	2 12	21 54	0 4	21 17	1 23	9 55	17 44	23 11	23 17	0 47	11 47	0 41
T 15	9 46	23 13	0 21	11 53	0n 7	22 12	1 31	20 55	0 29	0 29	1 36	1 36	2 12	21 54	0 4	21 18	1 23	9 55	17 44	23 11	23 17	0 50	11 48	0 41
W16	10 8	22 40	0n48	12 47	0 18	22 29	1 33	20 57	0 27	0 31	1 35	1 39	2 12	21 53	0 4	21 18	1 23	9 56	17 44	23 11	23 17	0 53	11 49	0 41
T 17	10 29	20 52	1 56	13 40	0 29	22 45	1 36	20 59	0 25	0 34	1 35	1 42	2 12	21 53	0 4	21 18	1 23	9 56	17 43	23 11	23 17	0 55	11 51	0 41
F 18	10 50	17 52	3 0	14 32	0 40	23 0	1 39	21 0	0 23	0 36	1 35	1 44	2 12	21 53	0 4	21 18	1 23	9 57	17 43	23 11	23 17	0 58	11 52	0 41
S 19	11 11	13 48	3 54	15 22	0 50	23 15	1 42	21 2	0 20	0 39	1 35	1 47	2 12	21 53	0 4	21 18	1 23	9 57	17 43	23 11	23 16	1 1	11 53	0 42
S 20	11 31	8 53	4 36	16 11	1 1	23 29	1 45	21 4	0 18	0 41	1 35	1 50	2 13	21 52	0 4	21 19	1 23	9 58	17 43	23 11	23 16	1 3	11 54	0 42
M21	11 52	3 22	5 1	16 58	1 11	23 42	1 47	21 5	0 16	0 43	1 35	1 53	2 13	21 52	0 4	21 19	1 23	9 58	17 43	23 10	23 16	1 6	11 56	0 42
T 22	12 12	2n26	5 6	17 43	1 21	23 55	1 50	21 7	0 14	0 45	1 35	1 55	2 13	21 52	0 4	21 19	1 23	9 59	17 43	23 10	23 16	1 9	11 57	0 42
W23	12 32	8 9	4 51	18 26	1 31	24 7	1 53	21 8	0 11	0 47	1 34	1 58	2 13	21 52	0 4	21 19	1 23	9 59	17 43	23 9	23 16	1 11	11 58	0 42
T 24	12 52	13 24	4 16	19 6	1 40	24 19	1 55	21 10	0 9	0 50	1 34	2 1	2 13	21 51	0 4	21 20	1 23	10 0	17 43	23 9	23 15	1 14	12 0	0 42
F 25	13 12	17 47	3 24	19 44	1 49	24 30	1 58	21 11	0 6	0 52	1 34	2 3	2 13	21 51	0 4	21 20	1 23	10 0	17 42	23 8	23 15	1 16	12 1	0 42
S 26	13 31	20 58	2 20	20 20	1 57	24 40	2 0	21 12	0 4	0 54	1 34	2 6	2 13	21 51	0 4	21 20	1 23	10 0	17 42	23 8	23 15	1 19	12 2	0 42
S 27	13 50	22 46	1 8	20 53	2 4	24 50	2 3	21 13	0 1	0 55	1 34	2 9	2 13	21 51	0 4	21 20	1 23	10 1	17 42	23 8	23 15	1 22	12 3	0 42
M28	14 9	23 7	0s 6	21 24	2 10	24 59	2 5	21 14	0s 2	0 57	1 34	2 11	2 13	21 50	0 4	21 20	1 23	10 1	17 42	23 8	23 15	1 24	12 5	0 42
T 29	14 28	22 40	1 17	21 52	2 16	25 7	2 7	21 15	0 4	0 59	1 33	2 14	2 13	21 50	0 4	21 21	1 23	10 2	17 42	23 8	23 15	1 27	12 6	0 42
W30	14n47	19n58	2s22	22n18	2n21	25n15	2n 9	21s16	0s 7	1n 1	1n33	2n17	2s14	21s50	0n 4	21n21	1s23	10n 2	17n41	23s 8	23s14	1s30	12n 7	0s42

Julian Day Number = 2353750.5, Delta T = 11.57 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'09, Lahiri = 20°07'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

MAY 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 35	10♉47'04	0♌10	0♊38	21♊13	4°R44	0°R57	11♈ 2	9°R22	15♊50	15°R57	20♐33	22♐ 4	21♍58	3♉49	T 1
F 2	14 40 32	11°45'09	12°24	2° 2	22°22	4♐32	0♎53	11° 9	9♐20	15°52	15♎56	20°R33	22° 1	22° 5	3°53	F 2
S 3	14 44 28	12°43'13	24°26	3°23	23°30	4°19	0°48	11°16	9°18	15°54	15°54	20°32	21°57	22°12	3°57	S 3
S 4	14 48 25	13°41'14	6♍21	4°39	24°38	4° 6	0°44	11°22	9°16	15°56	15°53	20°30	21°54	22°19	4° 1	S 4
M 5	14 52 21	14°39'14	18°13	5°51	25°46	3°51	0°40	11°29	9°14	15°58	15°52	20°26	21°51	22°25	4° 4	M 5
T 6	14 56 18	15°37'12	0♎ 6	6°59	26°54	3°37	0°37	11°36	9°12	16° 0	15°50	20°21	21°48	22°32	4° 8	T 6
W 7	15 0 14	16°35'08	12° 4	8° 2	28° 2	3°21	0°33	11°42	9°10	16° 2	15°49	20°15	21°45	22°39	4°12	W 7
T 8	15 4 11	17°33'02	24° 8	9° 1	29°10	3° 5	0°30	11°49	9° 7	16° 4	15°47	20° 9	21°41	22°46	4°16	T 8
F 9	15 8 7	18°30'55	6♏22	9°55	0♋17	2°49	0°26	11°56	9° 5	16° 6	15°46	20° 4	21°38	22°52	4°20	F 9
S 10	15 12 4	19°28'46	18°46	10°45	1°25	2°32	0°23	12° 2	9° 3	16° 8	15°45	20° 0	21°35	22°59	4°24	S 10
S 11	15 16 0	20°26'36	1♐22	11°31	2°32	2°14	0°20	12° 9	9° 0	16°10	15°43	19°57	21°32	23° 6	4°28	S 11
M12	15 19 57	21°24'24	14° 9	12°11	3°39	1°56	0°17	12°15	8°58	16°12	15°42	19°D56	21°29	23°12	4°32	M12
T 13	15 23 54	22°22'11	27° 9	12°47	4°46	1°38	0°15	12°21	8°56	16°14	15°41	19°56	21°26	23°19	4°35	T 13
W14	15 27 50	23°19'57	10♑22	13°18	5°52	1°19	0°12	12°28	8°54	16°16	15°40	19°57	21°22	23°26	4°39	W14
T 15	15 31 47	24°17'42	23°48	13°45	6°59	0°59	0°10	12°34	8°51	16°18	15°38	19°58	21°19	23°33	4°43	T 15
F 16	15 35 43	25°15'25	7♒28	14° 6	8° 5	0°40	0° 8	12°40	8°49	16°20	15°37	20° 0	21°16	23°39	4°47	F 16
S 17	15 39 40	26°13'07	21°22	14°23	9°11	0°20	0° 6	12°46	8°46	16°22	15°36	20°R 0	21°13	23°46	4°51	S 17
S 18	15 43 36	27°10'49	5♓30	14°35	10°17	29♏59	0° 4	12°53	8°44	16°24	15°35	20° 0	21°10	23°53	4°54	S 18
M19	15 47 33	28° 8'29	19°49	14°42	11°23	29°39	0° 3	12°59	8°42	16°26	15°34	19°59	21° 7	23°59	4°58	M19
T 20	15 51 29	29° 6'08	4♈17	14°R44	12°28	29°18	0° 2	13° 5	8°39	16°29	15°33	19°57	21° 3	24° 6	5° 2	T 20
W21	15 55 26	0♊ 3'46	18°50	14°42	13°34	28°57	0° 0	13°11	8°37	16°31	15°31	19°55	21° 0	24°13	5° 6	W21
T 22	15 59 23	1° 1'24	3♉22	14°35	14°39	28°36	29♍59	13°17	8°34	16°33	15°30	19°52	20°57	24°20	5° 9	T 22
F 23	16 3 19	1°59'00	17°47	14°24	15°44	28°15	29°59	13°22	8°32	16°35	15°29	19°50	20°54	24°26	5°13	F 23
S 24	16 7 16	2°56'35	2♊ 0	14° 9	16°48	27°54	29°58	13°28	8°29	16°37	15°28	19°48	20°51	24°33	5°17	S 24
S 25	16 11 12	3°54'09	15°55	13°50	17°53	27°33	29°57	13°34	8°27	16°39	15°27	19°D48	20°47	24°40	5°20	S 25
M26	16 15 9	4°51'42	29°30	13°27	18°57	27°13	29°57	13°40	8°24	16°42	15°26	19°48	20°44	24°47	5°24	M26
T 27	16 19 5	5°49'14	12♋43	13° 2	20° 1	26°52	29°D57	13°45	8°22	16°44	15°25	19°49	20°41	24°53	5°27	T 27
W28	16 23 2	6°46'44	25°35	12°33	21° 5	26°32	29°57	13°51	8°19	16°46	15°25	19°50	20°38	25° 0	5°31	W28
T 29	16 26 59	7°44'14	8♌ 8	12° 3	22° 8	26°11	29°57	13°56	8°17	16°48	15°24	19°51	20°35	25° 7	5°34	T 29
F 30	16 30 55	8°41'42	20°25	11°31	23°12	25°51	29°58	14° 2	8°15	16°51	15°23	19°52	20°32	25°13	5°38	F 30
S 31	16 34 52	9♊39'08	2♍29	10♊58	24♋14	25♏32	29♍59	14♈ 7	8♐12	16♊53	15♎22	19♐52	20♐28	25♍20	5♉41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 5	16n55	3s19	22n41	2n25	25n22	2n11	21s16	0s10	1n 2	1n33	2n19	2s14	21s49	0n 4	21n21	1s22	10n 2	17n41	23s 8	23s14	1s32	12n 8	0s43
F 2	15 23	13 11	4 5	23 2	2 29	25 28	2 13	21 17	0 12	1 4	1 33	2 22	2 14	21 49	0 4	21 21	1 22	10 3	17 41	23 8	23 14	1 35	12 10	0 43
S 3	15 41	9 0	4 39	23 20	2 31	25 34	2 15	21 17	0 15	1 6	1 33	2 24	2 14	21 49	0 4	21 22	1 22	10 3	17 41	23 8	23 14	1 38	12 11	0 43
S 4	15 58	4 32	5 1	23 36	2 33	25 39	2 17	21 18	0 18	1 7	1 32	2 27	2 14	21 48	0 4	21 22	1 22	10 3	17 40	23 8	23 14	1 40	12 12	0 43
M 5	16 15	0s 6	5 10	23 50	2 33	25 43	2 19	21 18	0 21	1 8	1 32	2 29	2 14	21 48	0 4	21 22	1 22	10 3	17 40	23 8	23 13	1 43	12 13	0 43
T 6	16 32	4 43	5 6	24 1	2 33	25 47	2 21	21 18	0 24	1 10	1 32	2 32	2 14	21 48	0 4	21 22	1 22	10 4	17 40	23 7	23 13	1 46	12 15	0 43
W 7	16 49	9 12	4 49	24 10	2 32	25 50	2 22	21 18	0 27	1 11	1 32	2 34	2 15	21 47	0 4	21 23	1 22	10 4	17 39	23 7	23 13	1 48	12 16	0 43
T 8	17 6	13 22	4 18	24 17	2 29	25 52	2 24	21 18	0 30	1 12	1 31	2 37	2 15	21 47	0 4	21 23	1 22	10 4	17 39	23 6	23 13	1 51	12 17	0 43
F 9	17 22	17 3	3 36	24 22	2 26	25 54	2 25	21 18	0 33	1 13	1 31	2 39	2 15	21 47	0 4	21 23	1 22	10 4	17 39	23 6	23 13	1 53	12 18	0 43
S 10	17 38	20 2	2 42	24 26	2 22	25 55	2 27	21 17	0 36	1 14	1 31	2 42	2 15	21 46	0 4	21 23	1 22	10 5	17 38	23 6	23 12	1 56	12 20	0 43
S 11	17 53	22 6	1 40	24 27	2 16	25 55	2 28	21 17	0 39	1 15	1 31	2 44	2 15	21 46	0 4	21 23	1 22	10 5	17 38	23 6	23 12	1 59	12 21	0 43
M12	18 8	23 3	0 32	24 26	2 10	25 55	2 29	21 16	0 42	1 16	1 31	2 46	2 15	21 46	0 4	21 24	1 22	10 5	17 38	23 5	23 12	2 1	12 22	0 44
T 13	18 23	22 47	0n40	24 23	2 3	25 53	2 30	21 16	0 46	1 17	1 30	2 49	2 15	21 45	0 4	21 24	1 22	10 5	17 37	23 5	23 12	2 4	12 23	0 44
W14	18 38	21 15	1 50	24 19	1 54	25 52	2 31	21 15	0 49	1 18	1 30	2 51	2 16	21 45	0 4	21 24	1 22	10 5	17 37	23 6	23 12	2 7	12 24	0 44
T 15	18 52	18 30	2 55	24 13	1 45	25 49	2 32	21 14	0 52	1 18	1 30	2 53	2 16	21 45	0 4	21 24	1 22	10 5	17 37	23 6	23 11	2 9	12 26	0 44
F 16	19 6	14 41	3 52	24 5	1 34	25 46	2 33	21 13	0 55	1 19	1 30	2 56	2 16	21 44	0 4	21 25	1 22	10 5	17 36	23 6	23 11	2 12	12 27	0 44
S 17	19 20	10 2	4 36	23 56	1 23	25 43	2 34	21 12	0 58	1 20	1 29	2 58	2 16	21 44	0 4	21 25	1 22	10 6	17 36	23 6	23 11	2 14	12 28	0 44
S 18	19 33	4 47	5 4	23 45	1 11	25 38	2 34	21 11	1 1	1 20	1 29	3 0	2 16	21 44	0 4	21 25	1 22	10 6	17 36	23 6	23 11	2 17	12 29	0 44
M19	19 46	0n47	5 14	23 33	0 58	25 33	2 35	21 9	1 5	1 20	1 29	3 2	2 16	21 43	0 4	21 25	1 22	10 6	17 35	23 6	23 11	2 20	12 30	0 44
T 20	19 59	6 22	5 5	23 19	0 44	25 28	2 35	21 8	1 8	1 21	1 29	3 4	2 17	21 43	0 4	21 26	1 22	10 6	17 35	23 6	23 10	2 22	12 31	0 44
W21	20 12	11 38	4 36	23 4	0 29	25 21	2 35	21 6	1 11	1 21	1 28	3 7	2 17	21 42	0 4	21 26	1 22	10 6	17 34	23 5	23 10	2 25	12 32	0 44
T 22	20 24	16 14	3 49	22 48	0 13	25 14	2 35	21 5	1 14	1 21	1 28	3 9	2 17	21 42	0 4	21 26	1 22	10 6	17 34	23 5	23 10	2 28	12 34	0 44
F 23	20 35	19 50	2 47	22 31	0s 3	25 7	2 35	21 3	1 17	1 21	1 28	3 11	2 17	21 42	0 4	21 26	1 22	10 6	17 34	23 5	23 10	2 30	12 35	0 45
S 24	20 47	22 10	1 37	22 12	0 20	24 59	2 35	21 2	1 20	1 21	1 28	3 13	2 17	21 41	0 4	21 27	1 22	10 6	17 33	23 5	23 9	2 33	12 36	0 45
S 25	20 58	23 5	0 21	21 53	0 37	24 50	2 35	21 0	1 23	1 21	1 27	3 15	2 17	21 41	0 4	21 27	1 22	10 6	17 33	23 5	23 9	2 35	12 37	0 45
M26	21 8	22 35	0s53	21 33	0 54	24 41	2 35	20 58	1 26	1 21	1 27	3 17	2 18	21 41	0 4	21 27	1 22	10 6	17 32	23 5	23 9	2 38	12 38	0 45
T 27	21 18	20 49	2 3	21 13	1 11	24 31	2 34	20 56	1 29	1 21	1 27	3 19	2 18	21 40	0 4	21 27	1 22	10 6	17 32	23 5	23 9	2 41	12 39	0 45
W28	21 28	18 1	3 5	20 52	1 29	24 21	2 33	20 54	1 32	1 21	1 27	3 21	2 18	21 40	0 4	21 27	1 22	10 6	17 31	23 5	23 9	2 43	12 40	0 45
T 29	21 38	14 27	3 56	20 31	1 46	24 10	2 33	20 52	1 35	1 20	1 26	3 23	2 18	21 39	0 4	21 28	1 22	10 5	17 31	23 5	23 8	2 46	12 41	0 45
F 30	21 47	10 21	4 36	20 10	2 3	23 58	2 32	20 50	1 38	1 20	1 26	3 25	2 18	21 39	0 4	21 28	1 22	10 5	17 30	23 5	23 8	2 48	12 42	0 45
S 31	21n56	5n54	5s 2	19n49	2s19	23n46	2n31	20s48	1s41	1n19	1n26	3n27	2s19	21s39	0n 4	21n28	1s22	10n 5	17n30	23s 5	23s 8	2s51	12n43	0s45

Julian Day Number = 2353780.5, Delta T = 11.59 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'13, Lahiri = 20°07'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

JUNE 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 48	10♊36'34	14♍25	10°R25	25♋17	25°R13	29♍59	14♈12	8°R10	16♊55	15°R21	19°R52	20♐25	25♍27	5♉45	S 1
M 2	16 42 45	11°33'58	26°19	9♊51	26°20	24♏54	0♎ 0	14°17	8♐ 7	16°57	15♎21	19♐52	20°22	25°34	5°48	M 2
T 3	16 46 41	12°31'21	8♎13	9°18	27°22	24°35	0° 2	14°23	8° 5	16°59	15°20	19°51	20°19	25°40	5°52	T 3
W 4	16 50 38	13°28'43	20°14	8°47	28°23	24°18	0° 3	14°28	8° 2	17° 2	15°19	19°51	20°16	25°47	5°55	W 4
T 5	16 54 34	14°26'04	2♏23	8°17	29°25	24° 0	0° 4	14°33	8° 0	17° 4	15°18	19°50	20°13	25°54	5°58	T 5
F 6	16 58 31	15°23'24	14°44	7°49	0♌26	23°44	0° 6	14°38	7°57	17° 6	15°18	19°49	20° 9	26° 1	6° 2	F 6
S 7	17 2 28	16°20'43	27°20	7°24	1°27	23°27	0° 8	14°42	7°55	17° 8	15°17	19°49	20° 6	26° 7	6° 5	S 7
S 8	17 6 24	17°18'01	10♐12	7° 2	2°27	23°12	0°10	14°47	7°52	17°11	15°17	19°49	20° 3	26°14	6° 8	S 8
M 9	17 10 21	18°15'19	23°20	6°44	3°28	22°57	0°12	14°52	7°50	17°13	15°16	19°D49	20° 0	26°21	6°11	M 9
T 10	17 14 17	19°12'36	6♑43	6°30	4°27	22°43	0°15	14°57	7°48	17°15	15°16	19°49	19°57	26°27	6°14	T 10
W11	17 18 14	20° 9'53	20°21	6°19	5°27	22°29	0°17	15° 1	7°45	17°17	15°15	19°R49	19°53	26°34	6°18	W11
T 12	17 22 10	21° 7'09	4♒11	6°13	6°26	22°16	0°20	15° 6	7°43	17°20	15°15	19°49	19°50	26°41	6°21	T 12
F 13	17 26 7	22° 4'24	18°11	6°D11	7°24	22° 4	0°23	15°10	7°40	17°22	15°14	19°48	19°47	26°48	6°24	F 13
S 14	17 30 3	23° 1'39	2♓18	6°14	8°23	21°53	0°26	15°14	7°38	17°24	15°14	19°48	19°44	26°54	6°27	S 14
S 15	17 34 0	23°58'54	16°31	6°21	9°20	21°42	0°29	15°19	7°36	17°26	15°13	19°48	19°41	27° 1	6°30	S 15
M16	17 37 57	24°56'09	0♈45	6°33	10°18	21°32	0°33	15°23	7°33	17°29	15°13	19°D48	19°38	27° 8	6°33	M16
T 17	17 41 53	25°53'24	15° 0	6°49	11°15	21°23	0°36	15°27	7°31	17°31	15°13	19°48	19°34	27°14	6°36	T 17
W18	17 45 50	26°50'38	29°11	7°11	12°11	21°15	0°40	15°31	7°29	17°33	15°13	19°49	19°31	27°21	6°38	W18
T 19	17 49 46	27°47'53	13♉16	7°37	13° 7	21° 7	0°44	15°35	7°26	17°35	15°12	19°49	19°28	27°28	6°41	T 19
F 20	17 53 43	28°45'07	27°13	8° 7	14° 2	21° 1	0°48	15°39	7°24	17°37	15°12	19°50	19°25	27°35	6°44	F 20
S 21	17 57 39	29°42'21	11♊ 0	8°42	14°57	20°55	0°52	15°42	7°22	17°40	15°12	19°51	19°22	27°41	6°47	S 21
S 22	18 1 36	0♋39'35	24°32	9°22	15°52	20°50	0°57	15°46	7°20	17°42	15°12	19°R51	19°19	27°48	6°50	S 22
M23	18 5 32	1°36'49	7♋50	10° 6	16°46	20°46	1° 1	15°50	7°18	17°44	15°12	19°50	19°15	27°55	6°52	M23
T 24	18 9 29	2°34'03	20°51	10°54	17°39	20°43	1° 6	15°53	7°15	17°46	15°12	19°49	19°12	28° 2	6°55	T 24
W25	18 13 26	3°31'16	3♌36	11°47	18°32	20°40	1°11	15°56	7°13	17°48	15°D12	19°47	19° 9	28° 8	6°57	W25
T 26	18 17 22	4°28'29	16° 5	12°43	19°24	20°39	1°16	16° 0	7°11	17°51	15°12	19°45	19° 6	28°15	7° 0	T 26
F 27	18 21 19	5°25'41	28°20	13°44	20°16	20°D38	1°21	16° 3	7° 9	17°53	15°12	19°43	19° 3	28°22	7° 2	F 27
S 28	18 25 15	6°22'53	10♍25	14°50	21° 7	20°38	1°26	16° 6	7° 7	17°55	15°12	19°41	18°59	28°28	7° 5	S 28
S 29	18 29 12	7°20'05	22°21	15°59	21°57	20°39	1°32	16° 9	7° 5	17°57	15°12	19°40	18°56	28°35	7° 7	S 29
M30	18 33 8	8♋17'16	4♎15	17♊12	22♌46	20♏41	1♎37	16♈12	7♐ 3	17♊59	15♎12	19°D39	18♐53	28♍42	7♉10	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 4	1n18	5s15	19n29	2s35	23n34	2n30	20s47	1s44	1n19	1n26	3n29	2s19	21s38	0n 4	21n28	1s22	10n 5	17n29	23s 5	23s 8	2s54	12n44	0s46
M 2	22 12	3s20	5 14	19 9	2 50	23 21	2 28	20 45	1 47	1 18	1 25	3 30	2 19	21 38	0 4	21 29	1 22	10 5	17 29	23 5	23 7	2 56	12 45	0 46
T 3	22 20	7 52	5 0	18 50	3 4	23 7	2 27	20 43	1 49	1 17	1 25	3 32	2 19	21 38	0 4	21 29	1 22	10 5	17 29	23 5	23 7	2 59	12 46	0 46
W 4	22 27	12 8	4 33	18 33	3 17	22 53	2 25	20 41	1 52	1 17	1 25	3 34	2 19	21 37	0 4	21 29	1 22	10 5	17 28	23 5	23 7	3 1	12 47	0 46
T 5	22 34	15 58	3 54	18 16	3 29	22 39	2 24	20 39	1 55	1 16	1 25	3 36	2 20	21 37	0 4	21 29	1 22	10 4	17 28	23 5	23 7	3 4	12 48	0 46
F 6	22 40	19 11	3 2	18 1	3 40	22 24	2 22	20 37	1 57	1 15	1 24	3 37	2 20	21 36	0 4	21 29	1 22	10 4	17 27	23 5	23 6	3 6	12 49	0 46
S 7	22 46	21 34	2 1	17 48	3 50	22 8	2 20	20 36	2 0	1 14	1 24	3 39	2 20	21 36	0 4	21 30	1 22	10 4	17 27	23 5	23 6	3 9	12 50	0 46
S 8	22 52	22 53	0 53	17 37	3 58	21 52	2 18	20 34	2 2	1 13	1 24	3 41	2 20	21 36	0 4	21 30	1 22	10 4	17 26	23 5	23 6	3 12	12 51	0 46
M 9	22 57	22 59	0n19	17 27	4 5	21 36	2 15	20 33	2 5	1 12	1 24	3 42	2 21	21 35	0 4	21 30	1 22	10 3	17 25	23 5	23 6	3 14	12 52	0 46
T 10	23 2	21 46	1 32	17 19	4 10	21 19	2 13	20 31	2 7	1 11	1 23	3 44	2 21	21 35	0 4	21 30	1 22	10 3	17 25	23 5	23 6	3 17	12 53	0 47
W11	23 7	19 16	2 41	17 13	4 14	21 2	2 10	20 30	2 9	1 9	1 23	3 45	2 21	21 34	0 4	21 31	1 22	10 3	17 24	23 5	23 5	3 19	12 54	0 47
T 12	23 11	15 39	3 42	17 9	4 17	20 45	2 7	20 29	2 11	1 8	1 23	3 47	2 21	21 34	0 4	21 31	1 22	10 2	17 24	23 5	23 5	3 22	12 55	0 47
F 13	23 14	11 7	4 30	17 7	4 19	20 27	2 4	20 27	2 13	1 7	1 23	3 48	2 22	21 34	0 4	21 31	1 22	10 2	17 23	23 5	23 5	3 25	12 56	0 47
S 14	23 17	5 58	5 2	17 8	4 19	20 9	2 1	20 26	2 15	1 5	1 22	3 50	2 22	21 33	0 4	21 31	1 22	10 2	17 23	23 5	23 5	3 27	12 57	0 47
S 15	23 20	0 28	5 16	17 10	4 18	19 50	1 58	20 26	2 17	1 4	1 22	3 51	2 22	21 33	0 4	21 31	1 22	10 1	17 22	23 5	23 4	3 30	12 58	0 47
M16	23 23	5n 3	5 11	17 13	4 16	19 31	1 54	20 25	2 19	1 2	1 22	3 53	2 22	21 33	0 4	21 32	1 22	10 1	17 22	23 5	23 4	3 32	12 59	0 47
T 17	23 25	10 19	4 47	17 19	4 13	19 12	1 51	20 24	2 21	1 0	1 22	3 54	2 22	21 32	0 4	21 32	1 22	10 1	17 21	23 5	23 4	3 35	12 59	0 47
W18	23 26	15 1	4 5	17 27	4 9	18 53	1 47	20 24	2 23	0 59	1 21	3 55	2 23	21 32	0 4	21 32	1 22	10 0	17 21	23 5	23 4	3 37	13 0	0 47
T 19	23 27	18 51	3 9	17 36	4 4	18 33	1 43	20 23	2 25	0 57	1 21	3 57	2 23	21 32	0 4	21 32	1 22	10 0	17 20	23 5	23 3	3 40	13 1	0 48
F 20	23 28	21 33	2 2	17 46	3 58	18 13	1 39	20 23	2 26	0 55	1 21	3 58	2 23	21 31	0 4	21 32	1 22	9 59	17 20	23 5	23 3	3 42	13 2	0 48
S 21	23 28	22 56	0 49	17 58	3 51	17 52	1 34	20 23	2 28	0 53	1 21	3 59	2 23	21 31	0 3	21 33	1 22	9 59	17 19	23 5	23 3	3 45	13 3	0 48
S 22	23 28	22 56	0s26	18 12	3 44	17 32	1 30	20 23	2 29	0 51	1 20	4 0	2 24	21 30	0 3	21 33	1 22	9 58	17 18	23 5	23 3	3 48	13 3	0 48
M23	23 28	21 37	1 38	18 26	3 36	17 11	1 25	20 24	2 31	0 49	1 20	4 1	2 24	21 30	0 3	21 33	1 22	9 58	17 18	23 5	23 2	3 50	13 4	0 48
T 24	23 27	19 10	2 43	18 42	3 27	16 50	1 20	20 24	2 32	0 47	1 20	4 2	2 24	21 30	0 3	21 33	1 22	9 57	17 17	23 5	23 2	3 53	13 5	0 48
W25	23 26	15 50	3 39	18 58	3 17	16 29	1 15	20 25	2 34	0 45	1 20	4 3	2 24	21 29	0 3	21 33	1 22	9 57	17 17	23 5	23 2	3 55	13 6	0 48
T 26	23 24	11 51	4 23	19 16	3 7	16 7	1 10	20 26	2 35	0 43	1 19	4 4	2 25	21 29	0 3	21 34	1 22	9 56	17 16	23 5	23 2	3 58	13 6	0 48
F 27	23 22	7 28	4 54	19 34	2 56	15 46	1 4	20 27	2 36	0 40	1 19	4 5	2 25	21 29	0 3	21 34	1 22	9 56	17 16	23 4	23 1	4 0	13 7	0 49
S 28	23 19	2 52	5 11	19 52	2 45	15 24	0 58	20 28	2 38	0 38	1 19	4 6	2 25	21 28	0 3	21 34	1 22	9 55	17 15	23 4	23 1	4 3	13 8	0 49
S 29	23 16	1s47	5 15	20 11	2 34	15 2	0 53	20 29	2 39	0 36	1 19	4 7	2 26	21 28	0 3	21 34	1 22	9 55	17 15	23 4	23 1	4 5	13 8	0 49
M30	23n13	6s21	5s 5	20n30	2s22	14n40	0n46	20s31	2s40	0n33	1n18	4n 8	2s26	21s28	0n 3	21n34	1s22	9n54	17n14	23s 4	23s 0	4s 8	13n 9	0s49

Julian Day Number = 2353811.5, Delta T = 11.60 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'17, Lahiri = 20°07'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

JULY 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 5	9♋14'28	16♎ 9	18♊29	23♌35	20♏44	1♎43	16♈15	7°R 1	18♊ 1	15♎12	19♐39	18♐50	28♍49	7♉12	T 1
W 2	18 41 1	10°11'39	28° 9	19°50	24°23	20°47	1°49	16°18	6♐59	18° 3	15°13	19°40	18°47	28°55	7°14	W 2
T 3	18 44 58	11° 8'50	10♏20	21°15	25°10	20°51	1°55	16°20	6°57	18° 5	15°13	19°42	18°44	29° 2	7°16	T 3
F 4	18 48 55	12° 6'01	22°45	22°44	25°57	20°56	2° 1	16°23	6°55	18° 8	15°13	19°43	18°40	29° 9	7°19	F 4
S 5	18 52 51	13° 3'11	5♐28	24°17	26°42	21° 2	2° 7	16°25	6°53	18°10	15°14	19°44	18°37	29°15	7°21	S 5
S 6	18 56 48	14° 0'22	18°31	25°53	27°27	21° 9	2°14	16°28	6°52	18°12	15°14	19°R45	18°34	29°22	7°23	S 6
M 7	19 0 44	14°57'33	1♑56	27°33	28°11	21°16	2°20	16°30	6°50	18°14	15°14	19°45	18°31	29°29	7°25	M 7
T 8	19 4 41	15°54'44	15°42	29°16	28°54	21°24	2°27	16°32	6°48	18°16	15°15	19°43	18°28	29°36	7°27	T 8
W 9	19 8 37	16°51'55	29°46	1♒ 2	29°36	21°33	2°34	16°34	6°46	18°18	15°15	19°40	18°25	29°42	7°29	W 9
T 10	19 12 34	17°49'07	14♒ 4	2°52	0♍16	21°43	2°41	16°36	6°45	18°20	15°16	19°36	18°21	29°49	7°31	T 10
F 11	19 16 30	18°46'19	28°31	4°45	0°56	21°53	2°48	16°38	6°43	18°22	15°16	19°32	18°18	29°56	7°33	F 11
S 12	19 20 27	19°43'31	13♓ 1	6°40	1°35	22° 4	2°55	16°40	6°41	18°24	15°17	19°28	18°15	0♎ 3	7°34	S 12
S 13	19 24 24	20°40'44	27°28	8°38	2°12	22°15	3° 3	16°42	6°40	18°26	15°17	19°26	18°12	0° 9	7°36	S 13
M14	19 28 20	21°37'58	11♈48	10°38	2°49	22°28	3°10	16°43	6°38	18°28	15°18	19°24	18° 9	0°16	7°38	M14
T 15	19 32 17	22°35'13	25°59	12°40	3°24	22°41	3°18	16°45	6°37	18°30	15°19	19°D24	18° 5	0°23	7°39	T 15
W16	19 36 13	23°32'28	9♉57	14°44	3°57	22°55	3°25	16°46	6°36	18°32	15°19	19°24	18° 2	0°29	7°41	W16
T 17	19 40 10	24°29'44	23°44	16°49	4°30	23° 9	3°33	16°47	6°34	18°33	15°20	19°26	17°59	0°36	7°42	T 17
F 18	19 44 6	25°27'01	7♊17	18°55	5° 1	23°24	3°41	16°49	6°33	18°35	15°21	19°27	17°56	0°43	7°44	F 18
S 19	19 48 3	26°24'19	20°38	21° 2	5°31	23°40	3°49	16°50	6°31	18°37	15°22	19°R28	17°53	0°50	7°45	S 19
S 20	19 52 0	27°21'38	3♋47	23° 9	5°59	23°56	3°58	16°51	6°30	18°39	15°22	19°27	17°50	0°56	7°47	S 20
M21	19 55 56	28°18'57	16°43	25°17	6°26	24°13	4° 6	16°52	6°29	18°41	15°23	19°24	17°46	1° 3	7°48	M21
T 22	19 59 53	29°16'18	29°28	27°24	6°51	24°30	4°14	16°52	6°28	18°43	15°24	19°19	17°43	1°10	7°49	T 22
W23	20 3 49	0♌13'38	12♌ 0	29°31	7°14	24°48	4°23	16°53	6°27	18°44	15°25	19°13	17°40	1°16	7°50	W23
T 24	20 7 46	1°11'00	24°20	1♌37	7°36	25° 7	4°32	16°54	6°26	18°46	15°26	19° 6	17°37	1°23	7°52	T 24
F 25	20 11 42	2° 8'22	6♍30	3°42	7°56	25°26	4°40	16°54	6°25	18°48	15°27	18°58	17°34	1°30	7°53	F 25
S 26	20 15 39	3° 5'44	18°31	5°47	8°14	25°46	4°49	16°54	6°24	18°50	15°28	18°51	17°31	1°37	7°54	S 26
S 27	20 19 35	4° 3'08	0♎26	7°50	8°31	26° 6	4°58	16°55	6°23	18°51	15°29	18°45	17°27	1°43	7°55	S 27
M28	20 23 32	5° 0'32	12°17	9°52	8°45	26°27	5° 7	16°55	6°22	18°53	15°30	18°40	17°24	1°50	7°56	M28
T 29	20 27 28	5°57'56	24°10	11°52	8°57	26°49	5°16	16°R55	6°21	18°55	15°31	18°37	17°21	1°57	7°56	T 29
W30	20 31 25	6°55'22	6♏ 8	13°52	9° 8	27°10	5°26	16°55	6°20	18°56	15°32	18°D36	17°18	2° 4	7°57	W30
T 31	20 35 22	7♌52'48	18♏16	15♌49	9♍16	27♏33	5♎35	16♈55	6♐19	18♊58	15♎33	18♐37	17♐15	2♎10	7♉58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 9	10s42	4s42	20n49	2s10	14n18	0n40	20s33	2s41	0n31	1n18	4n 9	2s26	21s27	0n 3	21n35	1s22	9n54	17n13	23s 4	23s 0	4s10	13n10	0s49
W 2	23 5	14 40	4 7	21 8	1 57	13 56	0 34	20 34	2 42	0 28	1 18	4 10	2 26	21 27	0 3	21 35	1 22	9 53	17 13	23 4	23 0	4 13	13 10	0 49
T 3	23 0	18 6	3 20	21 26	1 45	13 34	0 27	20 36	2 43	0 26	1 18	4 11	2 27	21 27	0 3	21 35	1 22	9 52	17 12	23 4	23 0	4 16	13 11	0 49
F 4	22 55	20 47	2 23	21 44	1 32	13 12	0 20	20 39	2 44	0 23	1 18	4 11	2 27	21 26	0 3	21 35	1 22	9 52	17 12	23 4	22 59	4 18	13 12	0 49
S 5	22 50	22 31	1 18	22 2	1 19	12 50	0 13	20 41	2 44	0 20	1 17	4 12	2 27	21 26	0 3	21 35	1 22	9 51	17 11	23 5	22 59	4 21	13 12	0 50
S 6	22 44	23 5	0 7	22 18	1 6	12 28	0 5	20 44	2 45	0 17	1 17	4 13	2 27	21 26	0 3	21 35	1 22	9 50	17 11	23 5	22 59	4 23	13 13	0 50
M 7	22 38	22 21	1n 6	22 34	0 54	12 5	0s 2	20 46	2 46	0 15	1 17	4 13	2 28	21 26	0 3	21 36	1 22	9 50	17 10	23 5	22 59	4 26	13 13	0 50
T 8	22 31	20 16	2 18	22 48	0 41	11 43	0 10	20 49	2 47	0 12	1 17	4 14	2 28	21 25	0 3	21 36	1 22	9 49	17 9	23 4	22 58	4 28	13 14	0 50
W 9	22 24	16 56	3 22	23 0	0 28	11 21	0 18	20 52	2 47	0 9	1 16	4 14	2 28	21 25	0 3	21 36	1 22	9 48	17 9	23 4	22 58	4 31	13 14	0 50
T 10	22 17	12 34	4 15	23 11	0 16	10 59	0 26	20 55	2 48	0 6	1 16	4 15	2 28	21 25	0 3	21 36	1 22	9 48	17 8	23 4	22 58	4 33	13 15	0 50
F 11	22 9	7 27	4 52	23 20	0 4	10 37	0 35	20 59	2 49	0 3	1 16	4 15	2 29	21 25	0 3	21 36	1 22	9 47	17 8	23 4	22 57	4 36	13 15	0 50
S 12	22 1	1 54	5 10	23 26	0n 8	10 15	0 44	21 2	2 49	0s 0	1 16	4 16	2 29	21 24	0 3	21 36	1 22	9 46	17 7	23 3	22 57	4 38	13 16	0 50
S 13	21 53	3n43	5 9	23 31	0 19	9 53	0 52	21 6	2 50	0 3	1 16	4 16	2 29	21 24	0 3	21 37	1 22	9 45	17 7	23 3	22 57	4 41	13 16	0 51
M14	21 44	9 6	4 49	23 33	0 30	9 32	1 2	21 9	2 50	0 6	1 15	4 17	2 30	21 24	0 3	21 37	1 22	9 45	17 6	23 3	22 57	4 43	13 17	0 51
T 15	21 35	13 57	4 11	23 32	0 40	9 10	1 11	21 13	2 51	0 10	1 15	4 17	2 30	21 24	0 3	21 37	1 22	9 44	17 6	23 3	22 56	4 46	13 17	0 51
W16	21 25	17 58	3 19	23 29	0 50	8 49	1 21	21 17	2 51	0 13	1 15	4 17	2 30	21 23	0 3	21 37	1 22	9 43	17 5	23 3	22 56	4 48	13 17	0 51
T 17	21 15	20 55	2 16	23 23	0 59	8 28	1 31	21 21	2 52	0 16	1 15	4 17	2 30	21 23	0 3	21 37	1 22	9 42	17 4	23 3	22 56	4 51	13 18	0 51
F 18	21 5	22 38	1 6	23 14	1 7	8 7	1 41	21 25	2 52	0 20	1 15	4 18	2 31	21 23	0 3	21 37	1 22	9 42	17 4	23 3	22 55	4 53	13 18	0 51
S 19	20 54	23 2	0s 6	23 3	1 14	7 47	1 51	21 30	2 52	0 23	1 14	4 18	2 31	21 23	0 3	21 37	1 22	9 41	17 3	23 3	22 55	4 56	13 18	0 51
S 20	20 43	22 8	1 17	22 49	1 21	7 27	2 2	21 34	2 52	0 26	1 14	4 18	2 31	21 22	0 3	21 38	1 22	9 40	17 3	23 3	22 55	4 58	13 19	0 52
M21	20 32	20 4	2 23	22 32	1 27	7 7	2 12	21 38	2 53	0 30	1 14	4 18	2 32	21 22	0 3	21 38	1 22	9 39	17 2	23 3	22 55	5 1	13 19	0 52
T 22	20 20	17 2	3 20	22 13	1 32	6 47	2 23	21 43	2 53	0 33	1 14	4 18	2 32	21 22	0 3	21 38	1 22	9 38	17 2	23 3	22 54	5 3	13 19	0 52
W23	20 8	13 17	4 6	21 51	1 36	6 28	2 35	21 48	2 53	0 37	1 14	4 18	2 32	21 22	0 3	21 38	1 22	9 38	17 1	23 2	22 54	5 6	13 19	0 52
T 24	19 55	9 1	4 40	21 27	1 40	6 10	2 46	21 52	2 53	0 41	1 13	4 18	2 32	21 22	0 3	21 38	1 22	9 37	17 1	23 1	22 54	5 8	13 20	0 52
F 25	19 43	4 28	5 1	21 1	1 43	5 51	2 58	21 57	2 53	0 44	1 13	4 18	2 33	21 22	0 3	21 38	1 22	9 36	17 0	23 1	22 53	5 11	13 20	0 52
S 26	19 30	0s11	5 8	20 33	1 45	5 34	3 10	22 2	2 54	0 48	1 13	4 18	2 33	21 21	0 3	21 38	1 22	9 35	17 0	23 0	22 53	5 13	13 20	0 52
S 27	19 16	4 47	5 2	20 3	1 46	5 16	3 22	22 7	2 54	0 52	1 13	4 18	2 33	21 21	0 3	21 38	1 22	9 34	16 59	23 0	22 53	5 16	13 20	0 53
M28	19 2	9 12	4 43	19 31	1 47	5 0	3 34	22 12	2 54	0 56	1 13	4 17	2 34	21 21	0 3	21 39	1 22	9 33	16 58	22 59	22 53	5 18	13 20	0 53
T 29	18 48	13 16	4 11	18 58	1 47	4 44	3 46	22 17	2 54	0 59	1 13	4 17	2 34	21 21	0 3	21 39	1 22	9 32	16 58	22 59	22 52	5 21	13 21	0 53
W30	18 34	16 52	3 29	18 23	1 46	4 28	3 59	22 22	2 54	1 3	1 12	4 17	2 34	21 21	0 3	21 39	1 22	9 31	16 57	22 59	22 52	5 23	13 21	0 53
T 31	18n19	19s48	2s36	17n47	1n45	4n13	4s12	22s28	2s54	1s 7	1n12	4n17	2s34	21s21	0n 3	21n39	1s22	9n30	16n57	22s59	22s52	5s25	13n21	0s53

Julian Day Number = 2353841.5, Delta T = 11.62 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'21, Lahiri = 20°07'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

AUGUST 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 39 18	8♌50'14	0♐40	17♌46	9♍22	27♏56	5♎45	16°R54	6°R18	19♊ 0	15♎35	18♐38	17♐11	2♎17	7♉59	F 1
S 2	20 43 15	9°47'42	13°24	19°40	9°25	28°19	5°54	16♈54	6♐18	19° 1	15°36	18°R39	17° 8	2°24	7°59	S 2
S 3	20 47 11	10°45'10	26°32	21°34	9°R27	28°43	6° 4	16°54	6°17	19° 3	15°37	18°39	17° 5	2°30	8° 0	S 3
M 4	20 51 8	11°42'39	10♑ 6	23°25	9°26	29° 7	6°14	16°53	6°17	19° 4	15°38	18°37	17° 2	2°37	8° 0	M 4
T 5	20 55 4	12°40'09	24° 6	25°15	9°23	29°32	6°24	16°52	6°16	19° 6	15°40	18°33	16°59	2°44	8° 1	T 5
W 6	20 59 1	13°37'40	8♒30	27° 4	9°17	29°58	6°34	16°52	6°16	19° 7	15°41	18°26	16°56	2°51	8° 1	W 6
T 7	21 2 58	14°35'12	23°12	28°51	9° 9	0♐23	6°44	16°51	6°15	19° 9	15°42	18°19	16°52	2°57	8° 1	T 7
F 8	21 6 54	15°32'46	8♓ 5	0♍36	8°58	0°49	6°54	16°50	6°15	19°10	15°44	18°10	16°49	3° 4	8° 2	F 8
S 9	21 10 51	16°30'20	23° 1	2°20	8°46	1°16	7° 4	16°49	6°15	19°11	15°45	18° 2	16°46	3°11	8° 2	S 9
S 10	21 14 47	17°27'56	7♈49	4° 3	8°30	1°43	7°14	16°47	6°14	19°13	15°47	17°55	16°43	3°17	8° 2	S 10
M11	21 18 44	18°25'34	22°24	5°44	8°13	2°10	7°25	16°46	6°14	19°14	15°48	17°50	16°40	3°24	8° 2	M11
T 12	21 22 40	19°23'13	6♉41	7°24	7°53	2°38	7°35	16°45	6°14	19°16	15°50	17°48	16°37	3°31	8°R 2	T 12
W13	21 26 37	20°20'53	20°38	9° 2	7°31	3° 6	7°46	16°43	6°14	19°17	15°51	17°D47	16°33	3°38	8° 2	W13
T 14	21 30 33	21°18'36	4♊15	10°38	7° 7	3°34	7°56	16°42	6°14	19°18	15°53	17°47	16°30	3°44	8° 2	T 14
F 15	21 34 30	22°16'20	17°35	12°13	6°41	4° 3	8° 7	16°40	6°D14	19°19	15°54	17°R48	16°27	3°51	8° 2	F 15
S 16	21 38 27	23°14'06	0♋38	13°47	6°13	4°32	8°18	16°38	6°14	19°21	15°56	17°47	16°24	3°58	8° 2	S 16
S 17	21 42 23	24°11'53	13°27	15°19	5°43	5° 2	8°29	16°36	6°14	19°22	15°58	17°44	16°21	4° 4	8° 2	S 17
M18	21 46 20	25° 9'42	26° 5	16°50	5°12	5°32	8°40	16°34	6°14	19°23	15°59	17°39	16°17	4°11	8° 1	M18
T 19	21 50 16	26° 7'32	8♌32	18°20	4°39	6° 2	8°51	16°32	6°14	19°24	16° 1	17°31	16°14	4°18	8° 1	T 19
W20	21 54 13	27° 5'24	20°50	19°48	4° 5	6°33	9° 2	16°30	6°14	19°25	16° 3	17°20	16°11	4°25	8° 0	W20
T 21	21 58 9	28° 3'18	3♍ 0	21°14	3°30	7° 4	9°13	16°28	6°15	19°26	16° 4	17° 8	16° 8	4°31	8° 0	T 21
F 22	22 2 6	29° 1'13	15° 3	22°39	2°54	7°35	9°24	16°26	6°15	19°27	16° 6	16°55	16° 5	4°38	7°59	F 22
S 23	22 6 2	29°59'09	26°59	24° 2	2°18	8° 6	9°36	16°23	6°15	19°28	16° 8	16°42	16° 2	4°45	7°59	S 23
S 24	22 9 59	0♍57'07	8♎51	25°24	1°41	8°38	9°47	16°21	6°16	19°29	16°10	16°31	15°58	4°51	7°58	S 24
M25	22 13 55	1°55'06	20°41	26°45	1° 3	9°11	9°58	16°18	6°16	19°30	16°12	16°22	15°55	4°58	7°57	M25
T 26	22 17 52	2°53'07	2♏32	28° 3	0°26	9°43	10°10	16°15	6°17	19°31	16°14	16°16	15°52	5° 5	7°57	T 26
W27	22 21 49	3°51'09	14°28	29°20	29♌50	10°16	10°21	16°13	6°17	19°32	16°15	16°12	15°49	5°12	7°56	W27
T 28	22 25 45	4°49'12	26°33	0♎36	29°13	10°49	10°33	16°10	6°18	19°33	16°17	16°11	15°46	5°18	7°55	T 28
F 29	22 29 42	5°47'17	8♐53	1°49	28°38	11°22	10°45	16° 7	6°19	19°34	16°19	16°11	15°42	5°25	7°54	F 29
S 30	22 33 38	6°45'24	21°33	3° 1	28° 4	11°56	10°56	16° 4	6°20	19°34	16°21	16°11	15°39	5°32	7°53	S 30
S 31	22 37 35	7♍43'32	4♑38	4♎10	27♌30	12♐30	11♎ 8	16♈ 1	6♐20	19♊35	16♎23	16♐10	15♐36	5♎38	7♉52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 5	21s52	1s35	17n10	1n43	3n59	4s24	22s33	2s54	1s11	1n12	4n16	2s35	21s21	0n 3	21n39	1s22	9n30	16n56	22s59	22s51	5s28	13n21	0s53
S 2	17 49	22 54	0 28	16 32	1 40	3 46	4 37	22 38	2 54	1 15	1 12	4 16	2 35	21 20	0 3	21 39	1 22	9 29	16 56	22 59	22 51	5 30	13 21	0 53
S 3	17 34	22 43	0n42	15 52	1 37	3 33	4 50	22 44	2 54	1 19	1 12	4 15	2 35	21 20	0 3	21 39	1 22	9 28	16 55	22 59	22 51	5 33	13 21	0 53
M 4	17 18	21 13	1 53	15 13	1 34	3 22	5 3	22 49	2 54	1 23	1 12	4 15	2 35	21 20	0 3	21 39	1 22	9 27	16 55	22 59	22 50	5 35	13 21	0 54
T 5	17 2	18 24	2 58	14 32	1 30	3 11	5 16	22 54	2 54	1 27	1 11	4 14	2 36	21 20	0 3	21 39	1 22	9 26	16 54	22 59	22 50	5 38	13 21	0 54
W 6	16 45	14 23	3 54	13 51	1 25	3 1	5 29	23 0	2 53	1 31	1 11	4 14	2 36	21 20	0 3	21 39	1 22	9 25	16 54	22 58	22 50	5 40	13 21	0 54
T 7	16 29	9 27	4 36	13 9	1 21	2 52	5 42	23 5	2 53	1 35	1 11	4 13	2 36	21 20	0 3	21 40	1 22	9 24	16 53	22 58	22 49	5 43	13 21	0 54
F 8	16 12	3 54	5 0	12 27	1 15	2 44	5 55	23 10	2 53	1 39	1 11	4 13	2 37	21 20	0 3	21 40	1 23	9 23	16 53	22 57	22 49	5 45	13 21	0 54
S 9	15 55	1n52	5 3	11 45	1 10	2 37	6 7	23 16	2 53	1 44	1 11	4 12	2 37	21 20	0 3	21 40	1 23	9 22	16 52	22 56	22 49	5 48	13 21	0 54
S 10	15 37	7 29	4 47	11 2	1 4	2 31	6 20	23 21	2 53	1 48	1 11	4 11	2 37	21 20	0 3	21 40	1 23	9 21	16 52	22 55	22 49	5 50	13 21	0 54
M11	15 20	12 37	4 11	10 19	0 58	2 26	6 32	23 26	2 52	1 52	1 10	4 11	2 37	21 20	0 3	21 40	1 23	9 20	16 52	22 55	22 48	5 52	13 21	0 55
T 12	15 2	16 55	3 21	9 36	0 51	2 22	6 44	23 32	2 52	1 56	1 10	4 10	2 38	21 20	0 3	21 40	1 23	9 19	16 51	22 55	22 48	5 55	13 21	0 55
W13	14 44	20 11	2 20	8 53	0 44	2 20	6 56	23 37	2 52	2 1	1 10	4 9	2 38	21 20	0 3	21 40	1 23	9 18	16 51	22 55	22 48	5 57	13 20	0 55
T 14	14 25	22 12	1 12	8 10	0 37	2 18	7 7	23 42	2 52	2 5	1 10	4 8	2 38	21 20	0 3	21 40	1 23	9 17	16 50	22 55	22 47	6 0	13 20	0 55
F 15	14 6	22 55	0 1	7 27	0 30	2 17	7 17	23 48	2 51	2 9	1 10	4 7	2 38	21 20	0 3	21 40	1 23	9 16	16 50	22 55	22 47	6 2	13 20	0 55
S 16	13 48	22 21	1s 8	6 44	0 22	2 18	7 28	23 53	2 51	2 14	1 10	4 6	2 39	21 20	0 3	21 40	1 23	9 15	16 49	22 55	22 47	6 5	13 20	0 55
S 17	13 28	20 36	2 12	6 1	0 14	2 20	7 37	23 58	2 51	2 18	1 10	4 5	2 39	21 20	0 3	21 40	1 23	9 14	16 49	22 54	22 46	6 7	13 20	0 55
M18	13 9	17 53	3 9	5 18	0 6	2 23	7 46	24 3	2 50	2 23	1 9	4 4	2 39	21 20	0 3	21 40	1 23	9 13	16 48	22 54	22 46	6 10	13 19	0 56
T 19	12 50	14 22	3 55	4 36	0s 2	2 27	7 54	24 8	2 50	2 27	1 9	4 3	2 39	21 20	0 3	21 40	1 23	9 12	16 48	22 53	22 46	6 12	13 19	0 56
W20	12 30	10 18	4 30	3 54	0 10	2 32	8 2	24 13	2 50	2 31	1 9	4 2	2 40	21 20	0 3	21 40	1 23	9 11	16 48	22 52	22 45	6 14	13 19	0 56
T 21	12 10	5 52	4 52	3 12	0 18	2 38	8 9	24 18	2 49	2 36	1 9	4 1	2 40	21 20	0 3	21 40	1 23	9 10	16 47	22 51	22 45	6 17	13 19	0 56
F 22	11 50	1 17	5 1	2 30	0 27	2 45	8 15	24 23	2 49	2 41	1 9	4 0	2 40	21 20	0 3	21 40	1 23	9 9	16 47	22 50	22 45	6 19	13 18	0 56
S 23	11 30	3s20	4 56	1 49	0 36	2 53	8 20	24 28	2 49	2 45	1 9	3 59	2 40	21 20	0 3	21 41	1 23	9 8	16 46	22 48	22 44	6 22	13 18	0 56
S 24	11 9	7 47	4 39	1 9	0 44	3 2	8 24	24 33	2 48	2 50	1 9	3 58	2 41	21 20	0 3	21 41	1 23	9 7	16 46	22 47	22 44	6 24	13 18	0 56
M25	10 48	11 56	4 9	0 29	0 53	3 12	8 28	24 37	2 48	2 54	1 9	3 57	2 41	21 21	0 3	21 41	1 23	9 6	16 46	22 46	22 44	6 26	13 17	0 57
T 26	10 28	15 38	3 29	0s11	1 2	3 22	8 30	24 42	2 47	2 59	1 8	3 55	2 41	21 21	0 3	21 41	1 23	9 5	16 45	22 46	22 43	6 29	13 17	0 57
W27	10 7	18 44	2 40	0 49	1 11	3 33	8 32	24 46	2 47	3 4	1 8	3 54	2 41	21 21	0 3	21 41	1 23	9 4	16 45	22 45	22 43	6 31	13 16	0 57
T 28	9 45	21 4	1 42	1 28	1 20	3 45	8 32	24 51	2 46	3 8	1 8	3 53	2 42	21 21	0 3	21 41	1 23	9 3	16 45	22 45	22 43	6 34	13 16	0 57
F 29	9 24	22 27	0 39	2 5	1 29	3 57	8 32	24 55	2 46	3 13	1 8	3 51	2 42	21 21	0 3	21 41	1 23	9 2	16 44	22 45	22 42	6 36	13 16	0 57
S 30	9 3	22 44	0n28	2 42	1 38	4 10	8 31	24 59	2 45	3 18	1 8	3 50	2 42	21 21	0 3	21 41	1 23	9 1	16 44	22 45	22 42	6 38	13 15	0 57
S 31	8n41	21s48	1n36	3s18	1s47	4n23	8s29	25s 3	2s45	3s22	1n 8	3n49	2s42	21s21	0n 3	21n41	1s23	9n 0	16n43	22s45	22s42	6s41	13n15	0s58

Julian Day Number = 2353872.5, Delta T = 11.63 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'25, Lahiri = 20°07'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

SEPTEMBER 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 31	8♍41'41	18♉11	5♎18	26°R58	13♐ 4	11♎20	15°R57	6♐21	19♊36	16♎25	16°R 7	15♐33	5♎45	7°R51	M 1
T 2	22 45 28	9°39'52	2♒13	6°23	26♌28	13°39	11°32	15♈54	6°22	19°37	16°27	16♐ 1	15°30	5°52	7♉49	T 2
W 3	22 49 24	10°38'04	16°45	7°27	26° 0	14°13	11°44	15°51	6°23	19°37	16°29	15°53	15°27	5°59	7°48	W 3
T 4	22 53 21	11°36'18	1♓39	8°27	25°33	14°48	11°56	15°47	6°24	19°38	16°31	15°43	15°23	6° 5	7°47	T 4
F 5	22 57 18	12°34'34	16°49	9°25	25° 9	15°24	12° 8	15°44	6°25	19°38	16°33	15°32	15°20	6°12	7°46	F 5
S 6	23 1 14	13°32'51	2♈ 4	10°21	24°46	15°59	12°20	15°40	6°26	19°39	16°35	15°21	15°17	6°19	7°44	S 6
S 7	23 5 11	14°31'11	17°13	11°14	24°26	16°35	12°32	15°37	6°27	19°39	16°37	15°12	15°14	6°25	7°43	S 7
M 8	23 9 7	15°29'32	2♉ 6	12° 3	24° 8	17°11	12°44	15°33	6°29	19°40	16°39	15° 5	15°11	6°32	7°41	M 8
T 9	23 13 4	16°27'56	16°37	12°49	23°53	17°47	12°57	15°29	6°30	19°40	16°42	15° 1	15° 8	6°39	7°40	T 9
W10	23 17 0	17°26'22	0♊42	13°32	23°40	18°23	13° 9	15°25	6°31	19°41	16°44	14°59	15° 4	6°46	7°38	W10
T 11	23 20 57	18°24'50	14°21	14°11	23°29	19° 0	13°21	15°21	6°33	19°41	16°46	14°59	15° 1	6°52	7°36	T 11
F 12	23 24 53	19°23'20	27°37	14°45	23°21	19°36	13°34	15°17	6°34	19°42	16°48	14°59	14°58	6°59	7°35	F 12
S 13	23 28 50	20°21'52	10♋32	15°16	23°15	20°13	13°46	15°13	6°35	19°42	16°50	14°58	14°55	7° 6	7°33	S 13
S 14	23 32 47	21°20'27	23°11	15°41	23°12	20°51	13°59	15° 9	6°37	19°42	16°52	14°55	14°52	7°12	7°31	S 14
M15	23 36 43	22°19'04	5♌36	16° 2	23°D11	21°28	14°11	15° 5	6°38	19°43	16°55	14°49	14°48	7°19	7°29	M15
T 16	23 40 40	23°17'43	17°50	16°17	23°12	22° 6	14°24	15° 1	6°40	19°43	16°57	14°40	14°45	7°26	7°27	T 16
W17	23 44 36	24°16'24	29°57	16°26	23°16	22°43	14°36	14°57	6°42	19°43	16°59	14°29	14°42	7°33	7°25	W17
T 18	23 48 33	25°15'07	11♍57	16°R28	23°22	23°21	14°49	14°52	6°43	19°43	17° 1	14°15	14°39	7°39	7°23	T 18
F 19	23 52 29	26°13'52	23°53	16°25	23°30	24° 0	15° 1	14°48	6°45	19°43	17° 4	14° 1	14°36	7°46	7°21	F 19
S 20	23 56 26	27°12'39	5♎46	16°14	23°40	24°38	15°14	14°44	6°47	19°43	17° 6	13°48	14°33	7°53	7°19	S 20
S 21	0 0 22	28°11'28	17°36	15°56	23°53	25°17	15°27	14°39	6°49	19°43	17° 8	13°35	14°29	7°59	7°17	S 21
M22	0 4 19	29°10'19	29°27	15°31	24° 7	25°55	15°39	14°35	6°51	19°R43	17°10	13°25	14°26	8° 6	7°15	M22
T 23	0 8 15	0♎ 9'11	11♏19	14°59	24°24	26°34	15°52	14°30	6°53	19°43	17°13	13°18	14°23	8°13	7°13	T 23
W24	0 12 12	1° 8'06	23°16	14°19	24°43	27°13	16° 5	14°26	6°55	19°43	17°15	13°14	14°20	8°20	7°10	W24
T 25	0 16 9	2° 7'03	5♐22	13°32	25° 3	27°53	16°18	14°21	6°57	19°43	17°17	13°12	14°17	8°26	7° 8	T 25
F 26	0 20 5	3° 6'01	17°41	12°38	25°25	28°32	16°31	14°17	6°59	19°43	17°20	13°D12	14°14	8°33	7° 6	F 26
S 27	0 24 2	4° 5'01	0♑18	11°39	25°49	29°12	16°43	14°12	7° 1	19°43	17°22	13°R13	14°10	8°40	7° 3	S 27
S 28	0 27 58	5° 4'03	13°17	10°35	26°15	29°51	16°56	14° 7	7° 3	19°43	17°24	13°12	14° 7	8°46	7° 1	S 28
M29	0 31 55	6° 3'07	26°43	9°28	26°42	0♑31	17° 9	14° 3	7° 5	19°43	17°27	13°11	14° 4	8°53	6°58	M29
T 30	0 35 51	7♎ 2'13	10♒38	8♎19	27♌11	1♑11	17♎22	13♈58	7♐ 7	19♊43	17♎29	13♐ 7	14♐ 1	9♎ 0	6♉56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n19	19s35	2n41	3s53	1s56	4n36	8s26	25s 7	2s44	3s27	1n 8	3n47	2s42	21s21	0n 3	21n41	1s23	8n59	16n43	22s45	22s41	6s43	13n14	0s58
T 2	7 57	16 9	3 38	4 27	2 5	4 50	8 22	25 11	2 44	3 32	1 8	3 46	2 43	21 22	0 3	21 41	1 23	8 58	16 43	22 44	22 41	6 46	13 14	0 58
W 3	7 35	11 40	4 23	5 0	2 14	5 4	8 17	25 14	2 43	3 37	1 8	3 44	2 43	21 22	0 3	21 41	1 23	8 57	16 43	22 43	22 41	6 48	13 13	0 58
T 4	7 13	6 22	4 51	5 32	2 23	5 17	8 12	25 18	2 43	3 41	1 7	3 43	2 43	21 22	0 3	21 41	1 23	8 56	16 42	22 42	22 40	6 50	13 13	0 58
F 5	6 51	0 36	5 0	6 3	2 31	5 31	8 6	25 21	2 42	3 46	1 7	3 41	2 43	21 22	0 3	21 41	1 24	8 54	16 42	22 41	22 40	6 53	13 12	0 58
S 6	6 29	5n13	4 48	6 33	2 40	5 44	8 0	25 25	2 41	3 51	1 7	3 40	2 43	21 22	0 3	21 41	1 24	8 53	16 42	22 40	22 40	6 55	13 11	0 58
S 7	6 6	10 42	4 15	7 1	2 48	5 58	7 53	25 28	2 41	3 56	1 7	3 38	2 43	21 23	0 3	21 41	1 24	8 52	16 41	22 39	22 39	6 58	13 11	0 58
M 8	5 44	15 26	3 26	7 28	2 56	6 11	7 45	25 31	2 40	4 1	1 7	3 37	2 44	21 23	0 3	21 41	1 24	8 51	16 41	22 38	22 39	7 0	13 10	0 59
T 9	5 21	19 7	2 24	7 53	3 3	6 23	7 37	25 34	2 40	4 5	1 7	3 35	2 44	21 23	0 3	21 41	1 24	8 50	16 41	22 38	22 39	7 2	13 10	0 59
W10	4 58	21 33	1 15	8 17	3 11	6 36	7 28	25 36	2 39	4 10	1 7	3 33	2 44	21 23	0 3	21 41	1 24	8 49	16 40	22 38	22 38	7 5	13 9	0 59
T 11	4 35	22 37	0 3	8 38	3 18	6 48	7 19	25 39	2 38	4 15	1 7	3 32	2 44	21 23	0 3	21 41	1 24	8 48	16 40	22 38	22 38	7 7	13 8	0 59
F 12	4 12	22 21	1s 6	8 58	3 24	6 59	7 10	25 41	2 38	4 20	1 7	3 30	2 44	21 24	0 2	21 41	1 24	8 47	16 40	22 38	22 37	7 9	13 8	0 59
S 13	3 49	20 53	2 11	9 15	3 31	7 10	7 0	25 43	2 37	4 25	1 7	3 28	2 44	21 24	0 2	21 41	1 24	8 46	16 40	22 37	22 37	7 12	13 7	0 59
S 14	3 26	18 24	3 7	9 30	3 36	7 20	6 50	25 45	2 36	4 30	1 7	3 27	2 45	21 24	0 2	21 41	1 24	8 45	16 40	22 37	22 37	7 14	13 6	0 59
M15	3 3	15 7	3 53	9 43	3 41	7 30	6 40	25 47	2 36	4 35	1 7	3 25	2 45	21 25	0 2	21 41	1 24	8 44	16 39	22 36	22 36	7 16	13 5	1 0
T 16	2 40	11 15	4 28	9 52	3 45	7 40	6 30	25 49	2 35	4 40	1 6	3 23	2 45	21 25	0 2	21 41	1 24	8 43	16 39	22 35	22 36	7 19	13 5	1 0
W17	2 17	6 58	4 51	9 59	3 48	7 48	6 19	25 51	2 34	4 45	1 6	3 22	2 45	21 25	0 2	21 41	1 24	8 42	16 39	22 34	22 36	7 21	13 4	1 0
T 18	1 53	2 28	5 0	10 2	3 51	7 57	6 9	25 52	2 34	4 50	1 6	3 20	2 45	21 25	0 2	21 41	1 24	8 41	16 39	22 33	22 35	7 23	13 3	1 0
F 19	1 30	2s 6	4 56	10 2	3 52	8 4	5 58	25 53	2 33	4 54	1 6	3 18	2 45	21 26	0 2	21 41	1 24	8 40	16 38	22 31	22 35	7 26	13 2	1 0
S 20	1 7	6 33	4 39	9 58	3 52	8 11	5 47	25 54	2 32	4 59	1 6	3 16	2 45	21 26	0 2	21 41	1 24	8 39	16 38	22 29	22 35	7 28	13 1	1 0
S 21	0 43	10 46	4 10	9 50	3 51	8 17	5 36	25 55	2 31	5 4	1 6	3 14	2 45	21 26	0 2	21 41	1 24	8 38	16 38	22 28	22 34	7 30	13 1	1 0
M22	0 20	14 34	3 30	9 38	3 49	8 23	5 25	25 55	2 31	5 9	1 6	3 13	2 46	21 27	0 2	21 41	1 24	8 37	16 38	22 27	22 34	7 33	13 0	1 1
T 23	0s 4	17 47	2 41	9 21	3 44	8 28	5 15	25 56	2 30	5 14	1 6	3 11	2 46	21 27	0 2	21 40	1 24	8 36	16 38	22 26	22 33	7 35	12 59	1 1
W24	0 27	20 17	1 44	9 0	3 38	8 32	5 4	25 56	2 29	5 19	1 6	3 9	2 46	21 27	0 2	21 40	1 24	8 35	16 38	22 25	22 33	7 37	12 58	1 1
T 25	0 51	21 55	0 42	8 35	3 31	8 35	4 53	25 56	2 28	5 24	1 6	3 7	2 46	21 28	0 2	21 40	1 24	8 34	16 37	22 25	22 33	7 40	12 57	1 1
F 26	1 14	22 30	0n24	8 5	3 21	8 38	4 42	25 56	2 28	5 29	1 6	3 5	2 46	21 28	0 2	21 40	1 24	8 33	16 37	22 25	22 32	7 42	12 56	1 1
S 27	1 38	21 59	1 30	7 31	3 9	8 40	4 31	25 55	2 27	5 34	1 6	3 3	2 46	21 28	0 2	21 40	1 24	8 32	16 37	22 25	22 32	7 44	12 55	1 1
S 28	2 1	20 16	2 33	6 54	2 56	8 42	4 21	25 54	2 26	5 39	1 6	3 2	2 46	21 29	0 2	21 40	1 24	8 31	16 37	22 25	22 32	7 47	12 55	1 1
M29	2 24	17 24	3 30	6 13	2 41	8 43	4 10	25 54	2 25	5 44	1 6	3 0	2 46	21 29	0 2	21 40	1 25	8 30	16 37	22 25	22 31	7 49	12 54	1 1
T 30	2s48	13s29	4n17	5s30	2s24	8n43	4s 0	25s52	2s24	5s49	1n 6	2n58	2s46	21s30	0n 2	21n40	1s25	8n29	16n37	22s24	22s31	7s51	12n53	1s 2

Julian Day Number = 2353903.5, Delta T = 11.65 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'30, Lahiri = 20°07'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

OCTOBER 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 39 48	8♎ 1'20	25♒ 2	7°R 9	27♌42	1♑52	17♎35	13°R53	7♐10	19°R42	17♎32	13°R 0	13♐58	9♎ 7	6°R53	W 1
T 2	0 43 44	9° 0'29	9♓53	6♎ 2	28°14	2°32	17°48	13♈48	7°12	19♊42	17°34	12♐52	13°54	9°13	6♉51	T 2
F 3	0 47 41	9°59'40	25° 3	4°58	28°47	3°12	18° 1	13°44	7°14	19°42	17°36	12°42	13°51	9°20	6°48	F 3
S 4	0 51 38	10°58'52	10♈23	3°59	29°22	3°53	18°14	13°39	7°17	19°41	17°39	12°33	13°48	9°27	6°45	S 4
S 5	0 55 34	11°58'07	25°41	3° 8	29°58	4°34	18°27	13°34	7°19	19°41	17°41	12°25	13°45	9°33	6°43	S 5
M 6	0 59 31	12°57'24	10♉47	2°25	0♍35	5°15	18°40	13°29	7°21	19°40	17°43	12°19	13°42	9°40	6°40	M 6
T 7	1 3 27	13°56'44	25°31	1°52	1°14	5°56	18°53	13°25	7°24	19°40	17°46	12°16	13°39	9°47	6°37	T 7
W 8	1 7 24	14°56'06	9♊48	1°30	1°54	6°37	19° 6	13°20	7°27	19°39	17°48	12°D14	13°35	9°53	6°35	W 8
T 9	1 11 20	15°55'30	23°37	1°18	2°35	7°18	19°19	13°15	7°29	19°39	17°51	12°15	13°32	10° 0	6°32	T 9
F 10	1 15 17	16°54'56	6♋58	1°D17	3°17	8° 0	19°32	13°11	7°32	19°38	17°53	12°16	13°29	10° 7	6°29	F 10
S 11	1 19 13	17°54'25	19°56	1°27	4° 1	8°41	19°45	13° 6	7°34	19°38	17°55	12°R16	13°26	10°14	6°26	S 11
S 12	1 23 10	18°53'56	2♌32	1°48	4°45	9°23	19°58	13° 1	7°37	19°37	17°58	12°15	13°23	10°20	6°23	S 12
M13	1 27 7	19°53'29	14°53	2°18	5°30	10° 4	20°11	12°56	7°40	19°36	18° 0	12°12	13°19	10°27	6°21	M13
T 14	1 31 3	20°53'04	27° 1	2°58	6°16	10°46	20°24	12°52	7°43	19°36	18° 3	12° 6	13°16	10°34	6°18	T 14
W15	1 35 0	21°52'42	9♍ 1	3°46	7° 4	11°28	20°37	12°47	7°45	19°35	18° 5	11°59	13°13	10°40	6°15	W15
T 16	1 38 56	22°52'22	20°55	4°42	7°52	12°10	20°50	12°42	7°48	19°34	18° 7	11°50	13°10	10°47	6°12	T 16
F 17	1 42 53	23°52'04	2♎47	5°45	8°41	12°53	21° 3	12°38	7°51	19°34	18°10	11°40	13° 7	10°54	6° 9	F 17
S 18	1 46 49	24°51'48	14°38	6°54	9°30	13°35	21°16	12°33	7°54	19°33	18°12	11°31	13° 4	11° 1	6° 6	S 18
S 19	1 50 46	25°51'34	26°30	8° 8	10°21	14°17	21°30	12°29	7°57	19°32	18°15	11°23	13° 0	11° 7	6° 3	S 19
M20	1 54 42	26°51'23	8♏25	9°26	11°12	15° 0	21°43	12°24	8° 0	19°31	18°17	11°16	12°57	11°14	6° 0	M20
T 21	1 58 39	27°51'13	20°23	10°49	12° 4	15°42	21°56	12°19	8° 3	19°30	18°19	11°11	12°54	11°21	5°57	T 21
W22	2 2 36	28°51'05	2♐28	12°15	12°57	16°25	22° 9	12°15	8° 6	19°29	18°22	11° 9	12°51	11°27	5°54	W22
T 23	2 6 32	29°50'59	14°42	13°43	13°50	17° 8	22°22	12°11	8° 9	19°28	18°24	11°D 9	12°48	11°34	5°51	T 23
F 24	2 10 29	0♏50'55	27° 7	15°14	14°44	17°51	22°35	12° 6	8°12	19°27	18°26	11°10	12°45	11°41	5°48	F 24
S 25	2 14 25	1°50'52	9♑47	16°47	15°39	18°34	22°48	12° 2	8°15	19°26	18°29	11°11	12°41	11°47	5°45	S 25
S 26	2 18 22	2°50'51	22°46	18°21	16°34	19°17	23° 1	11°58	8°18	19°25	18°31	11°13	12°38	11°54	5°42	S 26
M27	2 22 18	3°50'52	6♒ 6	19°56	17°30	20° 0	23°14	11°53	8°21	19°24	18°33	11°R13	12°35	12° 1	5°39	M27
T 28	2 26 15	4°50'54	19°51	21°32	18°27	20°43	23°27	11°49	8°25	19°23	18°36	11°12	12°32	12° 8	5°36	T 28
W29	2 30 11	5°50'58	4♓ 1	23° 9	19°24	21°27	23°40	11°45	8°28	19°22	18°38	11° 9	12°29	12°14	5°33	W29
T 30	2 34 8	6°51'03	18°35	24°47	20°21	22°10	23°52	11°41	8°31	19°21	18°40	11° 6	12°25	12°21	5°30	T 30
F 31	2 38 5	7♏51'10	3♈29	26♎25	21♍19	22♑53	24♎ 5	11♈37	8♐34	19♊20	18♎43	11♐ 1	12♐22	12♎28	5♉26	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s11	8s39	4n49	4s46	2s 5	8n42	3s49	25s51	2s24	5s54	1n 6	2n56	2s46	21s30	0n 2	21n40	1s25	8n28	16n37	22s23	22s31	7s54	12n52	1s 2
T 2	3 35	3 12	5 3	4 1	1 46	8 41	3 39	25 50	2 23	5 59	1 6	2 54	2 46	21 30	0 2	21 40	1 25	8 27	16 37	22 22	22 30	7 56	12 51	1 2
F 3	3 58	2n34	4 57	3 17	1 26	8 39	3 29	25 48	2 22	6 4	1 6	2 52	2 46	21 31	0 2	21 40	1 25	8 26	16 37	22 21	22 30	7 58	12 50	1 2
S 4	4 21	8 14	4 29	2 35	1 5	8 37	3 19	25 46	2 21	6 9	1 5	2 50	2 46	21 31	0 2	21 40	1 25	8 25	16 37	22 20	22 29	8 1	12 49	1 2
S 5	4 44	13 23	3 42	1 56	0 45	8 33	3 9	25 44	2 20	6 14	1 5	2 49	2 46	21 32	0 2	21 40	1 25	8 25	16 37	22 19	22 29	8 3	12 48	1 2
M 6	5 7	17 37	2 40	1 21	0 25	8 29	2 59	25 41	2 19	6 19	1 5	2 47	2 46	21 32	0 2	21 40	1 25	8 24	16 37	22 18	22 29	8 5	12 47	1 2
T 7	5 31	20 36	1 28	0 50	0 5	8 25	2 49	25 39	2 18	6 24	1 5	2 45	2 46	21 32	0 2	21 40	1 25	8 23	16 36	22 18	22 28	8 8	12 46	1 2
W 8	5 54	22 10	0 13	0 24	0n13	8 20	2 40	25 36	2 18	6 29	1 5	2 43	2 46	21 33	0 2	21 40	1 25	8 22	16 36	22 18	22 28	8 10	12 45	1 3
T 9	6 16	22 19	1s 1	0 3	0 30	8 14	2 30	25 33	2 17	6 34	1 5	2 41	2 46	21 33	0 2	21 40	1 25	8 21	16 36	22 18	22 27	8 12	12 44	1 3
F 10	6 39	21 9	2 9	0n12	0 46	8 8	2 21	25 29	2 16	6 39	1 5	2 39	2 46	21 34	0 2	21 39	1 25	8 20	16 36	22 18	22 27	8 14	12 43	1 3
S 11	7 2	18 54	3 8	0 21	1 1	8 0	2 12	25 26	2 15	6 44	1 5	2 37	2 46	21 34	0 2	21 39	1 25	8 19	16 36	22 18	22 27	8 17	12 42	1 3
S 12	7 25	15 47	3 56	0 25	1 14	7 53	2 3	25 22	2 14	6 49	1 5	2 36	2 46	21 35	0 2	21 39	1 25	8 18	16 36	22 18	22 26	8 19	12 41	1 3
M13	7 47	12 3	4 33	0 23	1 25	7 45	1 54	25 18	2 13	6 54	1 5	2 34	2 46	21 35	0 2	21 39	1 25	8 17	16 36	22 17	22 26	8 21	12 40	1 3
T 14	8 10	7 53	4 56	0 16	1 35	7 36	1 45	25 14	2 12	6 59	1 5	2 32	2 46	21 36	0 2	21 39	1 25	8 17	16 36	22 17	22 25	8 24	12 39	1 3
W15	8 32	3 28	5 6	0 5	1 43	7 26	1 37	25 9	2 11	7 3	1 5	2 30	2 46	21 36	0 2	21 39	1 25	8 16	16 37	22 16	22 25	8 26	12 38	1 3
T 16	8 54	1s 2	5 3	0s11	1 50	7 16	1 28	25 5	2 10	7 8	1 5	2 29	2 46	21 36	0 2	21 39	1 25	8 15	16 37	22 14	22 25	8 28	12 36	1 3
F 17	9 16	5 29	4 46	0 31	1 55	7 6	1 20	25 0	2 9	7 13	1 5	2 27	2 46	21 37	0 2	21 39	1 25	8 14	16 37	22 13	22 24	8 30	12 35	1 4
S 18	9 38	9 44	4 18	0 55	1 59	6 55	1 12	24 55	2 8	7 18	1 5	2 25	2 46	21 37	0 2	21 39	1 25	8 13	16 37	22 12	22 24	8 33	12 34	1 4
S 19	10 0	13 37	3 37	1 21	2 2	6 43	1 4	24 49	2 8	7 23	1 5	2 23	2 46	21 38	0 2	21 39	1 25	8 12	16 37	22 11	22 23	8 35	12 33	1 4
M20	10 22	16 58	2 48	1 51	2 4	6 31	0 56	24 43	2 7	7 28	1 5	2 22	2 46	21 38	0 2	21 39	1 25	8 12	16 37	22 10	22 23	8 37	12 32	1 4
T 21	10 44	19 38	1 50	2 22	2 5	6 18	0 48	24 38	2 6	7 33	1 5	2 20	2 46	21 39	0 2	21 38	1 25	8 11	16 37	22 9	22 23	8 39	12 31	1 4
W22	11 5	21 27	0 47	2 56	2 5	6 5	0 41	24 31	2 5	7 38	1 5	2 18	2 46	21 39	0 2	21 38	1 25	8 10	16 37	22 9	22 22	8 42	12 30	1 4
T 23	11 26	22 16	0n19	3 31	2 4	5 51	0 33	24 25	2 4	7 42	1 5	2 17	2 46	21 40	0 2	21 38	1 25	8 9	16 37	22 9	22 22	8 44	12 29	1 4
F 24	11 47	22 1	1 26	4 8	2 2	5 37	0 26	24 18	2 3	7 47	1 5	2 15	2 46	21 40	0 2	21 38	1 25	8 9	16 37	22 9	22 21	8 46	12 28	1 4
S 25	12 8	20 38	2 29	4 45	2 0	5 22	0 19	24 12	2 2	7 52	1 5	2 13	2 45	21 41	0 2	21 38	1 25	8 8	16 37	22 9	22 21	8 48	12 27	1 4
S 26	12 29	18 9	3 27	5 24	1 57	5 7	0 12	24 5	2 1	7 57	1 5	2 12	2 45	21 41	0 2	21 38	1 25	8 7	16 38	22 9	22 21	8 51	12 26	1 4
M27	12 49	14 39	4 15	6 3	1 53	4 52	0 6	23 57	2 0	8 2	1 5	2 10	2 45	21 42	0 2	21 38	1 25	8 6	16 38	22 9	22 20	8 53	12 24	1 5
T 28	13 9	10 17	4 51	6 43	1 49	4 36	0n 1	23 50	1 59	8 6	1 5	2 9	2 45	21 42	0 2	21 38	1 26	8 6	16 38	22 9	22 20	8 55	12 23	1 5
W29	13 29	5 14	5 9	7 23	1 45	4 19	0 7	23 42	1 58	8 11	1 5	2 7	2 45	21 43	0 2	21 38	1 26	8 5	16 38	22 9	22 19	8 57	12 22	1 5
T 30	13 49	0n13	5 9	8 4	1 40	4 2	0 14	23 34	1 57	8 16	1 5	2 6	2 45	21 43	0 2	21 37	1 26	8 4	16 38	22 8	22 19	9 0	12 21	1 5
F 31	14s 9	5n48	4n48	8s44	1n35	3n45	0n20	23s26	1s56	8s21	1n 5	2n 4	2s45	21s44	0n 2	21n37	1s26	8n 4	16n38	22s 8	22s19	9s 2	12n20	1s 5

Julian Day Number = 2353933.5, Delta T = 11.66 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'34, Lahiri = 20°07'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

NOVEMBER 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 1	8♏51'19	18♈35	28♎ 3	22♍18	23♑37	24♎18	11°R33	8♐38	19°R18	18♎45	10°R56	12♐19	12♎34	5°R23	S 1
S 2	2 45 58	9°51'29	3♉45	29°41	23°17	24°20	24°31	11♈29	8°41	19♊17	18°47	10♐52	12°16	12°41	5♉20	S 2
M 3	2 49 54	10°51'41	18°48	1♏19	24°17	25° 4	24°44	11°25	8°44	19°16	18°49	10°49	12°13	12°48	5°17	M 3
T 4	2 53 51	11°51'55	3♊35	2°57	25°17	25°48	24°57	11°21	8°48	19°15	18°52	10°47	12°10	12°55	5°14	T 4
W 5	2 57 47	12°52'11	17°59	4°35	26°17	26°32	25° 9	11°18	8°51	19°13	18°54	10°D47	12° 6	13° 1	5°11	W 5
T 6	3 1 44	13°52'29	1♋57	6°13	27°18	27°16	25°22	11°14	8°54	19°12	18°56	10°48	12° 3	13° 8	5° 8	T 6
F 7	3 5 40	14°52'49	15°28	7°50	28°19	27°59	25°35	11°11	8°58	19°11	18°58	10°50	12° 0	13°15	5° 5	F 7
S 8	3 9 37	15°53'11	28°32	9°28	29°21	28°43	25°48	11° 7	9° 1	19° 9	19° 1	10°51	11°57	13°21	5° 2	S 8
S 9	3 13 34	16°53'34	11♌14	11° 5	0♎23	29°27	26° 0	11° 4	9° 5	19° 8	19° 3	10°R52	11°54	13°28	4°59	S 9
M10	3 17 30	17°54'00	23°36	12°42	1°26	0♒12	26°13	11° 0	9° 8	19° 7	19° 5	10°52	11°51	13°35	4°56	M10
T 11	3 21 27	18°54'27	5♍44	14°19	2°29	0°56	26°25	10°57	9°12	19° 5	19° 7	10°51	11°47	13°41	4°53	T 11
W12	3 25 23	19°54'57	17°43	15°55	3°32	1°40	26°38	10°54	9°15	19° 4	19° 9	10°49	11°44	13°48	4°50	W12
T 13	3 29 20	20°55'28	29°35	17°31	4°36	2°24	26°50	10°51	9°19	19° 2	19°11	10°46	11°41	13°55	4°48	T 13
F 14	3 33 16	21°56'01	11♎25	19° 7	5°40	3° 8	27° 3	10°48	9°22	19° 1	19°14	10°43	11°38	14° 2	4°45	F 14
S 15	3 37 13	22°56'35	23°17	20°43	6°44	3°53	27°15	10°45	9°26	19° 0	19°16	10°40	11°35	14° 8	4°42	S 15
S 16	3 41 9	23°57'11	5♏12	22°18	7°48	4°37	27°28	10°42	9°29	18°58	19°18	10°37	11°31	14°15	4°39	S 16
M17	3 45 6	24°57'49	17°14	23°53	8°53	5°22	27°40	10°40	9°33	18°57	19°20	10°35	11°28	14°22	4°36	M17
T 18	3 49 3	25°58'29	29°23	25°28	9°58	6° 6	27°52	10°37	9°37	18°55	19°22	10°34	11°25	14°28	4°33	T 18
W19	3 52 59	26°59'10	11♐41	27° 3	11° 4	6°51	28° 5	10°34	9°40	18°53	19°24	10°D34	11°22	14°35	4°31	W19
T 20	3 56 56	27°59'52	24°11	28°38	12°10	7°35	28°17	10°32	9°44	18°52	19°26	10°34	11°19	14°42	4°28	T 20
F 21	4 0 52	29° 0'36	6♑52	0♐12	13°16	8°20	28°29	10°30	9°47	18°50	19°28	10°35	11°16	14°48	4°25	F 21
S 22	4 4 49	0♐ 1'20	19°46	1°47	14°22	9° 5	28°41	10°27	9°51	18°49	19°30	10°36	11°12	14°55	4°22	S 22
S 23	4 8 45	1° 2'06	2♒55	3°21	15°28	9°49	28°53	10°25	9°55	18°47	19°32	10°37	11° 9	15° 2	4°20	S 23
M24	4 12 42	2° 2'53	16°20	4°55	16°35	10°34	29° 5	10°23	9°58	18°46	19°34	10°38	11° 6	15° 9	4°17	M24
T 25	4 16 38	3° 3'40	0♓ 2	6°29	17°42	11°19	29°17	10°21	10° 2	18°44	19°35	10°R38	11° 3	15°15	4°15	T 25
W26	4 20 35	4° 4'29	14° 1	8° 3	18°49	12° 4	29°29	10°19	10° 6	18°42	19°37	10°38	11° 0	15°22	4°12	W26
T 27	4 24 32	5° 5'18	28°17	9°37	19°57	12°49	29°41	10°18	10° 9	18°41	19°39	10°38	10°57	15°29	4° 9	T 27
F 28	4 28 28	6° 6'09	12♈47	11°11	21° 4	13°34	29°52	10°16	10°13	18°39	19°41	10°37	10°53	15°35	4° 7	F 28
S 29	4 32 25	7° 7'00	27°28	12°44	22°12	14°18	0♏ 4	10°14	10°17	18°37	19°43	10°37	10°50	15°42	4° 5	S 29
S 30	4 36 21	8♐ 7'52	12♉13	14♐18	23♎20	15♒ 3	0♏16	10♈13	10♐20	18♊36	19♎45	10♐36	10♐47	15♎49	4♉ 2	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s28	11n 6	4n 7	9s24	1n29	3n27	0n26	23s17	1s55	8s25	1n 5	2n 3	2s45	21s44	0n 2	21n37	1s26	8n 3	16n39	22s 7	22s18	9s 4	12n19	1s 5
S 2	14 47	15 45	3 9	10 4	1 24	3 9	0 32	23 9	1 54	8 30	1 5	2 2	2 44	21 45	0 2	21 37	1 26	8 2	16 39	22 6	22 18	9 6	12 18	1 5
M 3	15 6	19 19	1 58	10 44	1 18	2 51	0 37	23 0	1 53	8 35	1 5	2 0	2 44	21 46	0 2	21 37	1 26	8 2	16 39	22 6	22 17	9 8	12 17	1 5
T 4	15 25	21 33	0 39	11 23	1 12	2 32	0 43	22 51	1 52	8 39	1 5	1 59	2 44	21 46	0 2	21 37	1 26	8 1	16 39	22 6	22 17	9 11	12 16	1 5
W 5	15 43	22 16	0s39	12 2	1 5	2 13	0 48	22 41	1 51	8 44	1 5	1 58	2 44	21 47	0 2	21 37	1 26	8 0	16 39	22 6	22 17	9 13	12 15	1 5
T 6	16 2	21 34	1 54	12 41	0 59	1 53	0 53	22 32	1 50	8 49	1 5	1 56	2 44	21 47	0 2	21 37	1 26	8 0	16 40	22 6	22 16	9 15	12 13	1 5
F 7	16 19	19 37	2 59	13 19	0 52	1 33	0 58	22 22	1 49	8 53	1 5	1 55	2 44	21 48	0 2	21 36	1 26	7 59	16 40	22 6	22 16	9 17	12 12	1 6
S 8	16 37	16 41	3 53	13 57	0 46	1 13	1 3	22 12	1 48	8 58	1 5	1 54	2 43	21 48	0 2	21 36	1 26	7 59	16 40	22 6	22 15	9 19	12 11	1 6
S 9	16 54	13 2	4 34	14 33	0 39	0 53	1 8	22 2	1 47	9 2	1 6	1 53	2 43	21 49	0 2	21 36	1 26	7 58	16 40	22 6	22 15	9 22	12 10	1 6
M10	17 11	8 56	5 1	15 10	0 32	0 32	1 12	21 51	1 45	9 7	1 6	1 52	2 43	21 49	0 2	21 36	1 26	7 58	16 41	22 6	22 14	9 24	12 9	1 6
T 11	17 28	4 33	5 14	15 45	0 26	0 11	1 17	21 41	1 44	9 11	1 6	1 51	2 43	21 50	0 2	21 36	1 26	7 57	16 41	22 6	22 14	9 26	12 8	1 6
W12	17 45	0 4	5 13	16 20	0 19	0s10	1 21	21 30	1 43	9 16	1 6	1 49	2 43	21 50	0 2	21 36	1 26	7 56	16 41	22 6	22 14	9 28	12 7	1 6
T 13	18 1	4s23	4 58	16 54	0 12	0 31	1 25	21 19	1 42	9 20	1 6	1 48	2 43	21 51	0 2	21 36	1 26	7 56	16 41	22 6	22 13	9 30	12 6	1 6
F 14	18 17	8 41	4 31	17 27	0 5	0 53	1 29	21 7	1 41	9 25	1 6	1 47	2 42	21 51	0 2	21 36	1 26	7 55	16 42	22 5	22 13	9 33	12 5	1 6
S 15	18 32	12 39	3 52	17 59	0s 2	1 15	1 33	20 56	1 40	9 29	1 6	1 46	2 42	21 52	0 2	21 35	1 26	7 55	16 42	22 5	22 12	9 35	12 4	1 6
S 16	18 47	16 9	3 3	18 30	0 8	1 37	1 37	20 44	1 39	9 34	1 6	1 46	2 42	21 53	0 2	21 35	1 26	7 55	16 42	22 4	22 12	9 37	12 3	1 6
M17	19 2	19 0	2 6	19 1	0 15	1 59	1 40	20 32	1 38	9 38	1 6	1 45	2 42	21 53	0 2	21 35	1 26	7 54	16 43	22 4	22 11	9 39	12 2	1 6
T 18	19 17	21 3	1 2	19 30	0 22	2 22	1 44	20 20	1 37	9 42	1 6	1 44	2 42	21 54	0 2	21 35	1 26	7 54	16 43	22 4	22 11	9 41	12 1	1 6
W19	19 31	22 7	0n 6	19 59	0 28	2 45	1 47	20 8	1 36	9 47	1 6	1 43	2 41	21 54	0 2	21 35	1 26	7 53	16 43	22 4	22 11	9 43	12 0	1 6
T 20	19 45	22 6	1 15	20 27	0 34	3 7	1 50	19 56	1 35	9 51	1 6	1 42	2 41	21 55	0 2	21 35	1 26	7 53	16 44	22 4	22 10	9 46	11 59	1 6
F 21	19 58	20 57	2 21	20 53	0 41	3 30	1 53	19 43	1 34	9 55	1 6	1 42	2 41	21 55	0 2	21 35	1 26	7 52	16 44	22 4	22 10	9 48	11 58	1 7
S 22	20 11	18 42	3 21	21 19	0 47	3 53	1 56	19 30	1 33	9 59	1 6	1 41	2 41	21 56	0 2	21 34	1 26	7 52	16 44	22 4	22 9	9 50	11 57	1 7
S 23	20 24	15 27	4 11	21 43	0 53	4 16	1 59	19 17	1 32	10 4	1 6	1 40	2 40	21 56	0 2	21 34	1 26	7 52	16 45	22 4	22 9	9 52	11 56	1 7
M24	20 36	11 22	4 49	22 7	0 59	4 40	2 1	19 4	1 31	10 8	1 6	1 40	2 40	21 57	0 2	21 34	1 26	7 51	16 45	22 4	22 8	9 54	11 55	1 7
T 25	20 48	6 36	5 12	22 29	1 5	5 3	2 4	18 51	1 30	10 12	1 6	1 39	2 40	21 57	0 2	21 34	1 26	7 51	16 45	22 4	22 8	9 56	11 54	1 7
W26	20 59	1 25	5 17	22 51	1 11	5 26	2 6	18 37	1 29	10 16	1 6	1 39	2 40	21 58	0 2	21 34	1 26	7 51	16 46	22 4	22 7	9 59	11 53	1 7
T 27	21 11	3n56	5 2	23 11	1 16	5 50	2 8	18 23	1 27	10 20	1 7	1 38	2 39	21 59	0 2	21 34	1 26	7 50	16 46	22 4	22 7	10 1	11 52	1 7
F 28	21 21	9 11	4 29	23 30	1 22	6 13	2 10	18 9	1 26	10 24	1 7	1 38	2 39	21 59	0 2	21 34	1 26	7 50	16 47	22 4	22 7	10 3	11 52	1 7
S 29	21 32	13 58	3 37	23 48	1 27	6 37	2 12	17 55	1 25	10 28	1 7	1 37	2 39	22 0	0 2	21 33	1 26	7 50	16 47	22 4	22 6	10 5	11 51	1 7
S 30	21s42	17n55	2n31	24s 4	1s32	7s 0	2n14	17s41	1s24	10s32	1n 7	1n37	2s39	22s 0	0n 2	21n33	1s26	7n50	16n47	22s 4	22s 6	10s 7	11n50	1s 7

Julian Day Number = 2353964.5, Delta T = 11.68 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'38, Lahiri = 20°07'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1732
geocentric

DECEMBER 1732 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 40 18	9♐ 8'45	26♉55	15♐52	24♎28	15♒48	0♏27	10°R12	10♐24	18°R34	19♎46	10°R36	10♐44	15♎55	4°R 0	M 1
T 2	4 44 14	10° 9'40	11♊29	17°25	25°37	16°33	0°39	10♈10	10°28	18♊32	19°48	10♐36	10°41	16° 2	3♉57	T 2
W 3	4 48 11	11°10'35	25°46	18°59	26°45	17°18	0°50	10° 9	10°31	18°31	19°50	10°36	10°37	16° 9	3°55	W 3
T 4	4 52 7	12°11'31	9♋44	20°33	27°54	18° 3	1° 2	10° 8	10°35	18°29	19°51	10°36	10°34	16°16	3°53	T 4
F 5	4 56 4	13°12'29	23°18	22° 6	29° 3	18°48	1°13	10° 7	10°39	18°27	19°53	10°36	10°31	16°22	3°51	F 5
S 6	5 0 1	14°13'27	6♌28	23°40	0♏12	19°33	1°24	10° 7	10°42	18°26	19°55	10°36	10°28	16°29	3°49	S 6
S 7	5 3 57	15°14'27	19°15	25°14	1°22	20°18	1°35	10° 6	10°46	18°24	19°56	10°35	10°25	16°36	3°46	S 7
M 8	5 7 54	16°15'27	1♍43	26°47	2°31	21° 3	1°46	10° 5	10°50	18°22	19°58	10°35	10°22	16°42	3°44	M 8
T 9	5 11 50	17°16'29	13°54	28°21	3°41	21°48	1°57	10° 5	10°53	18°20	19°59	10°D34	10°18	16°49	3°42	T 9
W10	5 15 47	18°17'31	25°54	29°54	4°51	22°34	2° 8	10° 5	10°57	18°19	20° 1	10°34	10°15	16°56	3°40	W10
T 11	5 19 43	19°18'35	7♎46	1♑27	6° 1	23°19	2°19	10° 4	11° 1	18°17	20° 2	10°35	10°12	17° 2	3°38	T 11
F 12	5 23 40	20°19'40	19°36	3° 1	7°11	24° 4	2°30	10° 4	11° 4	18°15	20° 4	10°36	10° 9	17° 9	3°37	F 12
S 13	5 27 36	21°20'45	1♏29	4°34	8°21	24°49	2°40	10°D 4	11° 8	18°14	20° 5	10°37	10° 6	17°16	3°35	S 13
S 14	5 31 33	22°21'51	13°27	6° 7	9°31	25°34	2°51	10° 4	11°12	18°12	20° 7	10°38	10° 2	17°22	3°33	S 14
M15	5 35 30	23°22'59	25°36	7°39	10°42	26°19	3° 1	10° 4	11°15	18°10	20° 8	10°39	9°59	17°29	3°31	M15
T 16	5 39 26	24°24'07	7♐56	9°11	11°52	27° 4	3°12	10° 5	11°19	18° 9	20° 9	10°R39	9°56	17°36	3°30	T 16
W17	5 43 23	25°25'15	20°31	10°43	13° 3	27°50	3°22	10° 5	11°22	18° 7	20°11	10°39	9°53	17°43	3°28	W17
T 18	5 47 19	26°26'24	3♑20	12°14	14°14	28°35	3°32	10° 6	11°26	18° 5	20°12	10°38	9°50	17°49	3°27	T 18
F 19	5 51 16	27°27'34	16°24	13°44	15°25	29°20	3°43	10° 6	11°30	18° 4	20°13	10°36	9°47	17°56	3°25	F 19
S 20	5 55 12	28°28'43	29°42	15°13	16°36	0♓ 5	3°53	10° 7	11°33	18° 2	20°14	10°34	9°43	18° 3	3°24	S 20
S 21	5 59 9	29°29'53	13♒14	16°41	17°47	0°50	4° 2	10° 8	11°37	18° 0	20°15	10°31	9°40	18° 9	3°22	S 21
M22	6 3 5	0♑31'03	26°56	18° 8	18°59	1°35	4°12	10° 9	11°40	17°59	20°16	10°28	9°37	18°16	3°21	M22
T 23	6 7 2	1°32'13	10♓49	19°33	20°10	2°21	4°22	10°10	11°44	17°57	20°18	10°26	9°34	18°23	3°20	T 23
W24	6 10 59	2°33'23	24°50	20°56	21°21	3° 6	4°32	10°11	11°47	17°55	20°19	10°25	9°31	18°29	3°18	W24
T 25	6 14 55	3°34'33	8♈57	22°16	22°33	3°51	4°41	10°12	11°51	17°54	20°20	10°D25	9°28	18°36	3°17	T 25
F 26	6 18 52	4°35'43	23° 9	23°34	23°45	4°36	4°50	10°14	11°54	17°52	20°21	10°26	9°24	18°43	3°16	F 26
S 27	6 22 48	5°36'52	7♉25	24°48	24°56	5°21	5° 0	10°15	11°58	17°50	20°22	10°27	9°21	18°50	3°15	S 27
S 28	6 26 45	6°38'02	21°40	25°58	26° 8	6° 6	5° 9	10°17	12° 1	17°49	20°23	10°29	9°18	18°56	3°14	S 28
M29	6 30 41	7°39'11	5♊53	27° 4	27°20	6°52	5°18	10°19	12° 5	17°47	20°23	10°R30	9°15	19° 3	3°13	M29
T 30	6 34 38	8°40'20	20° 0	28° 4	28°32	7°37	5°27	10°20	12° 8	17°46	20°24	10°29	9°12	19°10	3°12	T 30
W31	6 38 35	9♑41'29	3♋57	28♑59	29♏44	8♓22	5♏36	10♈22	12♐11	17♊44	20♎25	10♐28	9♐ 9	19♎16	3♉12	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s51	20n43	1n15	24s19	1s37	7s24	2n15	17s27	1s23	10s36	1n 7	1n37	2s38	22s 1	0n 2	21n33	1s26	7n49	16n48	22s 4	22s 5	10s 9	11n49	1s 7
T 2	22 0	22 7	0s 5	24 33	1 41	7 47	2 17	17 12	1 22	10 40	1 7	1 37	2 38	22 1	0 2	21 33	1 26	7 49	16 48	22 4	22 5	10 11	11 48	1 7
W 3	22 9	22 1	1 23	24 46	1 46	8 11	2 18	16 57	1 21	10 44	1 7	1 36	2 38	22 2	0 2	21 33	1 26	7 49	16 49	22 4	22 4	10 14	11 47	1 7
T 4	22 17	20 33	2 35	24 58	1 50	8 34	2 19	16 43	1 20	10 48	1 7	1 36	2 38	22 2	0 2	21 33	1 26	7 49	16 49	22 4	22 4	10 16	11 47	1 7
F 5	22 25	17 55	3 36	25 8	1 54	8 58	2 20	16 28	1 19	10 52	1 7	1 36	2 37	22 3	0 2	21 33	1 26	7 49	16 50	22 4	22 3	10 18	11 46	1 7
S 6	22 32	14 26	4 23	25 16	1 57	9 21	2 21	16 12	1 18	10 56	1 7	1 36	2 37	22 3	0 2	21 32	1 26	7 48	16 50	22 4	22 3	10 20	11 45	1 7
S 7	22 39	10 23	4 56	25 24	2 1	9 44	2 22	15 57	1 17	10 59	1 7	1 36	2 37	22 4	0 2	21 32	1 26	7 48	16 51	22 4	22 2	10 22	11 44	1 7
M 8	22 46	6 0	5 14	25 30	2 4	10 8	2 23	15 42	1 16	11 3	1 8	1 36	2 37	22 4	0 2	21 32	1 26	7 48	16 51	22 4	22 2	10 24	11 43	1 7
T 9	22 52	1 28	5 17	25 34	2 6	10 31	2 24	15 26	1 15	11 7	1 8	1 36	2 36	22 5	0 2	21 32	1 26	7 48	16 51	22 4	22 2	10 26	11 43	1 7
W10	22 57	3s 3	5 6	25 37	2 9	10 53	2 24	15 10	1 14	11 10	1 8	1 36	2 36	22 5	0 2	21 32	1 26	7 48	16 52	22 4	22 1	10 28	11 42	1 8
T 11	23 3	7 24	4 42	25 39	2 11	11 16	2 24	14 55	1 13	11 14	1 8	1 36	2 36	22 6	0 2	21 32	1 26	7 48	16 52	22 4	22 1	10 30	11 41	1 8
F 12	23 7	11 29	4 7	25 39	2 12	11 39	2 25	14 39	1 11	11 18	1 8	1 36	2 36	22 7	0 2	21 32	1 26	7 48	16 53	22 4	22 0	10 33	11 41	1 8
S 13	23 11	15 8	3 21	25 37	2 13	12 1	2 25	14 22	1 10	11 21	1 8	1 37	2 35	22 7	0 2	21 31	1 26	7 48	16 53	22 4	22 0	10 35	11 40	1 8
S 14	23 15	18 12	2 25	25 34	2 14	12 24	2 25	14 6	1 9	11 25	1 8	1 37	2 35	22 8	0 2	21 31	1 26	7 48	16 54	22 4	21 59	10 37	11 39	1 8
M15	23 18	20 31	1 23	25 29	2 15	12 46	2 25	13 50	1 8	11 28	1 8	1 37	2 35	22 8	0 2	21 31	1 26	7 48	16 54	22 4	21 59	10 39	11 39	1 8
T 16	23 21	21 55	0 15	25 23	2 14	13 8	2 25	13 33	1 7	11 32	1 8	1 38	2 35	22 9	0 2	21 31	1 26	7 48	16 55	22 5	21 58	10 41	11 38	1 8
W17	23 24	22 14	0n54	25 16	2 14	13 29	2 24	13 17	1 6	11 35	1 8	1 38	2 34	22 9	0 2	21 31	1 26	7 48	16 55	22 5	21 58	10 43	11 38	1 8
T 18	23 25	21 24	2 2	25 6	2 12	13 51	2 24	13 0	1 5	11 38	1 9	1 39	2 34	22 10	0 2	21 31	1 26	7 48	16 56	22 4	21 57	10 45	11 37	1 8
F 19	23 27	19 24	3 5	24 56	2 11	14 12	2 23	12 43	1 4	11 42	1 9	1 39	2 34	22 10	0 1	21 31	1 26	7 48	16 56	22 4	21 57	10 47	11 37	1 8
S 20	23 28	16 21	3 59	24 43	2 8	14 33	2 23	12 26	1 3	11 45	1 9	1 40	2 33	22 11	0 1	21 30	1 26	7 48	16 57	22 4	21 56	10 49	11 36	1 8
S 21	23 28	12 23	4 40	24 30	2 5	14 53	2 22	12 9	1 2	11 48	1 9	1 40	2 33	22 11	0 1	21 30	1 26	7 48	16 58	22 3	21 56	10 51	11 35	1 8
M22	23 28	7 45	5 6	24 15	2 1	15 14	2 21	11 52	1 1	11 51	1 9	1 41	2 33	22 12	0 1	21 30	1 26	7 48	16 58	22 3	21 55	10 53	11 35	1 8
T 23	23 28	2 40	5 15	23 58	1 57	15 34	2 20	11 35	1 0	11 54	1 9	1 41	2 33	22 12	0 1	21 30	1 26	7 48	16 59	22 3	21 55	10 55	11 35	1 8
W24	23 27	2n37	5 5	23 40	1 51	15 53	2 19	11 18	0 59	11 58	1 9	1 42	2 32	22 12	0 1	21 30	1 26	7 48	16 59	22 2	21 54	10 57	11 34	1 8
T 25	23 25	7 48	4 37	23 21	1 45	16 13	2 18	11 0	0 58	12 1	1 10	1 43	2 32	22 13	0 1	21 30	1 26	7 48	17 0	22 2	21 54	10 59	11 34	1 8
F 26	23 24	12 36	3 52	23 1	1 38	16 32	2 17	10 43	0 57	12 4	1 10	1 44	2 32	22 13	0 1	21 30	1 26	7 48	17 0	22 3	21 54	11 2	11 33	1 8
S 27	23 21	16 43	2 52	22 40	1 30	16 50	2 15	10 25	0 56	12 7	1 10	1 45	2 32	22 14	0 1	21 30	1 26	7 48	17 1	22 3	21 53	11 4	11 33	1 8
S 28	23 18	19 51	1 42	22 18	1 21	17 8	2 14	10 8	0 55	12 9	1 10	1 45	2 31	22 14	0 1	21 29	1 26	7 49	17 1	22 3	21 53	11 6	11 33	1 8
M29	23 15	21 44	0 25	21 56	1 11	17 26	2 13	9 50	0 54	12 12	1 10	1 46	2 31	22 15	0 1	21 29	1 26	7 49	17 2	22 3	21 52	11 8	11 32	1 8
T 30	23 11	22 14	0s52	21 33	1 0	17 44	2 11	9 32	0 53	12 15	1 10	1 47	2 31	22 15	0 1	21 29	1 26	7 49	17 2	22 3	21 52	11 10	11 32	1 8
W31	23s 7	21n20	2s 5	21s10	0s47	18s 1	2n 9	9s14	0s52	12s18	1n10	1n48	2s31	22s16	0n 1	21n29	1s26	7n49	17n 3	22s 3	21s51	11s12	11n32	1s 8

Julian Day Number = 2353994.5, Delta T = 11.69 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'42, Lahiri = 20°07'43Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

JANUARY 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 31	10♑42'38	17♋39	29♑46	0♐56	9♓ 7	5♏44	10♈24	12♐15	17°R43	20♎26	10°R24	9♐ 5	19♎23	3°R11	T 1
F 2	6 46 28	11°43'47	1♌ 5	0♒26	2° 8	9°52	5°53	10°27	12°18	17♊41	20°27	10♐20	9° 2	19°30	3♉10	F 2
S 3	6 50 24	12°44'56	14°12	0°56	3°21	10°37	6° 1	10°29	12°21	17°39	20°27	10°14	8°59	19°36	3°10	S 3
S 4	6 54 21	13°46'05	26°59	1°17	4°33	11°22	6°10	10°31	12°25	17°38	20°28	10° 8	8°56	19°43	3° 9	S 4
M 5	6 58 17	14°47'13	9♍28	1°R28	5°45	12° 7	6°18	10°34	12°28	17°37	20°29	10° 3	8°53	19°50	3° 9	M 5
T 6	7 2 14	15°48'22	21°42	1°27	6°58	12°52	6°26	10°36	12°31	17°35	20°29	9°59	8°49	19°56	3° 8	T 6
W 7	7 6 10	16°49'31	3♎43	1°15	8°11	13°37	6°34	10°39	12°34	17°34	20°30	9°56	8°46	20° 3	3° 8	W 7
T 8	7 10 7	17°50'39	15°36	0°51	9°23	14°22	6°42	10°42	12°37	17°32	20°31	9°D55	8°43	20°10	3° 7	T 8
F 9	7 14 4	18°51'48	27°26	0°16	10°36	15° 7	6°50	10°45	12°41	17°31	20°31	9°55	8°40	20°17	3° 7	F 9
S 10	7 18 0	19°52'56	9♏18	29♑29	11°49	15°52	6°57	10°48	12°44	17°29	20°32	9°56	8°37	20°23	3° 7	S 10
S 11	7 21 57	20°54'05	21°18	28°32	13° 1	16°37	7° 5	10°51	12°47	17°28	20°32	9°58	8°34	20°30	3° 7	S 11
M12	7 25 53	21°55'13	3♐29	27°27	14°14	17°22	7°12	10°54	12°50	17°27	20°32	9°59	8°30	20°37	3°D 7	M12
T 13	7 29 50	22°56'20	15°56	26°15	15°27	18° 7	7°19	10°57	12°53	17°25	20°33	9°R59	8°27	20°43	3° 7	T 13
W14	7 33 46	23°57'28	28°43	24°59	16°40	18°52	7°26	11° 0	12°56	17°24	20°33	9°58	8°24	20°50	3° 7	W14
T 15	7 37 43	24°58'35	11♑50	23°41	17°53	19°37	7°33	11° 4	12°59	17°23	20°33	9°54	8°21	20°57	3° 7	T 15
F 16	7 41 39	25°59'41	25°17	22°24	19° 6	20°22	7°40	11° 7	13° 2	17°21	20°34	9°48	8°18	21° 3	3° 7	F 16
S 17	7 45 36	27° 0'47	9♒ 3	21° 9	20°19	21° 6	7°46	11°11	13° 5	17°20	20°34	9°40	8°14	21°10	3° 8	S 17
S 18	7 49 33	28° 1'52	23° 3	19°59	21°32	21°51	7°53	11°15	13° 8	17°19	20°34	9°31	8°11	21°17	3° 8	S 18
M19	7 53 29	29° 2'56	7♓14	18°55	22°45	22°36	7°59	11°19	13°10	17°18	20°34	9°23	8° 8	21°23	3° 8	M19
T 20	7 57 26	0♒ 3'59	21°29	17°59	23°59	23°21	8° 5	11°23	13°13	17°17	20°34	9°16	8° 5	21°30	3° 9	T 20
W21	8 1 22	1° 5'01	5♈46	17°12	25°12	24° 6	8°11	11°27	13°16	17°16	20°34	9°11	8° 2	21°37	3° 9	W21
T 22	8 5 19	2° 6'02	19°59	16°33	26°25	24°50	8°17	11°31	13°19	17°14	20°34	9° 9	7°59	21°43	3°10	T 22
F 23	8 9 15	3° 7'01	4♉ 8	16° 3	27°38	25°35	8°23	11°35	13°21	17°13	20°R34	9°D 8	7°55	21°50	3°11	F 23
S 24	8 13 12	4° 8'00	18° 9	15°43	28°52	26°20	8°28	11°39	13°24	17°12	20°34	9° 9	7°52	21°57	3°11	S 24
S 25	8 17 8	5° 8'57	2♊ 4	15°30	0♑ 5	27° 4	8°34	11°44	13°27	17°11	20°34	9°R 9	7°49	22° 4	3°12	S 25
M26	8 21 5	6° 9'53	15°51	15°D27	1°18	27°49	8°39	11°48	13°29	17°10	20°34	9° 9	7°46	22°10	3°13	M26
T 27	8 25 2	7°10'48	29°30	15°30	2°32	28°33	8°44	11°53	13°32	17° 9	20°34	9° 7	7°43	22°17	3°14	T 27
W28	8 28 58	8°11'42	12♋59	15°42	3°45	29°18	8°49	11°57	13°34	17° 8	20°34	9° 3	7°40	22°24	3°15	W28
T 29	8 32 55	9°12'34	26°18	15°59	4°59	0♈ 3	8°53	12° 2	13°37	17° 7	20°34	8°56	7°36	22°30	3°16	T 29
F 30	8 36 51	10°13'26	9♌25	16°23	6°12	0°47	8°58	12° 7	13°39	17° 7	20°33	8°46	7°33	22°37	3°17	F 30
S 31	8 40 48	11♒14'16	22♌18	16♑53	7♑26	1♈31	9♏ 2	12♈12	13♐42	17♊ 6	20♎33	8♐35	7♐30	22♎44	3♉18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s 2	19n10	3 s10	20 s47	0 s34	18 s17	2n 8	8 s57	0 s50	12 s21	1n10	1n49	2 s30	22 s16	0n 1	21n29	1 s26	7n50	17n 4	22 s 2	21 s51	11 s14	11n31	1 s 8
F 2	22 57	16 0	4 2	20 24	0 20	18 34	2 6	8 39	0 49	12 23	1 11	1 50	2 30	22 17	0 1	21 29	1 26	7 50	17 4	22 2	21 50	11 16	11 31	1 8
S 3	22 52	12 7	4 40	20 3	0 4	18 49	2 4	8 21	0 48	12 26	1 11	1 52	2 30	22 17	0 1	21 29	1 26	7 50	17 5	22 1	21 50	11 18	11 31	1 8
S 4	22 46	7 47	5 4	19 42	0n12	19 5	2 2	8 3	0 47	12 29	1 11	1 53	2 29	22 18	0 1	21 29	1 26	7 50	17 5	22 0	21 49	11 20	11 31	1 8
M 5	22 39	3 13	5 12	19 23	0 30	19 20	2 0	7 44	0 46	12 31	1 11	1 54	2 29	22 18	0 1	21 29	1 25	7 51	17 6	21 59	21 49	11 22	11 30	1 8
T 6	22 32	1 s23	5 5	19 5	0 48	19 34	1 58	7 26	0 45	12 34	1 11	1 55	2 29	22 18	0 1	21 28	1 25	7 51	17 6	21 59	21 48	11 24	11 30	1 8
W 7	22 25	5 50	4 45	18 49	1 7	19 48	1 56	7 8	0 44	12 36	1 11	1 56	2 29	22 19	0 1	21 28	1 25	7 51	17 7	21 58	21 48	11 26	11 30	1 8
T 8	22 17	10 3	4 13	18 36	1 26	20 1	1 54	6 50	0 43	12 39	1 12	1 58	2 28	22 19	0 1	21 28	1 25	7 52	17 8	21 58	21 47	11 28	11 30	1 8
F 9	22 9	13 51	3 31	18 25	1 45	20 14	1 51	6 31	0 42	12 41	1 12	1 59	2 28	22 20	0 1	21 28	1 25	7 52	17 8	21 58	21 47	11 30	11 30	1 8
S 10	22 0	17 8	2 39	18 17	2 3	20 26	1 49	6 13	0 41	12 43	1 12	2 1	2 28	22 20	0 1	21 28	1 25	7 52	17 9	21 58	21 46	11 32	11 30	1 8
S 11	21 51	19 43	1 40	18 11	2 21	20 38	1 47	5 55	0 40	12 46	1 12	2 2	2 28	22 20	0 1	21 28	1 25	7 53	17 9	21 59	21 46	11 34	11 30	1 8
M12	21 41	21 27	0 35	18 8	2 37	20 49	1 44	5 36	0 39	12 48	1 12	2 3	2 27	22 21	0 1	21 28	1 25	7 53	17 10	21 59	21 45	11 36	11 30	1 8
T 13	21 31	22 12	0n32	18 7	2 52	21 0	1 42	5 18	0 38	12 50	1 12	2 5	2 27	22 21	0 1	21 28	1 25	7 54	17 11	21 59	21 45	11 38	11 30	1 8
W14	21 21	21 48	1 40	18 8	3 4	21 10	1 39	4 59	0 37	12 52	1 13	2 7	2 27	22 22	0 1	21 28	1 25	7 54	17 11	21 58	21 44	11 40	11 30	1 8
T 15	21 10	20 14	2 44	18 12	3 15	21 19	1 37	4 41	0 36	12 54	1 13	2 8	2 27	22 22	0 1	21 28	1 25	7 54	17 12	21 58	21 44	11 42	11 30	1 8
F 16	20 59	17 30	3 40	18 17	3 23	21 28	1 34	4 22	0 36	12 56	1 13	2 10	2 26	22 22	0 1	21 28	1 25	7 55	17 12	21 57	21 43	11 44	11 30	1 8
S 17	20 47	13 46	4 25	18 23	3 28	21 36	1 31	4 4	0 35	12 58	1 13	2 11	2 26	22 23	0 1	21 27	1 25	7 55	17 13	21 56	21 43	11 46	11 30	1 9
S 18	20 35	9 13	4 54	18 31	3 31	21 44	1 29	3 45	0 34	13 0	1 13	2 13	2 26	22 23	0 1	21 27	1 25	7 56	17 13	21 55	21 42	11 48	11 30	1 9
M19	20 23	4 7	5 7	18 39	3 31	21 51	1 26	3 26	0 33	13 2	1 13	2 15	2 26	22 24	0 1	21 27	1 25	7 56	17 14	21 53	21 42	11 50	11 30	1 9
T 20	20 10	1n13	5 0	18 48	3 29	21 57	1 23	3 8	0 32	13 4	1 14	2 17	2 25	22 24	0 1	21 27	1 25	7 57	17 15	21 52	21 41	11 52	11 30	1 9
W21	19 57	6 30	4 35	18 58	3 26	22 3	1 20	2 49	0 31	13 6	1 14	2 18	2 25	22 24	0 1	21 27	1 25	7 57	17 15	21 52	21 41	11 54	11 30	1 9
T 22	19 43	11 25	3 53	19 8	3 20	22 8	1 17	2 31	0 30	13 7	1 14	2 20	2 25	22 25	0 1	21 27	1 25	7 58	17 16	21 51	21 40	11 56	11 31	1 9
F 23	19 29	15 41	2 57	19 18	3 14	22 13	1 14	2 12	0 29	13 9	1 14	2 22	2 25	22 25	0 1	21 27	1 25	7 58	17 16	21 51	21 40	11 58	11 31	1 9
S 24	19 15	19 2	1 50	19 28	3 6	22 17	1 11	1 53	0 28	13 10	1 14	2 24	2 25	22 25	0 1	21 27	1 25	7 59	17 17	21 51	21 39	12 0	11 31	1 9
S 25	19 0	21 13	0 38	19 39	2 57	22 20	1 8	1 35	0 27	13 12	1 15	2 26	2 24	22 26	0 1	21 27	1 25	7 59	17 17	21 51	21 39	12 1	11 31	1 9
M26	18 45	22 8	0 s36	19 49	2 47	22 23	1 5	1 16	0 26	13 13	1 15	2 28	2 24	22 26	0 1	21 27	1 25	8 0	17 18	21 51	21 38	12 3	11 32	1 9
T 27	18 30	21 42	1 47	19 58	2 37	22 24	1 2	0 57	0 25	13 15	1 15	2 30	2 24	22 26	0 1	21 27	1 25	8 1	17 19	21 51	21 38	12 5	11 32	1 9
W28	18 15	20 1	2 51	20 8	2 26	22 26	0 59	0 39	0 24	13 16	1 15	2 32	2 24	22 27	0 1	21 27	1 25	8 1	17 19	21 50	21 37	12 7	11 32	1 9
T 29	17 59	17 15	3 44	20 16	2 15	22 26	0 56	0 20	0 23	13 18	1 15	2 34	2 23	22 27	0 1	21 27	1 25	8 2	17 20	21 49	21 37	12 9	11 33	1 9
F 30	17 42	13 40	4 25	20 25	2 4	22 26	0 53	0 2	0 22	13 19	1 15	2 36	2 23	22 27	0 1	21 27	1 24	8 2	17 20	21 48	21 36	12 11	11 33	1 9
S 31	17 s26	9n30	4 s51	20 s32	1n53	22 s26	0n50	0n17	0 s21	13 s20	1n16	2n38	2 s23	22 s27	0n 1	21n27	1 s24	8n 3	17n21	21 s46	21 s36	12 s13	11n33	1 s 9

Julian Day Number = 2354025.5, Delta T = 11.71 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'46, Lahiri = 20°07'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

FEBRUARY 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 44	12♒15'05	4♍57	17♉28	8♉39	2♈16	9♏ 6	12♈17	13♐44	17°R 5	20°R33	8°R23	7♐27	22♎50	3♉19	S 1
M 2	8 48 41	13°15'52	17°21	18° 8	9°53	3° 0	9°10	12°22	13°46	17♊ 4	20♎33	8♐11	7°24	22°57	3°21	M 2
T 3	8 52 37	14°16'39	29°32	18°52	11° 6	3°45	9°14	12°27	13°49	17° 3	20°32	8° 1	7°20	23° 4	3°22	T 3
W 4	8 56 34	15°17'25	11♎32	19°39	12°20	4°29	9°18	12°32	13°51	17° 2	20°32	7°53	7°17	23°10	3°23	W 4
T 5	9 0 31	16°18'09	23°25	20°31	13°33	5°13	9°22	12°37	13°53	17° 2	20°31	7°48	7°14	23°17	3°25	T 5
F 6	9 4 27	17°18'53	5♏14	21°26	14°47	5°57	9°25	12°42	13°55	17° 1	20°31	7°45	7°11	23°24	3°26	F 6
S 7	9 8 24	18°19'35	17° 4	22°24	16° 1	6°42	9°28	12°48	13°57	17° 0	20°30	7°D44	7° 8	23°30	3°28	S 7
S 8	9 12 20	19°20'16	29° 2	23°24	17°14	7°26	9°31	12°53	13°59	17° 0	20°30	7°45	7° 5	23°37	3°29	S 8
M 9	9 16 17	20°20'57	11♐13	24°28	18°28	8°10	9°34	12°59	14° 1	16°59	20°29	7°R45	7° 1	23°44	3°31	M 9
T 10	9 20 13	21°21'36	23°41	25°33	19°42	8°54	9°36	13° 4	14° 3	16°59	20°28	7°44	6°58	23°50	3°33	T 10
W11	9 24 10	22°22'14	6♉31	26°41	20°56	9°38	9°39	13°10	14° 5	16°58	20°28	7°41	6°55	23°57	3°35	W11
T 12	9 28 6	23°22'50	19°46	27°51	22° 9	10°22	9°41	13°16	14° 7	16°58	20°27	7°35	6°52	24° 4	3°36	T 12
F 13	9 32 3	24°23'26	3♒28	29° 3	23°23	11° 6	9°43	13°22	14° 9	16°57	20°26	7°26	6°49	24°10	3°38	F 13
S 14	9 36 0	25°24'00	17°34	0♒16	24°37	11°50	9°45	13°28	14°11	16°57	20°26	7°15	6°46	24°17	3°40	S 14
S 15	9 39 56	26°24'32	1♓59	1°32	25°51	12°34	9°47	13°34	14°12	16°56	20°25	7° 3	6°42	24°24	3°42	S 15
M16	9 43 53	27°25'02	16°38	2°48	27° 5	13°18	9°48	13°40	14°14	16°56	20°24	6°51	6°39	24°31	3°44	M16
T 17	9 47 49	28°25'31	1♈22	4° 7	28°18	14° 2	9°50	13°46	14°15	16°56	20°23	6°41	6°36	24°37	3°46	T 17
W18	9 51 46	29°25'58	16° 3	5°27	29°32	14°46	9°51	13°52	14°17	16°55	20°22	6°33	6°33	24°44	3°49	W18
T 19	9 55 42	0♓26'24	0♉36	6°48	0♒46	15°30	9°52	13°58	14°19	16°55	20°21	6°28	6°30	24°51	3°51	T 19
F 20	9 59 39	1°26'47	14°55	8°10	2° 0	16°13	9°52	14° 4	14°20	16°55	20°21	6°25	6°26	24°57	3°53	F 20
S 21	10 3 35	2°27'08	28°58	9°34	3°14	16°57	9°53	14°10	14°21	16°55	20°20	6°25	6°23	25° 4	3°55	S 21
S 22	10 7 32	3°27'28	12♊46	10°59	4°28	17°41	9°53	14°17	14°23	16°55	20°19	6°25	6°20	25°11	3°58	S 22
M23	10 11 29	4°27'45	26°19	12°25	5°42	18°24	9°54	14°23	14°24	16°55	20°18	6°24	6°17	25°17	4° 0	M23
T 24	10 15 25	5°28'00	9♋39	13°53	6°55	19° 8	9°R54	14°30	14°25	16°54	20°17	6°21	6°14	25°24	4° 3	T 24
W25	10 19 22	6°28'13	22°46	15°21	8° 9	19°51	9°53	14°36	14°27	16°54	20°16	6°15	6°11	25°31	4° 5	W25
T 26	10 23 18	7°28'25	5♌43	16°51	9°23	20°35	9°53	14°43	14°28	16°D54	20°14	6° 7	6° 7	25°37	4° 8	T 26
F 27	10 27 15	8°28'34	18°28	18°22	10°37	21°18	9°52	14°49	14°29	16°54	20°13	5°55	6° 4	25°44	4°10	F 27
S 28	10 31 11	9♓28'41	1♍ 3	19♒54	11♒51	22♈ 2	9♏52	14♈56	14♐30	16♊54	20♎12	5♐42	6♐ 1	25♎51	4♉13	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 9	5n 1	5s 2	20s39	1n42	22s24	0n47	0n35	0s21	13s21	1n16	2n40	2s23	22s28	0n 1	21n27	1s24	8n 4	17n21	21s44	21s35	12s15	11n34	1s 9
M 2	16 52	0 25	4 59	20 45	1 31	22 22	0 44	0 54	0 20	13 22	1 16	2 42	2 23	22 28	0 1	21 27	1 24	8 4	17 22	21 42	21 34	12 17	11 34	1 9
T 3	16 34	4s 8	4 42	20 50	1 20	22 20	0 41	1 12	0 19	13 23	1 16	2 44	2 22	22 28	0 1	21 27	1 24	8 5	17 23	21 41	21 34	12 19	11 35	1 9
W 4	16 16	8 27	4 13	20 54	1 9	22 16	0 38	1 31	0 18	13 24	1 16	2 47	2 22	22 29	0 1	21 27	1 24	8 6	17 23	21 39	21 33	12 21	11 35	1 9
T 5	15 58	12 24	3 33	20 57	0 58	22 12	0 35	1 49	0 17	13 25	1 17	2 49	2 22	22 29	0 1	21 27	1 24	8 6	17 24	21 38	21 33	12 23	11 35	1 9
F 6	15 40	15 51	2 44	20 59	0 47	22 8	0 32	2 7	0 16	13 26	1 17	2 51	2 22	22 29	0 1	21 27	1 24	8 7	17 24	21 38	21 32	12 25	11 36	1 9
S 7	15 21	18 41	1 48	21 0	0 37	22 2	0 29	2 26	0 15	13 27	1 17	2 53	2 22	22 29	0 1	21 27	1 24	8 8	17 25	21 38	21 32	12 26	11 36	1 9
S 8	15 3	20 43	0 46	21 0	0 27	21 56	0 26	2 44	0 14	13 28	1 17	2 56	2 21	22 30	0 1	21 27	1 24	8 8	17 25	21 38	21 31	12 28	11 37	1 9
M 9	14 43	21 51	0n18	20 59	0 17	21 50	0 22	3 2	0 13	13 28	1 17	2 58	2 21	22 30	0 1	21 27	1 24	8 9	17 26	21 38	21 31	12 30	11 38	1 9
T 10	14 24	21 56	1 24	20 57	0 7	21 42	0 19	3 20	0 13	13 29	1 18	3 0	2 21	22 30	0 1	21 27	1 24	8 10	17 26	21 38	21 30	12 32	11 38	1 9
W11	14 5	20 53	2 26	20 53	0s 3	21 34	0 16	3 39	0 12	13 30	1 18	3 3	2 21	22 30	0 1	21 27	1 24	8 10	17 27	21 37	21 30	12 34	11 39	1 9
T 12	13 45	18 40	3 23	20 49	0 12	21 26	0 13	3 57	0 11	13 30	1 18	3 5	2 21	22 31	0 1	21 27	1 24	8 11	17 27	21 36	21 29	12 36	11 39	1 9
F 13	13 25	15 21	4 10	20 43	0 20	21 17	0 10	4 15	0 10	13 31	1 18	3 7	2 20	22 31	0 1	21 27	1 24	8 12	17 28	21 35	21 29	12 38	11 40	1 9
S 14	13 4	11 5	4 43	20 36	0 29	21 7	0 7	4 33	0 9	13 31	1 18	3 10	2 20	22 31	0 1	21 27	1 24	8 13	17 28	21 33	21 28	12 40	11 41	1 9
S 15	12 44	6 7	4 59	20 27	0 37	20 56	0 4	4 51	0 8	13 31	1 19	3 12	2 20	22 31	0 1	21 27	1 24	8 13	17 29	21 31	21 28	12 42	11 41	1 9
M16	12 23	0 44	4 56	20 18	0 45	20 45	0 1	5 9	0 8	13 32	1 19	3 15	2 20	22 31	0 1	21 27	1 24	8 14	17 29	21 29	21 27	12 43	11 42	1 9
T 17	12 2	4n44	4 34	20 7	0 53	20 33	0s 2	5 26	0 7	13 32	1 19	3 17	2 20	22 32	0 1	21 27	1 24	8 15	17 30	21 27	21 27	12 45	11 43	1 9
W18	11 41	9 54	3 53	19 55	1 0	20 21	0 5	5 44	0 6	13 32	1 19	3 20	2 20	22 32	0 1	21 27	1 24	8 15	17 30	21 26	21 26	12 47	11 43	1 9
T 19	11 20	14 28	2 57	19 41	1 7	20 8	0 8	6 2	0 5	13 32	1 19	3 22	2 19	22 32	0 1	21 27	1 23	8 16	17 31	21 25	21 25	12 49	11 44	1 9
F 20	10 59	18 6	1 51	19 26	1 14	19 55	0 10	6 19	0 4	13 32	1 20	3 25	2 19	22 32	0 1	21 27	1 23	8 17	17 31	21 25	21 25	12 51	11 45	1 9
S 21	10 37	20 36	0 39	19 10	1 20	19 41	0 13	6 37	0 3	13 32	1 20	3 28	2 19	22 32	0 1	21 27	1 23	8 18	17 32	21 25	21 24	12 53	11 46	1 9
S 22	10 15	21 48	0s34	18 53	1 26	19 26	0 16	6 54	0 3	13 32	1 20	3 30	2 19	22 33	0 1	21 27	1 23	8 19	17 32	21 25	21 24	12 55	11 46	1 9
M23	9 53	21 42	1 43	18 34	1 32	19 11	0 19	7 12	0 2	13 32	1 20	3 33	2 19	22 33	0 1	21 27	1 23	8 19	17 33	21 24	21 23	12 56	11 47	1 9
T 24	9 31	20 22	2 46	18 14	1 37	18 55	0 22	7 29	0 1	13 32	1 20	3 35	2 19	22 33	0 1	21 27	1 23	8 20	17 33	21 24	21 23	12 58	11 48	1 9
W25	9 9	17 57	3 39	17 53	1 42	18 39	0 24	7 46	0 0	13 32	1 21	3 38	2 19	22 33	0 1	21 27	1 23	8 21	17 33	21 23	21 22	13 0	11 49	1 9
T 26	8 47	14 41	4 19	17 30	1 47	18 22	0 27	8 3	0n 0	13 31	1 21	3 41	2 18	22 33	0 1	21 27	1 23	8 22	17 34	21 21	21 22	13 2	11 50	1 9
F 27	8 24	10 46	4 46	17 6	1 51	18 5	0 30	8 20	0 1	13 31	1 21	3 43	2 18	22 33	0 1	21 27	1 23	8 22	17 34	21 19	21 21	13 4	11 50	1 9
S 28	8s 2	6n27	4s59	16s41	1s55	17s47	0s32	8n37	0n 2	13s30	1n21	3n46	2s18	22s33	0n 1	21n27	1s23	8n23	17n35	21s17	21s21	13s 6	11n51	1s 9

Julian Day Number = 2354056.5, Delta T = 11.72 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'51, Lahiri = 20°07'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

MARCH 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 8	10♓28'46	13♍28	21♒27	13♒ 5	22♈45	9°R51	15♈ 3	14♐31	16♊55	20°R11	5°R27	5♐58	25♎57	4♉16	S 1
M 2	10 39 4	11°28'50	25°42	23° 1	14°19	23°29	9♏50	15° 9	14°32	16°55	20♎10	5♐14	5°55	26° 4	4°18	M 2
T 3	10 43 1	12°28'51	7♎46	24°37	15°33	24°12	9°48	15°16	14°33	16°55	20° 9	5° 1	5°52	26°11	4°21	T 3
W 4	10 46 57	13°28'51	19°42	26°13	16°47	24°55	9°47	15°23	14°34	16°55	20° 7	4°51	5°48	26°17	4°24	W 4
T 5	10 50 54	14°28'49	1♏32	27°51	18° 1	25°38	9°45	15°30	14°34	16°55	20° 6	4°44	5°45	26°24	4°27	T 5
F 6	10 54 51	15°28'46	13°20	29°29	19°14	26°22	9°43	15°37	14°35	16°56	20° 5	4°40	5°42	26°31	4°30	F 6
S 7	10 58 47	16°28'41	25°10	1♓ 9	20°28	27° 5	9°41	15°44	14°36	16°56	20° 3	4°39	5°39	26°37	4°33	S 7
S 8	11 2 44	17°28'34	7♐ 6	2°50	21°42	27°48	9°39	15°51	14°37	16°56	20° 2	4°D38	5°36	26°44	4°36	S 8
M 9	11 6 40	18°28'25	19°14	4°32	22°56	28°31	9°37	15°58	14°37	16°57	20° 1	4°R38	5°32	26°51	4°39	M 9
T 10	11 10 37	19°28'15	1♑39	6°16	24°10	29°14	9°34	16° 5	14°38	16°57	19°59	4°38	5°29	26°57	4°42	T 10
W11	11 14 33	20°28'03	14°27	8° 0	25°24	29°57	9°31	16°12	14°38	16°57	19°58	4°35	5°26	27° 4	4°45	W11
T 12	11 18 30	21°27'50	27°41	9°46	26°38	0♉40	9°28	16°19	14°39	16°58	19°57	4°31	5°23	27°11	4°48	T 12
F 13	11 22 26	22°27'34	11♒24	11°33	27°52	1°23	9°25	16°26	14°39	16°58	19°55	4°24	5°20	27°17	4°51	F 13
S 14	11 26 23	23°27'17	25°36	13°21	29° 6	2° 6	9°22	16°33	14°39	16°59	19°54	4°14	5°17	27°24	4°54	S 14
S 15	11 30 20	24°26'58	10♓13	15°10	0♓20	2°48	9°18	16°41	14°40	16°59	19°52	4° 4	5°13	27°31	4°58	S 15
M16	11 34 16	25°26'36	25° 9	17° 1	1°34	3°31	9°15	16°48	14°40	17° 0	19°51	3°53	5°10	27°37	5° 1	M16
T 17	11 38 13	26°26'13	10♈14	18°53	2°48	4°14	9°11	16°55	14°40	17° 1	19°49	3°43	5° 7	27°44	5° 4	T 17
W18	11 42 9	27°25'48	25°19	20°46	4° 2	4°57	9° 7	17° 2	14°40	17° 1	19°48	3°36	5° 4	27°51	5° 8	W18
T 19	11 46 6	28°25'21	10♉13	22°40	5°16	5°39	9° 3	17°10	14°40	17° 2	19°46	3°32	5° 1	27°57	5°11	T 19
F 20	11 50 2	29°24'51	24°51	24°35	6°30	6°22	8°58	17°17	14°R40	17° 3	19°45	3°30	4°57	28° 4	5°15	F 20
S 21	11 53 59	0♈24'19	9♊ 8	26°32	7°44	7° 4	8°54	17°25	14°40	17° 4	19°43	3°D30	4°54	28°11	5°18	S 21
S 22	11 57 55	1°23'45	23° 3	28°30	8°58	7°47	8°49	17°32	14°40	17° 4	19°41	3°30	4°51	28°18	5°22	S 22
M23	12 1 52	2°23'08	6♋36	0♈29	10°12	8°29	8°44	17°39	14°40	17° 5	19°40	3°R30	4°48	28°24	5°25	M23
T 24	12 5 49	3°22'29	19°49	2°29	11°26	9°12	8°39	17°47	14°40	17° 6	19°38	3°29	4°45	28°31	5°29	T 24
W25	12 9 45	4°21'48	2♌45	4°30	12°40	9°54	8°34	17°54	14°39	17° 7	19°37	3°25	4°42	28°38	5°32	W25
T 26	12 13 42	5°21'04	15°27	6°32	13°53	10°37	8°29	18° 2	14°39	17° 8	19°35	3°19	4°38	28°44	5°36	T 26
F 27	12 17 38	6°20'18	27°57	8°35	15° 7	11°19	8°24	18° 9	14°39	17° 9	19°33	3°11	4°35	28°51	5°39	F 27
S 28	12 21 35	7°19'30	10♍16	10°38	16°21	12° 1	8°18	18°17	14°38	17°10	19°32	3° 1	4°32	28°58	5°43	S 28
S 29	12 25 31	8°18'39	22°26	12°41	17°35	12°43	8°12	18°24	14°38	17°11	19°30	2°51	4°29	29° 4	5°47	S 29
M30	12 29 28	9°17'47	4♎29	14°45	18°49	13°25	8° 7	18°32	14°37	17°12	19°29	2°40	4°26	29°11	5°50	M30
T 31	12 33 24	10♈16'52	16♎25	16♈49	20♓ 3	14♉ 8	8♏ 1	18♈39	14♐37	17♊13	19♎27	2♐31	4♐23	29♎18	5♉54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s39	1n56	4s57	16s15	1s59	17s28	0s35	8n54	0n 3	13s30	1n21	3n49	2s18	22s34	0n 1	21n27	1s23	8n24	17n35	21s15	21s20	13s 7	11n52	1s 9	S 1
M 2	7 16	2s35	4 41	15 47	2 2	17 9	0 37	9 11	0 4	13 29	1 21	3 51	2 18	22 34	0 1	21 27	1 23	8 25	17 35	21 12	21 19	13 9	11 53	1 9	M 2
T 3	6 53	6 57	4 13	15 18	2 5	16 50	0 40	9 28	0 4	13 29	1 22	3 54	2 18	22 34	0 1	21 27	1 23	8 26	17 36	21 10	21 19	13 11	11 54	1 9	T 3
W 4	6 30	11 1	3 34	14 47	2 7	16 30	0 42	9 44	0 5	13 28	1 22	3 57	2 18	22 34	0 1	21 27	1 23	8 26	17 36	21 8	21 18	13 13	11 55	1 9	W 4
T 5	6 7	14 37	2 46	14 15	2 9	16 10	0 45	10 1	0 6	13 28	1 22	4 0	2 18	22 34	0 1	21 27	1 23	8 27	17 37	21 7	21 18	13 15	11 56	1 10	T 5
F 6	5 44	17 37	1 50	13 42	2 10	15 49	0 47	10 17	0 7	13 27	1 22	4 2	2 17	22 34	0 1	21 28	1 23	8 28	17 37	21 6	21 17	13 16	11 57	1 10	F 6
S 7	5 21	19 54	0 50	13 8	2 11	15 28	0 49	10 34	0 7	13 26	1 22	4 5	2 17	22 34	0 1	21 28	1 23	8 29	17 37	21 6	21 17	13 18	11 58	1 10	S 7
S 8	4 57	21 19	0n13	12 32	2 12	15 6	0 52	10 50	0 8	13 25	1 23	4 8	2 17	22 34	0 1	21 28	1 23	8 30	17 38	21 6	21 16	13 20	11 59	1 10	S 8
M 9	4 34	21 46	1 17	11 55	2 12	14 44	0 54	11 6	0 9	13 24	1 23	4 11	2 17	22 34	0 1	21 28	1 22	8 30	17 38	21 6	21 15	13 22	12 0	1 10	M 9
T 10	4 10	21 10	2 18	11 16	2 12	14 22	0 56	11 22	0 9	13 23	1 23	4 14	2 17	22 34	0 1	21 28	1 22	8 31	17 38	21 6	21 15	13 24	12 1	1 10	T 10
W11	3 47	19 28	3 15	10 37	2 11	13 59	0 58	11 38	0 10	13 22	1 23	4 16	2 17	22 34	0 1	21 28	1 22	8 32	17 39	21 5	21 14	13 25	12 2	1 10	W11
T 12	3 23	16 41	4 3	9 56	2 10	13 36	1 0	11 53	0 11	13 21	1 23	4 19	2 17	22 34	0 1	21 28	1 22	8 33	17 39	21 4	21 14	13 27	12 3	1 10	T 12
F 13	3 0	12 55	4 39	9 14	2 9	13 12	1 2	12 9	0 12	13 20	1 23	4 22	2 17	22 35	0 1	21 28	1 22	8 34	17 39	21 3	21 13	13 29	12 4	1 10	F 13
S 14	2 36	8 19	4 59	8 30	2 7	12 48	1 4	12 25	0 12	13 19	1 24	4 25	2 17	22 35	0 1	21 28	1 22	8 34	17 39	21 1	21 13	13 31	12 5	1 10	S 14
S 15	2 12	3 6	5 1	7 45	2 4	12 24	1 6	12 40	0 13	13 17	1 24	4 28	2 17	22 35	0 1	21 28	1 22	8 35	17 40	20 59	21 12	13 33	12 6	1 10	S 15
M16	1 49	2n23	4 42	7 0	2 1	11 59	1 7	12 55	0 14	13 16	1 24	4 31	2 16	22 35	0 1	21 28	1 22	8 36	17 40	20 57	21 12	13 34	12 7	1 10	M16
T 17	1 25	7 48	4 4	6 12	1 57	11 34	1 9	13 10	0 14	13 15	1 24	4 33	2 16	22 35	0 1	21 29	1 22	8 37	17 40	20 56	21 11	13 36	12 8	1 10	T 17
W18	1 1	12 44	3 8	5 24	1 53	11 9	1 11	13 25	0 15	13 13	1 24	4 36	2 16	22 35	0 1	21 29	1 22	8 37	17 40	20 54	21 10	13 38	12 9	1 10	W18
T 19	0 38	16 49	2 1	4 35	1 49	10 43	1 12	13 40	0 16	13 12	1 24	4 39	2 16	22 35	0 1	21 29	1 22	8 38	17 41	20 53	21 10	13 40	12 10	1 10	T 19
F 20	0 14	19 45	0 46	3 44	1 44	10 17	1 14	13 55	0 16	13 10	1 24	4 42	2 16	22 35	0 1	21 29	1 22	8 39	17 41	20 53	21 9	13 41	12 11	1 10	F 20
S 21	0n10	21 21	0s30	2 53	1 38	9 51	1 15	14 10	0 17	13 9	1 25	4 45	2 16	22 35	0 1	21 29	1 22	8 40	17 41	20 53	21 9	13 43	12 12	1 10	S 21
S 22	0 33	21 35	1 42	2 0	1 32	9 24	1 17	14 24	0 18	13 7	1 25	4 48	2 16	22 35	0 1	21 29	1 22	8 41	17 41	20 53	21 8	13 45	12 13	1 10	S 22
M23	0 57	20 32	2 47	1 6	1 25	8 58	1 18	14 39	0 18	13 6	1 25	4 51	2 16	22 35	0 1	21 29	1 22	8 41	17 42	20 53	21 8	13 47	12 15	1 10	M23
T 24	1 21	18 21	3 41	0 12	1 18	8 31	1 20	14 53	0 19	13 4	1 25	4 54	2 16	22 35	0 1	21 29	1 22	8 42	17 42	20 53	21 7	13 48	12 16	1 10	T 24
W25	1 44	15 18	4 23	0n43	1 10	8 4	1 21	15 7	0 20	13 2	1 25	4 56	2 16	22 35	0 1	21 30	1 22	8 43	17 42	20 52	21 6	13 50	12 17	1 10	W25
T 26	2 8	11 36	4 50	1 39	1 2	7 36	1 22	15 21	0 20	13 0	1 25	4 59	2 16	22 35	0 1	21 30	1 22	8 43	17 42	20 51	21 6	13 52	12 18	1 10	T 26
F 27	2 31	7 27	5 4	2 36	0 53	7 9	1 23	15 35	0 21	12 59	1 25	5 2	2 16	22 35	0 1	21 30	1 22	8 44	17 42	20 49	21 5	13 54	12 19	1 10	F 27
S 28	2 55	3 4	5 3	3 33	0 44	6 41	1 24	15 48	0 22	12 57	1 25	5 5	2 16	22 35	0 1	21 30	1 21	8 45	17 42	20 47	21 5	13 55	12 20	1 10	S 28
S 29	3 18	1s24	4 48	4 30	0 34	6 13	1 25	16 2	0 22	12 55	1 26	5 8	2 16	22 35	0 1	21 30	1 21	8 46	17 42	20 45	21 4	13 57	12 21	1 11	S 29
M30	3 41	5 45	4 20	5 27	0 24	5 45	1 26	16 15	0 23	12 53	1 26	5 11	2 16	22 34	0 1	21 30	1 21	8 46	17 43	20 43	21 3	13 59	12 23	1 11	M30
T 31	4n 5	9s52	3s41	6n25	0s13	5s16	1s27	16n28	0n23	12s51	1n26	5n14	2s16	22s34	0n 1	21n30	1s21	8n47	17n43	20s42	21s 3	14s 0	12n24	1s11	T 31

Julian Day Number = 2354084.5, Delta T = 11.74 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'54, Lahiri = 20°07'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

APRIL 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 37 21	11♈15'55	28♎16	18♈52	21♓17	14♉50	7°R55	18♈47	14°R36	17♊14	19°R25	2°R24	4♐19	29♎24	5♉58	W 1
T 2	12 41 17	12°14'57	10♏ 5	20°55	22°31	15°32	7♏49	18°55	14♐35	17°15	19♎24	2♐19	4°16	29°31	6° 2	T 2
F 3	12 45 14	13°13'56	21°53	22°57	23°45	16°14	7°42	19° 2	14°35	17°16	19°22	2°16	4°13	29°38	6° 6	F 3
S 4	12 49 11	14°12'54	3♐44	24°58	24°59	16°56	7°36	19°10	14°34	17°17	19°20	2°D16	4°10	29°44	6° 9	S 4
S 5	12 53 7	15°11'50	15°42	26°57	26°12	17°38	7°29	19°17	14°33	17°19	19°18	2°16	4° 7	29°51	6°13	S 5
M 6	12 57 4	16°10'44	27°50	28°54	27°26	18°19	7°23	19°25	14°32	17°20	19°17	2°18	4° 3	29°58	6°17	M 6
T 7	13 1 0	17° 9'36	10♑14	0♉49	28°40	19° 1	7°16	19°33	14°31	17°21	19°15	2°19	4° 0	0♏ 4	6°21	T 7
W 8	13 4 57	18° 8'27	22°59	2°41	29°54	19°43	7° 9	19°40	14°30	17°23	19°13	2°R19	3°57	0°11	6°25	W 8
T 9	13 8 53	19° 7'16	6♒ 8	4°30	1♈ 8	20°25	7° 2	19°48	14°29	17°24	19°12	2°18	3°54	0°18	6°29	T 9
F 10	13 12 50	20° 6'03	19°45	6°16	2°22	21° 7	6°55	19°55	14°28	17°25	19°10	2°14	3°51	0°24	6°33	F 10
S 11	13 16 46	21° 4'48	3♓51	7°58	3°36	21°48	6°48	20° 3	14°27	17°27	19° 8	2°10	3°48	0°31	6°37	S 11
S 12	13 20 43	22° 3'32	18°24	9°36	4°50	22°30	6°41	20°11	14°26	17°28	19° 7	2° 4	3°44	0°38	6°40	S 12
M13	13 24 40	23° 2'13	3♈20	11°10	6° 3	23°11	6°34	20°18	14°25	17°29	19° 5	1°58	3°41	0°44	6°44	M13
T 14	13 28 36	24° 0'53	18°30	12°40	7°17	23°53	6°27	20°26	14°24	17°31	19° 3	1°52	3°38	0°51	6°48	T 14
W15	13 32 33	24°59'31	3♉45	14° 5	8°31	24°35	6°19	20°33	14°22	17°32	19° 2	1°48	3°35	0°58	6°52	W15
T 16	13 36 29	25°58'07	18°53	15°26	9°45	25°16	6°12	20°41	14°21	17°34	19° 0	1°46	3°32	1° 4	6°56	T 16
F 17	13 40 26	26°56'41	3♊47	16°41	10°59	25°57	6° 4	20°49	14°20	17°35	18°58	1°D46	3°28	1°11	7° 0	F 17
S 18	13 44 22	27°55'13	18°20	17°52	12°13	26°39	5°57	20°56	14°18	17°37	18°57	1°46	3°25	1°18	7° 4	S 18
S 19	13 48 19	28°53'43	2♋28	18°57	13°27	27°20	5°49	21° 4	14°17	17°39	18°55	1°48	3°22	1°24	7° 8	S 19
M20	13 52 15	29°52'11	16°10	19°57	14°40	28° 2	5°42	21°11	14°15	17°40	18°53	1°49	3°19	1°31	7°12	M20
T 21	13 56 12	0♉50'36	29°27	20°52	15°54	28°43	5°34	21°19	14°14	17°42	18°52	1°R50	3°16	1°38	7°17	T 21
W22	14 0 9	1°49'00	12♌23	21°42	17° 8	29°24	5°27	21°26	14°12	17°44	18°50	1°49	3°13	1°44	7°21	W22
T 23	14 4 5	2°47'21	24°59	22°26	18°22	0♊ 5	5°19	21°34	14°11	17°45	18°48	1°48	3° 9	1°51	7°25	T 23
F 24	14 8 2	3°45'40	7♍21	23° 5	19°36	0°46	5°11	21°41	14° 9	17°47	18°47	1°44	3° 6	1°58	7°29	F 24
S 25	14 11 58	4°43'56	19°30	23°38	20°49	1°28	5° 4	21°49	14° 7	17°49	18°45	1°40	3° 3	2° 4	7°33	S 25
S 26	14 15 55	5°42'11	1♎31	24° 5	22° 3	2° 9	4°56	21°56	14° 5	17°50	18°43	1°36	3° 0	2°11	7°37	S 26
M27	14 19 51	6°40'24	13°25	24°27	23°17	2°50	4°48	22° 4	14° 4	17°52	18°42	1°32	2°57	2°18	7°41	M27
T 28	14 23 48	7°38'35	25°16	24°44	24°31	3°31	4°41	22°11	14° 2	17°54	18°40	1°28	2°54	2°24	7°45	T 28
W29	14 27 44	8°36'45	7♏ 5	24°55	25°44	4°12	4°33	22°19	14° 0	17°56	18°39	1°25	2°50	2°31	7°49	W29
T 30	14 31 41	9♉34'52	18♏54	25♉ 0	26♈58	4♊52	4♏26	22♈26	13♐58	17♊58	18♎37	1♐23	2♐47	2♏38	7♉53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n28	13s34	2s53	7n22	0s 3	4s48	1s27	16n41	0n24	12s49	1n26	5n17	2s16	22s34	0n 1	21n31	1s21	8n48	17n43	20s40	21s 2	14s 2	12n25	1s11
T 2	4 51	16 42	1 57	8 19	0n 9	4 19	1 28	16 54	0 25	12 47	1 26	5 20	2 16	22 34	0 1	21 31	1 21	8 48	17 43	20 39	21 2	14 4	12 26	1 11
F 3	5 14	19 10	0 56	9 15	0 20	3 51	1 29	17 7	0 25	12 45	1 26	5 22	2 16	22 34	0 1	21 31	1 21	8 49	17 43	20 39	21 1	14 6	12 27	1 11
S 4	5 37	20 48	0n 8	10 10	0 31	3 22	1 29	17 20	0 26	12 42	1 26	5 25	2 15	22 34	0 1	21 31	1 21	8 50	17 43	20 39	21 0	14 7	12 29	1 11
S 5	6 0	21 31	1 12	11 4	0 43	2 53	1 30	17 32	0 26	12 40	1 26	5 28	2 15	22 34	0 1	21 31	1 21	8 50	17 43	20 39	21 0	14 9	12 30	1 11
M 6	6 22	21 13	2 14	11 56	0 54	2 24	1 30	17 44	0 27	12 38	1 26	5 31	2 15	22 34	0 1	21 31	1 21	8 51	17 43	20 39	20 59	14 11	12 31	1 11
T 7	6 45	19 54	3 11	12 48	1 5	1 55	1 30	17 57	0 28	12 36	1 26	5 34	2 15	22 34	0 1	21 32	1 21	8 52	17 43	20 39	20 59	14 12	12 32	1 11
W 8	7 7	17 34	4 0	13 37	1 16	1 26	1 31	18 8	0 28	12 34	1 26	5 37	2 15	22 34	0 1	21 32	1 21	8 52	17 43	20 39	20 58	14 14	12 33	1 11
T 9	7 30	14 16	4 39	14 24	1 27	0 56	1 31	18 20	0 29	12 31	1 26	5 40	2 15	22 34	0 1	21 32	1 21	8 53	17 43	20 39	20 58	14 16	12 35	1 11
F 10	7 52	10 7	5 3	15 10	1 37	0 27	1 31	18 32	0 29	12 29	1 26	5 43	2 15	22 34	0 1	21 32	1 21	8 54	17 43	20 38	20 57	14 17	12 36	1 11
S 11	8 14	5 18	5 10	15 53	1 47	0n 2	1 31	18 43	0 30	12 27	1 26	5 45	2 15	22 33	0 1	21 32	1 21	8 54	17 43	20 37	20 56	14 19	12 37	1 11
S 12	8 36	0 2	4 58	16 33	1 57	0 32	1 31	18 55	0 30	12 24	1 26	5 48	2 15	22 33	0 0	21 32	1 21	8 55	17 43	20 36	20 56	14 21	12 38	1 11
M13	8 58	5n23	4 25	17 12	2 6	1 1	1 31	19 6	0 31	12 22	1 26	5 51	2 15	22 33	0 0	21 33	1 21	8 55	17 43	20 35	20 55	14 22	12 40	1 11
T 14	9 20	10 33	3 34	17 47	2 14	1 30	1 31	19 17	0 31	12 20	1 26	5 54	2 15	22 33	0 0	21 33	1 21	8 56	17 43	20 34	20 55	14 24	12 41	1 11
W15	9 41	15 5	2 27	18 20	2 21	2 0	1 31	19 27	0 32	12 17	1 26	5 57	2 15	22 33	0 0	21 33	1 21	8 57	17 43	20 33	20 54	14 26	12 42	1 12
T 16	10 3	18 35	1 10	18 51	2 28	2 29	1 30	19 38	0 33	12 15	1 26	6 0	2 15	22 33	0 0	21 33	1 21	8 57	17 43	20 33	20 53	14 27	12 43	1 12
F 17	10 24	20 45	0s11	19 18	2 34	2 58	1 30	19 48	0 33	12 12	1 26	6 3	2 15	22 33	0 0	21 33	1 21	8 58	17 43	20 33	20 53	14 29	12 45	1 12
S 18	10 45	21 29	1 29	19 43	2 39	3 27	1 30	19 59	0 34	12 10	1 26	6 5	2 16	22 32	0 0	21 34	1 20	8 58	17 43	20 33	20 52	14 31	12 46	1 12
S 19	11 6	20 47	2 40	20 6	2 43	3 57	1 29	20 9	0 34	12 7	1 26	6 8	2 16	22 32	0 0	21 34	1 20	8 59	17 43	20 33	20 52	14 32	12 47	1 12
M20	11 26	18 52	3 39	20 25	2 46	4 26	1 29	20 19	0 35	12 5	1 26	6 11	2 16	22 32	0 0	21 34	1 20	8 59	17 43	20 33	20 51	14 34	12 48	1 12
T 21	11 47	15 58	4 25	20 42	2 48	4 55	1 28	20 28	0 35	12 2	1 26	6 14	2 16	22 32	0 0	21 34	1 20	9 0	17 43	20 33	20 50	14 35	12 50	1 12
W22	12 7	12 23	4 56	20 56	2 49	5 24	1 27	20 38	0 36	12 0	1 26	6 17	2 16	22 32	0 0	21 34	1 20	9 0	17 42	20 33	20 50	14 37	12 51	1 12
T 23	12 27	8 19	5 11	21 7	2 49	5 52	1 27	20 47	0 36	11 57	1 26	6 19	2 16	22 32	0 0	21 35	1 20	9 1	17 42	20 33	20 49	14 39	12 52	1 12
F 24	12 47	4 0	5 12	21 16	2 48	6 21	1 26	20 56	0 37	11 55	1 26	6 22	2 16	22 31	0 0	21 35	1 20	9 1	17 42	20 32	20 48	14 40	12 53	1 12
S 25	13 7	0s25	4 58	21 22	2 45	6 50	1 25	21 5	0 37	11 52	1 26	6 25	2 16	22 31	0 0	21 35	1 20	9 2	17 42	20 32	20 48	14 42	12 55	1 12
S 26	13 26	4 46	4 32	21 26	2 42	7 18	1 24	21 14	0 38	11 50	1 26	6 28	2 16	22 31	0 0	21 35	1 20	9 2	17 42	20 31	20 47	14 44	12 56	1 12
M27	13 46	8 54	3 54	21 27	2 37	7 46	1 23	21 23	0 38	11 47	1 26	6 30	2 16	22 31	0 0	21 35	1 20	9 2	17 42	20 30	20 47	14 45	12 57	1 12
T 28	14 5	12 40	3 6	21 25	2 31	8 14	1 22	21 31	0 39	11 45	1 26	6 33	2 16	22 31	0 0	21 35	1 20	9 3	17 41	20 29	20 46	14 47	12 58	1 13
W29	14 24	15 57	2 10	21 21	2 24	8 42	1 21	21 39	0 39	11 42	1 26	6 36	2 16	22 30	0 0	21 36	1 20	9 3	17 41	20 28	20 45	14 48	12 59	1 13
T 30	14n42	18s34	1s 8	21n14	2n15	9n10	1s20	21n47	0n40	11s40	1n26	6n38	2s16	22s30	0n 0	21n36	1s20	9n 4	17n41	20s28	20s45	14s50	13n 1	1s13

Julian Day Number = 2354115.5, Delta T = 11.75 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°00'59, Lahiri = 20°07'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

MAY 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 35 38	10♉32'58	0♐46	25°R 1	28♈12	5♊33	4°R18	22♈34	13°R56	17♊59	18°R36	1°D23	2♐44	2♏44	7♉57	F 1
S 2	14 39 34	11°31'03	12°43	24♉56	29°26	6°14	4♏10	22°41	13♐54	18° 1	18♎34	1♐23	2°41	2°51	8° 1	S 2
S 3	14 43 31	12°29'06	24°47	24°46	0♉39	6°55	4° 3	22°48	13°52	18° 3	18°33	1°24	2°38	2°58	8° 5	S 3
M 4	14 47 27	13°27'07	7♋ 2	24°32	1°53	7°36	3°55	22°56	13°51	18° 5	18°31	1°26	2°34	3° 4	8° 9	M 4
T 5	14 51 24	14°25'07	19°31	24°13	3° 7	8°16	3°48	23° 3	13°48	18° 7	18°30	1°27	2°31	3°11	8°13	T 5
W 6	14 55 20	15°23'06	2♒17	23°51	4°20	8°57	3°41	23°10	13°46	18° 9	18°28	1°28	2°28	3°18	8°17	W 6
T 7	14 59 17	16°21'03	15°24	23°25	5°34	9°38	3°33	23°17	13°44	18°11	18°27	1°R29	2°25	3°24	8°21	T 7
F 8	15 3 13	17°18'59	28°55	22°56	6°48	10°18	3°26	23°25	13°42	18°13	18°25	1°28	2°22	3°31	8°25	F 8
S 9	15 7 10	18°16'54	12♓50	22°24	8° 2	10°59	3°19	23°32	13°40	18°15	18°24	1°27	2°19	3°38	8°29	S 9
S 10	15 11 7	19°14'47	27°11	21°51	9°15	11°39	3°11	23°39	13°38	18°17	18°22	1°26	2°15	3°44	8°34	S 10
M11	15 15 3	20°12'39	11♈53	21°16	10°29	12°20	3° 4	23°46	13°36	18°19	18°21	1°25	2°12	3°51	8°38	M11
T 12	15 19 0	21°10'30	26°52	20°41	11°43	13° 0	2°57	23°53	13°34	18°21	18°20	1°24	2° 9	3°58	8°42	T 12
W13	15 22 56	22° 8'20	12♉ 0	20° 5	12°56	13°41	2°50	24° 0	13°31	18°23	18°18	1°23	2° 6	4° 4	8°46	W13
T 14	15 26 53	23° 6'08	27° 7	19°31	14°10	14°21	2°44	24° 7	13°29	18°25	18°17	1°D22	2° 3	4°11	8°50	T 14
F 15	15 30 49	24° 3'55	12♊ 5	18°57	15°24	15° 2	2°37	24°14	13°27	18°27	18°16	1°22	2° 0	4°18	8°53	F 15
S 16	15 34 46	25° 1'41	26°46	18°25	16°38	15°42	2°30	24°21	13°25	18°29	18°14	1°23	1°56	4°24	8°57	S 16
S 17	15 38 42	25°59'25	11♋ 3	17°55	17°51	16°22	2°24	24°28	13°22	18°31	18°13	1°23	1°53	4°31	9° 1	S 17
M18	15 42 39	26°57'07	24°55	17°29	19° 5	17° 3	2°17	24°35	13°20	18°33	18°12	1°24	1°50	4°38	9° 5	M18
T 19	15 46 36	27°54'48	8♌20	17° 5	20°19	17°43	2°11	24°42	13°18	18°35	18°11	1°24	1°47	4°44	9° 9	T 19
W20	15 50 32	28°52'27	21°21	16°44	21°32	18°23	2° 5	24°48	13°15	18°38	18°10	1°24	1°44	4°51	9°13	W20
T 21	15 54 29	29°50'04	3♍59	16°28	22°46	19° 3	1°59	24°55	13°13	18°40	18° 8	1°R24	1°40	4°57	9°17	T 21
F 22	15 58 25	0♊47'40	16°19	16°15	24° 0	19°43	1°53	25° 2	13°11	18°42	18° 7	1°24	1°37	5° 4	9°21	F 22
S 23	16 2 22	1°45'15	28°25	16° 7	25°13	20°23	1°47	25° 8	13° 8	18°44	18° 6	1°D24	1°34	5°11	9°25	S 23
S 24	16 6 18	2°42'48	10♎22	16°D 3	26°27	21° 3	1°41	25°15	13° 6	18°46	18° 5	1°24	1°31	5°17	9°29	S 24
M25	16 10 15	3°40'20	22°12	16° 3	27°41	21°43	1°36	25°22	13° 3	18°48	18° 4	1°25	1°28	5°24	9°32	M25
T 26	16 14 11	4°37'50	4♏ 0	16° 8	28°54	22°23	1°30	25°28	13° 1	18°50	18° 3	1°25	1°25	5°31	9°36	T 26
W27	16 18 8	5°35'20	15°50	16°17	0♊ 8	23° 3	1°25	25°35	12°58	18°53	18° 2	1°25	1°21	5°37	9°40	W27
T 28	16 22 5	6°32'48	27°43	16°31	1°22	23°43	1°20	25°41	12°56	18°55	18° 1	1°R25	1°18	5°44	9°44	T 28
F 29	16 26 1	7°30'15	9♐42	16°50	2°35	24°23	1°15	25°47	12°54	18°57	18° 0	1°25	1°15	5°51	9°47	F 29
S 30	16 29 58	8°27'41	21°49	17°12	3°49	25° 3	1°10	25°54	12°51	18°59	17°59	1°25	1°12	5°57	9°51	S 30
S 31	16 33 54	9♊25'06	4♋ 6	17♉39	5♊ 3	25♊43	1♏ 5	26♈ 0	12♐49	19♊ 1	17♎58	1♐24	1♐ 9	6♏ 4	9♉55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	15n 0	20s24	0s 3	21n 4	2n 5	9n37	1s19	21n55	0n40	11s37	1n26	6n41	2s16	22s30	0n 0	21n36	1s20	9n 4	17n41	20s28	20s44	14s52	13n 2	1s13	
S 2	15 19	21 19	1n 2	20 53	1 55	10 5	1 17	22 3	0 41	11 35	1 26	6 44	2 16	22 30	0 0	21 36	1 20	9 4	17 41	20 28	20 44	14 53	13 3	1 13	
S 3	15 36	21 16	2 6	20 39	1 43	10 32	1 16	22 10	0 41	11 33	1 26	6 46	2 16	22 30	0 0	21 36	1 20	9 5	17 40	20 28	20 43	14 55	13 4	1 13	
M 4	15 54	20 13	3 5	20 23	1 30	10 59	1 15	22 17	0 41	11 30	1 26	6 49	2 16	22 29	0 0	21 37	1 20	9 5	17 40	20 29	20 42	14 56	13 6	1 13	
T 5	16 11	18 10	3 56	20 5	1 16	11 25	1 13	22 24	0 42	11 28	1 25	6 52	2 16	22 29	0 0	21 37	1 20	9 5	17 40	20 29	20 42	14 58	13 7	1 13	
W 6	16 28	15 11	4 37	19 45	1 1	11 51	1 12	22 31	0 42	11 25	1 25	6 54	2 16	22 29	0 0	21 37	1 20	9 6	17 40	20 29	20 41	14 59	13 8	1 13	
T 7	16 45	11 23	5 4	19 23	0 45	12 17	1 10	22 38	0 43	11 23	1 25	6 57	2 17	22 29	0 0	21 37	1 20	9 6	17 39	20 29	20 40	15 1	13 9	1 13	
F 8	17 2	6 55	5 17	19 0	0 29	12 43	1 9	22 44	0 43	11 21	1 25	6 59	2 17	22 28	0 0	21 37	1 20	9 6	17 39	20 29	20 40	15 3	13 10	1 13	
S 9	17 18	1 58	5 11	18 35	0 12	13 9	1 7	22 51	0 44	11 18	1 25	7 2	2 17	22 28	0 0	21 38	1 20	9 6	17 39	20 29	20 39	15 4	13 12	1 13	
S 10	17 34	3n15	4 46	18 10	0s 5	13 34	1 6	22 57	0 44	11 16	1 25	7 4	2 17	22 28	0 0	21 38	1 20	9 7	17 38	20 29	20 39	15 6	13 13	1 14	
M11	17 49	8 24	4 1	17 44	0 23	13 59	1 4	23 2	0 45	11 14	1 25	7 7	2 17	22 28	0 0	21 38	1 20	9 7	17 38	20 28	20 38	15 7	13 14	1 14	
T 12	18 5	13 10	3 0	17 18	0 40	14 23	1 2	23 8	0 45	11 11	1 25	7 9	2 17	22 27	0 0	21 38	1 20	9 7	17 38	20 28	20 37	15 9	13 15	1 14	
W13	18 20	17 8	1 46	16 52	0 58	14 47	1 0	23 13	0 45	11 9	1 24	7 12	2 17	22 27	0 0	21 39	1 20	9 7	17 37	20 28	20 37	15 10	13 16	1 14	
T 14	18 34	19 56	0 24	16 26	1 15	15 11	0 59	23 19	0 46	11 7	1 24	7 14	2 17	22 27	0 0	21 39	1 20	9 7	17 37	20 28	20 36	15 12	13 18	1 14	
F 15	18 49	21 18	0s59	16 1	1 32	15 34	0 57	23 24	0 46	11 5	1 24	7 17	2 17	22 27	0 0	21 39	1 20	9 7	17 37	20 28	20 35	15 13	13 19	1 14	
S 16	19 3	21 10	2 16	15 37	1 48	15 57	0 55	23 29	0 47	11 3	1 24	7 19	2 17	22 26	0 0	21 39	1 20	9 8	17 36	20 28	20 35	15 15	13 20	1 14	
S 17	19 17	19 38	3 23	15 14	2 3	16 20	0 53	23 33	0 47	11 1	1 24	7 22	2 18	22 26	0 0	21 39	1 20	9 8	17 36	20 28	20 34	15 16	13 21	1 14	
M18	19 30	16 59	4 16	14 52	2 18	16 42	0 51	23 38	0 47	10 59	1 24	7 24	2 18	22 26	0 0	21 40	1 19	9 8	17 36	20 28	20 33	15 18	13 22	1 14	
T 19	19 43	13 30	4 52	14 32	2 31	17 4	0 49	23 42	0 48	10 57	1 23	7 27	2 18	22 25	0 0	21 40	1 19	9 8	17 35	20 28	20 33	15 19	13 23	1 14	
W20	19 56	9 28	5 13	14 14	2 44	17 25	0 47	23 46	0 48	10 55	1 23	7 29	2 18	22 25	0 0	21 40	1 19	9 8	17 35	20 28	20 32	15 21	13 24	1 15	
T 21	20 9	5 8	5 17	13 58	2 56	17 46	0 45	23 50	0 49	10 53	1 23	7 31	2 18	22 25	0 0	21 40	1 19	9 8	17 35	20 28	20 32	15 23	13 26	1 15	
F 22	20 21	0 41	5 7	13 45	3 7	18 7	0 43	23 53	0 49	10 51	1 23	7 34	2 18	22 25	0 0	21 40	1 19	9 8	17 34	20 28	20 31	15 24	13 27	1 15	
S 23	20 32	3s42	4 43	13 33	3 16	18 27	0 40	23 57	0 49	10 49	1 23	7 36	2 18	22 24	0 0	21 41	1 19	9 8	17 34	20 28	20 30	15 26	13 28	1 15	
S 24	20 44	7 54	4 7	13 24	3 24	18 46	0 38	24 0	0 50	10 47	1 22	7 38	2 18	22 24	0 0	21 41	1 19	9 8	17 33	20 28	20 30	15 27	13 29	1 15	
M25	20 55	11 46	3 21	13 17	3 32	19 5	0 36	24 3	0 50	10 46	1 22	7 40	2 19	22 24	0 0	21 41	1 19	9 8	17 33	20 28	20 29	15 29	13 30	1 15	
T 26	21 6	15 10	2 27	13 13	3 38	19 23	0 34	24 6	0 50	10 44	1 22	7 43	2 19	22 23	0 0	21 41	1 19	9 8	17 32	20 28	20 28	15 30	13 31	1 15	
W27	21 16	17 58	1 26	13 11	3 43	19 41	0 32	24 8	0 51	10 42	1 22	7 45	2 19	22 23	0 0	21 41	1 19	9 8	17 32	20 28	20 28	15 31	13 32	1 15	
T 28	21 26	20 1	0 21	13 11	3 47	19 59	0 29	24 10	0 51	10 41	1 22	7 47	2 19	22 23	0 0	21 42	1 19	9 8	17 32	20 28	20 27	15 33	13 33	1 16	
F 29	21 36	21 11	0n46	13 13	3 49	20 16	0 27	24 13	0 51	10 39	1 21	7 49	2 19	22 23	0 0	21 42	1 19	9 8	17 31	20 28	20 26	15 34	13 34	1 16	
S 30	21 45	21 23	1 51	13 18	3 51	20 32	0 25	24 15	0 52	10 38	1 21	7 51	2 19	22 22	0 0	21 42	1 19	9 8	17 31	20 28	20 26	15 36	13 35	1 16	
S 31	21n54	20s33	2n52	13n24	3s52	20n48	0s23	24n16	0n52	10s36	1n21	7n53	2s19	22s22	0n 0	21n42	1s19	9n 8	17n30	20s28	20s25	15s37	13n36	1s16	

Julian Day Number = 2354145.5, Delta T = 11.77 sec
Ecliptic obliquity = 23°28'22, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'03, Lahiri = 20°08'03Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

JUNE 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 37 51	10♊22'31	16♉34	18♉10	6♊16	26♊23	1°R 0	26♈ 6	12°R46	19♊ 4	17°R57	1°R23	1♐ 6	6♏11	9♉58	M 1
T 2	16 41 47	11°19'55	29°16	18°46	7°30	27° 2	0♏56	26°12	12♐44	19° 6	17♎57	1♐22	1° 2	6°17	10° 2	T 2
W 3	16 45 44	12°17'17	12♒12	19°25	8°44	27°42	0°52	26°18	12°41	19° 8	17°56	1°21	0°59	6°24	10° 6	W 3
T 4	16 49 40	13°14'40	25°25	20° 9	9°57	28°22	0°48	26°24	12°39	19°10	17°55	1°20	0°56	6°31	10° 9	T 4
F 5	16 53 37	14°12'01	8♓56	20°56	11°11	29° 2	0°44	26°30	12°36	19°13	17°54	1°D19	0°53	6°37	10°13	F 5
S 6	16 57 34	15° 9'23	22°45	21°47	12°25	29°41	0°40	26°36	12°34	19°15	17°53	1°19	0°50	6°44	10°16	S 6
S 7	17 1 30	16° 6'43	6♈53	22°42	13°38	0♋21	0°36	26°42	12°31	19°17	17°53	1°20	0°46	6°51	10°20	S 7
M 8	17 5 27	17° 4'03	21°18	23°41	14°52	1° 0	0°33	26°48	12°29	19°19	17°52	1°21	0°43	6°57	10°23	M 8
T 9	17 9 23	18° 1'23	5♉57	24°43	16° 6	1°40	0°29	26°54	12°26	19°22	17°52	1°22	0°40	7° 4	10°27	T 9
W10	17 13 20	18°58'43	20°45	25°48	17°19	2°20	0°26	26°59	12°24	19°24	17°51	1°23	0°37	7°11	10°30	W10
T 11	17 17 16	19°56'02	5♊36	26°57	18°33	2°59	0°23	27° 5	12°22	19°26	17°50	1°R23	0°34	7°17	10°34	T 11
F 12	17 21 13	20°53'20	20°22	28°10	19°47	3°39	0°21	27°11	12°19	19°28	17°50	1°22	0°31	7°24	10°37	F 12
S 13	17 25 9	21°50'38	4♋57	29°25	21° 1	4°18	0°18	27°16	12°17	19°30	17°49	1°21	0°27	7°31	10°40	S 13
S 14	17 29 6	22°47'55	19°14	0♊44	22°14	4°58	0°16	27°21	12°14	19°33	17°49	1°18	0°24	7°37	10°43	S 14
M15	17 33 3	23°45'12	3♌ 8	2° 6	23°28	5°37	0°13	27°27	12°12	19°35	17°48	1°15	0°21	7°44	10°47	M15
T 16	17 36 59	24°42'28	16°38	3°32	24°42	6°16	0°11	27°32	12°10	19°37	17°48	1°12	0°18	7°51	10°50	T 16
W17	17 40 56	25°39'43	29°42	5° 0	25°55	6°56	0° 9	27°37	12° 7	19°39	17°48	1° 9	0°15	7°57	10°53	W17
T 18	17 44 52	26°36'57	12♍24	6°32	27° 9	7°35	0° 8	27°42	12° 5	19°42	17°47	1° 7	0°12	8° 4	10°56	T 18
F 19	17 48 49	27°34'11	24°46	8° 7	28°23	8°14	0° 6	27°48	12° 2	19°44	17°47	1°D 6	0° 8	8°11	10°59	F 19
S 20	17 52 45	28°31'24	6♎52	9°45	29°36	8°54	0° 5	27°53	12° 0	19°46	17°47	1° 7	0° 5	8°17	11° 2	S 20
S 21	17 56 42	29°28'36	18°48	11°26	0♋50	9°33	0° 4	27°57	11°58	19°48	17°46	1° 8	0° 2	8°24	11° 5	S 21
M22	18 0 38	0♋25'48	0♏38	13°10	2° 4	10°12	0° 3	28° 2	11°55	19°51	17°46	1° 9	29♏59	8°31	11° 8	M22
T 23	18 4 35	1°23'00	12°26	14°57	3°18	10°51	0° 2	28° 7	11°53	19°53	17°46	1°11	29°56	8°37	11°11	T 23
W24	18 8 32	2°20'11	24°18	16°47	4°31	11°30	0° 1	28°12	11°51	19°55	17°46	1°12	29°52	8°44	11°14	W24
T 25	18 12 28	3°17'21	6♐16	18°40	5°45	12°10	0° 1	28°16	11°49	19°57	17°46	1°R12	29°49	8°51	11°17	T 25
F 26	18 16 25	4°14'32	18°24	20°35	6°59	12°49	0° 0	28°21	11°46	19°59	17°46	1°11	29°46	8°57	11°20	F 26
S 27	18 20 21	5°11'42	0♑45	22°33	8°13	13°28	0°D 0	28°25	11°44	20° 1	17°46	1° 8	29°43	9° 4	11°23	S 27
S 28	18 24 18	6° 8'52	13°18	24°33	9°26	14° 7	0° 0	28°30	11°42	20° 4	17°D46	1° 4	29°40	9°10	11°26	S 28
M29	18 28 14	7° 6'02	26° 6	26°35	10°40	14°46	0° 1	28°34	11°40	20° 6	17°46	0°58	29°37	9°17	11°28	M29
T 30	18 32 11	8♋ 3'12	9♒ 7	28♊39	11♋54	15♋25	0♏ 1	28♈38	11♐38	20♊ 8	17♎46	0♐52	29♏33	9♏24	11♉31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 2	18s43	3n45	13n33	3s52	21n 3	0s20	24n18	0n53	10s35	1n21	7n56	2s20	22s22	0s 0	21n42	1s19	9n 8	17n30	20s28	20s24	15s39	13n37	1s16
T 2	22 10	15 57	4 29	13 44	3 51	21 18	0 18	24 19	0 53	10 34	1 20	7 58	2 20	22 21	0 0	21 43	1 19	9 8	17 29	20 28	20 24	15 40	13 38	1 16
W 3	22 18	12 22	4 59	13 56	3 49	21 32	0 16	24 20	0 53	10 32	1 20	8 0	2 20	22 21	0 0	21 43	1 19	9 7	17 29	20 27	20 23	15 42	13 40	1 16
T 4	22 25	8 7	5 15	14 10	3 46	21 45	0 13	24 21	0 54	10 31	1 20	8 2	2 20	22 21	0 0	21 43	1 19	9 7	17 28	20 27	20 22	15 43	13 41	1 16
F 5	22 32	3 23	5 14	14 26	3 42	21 58	0 11	24 22	0 54	10 30	1 20	8 4	2 20	22 20	0 0	21 43	1 19	9 7	17 28	20 27	20 22	15 45	13 42	1 16
S 6	22 39	1n38	4 55	14 44	3 38	22 10	0 8	24 23	0 54	10 29	1 19	8 6	2 20	22 20	0 0	21 43	1 19	9 7	17 27	20 27	20 21	15 46	13 42	1 17
S 7	22 45	6 41	4 18	15 2	3 33	22 22	0 6	24 23	0 55	10 28	1 19	8 8	2 21	22 20	0 0	21 43	1 19	9 7	17 27	20 27	20 20	15 48	13 43	1 17
M 8	22 51	11 28	3 24	15 22	3 27	22 33	0 4	24 23	0 55	10 27	1 19	8 9	2 21	22 19	0 0	21 44	1 19	9 6	17 26	20 28	20 20	15 49	13 44	1 17
T 9	22 56	15 40	2 16	15 44	3 21	22 43	0 1	24 23	0 55	10 26	1 19	8 11	2 21	22 19	0 0	21 44	1 19	9 6	17 26	20 28	20 19	15 50	13 45	1 17
W10	23 1	18 54	0 59	16 6	3 14	22 53	0n 1	24 23	0 55	10 25	1 18	8 13	2 21	22 19	0 0	21 44	1 19	9 6	17 25	20 28	20 18	15 52	13 46	1 17
T 11	23 5	20 53	0s23	16 29	3 6	23 2	0 3	24 22	0 56	10 24	1 18	8 15	2 21	22 19	0 0	21 44	1 19	9 6	17 25	20 28	20 18	15 53	13 47	1 17
F 12	23 10	21 25	1 43	16 53	2 58	23 10	0 6	24 21	0 56	10 24	1 18	8 17	2 21	22 18	0 0	21 44	1 19	9 5	17 24	20 28	20 17	15 55	13 48	1 17
S 13	23 13	20 28	2 55	17 18	2 49	23 18	0 8	24 20	0 56	10 23	1 18	8 19	2 22	22 18	0 0	21 45	1 19	9 5	17 24	20 27	20 16	15 56	13 49	1 18
S 14	23 17	18 14	3 54	17 44	2 40	23 25	0 11	24 19	0 57	10 22	1 17	8 20	2 22	22 18	0 0	21 45	1 19	9 5	17 23	20 27	20 16	15 58	13 50	1 18
M15	23 19	14 58	4 38	18 10	2 30	23 32	0 13	24 18	0 57	10 22	1 17	8 22	2 22	22 17	0 0	21 45	1 19	9 4	17 23	20 26	20 15	15 59	13 51	1 18
T 16	23 22	11 2	5 5	18 36	2 20	23 37	0 15	24 17	0 57	10 21	1 17	8 24	2 22	22 17	0 0	21 45	1 19	9 4	17 22	20 26	20 14	16 0	13 52	1 18
W17	23 24	6 40	5 15	19 2	2 10	23 42	0 18	24 15	0 58	10 21	1 17	8 26	2 22	22 17	0 0	21 45	1 19	9 4	17 22	20 25	20 14	16 2	13 53	1 18
T 18	23 26	2 10	5 9	19 29	1 59	23 46	0 20	24 13	0 58	10 20	1 16	8 27	2 23	22 16	0 0	21 45	1 19	9 3	17 21	20 25	20 13	16 3	13 53	1 18
F 19	23 27	2s20	4 48	19 55	1 48	23 50	0 22	24 11	0 58	10 20	1 16	8 29	2 23	22 16	0 0	21 46	1 19	9 3	17 21	20 25	20 12	16 5	13 54	1 18
S 20	23 28	6 38	4 16	20 21	1 36	23 53	0 24	24 9	0 58	10 20	1 16	8 30	2 23	22 16	0 0	21 46	1 19	9 3	17 20	20 25	20 12	16 6	13 55	1 19
S 21	23 28	10 39	3 32	20 47	1 25	23 55	0 27	24 6	0 59	10 20	1 16	8 32	2 23	22 16	0 0	21 46	1 19	9 2	17 19	20 25	20 11	16 7	13 56	1 19
M22	23 28	14 12	2 40	21 12	1 13	23 56	0 29	24 4	0 59	10 20	1 15	8 33	2 23	22 15	0 0	21 46	1 19	9 2	17 19	20 25	20 10	16 9	13 57	1 19
T 23	23 28	17 12	1 41	21 37	1 1	23 57	0 31	24 1	0 59	10 20	1 15	8 35	2 24	22 15	0 0	21 46	1 19	9 1	17 18	20 26	20 10	16 10	13 57	1 19
W24	23 27	19 29	0 38	22 0	0 49	23 57	0 33	23 58	0 59	10 20	1 15	8 36	2 24	22 15	0 0	21 46	1 19	9 1	17 18	20 26	20 9	16 12	13 58	1 19
T 25	23 26	20 56	0n28	22 22	0 37	23 56	0 36	23 54	1 0	10 20	1 14	8 38	2 24	22 14	0 0	21 47	1 19	9 0	17 17	20 26	20 8	16 13	13 59	1 19
F 26	23 24	21 26	1 33	22 43	0 25	23 55	0 38	23 51	1 0	10 20	1 14	8 39	2 24	22 14	0 0	21 47	1 19	9 0	17 17	20 26	20 8	16 14	14 0	1 19
S 27	23 22	20 54	2 34	23 2	0 14	23 53	0 40	23 47	1 0	10 20	1 14	8 41	2 24	22 14	0 0	21 47	1 19	8 59	17 16	20 25	20 7	16 16	14 0	1 20
S 28	23 20	19 20	3 30	23 19	0 2	23 50	0 42	23 44	1 0	10 20	1 14	8 42	2 25	22 13	0 0	21 47	1 19	8 59	17 15	20 24	20 6	16 17	14 1	1 20
M29	23 17	16 47	4 15	23 35	0n 9	23 47	0 44	23 40	1 1	10 21	1 13	8 43	2 25	22 13	0 0	21 47	1 19	8 58	17 15	20 23	20 6	16 18	14 2	1 20
T 30	23n14	13s21	4n49	23n48	0n20	23n42	0n46	23n35	1n 1	10s21	1n13	8n45	2s25	22s13	0s 0	21n47	1s19	8n58	17n14	20s22	20s 5	16s20	14n 2	1s20

Julian Day Number = 2354176.5, Delta T = 11.79 sec
Ecliptic obliquity = 23°28'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'07, Lahiri = 20°08'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

JULY 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 36 8	9♋ 0'22	22♒23	0♋45	13♋ 8	16♋ 4	0♏ 2	28♈42	11°R36	20♊10	17♎46	0°R46	29♏30	9♏30	11♉34	W 1
T 2	18 40 4	9°57'33	5♓51	2°52	14°21	16°43	0° 2	28°46	11♐34	20°12	17°46	0♐41	29°27	9°37	11°36	T 2
F 3	18 44 1	10°54'43	19°31	5° 0	15°35	17°22	0° 3	28°50	11°32	20°14	17°46	0°38	29°24	9°44	11°39	F 3
S 4	18 47 57	11°51'54	3♈23	7° 9	16°49	18° 1	0° 5	28°54	11°30	20°17	17°46	0°36	29°21	9°50	11°41	S 4
S 5	18 51 54	12°49'06	17°25	9°19	18° 3	18°40	0° 6	28°58	11°28	20°19	17°46	0°D36	29°18	9°57	11°44	S 5
M 6	18 55 50	13°46'18	1♉36	11°29	19°16	19°19	0° 7	29° 2	11°26	20°21	17°47	0°37	29°14	10° 4	11°46	M 6
T 7	18 59 47	14°43'30	15°56	13°38	20°30	19°57	0° 9	29° 6	11°24	20°23	17°47	0°38	29°11	10°10	11°48	T 7
W 8	19 3 43	15°40'43	0♊21	15°48	21°44	20°36	0°11	29° 9	11°22	20°25	17°47	0°R39	29° 8	10°17	11°51	W 8
T 9	19 7 40	16°37'57	14°48	17°56	22°58	21°15	0°13	29°13	11°20	20°27	17°48	0°38	29° 5	10°24	11°53	T 9
F 10	19 11 37	17°35'11	29°12	20° 5	24°12	21°54	0°15	29°16	11°18	20°29	17°48	0°35	29° 2	10°30	11°55	F 10
S 11	19 15 33	18°32'25	13♋29	22°12	25°25	22°33	0°18	29°19	11°16	20°31	17°49	0°30	28°58	10°37	11°57	S 11
S 12	19 19 30	19°29'40	27°32	24°17	26°39	23°12	0°20	29°22	11°14	20°33	17°49	0°23	28°55	10°44	11°59	S 12
M13	19 23 26	20°26'55	11♌18	26°22	27°53	23°50	0°23	29°25	11°13	20°35	17°50	0°15	28°52	10°50	12° 1	M13
T 14	19 27 23	21°24'10	24°43	28°25	29° 7	24°29	0°26	29°28	11°11	20°37	17°50	0° 7	28°49	10°57	12° 3	T 14
W15	19 31 19	22°21'26	7♍46	0♌27	0♌21	25° 8	0°29	29°31	11° 9	20°39	17°51	29♏59	28°46	11° 4	12° 5	W15
T 16	19 35 16	23°18'41	20°27	2°27	1°35	25°47	0°32	29°34	11° 8	20°41	17°51	29°53	28°43	11°10	12° 7	T 16
F 17	19 39 12	24°15'57	2♎49	4°26	2°48	26°25	0°36	29°37	11° 6	20°43	17°52	29°48	28°39	11°17	12° 9	F 17
S 18	19 43 9	25°13'14	14°56	6°22	4° 2	27° 4	0°39	29°39	11° 5	20°45	17°53	29°46	28°36	11°24	12°11	S 18
S 19	19 47 6	26°10'30	26°52	8°17	5°16	27°43	0°43	29°42	11° 3	20°47	17°53	29°D45	28°33	11°30	12°12	S 19
M20	19 51 2	27° 7'47	8♏41	10°11	6°30	28°21	0°47	29°44	11° 2	20°49	17°54	29°46	28°30	11°37	12°14	M20
T 21	19 54 59	28° 5'05	20°31	12° 2	7°44	29° 0	0°51	29°47	11° 0	20°50	17°55	29°47	28°27	11°43	12°16	T 21
W22	19 58 55	29° 2'23	2♐25	13°52	8°58	29°38	0°55	29°49	10°59	20°52	17°55	29°R47	28°24	11°50	12°17	W22
T 23	20 2 52	29°59'41	14°28	15°41	10°12	0♌17	1° 0	29°51	10°58	20°54	17°56	29°46	28°20	11°57	12°19	T 23
F 24	20 6 48	0♌57'00	26°44	17°27	11°25	0°56	1° 4	29°53	10°56	20°56	17°57	29°43	28°17	12° 3	12°20	F 24
S 25	20 10 45	1°54'19	9♑17	19°12	12°39	1°34	1° 9	29°55	10°55	20°58	17°58	29°37	28°14	12°10	12°22	S 25
S 26	20 14 41	2°51'39	22° 7	20°55	13°53	2°13	1°14	29°57	10°54	21° 0	17°59	29°29	28°11	12°17	12°23	S 26
M27	20 18 38	3°49'00	5♒16	22°36	15° 7	2°51	1°19	29°59	10°53	21° 1	18° 0	29°19	28° 8	12°23	12°24	M27
T 28	20 22 35	4°46'22	18°41	24°16	16°21	3°30	1°24	0♉ 0	10°51	21° 3	18° 1	29° 9	28° 4	12°30	12°26	T 28
W29	20 26 31	5°43'45	2♓21	25°54	17°35	4° 8	1°29	0° 2	10°50	21° 5	18° 2	28°58	28° 1	12°37	12°27	W29
T 30	20 30 28	6°41'08	16°12	27°30	18°49	4°47	1°35	0° 3	10°49	21° 6	18° 3	28°49	27°58	12°43	12°28	T 30
F 31	20 34 24	7♌38'33	0♈11	29♌ 5	20♌ 2	5♌25	1♏40	0♉ 4	10♐48	21♊ 8	18♎ 4	28♏42	27♏55	12♏50	12♉29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n10	9s14	5n 7	23n58	0n30	23n37	0n48	23n31	1n 1	10s22	1n13	8n46	2s25	22s13	0s 0	21n48	1s19	8n57	17n14	20s20	20s 4	16s21	14n 3	1s20	
T 2	23 6	4 35	5 9	24 7	0 40	23 32	0 50	23 26	1 1	10 22	1 13	8 47	2 26	22 12	0 0	21 48	1 19	8 57	17 13	20 19	20 4	16 22	14 4	1 20	
F 3	23 1	0n21	4 54	24 12	0 50	23 25	0 52	23 22	1 2	10 23	1 12	8 48	2 26	22 12	0 0	21 48	1 19	8 56	17 13	20 19	20 3	16 24	14 4	1 20	
S 4	22 57	5 20	4 21	24 15	0 59	23 18	0 54	23 17	1 2	10 23	1 12	8 49	2 26	22 12	0 0	21 48	1 19	8 55	17 12	20 18	20 2	16 25	14 5	1 21	
S 5	22 51	10 7	3 33	24 15	1 7	23 11	0 56	23 12	1 2	10 24	1 12	8 51	2 26	22 12	0 0	21 48	1 19	8 55	17 11	20 18	20 2	16 26	14 6	1 21	
M 6	22 46	14 24	2 31	24 13	1 14	23 2	0 58	23 6	1 2	10 25	1 11	8 52	2 27	22 11	0 0	21 48	1 19	8 54	17 11	20 18	20 1	16 28	14 6	1 21	
T 7	22 39	17 53	1 19	24 7	1 21	22 53	0 59	23 1	1 3	10 26	1 11	8 53	2 27	22 11	0 0	21 48	1 19	8 54	17 10	20 19	20 0	16 29	14 7	1 21	
W 8	22 33	20 17	0 2	23 59	1 27	22 43	1 1	22 55	1 3	10 27	1 11	8 54	2 27	22 11	0 0	21 49	1 19	8 53	17 10	20 19	20 0	16 30	14 7	1 21	
T 9	22 26	21 21	1s16	23 48	1 33	22 33	1 3	22 50	1 3	10 28	1 11	8 55	2 27	22 11	0 0	21 49	1 19	8 52	17 9	20 19	19 59	16 32	14 8	1 21	
F 10	22 19	21 0	2 28	23 34	1 37	22 22	1 5	22 44	1 3	10 29	1 10	8 56	2 28	22 10	0 0	21 49	1 19	8 52	17 9	20 18	19 58	16 33	14 8	1 22	
S 11	22 11	19 18	3 30	23 18	1 41	22 10	1 6	22 38	1 3	10 30	1 10	8 57	2 28	22 10	0 0	21 49	1 19	8 51	17 8	20 17	19 57	16 34	14 9	1 22	
S 12	22 3	16 27	4 19	23 0	1 44	21 58	1 8	22 31	1 4	10 31	1 10	8 57	2 28	22 10	0 0	21 49	1 19	8 50	17 7	20 16	19 57	16 36	14 9	1 22	
M13	21 55	12 45	4 51	22 39	1 46	21 45	1 9	22 25	1 4	10 32	1 10	8 58	2 28	22 10	0 0	21 49	1 19	8 49	17 7	20 14	19 56	16 37	14 10	1 22	
T 14	21 46	8 30	5 6	22 16	1 48	21 31	1 11	22 18	1 4	10 33	1 9	8 59	2 29	22 9	0 0	21 49	1 19	8 49	17 6	20 12	19 55	16 38	14 10	1 22	
W15	21 37	3 58	5 4	21 51	1 49	21 17	1 12	22 11	1 4	10 35	1 9	9 0	2 29	22 9	0 0	21 49	1 19	8 48	17 6	20 11	19 55	16 39	14 11	1 22	
T 16	21 27	0s37	4 48	21 25	1 49	21 2	1 13	22 4	1 4	10 36	1 9	9 1	2 29	22 9	0 0	21 50	1 19	8 47	17 5	20 9	19 54	16 41	14 11	1 23	
F 17	21 18	5 4	4 18	20 56	1 49	20 46	1 15	21 57	1 5	10 38	1 8	9 1	2 29	22 9	0 0	21 50	1 19	8 47	17 5	20 8	19 53	16 42	14 11	1 23	
S 18	21 7	9 14	3 37	20 26	1 47	20 30	1 16	21 50	1 5	10 39	1 8	9 2	2 30	22 9	0 0	21 50	1 19	8 46	17 4	20 8	19 53	16 43	14 12	1 23	
S 19	20 57	12 58	2 47	19 55	1 46	20 13	1 17	21 43	1 5	10 41	1 8	9 3	2 30	22 8	0 0	21 50	1 19	8 45	17 3	20 8	19 52	16 45	14 12	1 23	
M20	20 46	16 10	1 51	19 23	1 43	19 56	1 18	21 35	1 5	10 42	1 8	9 3	2 30	22 8	0 0	21 50	1 19	8 44	17 3	20 8	19 51	16 46	14 13	1 23	
T 21	20 34	18 42	0 50	18 49	1 41	19 38	1 19	21 27	1 5	10 44	1 7	9 4	2 30	22 8	0 1	21 50	1 19	8 43	17 2	20 8	19 50	16 47	14 13	1 23	
W22	20 23	20 27	0n14	18 14	1 37	19 20	1 20	21 19	1 5	10 46	1 7	9 4	2 31	22 8	0 1	21 50	1 19	8 43	17 2	20 8	19 50	16 48	14 13	1 24	
T 23	20 11	21 17	1 18	17 38	1 33	19 1	1 21	21 11	1 6	10 47	1 7	9 5	2 31	22 8	0 1	21 50	1 19	8 42	17 1	20 8	19 49	16 50	14 13	1 24	
F 24	19 58	21 7	2 19	17 2	1 29	18 42	1 22	21 3	1 6	10 49	1 7	9 5	2 31	22 7	0 1	21 50	1 19	8 41	17 1	20 7	19 48	16 51	14 14	1 24	
S 25	19 46	19 55	3 15	16 25	1 24	18 22	1 23	20 55	1 6	10 51	1 6	9 6	2 31	22 7	0 1	21 51	1 19	8 40	17 0	20 6	19 48	16 52	14 14	1 24	
S 26	19 33	17 41	4 2	15 47	1 19	18 1	1 24	20 46	1 6	10 53	1 6	9 6	2 32	22 7	0 1	21 51	1 19	8 39	17 0	20 4	19 47	16 53	14 14	1 24	
M27	19 20	14 30	4 37	15 9	1 13	17 40	1 25	20 37	1 6	10 55	1 6	9 6	2 32	22 7	0 1	21 51	1 20	8 38	16 59	20 2	19 46	16 55	14 14	1 24	
T 28	19 6	10 31	4 58	14 30	1 7	17 19	1 25	20 29	1 6	10 57	1 6	9 7	2 32	22 7	0 1	21 51	1 20	8 38	16 59	20 0	19 46	16 56	14 15	1 25	
W29	18 52	5 57	5 2	13 51	1 0	16 57	1 26	20 20	1 7	10 59	1 5	9 7	2 32	22 7	0 1	21 51	1 20	8 37	16 58	19 57	19 45	16 57	14 15	1 25	
T 30	18 38	1 0	4 49	13 12	0 53	16 34	1 26	20 11	1 7	11 1	1 5	9 7	2 33	22 7	0 1	21 51	1 20	8 36	16 57	19 55	19 44	16 58	14 15	1 25	
F 31	18n23	4n 2	4n19	12n32	0n46	16n12	1n27	20n 1	1n 7	11s 3	1n 5	9n 8	2s33	22s 6	0s 1	21n51	1s20	8n35	16n57	19s54	19s43	16s59	14n15	1s25	

Julian Day Number = 2354206.5, Delta T = 11.80 sec
Ecliptic obliquity = 23°28'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'11, Lahiri = 20°08'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

AUGUST 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 21	8♌35'59	14♈15	0♍38	21♌16	6♌ 3	1♏46	0♉ 6	10°R47	21♊10	18♎ 5	28°R38	27♏52	12♏57	12♉30	S 1
S 2	20 42 17	9°33'26	28°22	2° 9	22°30	6°42	1°52	0° 7	10♐47	21°11	18° 6	28♏36	27°49	13° 3	12°31	S 2
M 3	20 46 14	10°30'55	12♉30	3°38	23°44	7°20	1°58	0° 8	10°46	21°13	18° 8	28°D35	27°45	13°10	12°32	M 3
T 4	20 50 10	11°28'25	26°38	5° 6	24°58	7°59	2° 4	0° 9	10°45	21°15	18° 9	28°R36	27°42	13°17	12°33	T 4
W 5	20 54 7	12°25'57	10♊44	6°32	26°12	8°37	2°11	0°10	10°44	21°16	18°10	28°35	27°39	13°23	12°33	W 5
T 6	20 58 4	13°23'29	24°48	7°57	27°26	9°16	2°17	0°10	10°43	21°18	18°11	28°33	27°36	13°30	12°34	T 6
F 7	21 2 0	14°21'04	8♋47	9°19	28°40	9°54	2°24	0°11	10°43	21°19	18°13	28°28	27°33	13°37	12°35	F 7
S 8	21 5 57	15°18'39	22°39	10°40	29°53	10°32	2°31	0°11	10°42	21°21	18°14	28°21	27°29	13°43	12°35	S 8
S 9	21 9 53	16°16'16	6♌20	11°59	1♍ 7	11°11	2°37	0°12	10°42	21°22	18°15	28°11	27°26	13°50	12°36	S 9
M10	21 13 50	17°13'54	19°48	13°16	2°21	11°49	2°44	0°12	10°41	21°24	18°17	27°59	27°23	13°57	12°36	M10
T 11	21 17 46	18°11'33	3♍ 0	14°31	3°35	12°27	2°52	0°12	10°41	21°25	18°18	27°46	27°20	14° 3	12°37	T 11
W12	21 21 43	19° 9'14	15°53	15°44	4°49	13° 6	2°59	0°R12	10°40	21°26	18°19	27°35	27°17	14°10	12°37	W12
T 13	21 25 39	20° 6'55	28°28	16°55	6° 3	13°44	3° 6	0°12	10°40	21°28	18°21	27°24	27°14	14°16	12°37	T 13
F 14	21 29 36	21° 4'38	10♎47	18° 4	7°17	14°22	3°14	0°12	10°40	21°29	18°22	27°17	27°10	14°23	12°38	F 14
S 15	21 33 33	22° 2'22	22°51	19°10	8°31	15° 1	3°22	0°12	10°39	21°30	18°24	27°11	27° 7	14°30	12°38	S 15
S 16	21 37 29	23° 0'07	4♏46	20°14	9°45	15°39	3°29	0°11	10°39	21°32	18°25	27° 9	27° 4	14°36	12°38	S 16
M17	21 41 26	23°57'53	16°35	21°16	10°58	16°17	3°37	0°11	10°39	21°33	18°27	27° 8	27° 1	14°43	12°R38	M17
T 18	21 45 22	24°55'41	28°24	22°15	12°12	16°55	3°46	0°10	10°39	21°34	18°29	27° 8	26°58	14°50	12°38	T 18
W19	21 49 19	25°53'29	10♐18	23°12	13°26	17°34	3°54	0°10	10°39	21°35	18°30	27° 7	26°55	14°56	12°38	W19
T 20	21 53 15	26°51'19	22°23	24° 5	14°40	18°12	4° 2	0° 9	10°D39	21°37	18°32	27° 6	26°51	15° 3	12°38	T 20
F 21	21 57 12	27°49'10	4♑43	24°56	15°54	18°50	4°10	0° 8	10°39	21°38	18°34	27° 2	26°48	15°10	12°38	F 21
S 22	22 1 8	28°47'03	17°24	25°43	17° 8	19°28	4°19	0° 7	10°39	21°39	18°35	26°56	26°45	15°16	12°37	S 22
S 23	22 5 5	29°44'56	0♒26	26°27	18°22	20° 6	4°28	0° 6	10°39	21°40	18°37	26°47	26°42	15°23	12°37	S 23
M24	22 9 2	0♍42'51	13°51	27° 7	19°35	20°45	4°36	0° 5	10°39	21°41	18°39	26°36	26°39	15°30	12°37	M24
T 25	22 12 58	1°40'48	27°38	27°43	20°49	21°23	4°45	0° 3	10°39	21°42	18°41	26°24	26°35	15°36	12°36	T 25
W26	22 16 55	2°38'46	11♓42	28°15	22° 3	22° 1	4°54	0° 2	10°40	21°43	18°42	26°12	26°32	15°43	12°36	W26
T 27	22 20 51	3°36'46	26° 0	28°43	23°17	22°39	5° 3	0° 1	10°40	21°44	18°44	26° 2	26°29	15°50	12°35	T 27
F 28	22 24 48	4°34'47	10♈24	29° 6	24°31	23°17	5°13	29♈59	10°40	21°45	18°46	25°54	26°26	15°56	12°35	F 28
S 29	22 28 44	5°32'51	24°50	29°24	25°45	23°55	5°22	29°57	10°41	21°46	18°48	25°49	26°23	16° 3	12°34	S 29
S 30	22 32 41	6°30'56	9♉12	29°38	26°58	24°34	5°31	29°55	10°41	21°47	18°50	25°46	26°20	16° 9	12°33	S 30
M31	22 36 37	7♍29'03	23♉28	29♍45	28♍12	25♌12	5♏41	29♈54	10♐42	21♊47	18♎52	25°D45	26♏16	16♏16	12♉32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n 8	8n54	3n33	11n52	0n39	15n48	1n27	19n52	1n 7	11s 6	1n 5	9n 8	2s33	22s 6	0s 1	21n51	1s20	8n34	16n56	19s53	19s43	17s 1	14n15	1s25	S 1
S 2	17 53	13 18	2 33	11 12	0 31	15 25	1 27	19 42	1 7	11 8	1 4	9 8	2 34	22 6	0 1	21 51	1 20	8 33	16 56	19 52	19 42	17 2	14 15	1 25	S 2
M 3	17 38	16 57	1 24	10 32	0 23	15 0	1 28	19 33	1 7	11 10	1 4	9 8	2 34	22 6	0 1	21 51	1 20	8 32	16 55	19 52	19 41	17 3	14 16	1 26	M 3
T 4	17 22	19 36	0 10	9 53	0 14	14 36	1 28	19 23	1 7	11 13	1 4	9 8	2 34	22 6	0 1	21 51	1 20	8 31	16 55	19 52	19 41	17 4	14 16	1 26	T 4
W 5	17 6	21 2	1s 4	9 13	0 6	14 11	1 28	19 13	1 8	11 15	1 4	9 8	2 34	22 6	0 1	21 52	1 20	8 30	16 54	19 52	19 40	17 5	14 16	1 26	W 5
T 6	16 49	21 8	2 14	8 33	0s 3	13 46	1 28	19 3	1 8	11 17	1 3	9 8	2 35	22 6	0 1	21 52	1 20	8 29	16 54	19 52	19 39	17 7	14 16	1 26	T 6
F 7	16 33	19 55	3 16	7 54	0 12	13 20	1 28	18 53	1 8	11 20	1 3	9 8	2 35	22 6	0 1	21 52	1 20	8 28	16 53	19 51	19 38	17 8	14 16	1 26	F 7
S 8	16 16	17 32	4 5	7 15	0 21	12 54	1 28	18 43	1 8	11 23	1 3	9 8	2 35	22 6	0 1	21 52	1 20	8 28	16 53	19 49	19 38	17 9	14 16	1 27	S 8
S 9	15 59	14 12	4 40	6 36	0 31	12 28	1 28	18 32	1 8	11 25	1 3	9 8	2 35	22 6	0 1	21 52	1 20	8 27	16 52	19 47	19 37	17 10	14 16	1 27	S 9
M10	15 42	10 11	4 58	5 58	0 40	12 1	1 28	18 22	1 8	11 28	1 2	9 8	2 36	22 5	0 1	21 52	1 20	8 26	16 52	19 44	19 36	17 11	14 16	1 27	M10
T 11	15 24	5 45	5 0	5 20	0 50	11 34	1 27	18 11	1 8	11 30	1 2	9 7	2 36	22 5	0 1	21 52	1 20	8 25	16 51	19 41	19 35	17 13	14 16	1 27	T 11
W12	15 6	1 11	4 46	4 43	1 0	11 6	1 27	18 0	1 8	11 33	1 2	9 7	2 36	22 5	0 1	21 52	1 20	8 24	16 51	19 39	19 35	17 14	14 16	1 27	W12
T 13	14 48	3s21	4 18	4 6	1 10	10 39	1 27	17 49	1 9	11 36	1 2	9 7	2 36	22 5	0 1	21 52	1 20	8 23	16 50	19 36	19 34	17 15	14 16	1 27	T 13
F 14	14 30	7 38	3 39	3 30	1 20	10 11	1 26	17 38	1 9	11 39	1 2	9 7	2 37	22 5	0 1	21 52	1 20	8 22	16 50	19 35	19 33	17 16	14 15	1 28	F 14
S 15	14 11	11 33	2 51	2 55	1 30	9 43	1 26	17 27	1 9	11 41	1 1	9 6	2 37	22 5	0 1	21 52	1 20	8 21	16 49	19 34	19 33	17 17	14 15	1 28	S 15
S 16	13 52	14 57	1 56	2 21	1 40	9 14	1 25	17 16	1 9	11 44	1 1	9 6	2 37	22 5	0 1	21 52	1 20	8 20	16 49	19 33	19 32	17 18	14 15	1 28	S 16
M17	13 33	17 42	0 56	1 47	1 50	8 46	1 24	17 4	1 9	11 47	1 1	9 6	2 38	22 5	0 1	21 52	1 20	8 19	16 49	19 33	19 31	17 20	14 15	1 28	M17
T 18	13 14	19 43	0n 7	1 14	2 0	8 17	1 24	16 53	1 9	11 50	1 1	9 5	2 38	22 5	0 1	21 52	1 20	8 18	16 48	19 33	19 30	17 21	14 15	1 28	T 18
W19	12 54	20 53	1 9	0 43	2 10	7 48	1 23	16 41	1 9	11 53	1 1	9 5	2 38	22 5	0 1	21 52	1 20	8 17	16 48	19 33	19 30	17 22	14 15	1 29	W19
T 20	12 35	21 6	2 10	0 12	2 20	7 18	1 22	16 30	1 9	11 56	1 0	9 4	2 38	22 5	0 1	21 52	1 20	8 16	16 47	19 32	19 29	17 23	14 14	1 29	T 20
F 21	12 15	20 18	3 5	0s17	2 30	6 49	1 21	16 18	1 9	11 59	1 0	9 4	2 39	22 5	0 1	21 52	1 20	8 15	16 47	19 31	19 28	17 24	14 14	1 29	F 21
S 22	11 55	18 29	3 53	0 45	2 40	6 19	1 20	16 6	1 9	12 2	1 0	9 3	2 39	22 5	0 1	21 52	1 20	8 14	16 46	19 30	19 27	17 25	14 14	1 29	S 22
S 23	11 35	15 41	4 30	1 11	2 50	5 49	1 19	15 54	1 10	12 5	1 0	9 2	2 39	22 5	0 1	21 52	1 20	8 13	16 46	19 28	19 27	17 26	14 14	1 29	S 23
M24	11 14	12 0	4 53	1 36	3 0	5 19	1 18	15 42	1 10	12 8	0 59	9 2	2 39	22 5	0 1	21 53	1 20	8 12	16 46	19 25	19 26	17 27	14 13	1 29	M24
T 25	10 54	7 36	5 1	1 59	3 9	4 49	1 16	15 30	1 10	12 12	0 59	9 1	2 40	22 5	0 1	21 53	1 20	8 11	16 45	19 23	19 25	17 29	14 13	1 30	T 25
W26	10 33	2 43	4 50	2 20	3 18	4 19	1 15	15 17	1 10	12 15	0 59	9 0	2 40	22 5	0 1	21 53	1 20	8 10	16 45	19 20	19 24	17 30	14 13	1 30	W26
T 27	10 12	2n24	4 21	2 39	3 27	3 48	1 14	15 5	1 10	12 18	0 59	9 0	2 40	22 5	0 1	21 53	1 20	8 9	16 44	19 17	19 24	17 31	14 12	1 30	T 27
F 28	9 51	7 26	3 36	2 56	3 35	3 17	1 12	14 53	1 10	12 21	0 59	8 59	2 40	22 6	0 1	21 53	1 20	8 8	16 44	19 15	19 23	17 32	14 12	1 30	F 28
S 29	9 29	12 3	2 36	3 10	3 43	2 47	1 11	14 40	1 10	12 25	0 58	8 58	2 41	22 6	0 1	21 53	1 21	8 7	16 44	19 14	19 22	17 33	14 12	1 30	S 29
S 30	9 8	15 57	1 27	3 22	3 50	2 16	1 9	14 27	1 10	12 28	0 58	8 57	2 41	22 6	0 1	21 53	1 21	8 6	16 43	19 14	19 22	17 34	14 11	1 31	S 30
M31	8n46	18n52	0n12	3s31	3s57	1n45	1n 8	14n14	1n10	12s31	0n58	8n56	2s41	22s 6	0s 1	21n53	1s21	8n 5	16n43	19s13	19s21	17s35	14n11	1s31	M31

Julian Day Number = 2354237.5, Delta T = 11.82 sec
Ecliptic obliquity = 23°28'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'16, Lahiri = 20°08'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

SEPTEMBER 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 34	8♍27'13	7♊35	29°R47	29♍26	25♌50	5♏50	29°R52	10♐43	21♊48	18♎54	25°R45	26♏13	16♏23	12°R32	T 1
W 2	22 44 30	9°25'24	21°33	29♍43	0♎40	26°28	6° 0	29♈50	10°43	21°49	18°56	25♏45	26°10	16°29	12♉31	W 2
T 3	22 48 27	10°23'38	5♋21	29°32	1°53	27° 6	6°10	29°47	10°44	21°50	18°57	25°43	26° 7	16°36	12°30	T 3
F 4	22 52 24	11°21'54	19° 0	29°15	3° 7	27°44	6°20	29°45	10°45	21°50	18°59	25°38	26° 4	16°43	12°29	F 4
S 5	22 56 20	12°20'11	2♌28	28°52	4°21	28°22	6°30	29°43	10°46	21°51	19° 1	25°31	26° 1	16°49	12°28	S 5
S 6	23 0 17	13°18'31	15°46	28°22	5°35	29° 0	6°40	29°40	10°46	21°52	19° 4	25°21	25°57	16°56	12°26	S 6
M 7	23 4 13	14°16'53	28°51	27°46	6°49	29°39	6°50	29°38	10°47	21°52	19° 6	25°10	25°54	17° 3	12°25	M 7
T 8	23 8 10	15°15'16	11♍43	27° 3	8° 2	0♍17	7° 0	29°35	10°48	21°53	19° 8	24°57	25°51	17° 9	12°24	T 8
W 9	23 12 6	16°13'41	24°21	26°15	9°16	0°55	7°11	29°32	10°49	21°54	19°10	24°46	25°48	17°16	12°23	W 9
T 10	23 16 3	17°12'08	6♎45	25°22	10°30	1°33	7°21	29°29	10°50	21°54	19°12	24°36	25°45	17°23	12°21	T 10
F 11	23 19 59	18°10'37	18°56	24°24	11°43	2°11	7°32	29°27	10°51	21°55	19°14	24°28	25°41	17°29	12°20	F 11
S 12	23 23 56	19° 9'08	0♏56	23°24	12°57	2°49	7°43	29°24	10°53	21°55	19°16	24°23	25°38	17°36	12°18	S 12
S 13	23 27 53	20° 7'40	12°47	22°21	14°11	3°27	7°53	29°20	10°54	21°55	19°18	24°20	25°35	17°42	12°17	S 13
M14	23 31 49	21° 6'15	24°34	21°18	15°25	4° 5	8° 4	29°17	10°55	21°56	19°20	24°D19	25°32	17°49	12°15	M14
T 15	23 35 46	22° 4'51	6♐22	20°15	16°38	4°43	8°15	29°14	10°56	21°56	19°23	24°20	25°29	17°56	12°14	T 15
W16	23 39 42	23° 3'28	18°15	19°15	17°52	5°21	8°26	29°11	10°58	21°56	19°25	24°R20	25°26	18° 2	12°12	W16
T 17	23 43 39	24° 2'08	0♑18	18°19	19° 6	5°59	8°37	29° 7	10°59	21°57	19°27	24°20	25°22	18° 9	12°10	T 17
F 18	23 47 35	25° 0'49	12°38	17°29	20°19	6°37	8°48	29° 4	11° 1	21°57	19°29	24°19	25°19	18°16	12° 8	F 18
S 19	23 51 32	25°59'31	25°19	16°45	21°33	7°15	8°59	29° 0	11° 2	21°57	19°31	24°15	25°16	18°22	12° 6	S 19
S 20	23 55 28	26°58'16	8♒25	16° 9	22°47	7°53	9°11	28°57	11° 4	21°57	19°34	24° 9	25°13	18°29	12° 5	S 20
M21	23 59 25	27°57'02	21°57	15°42	24° 0	8°31	9°22	28°53	11° 5	21°58	19°36	24° 1	25°10	18°36	12° 3	M21
T 22	0 3 22	28°55'50	5♓55	15°24	25°14	9° 9	9°33	28°49	11° 7	21°58	19°38	23°52	25° 6	18°42	12° 1	T 22
W23	0 7 18	29°54'40	20°16	15°D17	26°27	9°47	9°45	28°45	11° 9	21°58	19°40	23°43	25° 3	18°49	11°59	W23
T 24	0 11 15	0♎53'32	4♈55	15°19	27°41	10°25	9°56	28°41	11°10	21°58	19°43	23°36	25° 0	18°56	11°57	T 24
F 25	0 15 11	1°52'26	19°43	15°32	28°54	11° 3	10° 8	28°37	11°12	21°R58	19°45	23°30	24°57	19° 2	11°54	F 25
S 26	0 19 8	2°51'22	4♉34	15°54	0♏ 8	11°41	10°20	28°33	11°14	21°58	19°47	23°26	24°54	19° 9	11°52	S 26
S 27	0 23 4	3°50'20	19°19	16°26	1°21	12°19	10°32	28°29	11°16	21°58	19°50	23°D25	24°51	19°16	11°50	S 27
M28	0 27 1	4°49'21	3♊53	17° 8	2°35	12°58	10°43	28°25	11°18	21°58	19°52	23°25	24°47	19°22	11°48	M28
T 29	0 30 57	5°48'24	18°11	17°57	3°48	13°36	10°55	28°21	11°20	21°57	19°54	23°26	24°44	19°29	11°45	T 29
W30	0 34 54	6♎47'29	2♋13	18♍55	5♏ 2	14♍14	11♏ 7	28♈17	11♐22	21♊57	19♎57	23°R27	24♏41	19♏35	11♉43	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n25	20n35	1s 2	3s37	4s 3	1n14	1n 6	14n 2	1n10	12s35	0n58	8n55	2s41	22s 6	0s 1	21n53	1s21	8n 3	16n42	19s13	19s20	17s36	14n10	1s31
W 2	8 3	21 0	2 12	3 40	4 7	0 43	1 5	13 49	1 10	12 38	0 58	8 54	2 41	22 6	0 1	21 53	1 21	8 2	16 42	19 13	19 19	17 37	14 10	1 31
T 3	7 41	20 8	3 14	3 39	4 11	0 12	1 3	13 36	1 10	12 41	0 58	8 53	2 42	22 6	0 1	21 53	1 21	8 1	16 42	19 13	19 19	17 38	14 10	1 31
F 4	7 19	18 7	4 3	3 35	4 14	0s19	1 1	13 23	1 10	12 45	0 57	8 52	2 42	22 6	0 1	21 53	1 21	8 0	16 41	19 12	19 18	17 39	14 9	1 31
S 5	6 56	15 7	4 38	3 27	4 15	0 50	0 59	13 9	1 10	12 48	0 57	8 51	2 42	22 6	0 1	21 53	1 21	7 59	16 41	19 10	19 17	17 40	14 9	1 32
S 6	6 34	11 23	4 58	3 15	4 15	1 21	0 57	12 56	1 10	12 52	0 57	8 50	2 42	22 6	0 1	21 53	1 21	7 58	16 41	19 8	19 16	17 42	14 8	1 32
M 7	6 12	7 11	5 1	2 59	4 14	1 52	0 55	12 43	1 10	12 55	0 57	8 49	2 43	22 7	0 1	21 53	1 21	7 57	16 40	19 5	19 16	17 43	14 8	1 32
T 8	5 49	2 43	4 49	2 39	4 10	2 23	0 53	12 29	1 11	12 59	0 57	8 48	2 43	22 7	0 1	21 53	1 21	7 56	16 40	19 2	19 15	17 44	14 7	1 32
W 9	5 26	1s47	4 23	2 16	4 5	2 54	0 51	12 16	1 11	13 2	0 56	8 47	2 43	22 7	0 1	21 53	1 21	7 55	16 40	18 59	19 14	17 45	14 6	1 32
T 10	5 4	6 8	3 45	1 48	3 58	3 25	0 49	12 2	1 11	13 6	0 56	8 46	2 43	22 7	0 1	21 53	1 21	7 54	16 40	18 57	19 13	17 46	14 6	1 33
F 11	4 41	10 9	2 57	1 17	3 49	3 56	0 47	11 49	1 11	13 10	0 56	8 44	2 43	22 7	0 1	21 53	1 21	7 53	16 39	18 55	19 13	17 47	14 5	1 33
S 12	4 18	13 43	2 2	0 43	3 38	4 26	0 44	11 35	1 11	13 13	0 56	8 43	2 44	22 7	0 1	21 53	1 21	7 52	16 39	18 53	19 12	17 48	14 5	1 33
S 13	3 55	16 40	1 1	0 7	3 26	4 57	0 42	11 21	1 11	13 17	0 56	8 42	2 44	22 8	0 1	21 53	1 21	7 51	16 39	18 53	19 11	17 49	14 4	1 33
M14	3 32	18 55	0n 1	0n32	3 11	5 28	0 40	11 7	1 11	13 20	0 56	8 41	2 44	22 8	0 1	21 53	1 21	7 50	16 38	18 53	19 10	17 50	14 3	1 33
T 15	3 9	20 21	1 4	1 11	2 55	5 58	0 37	10 53	1 11	13 24	0 55	8 39	2 44	22 8	0 1	21 53	1 21	7 49	16 38	18 53	19 9	17 51	14 3	1 33
W16	2 46	20 53	2 5	1 51	2 37	6 29	0 35	10 39	1 11	13 28	0 55	8 38	2 44	22 8	0 1	21 53	1 21	7 48	16 38	18 53	19 9	17 52	14 2	1 34
T 17	2 22	20 28	3 1	2 30	2 19	6 59	0 33	10 25	1 11	13 31	0 55	8 37	2 45	22 8	0 1	21 53	1 21	7 47	16 38	18 53	19 8	17 53	14 1	1 34
F 18	1 59	19 4	3 49	3 7	1 59	7 29	0 30	10 11	1 11	13 35	0 55	8 35	2 45	22 9	0 1	21 53	1 21	7 46	16 38	18 52	19 7	17 54	14 1	1 34
S 19	1 36	16 42	4 28	3 43	1 39	7 59	0 28	9 57	1 11	13 39	0 55	8 34	2 45	22 9	0 1	21 53	1 21	7 45	16 37	18 52	19 6	17 55	14 0	1 34
S 20	1 12	13 26	4 55	4 15	1 19	8 29	0 25	9 43	1 11	13 43	0 55	8 32	2 45	22 9	0 1	21 52	1 21	7 44	16 37	18 50	19 6	17 56	13 59	1 34
M21	0 49	9 23	5 6	4 44	0 59	8 59	0 22	9 29	1 11	13 46	0 55	8 31	2 45	22 9	0 1	21 52	1 21	7 43	16 37	18 48	19 5	17 57	13 58	1 34
T 22	0 26	4 43	4 59	5 9	0 40	9 28	0 20	9 14	1 11	13 50	0 54	8 30	2 45	22 9	0 1	21 52	1 21	7 42	16 37	18 46	19 4	17 58	13 58	1 35
W23	0 2	0n21	4 34	5 29	0 21	9 57	0 17	9 0	1 11	13 54	0 54	8 28	2 45	22 10	0 1	21 52	1 21	7 41	16 36	18 44	19 3	17 59	13 57	1 35
T 24	0s21	5 29	3 51	5 45	0 3	10 26	0 14	8 46	1 11	13 58	0 54	8 27	2 46	22 10	0 1	21 52	1 21	7 40	16 36	18 42	19 3	18 0	13 56	1 35
F 25	0 45	10 22	2 51	5 56	0n14	10 55	0 12	8 31	1 11	14 1	0 54	8 25	2 46	22 10	0 1	21 52	1 22	7 39	16 36	18 40	19 2	18 1	13 55	1 35
S 26	1 8	14 38	1 40	6 2	0 30	11 24	0 9	8 17	1 11	14 5	0 54	8 23	2 46	22 10	0 1	21 52	1 22	7 38	16 36	18 39	19 1	18 2	13 54	1 35
S 27	1 32	17 56	0 22	6 2	0 44	11 52	0 6	8 2	1 11	14 9	0 54	8 22	2 46	22 11	0 1	21 52	1 22	7 37	16 36	18 39	19 0	18 3	13 54	1 35
M28	1 55	20 2	0s56	5 58	0 58	12 20	0 3	7 48	1 11	14 13	0 53	8 20	2 46	22 11	0 1	21 52	1 22	7 36	16 36	18 39	19 0	18 4	13 53	1 36
T 29	2 19	20 47	2 10	5 50	1 9	12 48	0 0	7 33	1 11	14 17	0 53	8 19	2 46	22 11	0 1	21 52	1 22	7 35	16 36	18 39	18 59	18 5	13 52	1 36
W30	2s42	20n13	3s14	5n37	1n20	13s15	0s 3	7n18	1n11	14s21	0n53	8n17	2s46	22s12	0s 1	21n52	1s22	7n34	16n35	18s40	18s58	18s 6	13n51	1s36

Julian Day Number = 2354268.5, Delta T = 11.83 sec
Ecliptic obliquity = 23°28'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'20, Lahiri = 20°08'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

OCTOBER 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 50	7♎46'37	15♋57	20♍ 0	6♏15	14♍52	11♏19	28°R12	11♐24	21°R57	19♎59	23°R27	24♏38	19♏42	11°R41	T 1
F 2	0 42 47	8°45'47	29°25	21°11	7°29	15°30	11°31	28♈ 8	11°26	21♊57	20° 1	23♏25	24°35	19°49	11♉38	F 2
S 3	0 46 44	9°45'00	12♌37	22°28	8°42	16° 8	11°43	28° 4	11°28	21°57	20° 4	23°21	24°32	19°55	11°36	S 3
S 4	0 50 40	10°44'14	25°35	23°50	9°56	16°46	11°56	27°59	11°30	21°56	20° 6	23°15	24°28	20° 2	11°33	S 4
M 5	0 54 37	11°43'31	8♍20	25°16	11° 9	17°24	12° 8	27°55	11°33	21°56	20° 9	23° 8	24°25	20° 9	11°31	M 5
T 6	0 58 33	12°42'50	20°52	26°46	12°23	18° 2	12°20	27°50	11°35	21°56	20°11	23° 0	24°22	20°15	11°28	T 6
W 7	1 2 30	13°42'11	3♎14	28°19	13°36	18°40	12°32	27°46	11°37	21°55	20°13	22°53	24°19	20°22	11°25	W 7
T 8	1 6 26	14°41'35	15°24	29°54	14°49	19°18	12°45	27°41	11°40	21°55	20°16	22°47	24°16	20°29	11°23	T 8
F 9	1 10 23	15°41'00	27°25	1♎31	16° 3	19°56	12°57	27°36	11°42	21°54	20°18	22°42	24°12	20°35	11°20	F 9
S 10	1 14 19	16°40'28	9♏19	3°10	17°16	20°34	13°10	27°32	11°44	21°54	20°21	22°39	24° 9	20°42	11°17	S 10
S 11	1 18 16	17°39'57	21° 7	4°51	18°29	21°11	13°22	27°27	11°47	21°53	20°23	22°D38	24° 6	20°49	11°15	S 11
M12	1 22 13	18°39'29	2♐53	6°32	19°43	21°49	13°35	27°22	11°49	21°53	20°25	22°39	24° 3	20°55	11°12	M12
T 13	1 26 9	19°39'02	14°40	8°14	20°56	22°27	13°47	27°17	11°52	21°52	20°28	22°40	24° 0	21° 2	11° 9	T 13
W14	1 30 6	20°38'37	26°33	9°57	22° 9	23° 5	14° 0	27°13	11°54	21°52	20°30	22°42	23°57	21° 8	11° 6	W14
T 15	1 34 2	21°38'14	8♑35	11°39	23°22	23°43	14°13	27° 8	11°57	21°51	20°33	22°44	23°53	21°15	11° 3	T 15
F 16	1 37 59	22°37'52	20°52	13°22	24°36	24°21	14°25	27° 3	12° 0	21°50	20°35	22°R45	23°50	21°22	11° 0	F 16
S 17	1 41 55	23°37'33	3♒29	15° 5	25°49	24°59	14°38	26°58	12° 2	21°50	20°37	22°44	23°47	21°28	10°57	S 17
S 18	1 45 52	24°37'15	16°30	16°48	27° 2	25°37	14°51	26°54	12° 5	21°49	20°40	22°42	23°44	21°35	10°55	S 18
M19	1 49 48	25°36'59	29°58	18°30	28°15	26°15	15° 4	26°49	12° 8	21°48	20°42	22°40	23°41	21°42	10°52	M19
T 20	1 53 45	26°36'44	13♓54	20°12	29°28	26°53	15°17	26°44	12°11	21°47	20°45	22°36	23°38	21°48	10°49	T 20
W21	1 57 42	27°36'31	28°17	21°54	0♐42	27°31	15°30	26°39	12°14	21°47	20°47	22°32	23°34	21°55	10°46	W21
T 22	2 1 38	28°36'20	13♈ 3	23°35	1°55	28° 9	15°43	26°34	12°16	21°46	20°49	22°29	23°31	22° 2	10°43	T 22
F 23	2 5 35	29°36'11	28° 5	25°16	3° 8	28°47	15°56	26°29	12°19	21°45	20°52	22°26	23°28	22° 8	10°40	F 23
S 24	2 9 31	0♏36'04	13♉14	26°57	4°21	29°25	16° 9	26°25	12°22	21°44	20°54	22°25	23°25	22°15	10°37	S 24
S 25	2 13 28	1°35'59	28°20	28°37	5°34	0♎ 3	16°22	26°20	12°25	21°43	20°57	22°D25	23°22	22°22	10°33	S 25
M26	2 17 24	2°35'57	13♊16	0♏17	6°47	0°41	16°35	26°15	12°28	21°42	20°59	22°26	23°18	22°28	10°30	M26
T 27	2 21 21	3°35'56	27°53	1°56	8° 0	1°19	16°48	26°10	12°31	21°41	21° 1	22°27	23°15	22°35	10°27	T 27
W28	2 25 17	4°35'57	12♋ 9	3°34	9°13	1°57	17° 1	26° 6	12°34	21°40	21° 4	22°28	23°12	22°41	10°24	W28
T 29	2 29 14	5°36'01	26° 1	5°13	10°26	2°35	17°14	26° 1	12°37	21°39	21° 6	22°29	23° 9	22°48	10°21	T 29
F 30	2 33 11	6°36'07	9♌29	6°50	11°39	3°13	17°27	25°56	12°41	21°38	21° 8	22°R29	23° 6	22°55	10°18	F 30
S 31	2 37 7	7♏36'15	22♌36	8♏28	12♐51	3♎51	17♏40	25♈52	12♐44	21♊37	21♎11	22♏29	23♏ 3	23♏ 1	10♉15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	3s 5	18n27	4s 6	5n20	1n29	13s43	0s 5	7n 4	1n11	14s24	0n53	8n15	2s46	22s12	0s 1	21n52	1s22	7n33	16n35	18s40	18s57	18s 7	13n50	1s36
F 2	3 29	15 41	4 43	4 59	1 36	14 9	0 8	6 49	1 11	14 28	0 53	8 14	2 47	22 12	0 1	21 52	1 22	7 32	16 35	18 39	18 56	18 8	13 49	1 36
S 3	3 52	12 11	5 4	4 34	1 43	14 36	0 11	6 34	1 11	14 32	0 53	8 12	2 47	22 12	0 1	21 52	1 22	7 31	16 35	18 38	18 56	18 9	13 48	1 36
S 4	4 15	8 9	5 9	4 6	1 48	15 2	0 14	6 19	1 11	14 36	0 53	8 11	2 47	22 13	0 1	21 52	1 22	7 30	16 35	18 37	18 55	18 10	13 47	1 36
M 5	4 39	3 50	4 59	3 36	1 52	15 28	0 17	6 4	1 11	14 40	0 53	8 9	2 47	22 13	0 1	21 52	1 22	7 29	16 35	18 35	18 54	18 10	13 46	1 37
T 6	5 2	0s35	4 34	3 3	1 55	15 53	0 20	5 49	1 11	14 44	0 52	8 7	2 47	22 13	0 1	21 52	1 22	7 28	16 35	18 33	18 53	18 11	13 46	1 37
W 7	5 25	4 54	3 57	2 28	1 57	16 18	0 23	5 34	1 11	14 47	0 52	8 5	2 47	22 14	0 1	21 52	1 22	7 27	16 35	18 31	18 53	18 12	13 45	1 37
T 8	5 48	8 59	3 9	1 51	1 58	16 43	0 26	5 19	1 11	14 51	0 52	8 4	2 47	22 14	0 1	21 52	1 22	7 26	16 35	18 30	18 52	18 13	13 44	1 37
F 9	6 11	12 39	2 13	1 12	1 58	17 7	0 29	5 5	1 10	14 55	0 52	8 2	2 47	22 14	0 1	21 52	1 22	7 26	16 35	18 28	18 51	18 14	13 43	1 37
S 10	6 34	15 46	1 12	0 32	1 57	17 31	0 32	4 50	1 10	14 59	0 52	8 0	2 47	22 15	0 1	21 52	1 22	7 25	16 35	18 28	18 50	18 15	13 42	1 37
S 11	6 57	18 12	0 8	0s 9	1 56	17 55	0 35	4 34	1 10	15 3	0 52	7 59	2 47	22 15	0 1	21 51	1 22	7 24	16 35	18 27	18 49	18 16	13 41	1 37
M12	7 19	19 51	0n56	0 51	1 54	18 18	0 38	4 19	1 10	15 7	0 52	7 57	2 47	22 15	0 1	21 51	1 22	7 23	16 35	18 28	18 49	18 17	13 40	1 38
T 13	7 42	20 38	1 58	1 34	1 51	18 40	0 41	4 4	1 10	15 11	0 52	7 55	2 47	22 16	0 1	21 51	1 22	7 22	16 35	18 28	18 48	18 18	13 39	1 38
W14	8 4	20 30	2 55	2 17	1 48	19 2	0 44	3 49	1 10	15 15	0 52	7 53	2 47	22 16	0 1	21 51	1 22	7 21	16 35	18 28	18 47	18 19	13 38	1 38
T 15	8 27	19 26	3 46	3 1	1 45	19 24	0 47	3 34	1 10	15 18	0 51	7 52	2 47	22 16	0 1	21 51	1 22	7 20	16 35	18 29	18 46	18 20	13 37	1 38
F 16	8 49	17 27	4 27	3 44	1 41	19 45	0 50	3 19	1 10	15 22	0 51	7 50	2 47	22 17	0 1	21 51	1 22	7 19	16 35	18 29	18 45	18 21	13 36	1 38
S 17	9 11	14 35	4 57	4 28	1 36	20 5	0 52	3 4	1 10	15 26	0 51	7 48	2 47	22 17	0 1	21 51	1 22	7 19	16 35	18 29	18 45	18 21	13 35	1 38
S 18	9 33	10 56	5 13	5 12	1 31	20 25	0 55	2 49	1 10	15 30	0 51	7 47	2 47	22 18	0 1	21 51	1 22	7 18	16 35	18 28	18 44	18 22	13 34	1 38
M19	9 55	6 38	5 12	5 56	1 26	20 45	0 58	2 34	1 10	15 34	0 51	7 45	2 47	22 18	0 1	21 51	1 22	7 17	16 35	18 28	18 43	18 23	13 33	1 39
T 20	10 17	1 50	4 53	6 40	1 21	21 4	1 1	2 18	1 10	15 38	0 51	7 43	2 47	22 18	0 1	21 51	1 22	7 16	16 35	18 27	18 42	18 24	13 32	1 39
W21	10 38	3n14	4 16	7 23	1 15	21 22	1 4	2 3	1 10	15 42	0 51	7 41	2 47	22 19	0 1	21 51	1 22	7 15	16 35	18 26	18 42	18 25	13 31	1 39
T 22	11 0	8 14	3 20	8 6	1 9	21 40	1 7	1 48	1 10	15 45	0 51	7 40	2 47	22 19	0 1	21 51	1 22	7 14	16 35	18 25	18 41	18 26	13 29	1 39
F 23	11 21	12 50	2 10	8 49	1 3	21 57	1 10	1 33	1 10	15 49	0 51	7 38	2 47	22 19	0 1	21 51	1 23	7 14	16 35	18 24	18 40	18 27	13 28	1 39
S 24	11 42	16 38	0 51	9 31	0 57	22 14	1 12	1 18	1 9	15 53	0 51	7 36	2 47	22 20	0 1	21 50	1 23	7 13	16 35	18 24	18 39	18 27	13 27	1 39
S 25	12 3	19 17	0s33	10 12	0 51	22 30	1 15	1 2	1 9	15 57	0 50	7 35	2 47	22 20	0 1	21 50	1 23	7 12	16 35	18 24	18 38	18 28	13 26	1 39
M26	12 23	20 33	1 53	10 54	0 44	22 45	1 18	0 47	1 9	16 1	0 50	7 33	2 47	22 21	0 1	21 50	1 23	7 11	16 35	18 24	18 38	18 29	13 25	1 39
T 27	12 44	20 23	3 4	11 34	0 38	23 0	1 20	0 32	1 9	16 5	0 50	7 31	2 47	22 21	0 1	21 50	1 23	7 11	16 35	18 25	18 37	18 30	13 24	1 39
W28	13 4	18 54	4 2	12 14	0 31	23 14	1 23	0 17	1 9	16 8	0 50	7 30	2 47	22 21	0 1	21 50	1 23	7 10	16 35	18 25	18 36	18 31	13 23	1 40
T 29	13 24	16 20	4 44	12 54	0 24	23 27	1 26	0 2	1 9	16 12	0 50	7 28	2 47	22 22	0 1	21 50	1 23	7 9	16 36	18 25	18 35	18 32	13 22	1 40
F 30	13 44	12 56	5 9	13 32	0 18	23 40	1 28	0s14	1 9	16 16	0 50	7 26	2 47	22 22	0 1	21 50	1 23	7 8	16 36	18 25	18 34	18 33	13 21	1 40
S 31	14s 4	9n 0	5s17	14s10	0n11	23s52	1s31	0s29	1n 9	16s20	0n50	7n25	2s47	22s23	0s 1	21n50	1s23	7n 8	16n36	18s25	18s34	18s33	13n20	1s40

Julian Day Number = 2354298.5, Delta T = 11.85 sec
Ecliptic obliquity = 23°28'21, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'24, Lahiri = 20°08'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

NOVEMBER 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 4	8♏36'25	5♍24	10♏ 5	14♐ 4	4♎29	17♏53	25°R47	12♐47	21°R36	21♎13	22°R28	22♏59	23♏ 8	10°R12	S 1
M 2	2 45 0	9°36'37	17°55	11°41	15°17	5° 7	18° 7	25♈42	12°50	21♊34	21°15	22♏26	22°56	23°15	10♉ 9	M 2
T 3	2 48 57	10°36'51	0♎13	13°17	16°30	5°44	18°20	25°38	12°53	21°33	21°18	22°24	22°53	23°21	10° 6	T 3
W 4	2 52 53	11°37'07	12°20	14°53	17°43	6°22	18°33	25°33	12°56	21°32	21°20	22°23	22°50	23°28	10° 2	W 4
T 5	2 56 50	12°37'24	24°19	16°28	18°55	7° 0	18°46	25°29	13° 0	21°31	21°22	22°21	22°47	23°35	9°59	T 5
F 6	3 0 46	13°37'44	6♏12	18° 3	20° 8	7°38	19° 0	25°24	13° 3	21°30	21°24	22°20	22°43	23°41	9°56	F 6
S 7	3 4 43	14°38'06	18° 0	19°38	21°21	8°16	19°13	25°20	13° 6	21°28	21°27	22°D20	22°40	23°48	9°53	S 7
S 8	3 8 39	15°38'29	29°47	21°12	22°33	8°54	19°26	25°15	13°10	21°27	21°29	22°20	22°37	23°55	9°50	S 8
M 9	3 12 36	16°38'54	11♐35	22°46	23°46	9°32	19°40	25°11	13°13	21°26	21°31	22°20	22°34	24° 1	9°47	M 9
T 10	3 16 33	17°39'20	23°25	24°20	24°59	10°10	19°53	25° 7	13°16	21°24	21°33	22°21	22°31	24° 8	9°44	T 10
W11	3 20 29	18°39'48	5♑21	25°53	26°11	10°48	20° 6	25° 3	13°20	21°23	21°36	22°21	22°28	24°15	9°41	W11
T 12	3 24 26	19°40'18	17°26	27°26	27°24	11°26	20°19	24°58	13°23	21°22	21°38	22°22	22°24	24°21	9°38	T 12
F 13	3 28 22	20°40'49	29°44	28°59	28°36	12° 4	20°33	24°54	13°27	21°20	21°40	22°22	22°21	24°28	9°35	F 13
S 14	3 32 19	21°41'21	12♒18	0♐32	29°49	12°42	20°46	24°50	13°30	21°19	21°42	22°22	22°18	24°34	9°32	S 14
S 15	3 36 15	22°41'54	25°13	2° 4	1♑ 1	13°20	20°59	24°46	13°34	21°17	21°44	22°22	22°15	24°41	9°29	S 15
M16	3 40 12	23°42'29	8♓31	3°36	2°13	13°57	21°13	24°42	13°37	21°16	21°46	22°22	22°12	24°48	9°26	M16
T 17	3 44 9	24°43'04	22°16	5° 8	3°26	14°35	21°26	24°39	13°41	21°14	21°49	22°22	22° 9	24°54	9°23	T 17
W18	3 48 5	25°43'41	6♈27	6°40	4°38	15°13	21°39	24°35	13°44	21°13	21°51	22°22	22° 5	25° 1	9°20	W18
T 19	3 52 2	26°44'19	21° 3	8°12	5°50	15°51	21°53	24°31	13°48	21°11	21°53	22°23	22° 2	25° 8	9°17	T 19
F 20	3 55 58	27°44'58	6♉ 0	9°43	7° 2	16°29	22° 6	24°28	13°51	21°10	21°55	22°23	21°59	25°14	9°14	F 20
S 21	3 59 55	28°45'39	21°11	11°14	8°14	17° 7	22°19	24°24	13°55	21° 8	21°57	22°R23	21°56	25°21	9°11	S 21
S 22	4 3 51	29°46'21	6♊25	12°45	9°26	17°45	22°32	24°21	13°58	21° 7	21°59	22°23	21°53	25°28	9° 8	S 22
M23	4 7 48	0♐47'05	21°35	14°15	10°38	18°23	22°46	24°17	14° 2	21° 5	22° 1	22°23	21°49	25°34	9° 5	M23
T 24	4 11 44	1°47'49	6♋29	15°46	11°50	19° 1	22°59	24°14	14° 5	21° 4	22° 3	22°22	21°46	25°41	9° 2	T 24
W25	4 15 41	2°48'36	21° 1	17°16	13° 2	19°38	23°12	24°11	14° 9	21° 2	22° 5	22°20	21°43	25°48	8°59	W25
T 26	4 19 38	3°49'24	5♌ 7	18°45	14°14	20°16	23°25	24° 7	14°13	21° 1	22° 7	22°19	21°40	25°54	8°57	T 26
F 27	4 23 34	4°50'13	18°46	20°14	15°25	20°54	23°39	24° 4	14°16	20°59	22° 9	22°18	21°37	26° 1	8°54	F 27
S 28	4 27 31	5°51'03	1♍57	21°43	16°37	21°32	23°52	24° 1	14°20	20°57	22°11	22°D18	21°34	26° 7	8°51	S 28
S 29	4 31 27	6°51'55	14°44	23°11	17°49	22°10	24° 5	23°59	14°24	20°56	22°12	22°18	21°30	26°14	8°49	S 29
M30	4 35 24	7♐52'49	27♍11	24♐39	19♑ 0	22♎48	24♏18	23♈56	14♐27	20♊54	22♎14	22♏18	21♏27	26♏21	8♉46	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s23	4n45	5s 9	14s47	0n 4	24s 4	1s33	0s44	1n 9	16s23	0n50	7n23	2s47	22s23	0s 1	21n50	1s23	7n 7	16n36	18s25	18s33	18s34	13n19	1s40
M 2	14 43	0 23	4 46	15 24	0s 2	24 15	1 36	0 59	1 9	16 27	0 50	7 22	2 47	22 24	0 1	21 50	1 23	7 6	16 36	18 24	18 32	18 35	13 18	1 40
T 3	15 2	3s55	4 11	16 0	0 9	24 25	1 38	1 14	1 8	16 31	0 50	7 20	2 47	22 24	0 1	21 50	1 23	7 6	16 36	18 24	18 31	18 36	13 17	1 40
W 4	15 20	8 1	3 24	16 34	0 16	24 34	1 40	1 29	1 8	16 35	0 50	7 19	2 46	22 24	0 1	21 49	1 23	7 5	16 37	18 23	18 30	18 37	13 16	1 40
T 5	15 39	11 45	2 30	17 9	0 22	24 43	1 43	1 44	1 8	16 38	0 50	7 17	2 46	22 25	0 1	21 49	1 23	7 4	16 37	18 23	18 30	18 37	13 15	1 40
F 6	15 57	15 0	1 29	17 42	0 29	24 51	1 45	2 0	1 8	16 42	0 49	7 15	2 46	22 25	0 1	21 49	1 23	7 4	16 37	18 23	18 29	18 38	13 14	1 40
S 7	16 15	17 36	0 24	18 14	0 36	24 58	1 47	2 15	1 8	16 46	0 49	7 14	2 46	22 26	0 1	21 49	1 23	7 3	16 37	18 23	18 28	18 39	13 12	1 41
S 8	16 33	19 28	0n41	18 45	0 42	25 5	1 49	2 30	1 8	16 49	0 49	7 13	2 46	22 26	0 1	21 49	1 23	7 3	16 37	18 23	18 27	18 40	13 11	1 41
M 9	16 50	20 28	1 45	19 16	0 48	25 11	1 51	2 45	1 8	16 53	0 49	7 11	2 46	22 26	0 1	21 49	1 23	7 2	16 38	18 23	18 26	18 41	13 10	1 41
T 10	17 7	20 34	2 45	19 46	0 55	25 16	1 53	3 0	1 8	16 57	0 49	7 10	2 46	22 27	0 1	21 49	1 23	7 1	16 38	18 23	18 25	18 41	13 9	1 41
W11	17 24	19 45	3 37	20 14	1 1	25 20	1 55	3 15	1 7	17 0	0 49	7 8	2 46	22 27	0 1	21 49	1 23	7 1	16 38	18 23	18 25	18 42	13 8	1 41
T 12	17 41	18 1	4 21	20 42	1 7	25 24	1 57	3 30	1 7	17 4	0 49	7 7	2 45	22 28	0 2	21 49	1 23	7 0	16 38	18 23	18 24	18 43	13 7	1 41
F 13	17 57	15 27	4 54	21 8	1 13	25 27	1 59	3 45	1 7	17 7	0 49	7 6	2 45	22 28	0 2	21 48	1 23	7 0	16 39	18 23	18 23	18 44	13 6	1 41
S 14	18 13	12 7	5 13	21 34	1 18	25 29	2 0	4 0	1 7	17 11	0 49	7 4	2 45	22 29	0 2	21 48	1 23	6 59	16 39	18 23	18 22	18 44	13 5	1 41
S 15	18 28	8 8	5 18	21 58	1 24	25 30	2 2	4 15	1 7	17 15	0 49	7 3	2 45	22 29	0 2	21 48	1 23	6 59	16 39	18 23	18 21	18 45	13 4	1 41
M16	18 44	3 40	5 6	22 22	1 29	25 31	2 4	4 29	1 7	17 18	0 49	7 2	2 45	22 29	0 2	21 48	1 23	6 58	16 39	18 23	18 21	18 46	13 3	1 41
T 17	18 58	1n 9	4 36	22 44	1 35	25 31	2 5	4 44	1 6	17 22	0 49	7 0	2 45	22 30	0 2	21 48	1 23	6 58	16 40	18 23	18 20	18 47	13 2	1 41
W18	19 13	6 4	3 49	23 5	1 40	25 30	2 7	4 59	1 6	17 25	0 49	6 59	2 44	22 30	0 2	21 48	1 23	6 57	16 40	18 23	18 19	18 47	13 1	1 41
T 19	19 27	10 47	2 46	23 25	1 45	25 28	2 8	5 14	1 6	17 29	0 49	6 58	2 44	22 31	0 2	21 48	1 23	6 57	16 40	18 23	18 18	18 48	13 0	1 41
F 20	19 41	14 57	1 30	23 44	1 49	25 26	2 9	5 29	1 6	17 32	0 49	6 57	2 44	22 31	0 2	21 48	1 23	6 56	16 41	18 24	18 17	18 49	12 59	1 41
S 21	19 55	18 11	0 7	24 2	1 54	25 23	2 10	5 43	1 6	17 36	0 49	6 56	2 44	22 32	0 2	21 48	1 23	6 56	16 41	18 24	18 16	18 50	12 58	1 42
S 22	20 8	20 8	1s17	24 18	1 58	25 19	2 11	5 58	1 6	17 39	0 49	6 55	2 44	22 32	0 2	21 47	1 23	6 56	16 41	18 24	18 16	18 50	12 57	1 42
M23	20 21	20 37	2 35	24 33	2 2	25 15	2 12	6 12	1 5	17 42	0 48	6 54	2 43	22 33	0 2	21 47	1 23	6 55	16 42	18 23	18 15	18 51	12 56	1 42
T 24	20 33	19 38	3 41	24 47	2 5	25 10	2 13	6 27	1 5	17 46	0 48	6 53	2 43	22 33	0 2	21 47	1 23	6 55	16 42	18 23	18 14	18 52	12 55	1 42
W25	20 45	17 21	4 32	25 0	2 9	25 4	2 14	6 42	1 5	17 49	0 48	6 52	2 43	22 33	0 2	21 47	1 23	6 54	16 42	18 23	18 13	18 53	12 54	1 42
T 26	20 57	14 6	5 3	25 11	2 12	24 57	2 15	6 56	1 5	17 52	0 48	6 51	2 43	22 34	0 2	21 47	1 23	6 54	16 43	18 22	18 12	18 53	12 53	1 42
F 27	21 8	10 12	5 17	25 21	2 14	24 49	2 16	7 10	1 5	17 56	0 48	6 50	2 43	22 34	0 2	21 47	1 23	6 54	16 43	18 22	18 12	18 54	12 53	1 42
S 28	21 19	5 55	5 13	25 29	2 16	24 41	2 16	7 25	1 4	17 59	0 48	6 49	2 42	22 35	0 2	21 47	1 23	6 53	16 43	18 22	18 11	18 55	12 52	1 42
S 29	21 29	1 30	4 54	25 36	2 18	24 32	2 17	7 39	1 4	18 2	0 48	6 48	2 42	22 35	0 2	21 47	1 23	6 53	16 44	18 22	18 10	18 55	12 51	1 42
M30	21s39	2s52	4s21	25s42	2s20	24s23	2s17	7s53	1n 4	18s 6	0n48	6n47	2s42	22s36	0s 2	21n47	1s23	6n53	16n44	18s22	18s 9	18s56	12n50	1s42

Julian Day Number = 2354329.5, Delta T = 11.87 sec
Ecliptic obliquity = 23°28'21, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'28, Lahiri = 20°08'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1733
geocentric

DECEMBER 1733 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 20	8♐53'44	9♎21	26♐ 6	20♑11	23♎26	24♏31	23°R53	14♐31	20°R52	22♎16	22♏20	21♏24	26♏27	8°R43	T 1
W 2	4 43 17	9°54'40	21°20	27°32	21°23	24° 3	24°44	23♈51	14°34	20♊51	22°18	22°21	21°21	26°34	8♉41	W 2
T 3	4 47 13	10°55'37	3♏12	28°58	22°34	24°41	24°58	23°48	14°38	20°49	22°20	22°23	21°18	26°41	8°38	T 3
F 4	4 51 10	11°56'35	14°59	0♑22	23°45	25°19	25°11	23°46	14°42	20°47	22°21	22°24	21°15	26°47	8°36	F 4
S 5	4 55 7	12°57'35	26°46	1°45	24°56	25°57	25°24	23°43	14°45	20°46	22°23	22°R24	21°11	26°54	8°33	S 5
S 6	4 59 3	13°58'36	8♐34	3° 6	26° 8	26°35	25°37	23°41	14°49	20°44	22°25	22°23	21° 8	27° 1	8°31	S 6
M 7	5 3 0	14°59'37	20°26	4°26	27°19	27°13	25°50	23°39	14°53	20°42	22°26	22°21	21° 5	27° 7	8°29	M 7
T 8	5 6 56	16° 0'40	2♑25	5°43	28°29	27°50	26° 3	23°37	14°56	20°41	22°28	22°17	21° 2	27°14	8°26	T 8
W 9	5 10 53	17° 1'43	14°30	6°59	29°40	28°28	26°16	23°35	15° 0	20°39	22°30	22°13	20°59	27°21	8°24	W 9
T 10	5 14 49	18° 2'46	26°45	8°11	0♒51	29° 6	26°28	23°33	15° 4	20°37	22°31	22° 9	20°55	27°27	8°22	T 10
F 11	5 18 46	19° 3'51	9♒12	9°20	2° 1	29°44	26°41	23°32	15° 7	20°36	22°33	22° 4	20°52	27°34	8°20	F 11
S 12	5 22 42	20° 4'56	21°51	10°26	3°12	0♏22	26°54	23°30	15°11	20°34	22°34	22° 1	20°49	27°41	8°17	S 12
S 13	5 26 39	21° 6'01	4♓46	11°27	4°22	0°59	27° 7	23°29	15°15	20°32	22°36	21°58	20°46	27°47	8°15	S 13
M14	5 30 36	22° 7'06	17°59	12°23	5°33	1°37	27°20	23°27	15°18	20°30	22°37	21°D57	20°43	27°54	8°13	M14
T 15	5 34 32	23° 8'12	1♈33	13°14	6°43	2°15	27°32	23°26	15°22	20°29	22°39	21°57	20°40	28° 0	8°11	T 15
W16	5 38 29	24° 9'18	15°28	13°58	7°53	2°52	27°45	23°25	15°26	20°27	22°40	21°58	20°36	28° 7	8° 9	W16
T 17	5 42 25	25°10'24	29°45	14°34	9° 3	3°30	27°58	23°24	15°29	20°25	22°42	22° 0	20°33	28°14	8° 7	T 17
F 18	5 46 22	26°11'31	14♉23	15° 3	10°12	4° 8	28°10	23°23	15°33	20°24	22°43	22° 1	20°30	28°20	8° 6	F 18
S 19	5 50 18	27°12'38	29°17	15°22	11°22	4°46	28°23	23°22	15°37	20°22	22°44	22°R 1	20°27	28°27	8° 4	S 19
S 20	5 54 15	28°13'45	14♊21	15°R31	12°32	5°23	28°35	23°21	15°40	20°20	22°46	21°59	20°24	28°34	8° 2	S 20
M21	5 58 11	29°14'52	29°26	15°30	13°41	6° 1	28°48	23°21	15°44	20°19	22°47	21°56	20°21	28°40	8° 1	M21
T 22	6 2 8	0♑16'00	14♋22	15°17	14°50	6°39	29° 0	23°20	15°47	20°17	22°48	21°50	20°17	28°47	7°59	T 22
W23	6 6 5	1°17'08	29° 2	14°52	15°59	7°16	29°12	23°20	15°51	20°15	22°49	21°44	20°14	28°54	7°57	W23
T 24	6 10 1	2°18'17	13♌18	14°16	17° 8	7°54	29°24	23°19	15°54	20°14	22°50	21°38	20°11	29° 0	7°56	T 24
F 25	6 13 58	3°19'26	27° 6	13°28	18°17	8°32	29°37	23°19	15°58	20°12	22°52	21°32	20° 8	29° 7	7°54	F 25
S 26	6 17 54	4°20'35	10♍26	12°30	19°25	9° 9	29°49	23°D19	16° 1	20°10	22°53	21°27	20° 5	29°14	7°53	S 26
S 27	6 21 51	5°21'45	23°19	11°22	20°34	9°47	0♐ 1	23°19	16° 5	20° 9	22°54	21°24	20° 1	29°20	7°52	S 27
M28	6 25 47	6°22'55	5♎48	10° 8	21°42	10°25	0°13	23°19	16° 9	20° 7	22°55	21°D24	19°58	29°27	7°50	M28
T 29	6 29 44	7°24'05	17°59	8°49	22°50	11° 2	0°25	23°20	16°12	20° 5	22°56	21°24	19°55	29°34	7°49	T 29
W30	6 33 40	8°25'16	29°56	7°27	23°58	11°40	0°37	23°20	16°15	20° 4	22°57	21°25	19°52	29°40	7°48	W30
T 31	6 37 37	9♑26'27	11♏45	6♑ 7	25♒ 5	12♏17	0♐49	23♈21	16♐19	20♊ 2	22♎58	21♏27	19♏49	29♏47	7♉47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s49	7s 2	3s37	25s46	2s21	24s13	2s17	8s 8	1n 4	18s 9	0n48	6n47	2s42	22s36	0s 2	21n46	1s23	6n53	16n45	18s23	18s 8	18s57	12n49	1s42
W 2	21 58	10 52	2 44	25 48	2 21	24 2	2 17	8 22	1 3	18 12	0 48	6 46	2 41	22 36	0 2	21 46	1 23	6 52	16 45	18 23	18 7	18 57	12 48	1 42
T 3	22 7	14 14	1 44	25 50	2 22	23 50	2 17	8 36	1 3	18 15	0 48	6 45	2 41	22 37	0 2	21 46	1 23	6 52	16 45	18 23	18 7	18 58	12 47	1 42
F 4	22 15	17 0	0 41	25 49	2 21	23 38	2 17	8 50	1 3	18 18	0 48	6 44	2 41	22 37	0 2	21 46	1 23	6 52	16 46	18 24	18 6	18 59	12 46	1 42
S 5	22 23	19 4	0n24	25 48	2 20	23 25	2 17	9 4	1 3	18 22	0 48	6 44	2 41	22 38	0 2	21 46	1 23	6 52	16 46	18 24	18 5	19 0	12 46	1 42
S 6	22 31	20 19	1 28	25 44	2 18	23 12	2 17	9 18	1 2	18 25	0 48	6 43	2 40	22 38	0 2	21 46	1 23	6 51	16 47	18 23	18 4	19 0	12 45	1 42
M 7	22 38	20 39	2 29	25 40	2 16	22 57	2 17	9 32	1 2	18 28	0 48	6 43	2 40	22 39	0 2	21 46	1 23	6 51	16 47	18 23	18 3	19 1	12 44	1 42
T 8	22 44	20 4	3 23	25 34	2 13	22 43	2 16	9 45	1 2	18 31	0 48	6 42	2 40	22 39	0 2	21 46	1 23	6 51	16 48	18 22	18 2	19 2	12 43	1 42
W 9	22 50	18 33	4 9	25 26	2 9	22 27	2 15	9 59	1 2	18 34	0 48	6 42	2 40	22 39	0 2	21 46	1 23	6 51	16 48	18 21	18 2	19 2	12 43	1 42
T 10	22 56	16 11	4 44	25 17	2 4	22 11	2 15	10 13	1 1	18 37	0 48	6 41	2 39	22 40	0 2	21 45	1 23	6 51	16 48	18 20	18 1	19 3	12 42	1 42
F 11	23 1	13 4	5 6	25 7	1 59	21 55	2 14	10 26	1 1	18 40	0 48	6 41	2 39	22 40	0 2	21 45	1 23	6 51	16 49	18 19	18 0	19 3	12 41	1 42
S 12	23 6	9 17	5 14	24 56	1 52	21 37	2 13	10 40	1 1	18 43	0 48	6 41	2 39	22 41	0 2	21 45	1 23	6 50	16 49	18 18	17 59	19 4	12 40	1 42
S 13	23 10	5 1	5 6	24 43	1 45	21 20	2 12	10 53	1 1	18 46	0 48	6 40	2 39	22 41	0 2	21 45	1 23	6 50	16 50	18 17	17 58	19 5	12 40	1 42
M14	23 14	0 25	4 42	24 29	1 36	21 1	2 11	11 7	1 0	18 49	0 48	6 40	2 38	22 41	0 2	21 45	1 23	6 50	16 50	18 17	17 57	19 5	12 39	1 42
T 15	23 18	4n19	4 2	24 15	1 26	20 43	2 10	11 20	1 0	18 52	0 48	6 40	2 38	22 42	0 2	21 45	1 23	6 50	16 51	18 17	17 56	19 6	12 38	1 42
W16	23 21	8 58	3 7	23 59	1 15	20 23	2 8	11 33	1 0	18 54	0 48	6 40	2 38	22 42	0 2	21 45	1 23	6 50	16 51	18 17	17 56	19 7	12 38	1 42
T 17	23 23	13 15	1 59	23 43	1 3	20 3	2 7	11 46	0 59	18 57	0 48	6 40	2 37	22 43	0 2	21 45	1 23	6 50	16 52	18 17	17 55	19 7	12 37	1 42
F 18	23 25	16 50	0 42	23 27	0 50	19 43	2 5	11 59	0 59	19 0	0 48	6 40	2 37	22 43	0 2	21 45	1 23	6 50	16 52	18 18	17 54	19 8	12 37	1 42
S 19	23 27	19 23	0s40	23 10	0 35	19 22	2 3	12 12	0 59	19 3	0 48	6 40	2 37	22 43	0 2	21 44	1 23	6 50	16 53	18 18	17 53	19 8	12 36	1 42
S 20	23 28	20 35	1 59	22 53	0 19	19 1	2 1	12 25	0 58	19 6	0 48	6 40	2 37	22 44	0 2	21 44	1 23	6 50	16 53	18 17	17 52	19 9	12 35	1 42
M21	23 28	20 18	3 10	22 37	0 2	18 39	1 59	12 38	0 58	19 8	0 48	6 40	2 36	22 44	0 2	21 44	1 23	6 50	16 54	18 16	17 51	19 10	12 35	1 42
T 22	23 28	18 36	4 7	22 20	0n16	18 17	1 57	12 51	0 58	19 11	0 48	6 40	2 36	22 45	0 2	21 44	1 23	6 50	16 54	18 15	17 51	19 10	12 34	1 42
W23	23 28	15 42	4 47	22 4	0 35	17 54	1 55	13 3	0 57	19 14	0 48	6 40	2 36	22 45	0 2	21 44	1 23	6 50	16 55	18 13	17 50	19 11	12 34	1 42
T 24	23 27	11 56	5 7	21 49	0 54	17 31	1 53	13 16	0 57	19 16	0 48	6 40	2 35	22 45	0 2	21 44	1 23	6 50	16 55	18 12	17 49	19 12	12 33	1 42
F 25	23 26	7 39	5 9	21 34	1 14	17 7	1 50	13 28	0 57	19 19	0 48	6 40	2 35	22 46	0 2	21 44	1 23	6 50	16 56	18 10	17 48	19 12	12 33	1 42
S 26	23 24	3 8	4 54	21 20	1 33	16 43	1 48	13 40	0 56	19 22	0 48	6 40	2 35	22 46	0 2	21 44	1 23	6 51	16 56	18 9	17 47	19 13	12 32	1 42
S 27	23 22	1s23	4 24	21 7	1 52	16 19	1 45	13 53	0 56	19 24	0 48	6 41	2 35	22 47	0 2	21 44	1 23	6 51	16 57	18 8	17 46	19 13	12 32	1 42
M28	23 19	5 42	3 42	20 55	2 10	15 54	1 42	14 5	0 56	19 27	0 48	6 41	2 34	22 47	0 2	21 43	1 23	6 51	16 58	18 8	17 45	19 14	12 32	1 42
T 29	23 16	9 42	2 51	20 44	2 27	15 29	1 39	14 17	0 55	19 29	0 48	6 41	2 34	22 47	0 2	21 43	1 23	6 51	16 58	18 8	17 45	19 14	12 31	1 42
W30	23 12	13 14	1 54	20 35	2 41	15 4	1 36	14 29	0 55	19 32	0 48	6 42	2 34	22 48	0 2	21 43	1 23	6 51	16 59	18 9	17 44	19 15	12 31	1 42
T 31	23s 8	16s13	0s52	20s27	2n53	14s38	1s33	14s41	0n55	19s34	0n48	6n42	2s33	22s48	0s 2	21n43	1s23	6n51	16n59	18s 9	17s43	19s16	12n31	1s42

Julian Day Number = 2354359.5, Delta T = 11.88 sec
Ecliptic obliquity = 23°28'20, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'32, Lahiri = 20°08'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

JANUARY 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 34	10♑27'38	23♏31	4°R49	26♒13	12♏55	1♐ 0	23♈21	16♐22	20°R 1	22♎59	21°R27	19♏46	29♏53	7°R46	F 1
S 2	6 45 30	11°28'50	5♐18	3♑37	27°20	13°32	1°12	23°22	16°26	19♊59	22°59	21♏26	19°42	0♐ 0	7♉45	S 2
S 3	6 49 27	12°30'01	17°10	2°32	28°27	14°10	1°24	23°23	16°29	19°58	23° 0	21°23	19°39	0° 7	7°44	S 3
M 4	6 53 23	13°31'12	29° 9	1°35	29°34	14°47	1°35	23°24	16°33	19°56	23° 1	21°17	19°36	0°13	7°43	M 4
T 5	6 57 20	14°32'24	11♑18	0°48	0♓41	15°25	1°47	23°25	16°36	19°54	23° 2	21° 8	19°33	0°20	7°42	T 5
W 6	7 1 16	15°33'35	23°39	0°11	1°47	16° 2	1°58	23°26	16°39	19°53	23° 3	20°58	19°30	0°27	7°42	W 6
T 7	7 5 13	16°34'45	6♒10	29♐44	2°53	16°40	2° 9	23°27	16°43	19°51	23° 3	20°47	19°27	0°33	7°41	T 7
F 8	7 9 9	17°35'55	18°54	29°26	3°59	17°17	2°21	23°29	16°46	19°50	23° 4	20°37	19°23	0°40	7°40	F 8
S 9	7 13 6	18°37'05	1♓49	29°D18	5° 5	17°55	2°32	23°30	16°49	19°49	23° 4	20°27	19°20	0°47	7°40	S 9
S 10	7 17 3	19°38'14	14°56	29°19	6°10	18°32	2°43	23°32	16°52	19°47	23° 5	20°20	19°17	0°53	7°39	S 10
M11	7 20 59	20°39'23	28°15	29°28	7°15	19°10	2°54	23°33	16°56	19°46	23° 6	20°15	19°14	1° 0	7°39	M11
T 12	7 24 56	21°40'30	11♈48	29°44	8°20	19°47	3° 5	23°35	16°59	19°44	23° 6	20°12	19°11	1° 7	7°39	T 12
W13	7 28 52	22°41'37	25°35	0♑ 7	9°25	20°24	3°16	23°37	17° 2	19°43	23° 7	20°D12	19° 7	1°13	7°38	W13
T 14	7 32 49	23°42'43	9♉37	0°37	10°29	21° 2	3°26	23°39	17° 5	19°42	23° 7	20°12	19° 4	1°20	7°38	T 14
F 15	7 36 45	24°43'48	23°53	1°12	11°33	21°39	3°37	23°41	17° 8	19°40	23° 7	20°R13	19° 1	1°27	7°38	F 15
S 16	7 40 42	25°44'53	8♊23	1°53	12°36	22°16	3°48	23°44	17°11	19°39	23° 8	20°11	18°58	1°33	7°38	S 16
S 17	7 44 39	26°45'56	23° 2	2°38	13°40	22°54	3°58	23°46	17°14	19°38	23° 8	20° 8	18°55	1°40	7°D38	S 17
M18	7 48 35	27°46'59	7♋45	3°28	14°42	23°31	4° 9	23°49	17°17	19°36	23° 8	20° 1	18°52	1°46	7°38	M18
T 19	7 52 32	28°48'01	22°26	4°21	15°45	24° 8	4°19	23°51	17°20	19°35	23° 9	19°52	18°48	1°53	7°38	T 19
W20	7 56 28	29°49'02	6♌55	5°17	16°47	24°45	4°29	23°54	17°23	19°34	23° 9	19°41	18°45	2° 0	7°38	W20
T 21	8 0 25	0♒50'02	21° 6	6°17	17°49	25°22	4°39	23°57	17°26	19°33	23° 9	19°29	18°42	2° 6	7°39	T 21
F 22	8 4 21	1°51'01	4♍55	7°20	18°50	26° 0	4°49	23°59	17°29	19°31	23° 9	19°18	18°39	2°13	7°39	F 22
S 23	8 8 18	2°52'00	18°18	8°25	19°51	26°37	4°59	24° 2	17°32	19°30	23° 9	19° 9	18°36	2°20	7°39	S 23
S 24	8 12 14	3°52'58	1♎15	9°32	20°52	27°14	5° 9	24° 6	17°35	19°29	23° 9	19° 2	18°33	2°26	7°40	S 24
M25	8 16 11	4°53'55	13°48	10°42	21°52	27°51	5°18	24° 9	17°37	19°28	23°R 9	18°58	18°29	2°33	7°40	M25
T 26	8 20 8	5°54'51	26° 2	11°53	22°51	28°28	5°28	24°12	17°40	19°27	23° 9	18°56	18°26	2°40	7°41	T 26
W27	8 24 4	6°55'47	8♏ 1	13° 6	23°50	29° 5	5°37	24°15	17°43	19°26	23° 9	18°D55	18°23	2°46	7°42	W27
T 28	8 28 1	7°56'42	19°51	14°21	24°49	29°42	5°47	24°19	17°45	19°25	23° 9	18°R55	18°20	2°53	7°42	T 28
F 29	8 31 57	8°57'37	1♐38	15°38	25°47	0♐19	5°56	24°22	17°48	19°24	23° 9	18°55	18°17	3° 0	7°43	F 29
S 30	8 35 54	9°58'30	13°27	16°55	26°45	0°56	6° 5	24°26	17°51	19°23	23° 9	18°53	18°13	3° 6	7°44	S 30
S 31	8 39 50	10♒59'23	25♐22	18♑15	27♓42	1♐33	6♐14	24♈30	17♐53	19♊22	23♎ 9	18♏48	18♏10	3♐13	7♉45	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 4	18s30	0n11	20s20	3n 3	14s12	1s29	14s52	0n54	19s36	0n48	6n43	2s33	22s48	0s 2	21n43	1s23	6n52	17n 0	18s 9	17s42	19s16	12n30	1s42
S 2	22 59	20 0	1 14	20 15	3 10	13 45	1 26	15 4	0 54	19 39	0 48	6 43	2 33	22 49	0 2	21 43	1 23	6 52	17 0	18 9	17 41	19 17	12 30	1 42
S 3	22 53	20 38	2 14	20 12	3 15	13 19	1 22	15 16	0 53	19 41	0 48	6 44	2 32	22 49	0 2	21 43	1 23	6 52	17 1	18 8	17 40	19 17	12 30	1 42
M 4	22 47	20 19	3 9	20 10	3 18	12 52	1 19	15 27	0 53	19 44	0 48	6 45	2 32	22 49	0 2	21 43	1 23	6 52	17 1	18 6	17 39	19 18	12 29	1 42
T 5	22 41	19 5	3 55	20 10	3 18	12 25	1 15	15 38	0 53	19 46	0 48	6 45	2 32	22 50	0 2	21 43	1 23	6 52	17 2	18 4	17 39	19 18	12 29	1 42
W 6	22 34	16 56	4 31	20 12	3 16	11 57	1 11	15 50	0 52	19 48	0 48	6 46	2 32	22 50	0 2	21 43	1 23	6 53	17 3	18 1	17 38	19 19	12 29	1 42
T 7	22 26	13 59	4 55	20 16	3 13	11 30	1 7	16 1	0 52	19 50	0 48	6 47	2 31	22 50	0 2	21 43	1 23	6 53	17 3	17 59	17 37	19 19	12 29	1 42
F 8	22 19	10 21	5 5	20 20	3 8	11 2	1 2	16 12	0 51	19 52	0 48	6 47	2 31	22 51	0 2	21 43	1 23	6 53	17 4	17 56	17 36	19 20	12 28	1 42
S 9	22 11	6 11	4 59	20 26	3 2	10 34	0 58	16 23	0 51	19 55	0 48	6 48	2 31	22 51	0 2	21 42	1 23	6 54	17 4	17 53	17 35	19 20	12 28	1 42
S 10	22 2	1 40	4 38	20 33	2 55	10 5	0 53	16 34	0 50	19 57	0 48	6 49	2 30	22 51	0 2	21 42	1 23	6 54	17 5	17 51	17 34	19 21	12 28	1 42
M11	21 53	2n59	4 1	20 41	2 47	9 37	0 49	16 44	0 50	19 59	0 48	6 50	2 30	22 52	0 2	21 42	1 23	6 54	17 5	17 50	17 33	19 21	12 28	1 42
T 12	21 43	7 35	3 10	20 50	2 38	9 8	0 44	16 55	0 49	20 1	0 48	6 51	2 30	22 52	0 2	21 42	1 23	6 55	17 6	17 49	17 33	19 22	12 28	1 42
W13	21 34	11 53	2 8	20 59	2 29	8 39	0 39	17 5	0 49	20 3	0 48	6 52	2 30	22 52	0 2	21 42	1 22	6 55	17 7	17 49	17 32	19 22	12 28	1 42
T 14	21 23	15 36	0 56	21 8	2 20	8 10	0 34	17 16	0 49	20 5	0 48	6 53	2 29	22 53	0 2	21 42	1 22	6 55	17 7	17 49	17 31	19 23	12 28	1 42
F 15	21 13	18 27	0s20	21 18	2 10	7 41	0 29	17 26	0 48	20 7	0 48	6 54	2 29	22 53	0 2	21 42	1 22	6 56	17 8	17 49	17 30	19 23	12 28	1 42
S 16	21 1	20 10	1 35	21 27	2 1	7 12	0 24	17 36	0 48	20 9	0 48	6 55	2 29	22 53	0 2	21 42	1 22	6 56	17 8	17 49	17 29	19 24	12 28	1 42
S 17	20 50	20 32	2 45	21 36	1 51	6 43	0 18	17 46	0 47	20 11	0 48	6 56	2 28	22 54	0 2	21 42	1 22	6 57	17 9	17 48	17 28	19 24	12 28	1 42
M18	20 38	19 30	3 45	21 45	1 41	6 14	0 13	17 56	0 47	20 13	0 48	6 57	2 28	22 54	0 2	21 42	1 22	6 57	17 9	17 46	17 27	19 25	12 28	1 42
T 19	20 26	17 11	4 29	21 54	1 31	5 44	0 7	18 5	0 46	20 15	0 48	6 59	2 28	22 54	0 2	21 42	1 22	6 58	17 10	17 44	17 26	19 25	12 28	1 42
W20	20 13	13 49	4 55	22 1	1 21	5 15	0 1	18 15	0 45	20 17	0 48	7 0	2 28	22 55	0 2	21 42	1 22	6 58	17 11	17 41	17 26	19 26	12 28	1 42
T 21	20 0	9 42	5 2	22 9	1 11	4 45	0n 4	18 24	0 45	20 18	0 48	7 1	2 27	22 55	0 2	21 42	1 22	6 58	17 11	17 38	17 25	19 26	12 28	1 42
F 22	19 47	5 12	4 51	22 15	1 1	4 16	0 10	18 34	0 44	20 20	0 48	7 2	2 27	22 55	0 2	21 42	1 22	6 59	17 12	17 35	17 24	19 27	12 28	1 42
S 23	19 33	0 35	4 25	22 21	0 51	3 46	0 17	18 43	0 44	20 22	0 48	7 4	2 27	22 55	0 2	21 42	1 22	6 59	17 12	17 32	17 23	19 27	12 28	1 42
S 24	19 19	3s56	3 45	22 26	0 42	3 17	0 23	18 52	0 43	20 24	0 48	7 5	2 26	22 56	0 2	21 41	1 22	7 0	17 13	17 30	17 22	19 28	12 28	1 42
M25	19 4	8 8	2 55	22 30	0 32	2 47	0 29	19 1	0 43	20 25	0 48	7 7	2 26	22 56	0 2	21 41	1 22	7 0	17 13	17 29	17 21	19 28	12 29	1 42
T 26	18 49	11 54	1 58	22 33	0 23	2 18	0 36	19 10	0 42	20 27	0 49	7 8	2 26	22 56	0 2	21 41	1 22	7 1	17 14	17 28	17 20	19 29	12 29	1 42
W27	18 34	15 7	0 58	22 36	0 14	1 48	0 42	19 18	0 42	20 28	0 49	7 10	2 26	22 56	0 2	21 41	1 22	7 2	17 15	17 28	17 19	19 29	12 29	1 42
T 28	18 18	17 39	0n 5	22 37	0 5	1 19	0 49	19 27	0 41	20 30	0 49	7 11	2 25	22 57	0 2	21 41	1 22	7 2	17 15	17 28	17 19	19 30	12 29	1 42
F 29	18 3	19 25	1 7	22 37	0s 3	0 49	0 56	19 35	0 40	20 32	0 49	7 13	2 25	22 57	0 2	21 41	1 22	7 3	17 16	17 28	17 18	19 30	12 30	1 42
S 30	17 46	20 21	2 6	22 36	0 12	0 20	1 3	19 44	0 40	20 33	0 49	7 14	2 25	22 57	0 2	21 41	1 22	7 3	17 16	17 28	17 17	19 30	12 30	1 42
S 31	17s30	20s23	3n 0	22s33	0s20	0n 9	1n10	19s52	0n39	20s35	0n49	7n16	2s25	22s57	0s 2	21n41	1s22	7n 4	17n17	17s26	17s16	19s31	12n30	1s42

Julian Day Number = 2354390.5, Delta T = 11.90 sec
Ecliptic obliquity = 23°28'19, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'37, Lahiri = 20°08'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

FEBRUARY 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 47	12♒ 0'14	7♉28	19♉35	28♓38	2♐10	6♐23	24♈34	17♐56	19°R21	23°R 9	18°R40	18♏ 7	3♐20	7♑46	M 1
T 2	8 47 43	13° 1'05	19°48	20°57	29°34	2°47	6°32	24°38	17°58	19♊20	23♎ 8	18♏29	18° 4	3°26	7°47	T 2
W 3	8 51 40	14° 1'54	2♒23	22°20	0♈30	3°24	6°40	24°42	18° 1	19°19	23° 8	18°17	18° 1	3°33	7°48	W 3
T 4	8 55 37	15° 2'43	15°13	23°44	1°24	4° 1	6°49	24°46	18° 3	19°19	23° 8	18° 3	17°58	3°40	7°49	T 4
F 5	8 59 33	16° 3'30	28°18	25° 9	2°18	4°37	6°57	24°50	18° 6	19°18	23° 7	17°49	17°54	3°46	7°50	F 5
S 6	9 3 30	17° 4'15	11♓36	26°35	3°12	5°14	7° 6	24°54	18° 8	19°17	23° 7	17°36	17°51	3°53	7°51	S 6
S 7	9 7 26	18° 4'59	25° 5	28° 2	4° 4	5°51	7°14	24°59	18°10	19°16	23° 7	17°26	17°48	3°59	7°53	S 7
M 8	9 11 23	19° 5'42	8♈44	29°30	4°56	6°28	7°22	25° 3	18°12	19°16	23° 6	17°20	17°45	4° 6	7°54	M 8
T 9	9 15 19	20° 6'22	22°30	0♒59	5°48	7° 4	7°29	25° 8	18°15	19°15	23° 6	17°16	17°42	4°13	7°56	T 9
W10	9 19 16	21° 7'02	6♉23	2°28	6°38	7°41	7°37	25°12	18°17	19°14	23° 5	17°14	17°38	4°19	7°57	W10
T 11	9 23 12	22° 7'39	20°22	3°59	7°28	8°17	7°45	25°17	18°19	19°14	23° 5	17°14	17°35	4°26	7°59	T 11
F 12	9 27 9	23° 8'15	4♊28	5°31	8°16	8°54	7°52	25°22	18°21	19°13	23° 4	17°14	17°32	4°33	8° 0	F 12
S 13	9 31 5	24° 8'49	18°39	7° 3	9° 4	9°30	8° 0	25°27	18°23	19°13	23° 3	17°12	17°29	4°39	8° 2	S 13
S 14	9 35 2	25° 9'21	2♋53	8°37	9°51	10° 7	8° 7	25°32	18°25	19°12	23° 3	17° 8	17°26	4°46	8° 4	S 14
M15	9 38 59	26° 9'51	17° 9	10°11	10°37	10°43	8°14	25°37	18°27	19°12	23° 2	17° 1	17°23	4°53	8° 5	M15
T 16	9 42 55	27°10'20	1♌22	11°47	11°22	11°19	8°21	25°42	18°29	19°11	23° 1	16°51	17°19	4°59	8° 7	T 16
W17	9 46 52	28°10'46	15°27	13°23	12° 6	11°56	8°27	25°47	18°30	19°11	23° 1	16°40	17°16	5° 6	8° 9	W17
T 18	9 50 48	29°11'11	29°19	15° 0	12°49	12°32	8°34	25°53	18°32	19°10	23° 0	16°27	17°13	5°13	8°11	T 18
F 19	9 54 45	0♓11'34	12♍53	16°38	13°31	13° 8	8°40	25°58	18°34	19°10	22°59	16°15	17°10	5°19	8°13	F 19
S 20	9 58 41	1°11'56	26° 7	18°17	14°11	13°45	8°47	26° 3	18°36	19°10	22°58	16° 5	17° 7	5°26	8°15	S 20
S 21	10 2 38	2°12'16	9♎ 0	19°57	14°51	14°21	8°53	26° 9	18°37	19°10	22°57	15°57	17° 4	5°33	8°17	S 21
M22	10 6 34	3°12'35	21°32	21°38	15°29	14°57	8°59	26°14	18°39	19° 9	22°56	15°52	17° 0	5°39	8°20	M22
T 23	10 10 31	4°12'52	3♏47	23°20	16° 6	15°33	9° 5	26°20	18°40	19° 9	22°55	15°49	16°57	5°46	8°22	T 23
W24	10 14 28	5°13'07	15°48	25° 4	16°41	16° 9	9°10	26°26	18°42	19° 9	22°54	15°D49	16°54	5°53	8°24	W24
T 25	10 18 24	6°13'21	27°39	26°48	17°15	16°45	9°16	26°31	18°43	19° 9	22°53	15°49	16°51	5°59	8°26	T 25
F 26	10 22 21	7°13'34	9♐28	28°33	17°48	17°21	9°21	26°37	18°45	19° 9	22°52	15°R49	16°48	6° 6	8°29	F 26
S 27	10 26 17	8°13'45	21°18	0♓19	18°19	17°57	9°26	26°43	18°46	19° 9	22°51	15°48	16°44	6°12	8°31	S 27
S 28	10 30 14	9♓13'54	3♉15	2♓ 6	18♈49	18♐32	9♐32	26♈49	18♐47	19°D 9	22♎50	15♏45	16♏41	6♐19	8♑34	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s13	19s29	3n47	22s30	0s28	0n38	1n17	20s 0	0n38	20s36	0n49	7n17	2s24	22s58	0s 2	21n41	1s22	7n 4	17n17	17s24	17s15	19s31	12n31	1s42
T 2	16 56	17 39	4 24	22 25	0 35	1 7	1 24	20 8	0 38	20 38	0 49	7 19	2 24	22 58	0 2	21 41	1 22	7 5	17 18	17 21	17 14	19 32	12 31	1 42
W 3	16 38	14 58	4 49	22 19	0 43	1 36	1 32	20 15	0 37	20 39	0 49	7 21	2 24	22 58	0 2	21 41	1 22	7 6	17 19	17 18	17 13	19 32	12 31	1 42
T 4	16 21	11 31	5 0	22 12	0 50	2 5	1 39	20 23	0 36	20 40	0 49	7 23	2 24	22 58	0 2	21 41	1 22	7 6	17 19	17 14	17 12	19 33	12 32	1 42
F 5	16 3	7 28	4 55	22 4	0 57	2 33	1 47	20 30	0 36	20 42	0 49	7 24	2 23	22 59	0 2	21 41	1 22	7 7	17 20	17 10	17 11	19 33	12 32	1 42
S 6	15 44	2 59	4 35	21 54	1 3	3 1	1 55	20 38	0 35	20 43	0 49	7 26	2 23	22 59	0 2	21 41	1 21	7 8	17 20	17 6	17 11	19 33	12 32	1 42
S 7	15 26	1n42	3 59	21 43	1 10	3 30	2 2	20 45	0 34	20 44	0 49	7 28	2 23	22 59	0 2	21 41	1 21	7 8	17 21	17 4	17 10	19 34	12 33	1 42
M 8	15 7	6 21	3 8	21 31	1 16	3 57	2 10	20 52	0 34	20 46	0 49	7 30	2 23	22 59	0 2	21 41	1 21	7 9	17 21	17 2	17 9	19 34	12 33	1 42
T 9	14 48	10 44	2 7	21 18	1 22	4 25	2 18	20 59	0 33	20 47	0 49	7 32	2 22	22 59	0 2	21 41	1 21	7 10	17 22	17 1	17 8	19 35	12 34	1 42
W10	14 29	14 34	0 57	21 3	1 27	4 53	2 26	21 5	0 32	20 48	0 49	7 34	2 22	23 0	0 2	21 41	1 21	7 10	17 22	17 0	17 7	19 35	12 34	1 42
T 11	14 9	17 36	0s17	20 47	1 32	5 20	2 35	21 12	0 31	20 49	0 49	7 36	2 22	23 0	0 2	21 41	1 21	7 11	17 23	17 0	17 6	19 35	12 35	1 42
F 12	13 49	19 35	1 30	20 29	1 37	5 47	2 43	21 18	0 31	20 50	0 49	7 38	2 22	23 0	0 2	21 41	1 21	7 12	17 23	17 0	17 5	19 36	12 35	1 42
S 13	13 29	20 22	2 38	20 10	1 42	6 13	2 51	21 25	0 30	20 51	0 49	7 40	2 21	23 0	0 2	21 41	1 21	7 12	17 24	17 0	17 4	19 36	12 36	1 42
S 14	13 9	19 50	3 36	19 50	1 46	6 40	3 0	21 31	0 29	20 53	0 50	7 42	2 21	23 0	0 2	21 41	1 21	7 13	17 24	16 58	17 3	19 36	12 36	1 42
M15	12 49	18 3	4 21	19 28	1 50	7 6	3 8	21 37	0 28	20 54	0 50	7 44	2 21	23 1	0 2	21 41	1 21	7 14	17 25	16 56	17 3	19 37	12 37	1 42
T 16	12 28	15 10	4 50	19 5	1 53	7 31	3 17	21 43	0 28	20 55	0 50	7 46	2 21	23 1	0 2	21 41	1 21	7 14	17 25	16 54	17 2	19 37	12 38	1 42
W17	12 7	11 26	5 1	18 41	1 56	7 57	3 26	21 49	0 27	20 56	0 50	7 48	2 20	23 1	0 2	21 41	1 21	7 15	17 26	16 50	17 1	19 37	12 38	1 42
T 18	11 46	7 9	4 53	18 15	1 59	8 22	3 35	21 54	0 26	20 57	0 50	7 50	2 20	23 1	0 2	21 41	1 21	7 16	17 26	16 47	17 0	19 38	12 39	1 42
F 19	11 25	2 35	4 30	17 48	2 2	8 46	3 44	22 0	0 25	20 58	0 50	7 52	2 20	23 1	0 2	21 41	1 21	7 17	17 27	16 43	16 59	19 38	12 40	1 42
S 20	11 4	2s 0	3 51	17 20	2 4	9 10	3 52	22 5	0 24	20 58	0 50	7 54	2 20	23 1	0 2	21 41	1 21	7 17	17 27	16 40	16 58	19 39	12 40	1 42
S 21	10 42	6 22	3 2	16 50	2 5	9 34	4 1	22 10	0 23	20 59	0 50	7 56	2 20	23 2	0 3	21 41	1 21	7 18	17 28	16 38	16 57	19 39	12 41	1 42
M22	10 21	10 21	2 5	16 18	2 7	9 57	4 11	22 15	0 22	21 0	0 50	7 59	2 19	23 2	0 3	21 41	1 21	7 19	17 28	16 37	16 56	19 39	12 42	1 42
T 23	9 59	13 47	1 4	15 46	2 8	10 20	4 20	22 20	0 22	21 1	0 50	8 1	2 19	23 2	0 3	21 41	1 21	7 20	17 29	16 36	16 55	19 40	12 42	1 42
W24	9 37	16 35	0 0	15 12	2 8	10 42	4 29	22 24	0 21	21 2	0 50	8 3	2 19	23 2	0 3	21 41	1 21	7 20	17 29	16 36	16 54	19 40	12 43	1 42
T 25	9 14	18 39	1n 3	14 36	2 8	11 4	4 38	22 29	0 20	21 3	0 50	8 5	2 19	23 2	0 3	21 41	1 21	7 21	17 30	16 36	16 54	19 40	12 44	1 42
F 26	8 52	19 53	2 3	13 59	2 8	11 25	4 47	22 33	0 19	21 3	0 50	8 8	2 19	23 2	0 3	21 41	1 20	7 22	17 30	16 36	16 53	19 41	12 45	1 42
S 27	8 30	20 14	2 57	13 21	2 7	11 45	4 56	22 38	0 18	21 4	0 50	8 10	2 18	23 2	0 3	21 42	1 20	7 23	17 30	16 36	16 52	19 41	12 45	1 42
S 28	8s 7	19s41	3n45	12s42	2s 5	12n 5	5n 6	22s42	0n17	21s 5	0n50	8n12	2s18	23s 2	0s 3	21n42	1s20	7n23	17n31	16s35	16s51	19s41	12n46	1s42

Julian Day Number = 2354421.5, Delta T = 11.92 sec
Ecliptic obliquity = 23°28'20, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'41, Lahiri = 20°08'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

MARCH 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 10	10♓14'02	15♉25	3♓54	19♈17	19♐ 8	9♐36	26♈55	18♐49	19♊ 9	22°R49	15°R40	16♏38	6♐26	8♑36	M 1
T 2	10 38 7	11°14'08	27°50	5°44	19°43	19°44	9°41	27° 1	18°50	19° 9	22♎48	15♏32	16°35	6°32	8°39	T 2
W 3	10 42 3	12°14'13	10♒35	7°34	20° 8	20°20	9°46	27° 7	18°51	19° 9	22°47	15°22	16°32	6°39	8°42	W 3
T 4	10 46 0	13°14'16	23°39	9°26	20°30	20°55	9°50	27°14	18°52	19° 9	22°46	15°11	16°29	6°46	8°44	T 4
F 5	10 49 57	14°14'17	7♓ 3	11°18	20°51	21°31	9°54	27°20	18°53	19° 9	22°45	15° 0	16°25	6°52	8°47	F 5
S 6	10 53 53	15°14'16	20°44	13°12	21°10	22° 6	9°58	27°26	18°54	19° 9	22°43	14°50	16°22	6°59	8°50	S 6
S 7	10 57 50	16°14'13	4♈39	15° 6	21°27	22°41	10° 2	27°33	18°55	19° 9	22°42	14°43	16°19	7° 6	8°53	S 7
M 8	11 1 46	17°14'07	18°44	17° 2	21°42	23°17	10° 6	27°39	18°56	19°10	22°41	14°37	16°16	7°12	8°56	M 8
T 9	11 5 43	18°14'00	2♉54	18°59	21°55	23°52	10° 9	27°46	18°57	19°10	22°39	14°35	16°13	7°19	8°58	T 9
W10	11 9 39	19°13'51	17° 7	20°56	22° 6	24°27	10°13	27°52	18°57	19°10	22°38	14°D34	16°10	7°26	9° 1	W10
T 11	11 13 36	20°13'40	1♊18	22°54	22°14	25° 2	10°16	27°59	18°58	19°11	22°37	14°35	16° 6	7°32	9° 4	T 11
F 12	11 17 32	21°13'26	15°28	24°53	22°20	25°37	10°19	28° 5	18°59	19°11	22°35	14°R35	16° 3	7°39	9° 7	F 12
S 13	11 21 29	22°13'10	29°34	26°52	22°24	26°12	10°21	28°12	18°59	19°11	22°34	14°35	16° 0	7°46	9°11	S 13
S 14	11 25 26	23°12'52	13♋34	28°52	22°R25	26°47	10°24	28°19	19° 0	19°12	22°33	14°33	15°57	7°52	9°14	S 14
M15	11 29 22	24°12'31	27°29	0♈52	22°24	27°22	10°27	28°26	19° 0	19°12	22°31	14°29	15°54	7°59	9°17	M15
T 16	11 33 19	25°12'08	11♌16	2°51	22°21	27°57	10°29	28°32	19° 1	19°13	22°30	14°23	15°50	8° 6	9°20	T 16
W17	11 37 15	26°11'43	24°53	4°51	22°15	28°31	10°31	28°39	19° 1	19°13	22°28	14°16	15°47	8°12	9°23	W17
T 18	11 41 12	27°11'15	8♍18	6°50	22° 6	29° 6	10°33	28°46	19° 2	19°14	22°27	14° 7	15°44	8°19	9°27	T 18
F 19	11 45 8	28°10'46	21°29	8°47	21°55	29°40	10°34	28°53	19° 2	19°15	22°25	13°59	15°41	8°26	9°30	F 19
S 20	11 49 5	29°10'14	4♎25	10°44	21°41	0♉15	10°36	29° 0	19° 2	19°15	22°24	13°52	15°38	8°32	9°33	S 20
S 21	11 53 1	0♈ 9'40	17° 4	12°39	21°25	0°49	10°37	29° 7	19° 2	19°16	22°22	13°47	15°35	8°39	9°37	S 21
M22	11 56 58	1° 9'04	29°28	14°32	21° 7	1°23	10°38	29°14	19° 3	19°17	22°21	13°44	15°31	8°46	9°40	M22
T 23	12 0 54	2° 8'27	11♏39	16°22	20°46	1°57	10°39	29°21	19° 3	19°17	22°19	13°D43	15°28	8°52	9°44	T 23
W24	12 4 51	3° 7'47	23°38	18°10	20°23	2°31	10°40	29°29	19°R 3	19°18	22°18	13°43	15°25	8°59	9°47	W24
T 25	12 8 48	4° 7'06	5♐30	19°54	19°57	3° 5	10°41	29°36	19° 3	19°19	22°16	13°45	15°22	9° 6	9°51	T 25
F 26	12 12 44	5° 6'23	17°19	21°34	19°30	3°39	10°41	29°43	19° 3	19°20	22°15	13°47	15°19	9°12	9°54	F 26
S 27	12 16 41	6° 5'38	29° 9	23°11	19° 1	4°13	10°41	29°50	19° 2	19°21	22°13	13°48	15°15	9°19	9°58	S 27
S 28	12 20 37	7° 4'52	11♑ 7	24°43	18°30	4°47	10°R41	29°57	19° 2	19°22	22°11	13°R48	15°12	9°25	10° 1	S 28
M29	12 24 34	8° 4'03	23°17	26°10	17°57	5°20	10°41	0♑ 5	19° 2	19°23	22°10	13°47	15° 9	9°32	10° 5	M29
T 30	12 28 30	9° 3'13	5♒43	27°32	17°23	5°54	10°41	0°12	19° 2	19°23	22° 8	13°44	15° 6	9°39	10° 9	T 30
W31	12 32 27	10♈ 2'21	18♒30	28♈48	16♈48	6♑27	10♐40	0♑19	19♐ 1	19♊24	22♎ 6	13♏40	15♏ 3	9♐45	10♑12	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s44	18s14	4n23	12s 1	2s 4	12n24	5n15	22s46	0n16	21s 5	0n50	8n15	2s18	23s 3	0s 3	21n42	1s20	7n24	17n31	16s33	16s50	19s41	12n47	1s42
T 2	7 22	15 53	4 50	11 18	2 1	12 43	5 24	22 50	0 15	21 6	0 51	8 17	2 18	23 3	0 3	21 42	1 20	7 25	17 32	16 31	16 49	19 42	12 48	1 42
W 3	6 59	12 45	5 3	10 35	1 59	13 1	5 33	22 53	0 14	21 7	0 51	8 19	2 18	23 3	0 3	21 42	1 20	7 26	17 32	16 28	16 48	19 42	12 49	1 42
T 4	6 36	8 55	5 0	9 50	1 55	13 18	5 42	22 57	0 13	21 7	0 51	8 22	2 17	23 3	0 3	21 42	1 20	7 27	17 33	16 25	16 47	19 42	12 50	1 42
F 5	6 13	4 34	4 42	9 3	1 51	13 34	5 51	23 0	0 12	21 8	0 51	8 24	2 17	23 3	0 3	21 42	1 20	7 27	17 33	16 22	16 46	19 43	12 50	1 42
S 6	5 50	0n 6	4 7	8 16	1 47	13 50	6 0	23 3	0 11	21 8	0 51	8 27	2 17	23 3	0 3	21 42	1 20	7 28	17 33	16 19	16 45	19 43	12 51	1 42
S 7	5 26	4 51	3 17	7 27	1 42	14 4	6 9	23 7	0 10	21 9	0 51	8 29	2 17	23 3	0 3	21 42	1 20	7 29	17 34	16 16	16 44	19 43	12 52	1 42
M 8	5 3	9 25	2 14	6 37	1 37	14 18	6 18	23 9	0 9	21 9	0 51	8 31	2 17	23 3	0 3	21 42	1 20	7 30	17 34	16 15	16 44	19 43	12 53	1 42
T 9	4 40	13 28	1 2	5 46	1 31	14 31	6 26	23 12	0 8	21 10	0 51	8 34	2 17	23 3	0 3	21 42	1 20	7 30	17 34	16 14	16 43	19 44	12 54	1 42
W10	4 16	16 45	0s14	4 53	1 24	14 43	6 35	23 15	0 6	21 10	0 51	8 36	2 16	23 3	0 3	21 42	1 20	7 31	17 35	16 14	16 42	19 44	12 55	1 42
T 11	3 53	19 0	1 29	4 0	1 17	14 54	6 43	23 18	0 5	21 10	0 51	8 39	2 16	23 4	0 3	21 42	1 20	7 32	17 35	16 14	16 41	19 44	12 56	1 42
F 12	3 29	20 3	2 38	3 6	1 9	15 3	6 51	23 20	0 4	21 11	0 51	8 41	2 16	23 4	0 3	21 42	1 20	7 33	17 35	16 14	16 40	19 45	12 57	1 42
S 13	3 5	19 51	3 38	2 11	1 1	15 12	6 59	23 22	0 3	21 11	0 51	8 44	2 16	23 4	0 3	21 42	1 20	7 34	17 36	16 14	16 39	19 45	12 58	1 42
S 14	2 42	18 24	4 24	1 15	0 52	15 19	7 6	23 24	0 2	21 11	0 51	8 46	2 16	23 4	0 3	21 43	1 20	7 34	17 36	16 14	16 38	19 45	12 59	1 42
M15	2 18	15 53	4 54	0 19	0 43	15 26	7 14	23 26	0 0	21 12	0 51	8 49	2 16	23 4	0 3	21 43	1 20	7 35	17 36	16 12	16 37	19 45	13 0	1 42
T 16	1 55	12 30	5 7	0n38	0 33	15 30	7 20	23 28	0s 1	21 12	0 52	8 52	2 16	23 4	0 3	21 43	1 19	7 36	17 37	16 11	16 36	19 46	13 1	1 42
W17	1 31	8 30	5 2	1 34	0 23	15 34	7 27	23 30	0 2	21 12	0 52	8 54	2 15	23 4	0 3	21 43	1 19	7 37	17 37	16 8	16 35	19 46	13 2	1 42
T 18	1 7	4 8	4 41	2 31	0 12	15 36	7 33	23 31	0 3	21 12	0 52	8 57	2 15	23 4	0 3	21 43	1 19	7 37	17 37	16 6	16 34	19 46	13 3	1 42
F 19	0 44	0s22	4 5	3 28	0 1	15 37	7 38	23 33	0 5	21 13	0 52	8 59	2 15	23 4	0 3	21 43	1 19	7 38	17 37	16 4	16 33	19 46	13 4	1 42
S 20	0 20	4 46	3 16	4 25	0n10	15 37	7 43	23 34	0 6	21 13	0 52	9 2	2 15	23 4	0 3	21 43	1 19	7 39	17 38	16 1	16 33	19 46	13 5	1 42
S 21	0n 4	8 52	2 19	5 21	0 22	15 35	7 48	23 35	0 7	21 13	0 52	9 4	2 15	23 4	0 3	21 43	1 19	7 40	17 38	16 0	16 32	19 47	13 6	1 42
M22	0 28	12 30	1 17	6 15	0 34	15 31	7 52	23 36	0 9	21 13	0 52	9 7	2 15	23 4	0 3	21 43	1 19	7 40	17 38	15 59	16 31	19 47	13 7	1 42
T 23	0 51	15 32	0 11	7 9	0 46	15 26	7 55	23 37	0 10	21 13	0 52	9 10	2 15	23 4	0 3	21 43	1 19	7 41	17 38	15 59	16 30	19 47	13 8	1 42
W24	1 15	17 50	0n54	8 2	0 58	15 20	7 58	23 38	0 11	21 13	0 52	9 12	2 14	23 4	0 3	21 44	1 19	7 42	17 38	15 59	16 29	19 47	13 9	1 42
T 25	1 38	19 21	1 56	8 53	1 10	15 12	7 59	23 39	0 13	21 13	0 52	9 15	2 14	23 4	0 3	21 44	1 19	7 43	17 39	15 59	16 28	19 48	13 10	1 42
F 26	2 2	20 0	2 53	9 42	1 22	15 2	8 0	23 39	0 14	21 13	0 52	9 18	2 14	23 4	0 3	21 44	1 19	7 43	17 39	16 0	16 27	19 48	13 11	1 42
S 27	2 25	19 46	3 43	10 29	1 34	14 51	8 1	23 40	0 16	21 13	0 52	9 20	2 14	23 4	0 3	21 44	1 19	7 44	17 39	16 0	16 26	19 48	13 13	1 42
S 28	2 49	18 38	4 23	11 13	1 46	14 39	8 0	23 40	0 17	21 13	0 52	9 23	2 14	23 4	0 3	21 44	1 19	7 45	17 39	16 0	16 25	19 48	13 14	1 42
M29	3 12	16 39	4 53	11 55	1 57	14 25	7 59	23 40	0 19	21 13	0 52	9 25	2 14	23 4	0 3	21 44	1 19	7 46	17 39	16 0	16 24	19 48	13 15	1 42
T 30	3 36	13 52	5 9	12 35	2 7	14 9	7 56	23 41	0 20	21 13	0 52	9 28	2 14	23 4	0 3	21 44	1 19	7 46	17 40	15 59	16 23	19 49	13 16	1 42
W31	3n59	10s22	5n11	13n12	2n17	13n53	7n53	23s41	0s22	21s13	0n52	9n31	2s14	23s 4	0s 3	21n44	1s19	7n47	17n40	15s58	16s22	19s49	13n17	1s42

Julian Day Number = 2354449.5, Delta T = 11.93 sec
Ecliptic obliquity = 23°28'20, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'45, Lahiri = 20°08'45Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

APRIL 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 23	11♈ 1'27	1♓39	29♈59	16°R11	7♉ 0	10°R39	0♉27	19°R 1	19♊25	22°R 5	13°R35	15♏ 0	9♐52	10♉16	T 1
F 2	12 40 20	12° 0'31	15°13	1♉ 4	15♈34	7°33	10♐39	0°34	19♐ 1	19°27	22♎ 3	13♏30	14°56	9°59	10°20	F 2
S 3	12 44 17	12°59'33	29° 8	2° 2	14°57	8° 6	10°37	0°42	19° 0	19°28	22° 1	13°25	14°53	10° 5	10°24	S 3
S 4	12 48 13	13°58'34	13♈23	2°55	14°19	8°39	10°36	0°49	19° 0	19°29	22° 0	13°21	14°50	10°12	10°28	S 4
M 5	12 52 10	14°57'32	27°52	3°41	13°41	9°12	10°35	0°57	18°59	19°30	21°58	13°19	14°47	10°19	10°31	M 5
T 6	12 56 6	15°56'28	12♉30	4°21	13° 4	9°44	10°33	1° 4	18°58	19°31	21°56	13°D18	14°44	10°25	10°35	T 6
W 7	13 0 3	16°55'22	27° 8	4°54	12°27	10°17	10°31	1°12	18°58	19°32	21°55	13°19	14°41	10°32	10°39	W 7
T 8	13 3 59	17°54'14	11♊43	5°20	11°50	10°49	10°29	1°19	18°57	19°34	21°53	13°20	14°37	10°39	10°43	T 8
F 9	13 7 56	18°53'04	26° 9	5°40	11°15	11°21	10°27	1°27	18°56	19°35	21°51	13°21	14°34	10°45	10°47	F 9
S 10	13 11 52	19°51'51	10♋23	5°53	10°41	11°53	10°24	1°34	18°55	19°36	21°50	13°23	14°31	10°52	10°51	S 10
S 11	13 15 49	20°50'36	24°23	6° 0	10° 8	12°25	10°22	1°42	18°55	19°37	21°48	13°R23	14°28	10°59	10°55	S 11
M12	13 19 46	21°49'19	8♌ 8	6°R 1	9°36	12°57	10°19	1°50	18°54	19°39	21°46	13°22	14°25	11° 5	10°59	M12
T 13	13 23 42	22°48'00	21°38	5°55	9° 7	13°29	10°16	1°57	18°53	19°40	21°45	13°20	14°21	11°12	11° 3	T 13
W14	13 27 39	23°46'38	4♍54	5°44	8°39	14° 0	10°13	2° 5	18°52	19°42	21°43	13°18	14°18	11°19	11° 7	W14
T 15	13 31 35	24°45'14	17°56	5°27	8°13	14°31	10°10	2°13	18°51	19°43	21°41	13°15	14°15	11°25	11°11	T 15
F 16	13 35 32	25°43'48	0♎43	5° 6	7°50	15° 2	10° 6	2°20	18°49	19°44	21°40	13°12	14°12	11°32	11°15	F 16
S 17	13 39 28	26°42'19	13°18	4°39	7°28	15°33	10° 3	2°28	18°48	19°46	21°38	13°10	14° 9	11°39	11°19	S 17
S 18	13 43 25	27°40'49	25°41	4° 9	7° 9	16° 4	9°59	2°35	18°47	19°47	21°36	13° 9	14° 6	11°45	11°23	S 18
M19	13 47 21	28°39'17	7♏52	3°35	6°53	16°35	9°55	2°43	18°46	19°49	21°34	13°D 8	14° 2	11°52	11°27	M19
T 20	13 51 18	29°37'43	19°55	2°59	6°38	17° 5	9°51	2°51	18°45	19°50	21°33	13° 8	13°59	11°59	11°31	T 20
W21	13 55 15	0♉36'08	1♐50	2°20	6°27	17°35	9°46	2°59	18°43	19°52	21°31	13° 9	13°56	12° 5	11°35	W21
T 22	13 59 11	1°34'30	13°40	1°40	6°17	18° 5	9°42	3° 6	18°42	19°54	21°29	13°10	13°53	12°12	11°40	T 22
F 23	14 3 8	2°32'51	25°29	1° 0	6°10	18°35	9°37	3°14	18°40	19°55	21°28	13°11	13°50	12°19	11°44	F 23
S 24	14 7 4	3°31'11	7♑20	0°19	6° 6	19° 5	9°33	3°22	18°39	19°57	21°26	13°12	13°47	12°25	11°48	S 24
S 25	14 11 1	4°29'29	19°18	29♈40	6°D 4	19°35	9°28	3°29	18°38	19°59	21°25	13°12	13°43	12°32	11°52	S 25
M26	14 14 57	5°27'45	1♒27	29° 2	6° 4	20° 4	9°23	3°37	18°36	20° 0	21°23	13°R13	13°40	12°39	11°56	M26
T 27	14 18 54	6°26'00	13°51	28°27	6° 7	20°33	9°17	3°45	18°34	20° 2	21°21	13°13	13°37	12°45	12° 0	T 27
W28	14 22 50	7°24'13	26°35	27°54	6°12	21° 2	9°12	3°52	18°33	20° 4	21°20	13°12	13°34	12°52	12° 4	W28
T 29	14 26 47	8°22'25	9♓42	27°24	6°19	21°30	9° 7	4° 0	18°31	20° 5	21°18	13°12	13°31	12°59	12° 9	T 29
F 30	14 30 43	9♉20'35	23♓14	26♈58	6♈29	21♉59	9♐ 1	4♉ 8	18♐29	20♊ 7	21♎16	13♏11	13♏27	13♐ 5	12♉13	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n22	6s16	4n57	13n46	2n26	13n35	7n49	23s40	0s23	21s13	0n53	9n33	2s14	23s 4	0s 3	21n45	1s19	7n48	17n40	15s56	16s21	19s49	13n18	1s42
F 2	4 45	1 45	4 26	14 17	2 35	13 16	7 44	23 40	0 25	21 12	0 53	9 36	2 14	23 4	0 3	21 45	1 19	7 48	17 40	15 55	16 20	19 49	13 19	1 42
S 3	5 8	3n 0	3 39	14 44	2 43	12 56	7 38	23 40	0 26	21 12	0 53	9 39	2 13	23 4	0 3	21 45	1 19	7 49	17 40	15 53	16 20	19 49	13 20	1 42
S 4	5 31	7 42	2 37	15 9	2 49	12 35	7 32	23 39	0 28	21 12	0 53	9 41	2 13	23 4	0 3	21 45	1 19	7 50	17 40	15 52	16 19	19 49	13 22	1 42
M 5	5 54	12 2	1 24	15 30	2 55	12 13	7 24	23 39	0 30	21 12	0 53	9 44	2 13	23 4	0 3	21 45	1 18	7 50	17 40	15 51	16 18	19 50	13 23	1 42
T 6	6 17	15 41	0 4	15 48	3 0	11 51	7 16	23 38	0 32	21 11	0 53	9 47	2 13	23 4	0 3	21 45	1 18	7 51	17 40	15 51	16 17	19 50	13 24	1 42
W 7	6 39	18 19	1s15	16 3	3 3	11 28	7 7	23 38	0 33	21 11	0 53	9 49	2 13	23 4	0 3	21 45	1 18	7 52	17 40	15 51	16 16	19 50	13 25	1 42
T 8	7 2	19 45	2 30	16 14	3 6	11 4	6 57	23 37	0 35	21 11	0 53	9 52	2 13	23 4	0 3	21 46	1 18	7 52	17 40	15 52	16 15	19 50	13 26	1 42
F 9	7 24	19 51	3 34	16 22	3 7	10 41	6 46	23 36	0 37	21 10	0 53	9 55	2 13	23 4	0 3	21 46	1 18	7 53	17 40	15 52	16 14	19 50	13 27	1 43
S 10	7 47	18 40	4 25	16 26	3 6	10 17	6 35	23 35	0 39	21 10	0 53	9 58	2 13	23 4	0 3	21 46	1 18	7 54	17 40	15 53	16 13	19 50	13 29	1 43
S 11	8 9	16 23	4 58	16 27	3 5	9 53	6 23	23 34	0 40	21 10	0 53	10 0	2 13	23 4	0 3	21 46	1 18	7 54	17 40	15 53	16 12	19 50	13 30	1 43
M12	8 31	13 12	5 14	16 24	3 2	9 30	6 11	23 33	0 42	21 9	0 53	10 3	2 13	23 4	0 3	21 46	1 18	7 55	17 40	15 52	16 11	19 51	13 31	1 43
T 13	8 53	9 23	5 12	16 18	2 57	9 6	5 58	23 31	0 44	21 9	0 53	10 6	2 13	23 3	0 3	21 46	1 18	7 56	17 40	15 52	16 10	19 51	13 32	1 43
W14	9 14	5 10	4 53	16 9	2 51	8 43	5 45	23 30	0 46	21 8	0 53	10 8	2 13	23 3	0 3	21 46	1 18	7 56	17 40	15 51	16 9	19 51	13 33	1 43
T 15	9 36	0 48	4 20	15 56	2 44	8 21	5 32	23 29	0 48	21 8	0 53	10 11	2 13	23 3	0 3	21 47	1 18	7 57	17 40	15 50	16 8	19 51	13 34	1 43
F 16	9 57	3s33	3 33	15 40	2 35	7 59	5 19	23 27	0 50	21 7	0 53	10 14	2 13	23 3	0 3	21 47	1 18	7 57	17 40	15 49	16 7	19 51	13 36	1 43
S 17	10 19	7 41	2 38	15 22	2 25	7 38	5 5	23 26	0 52	21 7	0 53	10 16	2 13	23 3	0 3	21 47	1 18	7 58	17 40	15 49	16 6	19 51	13 37	1 43
S 18	10 40	11 25	1 35	15 1	2 14	7 18	4 51	23 24	0 54	21 6	0 53	10 19	2 13	23 3	0 3	21 47	1 18	7 58	17 40	15 48	16 5	19 51	13 38	1 43
M19	11 1	14 37	0 29	14 37	2 1	6 58	4 37	23 22	0 56	21 5	0 53	10 21	2 12	23 3	0 3	21 47	1 18	7 59	17 40	15 48	16 4	19 51	13 39	1 43
T 20	11 21	17 8	0n38	14 12	1 47	6 39	4 23	23 20	0 58	21 5	0 53	10 24	2 12	23 3	0 3	21 47	1 18	7 59	17 40	15 48	16 4	19 51	13 40	1 43
W21	11 42	18 54	1 42	13 45	1 33	6 22	4 9	23 19	1 0	21 4	0 53	10 27	2 12	23 3	0 3	21 48	1 18	8 0	17 40	15 48	16 3	19 52	13 42	1 43
T 22	12 2	19 48	2 41	13 16	1 17	6 5	3 55	23 17	1 3	21 3	0 53	10 29	2 12	23 3	0 3	21 48	1 18	8 0	17 40	15 49	16 2	19 52	13 43	1 43
F 23	12 22	19 50	3 34	12 47	1 1	5 50	3 41	23 15	1 5	21 3	0 53	10 32	2 12	23 3	0 3	21 48	1 18	8 1	17 40	15 49	16 1	19 52	13 44	1 43
S 24	12 42	18 59	4 18	12 17	0 44	5 35	3 27	23 13	1 7	21 2	0 53	10 35	2 12	23 2	0 3	21 48	1 18	8 1	17 40	15 49	16 0	19 52	13 45	1 43
S 25	13 2	17 17	4 50	11 48	0 27	5 22	3 13	23 11	1 9	21 1	0 53	10 37	2 12	23 2	0 3	21 48	1 18	8 2	17 40	15 49	15 59	19 52	13 46	1 43
M26	13 22	14 48	5 11	11 18	0 10	5 10	3 0	23 9	1 12	21 1	0 53	10 40	2 12	23 2	0 3	21 48	1 18	8 2	17 39	15 50	15 58	19 52	13 48	1 44
T 27	13 41	11 37	5 18	10 49	0s 7	4 59	2 46	23 7	1 14	21 0	0 53	10 42	2 12	23 2	0 3	21 49	1 18	8 3	17 39	15 50	15 57	19 52	13 49	1 44
W28	14 0	7 50	5 9	10 22	0 24	4 48	2 33	23 5	1 16	20 59	0 53	10 45	2 12	23 2	0 3	21 49	1 17	8 3	17 39	15 49	15 56	19 52	13 50	1 44
T 29	14 19	3 33	4 44	9 56	0 41	4 40	2 20	23 3	1 19	20 58	0 53	10 48	2 12	23 2	0 3	21 49	1 17	8 4	17 39	15 49	15 55	19 52	13 51	1 44
F 30	14n38	1n 2	4n 3	9n31	0s57	4n32	2n 8	23s 1	1s21	20s57	0n53	10n50	2s12	23s 2	0s 3	21n49	1s17	8n 4	17n39	15s49	15s54	19s52	13n52	1s44

Julian Day Number = 2354480.5, Delta T = 11.95 sec
Ecliptic obliquity = 23°28'20, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'49, Lahiri = 20°08'49Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

MAY 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 40	10♉18'44	7♈13	26°R36	6♈40	22♊27	8°R55	4♉15	18°R28	20♊ 9	21°R15	13°R11	13♏24	13♐12	12♉17	S 1
S 2	14 38 37	11°16'51	21°36	26♈19	6°54	22°55	8♐49	4°23	18♐26	20°11	21♎13	13♏11	13°21	13°19	12°21	S 2
M 3	14 42 33	12°14'56	6♉18	26° 5	7°10	23°22	8°43	4°31	18°24	20°13	21°12	13°11	13°18	13°25	12°25	M 3
T 4	14 46 30	13°13'01	21°14	25°57	7°27	23°49	8°37	4°38	18°22	20°15	21°10	13°11	13°15	13°32	12°29	T 4
W 5	14 50 26	14°11'03	6♊15	25°D52	7°47	24°17	8°31	4°46	18°20	20°16	21° 9	13°11	13°12	13°39	12°34	W 5
T 6	14 54 23	15° 9'04	21°14	25°53	8° 8	24°43	8°25	4°54	18°19	20°18	21° 7	13°11	13° 8	13°45	12°38	T 6
F 7	14 58 19	16° 7'03	6♋ 1	25°58	8°31	25°10	8°18	5° 1	18°17	20°20	21° 6	13°10	13° 5	13°52	12°42	F 7
S 8	15 2 16	17° 5'00	20°31	26° 8	8°56	25°36	8°11	5° 9	18°15	20°22	21° 4	13°10	13° 2	13°59	12°46	S 8
S 9	15 6 12	18° 2'55	4♌41	26°23	9°22	26° 2	8° 5	5°16	18°13	20°24	21° 3	13°10	12°59	14° 5	12°50	S 9
M10	15 10 9	19° 0'49	18°28	26°42	9°50	26°28	7°58	5°24	18°11	20°26	21° 1	13°D10	12°56	14°12	12°55	M10
T 11	15 14 6	19°58'40	1♍53	27° 5	10°19	26°53	7°51	5°31	18° 9	20°28	21° 0	13°10	12°52	14°19	12°59	T 11
W12	15 18 2	20°56'30	14°58	27°33	10°50	27°18	7°44	5°39	18° 7	20°30	20°58	13°10	12°49	14°25	13° 3	W12
T 13	15 21 59	21°54'18	27°44	28° 5	11°22	27°43	7°37	5°46	18° 4	20°32	20°57	13°11	12°46	14°32	13° 7	T 13
F 14	15 25 55	22°52'04	10♎15	28°40	11°56	28° 7	7°30	5°54	18° 2	20°34	20°56	13°12	12°43	14°39	13°11	F 14
S 15	15 29 52	23°49'49	22°33	29°20	12°31	28°31	7°23	6° 1	18° 0	20°36	20°54	13°13	12°40	14°45	13°15	S 15
S 16	15 33 48	24°47'33	4♏41	0♉ 3	13° 7	28°55	7°16	6° 9	17°58	20°38	20°53	13°13	12°37	14°52	13°19	S 16
M17	15 37 45	25°45'14	16°41	0°51	13°44	29°18	7° 8	6°16	17°56	20°40	20°52	13°R13	12°33	14°59	13°24	M17
T 18	15 41 41	26°42'55	28°35	1°41	14°23	29°41	7° 1	6°24	17°54	20°42	20°50	13°13	12°30	15° 5	13°28	T 18
W19	15 45 38	27°40'34	10♐26	2°35	15° 2	0♒ 4	6°54	6°31	17°51	20°44	20°49	13°12	12°27	15°12	13°32	W19
T 20	15 49 35	28°38'12	22°15	3°32	15°43	0°26	6°46	6°38	17°49	20°46	20°48	13°10	12°24	15°19	13°36	T 20
F 21	15 53 31	29°35'49	4♑ 5	4°33	16°25	0°48	6°39	6°46	17°47	20°48	20°47	13° 7	12°21	15°25	13°40	F 21
S 22	15 57 28	0♊33'25	15°59	5°37	17° 7	1° 9	6°31	6°53	17°45	20°51	20°45	13° 5	12°18	15°32	13°44	S 22
S 23	16 1 24	1°31'00	27°59	6°43	17°51	1°30	6°24	7° 0	17°42	20°53	20°44	13° 2	12°14	15°39	13°48	S 23
M24	16 5 21	2°28'34	10♒ 9	7°53	18°36	1°51	6°16	7° 7	17°40	20°55	20°43	13° 0	12°11	15°45	13°52	M24
T 25	16 9 17	3°26'06	22°32	9° 5	19°21	2°11	6° 8	7°15	17°38	20°57	20°42	12°59	12° 8	15°52	13°56	T 25
W26	16 13 14	4°23'38	5♓13	10°21	20° 7	2°31	6° 1	7°22	17°35	20°59	20°41	12°D58	12° 5	15°59	14° 0	W26
T 27	16 17 10	5°21'09	18°15	11°39	20°55	2°50	5°53	7°29	17°33	21° 1	20°40	12°59	12° 2	16° 5	14° 4	T 27
F 28	16 21 7	6°18'40	1♈40	13° 0	21°42	3° 9	5°45	7°36	17°30	21° 3	20°39	13° 0	11°58	16°12	14° 8	F 28
S 29	16 25 4	7°16'09	15°32	14°24	22°31	3°27	5°38	7°43	17°28	21° 6	20°38	13° 2	11°55	16°19	14°12	S 29
S 30	16 29 0	8°13'38	29°50	15°50	23°20	3°45	5°30	7°50	17°26	21° 8	20°37	13° 3	11°52	16°25	14°16	S 30
M31	16 32 57	9♊11'06	14♉32	17♉19	24♈11	4♒ 2	5♐22	7♉57	17♐23	21♊10	20♎36	13°R 3	11♏49	16♐32	14♉20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14n56	5n44	3n 7	9n 9	1s13	4n25	1n55	22s58	1s24	20s56	0n53	10n53	2s12	23s 2	0s 3	21n49	1s17	8n 4	17n39	15s49	15s53	19s52	13n54	1s44	S 1
S 2	15 14	10 14	1 57	8 48	1 28	4 19	1 43	22 56	1 26	20 56	0 53	10 55	2 12	23 1	0 3	21 49	1 17	8 5	17 38	15 49	15 52	19 52	13 55	1 44	S 2
M 3	15 32	14 14	0 38	8 30	1 42	4 15	1 31	22 54	1 29	20 55	0 53	10 58	2 12	23 1	0 3	21 50	1 17	8 5	17 38	15 49	15 51	19 52	13 56	1 44	M 3
T 4	15 50	17 22	0s45	8 15	1 55	4 11	1 20	22 52	1 31	20 54	0 53	11 0	2 12	23 1	0 3	21 50	1 17	8 5	17 38	15 49	15 50	19 52	13 57	1 44	T 4
W 5	16 7	19 20	2 5	8 2	2 8	4 8	1 9	22 50	1 34	20 53	0 53	11 3	2 12	23 1	0 3	21 50	1 17	8 6	17 38	15 49	15 49	19 52	13 58	1 44	W 5
T 6	16 24	19 55	3 16	7 51	2 19	4 7	0 58	22 48	1 37	20 52	0 53	11 6	2 12	23 1	0 3	21 50	1 17	8 6	17 37	15 49	15 48	19 53	14 0	1 44	T 6
F 7	16 41	19 7	4 13	7 43	2 30	4 6	0 47	22 45	1 39	20 51	0 53	11 8	2 12	23 1	0 3	21 50	1 17	8 6	17 37	15 49	15 47	19 53	14 1	1 44	F 7
S 8	16 58	17 4	4 53	7 38	2 39	4 6	0 37	22 43	1 42	20 50	0 53	11 11	2 12	23 0	0 3	21 50	1 17	8 7	17 37	15 49	15 46	19 53	14 2	1 45	S 8
S 9	17 14	14 2	5 14	7 35	2 48	4 7	0 27	22 41	1 45	20 49	0 53	11 13	2 12	23 0	0 3	21 51	1 17	8 7	17 37	15 49	15 45	19 53	14 3	1 45	S 9
M10	17 30	10 18	5 16	7 34	2 56	4 9	0 17	22 39	1 48	20 48	0 53	11 15	2 12	23 0	0 3	21 51	1 17	8 7	17 36	15 49	15 44	19 53	14 4	1 45	M10
T 11	17 46	6 8	5 1	7 36	3 3	4 12	0 7	22 37	1 50	20 47	0 53	11 18	2 12	23 0	0 3	21 51	1 17	8 7	17 36	15 49	15 43	19 53	14 5	1 45	T 11
W12	18 1	1 47	4 30	7 41	3 9	4 16	0s 2	22 35	1 53	20 46	0 53	11 20	2 12	23 0	0 3	21 51	1 17	8 8	17 36	15 49	15 42	19 53	14 7	1 45	W12
T 13	18 16	2s34	3 47	7 47	3 14	4 20	0 11	22 33	1 56	20 45	0 53	11 23	2 12	23 0	0 3	21 51	1 17	8 8	17 35	15 49	15 42	19 53	14 8	1 45	T 13
F 14	18 31	6 43	2 53	7 56	3 18	4 26	0 19	22 31	1 59	20 43	0 53	11 25	2 13	22 59	0 3	21 51	1 17	8 8	17 35	15 49	15 41	19 53	14 9	1 45	F 14
S 15	18 45	10 31	1 52	8 7	3 21	4 32	0 28	22 29	2 2	20 42	0 53	11 28	2 13	22 59	0 4	21 52	1 17	8 8	17 35	15 50	15 40	19 53	14 10	1 45	S 15
S 16	19 0	13 50	0 47	8 20	3 24	4 38	0 36	22 27	2 5	20 41	0 53	11 30	2 13	22 59	0 4	21 52	1 17	8 8	17 34	15 50	15 39	19 53	14 11	1 45	S 16
M17	19 13	16 32	0n19	8 34	3 25	4 46	0 43	22 25	2 9	20 40	0 53	11 32	2 13	22 59	0 4	21 52	1 17	8 9	17 34	15 50	15 38	19 53	14 12	1 45	M17
T 18	19 27	18 30	1 24	8 51	3 26	4 54	0 51	22 23	2 12	20 39	0 52	11 35	2 13	22 59	0 4	21 52	1 17	8 9	17 34	15 50	15 37	19 53	14 13	1 46	T 18
W19	19 40	19 39	2 25	9 9	3 26	5 2	0 58	22 22	2 15	20 38	0 52	11 37	2 13	22 59	0 4	21 52	1 17	8 9	17 33	15 49	15 36	19 53	14 14	1 46	W19
T 20	19 53	19 55	3 20	9 29	3 25	5 12	1 5	22 20	2 18	20 37	0 52	11 40	2 13	22 58	0 4	21 52	1 17	8 9	17 33	15 49	15 35	19 53	14 16	1 46	T 20
F 21	20 6	19 19	4 6	9 51	3 24	5 21	1 12	22 19	2 22	20 35	0 52	11 42	2 13	22 58	0 4	21 53	1 17	8 9	17 33	15 48	15 34	19 53	14 17	1 46	F 21
S 22	20 18	17 52	4 41	10 14	3 22	5 32	1 18	22 17	2 25	20 34	0 52	11 44	2 13	22 58	0 4	21 53	1 17	8 9	17 32	15 47	15 33	19 53	14 18	1 46	S 22
S 23	20 30	15 37	5 5	10 39	3 19	5 43	1 24	22 16	2 28	20 33	0 52	11 46	2 13	22 58	0 4	21 53	1 17	8 9	17 32	15 46	15 32	19 53	14 19	1 46	S 23
M24	20 41	12 40	5 15	11 4	3 15	5 54	1 30	22 14	2 32	20 32	0 52	11 49	2 13	22 58	0 4	21 53	1 17	8 9	17 31	15 46	15 31	19 52	14 20	1 46	M24
T 25	20 52	9 7	5 11	11 31	3 11	6 6	1 36	22 13	2 35	20 31	0 52	11 51	2 13	22 57	0 4	21 53	1 17	8 9	17 31	15 45	15 30	19 52	14 21	1 46	T 25
W26	21 3	5 5	4 52	11 59	3 7	6 19	1 42	22 12	2 39	20 29	0 52	11 53	2 13	22 57	0 4	21 53	1 17	8 9	17 31	15 45	15 29	19 52	14 22	1 46	W26
T 27	21 13	0 42	4 18	12 29	3 1	6 31	1 47	22 11	2 42	20 28	0 52	11 55	2 13	22 57	0 4	21 54	1 17	8 9	17 30	15 45	15 28	19 52	14 23	1 47	T 27
F 28	21 23	3n51	3 29	12 59	2 55	6 45	1 52	22 10	2 46	20 27	0 52	11 58	2 13	22 57	0 4	21 54	1 17	8 9	17 30	15 46	15 27	19 52	14 24	1 47	F 28
S 29	21 33	8 22	2 26	13 30	2 49	6 58	1 57	22 9	2 50	20 26	0 51	12 0	2 13	22 56	0 4	21 54	1 17	8 9	17 29	15 46	15 26	19 52	14 25	1 47	S 29
S 30	21 43	12 33	1 12	14 1	2 42	7 12	2 1	22 9	2 53	20 25	0 51	12 2	2 14	22 56	0 4	21 54	1 17	8 9	17 29	15 47	15 25	19 52	14 26	1 47	S 30
M31	21n51	16n 5	0s 8	14n34	2s34	7n27	2s 6	22s 8	2s57	20s23	0n51	12n 4	2s14	22s56	0s 4	21n54	1s17	8n 9	17n28	15s47	15s24	19s52	14n27	1s47	M31

Julian Day Number = 2354510.5, Delta T = 11.96 sec
Ecliptic obliquity = 23°28'19, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'53, Lahiri = 20°08'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

JUNE 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 53	10♊ 8'34	29♉33	18♉51	25♈ 1	4♒19	5°R15	8♉ 4	17°R21	21♊12	20°R35	13°R 2	11♏46	16♐39	14♉24	T 1
W 2	16 40 50	11° 6'00	14♊44	20°25	25°53	4°35	5♐ 7	8°11	17♐18	21°14	20♎34	13♏ 0	11°43	16°45	14°28	W 2
T 3	16 44 46	12° 3'26	29°57	22° 2	26°45	4°51	5° 0	8°18	17°16	21°17	20°33	12°57	11°39	16°52	14°31	T 3
F 4	16 48 43	13° 0'50	15♋ 1	23°42	27°37	5° 6	4°52	8°25	17°13	21°19	20°32	12°53	11°36	16°59	14°35	F 4
S 5	16 52 40	13°58'14	29°47	25°24	28°30	5°21	4°45	8°31	17°11	21°21	20°31	12°49	11°33	17° 5	14°39	S 5
S 6	16 56 36	14°55'36	14♌10	27° 9	29°24	5°35	4°37	8°38	17° 9	21°23	20°30	12°45	11°30	17°12	14°43	S 6
M 7	17 0 33	15°52'58	28° 5	28°56	0♉18	5°48	4°30	8°45	17° 6	21°26	20°30	12°43	11°27	17°19	14°47	M 7
T 8	17 4 29	16°50'18	11♍33	0♊46	1°13	6° 1	4°22	8°51	17° 4	21°28	20°29	12°D41	11°24	17°25	14°50	T 8
W 9	17 8 26	17°47'37	24°36	2°38	2° 8	6°13	4°15	8°58	17° 1	21°30	20°28	12°41	11°20	17°32	14°54	W 9
T 10	17 12 22	18°44'56	7♎16	4°33	3° 4	6°25	4° 8	9° 5	16°59	21°32	20°27	12°42	11°17	17°39	14°58	T 10
F 11	17 16 19	19°42'13	19°38	6°30	4° 0	6°36	4° 1	9°11	16°56	21°35	20°27	12°44	11°14	17°45	15° 1	F 11
S 12	17 20 15	20°39'30	1♏46	8°29	4°56	6°46	3°54	9°18	16°54	21°37	20°26	12°45	11°11	17°52	15° 5	S 12
S 13	17 24 12	21°36'46	13°45	10°30	5°53	6°56	3°47	9°24	16°51	21°39	20°26	12°R46	11° 8	17°59	15° 8	S 13
M14	17 28 8	22°34'01	25°37	12°34	6°51	7° 5	3°40	9°30	16°49	21°41	20°25	12°45	11° 4	18° 5	15°12	M14
T 15	17 32 5	23°31'15	7♐27	14°39	7°49	7°14	3°33	9°37	16°46	21°43	20°24	12°42	11° 1	18°12	15°15	T 15
W16	17 36 2	24°28'29	19°16	16°46	8°47	7°21	3°26	9°43	16°44	21°46	20°24	12°38	10°58	18°19	15°19	W16
T 17	17 39 58	25°25'43	1♑ 7	18°54	9°45	7°29	3°20	9°49	16°42	21°48	20°23	12°31	10°55	18°25	15°22	T 17
F 18	17 43 55	26°22'56	13° 1	21° 4	10°44	7°35	3°13	9°55	16°39	21°50	20°23	12°24	10°52	18°32	15°26	F 18
S 19	17 47 51	27°20'08	25° 1	23°14	11°44	7°41	3° 7	10° 1	16°37	21°52	20°23	12°16	10°49	18°39	15°29	S 19
S 20	17 51 48	28°17'21	7♒ 8	25°25	12°43	7°46	3° 0	10° 7	16°34	21°55	20°22	12° 8	10°45	18°45	15°33	S 20
M21	17 55 44	29°14'33	19°24	27°36	13°43	7°50	2°54	10°13	16°32	21°57	20°22	12° 1	10°42	18°52	15°36	M21
T 22	17 59 41	0♋11'45	1♓51	29°47	14°44	7°53	2°48	10°19	16°30	21°59	20°22	11°55	10°39	18°59	15°39	T 22
W23	18 3 38	1° 8'57	14°33	1♋59	15°44	7°56	2°42	10°25	16°27	22° 1	20°21	11°52	10°36	19° 5	15°42	W23
T 24	18 7 34	2° 6'09	27°32	4° 9	16°45	7°58	2°36	10°31	16°25	22° 4	20°21	11°D50	10°33	19°12	15°46	T 24
F 25	18 11 31	3° 3'21	10♈52	6°19	17°47	7°59	2°30	10°36	16°23	22° 6	20°21	11°50	10°30	19°19	15°49	F 25
S 26	18 15 27	4° 0'34	24°34	8°28	18°48	8°R 0	2°25	10°42	16°20	22° 8	20°21	11°51	10°26	19°25	15°52	S 26
S 27	18 19 24	4°57'46	8♉41	10°36	19°50	7°59	2°19	10°48	16°18	22°10	20°21	11°R52	10°23	19°32	15°55	S 27
M28	18 23 20	5°54'59	23°11	12°43	20°52	7°58	2°14	10°53	16°16	22°12	20°20	11°52	10°20	19°39	15°58	M28
T 29	18 27 17	6°52'12	8♊ 3	14°48	21°55	7°56	2° 9	10°58	16°13	22°14	20°20	11°49	10°17	19°45	16° 1	T 29
W30	18 31 13	7♋49'25	23♊ 9	16♋51	22♉57	7♒54	2♐ 4	11♉ 4	16♐11	22♊17	20♎20	11♏45	10♏14	19♐52	16♉ 4	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	18n37	1s29	15n 7	2s26	7n41	2s10	22s 8	3s 1	20s22	0n51	12n 6	2s14	22s56	0s 4	21n54	1s17	8n 9	17n28	15s46	15s23	19s52	14n28	1s47
W 2	22 8	19 52	2 45	15 40	2 18	7 56	2 14	22 8	3 5	20 21	0 51	12 8	2 14	22 56	0 4	21 55	1 17	8 9	17 28	15 46	15 22	19 52	14 29	1 47
T 3	22 16	19 39	3 49	16 14	2 9	8 11	2 17	22 8	3 9	20 20	0 51	12 11	2 14	22 55	0 4	21 55	1 17	8 9	17 27	15 45	15 21	19 52	14 30	1 48
F 4	22 23	18 2	4 37	16 48	1 59	8 27	2 21	22 8	3 13	20 18	0 51	12 13	2 14	22 55	0 4	21 55	1 17	8 9	17 27	15 44	15 20	19 52	14 31	1 48
S 5	22 30	15 15	5 5	17 22	1 50	8 43	2 24	22 8	3 17	20 17	0 50	12 15	2 14	22 55	0 4	21 55	1 17	8 9	17 26	15 42	15 19	19 52	14 32	1 48
S 6	22 37	11 36	5 13	17 56	1 40	8 59	2 27	22 9	3 21	20 16	0 50	12 17	2 14	22 55	0 4	21 55	1 17	8 8	17 26	15 41	15 18	19 52	14 33	1 48
M 7	22 43	7 26	5 2	18 30	1 29	9 15	2 30	22 9	3 25	20 15	0 50	12 19	2 14	22 54	0 4	21 55	1 16	8 8	17 25	15 40	15 17	19 52	14 34	1 48
T 8	22 49	3 1	4 34	19 3	1 19	9 31	2 33	22 10	3 29	20 14	0 50	12 21	2 14	22 54	0 4	21 55	1 16	8 8	17 25	15 40	15 16	19 51	14 35	1 48
W 9	22 55	1s25	3 53	19 37	1 8	9 48	2 36	22 11	3 33	20 12	0 50	12 23	2 15	22 54	0 4	21 56	1 16	8 8	17 24	15 40	15 15	19 51	14 36	1 48
T 10	23 0	5 40	3 2	20 9	0 57	10 4	2 38	22 12	3 37	20 11	0 50	12 25	2 15	22 54	0 4	21 56	1 16	8 8	17 24	15 40	15 14	19 51	14 37	1 49
F 11	23 4	9 35	2 3	20 41	0 46	10 21	2 40	22 13	3 41	20 10	0 50	12 27	2 15	22 54	0 4	21 56	1 16	8 7	17 23	15 41	15 13	19 51	14 38	1 49
S 12	23 9	13 2	1 0	21 11	0 34	10 38	2 42	22 15	3 46	20 9	0 49	12 29	2 15	22 53	0 4	21 56	1 16	8 7	17 23	15 41	15 12	19 51	14 39	1 49
S 13	23 12	15 54	0n 5	21 40	0 23	10 55	2 44	22 16	3 50	20 8	0 49	12 31	2 15	22 53	0 4	21 56	1 16	8 7	17 22	15 41	15 11	19 51	14 40	1 49
M14	23 16	18 4	1 9	22 8	0 12	11 12	2 46	22 18	3 54	20 7	0 49	12 32	2 15	22 53	0 4	21 56	1 16	8 7	17 22	15 41	15 10	19 51	14 41	1 49
T 15	23 19	19 27	2 10	22 34	0 1	11 30	2 47	22 20	3 59	20 5	0 49	12 34	2 15	22 53	0 4	21 57	1 16	8 6	17 21	15 40	15 9	19 51	14 41	1 49
W16	23 21	19 58	3 5	22 59	0n10	11 47	2 49	22 22	4 3	20 4	0 49	12 36	2 15	22 52	0 4	21 57	1 16	8 6	17 21	15 39	15 8	19 51	14 42	1 49
T 17	23 24	19 36	3 52	23 21	0 21	12 4	2 50	22 25	4 8	20 3	0 49	12 38	2 16	22 52	0 4	21 57	1 16	8 6	17 20	15 37	15 7	19 50	14 43	1 50
F 18	23 25	18 22	4 29	23 41	0 31	12 21	2 51	22 27	4 12	20 2	0 48	12 40	2 16	22 52	0 4	21 57	1 16	8 5	17 19	15 35	15 6	19 50	14 44	1 50
S 19	23 27	16 20	4 54	23 59	0 41	12 39	2 52	22 30	4 16	20 1	0 48	12 41	2 16	22 52	0 4	21 57	1 16	8 5	17 19	15 32	15 5	19 50	14 45	1 50
S 20	23 28	13 34	5 7	24 14	0 50	12 56	2 53	22 33	4 21	20 0	0 48	12 43	2 16	22 51	0 4	21 57	1 16	8 5	17 18	15 30	15 4	19 50	14 46	1 50
M21	23 28	10 11	5 5	24 26	0 59	13 13	2 53	22 36	4 25	19 59	0 48	12 45	2 16	22 51	0 4	21 57	1 16	8 4	17 18	15 28	15 3	19 50	14 46	1 50
T 22	23 28	6 19	4 50	24 36	1 7	13 30	2 54	22 40	4 30	19 58	0 48	12 47	2 16	22 51	0 4	21 57	1 16	8 4	17 17	15 26	15 2	19 50	14 47	1 50
W23	23 28	2 6	4 20	24 42	1 15	13 48	2 54	22 43	4 34	19 57	0 47	12 48	2 16	22 51	0 4	21 58	1 16	8 3	17 17	15 25	15 1	19 50	14 48	1 51
T 24	23 27	2n19	3 36	24 46	1 22	14 5	2 54	22 47	4 39	19 56	0 47	12 50	2 17	22 51	0 4	21 58	1 16	8 3	17 16	15 24	15 0	19 49	14 49	1 51
F 25	23 26	6 44	2 39	24 47	1 28	14 22	2 54	22 51	4 44	19 55	0 47	12 51	2 17	22 50	0 4	21 58	1 16	8 3	17 16	15 24	14 59	19 49	14 50	1 51
S 26	23 25	10 57	1 32	24 46	1 34	14 39	2 54	22 56	4 48	19 54	0 47	12 53	2 17	22 50	0 4	21 58	1 16	8 2	17 15	15 25	14 58	19 49	14 50	1 51
S 27	23 23	14 41	0 17	24 41	1 39	14 55	2 54	23 0	4 53	19 53	0 47	12 55	2 17	22 50	0 4	21 58	1 16	8 2	17 14	15 25	14 57	19 49	14 51	1 51
M28	23 20	17 37	1s 1	24 34	1 43	15 12	2 54	23 5	4 57	19 53	0 46	12 56	2 17	22 50	0 4	21 58	1 16	8 1	17 14	15 25	14 56	19 49	14 52	1 51
T 29	23 18	19 27	2 16	24 25	1 46	15 28	2 53	23 9	5 2	19 52	0 46	12 58	2 17	22 49	0 4	21 58	1 16	8 1	17 13	15 24	14 55	19 49	14 52	1 52
W30	23n14	19n55	3s23	24n13	1n49	15n45	2s53	23s14	5s 6	19s51	0n46	12n59	2s18	22s49	0s 4	21n59	1s16	8n 0	17n13	15s23	14s54	19s48	14n53	1s52

Julian Day Number = 2354541.5, Delta T = 11.98 sec
Ecliptic obliquity = 23°28'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°01'57, Lahiri = 20°08'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

JULY 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 10	8♋46'38	8♋21	18♋53	24♉ 0	7°R50	1°R59	11♉ 9	16°R 9	22♊19	20°D20	11°R38	10♏10	19♐59	16♉ 7	T 1
F 2	18 39 7	9°43'51	23°29	20°53	25° 3	7♒46	1♐54	11°14	16♐ 7	22°21	20♎20	11♏29	10° 7	20° 6	16°10	F 2
S 3	18 43 3	10°41'04	8♌22	22°52	26° 7	7°41	1°50	11°20	16° 5	22°23	20°20	11°21	10° 4	20°12	16°13	S 3
S 4	18 47 0	11°38'16	22°52	24°48	27°10	7°36	1°45	11°25	16° 3	22°25	20°20	11°13	10° 1	20°19	16°16	S 4
M 5	18 50 56	12°35'29	6♍55	26°43	28°14	7°29	1°41	11°30	16° 0	22°27	20°21	11° 6	9°58	20°26	16°18	M 5
T 6	18 54 53	13°32'42	20°29	28°35	29°18	7°22	1°37	11°35	15°58	22°30	20°21	11° 1	9°55	20°32	16°21	T 6
W 7	18 58 49	14°29'54	3♎34	0♌26	0♊22	7°14	1°33	11°39	15°56	22°32	20°21	10°59	9°51	20°39	16°24	W 7
T 8	19 2 46	15°27'06	16°15	2°15	1°26	7° 6	1°29	11°44	15°54	22°34	20°21	10°D59	9°48	20°46	16°26	T 8
F 9	19 6 42	16°24'19	28°35	4° 2	2°31	6°57	1°25	11°49	15°52	22°36	20°21	10°59	9°45	20°52	16°29	F 9
S 10	19 10 39	17°21'31	10♏40	5°46	3°36	6°47	1°22	11°54	15°50	22°38	20°22	10°R59	9°42	20°59	16°31	S 10
S 11	19 14 36	18°18'44	22°35	7°29	4°41	6°37	1°19	11°58	15°48	22°40	20°22	10°59	9°39	21° 6	16°34	S 11
M12	19 18 32	19°15'56	4♐25	9°10	5°46	6°26	1°16	12° 3	15°46	22°42	20°22	10°56	9°36	21°12	16°36	M12
T 13	19 22 29	20°13'09	16°13	10°49	6°51	6°14	1°13	12° 7	15°44	22°44	20°23	10°51	9°32	21°19	16°39	T 13
W14	19 26 25	21°10'22	28° 4	12°27	7°57	6° 2	1°10	12°11	15°43	22°46	20°23	10°44	9°29	21°26	16°41	W14
T 15	19 30 22	22° 7'36	9♑59	14° 2	9° 3	5°49	1° 7	12°15	15°41	22°48	20°24	10°34	9°26	21°32	16°43	T 15
F 16	19 34 18	23° 4'50	22° 0	15°35	10° 9	5°36	1° 5	12°20	15°39	22°50	20°24	10°22	9°23	21°39	16°46	F 16
S 17	19 38 15	24° 2'04	4♒10	17° 6	11°15	5°22	1° 3	12°24	15°37	22°52	20°25	10° 9	9°20	21°46	16°48	S 17
S 18	19 42 11	24°59'19	16°28	18°36	12°21	5° 8	1° 1	12°28	15°36	22°54	20°25	9°57	9°16	21°52	16°50	S 18
M19	19 46 8	25°56'34	28°56	20° 3	13°27	4°54	0°59	12°32	15°34	22°56	20°26	9°46	9°13	21°59	16°52	M19
T 20	19 50 5	26°53'50	11♓35	21°28	14°34	4°39	0°57	12°35	15°32	22°58	20°27	9°37	9°10	22° 6	16°54	T 20
W21	19 54 1	27°51'07	24°26	22°52	15°40	4°24	0°56	12°39	15°31	23° 0	20°27	9°30	9° 7	22°12	16°56	W21
T 22	19 57 58	28°48'25	7♈30	24°13	16°47	4° 8	0°54	12°43	15°29	23° 2	20°28	9°27	9° 4	22°19	16°58	T 22
F 23	20 1 54	29°45'44	20°50	25°32	17°54	3°53	0°53	12°46	15°27	23° 4	20°29	9°25	9° 1	22°26	17° 0	F 23
S 24	20 5 51	0♌43'04	4♉27	26°49	19° 2	3°37	0°52	12°50	15°26	23° 6	20°29	9°25	8°57	22°32	17° 2	S 24
S 25	20 9 47	1°40'25	18°24	28° 4	20° 9	3°20	0°51	12°53	15°25	23° 7	20°30	9°25	8°54	22°39	17° 3	S 25
M26	20 13 44	2°37'47	2♊41	29°16	21°16	3° 4	0°51	12°56	15°23	23° 9	20°31	9°24	8°51	22°46	17° 5	M26
T 27	20 17 40	3°35'10	17°16	0♍26	22°24	2°48	0°50	12°59	15°22	23°11	20°32	9°20	8°48	22°53	17° 7	T 27
W28	20 21 37	4°32'35	2♋ 4	1°34	23°32	2°32	0°50	13° 3	15°20	23°13	20°33	9°14	8°45	22°59	17° 8	W28
T 29	20 25 34	5°30'00	17° 1	2°39	24°40	2°15	0°D50	13° 5	15°19	23°15	20°34	9° 5	8°42	23° 6	17°10	T 29
F 30	20 29 30	6°27'26	1♌57	3°42	25°48	1°59	0°50	13° 8	15°18	23°16	20°35	8°55	8°38	23°13	17°11	F 30
S 31	20 33 27	7♌24'53	16♌42	4♍42	26♊56	1♒43	0♐51	13♉11	15♐17	23♊18	20♎36	8♏43	8♏35	23♐19	17♉13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n11	18n57	4s16	23n58	1n51	16n 1	2s52	23s20	5s10	19s50	0n46	13n 1	2s18	22s49	0s 4	21n59	1s16	8n 0	17n12	15s21	14s53	19s48	14n54	1s52
F 2	23 7	16 40	4 50	23 41	1 52	16 17	2 51	23 25	5 15	19 50	0 46	13 2	2 18	22 49	0 4	21 59	1 16	7 59	17 12	15 18	14 52	19 48	14 54	1 52
S 3	23 2	13 18	5 5	23 23	1 53	16 33	2 51	23 30	5 19	19 49	0 45	13 4	2 18	22 49	0 4	21 59	1 16	7 58	17 11	15 15	14 51	19 48	14 55	1 52
S 4	22 58	9 12	4 59	23 2	1 52	16 48	2 50	23 36	5 24	19 48	0 45	13 5	2 18	22 48	0 4	21 59	1 16	7 58	17 10	15 13	14 50	19 48	14 56	1 52
M 5	22 52	4 44	4 35	22 40	1 51	17 3	2 48	23 42	5 28	19 47	0 45	13 6	2 18	22 48	0 4	21 59	1 16	7 57	17 10	15 11	14 49	19 47	14 56	1 53
T 6	22 47	0 10	3 56	22 16	1 50	17 18	2 47	23 48	5 32	19 47	0 45	13 8	2 19	22 48	0 4	21 59	1 16	7 57	17 9	15 9	14 48	19 47	14 57	1 53
W 7	22 41	4s16	3 6	21 50	1 48	17 33	2 46	23 54	5 36	19 46	0 45	13 9	2 19	22 48	0 4	21 59	1 16	7 56	17 9	15 9	14 47	19 47	14 57	1 53
T 8	22 35	8 22	2 8	21 23	1 45	17 48	2 44	24 0	5 40	19 46	0 44	13 10	2 19	22 47	0 4	21 59	1 16	7 56	17 8	15 8	14 46	19 47	14 58	1 53
F 9	22 28	12 1	1 6	20 55	1 42	18 2	2 43	24 6	5 44	19 45	0 44	13 11	2 19	22 47	0 4	22 0	1 16	7 55	17 8	15 9	14 45	19 47	14 59	1 53
S 10	22 21	15 4	0 2	20 26	1 38	18 16	2 41	24 12	5 48	19 45	0 44	13 13	2 19	22 47	0 4	22 0	1 16	7 54	17 7	15 9	14 44	19 46	14 59	1 54
S 11	22 13	17 27	1n 1	19 56	1 33	18 29	2 40	24 19	5 52	19 44	0 44	13 14	2 20	22 47	0 4	22 0	1 16	7 54	17 6	15 8	14 43	19 46	15 0	1 54
M12	22 5	19 4	2 1	19 24	1 28	18 42	2 38	24 25	5 55	19 44	0 43	13 15	2 20	22 47	0 4	22 0	1 16	7 53	17 6	15 8	14 42	19 46	15 0	1 54
T 13	21 57	19 51	2 56	18 52	1 23	18 55	2 36	24 32	5 59	19 43	0 43	13 16	2 20	22 47	0 4	22 0	1 16	7 52	17 5	15 6	14 41	19 46	15 1	1 54
W14	21 48	19 45	3 43	18 19	1 17	19 8	2 34	24 38	6 2	19 43	0 43	13 17	2 20	22 46	0 4	22 0	1 17	7 52	17 5	15 4	14 40	19 45	15 1	1 54
T 15	21 39	18 46	4 20	17 46	1 11	19 20	2 32	24 45	6 6	19 43	0 43	13 18	2 20	22 46	0 4	22 0	1 17	7 51	17 4	15 1	14 39	19 45	15 2	1 55
F 16	21 30	16 58	4 46	17 12	1 4	19 32	2 30	24 51	6 9	19 43	0 43	13 19	2 21	22 46	0 4	22 0	1 17	7 50	17 4	14 57	14 38	19 45	15 2	1 55
S 17	21 20	14 23	5 0	16 38	0 57	19 43	2 27	24 57	6 12	19 42	0 42	13 21	2 21	22 46	0 4	22 0	1 17	7 49	17 3	14 53	14 37	19 45	15 2	1 55
S 18	21 10	11 10	4 59	16 3	0 49	19 54	2 25	25 4	6 15	19 42	0 42	13 22	2 21	22 46	0 4	22 0	1 17	7 49	17 2	14 49	14 36	19 44	15 3	1 55
M19	20 59	7 24	4 45	15 28	0 41	20 5	2 23	25 10	6 18	19 42	0 42	13 22	2 21	22 45	0 4	22 1	1 17	7 48	17 2	14 45	14 35	19 44	15 3	1 55
T 20	20 48	3 17	4 16	14 53	0 32	20 15	2 20	25 16	6 20	19 42	0 42	13 23	2 21	22 45	0 4	22 1	1 17	7 47	17 1	14 43	14 34	19 44	15 4	1 56
W21	20 37	1n 4	3 34	14 17	0 24	20 25	2 18	25 23	6 23	19 42	0 41	13 24	2 22	22 45	0 4	22 1	1 17	7 46	17 1	14 41	14 33	19 44	15 4	1 56
T 22	20 26	5 26	2 40	13 42	0 15	20 34	2 15	25 29	6 25	19 42	0 41	13 25	2 22	22 45	0 4	22 1	1 17	7 46	17 0	14 39	14 32	19 43	15 4	1 56
F 23	20 14	9 38	1 37	13 7	0 5	20 43	2 13	25 35	6 27	19 42	0 41	13 26	2 22	22 45	0 4	22 1	1 17	7 45	17 0	14 39	14 31	19 43	15 5	1 56
S 24	20 1	13 26	0 26	12 31	0s 4	20 51	2 10	25 40	6 29	19 42	0 41	13 27	2 22	22 45	0 4	22 1	1 17	7 44	16 59	14 39	14 30	19 43	15 5	1 56
S 25	19 49	16 34	0s47	11 56	0 14	20 59	2 7	25 46	6 31	19 42	0 41	13 28	2 23	22 44	0 4	22 1	1 17	7 43	16 58	14 39	14 29	19 43	15 5	1 57
M26	19 36	18 46	2 0	11 22	0 25	21 7	2 4	25 51	6 33	19 42	0 40	13 28	2 23	22 44	0 4	22 1	1 17	7 42	16 58	14 39	14 28	19 42	15 5	1 57
T 27	19 23	19 47	3 6	10 47	0 35	21 14	2 2	25 57	6 34	19 42	0 40	13 29	2 23	22 44	0 4	22 1	1 17	7 42	16 57	14 37	14 27	19 42	15 6	1 57
W28	19 9	19 27	4 0	10 13	0 46	21 20	1 59	26 2	6 35	19 42	0 40	13 30	2 23	22 44	0 4	22 1	1 17	7 41	16 57	14 35	14 26	19 42	15 6	1 57
T 29	18 55	17 46	4 39	9 40	0 57	21 26	1 56	26 7	6 36	19 42	0 40	13 31	2 23	22 44	0 4	22 1	1 17	7 40	16 56	14 33	14 25	19 41	15 6	1 57
F 30	18 41	14 54	4 58	9 7	1 8	21 32	1 53	26 11	6 37	19 43	0 39	13 31	2 24	22 44	0 4	22 1	1 17	7 39	16 56	14 29	14 24	19 41	15 6	1 58
S 31	18n27	11n 7	4s58	8n34	1s19	21n36	1s50	26s16	6s38	19s43	0n39	13n32	2s24	22s44	0s 4	22n 1	1s17	7n38	16n55	14s26	14s23	19s41	15n 7	1s58

Julian Day Number = 2354571.5, Delta T = 12.00 sec
Ecliptic obliquity = 23°28'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'01, Lahiri = 20°09'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

AUGUST 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 23	8♌22'21	1♍ 9	5♍39	28♊ 4	1°R27	0♐51	13♉14	15°R16	23♊20	20♎37	8°R33	8♏32	23♐26	17♉14	S 1
M 2	20 41 20	9°19'50	15°12	6°34	29°12	1♒11	0°52	13°16	15♐14	23°21	20°38	8♏24	8°29	23°33	17°15	M 2
T 3	20 45 16	10°17'20	28°47	7°25	0♋21	0°56	0°53	13°19	15°13	23°23	20°39	8°17	8°26	23°39	17°17	T 3
W 4	20 49 13	11°14'50	11♎55	8°13	1°29	0°41	0°54	13°21	15°12	23°25	20°40	8°13	8°22	23°46	17°18	W 4
T 5	20 53 9	12°12'22	24°38	8°57	2°38	0°26	0°55	13°24	15°11	23°26	20°41	8°11	8°19	23°53	17°19	T 5
F 6	20 57 6	13° 9'54	7♏ 0	9°38	3°47	0°12	0°56	13°26	15°10	23°28	20°42	8°11	8°16	23°59	17°20	F 6
S 7	21 1 3	14° 7'27	19° 5	10°15	4°56	29♑58	0°58	13°28	15°10	23°30	20°44	8°11	8°13	24° 6	17°21	S 7
S 8	21 4 59	15° 5'01	1♐ 1	10°48	6° 5	29°44	1° 0	13°30	15° 9	23°31	20°45	8°10	8°10	24°13	17°22	S 8
M 9	21 8 56	16° 2'36	12°51	11°18	7°14	29°32	1° 2	13°32	15° 8	23°33	20°46	8° 7	8° 7	24°19	17°23	M 9
T 10	21 12 52	17° 0'12	24°41	11°42	8°23	29°19	1° 4	13°34	15° 7	23°34	20°47	8° 3	8° 3	24°26	17°24	T 10
W11	21 16 49	17°57'49	6♑34	12° 2	9°33	29° 7	1° 6	13°35	15° 6	23°36	20°49	7°55	8° 0	24°33	17°25	W11
T 12	21 20 45	18°55'27	18°35	12°17	10°42	28°56	1° 9	13°37	15° 6	23°37	20°50	7°45	7°57	24°40	17°25	T 12
F 13	21 24 42	19°53'06	0♒45	12°27	11°52	28°46	1°12	13°38	15° 5	23°38	20°52	7°33	7°54	24°46	17°26	F 13
S 14	21 28 38	20°50'46	13° 7	12°R32	13° 2	28°36	1°14	13°40	15° 5	23°40	20°53	7°20	7°51	24°53	17°26	S 14
S 15	21 32 35	21°48'28	25°40	12°32	14°12	28°27	1°17	13°41	15° 4	23°41	20°54	7° 8	7°47	25° 0	17°27	S 15
M16	21 36 32	22°46'11	8♓25	12°26	15°21	28°18	1°21	13°42	15° 4	23°43	20°56	6°56	7°44	25° 6	17°27	M16
T 17	21 40 28	23°43'55	21°22	12°14	16°32	28°10	1°24	13°43	15° 3	23°44	20°57	6°47	7°41	25°13	17°28	T 17
W18	21 44 25	24°41'41	4♈30	11°56	17°42	28° 3	1°28	13°44	15° 3	23°45	20°59	6°41	7°38	25°20	17°28	W18
T 19	21 48 21	25°39'29	17°49	11°33	18°52	27°57	1°31	13°45	15° 3	23°46	21° 0	6°37	7°35	25°26	17°28	T 19
F 20	21 52 18	26°37'18	1♉19	11° 3	20° 2	27°51	1°35	13°46	15° 2	23°48	21° 2	6°D36	7°32	25°33	17°29	F 20
S 21	21 56 14	27°35'09	15° 1	10°29	21°13	27°47	1°39	13°46	15° 2	23°49	21° 4	6°36	7°28	25°40	17°29	S 21
S 22	22 0 11	28°33'02	28°56	9°49	22°23	27°43	1°44	13°47	15° 2	23°50	21° 5	6°R36	7°25	25°46	17°29	S 22
M23	22 4 7	29°30'57	13♊ 3	9° 4	23°34	27°39	1°48	13°47	15° 2	23°51	21° 7	6°36	7°22	25°53	17°R29	M23
T 24	22 8 4	0♍28'54	27°22	8°16	24°45	27°37	1°52	13°48	15°D 2	23°52	21° 9	6°33	7°19	26° 0	17°29	T 24
W25	22 12 1	1°26'52	11♋50	7°24	25°56	27°35	1°57	13°48	15° 2	23°53	21°10	6°28	7°16	26° 6	17°29	W25
T 26	22 15 57	2°24'52	26°23	6°29	27° 7	27°D35	2° 2	13°R48	15° 2	23°55	21°12	6°21	7°13	26°13	17°29	T 26
F 27	22 19 54	3°22'55	10♌55	5°33	28°18	27°35	2° 7	13°48	15° 2	23°56	21°14	6°11	7° 9	26°20	17°28	F 27
S 28	22 23 50	4°20'58	25°20	4°37	29°29	27°35	2°12	13°48	15° 2	23°57	21°16	6° 2	7° 6	26°27	17°28	S 28
S 29	22 27 47	5°19'04	9♍30	3°41	0♌40	27°37	2°18	13°48	15° 2	23°58	21°17	5°52	7° 3	26°33	17°28	S 29
M30	22 31 43	6°17'11	23°21	2°47	1°51	27°40	2°23	13°47	15° 3	23°58	21°19	5°44	7° 0	26°40	17°27	M30
T 31	22 35 40	7♍15'20	6♎49	1♍57	3♌ 3	27♑43	2♐29	13♉47	15♐ 3	23♊59	21♎21	5♏39	6♏57	26♐47	17♉27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n12	6n45	4s38	8n 3	1s30	21n41	1s47	26s20	6s38	19s43	0n39	13n32	2s24	22s44	0s 4	22n 1	1s17	7n37	16n55	14s22	14s22	19s41	15n 7	1s58
M 2	17 57	2 8	4 1	7 32	1 42	21 45	1 44	26 24	6 39	19 44	0 39	13 33	2 24	22 43	0 4	22 2	1 17	7 36	16 54	14 19	14 21	19 40	15 7	1 58
T 3	17 41	2s27	3 12	7 3	1 53	21 48	1 40	26 27	6 39	19 44	0 39	13 34	2 25	22 43	0 4	22 2	1 17	7 36	16 53	14 17	14 20	19 40	15 7	1 59
W 4	17 26	6 47	2 14	6 34	2 5	21 51	1 37	26 31	6 39	19 44	0 38	13 34	2 25	22 43	0 4	22 2	1 17	7 35	16 53	14 16	14 19	19 40	15 7	1 59
T 5	17 10	10 39	1 11	6 7	2 17	21 53	1 34	26 34	6 38	19 45	0 38	13 34	2 25	22 43	0 4	22 2	1 17	7 34	16 52	14 15	14 18	19 39	15 7	1 59
F 6	16 53	13 58	0 6	5 41	2 28	21 54	1 31	26 36	6 38	19 45	0 38	13 35	2 25	22 43	0 4	22 2	1 17	7 33	16 52	14 15	14 17	19 39	15 7	1 59
S 7	16 37	16 36	0n58	5 16	2 40	21 55	1 27	26 39	6 37	19 46	0 38	13 35	2 25	22 43	0 4	22 2	1 17	7 32	16 51	14 15	14 16	19 39	15 8	1 59
S 8	16 20	18 28	1 58	4 53	2 51	21 56	1 24	26 41	6 36	19 47	0 37	13 36	2 26	22 43	0 4	22 2	1 17	7 31	16 51	14 15	14 15	19 38	15 8	2 0
M 9	16 3	19 31	2 53	4 32	3 2	21 56	1 21	26 43	6 35	19 47	0 37	13 36	2 26	22 43	0 4	22 2	1 17	7 30	16 50	14 14	14 14	19 38	15 8	2 0
T 10	15 46	19 42	3 40	4 12	3 14	21 55	1 17	26 44	6 34	19 48	0 37	13 36	2 26	22 43	0 4	22 2	1 17	7 29	16 50	14 12	14 13	19 38	15 8	2 0
W11	15 28	19 1	4 18	3 54	3 24	21 54	1 14	26 45	6 33	19 49	0 37	13 37	2 26	22 43	0 4	22 2	1 17	7 28	16 49	14 10	14 12	19 37	15 8	2 0
T 12	15 10	17 29	4 44	3 39	3 35	21 52	1 11	26 46	6 31	19 49	0 37	13 37	2 27	22 43	0 4	22 2	1 17	7 27	16 49	14 7	14 11	19 37	15 8	2 1
F 13	14 52	15 9	4 59	3 26	3 45	21 49	1 7	26 47	6 29	19 50	0 36	13 37	2 27	22 42	0 4	22 2	1 17	7 26	16 48	14 3	14 10	19 37	15 8	2 1
S 14	14 34	12 7	4 59	3 15	3 54	21 46	1 4	26 47	6 28	19 51	0 36	13 37	2 27	22 42	0 4	22 2	1 17	7 25	16 48	13 59	14 9	19 36	15 8	2 1
S 15	14 15	8 30	4 46	3 7	4 3	21 43	1 0	26 47	6 26	19 52	0 36	13 37	2 27	22 42	0 4	22 2	1 17	7 24	16 47	13 55	14 8	19 36	15 7	2 1
M16	13 57	4 27	4 17	3 2	4 11	21 39	0 57	26 47	6 24	19 53	0 36	13 37	2 28	22 42	0 4	22 2	1 17	7 23	16 47	13 51	14 7	19 36	15 7	2 1
T 17	13 38	0 8	3 35	3 0	4 18	21 34	0 54	26 47	6 21	19 53	0 35	13 38	2 28	22 42	0 4	22 2	1 17	7 22	16 46	13 48	14 6	19 35	15 7	2 2
W18	13 18	4n16	2 42	3 1	4 24	21 28	0 50	26 46	6 19	19 54	0 35	13 38	2 28	22 42	0 4	22 2	1 17	7 21	16 46	13 46	14 5	19 35	15 7	2 2
T 19	12 59	8 30	1 38	3 5	4 29	21 22	0 47	26 45	6 17	19 55	0 35	13 38	2 28	22 42	0 4	22 2	1 17	7 20	16 45	13 45	14 3	19 35	15 7	2 2
F 20	12 39	12 23	0 28	3 13	4 33	21 16	0 43	26 43	6 14	19 56	0 35	13 38	2 29	22 42	0 4	22 2	1 17	7 19	16 45	13 44	14 2	19 34	15 7	2 2
S 21	12 20	15 39	0s45	3 24	4 36	21 8	0 40	26 42	6 11	19 57	0 35	13 38	2 29	22 42	0 4	22 2	1 17	7 18	16 45	13 44	14 1	19 34	15 7	2 3
S 22	12 0	18 4	1 56	3 38	4 36	21 1	0 36	26 40	6 9	19 58	0 34	13 38	2 29	22 42	0 4	22 2	1 17	7 17	16 44	13 44	14 0	19 33	15 6	2 3
M23	11 39	19 24	3 1	3 55	4 35	20 52	0 33	26 38	6 6	19 59	0 34	13 37	2 29	22 42	0 4	22 2	1 17	7 16	16 44	13 44	13 59	19 33	15 6	2 3
T 24	11 19	19 31	3 56	4 16	4 32	20 43	0 30	26 35	6 3	20 1	0 34	13 37	2 30	22 42	0 4	22 2	1 17	7 15	16 43	13 43	13 58	19 33	15 6	2 3
W25	10 58	18 21	4 36	4 40	4 28	20 34	0 26	26 33	6 0	20 2	0 34	13 37	2 30	22 42	0 4	22 2	1 17	7 14	16 43	13 42	13 57	19 32	15 6	2 3
T 26	10 38	16 0	4 59	5 6	4 21	20 23	0 23	26 30	5 57	20 3	0 34	13 37	2 30	22 42	0 4	22 2	1 18	7 13	16 42	13 39	13 56	19 32	15 6	2 4
F 27	10 17	12 40	5 3	5 34	4 13	20 13	0 20	26 27	5 53	20 4	0 33	13 37	2 30	22 42	0 4	22 2	1 18	7 12	16 42	13 36	13 55	19 31	15 5	2 4
S 28	9 56	8 35	4 47	6 4	4 2	20 1	0 16	26 23	5 50	20 5	0 33	13 36	2 30	22 42	0 4	22 2	1 18	7 11	16 42	13 33	13 54	19 31	15 5	2 4
S 29	9 34	4 6	4 13	6 36	3 50	19 50	0 13	26 20	5 47	20 7	0 33	13 36	2 31	22 42	0 4	22 2	1 18	7 10	16 41	13 30	13 53	19 31	15 5	2 4
M30	9 13	0s30	3 26	7 8	3 36	19 37	0 10	26 16	5 43	20 8	0 33	13 36	2 31	22 42	0 4	22 2	1 18	7 9	16 41	13 27	13 52	19 30	15 4	2 5
T 31	8n51	4s58	2s28	7n40	3s21	19n24	0s 6	26s12	5s40	20s 9	0n33	13n35	2s31	22s42	0s 4	22n 2	1s18	7n 8	16n40	13s25	13s51	19s30	15n 4	2s 5

Julian Day Number = 2354602.5, Delta T = 12.02 sec
Ecliptic obliquity = 23°28'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'06, Lahiri = 20°09'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

SEPTEMBER 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 36	8♍13'30	19♎54	1°R11	4♌14	27♉47	2♐35	13°R46	15♐ 3	24♊ 0	21♎23	5°R35	6♏53	26♐53	17°R26	W 1
T 2	22 43 33	9°11'42	2♏36	0♍30	5°26	27°52	2°41	13♉46	15° 4	24° 1	21°25	5°D34	6°50	27° 0	17♉26	T 2
F 3	22 47 29	10° 9'55	14°59	29♌56	6°37	27°58	2°47	13°45	15° 4	24° 2	21°27	5♏34	6°47	27° 7	17°25	F 3
S 4	22 51 26	11° 8'10	27° 6	29°30	7°49	28° 4	2°53	13°44	15° 5	24° 3	21°29	5°35	6°44	27°13	17°24	S 4
S 5	22 55 23	12° 6'27	9♐ 3	29°11	9° 1	28°12	3° 0	13°43	15° 5	24° 3	21°31	5°R36	6°41	27°20	17°24	S 5
M 6	22 59 19	13° 4'45	20°54	29° 1	10°13	28°20	3° 6	13°42	15° 6	24° 4	21°33	5°36	6°38	27°27	17°23	M 6
T 7	23 3 16	14° 3'04	2♑45	29°D 0	11°24	28°29	3°13	13°41	15° 7	24° 5	21°35	5°34	6°34	27°33	17°22	T 7
W 8	23 7 12	15° 1'26	14°41	29° 8	12°36	28°38	3°20	13°40	15° 7	24° 6	21°37	5°29	6°31	27°40	17°21	W 8
T 9	23 11 9	15°59'48	26°46	29°25	13°49	28°49	3°27	13°38	15° 8	24° 6	21°39	5°23	6°28	27°47	17°20	T 9
F 10	23 15 5	16°58'13	9♒ 3	29°51	15° 1	29° 0	3°34	13°37	15° 9	24° 7	21°41	5°16	6°25	27°53	17°19	F 10
S 11	23 19 2	17°56'39	21°35	0♍26	16°13	29°12	3°41	13°35	15°10	24° 7	21°43	5° 7	6°22	28° 0	17°18	S 11
S 12	23 22 58	18°55'07	4♓22	1°10	17°25	29°25	3°49	13°33	15°11	24° 8	21°45	4°59	6°19	28° 7	17°16	S 12
M13	23 26 55	19°53'36	17°26	2° 2	18°38	29°38	3°56	13°32	15°12	24° 8	21°47	4°52	6°15	28°14	17°15	M13
T 14	23 30 52	20°52'08	0♈44	3° 1	19°50	29°52	4° 4	13°30	15°13	24° 9	21°49	4°46	6°12	28°20	17°14	T 14
W15	23 34 48	21°50'42	14°15	4° 8	21° 3	0♒ 6	4°12	13°28	15°14	24° 9	21°51	4°42	6° 9	28°27	17°12	W15
T 16	23 38 45	22°49'17	27°57	5°21	22°15	0°22	4°20	13°26	15°15	24°10	21°53	4°40	6° 6	28°34	17°11	T 16
F 17	23 42 41	23°47'55	11♉49	6°40	23°28	0°38	4°28	13°23	15°16	24°10	21°56	4°D40	6° 3	28°40	17°10	F 17
S 18	23 46 38	24°46'35	25°48	8° 4	24°41	0°54	4°36	13°21	15°17	24°10	21°58	4°41	5°59	28°47	17° 8	S 18
S 19	23 50 34	25°45'17	9♊52	9°33	25°54	1°11	4°44	13°19	15°19	24°11	22° 0	4°43	5°56	28°54	17° 6	S 19
M20	23 54 31	26°44'02	24° 0	11° 6	27° 7	1°29	4°53	13°16	15°20	24°11	22° 2	4°R43	5°53	29° 0	17° 5	M20
T 21	23 58 27	27°42'49	8♋11	12°42	28°20	1°47	5° 1	13°14	15°21	24°11	22° 4	4°43	5°50	29° 7	17° 3	T 21
W22	0 2 24	28°41'38	22°23	14°21	29°33	2° 6	5°10	13°11	15°23	24°11	22° 7	4°41	5°47	29°14	17° 1	W22
T 23	0 6 21	29°40'30	6♌33	16° 3	0♍46	2°26	5°19	13° 8	15°24	24°12	22° 9	4°38	5°44	29°21	16°59	T 23
F 24	0 10 17	0♎39'23	20°39	17°47	1°59	2°46	5°28	13° 6	15°26	24°12	22°11	4°33	5°40	29°27	16°58	F 24
S 25	0 14 14	1°38'19	4♍35	19°32	3°12	3° 6	5°37	13° 3	15°27	24°12	22°14	4°28	5°37	29°34	16°56	S 25
S 26	0 18 10	2°37'17	18°20	21°18	4°26	3°28	5°46	13° 0	15°29	24°12	22°16	4°23	5°34	29°41	16°54	S 26
M27	0 22 7	3°36'17	1♎49	23° 5	5°39	3°49	5°55	12°56	15°30	24°R12	22°18	4°18	5°31	29°47	16°52	M27
T 28	0 26 3	4°35'20	15° 1	24°52	6°52	4°12	6° 5	12°53	15°32	24°12	22°20	4°15	5°28	29°54	16°50	T 28
W29	0 30 0	5°34'24	27°55	26°40	8° 6	4°34	6°14	12°50	15°34	24°12	22°23	4°14	5°24	0♑ 1	16°47	W29
T 30	0 33 56	6♎33'30	10♏31	28♍28	9♍19	4♒58	6♐24	12♉47	15♐36	24♊12	22♎25	4°D14	5♏21	0♑ 7	16♉45	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n30	9s 4	1s23	8n12	3s 4	19n11	0s 3	26s 8	5s37	20s10	0n32	13n35	2s31	22s42	0s 4	22n 2	1s18	7n 7	16n40	13s24	13s50	19s29	15n 4	2s 5
T 2	8 8	12 38	0 16	8 43	2 46	18 56	0n 0	26 3	5 33	20 12	0 32	13 35	2 32	22 42	0 4	22 3	1 18	7 6	16 40	13 24	13 49	19 29	15 3	2 5
F 3	7 46	15 33	0n50	9 12	2 28	18 42	0 3	25 58	5 29	20 13	0 32	13 34	2 32	22 42	0 4	22 3	1 18	7 5	16 39	13 24	13 48	19 29	15 3	2 5
S 4	7 24	17 42	1 53	9 39	2 9	18 27	0 6	25 54	5 26	20 15	0 32	13 34	2 32	22 43	0 4	22 3	1 18	7 4	16 39	13 24	13 47	19 28	15 2	2 6
S 5	7 2	19 2	2 50	10 4	1 50	18 11	0 10	25 48	5 22	20 16	0 32	13 33	2 32	22 43	0 4	22 3	1 18	7 3	16 39	13 24	13 46	19 28	15 2	2 6
M 6	6 39	19 31	3 39	10 25	1 30	17 55	0 13	25 43	5 19	20 18	0 31	13 33	2 33	22 43	0 4	22 2	1 18	7 2	16 38	13 24	13 45	19 27	15 2	2 6
T 7	6 17	19 8	4 19	10 43	1 11	17 38	0 16	25 38	5 15	20 19	0 31	13 32	2 33	22 43	0 4	22 2	1 18	7 1	16 38	13 24	13 44	19 27	15 1	2 6
W 8	5 54	17 54	4 48	10 58	0 53	17 21	0 19	25 32	5 11	20 20	0 31	13 32	2 33	22 43	0 4	22 2	1 18	7 0	16 38	13 22	13 43	19 26	15 1	2 7
T 9	5 32	15 51	5 4	11 9	0 35	17 3	0 22	25 26	5 8	20 22	0 31	13 31	2 33	22 43	0 4	22 2	1 18	6 59	16 37	13 20	13 42	19 26	15 0	2 7
F 10	5 9	13 5	5 7	11 16	0 17	16 45	0 25	25 20	5 4	20 24	0 31	13 30	2 33	22 43	0 4	22 2	1 18	6 58	16 37	13 18	13 41	19 26	15 0	2 7
S 11	4 46	9 40	4 55	11 19	0 1	16 26	0 28	25 14	5 0	20 25	0 31	13 30	2 34	22 43	0 4	22 2	1 18	6 57	16 37	13 15	13 40	19 25	14 59	2 7
S 12	4 23	5 45	4 28	11 18	0n15	16 7	0 30	25 8	4 56	20 27	0 30	13 29	2 34	22 43	0 4	22 2	1 18	6 56	16 36	13 12	13 38	19 25	14 59	2 7
M13	4 0	1 29	3 47	11 13	0 29	15 47	0 33	25 1	4 53	20 28	0 30	13 28	2 34	22 43	0 4	22 2	1 18	6 55	16 36	13 10	13 37	19 24	14 58	2 8
T 14	3 37	2n56	2 53	11 4	0 43	15 27	0 36	24 55	4 49	20 30	0 30	13 27	2 34	22 43	0 4	22 2	1 18	6 54	16 36	13 8	13 36	19 24	14 57	2 8
W15	3 14	7 18	1 48	10 51	0 55	15 7	0 39	24 48	4 45	20 31	0 30	13 27	2 34	22 44	0 4	22 2	1 18	6 53	16 35	13 6	13 35	19 23	14 57	2 8
T 16	2 51	11 20	0 36	10 35	1 6	14 46	0 41	24 41	4 42	20 33	0 30	13 26	2 35	22 44	0 4	22 2	1 18	6 52	16 35	13 6	13 34	19 23	14 56	2 8
F 17	2 28	14 47	0s39	10 15	1 15	14 24	0 44	24 34	4 38	20 35	0 29	13 25	2 35	22 44	0 4	22 2	1 18	6 51	16 35	13 6	13 33	19 22	14 56	2 8
S 18	2 5	17 25	1 52	9 51	1 24	14 2	0 46	24 27	4 34	20 36	0 29	13 24	2 35	22 44	0 5	22 2	1 18	6 50	16 35	13 6	13 32	19 22	14 55	2 9
S 19	1 41	19 0	3 0	9 24	1 31	13 40	0 49	24 19	4 31	20 38	0 29	13 23	2 35	22 44	0 5	22 2	1 18	6 49	16 34	13 7	13 31	19 21	14 54	2 9
M20	1 18	19 24	3 56	8 55	1 37	13 18	0 51	24 11	4 27	20 40	0 29	13 22	2 35	22 44	0 5	22 2	1 18	6 48	16 34	13 7	13 30	19 21	14 54	2 9
T 21	0 55	18 35	4 39	8 23	1 42	12 55	0 54	24 4	4 23	20 42	0 29	13 21	2 36	22 44	0 5	22 2	1 18	6 47	16 34	13 7	13 29	19 20	14 53	2 9
W22	0 31	16 36	5 4	7 48	1 46	12 31	0 56	23 56	4 20	20 43	0 29	13 20	2 36	22 45	0 5	22 2	1 18	6 46	16 34	13 6	13 28	19 20	14 52	2 10
T 23	0 8	13 38	5 11	7 11	1 49	12 7	0 58	23 48	4 16	20 45	0 28	13 19	2 36	22 45	0 5	22 2	1 19	6 45	16 33	13 5	13 27	19 19	14 52	2 10
F 24	0s16	9 54	4 59	6 33	1 51	11 43	1 0	23 40	4 12	20 47	0 28	13 18	2 36	22 45	0 5	22 2	1 19	6 44	16 33	13 3	13 26	19 19	14 51	2 10
S 25	0 39	5 39	4 30	5 53	1 53	11 19	1 3	23 31	4 9	20 49	0 28	13 17	2 36	22 45	0 5	22 2	1 19	6 43	16 33	13 1	13 25	19 18	14 50	2 10
S 26	1 3	1 10	3 45	5 11	1 53	10 54	1 5	23 23	4 5	20 50	0 28	13 16	2 36	22 45	0 5	22 2	1 19	6 42	16 33	13 0	13 24	19 18	14 49	2 10
M27	1 26	3s18	2 48	4 28	1 53	10 29	1 7	23 14	4 2	20 52	0 28	13 15	2 37	22 45	0 5	22 2	1 19	6 41	16 33	12 58	13 23	19 17	14 49	2 11
T 28	1 50	7 31	1 43	3 45	1 51	10 4	1 9	23 5	3 58	20 54	0 28	13 14	2 37	22 46	0 5	22 2	1 19	6 40	16 32	12 57	13 22	19 17	14 48	2 11
W29	2 13	11 17	0 35	3 0	1 50	9 38	1 10	22 56	3 54	20 56	0 27	13 13	2 37	22 46	0 5	22 2	1 19	6 39	16 32	12 57	13 21	19 16	14 47	2 11
T 30	2s36	14s27	0n34	2n15	1n47	9n12	1n12	22s47	3s51	20s58	0n27	13n12	2s37	22s46	0s 5	22n 2	1s19	6n38	16n32	12s57	13s19	19s16	14n46	2s11

Julian Day Number = 2354633.5, Delta T = 12.03 sec
Ecliptic obliquity = 23°28'19, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'10, Lahiri = 20°09'10Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

OCTOBER 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 53	7♎32'38	22♏50	0♎16	10♍33	5♒21	6♐34	12°R43	15♐38	24°R12	22♎27	4♏15	5♏18	0♑14	16°R43	F 1
S 2	0 41 49	8°31'48	4♐57	2° 3	11°47	5°46	6°44	12♉40	15°39	24♊12	22°30	4°17	5°15	0°21	16♉41	S 2
S 3	0 45 46	9°31'00	16°54	3°51	13° 0	6°10	6°54	12°36	15°41	24°11	22°32	4°18	5°12	0°27	16°38	S 3
M 4	0 49 43	10°30'14	28°46	5°37	14°14	6°35	7° 4	12°32	15°43	24°11	22°35	4°20	5° 9	0°34	16°36	M 4
T 5	0 53 39	11°29'29	10♑37	7°24	15°28	7° 1	7°14	12°29	15°45	24°11	22°37	4°R20	5° 5	0°41	16°34	T 5
W 6	0 57 36	12°28'46	22°33	9° 9	16°42	7°27	7°24	12°25	15°47	24°11	22°39	4°20	5° 2	0°48	16°31	W 6
T 7	1 1 32	13°28'05	4♒39	10°54	17°56	7°53	7°34	12°21	15°50	24°10	22°42	4°19	4°59	0°54	16°29	T 7
F 8	1 5 29	14°27'26	16°58	12°39	19°10	8°20	7°45	12°17	15°52	24°10	22°44	4°16	4°56	1° 1	16°26	F 8
S 9	1 9 25	15°26'49	29°34	14°23	20°24	8°47	7°55	12°13	15°54	24°10	22°46	4°14	4°53	1° 8	16°24	S 9
S 10	1 13 22	16°26'13	12♓29	16° 6	21°38	9°15	8° 6	12° 9	15°56	24° 9	22°49	4°11	4°50	1°14	16°21	S 10
M11	1 17 18	17°25'40	25°45	17°48	22°52	9°43	8°17	12° 5	15°58	24° 9	22°51	4° 8	4°46	1°21	16°18	M11
T 12	1 21 15	18°25'08	9♈21	19°30	24° 6	10°11	8°28	12° 1	16° 1	24° 8	22°54	4° 7	4°43	1°28	16°16	T 12
W13	1 25 12	19°24'38	23°16	21°11	25°20	10°40	8°39	11°56	16° 3	24° 8	22°56	4° 6	4°40	1°34	16°13	W13
T 14	1 29 8	20°24'10	7♉25	22°51	26°35	11° 9	8°50	11°52	16° 5	24° 7	22°58	4°D 5	4°37	1°41	16°10	T 14
F 15	1 33 5	21°23'45	21°44	24°31	27°49	11°38	9° 1	11°48	16° 8	24° 7	23° 1	4° 6	4°34	1°48	16° 8	F 15
S 16	1 37 1	22°23'22	6♊ 9	26°10	29° 3	12° 8	9°12	11°43	16°10	24° 6	23° 3	4° 7	4°30	1°55	16° 5	S 16
S 17	1 40 58	23°23'01	20°35	27°49	0♎18	12°38	9°23	11°39	16°13	24° 6	23° 6	4° 8	4°27	2° 1	16° 2	S 17
M18	1 44 54	24°22'42	4♋57	29°26	1°32	13° 8	9°34	11°34	16°15	24° 5	23° 8	4° 8	4°24	2° 8	15°59	M18
T 19	1 48 51	25°22'26	19°13	1♏ 4	2°46	13°39	9°46	11°30	16°18	24° 4	23°11	4°R 9	4°21	2°15	15°56	T 19
W20	1 52 47	26°22'11	3♌19	2°40	4° 1	14°10	9°57	11°25	16°21	24° 3	23°13	4° 9	4°18	2°21	15°53	W20
T 21	1 56 44	27°22'00	17°15	4°16	5°16	14°41	10° 9	11°20	16°23	24° 3	23°15	4° 9	4°15	2°28	15°50	T 21
F 22	2 0 41	28°21'50	0♍59	5°52	6°30	15°13	10°21	11°16	16°26	24° 2	23°18	4° 8	4°11	2°35	15°47	F 22
S 23	2 4 37	29°21'42	14°29	7°27	7°45	15°44	10°32	11°11	16°29	24° 1	23°20	4° 7	4° 8	2°41	15°44	S 23
S 24	2 8 34	0♏21'37	27°47	9° 1	8°59	16°16	10°44	11° 6	16°32	24° 0	23°23	4° 7	4° 5	2°48	15°41	S 24
M25	2 12 30	1°21'34	10♎51	10°35	10°14	16°49	10°56	11° 2	16°34	23°59	23°25	4° 6	4° 2	2°55	15°38	M25
T 26	2 16 27	2°21'33	23°41	12° 9	11°29	17°21	11° 8	10°57	16°37	23°58	23°27	4° 6	3°59	3° 2	15°35	T 26
W27	2 20 23	3°21'34	6♏18	13°42	12°44	17°54	11°20	10°52	16°40	23°58	23°30	4°D 6	3°55	3° 8	15°32	W27
T 28	2 24 20	4°21'36	18°42	15°15	13°58	18°27	11°32	10°47	16°43	23°57	23°32	4°R 6	3°52	3°15	15°29	T 28
F 29	2 28 16	5°21'41	0♐55	16°47	15°13	19° 0	11°44	10°42	16°46	23°56	23°35	4° 6	3°49	3°22	15°26	F 29
S 30	2 32 13	6°21'47	12°58	18°18	16°28	19°34	11°56	10°38	16°49	23°55	23°37	4° 6	3°46	3°28	15°23	S 30
S 31	2 36 10	7♏21'56	24♐53	19♏50	17♎43	20♒ 8	12♐ 9	10♉33	16♐52	23♊54	23♎39	4♏ 6	3♏43	3♑35	15♉19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 0	16s53	1n41	1n30	1n45	8n46	1n14	22s38	3s47	20s59	0n27	13n11	2s37	22s46	0s 5	22n 2	1s19	6n37	16n32	12s57	13s18	19s15	14n45	2s11
S 2	3 23	18 31	2 41	0 44	1 41	8 19	1 16	22 28	3 44	21 1	0 27	13 10	2 37	22 46	0 5	22 2	1 19	6 36	16 32	12 58	13 17	19 15	14 45	2 11
S 3	3 47	19 17	3 34	0s 2	1 38	7 52	1 17	22 19	3 41	21 3	0 27	13 8	2 38	22 47	0 5	22 2	1 19	6 35	16 32	12 58	13 16	19 14	14 44	2 12
M 4	4 10	19 11	4 17	0 48	1 33	7 25	1 19	22 9	3 37	21 5	0 27	13 7	2 38	22 47	0 5	22 2	1 19	6 34	16 32	12 59	13 15	19 14	14 43	2 12
T 5	4 33	18 15	4 49	1 35	1 29	6 58	1 20	21 59	3 34	21 7	0 26	13 6	2 38	22 47	0 5	22 2	1 19	6 33	16 31	12 59	13 14	19 13	14 42	2 12
W 6	4 56	16 30	5 9	2 21	1 24	6 31	1 22	21 49	3 30	21 9	0 26	13 5	2 38	22 47	0 5	22 2	1 19	6 32	16 31	12 59	13 13	19 13	14 41	2 12
T 7	5 19	14 1	5 15	3 7	1 19	6 3	1 23	21 39	3 27	21 10	0 26	13 3	2 38	22 48	0 5	22 2	1 19	6 31	16 31	12 58	13 12	19 12	14 40	2 12
F 8	5 42	10 53	5 8	3 53	1 13	5 35	1 24	21 29	3 24	21 12	0 26	13 2	2 38	22 48	0 5	22 2	1 19	6 30	16 31	12 58	13 11	19 12	14 39	2 13
S 9	6 5	7 11	4 45	4 38	1 8	5 7	1 25	21 19	3 21	21 14	0 26	13 1	2 38	22 48	0 5	22 2	1 19	6 29	16 31	12 57	13 10	19 11	14 39	2 13
S 10	6 28	3 4	4 8	5 23	1 2	4 39	1 26	21 8	3 17	21 16	0 26	12 59	2 38	22 48	0 5	22 1	1 19	6 28	16 31	12 56	13 9	19 11	14 38	2 13
M11	6 51	1n19	3 16	6 8	0 56	4 10	1 27	20 57	3 14	21 18	0 26	12 58	2 38	22 49	0 5	22 1	1 19	6 27	16 31	12 55	13 8	19 10	14 37	2 13
T 12	7 14	5 45	2 13	6 52	0 50	3 42	1 28	20 47	3 11	21 20	0 25	12 57	2 39	22 49	0 5	22 1	1 19	6 27	16 31	12 54	13 7	19 9	14 36	2 13
W13	7 36	9 58	1 0	7 36	0 43	3 13	1 29	20 36	3 8	21 21	0 25	12 55	2 39	22 49	0 5	22 1	1 19	6 26	16 31	12 54	13 6	19 9	14 35	2 13
T 14	7 59	13 43	0s18	8 20	0 37	2 44	1 30	20 24	3 5	21 23	0 25	12 54	2 39	22 49	0 5	22 1	1 19	6 25	16 31	12 54	13 5	19 8	14 34	2 14
F 15	8 21	16 41	1 36	9 3	0 30	2 16	1 31	20 13	3 1	21 25	0 25	12 52	2 39	22 50	0 5	22 1	1 19	6 24	16 31	12 54	13 4	19 8	14 33	2 14
S 16	8 44	18 36	2 48	9 45	0 24	1 47	1 32	20 2	2 58	21 27	0 25	12 51	2 39	22 50	0 5	22 1	1 19	6 23	16 31	12 54	13 2	19 7	14 32	2 14
S 17	9 6	19 19	3 50	10 27	0 17	1 17	1 32	19 50	2 55	21 29	0 25	12 50	2 39	22 50	0 5	22 1	1 19	6 22	16 31	12 55	13 1	19 7	14 31	2 14
M18	9 28	18 46	4 37	11 8	0 10	0 48	1 33	19 39	2 52	21 31	0 25	12 48	2 39	22 50	0 5	22 1	1 19	6 21	16 31	12 55	13 0	19 6	14 30	2 14
T 19	9 50	17 2	5 6	11 48	0 3	0 19	1 33	19 27	2 49	21 32	0 24	12 47	2 39	22 51	0 5	22 1	1 19	6 20	16 31	12 55	12 59	19 5	14 29	2 14
W20	10 11	14 18	5 17	12 28	0s 3	0s10	1 33	19 15	2 46	21 34	0 24	12 45	2 39	22 51	0 5	22 1	1 19	6 20	16 31	12 55	12 58	19 5	14 28	2 15
T 21	10 33	10 47	5 9	13 7	0 10	0 39	1 34	19 3	2 43	21 36	0 24	12 44	2 39	22 51	0 5	22 1	1 19	6 19	16 31	12 55	12 57	19 4	14 27	2 15
F 22	10 54	6 44	4 43	13 46	0 17	1 9	1 34	18 51	2 40	21 38	0 24	12 42	2 39	22 51	0 5	22 1	1 20	6 18	16 31	12 55	12 56	19 4	14 26	2 15
S 23	11 16	2 24	4 2	14 23	0 24	1 38	1 34	18 39	2 38	21 40	0 24	12 41	2 39	22 52	0 5	22 1	1 20	6 17	16 31	12 55	12 55	19 3	14 25	2 15
S 24	11 37	2s 0	3 8	15 0	0 30	2 8	1 34	18 26	2 35	21 42	0 24	12 39	2 39	22 52	0 5	22 1	1 20	6 16	16 31	12 54	12 54	19 3	14 24	2 15
M25	11 58	6 13	2 6	15 36	0 37	2 37	1 34	18 14	2 32	21 43	0 24	12 38	2 39	22 52	0 5	22 1	1 20	6 16	16 31	12 54	12 53	19 2	14 23	2 15
T 26	12 19	10 6	0 58	16 12	0 44	3 6	1 34	18 1	2 29	21 45	0 24	12 36	2 39	22 53	0 5	22 0	1 20	6 15	16 31	12 54	12 52	19 1	14 22	2 15
W27	12 39	13 27	0n12	16 46	0 50	3 36	1 34	17 48	2 26	21 47	0 23	12 35	2 39	22 53	0 5	22 0	1 20	6 14	16 31	12 54	12 51	19 1	14 21	2 16
T 28	12 59	16 8	1 20	17 20	0 57	4 5	1 34	17 35	2 23	21 49	0 23	12 33	2 39	22 53	0 5	22 0	1 20	6 13	16 31	12 54	12 50	19 0	14 20	2 16
F 29	13 20	18 2	2 23	17 53	1 3	4 34	1 33	17 22	2 21	21 51	0 23	12 32	2 39	22 53	0 5	22 0	1 20	6 13	16 31	12 54	12 48	19 0	14 19	2 16
S 30	13 40	19 5	3 19	18 25	1 9	5 3	1 33	17 9	2 18	21 52	0 23	12 31	2 39	22 54	0 5	22 0	1 20	6 12	16 32	12 54	12 47	18 59	14 18	2 16
S 31	13s59	19s16	4n 6	18s56	1s15	5s32	1n33	16s56	2s15	21s54	0n23	12n29	2s39	22s54	0s 5	22n 0	1s20	6n11	16n32	12s54	12s46	18s58	14n17	2s16

Julian Day Number = 2354663.5, Delta T = 12.05 sec
Ecliptic obliquity = 23°28'19, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'14, Lahiri = 20°09'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

NOVEMBER 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 6	8♏22'05	6♑44	21♏20	18♎58	20♒42	12♐21	10°R28	16♐55	23°R53	23♎42	4°R 5	3♏40	3♑42	15°R16	M 1
T 2	2 44 3	9°22'17	18°35	22°51	20°13	21°16	12°34	10♉23	16°58	23♊51	23°44	4♏ 5	3°36	3°49	15♉13	T 2
W 3	2 47 59	10°22'30	0♒30	24°21	21°28	21°50	12°46	10°18	17° 1	23°50	23°46	4° 4	3°33	3°55	15°10	W 3
T 4	2 51 56	11°22'44	12°32	25°50	22°43	22°25	12°59	10°13	17° 4	23°49	23°49	4°D 4	3°30	4° 2	15° 7	T 4
F 5	2 55 52	12°23'00	24°48	27°19	23°58	23° 0	13°11	10° 8	17° 7	23°48	23°51	4° 4	3°27	4° 9	15° 4	F 5
S 6	2 59 49	13°23'17	7♓21	28°48	25°13	23°35	13°24	10° 4	17°10	23°47	23°53	4° 5	3°24	4°15	15° 0	S 6
S 7	3 3 45	14°23'36	20°15	0♐16	26°28	24°10	13°36	9°59	17°14	23°46	23°56	4° 6	3°21	4°22	14°57	S 7
M 8	3 7 42	15°23'56	3♈34	1°43	27°43	24°45	13°49	9°54	17°17	23°44	23°58	4° 7	3°17	4°29	14°54	M 8
T 9	3 11 38	16°24'18	17°18	3°11	28°58	25°21	14° 2	9°49	17°20	23°43	24° 0	4° 8	3°14	4°35	14°51	T 9
W10	3 15 35	17°24'41	1♉26	4°37	0♏13	25°57	14°15	9°44	17°23	23°42	24° 2	4°R 8	3°11	4°42	14°48	W10
T 11	3 19 32	18°25'06	15°55	6° 3	1°28	26°32	14°28	9°39	17°27	23°40	24° 5	4° 8	3° 8	4°49	14°45	T 11
F 12	3 23 28	19°25'33	0♊40	7°28	2°44	27° 8	14°41	9°35	17°30	23°39	24° 7	4° 7	3° 5	4°56	14°41	F 12
S 13	3 27 25	20°26'01	15°34	8°53	3°59	27°45	14°54	9°30	17°33	23°38	24° 9	4° 5	3° 1	5° 2	14°38	S 13
S 14	3 31 21	21°26'31	0♋27	10°16	5°14	28°21	15° 7	9°25	17°37	23°36	24°11	4° 3	2°58	5° 9	14°35	S 14
M15	3 35 18	22°27'03	15°14	11°39	6°29	28°57	15°20	9°21	17°40	23°35	24°14	4° 1	2°55	5°16	14°32	M15
T 16	3 39 14	23°27'36	29°46	13° 1	7°44	29°34	15°33	9°16	17°43	23°34	24°16	3°59	2°52	5°22	14°29	T 16
W17	3 43 11	24°28'12	14♌ 0	14°22	9° 0	0♓11	15°46	9°11	17°47	23°32	24°18	3°57	2°49	5°29	14°26	W17
T 18	3 47 8	25°28'49	27°54	15°41	10°15	0°48	15°59	9° 7	17°50	23°31	24°20	3°D57	2°46	5°36	14°22	T 18
F 19	3 51 4	26°29'27	11♍27	16°59	11°30	1°24	16°12	9° 2	17°54	23°29	24°22	3°58	2°42	5°43	14°19	F 19
S 20	3 55 1	27°30'08	24°42	18°15	12°46	2° 2	16°26	8°58	17°57	23°28	24°24	3°59	2°39	5°49	14°16	S 20
S 21	3 58 57	28°30'50	7♎39	19°30	14° 1	2°39	16°39	8°53	18° 1	23°26	24°26	4° 1	2°36	5°56	14°13	S 21
M22	4 2 54	29°31'34	20°22	20°42	15°16	3°16	16°52	8°49	18° 4	23°25	24°28	4° 2	2°33	6° 3	14°10	M22
T 23	4 6 50	0♐32'19	2♏52	21°52	16°32	3°54	17° 5	8°44	18° 8	23°23	24°31	4°R 3	2°30	6° 9	14° 7	T 23
W24	4 10 47	1°33'06	15°11	22°59	17°47	4°31	17°19	8°40	18°11	23°22	24°33	4° 2	2°27	6°16	14° 4	W24
T 25	4 14 43	2°33'54	27°22	24° 3	19° 2	5° 9	17°32	8°36	18°15	23°20	24°35	4° 0	2°23	6°23	14° 1	T 25
F 26	4 18 40	3°34'43	9♐25	25° 3	20°18	5°47	17°46	8°32	18°18	23°19	24°37	3°57	2°20	6°29	13°58	F 26
S 27	4 22 37	4°35'34	21°22	26° 0	21°33	6°25	17°59	8°28	18°22	23°17	24°39	3°52	2°17	6°36	13°55	S 27
S 28	4 26 33	5°36'26	3♑15	26°51	22°49	7° 3	18°13	8°24	18°25	23°15	24°41	3°46	2°14	6°43	13°52	S 28
M29	4 30 30	6°37'18	15° 6	27°37	24° 4	7°41	18°26	8°20	18°29	23°14	24°43	3°39	2°11	6°50	13°49	M29
T 30	4 34 26	7♐38'12	26♑56	28♐17	25♏20	8♓19	18♐40	8♉16	18♐33	23♊12	24♎44	3♏33	2♏ 7	6♑56	13♉46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s19	18s36	4n42	19s26	1s21	6s 1	1n32	16s43	2s13	21s56	0n23	12n28	2s39	22s54	0s 5	22n 0	1s20	6n10	16n32	12s54	12s45	18s58	14n16	2s16
T 2	14 38	17 8	5 6	19 55	1 27	6 30	1 32	16 29	2 10	21 58	0 23	12 26	2 39	22 55	0 5	22 0	1 20	6 10	16 32	12 54	12 44	18 57	14 15	2 16
W 3	14 57	14 55	5 17	20 23	1 33	6 58	1 31	16 15	2 8	21 59	0 23	12 25	2 39	22 55	0 5	22 0	1 20	6 9	16 32	12 54	12 43	18 56	14 14	2 16
T 4	15 16	12 3	5 14	20 50	1 39	7 27	1 30	16 2	2 5	22 1	0 22	12 23	2 39	22 55	0 5	22 0	1 20	6 8	16 32	12 54	12 42	18 56	14 13	2 17
F 5	15 34	8 36	4 57	21 16	1 44	7 55	1 30	15 48	2 2	22 3	0 22	12 22	2 39	22 56	0 5	22 0	1 20	6 8	16 32	12 54	12 41	18 55	14 12	2 17
S 6	15 53	4 43	4 25	21 42	1 49	8 24	1 29	15 34	2 0	22 4	0 22	12 20	2 39	22 56	0 5	22 0	1 20	6 7	16 33	12 54	12 40	18 54	14 11	2 17
S 7	16 11	0 30	3 40	22 6	1 54	8 52	1 28	15 20	1 57	22 6	0 22	12 19	2 39	22 56	0 5	22 0	1 20	6 6	16 33	12 54	12 39	18 54	14 10	2 17
M 8	16 28	3n53	2 41	22 29	1 59	9 19	1 27	15 6	1 55	22 8	0 22	12 17	2 39	22 57	0 5	22 0	1 20	6 6	16 33	12 54	12 38	18 53	14 9	2 17
T 9	16 46	8 13	1 32	22 50	2 3	9 47	1 26	14 51	1 53	22 9	0 22	12 16	2 39	22 57	0 5	21 59	1 20	6 5	16 33	12 55	12 37	18 53	14 8	2 17
W10	17 3	12 13	0 15	23 11	2 8	10 14	1 25	14 37	1 50	22 11	0 22	12 14	2 39	22 57	0 5	21 59	1 20	6 4	16 33	12 55	12 35	18 52	14 7	2 17
T 11	17 20	15 36	1s 5	23 30	2 12	10 42	1 24	14 22	1 48	22 12	0 22	12 13	2 39	22 57	0 5	21 59	1 20	6 4	16 34	12 55	12 34	18 51	14 6	2 17
F 12	17 37	18 1	2 22	23 49	2 15	11 9	1 22	14 8	1 45	22 14	0 21	12 12	2 39	22 58	0 5	21 59	1 20	6 3	16 34	12 54	12 33	18 51	14 5	2 17
S 13	17 53	19 13	3 29	24 6	2 19	11 35	1 21	13 53	1 43	22 16	0 21	12 10	2 38	22 58	0 5	21 59	1 20	6 3	16 34	12 54	12 32	18 50	14 4	2 17
S 14	18 9	19 5	4 23	24 21	2 22	12 2	1 20	13 38	1 41	22 17	0 21	12 9	2 38	22 58	0 5	21 59	1 20	6 2	16 34	12 53	12 31	18 49	14 3	2 17
M15	18 24	17 39	4 59	24 36	2 24	12 28	1 19	13 23	1 38	22 19	0 21	12 7	2 38	22 59	0 5	21 59	1 20	6 2	16 34	12 52	12 30	18 49	14 2	2 18
T 16	18 40	15 6	5 15	24 49	2 27	12 54	1 17	13 8	1 36	22 20	0 21	12 6	2 38	22 59	0 5	21 59	1 20	6 1	16 35	12 52	12 29	18 48	14 1	2 18
W17	18 55	11 41	5 11	25 1	2 29	13 19	1 16	12 53	1 34	22 22	0 21	12 5	2 38	22 59	0 5	21 59	1 20	6 1	16 35	12 51	12 28	18 47	14 0	2 18
T 18	19 9	7 42	4 48	25 11	2 30	13 44	1 14	12 38	1 32	22 23	0 21	12 3	2 38	23 0	0 5	21 59	1 20	6 0	16 35	12 51	12 27	18 47	13 59	2 18
F 19	19 24	3 25	4 11	25 20	2 31	14 9	1 13	12 23	1 30	22 25	0 21	12 2	2 38	23 0	0 5	21 59	1 20	6 0	16 36	12 51	12 26	18 46	13 58	2 18
S 20	19 38	0s57	3 20	25 28	2 31	14 34	1 11	12 8	1 27	22 26	0 21	12 1	2 38	23 0	0 5	21 59	1 20	5 59	16 36	12 52	12 25	18 45	13 57	2 18
S 21	19 51	5 11	2 20	25 34	2 31	14 58	1 9	11 52	1 25	22 28	0 20	12 0	2 37	23 1	0 5	21 58	1 20	5 59	16 36	12 52	12 24	18 45	13 56	2 18
M22	20 5	9 7	1 15	25 38	2 30	15 22	1 8	11 37	1 23	22 29	0 20	11 58	2 37	23 1	0 5	21 58	1 20	5 58	16 36	12 53	12 22	18 44	13 55	2 18
T 23	20 17	12 35	0 7	25 41	2 28	15 45	1 6	11 21	1 21	22 30	0 20	11 57	2 37	23 1	0 5	21 58	1 20	5 58	16 37	12 53	12 21	18 43	13 54	2 18
W24	20 30	15 27	1n 1	25 43	2 26	16 8	1 4	11 5	1 19	22 32	0 20	11 56	2 37	23 2	0 5	21 58	1 20	5 57	16 37	12 53	12 20	18 42	13 53	2 18
T 25	20 42	17 35	2 4	25 43	2 23	16 31	1 2	10 50	1 17	22 33	0 20	11 55	2 37	23 2	0 5	21 58	1 20	5 57	16 37	12 52	12 19	18 42	13 52	2 18
F 26	20 54	18 54	3 2	25 42	2 19	16 53	1 0	10 34	1 15	22 35	0 20	11 53	2 37	23 2	0 5	21 58	1 20	5 57	16 38	12 51	12 18	18 41	13 51	2 18
S 27	21 5	19 22	3 50	25 39	2 14	17 14	0 58	10 18	1 13	22 36	0 20	11 52	2 36	23 3	0 5	21 58	1 20	5 56	16 38	12 49	12 17	18 40	13 50	2 18
S 28	21 16	18 57	4 29	25 34	2 8	17 36	0 56	10 2	1 11	22 37	0 20	11 51	2 36	23 3	0 5	21 58	1 20	5 56	16 38	12 47	12 16	18 40	13 49	2 18
M29	21 27	17 44	4 55	25 28	2 1	17 56	0 54	9 46	1 9	22 38	0 20	11 50	2 36	23 3	0 5	21 58	1 20	5 56	16 39	12 45	12 15	18 39	13 48	2 18
T 30	21s37	15s44	5n 9	25s21	1s53	18s17	0n52	9s30	1s 7	22s40	0n20	11n49	2s36	23s 4	0s 5	21n58	1s20	5n55	16n39	12s43	12s14	18s38	13n48	2s18

Julian Day Number = 2354694.5, Delta T = 12.07 sec
Ecliptic obliquity = 23°28'18, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'18, Lahiri = 20°09'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1734
geocentric

DECEMBER 1734 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 23	8♐39'07	8♒50	28♐50	26♏35	8♓58	18♐53	8°R12	18♐36	23°R11	24♎46	3°R28	2♏ 4	7♉ 3	13°R44	W 1
T 2	4 42 19	9°40'02	20°51	29°16	27°50	9°36	19° 7	8♉ 8	18°40	23♊ 9	24°48	3♏25	2° 1	7°10	13♉41	T 2
F 3	4 46 16	10°40'58	3♓ 2	29°33	29° 6	10°15	19°21	8° 4	18°43	23° 7	24°50	3°23	1°58	7°16	13°38	F 3
S 4	4 50 12	11°41'55	15°29	29°R40	0♐21	10°53	19°34	8° 1	18°47	23° 6	24°52	3°D23	1°55	7°23	13°35	S 4
S 5	4 54 9	12°42'53	28°16	29°38	1°37	11°32	19°48	7°57	18°51	23° 4	24°54	3°24	1°52	7°30	13°33	S 5
M 6	4 58 6	13°43'51	11♈27	29°24	2°52	12°11	20° 1	7°54	18°54	23° 2	24°55	3°25	1°48	7°37	13°30	M 6
T 7	5 2 2	14°44'50	25° 5	28°59	4° 8	12°49	20°15	7°50	18°58	23° 1	24°57	3°26	1°45	7°43	13°27	T 7
W 8	5 5 59	15°45'49	9♉12	28°23	5°23	13°28	20°29	7°47	19° 2	22°59	24°59	3°R27	1°42	7°50	13°25	W 8
T 9	5 9 55	16°46'49	23°46	27°36	6°39	14° 7	20°42	7°44	19° 5	22°57	25° 1	3°25	1°39	7°57	13°22	T 9
F 10	5 13 52	17°47'50	8♊43	26°38	7°54	14°46	20°56	7°41	19° 9	22°56	25° 2	3°21	1°36	8° 3	13°20	F 10
S 11	5 17 48	18°48'52	23°55	25°30	9°10	15°25	21°10	7°37	19°13	22°54	25° 4	3°15	1°33	8°10	13°17	S 11
S 12	5 21 45	19°49'54	9♋11	24°15	10°25	16° 5	21°23	7°35	19°16	22°52	25° 6	3° 8	1°29	8°17	13°15	S 12
M13	5 25 41	20°50'58	24°22	22°55	11°40	16°44	21°37	7°32	19°20	22°50	25° 7	3° 1	1°26	8°24	13°12	M13
T 14	5 29 38	21°52'01	9♌16	21°32	12°56	17°23	21°51	7°29	19°23	22°49	25° 9	2°54	1°23	8°30	13°10	T 14
W15	5 33 35	22°53'06	23°46	20°10	14°11	18° 2	22° 5	7°26	19°27	22°47	25°10	2°48	1°20	8°37	13° 8	W15
T 16	5 37 31	23°54'12	7♍50	18°50	15°27	18°42	22°18	7°24	19°31	22°45	25°12	2°45	1°17	8°44	13° 6	T 16
F 17	5 41 28	24°55'18	21°27	17°36	16°42	19°21	22°32	7°21	19°34	22°44	25°13	2°D44	1°13	8°50	13° 3	F 17
S 18	5 45 24	25°56'25	4♎38	16°30	17°58	20° 1	22°46	7°19	19°38	22°42	25°15	2°44	1°10	8°57	13° 1	S 18
S 19	5 49 21	26°57'33	17°27	15°32	19°13	20°40	22°59	7°16	19°42	22°40	25°16	2°45	1° 7	9° 4	12°59	S 19
M20	5 53 17	27°58'42	29°57	14°45	20°29	21°20	23°13	7°14	19°45	22°39	25°17	2°R46	1° 4	9°11	12°57	M20
T 21	5 57 14	28°59'51	12♏14	14° 9	21°45	21°59	23°27	7°12	19°49	22°37	25°19	2°45	1° 1	9°17	12°55	T 21
W22	6 1 10	0♑ 1'01	24°20	13°43	23° 0	22°39	23°40	7°10	19°53	22°35	25°20	2°43	0°58	9°24	12°53	W22
T 23	6 5 7	1° 2'11	6♐20	13°28	24°16	23°19	23°54	7° 8	19°56	22°33	25°21	2°37	0°54	9°31	12°51	T 23
F 24	6 9 4	2° 3'22	18°15	13°D22	25°31	23°58	24° 8	7° 7	20° 0	22°32	25°23	2°29	0°51	9°37	12°50	F 24
S 25	6 13 0	3° 4'33	0♑ 7	13°27	26°47	24°38	24°21	7° 5	20° 3	22°30	25°24	2°19	0°48	9°44	12°48	S 25
S 26	6 16 57	4° 5'45	11°59	13°40	28° 2	25°18	24°35	7° 3	20° 7	22°28	25°25	2° 7	0°45	9°51	12°46	S 26
M27	6 20 53	5° 6'56	23°51	14° 1	29°18	25°58	24°49	7° 2	20°10	22°27	25°26	1°54	0°42	9°58	12°45	M27
T 28	6 24 50	6° 8'07	5♒44	14°29	0♑33	26°38	25° 2	7° 1	20°14	22°25	25°27	1°41	0°39	10° 4	12°43	T 28
W29	6 28 46	7° 9'19	17°42	15° 4	1°49	27°18	25°16	6°59	20°18	22°24	25°28	1°30	0°35	10°11	12°41	W29
T 30	6 32 43	8°10'30	29°45	15°44	3° 4	27°58	25°29	6°58	20°21	22°22	25°30	1°21	0°32	10°18	12°40	T 30
F 31	6 36 39	9♑11'41	11♓57	16♐30	4♑20	28♓38	25♐43	6♉57	20♐25	22♊20	25♎31	1♏14	0♏29	10♑24	12♉39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s46	13s 5	5n10	25s12	1s44	18s36	0n50	9s13	1s 5	22s41	0n19	11n48	2s36	23s 4	0s 5	21n58	1s20	5n55	16n39	12s41	12s13	18s38	13n47	2s18
T 2	21 56	9 52	4 57	25 1	1 33	18 56	0 48	8 57	1 3	22 42	0 19	11 47	2 36	23 4	0 5	21 57	1 20	5 55	16 40	12 40	12 11	18 37	13 46	2 18
F 3	22 5	6 11	4 31	24 49	1 21	19 14	0 46	8 41	1 1	22 43	0 19	11 46	2 35	23 5	0 5	21 57	1 20	5 54	16 40	12 40	12 10	18 36	13 45	2 18
S 4	22 13	2 10	3 51	24 36	1 7	19 32	0 44	8 25	0 59	22 45	0 19	11 45	2 35	23 5	0 5	21 57	1 20	5 54	16 41	12 39	12 9	18 35	13 44	2 18
S 5	22 21	2n 3	2 59	24 21	0 53	19 50	0 41	8 8	0 58	22 46	0 19	11 44	2 35	23 5	0 5	21 57	1 20	5 54	16 41	12 40	12 8	18 35	13 43	2 19
M 6	22 29	6 19	1 57	24 5	0 36	20 7	0 39	7 52	0 56	22 47	0 19	11 43	2 35	23 5	0 5	21 57	1 20	5 54	16 41	12 40	12 7	18 34	13 43	2 19
T 7	22 36	10 25	0 45	23 47	0 19	20 24	0 37	7 35	0 54	22 48	0 19	11 42	2 34	23 6	0 5	21 57	1 20	5 53	16 42	12 41	12 6	18 33	13 42	2 19
W 8	22 43	14 5	0s31	23 28	0 0	20 40	0 35	7 19	0 52	22 49	0 19	11 41	2 34	23 6	0 5	21 57	1 20	5 53	16 42	12 41	12 5	18 32	13 41	2 19
T 9	22 49	17 0	1 48	23 8	0n19	20 55	0 32	7 2	0 50	22 50	0 19	11 41	2 34	23 6	0 5	21 57	1 20	5 53	16 43	12 40	12 4	18 32	13 40	2 19
F 10	22 55	18 50	2 59	22 46	0 39	21 10	0 30	6 45	0 49	22 51	0 19	11 40	2 34	23 7	0 5	21 57	1 20	5 53	16 43	12 39	12 3	18 31	13 39	2 19
S 11	23 0	19 22	3 59	22 24	1 0	21 24	0 28	6 28	0 47	22 52	0 18	11 39	2 34	23 7	0 5	21 57	1 20	5 53	16 44	12 37	12 2	18 30	13 39	2 19
S 12	23 5	18 28	4 41	22 1	1 19	21 37	0 25	6 12	0 45	22 53	0 18	11 38	2 33	23 7	0 5	21 57	1 20	5 52	16 44	12 35	12 0	18 29	13 38	2 19
M13	23 9	16 17	5 4	21 38	1 39	21 50	0 23	5 55	0 44	22 54	0 18	11 38	2 33	23 8	0 5	21 57	1 20	5 52	16 44	12 32	11 59	18 29	13 37	2 19
T 14	23 13	13 3	5 6	21 16	1 56	22 2	0 21	5 38	0 42	22 55	0 18	11 37	2 33	23 8	0 5	21 56	1 20	5 52	16 45	12 30	11 58	18 28	13 37	2 19
W15	23 17	9 5	4 47	20 54	2 13	22 14	0 18	5 21	0 40	22 56	0 18	11 36	2 33	23 8	0 5	21 56	1 20	5 52	16 45	12 28	11 57	18 27	13 36	2 19
T 16	23 20	4 44	4 12	20 34	2 27	22 25	0 16	5 4	0 39	22 57	0 18	11 36	2 32	23 8	0 5	21 56	1 20	5 52	16 46	12 27	11 56	18 26	13 35	2 19
F 17	23 22	0 17	3 23	20 16	2 38	22 35	0 13	4 47	0 37	22 58	0 18	11 35	2 32	23 9	0 5	21 56	1 20	5 52	16 46	12 26	11 55	18 26	13 35	2 19
S 18	23 25	4s 4	2 25	20 0	2 48	22 45	0 11	4 30	0 35	22 59	0 18	11 35	2 32	23 9	0 5	21 56	1 20	5 52	16 47	12 26	11 54	18 25	13 34	2 19
S 19	23 26	8 7	1 21	19 47	2 55	22 54	0 9	4 13	0 34	22 59	0 18	11 34	2 32	23 9	0 5	21 56	1 20	5 52	16 47	12 27	11 53	18 24	13 33	2 19
M20	23 27	11 42	0 15	19 38	2 59	23 2	0 6	3 56	0 32	23 0	0 18	11 34	2 31	23 10	0 5	21 56	1 20	5 52	16 48	12 27	11 52	18 23	13 33	2 19
T 21	23 28	14 43	0n51	19 31	3 2	23 9	0 4	3 39	0 31	23 1	0 18	11 33	2 31	23 10	0 5	21 56	1 20	5 52	16 48	12 27	11 51	18 23	13 32	2 19
W22	23 28	17 3	1 53	19 27	3 3	23 16	0 1	3 22	0 29	23 2	0 18	11 33	2 31	23 10	0 5	21 56	1 20	5 52	16 49	12 26	11 49	18 22	13 32	2 19
T 23	23 28	18 37	2 49	19 27	3 1	23 22	0s 1	3 5	0 28	23 2	0 17	11 33	2 30	23 11	0 5	21 56	1 20	5 52	16 49	12 24	11 48	18 21	13 31	2 19
F 24	23 27	19 20	3 38	19 29	2 59	23 27	0 4	2 48	0 26	23 3	0 17	11 32	2 30	23 11	0 5	21 56	1 20	5 52	16 50	12 21	11 47	18 20	13 31	2 18
S 25	23 26	19 11	4 17	19 33	2 55	23 32	0 6	2 31	0 25	23 4	0 17	11 32	2 30	23 11	0 5	21 56	1 20	5 52	16 50	12 18	11 46	18 19	13 30	2 18
S 26	23 24	18 13	4 44	19 40	2 50	23 36	0 8	2 14	0 23	23 4	0 17	11 32	2 30	23 11	0 5	21 55	1 20	5 52	16 51	12 13	11 45	18 19	13 30	2 18
M27	23 22	16 27	4 59	19 48	2 44	23 39	0 11	1 57	0 22	23 5	0 17	11 32	2 29	23 12	0 5	21 55	1 20	5 52	16 51	12 9	11 44	18 18	13 29	2 18
T 28	23 20	13 59	5 2	19 58	2 37	23 41	0 13	1 39	0 21	23 6	0 17	11 31	2 29	23 12	0 5	21 55	1 20	5 52	16 52	12 4	11 43	18 17	13 29	2 18
W29	23 17	10 56	4 51	20 9	2 30	23 43	0 16	1 22	0 19	23 6	0 17	11 31	2 29	23 12	0 5	21 55	1 20	5 52	16 52	12 1	11 42	18 16	13 28	2 18
T 30	23 13	7 25	4 27	20 21	2 22	23 44	0 18	1 5	0 18	23 7	0 17	11 31	2 28	23 12	0 5	21 55	1 20	5 52	16 53	11 57	11 41	18 15	13 28	2 18
F 31	23s 9	3s33	3n50	20s34	2n14	23s44	0s20	0s48	0s17	23s 7	0n17	11n31	2s28	23s13	0s 5	21n55	1s20	5n53	16n53	11s55	11s39	18s15	13n27	2s18

Julian Day Number = 2354724.5, Delta T = 12.08 sec
Ecliptic obliquity = 23°28'17, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'23, Lahiri = 20°09'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

JANUARY 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 36	10♑12'52	24♓21	17♐20	5♑35	29♓18	25♐57	6°R56	20♐28	22°R19	25♎32	1°R11	0♏26	10♑31	12°R37	S 1
S 2	6 44 33	11°14'02	7♈ 2	18°15	6°51	29°58	26°10	6♉55	20°32	22♊17	25°32	1°D10	0°23	10°38	12♉36	S 2
M 3	6 48 29	12°15'12	20° 4	19°13	8° 6	0♈38	26°24	6°55	20°35	22°15	25°33	1♏10	0°19	10°45	12°35	M 3
T 4	6 52 26	13°16'21	3♉31	20°15	9°22	1°18	26°37	6°54	20°38	22°14	25°34	1°R10	0°16	10°51	12°34	T 4
W 5	6 56 22	14°17'30	17°26	21°19	10°37	1°58	26°50	6°54	20°42	22°12	25°35	1° 9	0°13	10°58	12°32	W 5
T 6	7 0 19	15°18'39	1♊49	22°26	11°53	2°38	27° 4	6°53	20°45	22°11	25°36	1° 6	0°10	11° 5	12°31	T 6
F 7	7 4 15	16°19'47	16°39	23°36	13° 8	3°18	27°17	6°53	20°49	22° 9	25°37	1° 0	0° 7	11°11	12°30	F 7
S 8	7 8 12	17°20'55	1♋49	24°47	14°24	3°59	27°31	6°53	20°52	22° 8	25°38	0°51	0° 4	11°18	12°30	S 8
S 9	7 12 8	18°22'02	17°10	26° 0	15°39	4°39	27°44	6°D53	20°55	22° 6	25°38	0°41	0° 0	11°25	12°29	S 9
M10	7 16 5	19°23'09	2♌31	27°16	16°54	5°19	27°57	6°53	20°59	22° 5	25°39	0°29	29♎57	11°32	12°28	M10
T 11	7 20 2	20°24'15	17°39	28°32	18°10	5°59	28°10	6°53	21° 2	22° 3	25°40	0°18	29°54	11°38	12°27	T 11
W12	7 23 58	21°25'22	2♍25	29°50	19°25	6°40	28°24	6°54	21° 5	22° 2	25°40	0° 9	29°51	11°45	12°27	W12
T 13	7 27 55	22°26'27	16°43	1♎10	20°41	7°20	28°37	6°54	21° 9	22° 0	25°41	0° 3	29°48	11°52	12°26	T 13
F 14	7 31 51	23°27'33	0♎30	2°30	21°56	8° 0	28°50	6°55	21°12	21°59	25°41	29♎59	29°45	11°58	12°25	F 14
S 15	7 35 48	24°28'38	13°48	3°52	23°12	8°40	29° 3	6°55	21°15	21°58	25°42	29°57	29°41	12° 5	12°25	S 15
S 16	7 39 44	25°29'43	26°39	5°15	24°27	9°21	29°16	6°56	21°18	21°56	25°42	29°57	29°38	12°12	12°25	S 16
M17	7 43 41	26°30'48	9♏ 9	6°39	25°42	10° 1	29°29	6°57	21°21	21°55	25°43	29°57	29°35	12°19	12°24	M17
T 18	7 47 37	27°31'52	21°21	8° 3	26°58	10°41	29°42	6°58	21°24	21°54	25°43	29°56	29°32	12°25	12°24	T 18
W19	7 51 34	28°32'56	3♐23	9°29	28°13	11°21	29°55	6°59	21°28	21°52	25°43	29°52	29°29	12°32	12°24	W19
T 20	7 55 31	29°33'59	15°17	10°55	29°29	12° 2	0♑ 8	7° 0	21°31	21°51	25°44	29°46	29°25	12°39	12°24	T 20
F 21	7 59 27	0♒35'02	27° 7	12°22	0♒44	12°42	0°21	7° 2	21°34	21°50	25°44	29°36	29°22	12°45	12°D24	F 21
S 22	8 3 24	1°36'04	8♑57	13°50	2° 0	13°22	0°33	7° 3	21°37	21°49	25°44	29°24	29°19	12°52	12°24	S 22
S 23	8 7 20	2°37'05	20°49	15°19	3°15	14° 3	0°46	7° 5	21°40	21°47	25°45	29°10	29°16	12°59	12°24	S 23
M24	8 11 17	3°38'06	2♒45	16°48	4°30	14°43	0°59	7° 7	21°43	21°46	25°45	28°54	29°13	13° 6	12°24	M24
T 25	8 15 13	4°39'05	14°45	18°18	5°46	15°23	1°11	7° 8	21°46	21°45	25°45	28°40	29°10	13°12	12°24	T 25
W26	8 19 10	5°40'04	26°50	19°49	7° 1	16° 4	1°24	7°10	21°48	21°44	25°45	28°26	29° 6	13°19	12°24	W26
T 27	8 23 6	6°41'01	9♓ 2	21°21	8°16	16°44	1°36	7°12	21°51	21°43	25°45	28°15	29° 3	13°26	12°25	T 27
F 28	8 27 3	7°41'57	21°23	22°53	9°32	17°24	1°49	7°14	21°54	21°42	25°R45	28° 7	29° 0	13°32	12°25	F 28
S 29	8 31 0	8°42'52	3♈54	24°26	10°47	18° 5	2° 1	7°17	21°57	21°41	25°45	28° 3	28°57	13°39	12°26	S 29
S 30	8 34 56	9°43'46	16°38	26° 0	12° 2	18°45	2°13	7°19	22° 0	21°40	25°45	28° 0	28°54	13°46	12°26	S 30
M31	8 38 53	10♒44'38	29♈39	27♑34	13♒18	19♈26	2♑26	7♉21	22♐ 2	21♊39	25♎45	28°D 0	28♎51	13♑53	12♉27	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 5	0n33	3n 2	20s47	2n 6	23s44	0s23	0s31	0s15	23s 8	0n17	11n31	2s28	23s13	0s 5	21n55	1s20	5n53	16n54	11s54	11s38	18s14	13n27	2s18
S 2	23 0	4 42	2 4	21 0	1 57	23 42	0 25	0 14	0 14	23 8	0 17	11 31	2 28	23 13	0 5	21 55	1 20	5 53	16 55	11 54	11 37	18 13	13 27	2 18
M 3	22 54	8 46	0 59	21 14	1 48	23 40	0 27	0n 4	0 13	23 9	0 17	11 31	2 27	23 13	0 5	21 55	1 20	5 53	16 55	11 54	11 36	18 12	13 26	2 18
T 4	22 49	12 31	0s12	21 28	1 39	23 38	0 29	0 21	0 11	23 9	0 16	11 31	2 27	23 14	0 5	21 55	1 20	5 53	16 56	11 54	11 35	18 11	13 26	2 18
W 5	22 42	15 42	1 25	21 41	1 31	23 34	0 32	0 38	0 10	23 10	0 16	11 31	2 27	23 14	0 5	21 55	1 20	5 54	16 56	11 53	11 34	18 10	13 26	2 18
T 6	22 35	18 2	2 35	21 54	1 22	23 30	0 34	0 55	0 9	23 10	0 16	11 32	2 26	23 14	0 5	21 55	1 20	5 54	16 57	11 52	11 33	18 10	13 25	2 18
F 7	22 28	19 13	3 36	22 6	1 13	23 25	0 36	1 12	0 8	23 10	0 16	11 32	2 26	23 14	0 5	21 55	1 20	5 54	16 57	11 50	11 32	18 9	13 25	2 18
S 8	22 21	19 4	4 23	22 19	1 4	23 20	0 38	1 29	0 6	23 11	0 16	11 32	2 26	23 15	0 5	21 55	1 20	5 54	16 58	11 47	11 30	18 8	13 25	2 18
S 9	22 13	17 32	4 53	22 30	0 55	23 13	0 40	1 46	0 5	23 11	0 16	11 32	2 25	23 15	0 5	21 55	1 20	5 55	16 58	11 44	11 29	18 7	13 25	2 18
M10	22 4	14 45	5 0	22 41	0 46	23 6	0 42	2 3	0 4	23 11	0 16	11 33	2 25	23 15	0 5	21 54	1 20	5 55	16 59	11 40	11 28	18 6	13 25	2 18
T 11	21 55	11 0	4 47	22 51	0 37	22 58	0 44	2 20	0 3	23 12	0 16	11 33	2 25	23 15	0 5	21 54	1 20	5 55	17 0	11 36	11 27	18 5	13 24	2 18
W12	21 46	6 39	4 15	23 0	0 29	22 50	0 46	2 37	0 2	23 12	0 16	11 33	2 25	23 16	0 5	21 54	1 20	5 55	17 0	11 32	11 26	18 5	13 24	2 18
T 13	21 36	2 4	3 27	23 8	0 20	22 41	0 48	2 54	0 0	23 12	0 16	11 34	2 24	23 16	0 5	21 54	1 20	5 56	17 1	11 30	11 25	18 4	13 24	2 18
F 14	21 26	2s29	2 29	23 15	0 12	22 31	0 50	3 11	0n 1	23 12	0 16	11 34	2 24	23 16	0 5	21 54	1 20	5 56	17 1	11 29	11 24	18 3	13 24	2 18
S 15	21 15	6 45	1 24	23 21	0 4	22 20	0 52	3 28	0 2	23 13	0 16	11 35	2 24	23 16	0 5	21 54	1 20	5 57	17 2	11 28	11 23	18 2	13 24	2 18
S 16	21 4	10 34	0 17	23 26	0s 4	22 9	0 54	3 45	0 3	23 13	0 15	11 35	2 23	23 17	0 5	21 54	1 20	5 57	17 2	11 28	11 22	18 1	13 24	2 18
M17	20 53	13 48	0n48	23 30	0 12	21 57	0 56	4 2	0 4	23 13	0 15	11 36	2 23	23 17	0 5	21 54	1 19	5 57	17 3	11 28	11 20	18 0	13 24	2 18
T 18	20 41	16 21	1 51	23 33	0 19	21 44	0 58	4 19	0 5	23 13	0 15	11 37	2 23	23 17	0 5	21 54	1 19	5 58	17 4	11 28	11 19	18 0	13 24	2 18
W19	20 29	18 8	2 47	23 35	0 27	21 31	1 0	4 36	0 6	23 13	0 15	11 37	2 22	23 17	0 5	21 54	1 19	5 58	17 4	11 26	11 18	17 59	13 24	2 17
T 20	20 16	19 6	3 35	23 35	0 34	21 17	1 1	4 52	0 7	23 13	0 15	11 38	2 22	23 17	0 5	21 54	1 19	5 58	17 5	11 24	11 17	17 58	13 24	2 17
F 21	20 3	19 13	4 13	23 35	0 41	21 3	1 3	5 9	0 8	23 13	0 15	11 39	2 22	23 18	0 5	21 54	1 19	5 59	17 5	11 21	11 16	17 57	13 24	2 17
S 22	19 50	18 30	4 41	23 33	0 48	20 47	1 5	5 26	0 9	23 13	0 15	11 39	2 22	23 18	0 6	21 54	1 19	5 59	17 6	11 17	11 15	17 56	13 24	2 17
S 23	19 36	16 59	4 56	23 29	0 54	20 32	1 6	5 42	0 10	23 13	0 15	11 40	2 21	23 18	0 6	21 54	1 19	6 0	17 6	11 11	11 14	17 55	13 24	2 17
M24	19 22	14 43	4 59	23 25	1 1	20 15	1 8	5 59	0 11	23 13	0 15	11 41	2 21	23 18	0 6	21 54	1 19	6 0	17 7	11 6	11 13	17 54	13 24	2 17
T 25	19 8	11 50	4 48	23 19	1 7	19 58	1 9	6 15	0 12	23 13	0 15	11 42	2 21	23 18	0 6	21 54	1 19	6 1	17 8	11 1	11 11	17 53	13 24	2 17
W26	18 53	8 27	4 24	23 12	1 13	19 41	1 11	6 32	0 13	23 13	0 15	11 43	2 20	23 19	0 6	21 54	1 19	6 1	17 8	10 56	11 10	17 53	13 24	2 17
T 27	18 38	4 40	3 48	23 4	1 18	19 23	1 12	6 48	0 14	23 13	0 15	11 44	2 20	23 19	0 6	21 54	1 19	6 2	17 9	10 52	11 9	17 52	13 24	2 17
F 28	18 22	0 39	3 1	22 54	1 23	19 4	1 13	7 5	0 15	23 13	0 15	11 45	2 20	23 19	0 6	21 54	1 19	6 2	17 9	10 49	11 8	17 51	13 25	2 17
S 29	18 6	3n27	2 4	22 43	1 28	18 45	1 14	7 21	0 16	23 13	0 15	11 46	2 20	23 19	0 6	21 54	1 19	6 3	17 10	10 48	11 7	17 50	13 25	2 17
S 30	17 50	7 28	1 0	22 30	1 33	18 25	1 16	7 37	0 17	23 13	0 14	11 47	2 19	23 19	0 6	21 54	1 19	6 3	17 10	10 47	11 6	17 49	13 25	2 17
M31	17s34	11n14	0s 9	22s16	1s38	18s 5	1s17	7n53	0n18	23s13	0n14	11n48	2s19	23s20	0s 6	21n54	1s19	6n 4	17n11	10s47	11s 5	17s48	13n25	2s17

Julian Day Number = 2354755.5, Delta T = 12.10 sec
Ecliptic obliquity = 23°28'17, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'27, Lahiri = 20°09'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

FEBRUARY 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 49	11♒45'29	12♉59	29♑ 9	14♒33	20♈ 6	2♑38	7♉24	22♐ 5	21°R38	25°R45	28°R 0	28♎47	13♑59	12♉27	T 1
W 2	8 46 46	12°46'18	26°43	0♒45	15°48	20°46	2°50	7°26	22° 8	21♊37	25♎45	27♎59	28°44	14° 6	12°28	W 2
T 3	8 50 42	13°47'06	10♊50	2°22	17° 3	21°27	3° 2	7°29	22°10	21°36	25°44	27°57	28°41	14°13	12°29	T 3
F 4	8 54 39	14°47'52	25°22	3°59	18°19	22° 7	3°14	7°32	22°13	21°35	25°44	27°52	28°38	14°20	12°30	F 4
S 5	8 58 35	15°48'37	10♋14	5°37	19°34	22°47	3°26	7°35	22°15	21°34	25°44	27°44	28°35	14°26	12°31	S 5
S 6	9 2 32	16°49'21	25°20	7°16	20°49	23°28	3°38	7°38	22°18	21°33	25°44	27°34	28°31	14°33	12°32	S 6
M 7	9 6 29	17°50'02	10♌30	8°56	22° 4	24° 8	3°49	7°41	22°20	21°32	25°43	27°23	28°28	14°40	12°33	M 7
T 8	9 10 25	18°50'43	25°34	10°36	23°20	24°48	4° 1	7°45	22°23	21°32	25°43	27°13	28°25	14°46	12°34	T 8
W 9	9 14 22	19°51'22	10♍21	12°18	24°35	25°28	4°12	7°48	22°25	21°31	25°43	27° 4	28°22	14°53	12°35	W 9
T 10	9 18 18	20°51'59	24°44	14° 0	25°50	26° 9	4°24	7°51	22°28	21°30	25°42	26°58	28°19	15° 0	12°36	T 10
F 11	9 22 15	21°52'36	8♎39	15°43	27° 5	26°49	4°35	7°55	22°30	21°29	25°42	26°54	28°16	15° 7	12°38	F 11
S 12	9 26 11	22°53'11	22° 5	17°27	28°20	27°29	4°47	7°58	22°32	21°29	25°41	26°D52	28°12	15°13	12°39	S 12
S 13	9 30 8	23°53'45	5♏ 4	19°12	29°35	28° 9	4°58	8° 2	22°34	21°28	25°41	26°52	28° 9	15°20	12°41	S 13
M14	9 34 4	24°54'18	17°39	20°57	0♓50	28°50	5° 9	8° 6	22°36	21°28	25°40	26°53	28° 6	15°27	12°42	M14
T 15	9 38 1	25°54'49	29°55	22°44	2° 5	29°30	5°20	8°10	22°39	21°27	25°40	26°R53	28° 3	15°33	12°44	T 15
W16	9 41 58	26°55'19	11♐57	24°32	3°21	0♉10	5°31	8°14	22°41	21°27	25°39	26°52	28° 0	15°40	12°45	W16
T 17	9 45 54	27°55'48	23°51	26°20	4°36	0°50	5°42	8°18	22°43	21°26	25°38	26°48	27°56	15°47	12°47	T 17
F 18	9 49 51	28°56'16	5♑42	28° 9	5°51	1°30	5°53	8°22	22°45	21°26	25°38	26°42	27°53	15°54	12°49	F 18
S 19	9 53 47	29°56'42	17°33	29°59	7° 6	2°11	6° 4	8°27	22°47	21°25	25°37	26°34	27°50	16° 0	12°51	S 19
S 20	9 57 44	0♓57'07	29°27	1♓51	8°21	2°51	6°14	8°31	22°48	21°25	25°36	26°24	27°47	16° 7	12°52	S 20
M21	10 1 40	1°57'30	11♒27	3°43	9°36	3°31	6°25	8°35	22°50	21°24	25°35	26°13	27°44	16°14	12°54	M21
T 22	10 5 37	2°57'51	23°35	5°35	10°51	4°11	6°35	8°40	22°52	21°24	25°34	26° 2	27°41	16°20	12°56	T 22
W23	10 9 33	3°58'11	5♓52	7°28	12° 6	4°51	6°45	8°45	22°54	21°24	25°34	25°53	27°37	16°27	12°58	W23
T 24	10 13 30	4°58'28	18°18	9°22	13°21	5°31	6°56	8°49	22°56	21°24	25°33	25°45	27°34	16°34	13° 1	T 24
F 25	10 17 27	5°58'45	0♈54	11°17	14°35	6°11	7° 6	8°54	22°57	21°23	25°32	25°39	27°31	16°41	13° 3	F 25
S 26	10 21 23	6°58'59	13°42	13°12	15°50	6°52	7°16	8°59	22°59	21°23	25°31	25°37	27°28	16°47	13° 5	S 26
S 27	10 25 20	7°59'11	26°40	15° 7	17° 5	7°32	7°26	9° 4	23° 0	21°23	25°30	25°D36	27°25	16°54	13° 7	S 27
M28	10 29 16	8♓59'21	9♉52	17♓ 2	18♓20	8♉12	7♑35	9♉ 9	23♐ 2	21♊23	25♎29	25♎37	27♎22	17♑ 1	13♉ 9	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s17	14n31	1s19	22s 1	1s42	17s44	1s18	8n10	0n19	23s12	0n14	11n49	2s19	23s20	0s 6	21n54	1s19	6n 4	17n11	10s47	11s 4	17s47	13n26	2s17
W 2	17 0	17 5	2 26	21 44	1 46	17 23	1 19	8 26	0 20	23 12	0 14	11 50	2 18	23 20	0 6	21 54	1 19	6 5	17 12	10 46	11 2	17 46	13 26	2 17
T 3	16 43	18 42	3 26	21 26	1 49	17 1	1 20	8 42	0 21	23 12	0 14	11 51	2 18	23 20	0 6	21 54	1 19	6 6	17 13	10 45	11 1	17 45	13 26	2 17
F 4	16 25	19 8	4 15	21 6	1 53	16 38	1 21	8 57	0 22	23 12	0 14	11 52	2 18	23 20	0 6	21 54	1 19	6 6	17 13	10 44	11 0	17 44	13 26	2 17
S 5	16 7	18 17	4 48	20 45	1 55	16 16	1 22	9 13	0 22	23 12	0 14	11 53	2 17	23 20	0 6	21 54	1 19	6 7	17 14	10 41	10 59	17 44	13 27	2 17
S 6	15 49	16 9	5 2	20 23	1 58	15 53	1 22	9 29	0 23	23 11	0 14	11 55	2 17	23 21	0 6	21 54	1 19	6 7	17 14	10 37	10 58	17 43	13 27	2 16
M 7	15 30	12 54	4 54	19 59	2 0	15 29	1 23	9 45	0 24	23 11	0 14	11 56	2 17	23 21	0 6	21 54	1 19	6 8	17 15	10 33	10 57	17 42	13 27	2 16
T 8	15 12	8 50	4 26	19 34	2 2	15 5	1 24	10 0	0 25	23 11	0 14	11 57	2 17	23 21	0 6	21 54	1 19	6 9	17 15	10 30	10 56	17 41	13 28	2 16
W 9	14 53	4 17	3 41	19 7	2 4	14 40	1 24	10 16	0 26	23 11	0 14	11 59	2 16	23 21	0 6	21 54	1 19	6 9	17 16	10 27	10 54	17 40	13 28	2 16
T 10	14 34	0s23	2 42	18 38	2 5	14 16	1 25	10 31	0 27	23 10	0 14	12 0	2 16	23 21	0 6	21 54	1 18	6 10	17 16	10 24	10 53	17 39	13 29	2 16
F 11	14 14	4 54	1 35	18 8	2 5	13 50	1 25	10 47	0 27	23 10	0 14	12 1	2 16	23 21	0 6	21 54	1 18	6 11	17 17	10 23	10 52	17 38	13 29	2 16
S 12	13 54	9 0	0 26	17 37	2 6	13 25	1 26	11 2	0 28	23 10	0 14	12 3	2 16	23 21	0 6	21 54	1 18	6 11	17 17	10 22	10 51	17 37	13 30	2 16
S 13	13 34	12 32	0n44	17 4	2 5	12 59	1 26	11 17	0 29	23 9	0 13	12 4	2 15	23 22	0 6	21 54	1 18	6 12	17 18	10 22	10 50	17 36	13 30	2 16
M14	13 14	15 23	1 49	16 30	2 5	12 32	1 27	11 32	0 30	23 9	0 13	12 6	2 15	23 22	0 6	21 54	1 18	6 13	17 18	10 23	10 49	17 35	13 31	2 16
T 15	12 54	17 26	2 47	15 54	2 4	12 6	1 27	11 47	0 30	23 9	0 13	12 7	2 15	23 22	0 6	21 54	1 18	6 13	17 19	10 23	10 48	17 34	13 31	2 16
W16	12 33	18 41	3 37	15 17	2 2	11 39	1 27	12 2	0 31	23 8	0 13	12 9	2 14	23 22	0 6	21 54	1 18	6 14	17 20	10 22	10 46	17 33	13 32	2 16
T 17	12 13	19 4	4 16	14 38	2 0	11 11	1 27	12 17	0 32	23 8	0 13	12 10	2 14	23 22	0 6	21 54	1 18	6 15	17 20	10 21	10 45	17 32	13 32	2 16
F 18	11 52	18 36	4 45	13 58	1 58	10 44	1 27	12 31	0 33	23 7	0 13	12 12	2 14	23 22	0 6	21 54	1 18	6 15	17 21	10 19	10 44	17 31	13 33	2 16
S 19	11 30	17 21	5 1	13 16	1 55	10 16	1 27	12 46	0 33	23 7	0 13	12 14	2 14	23 22	0 6	21 54	1 18	6 16	17 21	10 16	10 43	17 31	13 33	2 16
S 20	11 9	15 20	5 4	12 34	1 51	9 48	1 27	13 1	0 34	23 7	0 13	12 15	2 13	23 22	0 6	21 54	1 18	6 17	17 21	10 12	10 42	17 30	13 34	2 16
M21	10 48	12 39	4 54	11 49	1 47	9 19	1 27	13 15	0 35	23 6	0 13	12 17	2 13	23 23	0 6	21 54	1 18	6 18	17 22	10 8	10 41	17 29	13 35	2 16
T 22	10 26	9 25	4 31	11 3	1 42	8 51	1 27	13 29	0 35	23 6	0 13	12 19	2 13	23 23	0 6	21 54	1 18	6 18	17 22	10 4	10 40	17 28	13 35	2 16
W23	10 4	5 44	3 55	10 16	1 37	8 22	1 26	13 43	0 36	23 5	0 13	12 20	2 13	23 23	0 6	21 54	1 18	6 19	17 23	10 1	10 39	17 27	13 36	2 16
T 24	9 42	1 46	3 7	9 28	1 31	7 53	1 26	13 58	0 37	23 5	0 13	12 22	2 12	23 23	0 6	21 54	1 18	6 20	17 23	9 58	10 37	17 26	13 37	2 16
F 25	9 20	2n20	2 9	8 39	1 25	7 23	1 26	14 12	0 37	23 4	0 13	12 24	2 12	23 23	0 6	21 54	1 18	6 20	17 24	9 56	10 36	17 25	13 37	2 16
S 26	8 58	6 23	1 4	7 48	1 17	6 54	1 25	14 25	0 38	23 4	0 12	12 26	2 12	23 23	0 6	21 54	1 18	6 21	17 24	9 55	10 35	17 24	13 38	2 15
S 27	8 35	10 13	0s 6	6 57	1 10	6 24	1 24	14 39	0 39	23 3	0 12	12 27	2 12	23 23	0 6	21 54	1 18	6 22	17 25	9 55	10 34	17 23	13 39	2 15
M28	8s13	13n35	1s16	6s 4	1s 2	5s54	1s24	14n53	0n39	23s 3	0n12	12n29	2s11	23s23	0s 6	21n54	1s18	6n23	17n25	9s55	10s33	17s22	13n39	2s15

Julian Day Number = 2354786.5, Delta T = 12.12 sec
Ecliptic obliquity = 23°28'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'31, Lahiri = 20°09'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

MARCH 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 13	9♓59'29	23♉19	18♓57	19♓35	8♉52	7♑45	9♉14	23♐ 3	21°R23	25°R28	25♎38	27♎18	17♑ 8	13♉12	T 1
W 2	10 37 9	10°59'35	7♊ 2	20°52	20°50	9°32	7°55	9°19	23° 5	21♊23	25♎27	25°R39	27°15	17°14	13°14	W 2
T 3	10 41 6	11°59'39	21° 1	22°46	22° 5	10°12	8° 4	9°25	23° 6	21°D23	25°26	25°38	27°12	17°21	13°17	T 3
F 4	10 45 2	12°59'41	5♋17	24°39	23°19	10°52	8°13	9°30	23° 7	21°23	25°25	25°36	27° 9	17°28	13°19	F 4
S 5	10 48 59	13°59'40	19°47	26°31	24°34	11°32	8°23	9°35	23° 9	21°23	25°23	25°32	27° 6	17°34	13°22	S 5
S 6	10 52 56	14°59'37	4♌28	28°21	25°49	12°12	8°32	9°41	23°10	21°23	25°22	25°27	27° 2	17°41	13°25	S 6
M 7	10 56 52	15°59'33	19°12	0♍ 8	27° 3	12°52	8°41	9°46	23°11	21°23	25°21	25°21	26°59	17°48	13°27	M 7
T 8	11 0 49	16°59'26	3♍53	1°54	28°18	13°32	8°50	9°52	23°12	21°23	25°20	25°15	26°56	17°55	13°30	T 8
W 9	11 4 45	17°59'16	18°23	3°36	29°33	14°11	8°58	9°58	23°13	21°23	25°19	25°10	26°53	18° 1	13°33	W 9
T 10	11 8 42	18°59'05	2♎36	5°14	0♍47	14°51	9° 7	10° 4	23°14	21°24	25°17	25° 6	26°50	18° 8	13°36	T 10
F 11	11 12 38	19°58'52	16°26	6°48	2° 2	15°31	9°15	10° 9	23°15	21°24	25°16	25° 4	26°47	18°15	13°38	F 11
S 12	11 16 35	20°58'38	29°52	8°18	3°17	16°11	9°24	10°15	23°16	21°24	25°15	25°D 4	26°43	18°21	13°41	S 12
S 13	11 20 31	21°58'21	12♏54	9°43	4°31	16°51	9°32	10°21	23°17	21°25	25°14	25° 5	26°40	18°28	13°44	S 13
M14	11 24 28	22°58'03	25°34	11° 2	5°46	17°31	9°40	10°27	23°18	21°25	25°12	25° 7	26°37	18°35	13°47	M14
T 15	11 28 24	23°57'43	7♐55	12°15	7° 0	18°10	9°48	10°33	23°19	21°25	25°11	25° 8	26°34	18°42	13°50	T 15
W16	11 32 21	24°57'21	20° 2	13°21	8°15	18°50	9°56	10°40	23°19	21°26	25° 9	25°R 9	26°31	18°48	13°53	W16
T 17	11 36 18	25°56'57	1♑59	14°21	9°29	19°30	10° 3	10°46	23°20	21°26	25° 8	25° 9	26°28	18°55	13°57	T 17
F 18	11 40 14	26°56'32	13°51	15°14	10°43	20°10	10°11	10°52	23°20	21°27	25° 7	25° 8	26°24	19° 2	14° 0	F 18
S 19	11 44 11	27°56'05	25°44	15°59	11°58	20°49	10°18	10°58	23°21	21°27	25° 5	25° 5	26°21	19° 9	14° 3	S 19
S 20	11 48 7	28°55'36	7♒40	16°37	13°12	21°29	10°26	11° 5	23°21	21°28	25° 4	25° 2	26°18	19°15	14° 6	S 20
M21	11 52 4	29°55'05	19°45	17° 7	14°27	22° 9	10°33	11°11	23°22	21°28	25° 2	24°58	26°15	19°22	14°10	M21
T 22	11 56 0	0♈54'33	2♓ 0	17°29	15°41	22°48	10°40	11°18	23°22	21°29	25° 1	24°53	26°12	19°29	14°13	T 22
W23	11 59 57	1°53'58	14°27	17°44	16°55	23°28	10°46	11°24	23°23	21°30	24°59	24°50	26° 8	19°35	14°16	W23
T 24	12 3 53	2°53'21	27° 8	17°R51	18° 9	24° 8	10°53	11°31	23°23	21°30	24°58	24°47	26° 5	19°42	14°20	T 24
F 25	12 7 50	3°52'43	10♈ 4	17°50	19°24	24°47	11° 0	11°37	23°23	21°31	24°56	24°45	26° 2	19°49	14°23	F 25
S 26	12 11 47	4°52'02	23°13	17°42	20°38	25°27	11° 6	11°44	23°23	21°32	24°55	24°D44	25°59	19°56	14°27	S 26
S 27	12 15 43	5°51'19	6♉35	17°27	21°52	26° 6	11°12	11°51	23°23	21°33	24°53	24°45	25°56	20° 2	14°30	S 27
M28	12 19 40	6°50'34	20°10	17° 5	23° 6	26°46	11°18	11°58	23°23	21°33	24°51	24°46	25°53	20° 9	14°34	M28
T 29	12 23 36	7°49'47	3♊55	16°38	24°20	27°26	11°24	12° 5	23°R23	21°34	24°50	24°47	25°49	20°16	14°38	T 29
W30	12 27 33	8°48'57	17°51	16° 5	25°34	28° 5	11°30	12°11	23°23	21°35	24°48	24°48	25°46	20°22	14°41	W30
T 31	12 31 29	9♈48'06	1♋55	15♈28	26♈48	28♉45	11♑35	12♉18	23♐23	21♊36	24♎47	24♎49	25♎43	20♑29	14♉45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7s50	16n18	2s24	5s11	0s53	5s24	1s23	15n 6	0n40	23s 2	0n12	12n31	2s11	23s23	0s 6	21n54	1s18	6n23	17n26	9s55	10s32	17s21	13n40	2s15	T 1
W 2	7 27	18 9	3 25	4 17	0 43	4 54	1 22	15 20	0 41	23 2	0 12	12 33	2 11	23 23	0 6	21 54	1 17	6 24	17 26	9 56	10 31	17 20	13 41	2 15	W 2
T 3	7 4	18 56	4 15	3 23	0 33	4 24	1 22	15 33	0 41	23 1	0 12	12 35	2 11	23 24	0 6	21 54	1 17	6 25	17 26	9 55	10 29	17 19	13 42	2 15	T 3
F 4	6 41	18 32	4 50	2 28	0 23	3 53	1 21	15 46	0 42	23 1	0 12	12 37	2 11	23 24	0 6	21 54	1 17	6 26	17 27	9 55	10 28	17 18	13 42	2 15	F 4
S 5	6 18	16 56	5 8	1 34	0 11	3 23	1 20	15 59	0 42	23 0	0 12	12 39	2 10	23 24	0 6	21 54	1 17	6 27	17 27	9 53	10 27	17 17	13 43	2 15	S 5
S 6	5 55	14 13	5 6	0 39	0n 0	2 52	1 19	16 12	0 43	23 0	0 12	12 41	2 10	23 24	0 6	21 54	1 17	6 27	17 28	9 51	10 26	17 16	13 44	2 15	S 6
M 7	5 32	10 36	4 43	0n15	0 12	2 22	1 18	16 25	0 44	22 59	0 12	12 42	2 10	23 24	0 6	21 54	1 17	6 28	17 28	9 49	10 25	17 15	13 45	2 15	M 7
T 8	5 9	6 20	4 2	1 8	0 25	1 51	1 17	16 37	0 44	22 59	0 12	12 44	2 10	23 24	0 6	21 54	1 17	6 29	17 28	9 47	10 24	17 14	13 46	2 15	T 8
W 9	4 45	1 45	3 6	2 0	0 37	1 20	1 16	16 50	0 45	22 58	0 12	12 46	2 9	23 24	0 6	21 55	1 17	6 30	17 29	9 45	10 23	17 13	13 47	2 15	W 9
T 10	4 22	2s51	1 59	2 51	0 50	0 49	1 14	17 2	0 45	22 58	0 12	12 48	2 9	23 24	0 6	21 55	1 17	6 30	17 29	9 44	10 21	17 12	13 47	2 15	T 10
F 11	3 58	7 12	0 47	3 41	1 4	0 18	1 13	17 14	0 46	22 57	0 12	12 50	2 9	23 24	0 6	21 55	1 17	6 31	17 29	9 43	10 20	17 11	13 48	2 15	F 11
S 12	3 35	11 2	0n26	4 28	1 17	0n12	1 12	17 26	0 46	22 57	0 11	12 53	2 9	23 24	0 6	21 55	1 17	6 32	17 30	9 43	10 19	17 10	13 49	2 15	S 12
S 13	3 11	14 13	1 36	5 14	1 30	0 43	1 10	17 38	0 47	22 56	0 11	12 55	2 9	23 24	0 6	21 55	1 17	6 33	17 30	9 43	10 18	17 9	13 50	2 15	S 13
M14	2 48	16 36	2 39	5 57	1 43	1 14	1 9	17 50	0 47	22 56	0 11	12 57	2 8	23 24	0 6	21 55	1 17	6 33	17 30	9 44	10 17	17 8	13 51	2 15	M14
T 15	2 24	18 9	3 33	6 37	1 55	1 45	1 7	18 2	0 48	22 55	0 11	12 59	2 8	23 24	0 6	21 55	1 17	6 34	17 31	9 45	10 16	17 7	13 52	2 15	T 15
W16	2 0	18 50	4 16	7 14	2 8	2 16	1 6	18 13	0 48	22 55	0 11	13 1	2 8	23 24	0 6	21 55	1 17	6 35	17 31	9 45	10 14	17 6	13 53	2 15	W16
T 17	1 37	18 39	4 48	7 48	2 19	2 47	1 4	18 25	0 49	22 54	0 11	13 3	2 8	23 24	0 6	21 55	1 17	6 36	17 31	9 45	10 13	17 5	13 54	2 15	T 17
F 18	1 13	17 39	5 7	8 19	2 31	3 18	1 2	18 36	0 49	22 54	0 11	13 5	2 8	23 24	0 6	21 55	1 17	6 36	17 32	9 44	10 12	17 4	13 55	2 15	F 18
S 19	0 49	15 54	5 13	8 46	2 41	3 48	1 1	18 47	0 50	22 53	0 11	13 7	2 7	23 25	0 6	21 55	1 17	6 37	17 32	9 43	10 11	17 3	13 56	2 15	S 19
S 20	0 26	13 27	5 6	9 10	2 50	4 19	0 59	18 58	0 50	22 53	0 11	13 9	2 7	23 25	0 6	21 55	1 17	6 38	17 32	9 42	10 10	17 2	13 57	2 15	S 20
M21	0 2	10 24	4 45	9 29	2 59	4 49	0 57	19 9	0 51	22 52	0 11	13 11	2 7	23 25	0 6	21 55	1 16	6 39	17 32	9 41	10 9	17 1	13 58	2 15	M21
T 22	0n22	6 53	4 10	9 45	3 6	5 20	0 55	19 19	0 51	22 52	0 11	13 14	2 7	23 25	0 6	21 56	1 16	6 39	17 33	9 39	10 8	17 0	13 59	2 15	T 22
W23	0 45	3 0	3 24	9 56	3 13	5 50	0 53	19 30	0 52	22 51	0 11	13 16	2 7	23 25	0 6	21 56	1 16	6 40	17 33	9 38	10 6	16 59	14 0	2 15	W23
T 24	1 9	1n 6	2 26	10 3	3 18	6 20	0 51	19 40	0 52	22 51	0 11	13 18	2 7	23 25	0 6	21 56	1 16	6 41	17 33	9 37	10 5	16 58	14 1	2 15	T 24
F 25	1 33	5 13	1 20	10 6	3 21	6 50	0 49	19 50	0 52	22 51	0 10	13 20	2 6	23 25	0 6	21 56	1 16	6 42	17 33	9 36	10 4	16 57	14 2	2 15	F 25
S 26	1 56	9 10	0 8	10 5	3 23	7 20	0 47	20 0	0 53	22 50	0 10	13 22	2 6	23 25	0 6	21 56	1 16	6 42	17 34	9 36	10 3	16 56	14 3	2 15	S 26
S 27	2 20	12 43	1s 5	9 59	3 24	7 50	0 45	20 10	0 53	22 50	0 10	13 25	2 6	23 25	0 6	21 56	1 16	6 43	17 34	9 36	10 2	16 55	14 4	2 15	S 27
M28	2 43	15 38	2 16	9 50	3 22	8 19	0 43	20 20	0 54	22 49	0 10	13 27	2 6	23 25	0 6	21 56	1 16	6 44	17 34	9 36	10 1	16 54	14 5	2 15	M28
T 29	3 7	17 41	3 20	9 37	3 19	8 49	0 41	20 29	0 54	22 49	0 10	13 29	2 6	23 25	0 6	21 56	1 16	6 45	17 34	9 37	9 59	16 52	14 6	2 15	T 29
W30	3 30	18 43	4 13	9 20	3 15	9 18	0 39	20 39	0 55	22 48	0 10	13 31	2 6	23 25	0 6	21 56	1 16	6 45	17 34	9 37	9 58	16 51	14 7	2 15	W30
T 31	3n53	18n36	4s51	9n 0	3n 8	9n47	0s36	20n48	0n55	22s48	0n10	13n34	2s 5	23s25	0s 6	21n56	1s16	6n46	17n35	9s37	9s57	16s50	14n 8	2s15	T 31

Julian Day Number = 2354814.5, Delta T = 12.14 sec
Ecliptic obliquity = 23°28'18, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'35, Lahiri = 20°09'35Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

APRIL 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 35 26	10♈47'11	16♋ 6	14°R47	28♈ 2	29♉24	11♏41	12♉25	23°R23	21♊37	24°R45	24°R49	25♎40	20♏36	14♉49	F 1
S 2	12 39 22	11°46'15	0♌22	14♈ 2	29°16	0♊ 3	11°46	12°32	23♐23	21°38	24♎43	24♎48	25°37	20°43	14°52	S 2
S 3	12 43 19	12°45'16	14°40	13°16	0♉30	0°43	11°51	12°39	23°23	21°39	24°42	24°47	25°33	20°49	14°56	S 3
M 4	12 47 16	13°44'14	28°57	12°29	1°44	1°22	11°56	12°47	23°22	21°40	24°40	24°46	25°30	20°56	15° 0	M 4
T 5	12 51 12	14°43'11	13♍ 8	11°42	2°58	2° 2	12° 1	12°54	23°22	21°41	24°38	24°45	25°27	21° 3	15° 4	T 5
W 6	12 55 9	15°42'05	27°10	10°55	4°12	2°41	12° 5	13° 1	23°22	21°42	24°37	24°44	25°24	21°10	15° 8	W 6
T 7	12 59 5	16°40'57	10♎59	10°10	5°26	3°20	12°10	13° 8	23°21	21°43	24°35	24°43	25°21	21°16	15°11	T 7
F 8	13 3 2	17°39'47	24°32	9°27	6°40	4° 0	12°14	13°15	23°21	21°45	24°33	24°D43	25°18	21°23	15°15	F 8
S 9	13 6 58	18°38'35	7♏47	8°48	7°53	4°39	12°18	13°23	23°20	21°46	24°32	24°43	25°14	21°30	15°19	S 9
S 10	13 10 55	19°37'21	20°43	8°12	9° 7	5°18	12°22	13°30	23°20	21°47	24°30	24°43	25°11	21°36	15°23	S 10
M11	13 14 51	20°36'06	3♐21	7°40	10°21	5°57	12°26	13°37	23°19	21°48	24°28	24°44	25° 8	21°43	15°27	M11
T 12	13 18 48	21°34'48	15°43	7°13	11°34	6°37	12°29	13°45	23°18	21°50	24°27	24°44	25° 5	21°50	15°31	T 12
W13	13 22 45	22°33'29	27°51	6°50	12°48	7°16	12°33	13°52	23°18	21°51	24°25	24°44	25° 2	21°57	15°35	W13
T 14	13 26 41	23°32'08	9♑51	6°33	14° 2	7°55	12°36	13°59	23°17	21°52	24°23	24°45	24°59	22° 3	15°39	T 14
F 15	13 30 38	24°30'46	21°45	6°20	15°15	8°34	12°39	14° 7	23°16	21°54	24°22	24°45	24°55	22°10	15°43	F 15
S 16	13 34 34	25°29'22	3♒38	6°13	16°29	9°13	12°42	14°14	23°15	21°55	24°20	24°45	24°52	22°17	15°47	S 16
S 17	13 38 31	26°27'56	15°36	6°D11	17°42	9°52	12°45	14°22	23°14	21°56	24°18	24°45	24°49	22°23	15°52	S 17
M18	13 42 27	27°26'28	27°42	6°14	18°56	10°32	12°47	14°29	23°13	21°58	24°17	24°45	24°46	22°30	15°56	M18
T 19	13 46 24	28°24'59	10♓ 0	6°22	20° 9	11°11	12°49	14°37	23°12	21°59	24°15	24°45	24°43	22°37	16° 0	T 19
W20	13 50 20	29°23'28	22°34	6°35	21°22	11°50	12°51	14°44	23°11	22° 1	24°13	24°46	24°39	22°44	16° 4	W20
T 21	13 54 17	0♉21'55	5♈27	6°52	22°36	12°29	12°53	14°52	23°10	22° 2	24°11	24°46	24°36	22°50	16° 8	T 21
F 22	13 58 13	1°20'20	18°38	7°14	23°49	13° 8	12°55	15° 0	23° 9	22° 4	24°10	24°R46	24°33	22°57	16°12	F 22
S 23	14 2 10	2°18'44	2♉ 9	7°41	25° 2	13°47	12°57	15° 7	23° 8	22° 5	24° 8	24°46	24°30	23° 4	16°17	S 23
S 24	14 6 7	3°17'06	15°56	8°12	26°16	14°26	12°58	15°15	23° 6	22° 7	24° 6	24°46	24°27	23°11	16°21	S 24
M25	14 10 3	4°15'26	29°59	8°47	27°29	15° 5	12°59	15°23	23° 5	22° 9	24° 5	24°45	24°24	23°17	16°25	M25
T 26	14 14 0	5°13'44	14♊11	9°25	28°42	15°44	13° 0	15°30	23° 4	22°10	24° 3	24°44	24°20	23°24	16°29	T 26
W27	14 17 56	6°12'01	28°30	10° 8	29°55	16°23	13° 1	15°38	23° 2	22°12	24° 1	24°43	24°17	23°31	16°34	W27
T 28	14 21 53	7°10'15	12♋51	10°54	1♊ 8	17° 2	13° 2	15°46	23° 1	22°13	24° 0	24°42	24°14	23°37	16°38	T 28
F 29	14 25 49	8° 8'27	27°10	11°43	2°21	17°41	13° 2	15°53	22°59	22°15	23°58	24°41	24°11	23°44	16°42	F 29
S 30	14 29 46	9♉ 6'37	11♌24	12♈36	3♊34	18♊20	13♏ 2	16♉ 1	22♐58	22♊17	23♎57	24°D41	24♎ 8	23♏51	16♉46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n16	17n20	5s12	8n36	3n 1	10n16	0s34	20n57	0n55	22s48	0n10	13n36	2s 5	23s25	0s 6	21n57	1s16	6n47	17n35	9s37	9s56	16s49	14n 9	2s15
S 2	4 40	14 58	5 15	8 10	2 51	10 44	0 32	21 6	0 56	22 47	0 10	13 38	2 5	23 25	0 6	21 57	1 16	6 47	17 35	9 37	9 55	16 48	14 10	2 15
S 3	5 3	11 43	4 57	7 42	2 40	11 12	0 29	21 15	0 56	22 47	0 10	13 40	2 5	23 25	0 7	21 57	1 16	6 48	17 35	9 37	9 54	16 47	14 11	2 15
M 4	5 26	7 46	4 22	7 12	2 28	11 40	0 27	21 23	0 56	22 47	0 10	13 43	2 5	23 25	0 7	21 57	1 16	6 49	17 35	9 36	9 53	16 46	14 12	2 15
T 5	5 49	3 24	3 30	6 42	2 15	12 8	0 25	21 31	0 57	22 46	0 10	13 45	2 5	23 25	0 7	21 57	1 16	6 49	17 35	9 36	9 51	16 45	14 13	2 15
W 6	6 11	1s 7	2 27	6 10	2 0	12 35	0 22	21 40	0 57	22 46	0 9	13 47	2 5	23 25	0 7	21 57	1 16	6 50	17 35	9 35	9 50	16 44	14 15	2 15
T 7	6 34	5 30	1 15	5 38	1 45	13 2	0 20	21 48	0 58	22 46	0 9	13 49	2 4	23 25	0 7	21 57	1 16	6 51	17 35	9 35	9 49	16 43	14 16	2 15
F 8	6 56	9 32	0 1	5 7	1 29	13 29	0 17	21 55	0 58	22 45	0 9	13 52	2 4	23 25	0 7	21 57	1 16	6 51	17 35	9 35	9 48	16 42	14 17	2 15
S 9	7 19	12 59	1n12	4 37	1 13	13 56	0 15	22 3	0 58	22 45	0 9	13 54	2 4	23 25	0 7	21 57	1 16	6 52	17 35	9 35	9 47	16 41	14 18	2 15
S 10	7 41	15 43	2 19	4 7	0 56	14 22	0 12	22 11	0 59	22 45	0 9	13 56	2 4	23 25	0 7	21 58	1 16	6 53	17 36	9 35	9 46	16 40	14 19	2 15
M11	8 3	17 37	3 18	3 39	0 40	14 48	0 10	22 18	0 59	22 44	0 9	13 59	2 4	23 25	0 7	21 58	1 15	6 53	17 36	9 35	9 44	16 39	14 20	2 15
T 12	8 25	18 37	4 7	3 14	0 23	15 13	0 7	22 25	0 59	22 44	0 9	14 1	2 4	23 25	0 7	21 58	1 15	6 54	17 36	9 36	9 43	16 38	14 21	2 15
W13	8 47	18 44	4 43	2 50	0 7	15 38	0 4	22 32	1 0	22 44	0 9	14 3	2 4	23 25	0 7	21 58	1 15	6 55	17 36	9 36	9 42	16 36	14 22	2 15
T 14	9 9	18 1	5 7	2 28	0s 9	16 3	0 2	22 39	1 0	22 44	0 9	14 6	2 4	23 25	0 7	21 58	1 15	6 55	17 36	9 36	9 41	16 35	14 24	2 15
F 15	9 31	16 30	5 17	2 9	0 24	16 27	0n 1	22 45	1 0	22 44	0 9	14 8	2 3	23 25	0 7	21 58	1 15	6 56	17 36	9 36	9 40	16 34	14 25	2 15
S 16	9 52	14 17	5 13	1 53	0 39	16 51	0 4	22 52	1 0	22 43	0 9	14 10	2 3	23 25	0 7	21 58	1 15	6 56	17 36	9 36	9 39	16 33	14 26	2 15
S 17	10 13	11 27	4 56	1 39	0 53	17 14	0 6	22 58	1 1	22 43	0 8	14 12	2 3	23 25	0 7	21 58	1 15	6 57	17 36	9 36	9 37	16 32	14 27	2 15
M18	10 35	8 7	4 26	1 27	1 7	17 37	0 9	23 4	1 1	22 43	0 8	14 15	2 3	23 25	0 7	21 59	1 15	6 58	17 36	9 36	9 36	16 31	14 28	2 15
T 19	10 56	4 23	3 44	1 18	1 20	17 59	0 12	23 10	1 1	22 43	0 8	14 17	2 3	23 25	0 7	21 59	1 15	6 58	17 36	9 36	9 35	16 30	14 29	2 15
W20	11 16	0 22	2 49	1 12	1 32	18 21	0 14	23 15	1 2	22 43	0 8	14 19	2 3	23 25	0 7	21 59	1 15	6 59	17 35	9 36	9 34	16 29	14 30	2 15
T 21	11 37	3n46	1 45	1 9	1 43	18 43	0 17	23 21	1 2	22 43	0 8	14 22	2 3	23 24	0 7	21 59	1 15	6 59	17 35	9 36	9 33	16 28	14 32	2 15
F 22	11 57	7 50	0 34	1 8	1 54	19 4	0 20	23 26	1 2	22 43	0 8	14 24	2 3	23 24	0 7	21 59	1 15	7 0	17 35	9 36	9 32	16 27	14 33	2 16
S 23	12 18	11 36	0s41	1 9	2 4	19 25	0 22	23 31	1 2	22 43	0 8	14 26	2 3	23 24	0 7	21 59	1 15	7 0	17 35	9 36	9 30	16 25	14 34	2 16
S 24	12 38	14 48	1 55	1 13	2 13	19 45	0 25	23 36	1 3	22 43	0 8	14 29	2 3	23 24	0 7	21 59	1 15	7 1	17 35	9 36	9 29	16 24	14 35	2 16
M25	12 57	17 12	3 3	1 19	2 21	20 4	0 28	23 41	1 3	22 43	0 8	14 31	2 3	23 24	0 7	22 0	1 15	7 1	17 35	9 36	9 28	16 23	14 36	2 16
T 26	13 17	18 33	4 1	1 27	2 29	20 23	0 30	23 45	1 3	22 43	0 8	14 33	2 2	23 24	0 7	22 0	1 15	7 2	17 35	9 36	9 27	16 22	14 37	2 16
W27	13 36	18 44	4 44	1 38	2 36	20 42	0 33	23 50	1 3	22 43	0 7	14 35	2 2	23 24	0 7	22 0	1 15	7 2	17 35	9 35	9 26	16 21	14 38	2 16
T 28	13 55	17 43	5 9	1 50	2 42	21 0	0 36	23 54	1 4	22 43	0 7	14 38	2 2	23 24	0 7	22 0	1 15	7 3	17 35	9 35	9 25	16 20	14 40	2 16
F 29	14 14	15 35	5 16	2 5	2 47	21 17	0 38	23 58	1 4	22 43	0 7	14 40	2 2	23 24	0 7	22 0	1 15	7 3	17 35	9 34	9 23	16 19	14 41	2 16
S 30	14n33	12n32	5s 3	2n21	2s52	21n34	0n41	24n 1	1n 4	22s43	0n 7	14n42	2s 2	23s24	0s 7	22n 0	1s15	7n 3	17n34	9s34	9s22	16s18	14n42	2s16

Julian Day Number = 2354845.5, Delta T = 12.15 sec
Ecliptic obliquity = 23°28'17, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'39, Lahiri = 20°09'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

MAY 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 33 42	10♉ 4'45	25♌29	13♈32	4♊47	18♊58	13°R 2	16♉ 9	22°R56	22♊19	23°R55	24♎41	24♎ 4	23♑58	16♉51	S 1
M 2	14 37 39	11° 2'51	9♍26	14°31	6° 0	19°37	13♑ 2	16°16	22♐55	22°20	23♎53	24°42	24° 1	24° 4	16°55	M 2
T 3	14 41 36	12° 0'55	23°12	15°33	7°13	20°16	13° 2	16°24	22°53	22°22	23°52	24°43	23°58	24°11	16°59	T 3
W 4	14 45 32	12°58'57	6♎47	16°38	8°26	20°55	13° 1	16°32	22°51	22°24	23°50	24°44	23°55	24°18	17° 4	W 4
T 5	14 49 29	13°56'57	20° 9	17°46	9°39	21°34	13° 1	16°40	22°50	22°26	23°49	24°R45	23°52	24°24	17° 8	T 5
F 6	14 53 25	14°54'56	3♏18	18°56	10°52	22°12	13° 0	16°47	22°48	22°28	23°47	24°45	23°49	24°31	17°12	F 6
S 7	14 57 22	15°52'53	16°14	20° 9	12° 4	22°51	12°59	16°55	22°46	22°30	23°45	24°44	23°45	24°38	17°16	S 7
S 8	15 1 18	16°50'48	28°56	21°24	13°17	23°30	12°57	17° 3	22°45	22°31	23°44	24°41	23°42	24°45	17°21	S 8
M 9	15 5 15	17°48'42	11♐26	22°42	14°30	24° 9	12°56	17°11	22°43	22°33	23°42	24°38	23°39	24°51	17°25	M 9
T 10	15 9 11	18°46'35	23°43	24° 2	15°42	24°47	12°54	17°18	22°41	22°35	23°41	24°34	23°36	24°58	17°29	T 10
W11	15 13 8	19°44'26	5♑49	25°25	16°55	25°26	12°52	17°26	22°39	22°37	23°39	24°30	23°33	25° 5	17°34	W11
T 12	15 17 5	20°42'16	17°48	26°49	18° 7	26° 5	12°50	17°34	22°37	22°39	23°38	24°27	23°30	25°12	17°38	T 12
F 13	15 21 1	21°40'04	29°42	28°17	19°20	26°43	12°48	17°42	22°35	22°41	23°37	24°24	23°26	25°18	17°42	F 13
S 14	15 24 58	22°37'52	11♒35	29°46	20°32	27°22	12°46	17°49	22°33	22°43	23°35	24°22	23°23	25°25	17°47	S 14
S 15	15 28 54	23°35'38	23°31	1♉18	21°45	28° 1	12°43	17°57	22°31	22°45	23°34	24°D21	23°20	25°32	17°51	S 15
M16	15 32 51	24°33'23	5♓36	2°52	22°57	28°39	12°40	18° 5	22°29	22°47	23°32	24°22	23°17	25°38	17°55	M16
T 17	15 36 47	25°31'07	17°54	4°28	24° 9	29°18	12°38	18°13	22°27	22°49	23°31	24°23	23°14	25°45	18° 0	T 17
W18	15 40 44	26°28'50	0♈29	6° 6	25°21	29°56	12°34	18°20	22°25	22°51	23°30	24°25	23°10	25°52	18° 4	W18
T 19	15 44 40	27°26'31	13°26	7°47	26°34	0♋35	12°31	18°28	22°23	22°53	23°28	24°26	23° 7	25°59	18° 8	T 19
F 20	15 48 37	28°24'12	26°46	9°30	27°46	1°13	12°28	18°36	22°21	22°55	23°27	24°R27	23° 4	26° 5	18°12	F 20
S 21	15 52 34	29°21'52	10♉30	11°15	28°58	1°52	12°24	18°43	22°18	22°57	23°26	24°26	23° 1	26°12	18°17	S 21
S 22	15 56 30	0♊19'30	24°38	13° 2	0♋10	2°30	12°20	18°51	22°16	22°59	23°24	24°23	22°58	26°19	18°21	S 22
M23	16 0 27	1°17'07	9♊ 5	14°51	1°22	3° 9	12°16	18°59	22°14	23° 1	23°23	24°19	22°55	26°26	18°25	M23
T 24	16 4 23	2°14'44	23°45	16°43	2°34	3°47	12°12	19° 6	22°12	23° 4	23°22	24°13	22°51	26°32	18°29	T 24
W25	16 8 20	3°12'18	8♋31	18°37	3°46	4°26	12° 8	19°14	22° 9	23° 6	23°21	24° 8	22°48	26°39	18°34	W25
T 26	16 12 16	4° 9'52	23°16	20°33	4°58	5° 4	12° 3	19°22	22° 7	23° 8	23°19	24° 2	22°45	26°46	18°38	T 26
F 27	16 16 13	5° 7'24	7♌51	22°30	6°10	5°43	11°59	19°29	22° 5	23°10	23°18	23°58	22°42	26°52	18°42	F 27
S 28	16 20 9	6° 4'55	22°13	24°30	7°22	6°21	11°54	19°37	22° 3	23°12	23°17	23°56	22°39	26°59	18°46	S 28
S 29	16 24 6	7° 2'24	6♍19	26°32	8°33	7° 0	11°49	19°44	22° 0	23°14	23°16	23°D55	22°36	27° 6	18°50	S 29
M30	16 28 3	7°59'52	20° 6	28°36	9°45	7°38	11°44	19°52	21°58	23°16	23°15	23°55	22°32	27°13	18°55	M30
T 31	16 31 59	8♊57'19	3♎37	0♊42	10♋57	8♋17	11♑39	19♉59	21♐56	23♊19	23♎14	23♎57	22♎29	27♑19	18♉59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n52	8n46	4s32	2n39	2s56	21n50	0n43	24n 5	1n 4	22s43	0n 7	14n44	2s 2	23s24	0s 7	22n 0	1s15	7n 4	17n34	9s34	9s21	16s16	14n43	2s16
M 2	15 10	4 34	3 45	2 59	2 59	22 6	0 46	24 8	1 5	22 43	0 7	14 47	2 2	23 24	0 7	22 0	1 15	7 4	17 34	9 35	9 20	16 15	14 44	2 16
T 3	15 28	0 10	2 45	3 21	3 1	22 21	0 49	24 11	1 5	22 43	0 7	14 49	2 2	23 24	0 7	22 1	1 15	7 5	17 34	9 35	9 19	16 14	14 45	2 16
W 4	15 45	4s11	1 38	3 44	3 3	22 35	0 51	24 14	1 5	22 43	0 7	14 51	2 2	23 24	0 7	22 1	1 15	7 5	17 34	9 36	9 18	16 13	14 46	2 16
T 5	16 3	8 17	0 25	4 9	3 4	22 49	0 54	24 17	1 5	22 43	0 7	14 53	2 2	23 24	0 7	22 1	1 15	7 5	17 33	9 36	9 16	16 12	14 47	2 16
F 6	16 20	11 54	0n47	4 35	3 4	23 2	0 56	24 20	1 5	22 44	0 7	14 56	2 2	23 24	0 7	22 1	1 14	7 6	17 33	9 36	9 15	16 11	14 49	2 16
S 7	16 37	14 52	1 56	5 3	3 4	23 14	0 59	24 22	1 6	22 44	0 6	14 58	2 2	23 23	0 7	22 1	1 14	7 6	17 33	9 35	9 14	16 10	14 50	2 17
S 8	16 54	17 4	2 57	5 31	3 3	23 26	1 1	24 24	1 6	22 44	0 6	15 0	2 2	23 23	0 7	22 1	1 14	7 6	17 33	9 35	9 13	16 9	14 51	2 17
M 9	17 10	18 24	3 49	6 2	3 2	23 37	1 4	24 26	1 6	22 44	0 6	15 2	2 2	23 23	0 7	22 1	1 14	7 7	17 32	9 33	9 12	16 7	14 52	2 17
T 10	17 26	18 50	4 29	6 33	3 0	23 48	1 6	24 28	1 6	22 45	0 6	15 5	2 2	23 23	0 7	22 2	1 14	7 7	17 32	9 32	9 10	16 6	14 53	2 17
W11	17 42	18 24	4 57	7 6	2 57	23 58	1 8	24 30	1 6	22 45	0 6	15 7	2 2	23 23	0 7	22 2	1 14	7 7	17 32	9 31	9 9	16 5	14 54	2 17
T 12	17 57	17 9	5 11	7 39	2 54	24 7	1 11	24 31	1 7	22 45	0 6	15 9	2 2	23 23	0 7	22 2	1 14	7 7	17 32	9 29	9 8	16 4	14 55	2 17
F 13	18 12	15 9	5 12	8 14	2 50	24 15	1 13	24 33	1 7	22 46	0 6	15 11	2 2	23 23	0 7	22 2	1 14	7 8	17 31	9 28	9 7	16 3	14 56	2 17
S 14	18 27	12 32	4 59	8 50	2 45	24 23	1 15	24 34	1 7	22 46	0 6	15 13	2 2	23 23	0 7	22 2	1 14	7 8	17 31	9 27	9 6	16 2	14 58	2 17
S 15	18 42	9 23	4 34	9 26	2 40	24 30	1 17	24 34	1 7	22 46	0 6	15 15	2 2	23 23	0 7	22 2	1 14	7 8	17 31	9 27	9 5	16 0	14 59	2 17
M16	18 56	5 49	3 56	10 3	2 35	24 36	1 20	24 35	1 7	22 47	0 5	15 18	2 2	23 23	0 7	22 2	1 14	7 8	17 30	9 27	9 3	15 59	15 0	2 17
T 17	19 10	1 56	3 7	10 41	2 29	24 42	1 22	24 36	1 7	22 47	0 5	15 20	2 1	23 22	0 7	22 3	1 14	7 8	17 30	9 28	9 2	15 58	15 1	2 17
W18	19 24	2n 8	2 7	11 20	2 22	24 47	1 24	24 36	1 8	22 47	0 5	15 22	2 1	23 22	0 7	22 3	1 14	7 9	17 30	9 29	9 1	15 57	15 2	2 18
T 19	19 37	6 14	1 0	12 0	2 15	24 51	1 26	24 36	1 8	22 48	0 5	15 24	2 1	23 22	0 7	22 3	1 14	7 9	17 29	9 29	9 0	15 56	15 3	2 18
F 20	19 50	10 8	0s13	12 39	2 8	24 55	1 28	24 36	1 8	22 48	0 5	15 26	2 1	23 22	0 7	22 3	1 14	7 9	17 29	9 29	8 59	15 55	15 4	2 18
S 21	20 2	13 37	1 27	13 20	2 0	24 58	1 30	24 35	1 8	22 49	0 5	15 28	2 1	23 22	0 7	22 3	1 14	7 9	17 29	9 29	8 58	15 53	15 5	2 18
S 22	20 15	16 25	2 37	14 0	1 51	25 0	1 32	24 35	1 8	22 49	0 5	15 30	2 1	23 22	0 7	22 3	1 14	7 9	17 28	9 28	8 56	15 52	15 6	2 18
M23	20 27	18 14	3 39	14 41	1 42	25 1	1 33	24 34	1 8	22 50	0 5	15 32	2 1	23 22	0 7	22 3	1 14	7 9	17 28	9 26	8 55	15 51	15 7	2 18
T 24	20 38	18 52	4 27	15 22	1 33	25 2	1 35	24 33	1 8	22 50	0 4	15 34	2 1	23 22	0 7	22 3	1 14	7 9	17 28	9 24	8 54	15 50	15 8	2 18
W25	20 50	18 14	4 59	16 3	1 24	25 2	1 37	24 32	1 9	22 51	0 4	15 36	2 1	23 22	0 7	22 4	1 14	7 9	17 27	9 22	8 53	15 49	15 9	2 18
T 26	21 0	16 22	5 10	16 44	1 14	25 1	1 38	24 31	1 9	22 51	0 4	15 39	2 1	23 21	0 7	22 4	1 14	7 9	17 27	9 20	8 52	15 47	15 10	2 19
F 27	21 11	13 29	5 1	17 24	1 4	25 0	1 40	24 30	1 9	22 52	0 4	15 41	2 1	23 21	0 7	22 4	1 14	7 9	17 26	9 19	8 50	15 46	15 11	2 19
S 28	21 21	9 49	4 33	18 4	0 53	24 57	1 42	24 28	1 9	22 52	0 4	15 43	2 1	23 21	0 7	22 4	1 14	7 9	17 26	9 18	8 49	15 45	15 12	2 19
S 29	21 31	5 39	3 49	18 43	0 43	24 55	1 43	24 26	1 9	22 53	0 4	15 45	2 2	23 21	0 7	22 4	1 14	7 9	17 26	9 17	8 48	15 44	15 13	2 19
M30	21 40	1 17	2 53	19 21	0 32	24 51	1 44	24 24	1 9	22 54	0 4	15 47	2 2	23 21	0 7	22 4	1 14	7 9	17 25	9 18	8 47	15 43	15 14	2 19
T 31	21n49	3s 5	1s48	19n59	0s21	24n47	1n46	24n22	1n 9	22s54	0n 4	15n49	2s 2	23s21	0s 7	22n 4	1s14	7n 9	17n25	9s18	8s46	15s42	15n15	2s19

Julian Day Number = 2354875.5, Delta T = 12.17 sec
Ecliptic obliquity = 23°28'17, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'43, Lahiri = 20°09'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

JUNE 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 35 56	9♊54'45	16♎52	2♊49	12♋ 8	8♋55	11°R33	20♉ 7	21°R53	23♊21	23°R13	23♎58	22♎26	27♑26	19♉ 3	W 1
T 2	16 39 52	10°52'09	29°52	4°57	13°20	9°33	11♑28	20°14	21♐51	23°23	23♎12	23°R58	22°23	27°33	19° 7	T 2
F 3	16 43 49	11°49'32	12♏40	7° 7	14°31	10°12	11°22	20°22	21°48	23°25	23°11	23°56	22°20	27°39	19°11	F 3
S 4	16 47 45	12°46'55	25°16	9°17	15°42	10°50	11°16	20°29	21°46	23°27	23°10	23°52	22°16	27°46	19°15	S 4
S 5	16 51 42	13°44'16	7♐43	11°29	16°54	11°28	11°11	20°36	21°44	23°30	23° 9	23°46	22°13	27°53	19°19	S 5
M 6	16 55 38	14°41'37	20° 0	13°41	18° 5	12° 7	11° 5	20°44	21°41	23°32	23° 8	23°38	22°10	28° 0	19°23	M 6
T 7	16 59 35	15°38'56	2♑ 8	15°53	19°16	12°45	10°58	20°51	21°39	23°34	23° 7	23°29	22° 7	28° 6	19°27	T 7
W 8	17 3 32	16°36'16	14°10	18° 5	20°27	13°23	10°52	20°58	21°36	23°36	23° 6	23°19	22° 4	28°13	19°31	W 8
T 9	17 7 28	17°33'34	26° 6	20°16	21°38	14° 1	10°46	21° 5	21°34	23°38	23° 6	23°10	22° 1	28°20	19°35	T 9
F 10	17 11 25	18°30'52	7♒58	22°27	22°49	14°40	10°39	21°13	21°31	23°41	23° 5	23° 1	21°57	28°27	19°39	F 10
S 11	17 15 21	19°28'09	19°50	24°37	24° 0	15°18	10°33	21°20	21°29	23°43	23° 4	22°55	21°54	28°33	19°43	S 11
S 12	17 19 18	20°25'26	1♓45	26°47	25°11	15°56	10°26	21°27	21°27	23°45	23° 3	22°51	21°51	28°40	19°47	S 12
M13	17 23 14	21°22'43	13°48	28°54	26°22	16°34	10°19	21°34	21°24	23°47	23° 3	22°49	21°48	28°47	19°51	M13
T 14	17 27 11	22°19'59	26° 3	1♋ 1	27°33	17°13	10°12	21°41	21°22	23°50	23° 2	22°D49	21°45	28°53	19°55	T 14
W15	17 31 7	23°17'16	8♈36	3° 5	28°43	17°51	10° 5	21°48	21°19	23°52	23° 1	22°50	21°42	29° 0	19°58	W15
T 16	17 35 4	24°14'31	21°30	5° 8	29°54	18°29	9°58	21°55	21°17	23°54	23° 1	22°R50	21°38	29° 7	20° 2	T 16
F 17	17 39 1	25°11'47	4♉51	7° 9	1♌ 5	19° 7	9°51	22° 2	21°14	23°56	23° 0	22°50	21°35	29°14	20° 6	F 17
S 18	17 42 57	26° 9'03	18°39	9° 8	2°15	19°46	9°44	22° 9	21°12	23°59	23° 0	22°47	21°32	29°20	20°10	S 18
S 19	17 46 54	27° 6'18	2♊56	11° 5	3°26	20°24	9°36	22°16	21° 9	24° 1	22°59	22°42	21°29	29°27	20°13	S 19
M20	17 50 50	28° 3'33	17°36	13° 0	4°36	21° 2	9°29	22°23	21° 7	24° 3	22°59	22°35	21°26	29°34	20°17	M20
T 21	17 54 47	29° 0'48	2♋35	14°53	5°46	21°40	9°22	22°30	21° 5	24° 5	22°58	22°26	21°22	29°41	20°21	T 21
W22	17 58 43	29°58'02	17°43	16°43	6°56	22°18	9°14	22°36	21° 2	24° 7	22°58	22°16	21°19	29°47	20°24	W22
T 23	18 2 40	0♋55'16	2♌50	18°32	8° 7	22°56	9° 7	22°43	21° 0	24°10	22°58	22° 7	21°16	29°54	20°28	T 23
F 24	18 6 36	1°52'30	17°45	20°18	9°17	23°35	8°59	22°50	20°57	24°12	22°57	21°59	21°13	0♒ 1	20°31	F 24
S 25	18 10 33	2°49'43	2♍21	22° 2	10°27	24°13	8°52	22°56	20°55	24°14	22°57	21°54	21°10	0° 7	20°35	S 25
S 26	18 14 30	3°46'56	16°35	23°44	11°36	24°51	8°44	23° 3	20°53	24°16	22°57	21°51	21° 7	0°14	20°38	S 26
M27	18 18 26	4°44'08	0♎24	25°24	12°46	25°29	8°36	23° 9	20°50	24°19	22°56	21°D50	21° 3	0°21	20°42	M27
T 28	18 22 23	5°41'20	13°50	27° 1	13°56	26° 7	8°29	23°16	20°48	24°21	22°56	21°50	21° 0	0°28	20°45	T 28
W29	18 26 19	6°38'31	26°56	28°36	15° 6	26°45	8°21	23°22	20°45	24°23	22°56	21°R50	20°57	0°34	20°48	W29
T 30	18 30 16	7♋35'42	9♏43	0♌ 9	16♌15	27♋23	8♑13	23♉28	20♐43	24♊25	22♎56	21♎49	20♎54	0♒41	20♉52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n58	7s13	0s38	20n35	0s10	24n42	1n47	24n19	1n 9	22s55	0n 3	15n51	2s 2	23s21	0s 7	22n 5	1s14	7n 9	17n24	9s19	8s45	15s40	15n16	2s19
T 2	22 6	10 57	0n32	21 10	0n 1	24 36	1 48	24 17	1 9	22 55	0 3	15 52	2 2	23 21	0 7	22 5	1 14	7 9	17 24	9 19	8 43	15 39	15 17	2 19
F 3	22 14	14 5	1 39	21 43	0 11	24 29	1 49	24 14	1 9	22 56	0 3	15 54	2 2	23 20	0 7	22 5	1 14	7 9	17 23	9 18	8 42	15 38	15 18	2 20
S 4	22 22	16 31	2 40	22 14	0 22	24 22	1 50	24 11	1 10	22 57	0 3	15 56	2 2	23 20	0 7	22 5	1 14	7 9	17 23	9 16	8 41	15 37	15 19	2 20
S 5	22 29	18 7	3 33	22 43	0 32	24 15	1 51	24 8	1 10	22 57	0 3	15 58	2 2	23 20	0 7	22 5	1 14	7 9	17 22	9 14	8 40	15 36	15 20	2 20
M 6	22 36	18 51	4 15	23 10	0 42	24 6	1 52	24 5	1 10	22 58	0 3	16 0	2 2	23 20	0 7	22 5	1 14	7 9	17 22	9 11	8 39	15 34	15 21	2 20
T 7	22 42	18 43	4 45	23 34	0 51	23 57	1 53	24 1	1 10	22 58	0 3	16 2	2 2	23 20	0 7	22 5	1 14	7 9	17 22	9 8	8 37	15 33	15 22	2 20
W 8	22 48	17 43	5 2	23 56	1 0	23 47	1 54	23 57	1 10	22 59	0 2	16 4	2 2	23 20	0 7	22 5	1 14	7 9	17 21	9 4	8 36	15 32	15 23	2 20
T 9	22 53	15 58	5 5	24 15	1 9	23 37	1 54	23 53	1 10	23 0	0 2	16 6	2 2	23 20	0 7	22 5	1 14	7 8	17 21	9 1	8 35	15 31	15 24	2 20
F 10	22 58	13 33	4 55	24 32	1 17	23 26	1 55	23 49	1 10	23 0	0 2	16 7	2 2	23 19	0 7	22 6	1 14	7 8	17 20	8 58	8 34	15 29	15 25	2 21
S 11	23 3	10 34	4 33	24 45	1 24	23 14	1 55	23 45	1 10	23 1	0 2	16 9	2 2	23 19	0 7	22 6	1 14	7 8	17 20	8 55	8 33	15 28	15 26	2 21
S 12	23 8	7 9	3 58	24 56	1 30	23 1	1 56	23 41	1 10	23 2	0 2	16 11	2 2	23 19	0 7	22 6	1 14	7 8	17 19	8 54	8 31	15 27	15 27	2 21
M13	23 11	3 25	3 13	25 4	1 36	22 48	1 56	23 36	1 10	23 2	0 2	16 13	2 2	23 19	0 7	22 6	1 14	7 8	17 19	8 53	8 30	15 26	15 27	2 21
T 14	23 15	0n33	2 18	25 10	1 42	22 35	1 56	23 31	1 10	23 3	0 2	16 15	2 2	23 19	0 7	22 6	1 14	7 7	17 18	8 53	8 29	15 25	15 28	2 21
W15	23 18	4 34	1 15	25 12	1 46	22 21	1 56	23 26	1 10	23 4	0 1	16 16	2 2	23 19	0 7	22 6	1 14	7 7	17 18	8 53	8 28	15 23	15 29	2 21
T 16	23 21	8 30	0 7	25 12	1 50	22 6	1 57	23 21	1 10	23 4	0 1	16 18	2 2	23 18	0 7	22 6	1 14	7 7	17 17	8 54	8 27	15 22	15 30	2 22
F 17	23 23	12 9	1s 4	25 9	1 53	21 50	1 57	23 16	1 10	23 5	0 1	16 20	2 2	23 18	0 7	22 6	1 14	7 7	17 16	8 53	8 26	15 21	15 31	2 22
S 18	23 25	15 16	2 13	25 4	1 55	21 34	1 56	23 11	1 10	23 6	0 1	16 22	2 2	23 18	0 8	22 6	1 14	7 6	17 16	8 52	8 24	15 20	15 32	2 22
S 19	23 26	17 34	3 16	24 57	1 57	21 18	1 56	23 5	1 10	23 6	0 1	16 23	2 2	23 18	0 8	22 7	1 14	7 6	17 15	8 51	8 23	15 18	15 32	2 22
M20	23 27	18 46	4 9	24 47	1 58	21 1	1 56	22 59	1 10	23 7	0 1	16 25	2 3	23 18	0 8	22 7	1 14	7 6	17 15	8 48	8 22	15 17	15 33	2 22
T 21	23 28	18 42	4 45	24 35	1 58	20 43	1 55	22 53	1 11	23 8	0 1	16 26	2 3	23 18	0 8	22 7	1 14	7 5	17 14	8 45	8 21	15 16	15 34	2 23
W22	23 28	17 19	5 2	24 21	1 57	20 25	1 55	22 47	1 11	23 8	0 0	16 28	2 3	23 18	0 8	22 7	1 14	7 5	17 14	8 41	8 20	15 15	15 35	2 23
T 23	23 28	14 44	4 57	24 6	1 56	20 6	1 54	22 41	1 11	23 9	0 0	16 30	2 3	23 17	0 8	22 7	1 14	7 4	17 13	8 37	8 18	15 13	15 36	2 23
F 24	23 27	11 12	4 33	23 48	1 54	19 47	1 54	22 34	1 11	23 10	0 0	16 31	2 3	23 17	0 8	22 7	1 14	7 4	17 13	8 35	8 17	15 12	15 36	2 23
S 25	23 26	7 3	3 51	23 30	1 51	19 27	1 53	22 28	1 11	23 10	0 0	16 33	2 3	23 17	0 8	22 7	1 14	7 4	17 12	8 33	8 16	15 11	15 37	2 23
S 26	23 25	2 36	2 55	23 9	1 48	19 7	1 52	22 21	1 11	23 11	0s 0	16 34	2 3	23 17	0 8	22 7	1 14	7 3	17 12	8 31	8 15	15 10	15 38	2 23
M27	23 23	1s52	1 51	22 47	1 44	18 47	1 51	22 14	1 11	23 12	0 0	16 36	2 3	23 17	0 8	22 7	1 14	7 3	17 11	8 31	8 14	15 8	15 38	2 24
T 28	23 21	6 7	0 42	22 24	1 39	18 25	1 50	22 7	1 11	23 12	0 0	16 37	2 3	23 17	0 8	22 8	1 14	7 2	17 10	8 31	8 12	15 7	15 39	2 24
W29	23 18	9 58	0n27	22 0	1 34	18 4	1 49	21 59	1 11	23 13	0 0	16 39	2 3	23 16	0 8	22 8	1 14	7 2	17 10	8 31	8 11	15 6	15 40	2 24
T 30	23n15	13s16	1n33	21n35	1n29	17n42	1n48	21n52	1n11	23s14	0s 1	16n40	2s 3	23s16	0s 8	22n 8	1s14	7n 1	17n 9	8s31	8s10	15s 5	15n41	2s24

Julian Day Number = 2354906.5, Delta T = 12.19 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'48, Lahiri = 20°09'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

JULY 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 34 12	8♋32'53	22♏17	1♌40	17♌25	28♋ 1	8°R 5	23♉35	20°R41	24♊27	22°R56	21°R45	20♎51	0♒48	20♉55	F 1
S 2	18 38 9	9°30'03	4♐38	3° 8	18°34	28°40	7♑58	23°41	20♐39	24°30	22♎56	21♎39	20°48	0°54	20°58	S 2
S 3	18 42 5	10°27'14	16°51	4°35	19°43	29°18	7°50	23°47	20°36	24°32	22°56	21°31	20°44	1° 1	21° 1	S 3
M 4	18 46 2	11°24'24	28°57	5°58	20°52	29°56	7°42	23°53	20°34	24°34	22°D56	21°20	20°41	1° 8	21° 5	M 4
T 5	18 49 59	12°21'35	10♑58	7°20	22° 1	0♌34	7°35	23°59	20°32	24°36	22°56	21° 7	20°38	1°15	21° 8	T 5
W 6	18 53 55	13°18'46	22°54	8°39	23°10	1°12	7°27	24° 5	20°30	24°38	22°56	20°53	20°35	1°21	21°11	W 6
T 7	18 57 52	14°15'57	4♒47	9°55	24°19	1°50	7°20	24°11	20°28	24°40	22°56	20°40	20°32	1°28	21°14	T 7
F 8	19 1 48	15°13'08	16°38	11°10	25°28	2°28	7°12	24°17	20°25	24°42	22°56	20°28	20°28	1°35	21°17	F 8
S 9	19 5 45	16°10'19	28°31	12°21	26°36	3° 6	7° 4	24°23	20°23	24°45	22°56	20°19	20°25	1°42	21°20	S 9
S 10	19 9 41	17° 7'31	10♓27	13°30	27°45	3°44	6°57	24°28	20°21	24°47	22°56	20°12	20°22	1°48	21°23	S 10
M11	19 13 38	18° 4'43	22°30	14°36	28°53	4°22	6°49	24°34	20°19	24°49	22°57	20° 8	20°19	1°55	21°25	M11
T 12	19 17 34	19° 1'56	4♈44	15°40	0♍ 2	5° 0	6°42	24°40	20°17	24°51	22°57	20° 6	20°16	2° 2	21°28	T 12
W13	19 21 31	19°59'10	17°14	16°40	1°10	5°38	6°35	24°45	20°15	24°53	22°57	20° 6	20°13	2° 8	21°31	W13
T 14	19 25 28	20°56'24	0♉ 5	17°38	2°18	6°16	6°27	24°51	20°13	24°55	22°57	20° 6	20° 9	2°15	21°34	T 14
F 15	19 29 24	21°53'39	13°20	18°33	3°26	6°54	6°20	24°56	20°11	24°57	22°58	20° 5	20° 6	2°22	21°36	F 15
S 16	19 33 21	22°50'55	27° 4	19°24	4°33	7°32	6°13	25° 1	20° 9	24°59	22°58	20° 2	20° 3	2°29	21°39	S 16
S 17	19 37 17	23°48'11	11♊18	20°12	5°41	8°10	6° 6	25° 7	20° 7	25° 1	22°59	19°57	20° 0	2°35	21°42	S 17
M18	19 41 14	24°45'29	25°59	20°57	6°49	8°49	5°59	25°12	20° 5	25° 3	22°59	19°49	19°57	2°42	21°44	M18
T 19	19 45 10	25°42'47	11♋ 2	21°37	7°56	9°27	5°52	25°17	20° 3	25° 5	23° 0	19°39	19°54	2°49	21°47	T 19
W20	19 49 7	26°40'05	26°18	22°15	9° 3	10° 5	5°45	25°22	20° 2	25° 7	23° 0	19°28	19°50	2°55	21°49	W20
T 21	19 53 4	27°37'25	11♌37	22°48	10°11	10°43	5°39	25°27	20° 0	25° 9	23° 1	19°18	19°47	3° 2	21°51	T 21
F 22	19 57 0	28°34'44	26°46	23°17	11°18	11°21	5°32	25°32	19°58	25°11	23° 1	19° 9	19°44	3° 9	21°54	F 22
S 23	20 0 57	29°32'05	11♍36	23°42	12°25	11°59	5°26	25°37	19°56	25°13	23° 2	19° 3	19°41	3°16	21°56	S 23
S 24	20 4 53	0♌29'25	26° 1	24° 2	13°31	12°37	5°19	25°41	19°55	25°15	23° 3	18°59	19°38	3°22	21°58	S 24
M25	20 8 50	1°26'46	9♎58	24°18	14°38	13°15	5°13	25°46	19°53	25°17	23° 3	18°57	19°34	3°29	22° 0	M25
T 26	20 12 46	2°24'08	23°28	24°29	15°44	13°53	5° 7	25°51	19°51	25°19	23° 4	18°D57	19°31	3°36	22° 2	T 26
W27	20 16 43	3°21'30	6♏33	24°35	16°51	14°31	5° 1	25°55	19°50	25°20	23° 5	18°R57	19°28	3°42	22° 4	W27
T 28	20 20 39	4°18'53	19°17	24°R35	17°57	15° 9	4°55	26° 0	19°48	25°22	23° 6	18°56	19°25	3°49	22° 6	T 28
F 29	20 24 36	5°16'16	1♐44	24°31	19° 3	15°47	4°49	26° 4	19°47	25°24	23° 7	18°54	19°22	3°56	22° 8	F 29
S 30	20 28 32	6°13'40	13°58	24°22	20° 8	16°25	4°44	26° 8	19°45	25°26	23° 7	18°48	19°19	4° 3	22°10	S 30
S 31	20 32 29	7♌11'05	26♐ 2	24♌ 7	21♍14	17♌ 3	4♑38	26♉12	19♐44	25♊28	23♎ 8	18♎41	19♎15	4♒ 9	22♉12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n12	15s53	2n34	21n 9	1n22	17n19	1n46	21n44	1n11	23s14	0s 1	16n42	2s 4	23s16	0s 8	22n 8	1s14	7n 1	17n 9	8s29	8s 9	15s 3	15n41	2s24
S 2	23 8	17 43	3 26	20 43	1 16	16 57	1 45	21 37	1 11	23 15	0 1	16 43	2 4	23 16	0 8	22 8	1 14	7 0	17 8	8 27	8 8	15 2	15 42	2 25
S 3	23 4	18 43	4 8	20 15	1 8	16 33	1 43	21 29	1 11	23 15	0 1	16 45	2 4	23 16	0 8	22 8	1 14	7 0	17 8	8 24	8 6	15 1	15 42	2 25
M 4	22 59	18 50	4 38	19 47	1 1	16 10	1 42	21 21	1 11	23 16	0 1	16 46	2 4	23 16	0 8	22 8	1 14	6 59	17 7	8 20	8 5	15 0	15 43	2 25
T 5	22 54	18 7	4 55	19 18	0 52	15 46	1 40	21 12	1 11	23 17	0 1	16 47	2 4	23 16	0 8	22 8	1 14	6 59	17 6	8 15	8 4	14 58	15 44	2 25
W 6	22 48	16 36	5 0	18 50	0 44	15 21	1 38	21 4	1 11	23 17	0 1	16 49	2 4	23 15	0 8	22 8	1 14	6 58	17 6	8 10	8 3	14 57	15 44	2 25
T 7	22 42	14 23	4 51	18 20	0 35	14 57	1 36	20 56	1 11	23 18	0 2	16 50	2 4	23 15	0 8	22 8	1 14	6 58	17 5	8 5	8 2	14 56	15 45	2 26
F 8	22 36	11 35	4 30	17 51	0 25	14 31	1 34	20 47	1 11	23 18	0 2	16 51	2 4	23 15	0 8	22 8	1 14	6 57	17 5	8 0	8 0	14 54	15 45	2 26
S 9	22 29	8 18	3 57	17 21	0 15	14 6	1 32	20 38	1 11	23 19	0 2	16 53	2 4	23 15	0 8	22 8	1 14	6 56	17 4	7 57	7 59	14 53	15 46	2 26
S 10	22 22	4 41	3 13	16 52	0 5	13 40	1 29	20 29	1 11	23 19	0 2	16 54	2 5	23 15	0 8	22 9	1 14	6 56	17 4	7 54	7 58	14 52	15 47	2 26
M11	22 15	0 50	2 20	16 22	0s 6	13 14	1 27	20 20	1 10	23 20	0 2	16 55	2 5	23 15	0 8	22 9	1 14	6 55	17 3	7 53	7 57	14 51	15 47	2 27
T 12	22 7	3n 7	1 20	15 53	0 17	12 48	1 25	20 11	1 10	23 20	0 2	16 56	2 5	23 15	0 8	22 9	1 14	6 55	17 2	7 52	7 56	14 49	15 48	2 27
W13	21 59	7 1	0 15	15 24	0 29	12 21	1 22	20 1	1 10	23 21	0 2	16 58	2 5	23 14	0 8	22 9	1 14	6 54	17 2	7 52	7 55	14 48	15 48	2 27
T 14	21 50	10 42	0s53	14 55	0 41	11 54	1 19	19 52	1 10	23 21	0 3	16 59	2 5	23 14	0 8	22 9	1 14	6 53	17 1	7 52	7 53	14 47	15 49	2 27
F 15	21 41	13 58	2 0	14 27	0 53	11 27	1 17	19 42	1 10	23 22	0 3	17 0	2 5	23 14	0 8	22 9	1 14	6 53	17 1	7 52	7 52	14 45	15 49	2 27
S 16	21 32	16 35	3 2	13 59	1 5	11 0	1 14	19 33	1 10	23 22	0 3	17 1	2 5	23 14	0 8	22 9	1 14	6 52	17 0	7 51	7 51	14 44	15 49	2 28
S 17	21 22	18 16	3 56	13 32	1 18	10 32	1 11	19 23	1 10	23 23	0 3	17 2	2 5	23 14	0 8	22 9	1 14	6 51	16 59	7 49	7 50	14 43	15 50	2 28
M18	21 12	18 49	4 35	13 6	1 31	10 4	1 8	19 13	1 10	23 23	0 3	17 3	2 6	23 14	0 8	22 9	1 14	6 51	16 59	7 46	7 49	14 42	15 50	2 28
T 19	21 2	18 4	4 57	12 41	1 44	9 36	1 5	19 2	1 10	23 24	0 3	17 4	2 6	23 14	0 8	22 9	1 14	6 50	16 58	7 42	7 47	14 40	15 51	2 28
W20	20 51	16 2	4 59	12 16	1 57	9 8	1 1	18 52	1 10	23 24	0 3	17 6	2 6	23 13	0 8	22 9	1 14	6 49	16 58	7 38	7 46	14 39	15 51	2 29
T 21	20 40	12 52	4 38	11 53	2 10	8 39	0 58	18 42	1 10	23 25	0 4	17 7	2 6	23 13	0 8	22 9	1 14	6 48	16 57	7 34	7 45	14 38	15 51	2 29
F 22	20 28	8 52	3 59	11 31	2 23	8 11	0 55	18 31	1 10	23 25	0 4	17 8	2 6	23 13	0 8	22 9	1 14	6 48	16 57	7 31	7 44	14 36	15 52	2 29
S 23	20 17	4 23	3 4	11 11	2 36	7 42	0 51	18 20	1 10	23 25	0 4	17 9	2 6	23 13	0 8	22 9	1 14	6 47	16 56	7 28	7 42	14 35	15 52	2 29
S 24	20 4	0s13	1 58	10 52	2 50	7 13	0 47	18 10	1 10	23 26	0 4	17 10	2 7	23 13	0 8	22 9	1 14	6 46	16 55	7 27	7 41	14 34	15 52	2 30
M25	19 52	4 41	0 47	10 34	3 3	6 44	0 44	17 59	1 10	23 26	0 4	17 10	2 7	23 13	0 8	22 9	1 14	6 45	16 55	7 26	7 40	14 32	15 53	2 30
T 26	19 39	8 45	0n24	10 18	3 15	6 14	0 40	17 48	1 10	23 27	0 4	17 11	2 7	23 13	0 8	22 10	1 14	6 44	16 54	7 26	7 39	14 31	15 53	2 30
W27	19 26	12 16	1 32	10 5	3 28	5 45	0 36	17 37	1 10	23 27	0 4	17 12	2 7	23 13	0 8	22 10	1 14	6 44	16 54	7 26	7 38	14 30	15 53	2 30
T 28	19 12	15 7	2 33	9 53	3 40	5 16	0 32	17 25	1 10	23 27	0 5	17 13	2 7	23 13	0 8	22 10	1 14	6 43	16 53	7 26	7 36	14 28	15 54	2 31
F 29	18 59	17 10	3 26	9 43	3 52	4 46	0 28	17 14	1 9	23 28	0 5	17 14	2 7	23 12	0 8	22 10	1 14	6 42	16 53	7 25	7 35	14 27	15 54	2 31
S 30	18 44	18 24	4 8	9 36	4 3	4 16	0 23	17 2	1 9	23 28	0 5	17 15	2 7	23 12	0 8	22 10	1 14	6 41	16 52	7 23	7 34	14 26	15 54	2 31
S 31	18n30	18s46	4n39	9n31	4s13	3n46	0n19	16n51	1n 9	23s28	0s 5	17n16	2s 8	23s12	0s 8	22n10	1s14	6n40	16n51	7s20	7s33	14s24	15n54	2s31

Julian Day Number = 2354936.5, Delta T = 12.21 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'52, Lahiri = 20°09'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

AUGUST 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 36 26	8♌ 8'31	8♑ 1	23°R47	22♍19	17♌41	4°R33	26♉16	19°R43	25♊29	23♎ 9	18°R30	19♎12	4♒16	22♉14	M 1
T 2	20 40 22	9° 5'57	19°56	23♌23	23°24	18°19	4♑28	26°20	19♐41	25°31	23°10	18♎19	19° 9	4°23	22°15	T 2
W 3	20 44 19	10° 3'24	1♒49	22°53	24°29	18°57	4°23	26°24	19°40	25°33	23°11	18° 6	19° 6	4°30	22°17	W 3
T 4	20 48 15	11° 0'52	13°41	22°19	25°34	19°36	4°18	26°28	19°39	25°35	23°12	17°54	19° 3	4°36	22°19	T 4
F 5	20 52 12	11°58'22	25°35	21°40	26°39	20°14	4°13	26°32	19°38	25°36	23°13	17°43	18°59	4°43	22°20	F 5
S 6	20 56 8	12°55'52	7♓31	20°58	27°43	20°52	4° 9	26°35	19°37	25°38	23°14	17°34	18°56	4°50	22°22	S 6
S 7	21 0 5	13°53'24	19°32	20°13	28°47	21°30	4° 4	26°39	19°35	25°40	23°16	17°28	18°53	4°56	22°23	S 7
M 8	21 4 1	14°50'56	1♈40	19°26	29°51	22° 8	4° 0	26°42	19°34	25°41	23°17	17°25	18°50	5° 3	22°24	M 8
T 9	21 7 58	15°48'31	13°59	18°37	0♎55	22°46	3°56	26°46	19°33	25°43	23°18	17°D24	18°47	5°10	22°26	T 9
W10	21 11 55	16°46'06	26°31	17°47	1°58	23°24	3°52	26°49	19°32	25°44	23°19	17°24	18°44	5°17	22°27	W10
T 11	21 15 51	17°43'43	9♉21	16°58	3° 2	24° 2	3°49	26°52	19°31	25°46	23°20	17°25	18°40	5°23	22°28	T 11
F 12	21 19 48	18°41'22	22°34	16°10	4° 5	24°40	3°45	26°55	19°31	25°47	23°22	17°R25	18°37	5°30	22°29	F 12
S 13	21 23 44	19°39'02	6♊11	15°24	5° 8	25°18	3°42	26°58	19°30	25°49	23°23	17°24	18°34	5°37	22°30	S 13
S 14	21 27 41	20°36'44	20°15	14°41	6°10	25°56	3°38	27° 1	19°29	25°50	23°24	17°20	18°31	5°43	22°31	S 14
M15	21 31 37	21°34'28	4♋46	14° 3	7°12	26°35	3°35	27° 4	19°28	25°52	23°26	17°15	18°28	5°50	22°32	M15
T 16	21 35 34	22°32'13	19°38	13°29	8°14	27°13	3°33	27° 7	19°28	25°53	23°27	17° 8	18°25	5°57	22°33	T 16
W17	21 39 30	23°30'00	4♌47	13° 1	9°16	27°51	3°30	27° 9	19°27	25°55	23°29	17° 0	18°21	6° 4	22°34	W17
T 18	21 43 27	24°27'48	20° 1	12°39	10°17	28°29	3°27	27°12	19°26	25°56	23°30	16°52	18°18	6°10	22°34	T 18
F 19	21 47 24	25°25'38	5♍10	12°24	11°19	29° 7	3°25	27°14	19°26	25°57	23°31	16°45	18°15	6°17	22°35	F 19
S 20	21 51 20	26°23'29	20° 4	12°16	12°19	29°45	3°23	27°16	19°25	25°59	23°33	16°41	18°12	6°24	22°36	S 20
S 21	21 55 17	27°21'21	4♎36	12°D16	13°20	0♍24	3°21	27°18	19°25	26° 0	23°35	16°38	18° 9	6°30	22°36	S 21
M22	21 59 13	28°19'14	18°41	12°24	14°20	1° 2	3°19	27°21	19°24	26° 1	23°36	16°D38	18° 5	6°37	22°37	M22
T 23	22 3 10	29°17'09	2♏18	12°40	15°20	1°40	3°18	27°23	19°24	26° 2	23°38	16°38	18° 2	6°44	22°37	T 23
W24	22 7 6	0♍15'05	15°28	13° 4	16°19	2°18	3°16	27°24	19°24	26° 3	23°39	16°40	17°59	6°51	22°37	W24
T 25	22 11 3	1°13'03	28°15	13°35	17°19	2°56	3°15	27°26	19°24	26° 5	23°41	16°R40	17°56	6°57	22°38	T 25
F 26	22 14 59	2°11'02	10♐42	14°15	18°17	3°35	3°14	27°28	19°23	26° 6	23°43	16°40	17°53	7° 4	22°38	F 26
S 27	22 18 56	3° 9'02	22°54	15° 2	19°16	4°13	3°13	27°29	19°23	26° 7	23°44	16°38	17°50	7°11	22°38	S 27
S 28	22 22 53	4° 7'03	4♑56	15°57	20°14	4°51	3°13	27°31	19°23	26° 8	23°46	16°34	17°46	7°17	22°38	S 28
M29	22 26 49	5° 5'06	16°52	16°59	21°11	5°29	3°12	27°32	19°D23	26° 9	23°48	16°28	17°43	7°24	22°R38	M29
T 30	22 30 46	6° 3'11	28°44	18° 7	22° 8	6° 8	3°12	27°33	19°23	26°10	23°49	16°22	17°40	7°31	22°38	T 30
W31	22 34 42	7♍ 1'17	10♒36	19♌22	23♎ 5	6♍46	3°D12	27♉35	19♐23	26♊11	23♎51	16♎14	17♎37	7♒38	22♉38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n15	18s18	4n57	9n29	4s22	3n17	0n15	16n39	1n 9	23s29	0s 5	17n16	2s 8	23s12	0s 8	22n10	1s14	6n40	16n51	7s16	7s32	14s23	15n55	2s32
T 2	18 0	17 1	5 2	9 29	4 30	2 47	0 10	16 27	1 9	23 29	0 5	17 17	2 8	23 12	0 8	22 10	1 14	6 39	16 50	7 11	7 30	14 22	15 55	2 32
W 3	17 45	15 1	4 53	9 32	4 37	2 17	0 6	16 15	1 9	23 29	0 5	17 18	2 8	23 12	0 8	22 10	1 14	6 38	16 50	7 6	7 29	14 21	15 55	2 32
T 4	17 29	12 23	4 32	9 38	4 43	1 47	0 1	16 3	1 9	23 29	0 5	17 19	2 8	23 12	0 8	22 10	1 14	6 37	16 49	7 2	7 28	14 19	15 55	2 32
F 5	17 13	9 15	3 59	9 46	4 47	1 17	0s 4	15 51	1 9	23 30	0 6	17 19	2 8	23 12	0 8	22 10	1 14	6 36	16 49	6 58	7 27	14 18	15 55	2 33
S 6	16 57	5 44	3 16	9 56	4 50	0 47	0 9	15 39	1 9	23 30	0 6	17 20	2 9	23 12	0 8	22 10	1 14	6 35	16 48	6 54	7 26	14 17	15 55	2 33
S 7	16 41	1 58	2 23	10 9	4 51	0 17	0 14	15 26	1 9	23 30	0 6	17 21	2 9	23 12	0 8	22 10	1 14	6 34	16 48	6 52	7 24	14 15	15 55	2 33
M 8	16 24	1n56	1 23	10 25	4 50	0s14	0 19	15 14	1 9	23 31	0 6	17 21	2 9	23 11	0 8	22 10	1 14	6 33	16 47	6 51	7 23	14 14	15 56	2 33
T 9	16 7	5 48	0 18	10 42	4 48	0 44	0 24	15 1	1 8	23 31	0 6	17 22	2 9	23 11	0 8	22 10	1 14	6 32	16 47	6 50	7 22	14 13	15 56	2 34
W10	15 50	9 29	0s49	11 1	4 43	1 14	0 29	14 49	1 8	23 31	0 6	17 22	2 9	23 11	0 8	22 10	1 14	6 32	16 46	6 50	7 21	14 11	15 56	2 34
T 11	15 32	12 49	1 55	11 22	4 37	1 44	0 34	14 36	1 8	23 31	0 6	17 23	2 10	23 11	0 8	22 10	1 14	6 31	16 45	6 51	7 20	14 10	15 56	2 34
F 12	15 15	15 35	2 57	11 44	4 29	2 14	0 39	14 23	1 8	23 31	0 6	17 23	2 10	23 11	0 8	22 10	1 14	6 30	16 45	6 51	7 18	14 8	15 56	2 34
S 13	14 57	17 35	3 51	12 7	4 19	2 43	0 45	14 10	1 8	23 32	0 7	17 24	2 10	23 11	0 8	22 10	1 14	6 29	16 44	6 50	7 17	14 7	15 56	2 35
S 14	14 38	18 35	4 33	12 30	4 7	3 13	0 50	13 57	1 8	23 32	0 7	17 24	2 10	23 11	0 8	22 10	1 14	6 28	16 44	6 49	7 16	14 6	15 56	2 35
M15	14 20	18 25	4 59	12 54	3 54	3 43	0 56	13 44	1 8	23 32	0 7	17 25	2 10	23 11	0 8	22 10	1 14	6 27	16 43	6 47	7 15	14 4	15 56	2 35
T 16	14 1	16 59	5 6	13 17	3 40	4 13	1 1	13 31	1 8	23 32	0 7	17 25	2 10	23 11	0 8	22 10	1 14	6 26	16 43	6 44	7 14	14 3	15 56	2 35
W17	13 42	14 23	4 51	13 40	3 24	4 42	1 7	13 18	1 7	23 32	0 7	17 26	2 11	23 11	0 8	22 10	1 14	6 25	16 42	6 41	7 12	14 2	15 56	2 36
T 18	13 23	10 46	4 17	14 2	3 8	5 12	1 13	13 4	1 7	23 33	0 7	17 26	2 11	23 11	0 8	22 10	1 14	6 24	16 42	6 38	7 11	14 0	15 55	2 36
F 19	13 4	6 28	3 24	14 22	2 51	5 41	1 19	12 51	1 7	23 33	0 7	17 26	2 11	23 11	0 8	22 10	1 14	6 23	16 41	6 36	7 10	13 59	15 55	2 36
S 20	12 44	1 49	2 18	14 41	2 33	6 10	1 25	12 37	1 7	23 33	0 7	17 27	2 11	23 11	0 8	22 10	1 14	6 22	16 41	6 34	7 9	13 58	15 55	2 36
S 21	12 24	2s49	1 4	14 59	2 15	6 39	1 30	12 23	1 7	23 33	0 7	17 27	2 11	23 11	0 8	22 10	1 14	6 21	16 41	6 33	7 7	13 56	15 55	2 37
M22	12 4	7 9	0n11	15 14	1 57	7 8	1 36	12 10	1 7	23 33	0 8	17 27	2 12	23 11	0 8	22 10	1 14	6 20	16 40	6 33	7 6	13 55	15 55	2 37
T 23	11 44	10 59	1 24	15 27	1 39	7 37	1 42	11 56	1 7	23 33	0 8	17 28	2 12	23 11	0 8	22 10	1 14	6 19	16 40	6 33	7 5	13 54	15 55	2 37
W24	11 24	14 7	2 29	15 37	1 21	8 6	1 49	11 42	1 6	23 34	0 8	17 28	2 12	23 11	0 8	22 10	1 14	6 18	16 39	6 33	7 4	13 52	15 55	2 38
T 25	11 3	16 27	3 26	15 45	1 3	8 34	1 55	11 28	1 6	23 34	0 8	17 28	2 12	23 11	0 8	22 10	1 15	6 17	16 39	6 34	7 3	13 51	15 55	2 38
F 26	10 43	17 57	4 11	15 50	0 46	9 3	2 1	11 14	1 6	23 34	0 8	17 28	2 12	23 11	0 8	22 10	1 15	6 16	16 38	6 34	7 1	13 49	15 54	2 38
S 27	10 22	18 34	4 43	15 52	0 30	9 31	2 7	11 0	1 6	23 34	0 8	17 28	2 13	23 11	0 8	22 10	1 15	6 15	16 38	6 33	7 0	13 48	15 54	2 38
S 28	10 1	18 20	5 3	15 51	0 14	9 59	2 14	10 46	1 6	23 34	0 8	17 29	2 13	23 11	0 8	22 10	1 15	6 14	16 37	6 31	6 59	13 47	15 54	2 39
M29	9 40	17 18	5 9	15 47	0n 1	10 26	2 20	10 32	1 6	23 34	0 8	17 29	2 13	23 11	0 8	22 10	1 15	6 13	16 37	6 29	6 58	13 45	15 54	2 39
T 30	9 18	15 31	5 2	15 40	0 15	10 54	2 26	10 17	1 6	23 34	0 8	17 29	2 13	23 11	0 8	22 10	1 15	6 12	16 37	6 26	6 57	13 44	15 53	2 39
W31	8n57	13s 4	4n42	15n29	0n29	11s21	2s33	10n 3	1n 5	23s34	0s 9	17n29	2s13	23s11	0s 8	22n10	1s15	6n11	16n36	6s24	6s55	13s43	15n53	2s39

Julian Day Number = 2354967.5, Delta T = 12.22 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°02'56, Lahiri = 20°09'56Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

SEPTEMBER 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 38 39	7♍59'24	22♒31	20♌43	24♎ 1	7♍24	3♑12	27♉36	19♐23	26♊12	23♎53	16°R 7	17♎34	7♒44	22°R38	T 1
F 2	22 42 35	8°57'33	4♓29	22° 9	24°57	8° 2	3°13	27°36	19°24	26°13	23°55	16♎ 1	17°31	7°51	22♉38	F 2
S 3	22 46 32	9°55'44	16°33	23°40	25°52	8°41	3°13	27°37	19°24	26°14	23°57	15°56	17°27	7°58	22°37	S 3
S 4	22 50 28	10°53'56	28°45	25°15	26°47	9°19	3°14	27°38	19°24	26°15	23°59	15°53	17°24	8° 4	22°37	S 4
M 5	22 54 25	11°52'11	11♈ 5	26°54	27°41	9°57	3°15	27°39	19°24	26°16	24° 1	15°D52	17°21	8°11	22°37	M 5
T 6	22 58 22	12°50'27	23°35	28°37	28°35	10°36	3°16	27°39	19°25	26°16	24° 2	15°52	17°18	8°18	22°36	T 6
W 7	23 2 18	13°48'46	6♉19	0♍22	29°28	11°14	3°17	27°39	19°25	26°17	24° 4	15°53	17°15	8°25	22°36	W 7
T 8	23 6 15	14°47'06	19°17	2° 9	0♏20	11°52	3°19	27°40	19°26	26°18	24° 6	15°54	17°11	8°31	22°35	T 8
F 9	23 10 11	15°45'29	2♊33	3°58	1°12	12°31	3°20	27°40	19°26	26°19	24° 8	15°56	17° 8	8°38	22°34	F 9
S 10	23 14 8	16°43'53	16° 8	5°49	2° 3	13° 9	3°22	27°R40	19°27	26°19	24°10	15°R56	17° 5	8°45	22°33	S 10
S 11	23 18 4	17°42'20	0♋ 4	7°40	2°54	13°47	3°24	27°40	19°27	26°20	24°12	15°56	17° 2	8°51	22°33	S 11
M12	23 22 1	18°40'49	14°21	9°33	3°44	14°26	3°27	27°40	19°28	26°21	24°14	15°54	16°59	8°58	22°32	M12
T 13	23 25 57	19°39'21	28°55	11°26	4°33	15° 4	3°29	27°39	19°29	26°21	24°17	15°51	16°56	9° 5	22°31	T 13
W14	23 29 54	20°37'54	13♌43	13°18	5°22	15°43	3°32	27°39	19°30	26°22	24°19	15°48	16°52	9°12	22°30	W14
T 15	23 33 51	21°36'30	28°38	15°11	6°10	16°21	3°34	27°39	19°30	26°22	24°21	15°45	16°49	9°18	22°29	T 15
F 16	23 37 47	22°35'07	13♍31	17° 4	6°56	17° 0	3°37	27°38	19°31	26°23	24°23	15°42	16°46	9°25	22°28	F 16
S 17	23 41 44	23°33'47	28°15	18°56	7°43	17°38	3°41	27°37	19°32	26°23	24°25	15°40	16°43	9°32	22°26	S 17
S 18	23 45 40	24°32'28	12♎42	20°48	8°28	18°17	3°44	27°36	19°33	26°24	24°27	15°D39	16°40	9°38	22°25	S 18
M19	23 49 37	25°31'12	26°47	22°39	9°12	18°55	3°47	27°36	19°34	26°24	24°29	15°39	16°36	9°45	22°24	M19
T 20	23 53 33	26°29'57	10♏27	24°29	9°56	19°34	3°51	27°34	19°35	26°24	24°31	15°40	16°33	9°52	22°23	T 20
W21	23 57 30	27°28'44	23°42	26°19	10°38	20°12	3°55	27°33	19°36	26°25	24°34	15°42	16°30	9°59	22°21	W21
T 22	0 1 26	28°27'33	6♐34	28° 8	11°20	20°51	3°59	27°32	19°38	26°25	24°36	15°43	16°27	10° 5	22°20	T 22
F 23	0 5 23	29°26'23	19° 5	29°56	12° 0	21°29	4° 3	27°31	19°39	26°25	24°38	15°44	16°24	10°12	22°18	F 23
S 24	0 9 19	0♎25'16	1♑19	1♎43	12°40	22° 8	4° 8	27°29	19°40	26°25	24°40	15°R44	16°21	10°19	22°16	S 24
S 25	0 13 16	1°24'10	13°22	3°29	13°18	22°46	4°12	27°28	19°41	26°26	24°43	15°44	16°17	10°25	22°15	S 25
M26	0 17 13	2°23'05	25°17	5°14	13°55	23°25	4°17	27°26	19°43	26°26	24°45	15°43	16°14	10°32	22°13	M26
T 27	0 21 9	3°22'03	7♒ 9	6°59	14°31	24° 4	4°22	27°24	19°44	26°26	24°47	15°41	16°11	10°39	22°11	T 27
W28	0 25 6	4°21'02	19° 2	8°42	15° 5	24°42	4°27	27°22	19°46	26°26	24°49	15°40	16° 8	10°45	22°10	W28
T 29	0 29 2	5°20'04	1♓ 0	10°25	15°39	25°21	4°32	27°20	19°47	26°26	24°52	15°38	16° 5	10°52	22° 8	T 29
F 30	0 32 59	6♎19'07	13♓ 4	12♎ 7	16♏10	25♍59	4♑38	27♉18	19♐49	26°R26	24♎54	15♎37	16♎ 2	10♒59	22♉ 6	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n35	10s 5	4n10	15n15	0n41	11s48	2s39	9n49	1n 5	23s35	0s 9	17n29	2s13	23s11	0s 8	22n10	1s15	6n10	16n36	6s21	6s54	13s41	15n53	2s40
F 2	8 13	6 41	3 26	14 58	0 52	12 14	2 46	9 34	1 5	23 35	0 9	17 29	2 14	23 11	0 8	22 10	1 15	6 9	16 35	6 19	6 53	13 40	15 52	2 40
S 3	7 51	2 58	2 33	14 38	1 2	12 41	2 52	9 20	1 5	23 35	0 9	17 29	2 14	23 11	0 8	22 10	1 15	6 8	16 35	6 17	6 52	13 38	15 52	2 40
S 4	7 29	0n54	1 32	14 15	1 12	13 7	2 59	9 5	1 5	23 35	0 9	17 29	2 14	23 11	0 8	22 10	1 15	6 7	16 35	6 15	6 50	13 37	15 52	2 41
M 5	7 7	4 47	0 26	13 49	1 20	13 33	3 5	8 51	1 5	23 35	0 9	17 29	2 14	23 11	0 8	22 10	1 15	6 6	16 34	6 15	6 49	13 36	15 51	2 41
T 6	6 45	8 31	0s42	13 20	1 27	13 58	3 12	8 36	1 4	23 35	0 9	17 29	2 14	23 11	0 8	22 10	1 15	6 5	16 34	6 15	6 48	13 34	15 51	2 41
W 7	6 22	11 55	1 50	12 48	1 33	14 24	3 19	8 21	1 4	23 35	0 9	17 29	2 15	23 11	0 8	22 10	1 15	6 4	16 33	6 15	6 47	13 33	15 51	2 41
T 8	6 0	14 48	2 53	12 15	1 38	14 48	3 25	8 6	1 4	23 35	0 9	17 29	2 15	23 11	0 8	22 10	1 15	6 3	16 33	6 16	6 46	13 31	15 50	2 42
F 9	5 37	16 58	3 48	11 39	1 42	15 13	3 32	7 51	1 4	23 35	0 9	17 28	2 15	23 11	0 8	22 10	1 15	6 2	16 33	6 17	6 44	13 30	15 50	2 42
S 10	5 15	18 14	4 32	11 1	1 45	15 37	3 39	7 36	1 4	23 35	0 9	17 28	2 15	23 11	0 8	22 10	1 15	6 1	16 32	6 17	6 43	13 29	15 49	2 42
S 11	4 52	18 26	5 2	10 22	1 47	16 1	3 45	7 22	1 3	23 35	0 10	17 28	2 15	23 11	0 8	22 10	1 15	6 0	16 32	6 17	6 42	13 27	15 49	2 42
M12	4 29	17 30	5 14	9 41	1 49	16 25	3 52	7 7	1 3	23 35	0 10	17 28	2 16	23 11	0 8	22 10	1 15	5 59	16 32	6 16	6 41	13 26	15 48	2 43
T 13	4 6	15 25	5 6	8 58	1 49	16 48	3 59	6 51	1 3	23 35	0 10	17 28	2 16	23 11	0 8	22 10	1 15	5 58	16 31	6 15	6 40	13 24	15 48	2 43
W14	3 43	12 18	4 37	8 15	1 49	17 11	4 5	6 36	1 3	23 35	0 10	17 27	2 16	23 11	0 8	22 10	1 15	5 57	16 31	6 14	6 38	13 23	15 47	2 43
T 15	3 20	8 22	3 50	7 30	1 48	17 33	4 12	6 21	1 3	23 35	0 10	17 27	2 16	23 11	0 8	22 10	1 15	5 56	16 31	6 12	6 37	13 22	15 47	2 43
F 16	2 57	3 54	2 48	6 45	1 47	17 55	4 18	6 6	1 2	23 35	0 10	17 27	2 16	23 11	0 8	22 10	1 15	5 55	16 30	6 11	6 36	13 20	15 46	2 44
S 17	2 34	0s45	1 34	5 59	1 45	18 16	4 25	5 51	1 2	23 35	0 10	17 26	2 17	23 11	0 8	22 10	1 15	5 54	16 30	6 10	6 35	13 19	15 46	2 44
S 18	2 10	5 16	0 16	5 13	1 42	18 38	4 32	5 36	1 2	23 35	0 10	17 26	2 17	23 11	0 8	22 10	1 15	5 53	16 30	6 10	6 33	13 17	15 45	2 44
M19	1 47	9 23	1n 1	4 26	1 39	18 58	4 38	5 20	1 2	23 35	0 10	17 26	2 17	23 12	0 8	22 10	1 15	5 52	16 30	6 10	6 32	13 16	15 45	2 44
T 20	1 24	12 53	2 13	3 39	1 36	19 18	4 45	5 5	1 1	23 35	0 10	17 25	2 17	23 12	0 8	22 10	1 15	5 51	16 29	6 11	6 31	13 15	15 44	2 45
W21	1 0	15 35	3 15	2 52	1 32	19 38	4 51	4 50	1 1	23 35	0 10	17 25	2 17	23 12	0 8	22 10	1 15	5 50	16 29	6 11	6 30	13 13	15 43	2 45
T 22	0 37	17 24	4 5	2 5	1 27	19 57	4 57	4 34	1 1	23 35	0 11	17 24	2 17	23 12	0 8	22 10	1 15	5 49	16 29	6 12	6 29	13 12	15 43	2 45
F 23	0 13	18 19	4 43	1 18	1 23	20 16	5 4	4 19	1 1	23 35	0 11	17 24	2 18	23 12	0 8	22 10	1 15	5 48	16 29	6 12	6 27	13 10	15 42	2 45
S 24	0s10	18 22	5 6	0 30	1 18	20 34	5 10	4 3	1 1	23 35	0 11	17 23	2 18	23 12	0 8	22 10	1 16	5 47	16 28	6 12	6 26	13 9	15 41	2 46
S 25	0 34	17 34	5 16	0s17	1 13	20 52	5 16	3 48	1 0	23 35	0 11	17 23	2 18	23 12	0 8	22 10	1 16	5 46	16 28	6 12	6 25	13 7	15 41	2 46
M26	0 57	16 0	5 12	1 4	1 7	21 9	5 22	3 32	1 0	23 35	0 11	17 22	2 18	23 12	0 8	22 10	1 16	5 45	16 28	6 12	6 24	13 6	15 40	2 46
T 27	1 20	13 45	4 54	1 50	1 1	21 26	5 28	3 17	1 0	23 35	0 11	17 22	2 18	23 12	0 8	22 10	1 16	5 44	16 28	6 11	6 22	13 5	15 39	2 46
W28	1 44	10 57	4 24	2 37	0 55	21 42	5 34	3 1	1 0	23 35	0 11	17 21	2 18	23 12	0 8	22 10	1 16	5 43	16 27	6 10	6 21	13 3	15 39	2 47
T 29	2 7	7 40	3 43	3 23	0 49	21 57	5 40	2 46	0 59	23 35	0 11	17 21	2 19	23 13	0 8	22 10	1 16	5 42	16 27	6 10	6 20	13 2	15 38	2 47
F 30	2s31	4s 2	2n51	4s 8	0n43	22s12	5s45	2n30	0n59	23s35	0s11	17n20	2s19	23s13	0s 8	22n10	1s16	5n41	16n27	6s 9	6s19	13s 0	15n37	2s47

Julian Day Number = 2354998.5, Delta T = 12.24 sec
Ecliptic obliquity = 23°28'17, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'00, Lahiri = 20°10'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

OCTOBER 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 36 55	7♎18'12	25♓18	13♎48	16♏41	26♍38	4♑43	27°R16	19♐50	26°R26	24♎56	15°R36	15♎58	11♒ 6	22°R 4	S 1
S 2	0 40 52	8°17'19	7♈43	15°28	17°10	27°17	4°49	27♉14	19°52	26♊26	24°59	15♎35	15°55	11°12	22♉ 2	S 2
M 3	0 44 48	9°16'28	20°21	17° 7	17°37	27°56	4°55	27°12	19°54	26°26	25° 1	15°D35	15°52	11°19	22° 0	M 3
T 4	0 48 45	10°15'39	3♉11	18°46	18° 3	28°34	5° 1	27° 9	19°56	26°26	25° 3	15°36	15°49	11°26	21°57	T 4
W 5	0 52 42	11°14'52	16°14	20°24	18°27	29°13	5° 7	27° 6	19°57	26°25	25° 6	15°36	15°46	11°32	21°55	W 5
T 6	0 56 38	12°14'08	29°31	22° 1	18°49	29°52	5°14	27° 4	19°59	26°25	25° 8	15°36	15°42	11°39	21°53	T 6
F 7	1 0 35	13°13'26	13♊ 1	23°37	19° 9	0♎31	5°20	27° 1	20° 1	26°25	25°10	15°37	15°39	11°46	21°51	F 7
S 8	1 4 31	14°12'46	26°45	25°12	19°28	1° 9	5°27	26°58	20° 3	26°25	25°13	15°37	15°36	11°53	21°48	S 8
S 9	1 8 28	15°12'09	10♋41	26°47	19°45	1°48	5°34	26°55	20° 5	26°25	25°15	15°37	15°33	11°59	21°46	S 9
M10	1 12 24	16°11'34	24°49	28°21	20° 0	2°27	5°41	26°52	20° 7	26°24	25°18	15°37	15°30	12° 6	21°44	M10
T 11	1 16 21	17°11'01	9♌ 6	29°55	20°12	3° 6	5°48	26°49	20° 9	26°24	25°20	15°37	15°27	12°13	21°41	T 11
W12	1 20 17	18°10'30	23°31	1♏27	20°23	3°45	5°55	26°46	20°11	26°23	25°22	15°37	15°23	12°19	21°39	W12
T 13	1 24 14	19°10'02	7♍59	2°59	20°31	4°24	6° 3	26°43	20°13	26°23	25°25	15°37	15°20	12°26	21°36	T 13
F 14	1 28 11	20° 9'36	22°25	4°31	20°38	5° 2	6°10	26°39	20°16	26°23	25°27	15°38	15°17	12°33	21°33	F 14
S 15	1 32 7	21° 9'13	6♎46	6° 2	20°42	5°41	6°18	26°36	20°18	26°22	25°30	15°38	15°14	12°40	21°31	S 15
S 16	1 36 4	22° 8'51	20°55	7°32	20°R44	6°20	6°26	26°32	20°20	26°22	25°32	15°R38	15°11	12°46	21°28	S 16
M17	1 40 0	23° 8'32	4♏48	9° 1	20°43	6°59	6°34	26°29	20°22	26°21	25°35	15°38	15° 7	12°53	21°25	M17
T 18	1 43 57	24° 8'14	18°21	10°30	20°40	7°38	6°42	26°25	20°25	26°20	25°37	15°37	15° 4	13° 0	21°22	T 18
W19	1 47 53	25° 7'58	1♐35	11°58	20°35	8°17	6°50	26°21	20°27	26°20	25°39	15°36	15° 1	13° 6	21°20	W19
T 20	1 51 50	26° 7'45	14°27	13°26	20°27	8°56	6°59	26°17	20°30	26°19	25°42	15°34	14°58	13°13	21°17	T 20
F 21	1 55 46	27° 7'33	27° 1	14°52	20°17	9°35	7° 7	26°13	20°32	26°19	25°44	15°33	14°55	13°20	21°14	F 21
S 22	1 59 43	28° 7'22	9♑17	16°19	20° 4	10°14	7°16	26°10	20°35	26°18	25°47	15°32	14°52	13°26	21°11	S 22
S 23	2 3 39	29° 7'14	21°21	17°44	19°49	10°54	7°25	26° 5	20°37	26°17	25°49	15°31	14°48	13°33	21° 8	S 23
M24	2 7 36	0♏ 7'07	3♒17	19° 9	19°32	11°33	7°34	26° 1	20°40	26°16	25°51	15°D31	14°45	13°40	21° 5	M24
T 25	2 11 33	1° 7'02	15° 9	20°32	19°12	12°12	7°43	25°57	20°42	26°16	25°54	15°31	14°42	13°47	21° 2	T 25
W26	2 15 29	2° 6'58	27° 2	21°55	18°50	12°51	7°52	25°53	20°45	26°15	25°56	15°33	14°39	13°53	20°59	W26
T 27	2 19 26	3° 6'56	9♓ 1	23°18	18°26	13°30	8° 2	25°49	20°48	26°14	25°59	15°34	14°36	14° 0	20°56	T 27
F 28	2 23 22	4° 6'56	21° 9	24°39	18° 0	14° 9	8°11	25°44	20°51	26°13	26° 1	15°36	14°33	14° 7	20°53	F 28
S 29	2 27 19	5° 6'57	3♈31	25°59	17°32	14°48	8°21	25°40	20°53	26°12	26° 3	15°37	14°29	14°13	20°50	S 29
S 30	2 31 15	6° 7'00	16° 9	27°18	17° 2	15°28	8°30	25°36	20°56	26°11	26° 6	15°R37	14°26	14°20	20°47	S 30
M31	2 35 12	7♏ 7'05	29♈ 4	28♏35	16♏30	16♎ 7	8♑40	25♉31	20♐59	26♊10	26♎ 8	15♎37	14♎23	14♒27	20♉44	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s54	0s11	1n50	4s53	0n36	22s26	5s51	2n14	0n59	23s35	0s11	17n19	2s19	23s13	0s 8	22n10	1s16	5n40	16n27	6s 9	6s18	12s59	15n37	2s47
S 2	3 17	3n44	0 44	5 38	0 30	22 40	5 56	1 59	0 59	23 34	0 11	17 19	2 19	23 13	0 8	22 10	1 16	5 39	16 27	6 9	6 16	12 57	15 36	2 48
M 3	3 41	7 33	0s26	6 23	0 23	22 53	6 1	1 43	0 58	23 34	0 11	17 18	2 19	23 13	0 8	22 10	1 16	5 38	16 27	6 9	6 15	12 56	15 35	2 48
T 4	4 4	11 5	1 36	7 6	0 16	23 5	6 6	1 27	0 58	23 34	0 12	17 17	2 19	23 13	0 8	22 10	1 16	5 37	16 26	6 9	6 14	12 55	15 34	2 48
W 5	4 27	14 8	2 42	7 50	0 10	23 16	6 11	1 12	0 58	23 34	0 12	17 17	2 19	23 13	0 8	22 9	1 16	5 36	16 26	6 9	6 13	12 53	15 34	2 48
T 6	4 51	16 29	3 40	8 33	0 3	23 27	6 16	0 56	0 58	23 34	0 12	17 16	2 20	23 14	0 8	22 9	1 16	5 35	16 26	6 9	6 11	12 52	15 33	2 49
F 7	5 14	17 58	4 28	9 15	0s 4	23 37	6 20	0 40	0 57	23 34	0 12	17 15	2 20	23 14	0 8	22 9	1 16	5 34	16 26	6 9	6 10	12 50	15 32	2 49
S 8	5 37	18 26	5 0	9 56	0 11	23 46	6 24	0 25	0 57	23 33	0 12	17 14	2 20	23 14	0 8	22 9	1 16	5 33	16 26	6 9	6 9	12 49	15 31	2 49
S 9	6 0	17 47	5 16	10 37	0 18	23 55	6 28	0 9	0 57	23 33	0 12	17 13	2 20	23 14	0 8	22 9	1 16	5 32	16 26	6 9	6 8	12 47	15 30	2 49
M10	6 23	16 3	5 13	11 18	0 25	24 2	6 31	0s 7	0 57	23 33	0 12	17 13	2 20	23 14	0 8	22 9	1 16	5 31	16 26	6 9	6 7	12 46	15 29	2 49
T 11	6 45	13 19	4 51	11 57	0 32	24 9	6 34	0 22	0 56	23 33	0 12	17 12	2 20	23 14	0 8	22 9	1 16	5 30	16 26	6 9	6 5	12 44	15 29	2 50
W12	7 8	9 45	4 11	12 36	0 39	24 14	6 37	0 38	0 56	23 33	0 12	17 11	2 20	23 14	0 8	22 9	1 16	5 29	16 25	6 9	6 4	12 43	15 28	2 50
T 13	7 31	5 35	3 14	13 15	0 46	24 19	6 40	0 54	0 56	23 32	0 12	17 10	2 20	23 15	0 8	22 9	1 16	5 28	16 25	6 9	6 3	12 42	15 27	2 50
F 14	7 53	1 5	2 5	13 52	0 53	24 23	6 42	1 10	0 55	23 32	0 12	17 9	2 21	23 15	0 8	22 9	1 16	5 28	16 25	6 10	6 2	12 40	15 26	2 50
S 15	8 16	3s26	0 49	14 29	0 59	24 25	6 43	1 25	0 55	23 32	0 12	17 8	2 21	23 15	0 8	22 9	1 16	5 27	16 25	6 10	6 0	12 39	15 25	2 51
S 16	8 38	7 43	0n29	15 5	1 6	24 27	6 45	1 41	0 55	23 31	0 13	17 7	2 21	23 15	0 8	22 9	1 16	5 26	16 25	6 10	5 59	12 37	15 24	2 51
M17	9 0	11 30	1 44	15 40	1 13	24 27	6 45	1 57	0 55	23 31	0 13	17 6	2 21	23 15	0 8	22 9	1 16	5 25	16 25	6 10	5 58	12 36	15 23	2 51
T 18	9 22	14 34	2 52	16 15	1 19	24 27	6 45	2 12	0 54	23 31	0 13	17 6	2 21	23 15	0 8	22 9	1 16	5 24	16 25	6 9	5 57	12 34	15 22	2 51
W19	9 44	16 47	3 48	16 48	1 26	24 25	6 45	2 28	0 54	23 30	0 13	17 5	2 21	23 16	0 8	22 9	1 16	5 23	16 25	6 9	5 55	12 33	15 22	2 51
T 20	10 6	18 4	4 31	17 21	1 32	24 22	6 44	2 44	0 54	23 30	0 13	17 4	2 21	23 16	0 8	22 9	1 16	5 22	16 25	6 8	5 54	12 31	15 21	2 52
F 21	10 28	18 26	5 0	17 53	1 38	24 18	6 43	2 59	0 53	23 30	0 13	17 3	2 21	23 16	0 8	22 9	1 16	5 21	16 25	6 8	5 53	12 30	15 20	2 52
S 22	10 49	17 55	5 15	18 24	1 44	24 12	6 41	3 15	0 53	23 29	0 13	17 2	2 21	23 16	0 8	22 9	1 16	5 21	16 25	6 7	5 52	12 28	15 19	2 52
S 23	11 11	16 35	5 15	18 54	1 50	24 6	6 38	3 31	0 53	23 29	0 13	17 1	2 21	23 16	0 8	22 9	1 16	5 20	16 25	6 7	5 51	12 27	15 18	2 52
M24	11 32	14 33	5 1	19 23	1 56	23 57	6 35	3 46	0 52	23 28	0 13	17 0	2 21	23 17	0 8	22 9	1 17	5 19	16 25	6 7	5 49	12 25	15 17	2 52
T 25	11 53	11 56	4 35	19 51	2 1	23 48	6 30	4 2	0 52	23 28	0 13	16 59	2 22	23 17	0 8	22 9	1 17	5 18	16 25	6 7	5 48	12 24	15 16	2 52
W26	12 13	8 48	3 57	20 18	2 6	23 37	6 26	4 17	0 52	23 27	0 13	16 58	2 22	23 17	0 8	22 9	1 17	5 17	16 25	6 8	5 47	12 23	15 15	2 53
T 27	12 34	5 17	3 9	20 44	2 11	23 25	6 20	4 33	0 51	23 27	0 13	16 56	2 22	23 17	0 8	22 8	1 17	5 17	16 25	6 8	5 46	12 21	15 14	2 53
F 28	12 54	1 30	2 11	21 9	2 16	23 11	6 14	4 48	0 51	23 26	0 13	16 55	2 22	23 17	0 8	22 8	1 17	5 16	16 25	6 9	5 44	12 20	15 13	2 53
S 29	13 15	2n25	1 6	21 33	2 20	22 56	6 7	5 4	0 51	23 26	0 13	16 54	2 22	23 18	0 8	22 8	1 17	5 15	16 25	6 9	5 43	12 18	15 12	2 53
S 30	13 35	6 19	0s 3	21 56	2 24	22 40	5 59	5 19	0 50	23 25	0 14	16 53	2 22	23 18	0 8	22 8	1 17	5 14	16 26	6 9	5 42	12 17	15 11	2 53
M31	13s54	10n 1	1s13	22s17	2s28	22s23	5s50	5s35	0n50	23s25	0s14	16n52	2s22	23s18	0s 8	22n 8	1s17	5n14	16n26	6s 9	5s41	12s15	15n10	2s53

Julian Day Number = 2355028.5, Delta T = 12.26 sec
Ecliptic obliquity = 23°28'17, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'04, Lahiri = 20°10'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

NOVEMBER 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 8	8♏ 7'12	12♉17	29♏52	15°R57	16♎46	8♑50	25°R26	21♐ 2	26°R 9	26♎11	15°R35	14♎20	14♒34	20°R41	T 1
W 2	2 43 5	9° 7'21	25°46	1♐ 7	15♏23	17°25	9° 0	25♉22	21° 5	26♊ 8	26°13	15♎32	14°17	14°40	20♉37	W 2
T 3	2 47 2	10° 7'32	9♊30	2°20	14°48	18° 5	9°10	25°17	21° 8	26° 7	26°15	15°29	14°13	14°47	20°34	T 3
F 4	2 50 58	11° 7'44	23°26	3°32	14°13	18°44	9°20	25°13	21°11	26° 6	26°18	15°25	14°10	14°54	20°31	F 4
S 5	2 54 55	12° 7'59	7♋30	4°41	13°36	19°23	9°31	25° 8	21°14	26° 5	26°20	15°21	14° 7	15° 0	20°28	S 5
S 6	2 58 51	13° 8'15	21°38	5°48	13° 0	20° 3	9°41	25° 3	21°17	26° 4	26°22	15°18	14° 4	15° 7	20°25	S 6
M 7	3 2 48	14° 8'34	5♌49	6°53	12°23	20°42	9°52	24°58	21°20	26° 3	26°25	15°17	14° 1	15°14	20°21	M 7
T 8	3 6 44	15° 8'55	20° 0	7°55	11°47	21°21	10° 2	24°54	21°23	26° 1	26°27	15°D17	13°58	15°20	20°18	T 8
W 9	3 10 41	16° 9'17	4♍ 8	8°53	11°11	22° 1	10°13	24°49	21°26	26° 0	26°29	15°18	13°54	15°27	20°15	W 9
T 10	3 14 37	17° 9'42	18°12	9°48	10°36	22°40	10°24	24°44	21°29	25°59	26°32	15°19	13°51	15°34	20°11	T 10
F 11	3 18 34	18°10'08	2♎11	10°39	10° 2	23°20	10°35	24°39	21°32	25°58	26°34	15°21	13°48	15°41	20° 8	F 11
S 12	3 22 31	19°10'37	16° 3	11°25	9°30	23°59	10°46	24°34	21°35	25°56	26°36	15°R21	13°45	15°47	20° 5	S 12
S 13	3 26 27	20°11'07	29°45	12° 7	8°58	24°39	10°57	24°29	21°39	25°55	26°39	15°20	13°42	15°54	20° 2	S 13
M14	3 30 24	21°11'39	13♏16	12°42	8°28	25°18	11° 8	24°24	21°42	25°54	26°41	15°18	13°39	16° 1	19°58	M14
T 15	3 34 20	22°12'12	26°33	13°11	8° 0	25°58	11°20	24°20	21°45	25°53	26°43	15°13	13°35	16° 7	19°55	T 15
W16	3 38 17	23°12'47	9♐35	13°33	7°34	26°37	11°31	24°15	21°48	25°51	26°45	15° 7	13°32	16°14	19°52	W16
T 17	3 42 13	24°13'24	22°21	13°46	7°10	27°17	11°43	24°10	21°52	25°50	26°48	15° 0	13°29	16°21	19°49	T 17
F 18	3 46 10	25°14'02	4♑52	13°R51	6°48	27°57	11°54	24° 5	21°55	25°48	26°50	14°52	13°26	16°27	19°45	F 18
S 19	3 50 6	26°14'41	17° 7	13°47	6°28	28°36	12° 6	24° 0	21°58	25°47	26°52	14°45	13°23	16°34	19°42	S 19
S 20	3 54 3	27°15'22	29°11	13°32	6°11	29°16	12°18	23°55	22° 2	25°46	26°54	14°40	13°19	16°41	19°39	S 20
M21	3 58 0	28°16'03	11♒ 6	13° 7	5°56	29°56	12°30	23°50	22° 5	25°44	26°56	14°36	13°16	16°48	19°36	M21
T 22	4 1 56	29°16'46	22°57	12°31	5°43	0♏35	12°42	23°45	22° 9	25°43	26°58	14°34	13°13	16°54	19°32	T 22
W23	4 5 53	0♐17'29	4♓48	11°44	5°33	1°15	12°54	23°40	22°12	25°41	27° 1	14°D34	13°10	17° 1	19°29	W23
T 24	4 9 49	1°18'14	16°45	10°48	5°26	1°55	13° 6	23°35	22°15	25°40	27° 3	14°35	13° 7	17° 8	19°26	T 24
F 25	4 13 46	2°19'00	28°53	9°42	5°20	2°35	13°18	23°31	22°19	25°38	27° 5	14°37	13° 4	17°14	19°23	F 25
S 26	4 17 42	3°19'47	11♈17	8°28	5°18	3°14	13°30	23°26	22°22	25°37	27° 7	14°R38	13° 0	17°21	19°20	S 26
S 27	4 21 39	4°20'35	24° 1	7° 9	5°D17	3°54	13°43	23°21	22°26	25°35	27° 9	14°37	12°57	17°28	19°16	S 27
M28	4 25 35	5°21'23	7♉ 8	5°47	5°20	4°34	13°55	23°16	22°29	25°33	27°11	14°35	12°54	17°34	19°13	M28
T 29	4 29 32	6°22'13	20°38	4°24	5°24	5°14	14° 7	23°12	22°33	25°32	27°13	14°30	12°51	17°41	19°10	T 29
W30	4 33 29	7♐23'04	4♊31	3♐ 4	5♏31	5♏54	14♑20	23♉ 7	22♐36	25♊30	27♎15	14♎23	12♎48	17♒48	19♉ 7	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s14	13n18	2s22	22s37	2s32	22s 4	5s41	5s50	0n50	23s24	0s14	16n51	2s22	23s18	0s 8	22n 8	1s17	5n13	16n26	6s 8	5s39	12s14	15n 9	2s54
W 2	14 33	15 56	3 23	22 56	2 35	21 44	5 31	6 5	0 49	23 24	0 14	16 50	2 22	23 18	0 8	22 8	1 17	5 12	16 26	6 7	5 38	12 12	15 8	2 54
T 3	14 52	17 43	4 14	23 14	2 38	21 23	5 20	6 21	0 49	23 23	0 14	16 49	2 22	23 19	0 8	22 8	1 17	5 11	16 26	6 6	5 37	12 11	15 7	2 54
F 4	15 11	18 28	4 51	23 30	2 40	21 1	5 8	6 36	0 49	23 22	0 14	16 48	2 22	23 19	0 8	22 8	1 17	5 11	16 26	6 5	5 36	12 9	15 6	2 54
S 5	15 30	18 6	5 10	23 45	2 41	20 39	4 56	6 51	0 48	23 22	0 14	16 47	2 22	23 19	0 8	22 8	1 17	5 10	16 26	6 3	5 35	12 8	15 5	2 54
S 6	15 48	16 36	5 12	23 58	2 43	20 15	4 43	7 6	0 48	23 21	0 14	16 46	2 22	23 19	0 8	22 8	1 17	5 9	16 26	6 2	5 33	12 6	15 4	2 54
M 7	16 6	14 6	4 54	24 10	2 43	19 52	4 30	7 22	0 48	23 20	0 14	16 44	2 22	23 19	0 8	22 8	1 17	5 9	16 26	6 2	5 32	12 5	15 3	2 54
T 8	16 24	10 45	4 18	24 21	2 43	19 27	4 16	7 37	0 47	23 20	0 14	16 43	2 22	23 20	0 8	22 8	1 17	5 8	16 27	6 1	5 31	12 3	15 2	2 54
W 9	16 42	6 48	3 27	24 29	2 42	19 2	4 2	7 52	0 47	23 19	0 14	16 42	2 22	23 20	0 8	22 8	1 17	5 7	16 27	6 2	5 30	12 2	15 2	2 55
T 10	16 59	2 29	2 23	24 36	2 41	18 37	3 48	8 7	0 46	23 18	0 14	16 41	2 22	23 20	0 8	22 8	1 17	5 7	16 27	6 2	5 28	12 0	15 1	2 55
F 11	17 16	1s58	1 11	24 41	2 39	18 12	3 33	8 22	0 46	23 17	0 14	16 40	2 22	23 20	0 8	22 8	1 17	5 6	16 27	6 3	5 27	11 59	15 0	2 55
S 12	17 32	6 16	0n 4	24 45	2 35	17 47	3 18	8 37	0 46	23 16	0 14	16 39	2 22	23 20	0 8	22 8	1 17	5 6	16 27	6 3	5 26	11 57	14 59	2 55
S 13	17 49	10 11	1 18	24 46	2 31	17 23	3 2	8 52	0 45	23 16	0 15	16 38	2 22	23 21	0 8	22 8	1 17	5 5	16 28	6 3	5 25	11 56	14 58	2 55
M14	18 5	13 31	2 26	24 46	2 26	16 59	2 47	9 6	0 45	23 15	0 15	16 36	2 22	23 21	0 8	22 7	1 17	5 4	16 28	6 2	5 23	11 54	14 57	2 55
T 15	18 21	16 5	3 25	24 43	2 19	16 35	2 31	9 21	0 44	23 14	0 15	16 35	2 22	23 21	0 8	22 7	1 17	5 4	16 28	6 0	5 22	11 53	14 56	2 55
W16	18 36	17 45	4 13	24 38	2 12	16 12	2 16	9 36	0 44	23 13	0 15	16 34	2 22	23 21	0 8	22 7	1 17	5 3	16 28	5 58	5 21	11 51	14 55	2 55
T 17	18 51	18 30	4 46	24 31	2 2	15 49	2 0	9 50	0 44	23 12	0 15	16 33	2 22	23 21	0 8	22 7	1 17	5 3	16 28	5 55	5 20	11 50	14 54	2 55
F 18	19 6	18 18	5 5	24 21	1 52	15 27	1 45	10 5	0 43	23 11	0 15	16 32	2 22	23 22	0 8	22 7	1 17	5 2	16 29	5 52	5 18	11 48	14 53	2 55
S 19	19 20	17 16	5 9	24 8	1 40	15 6	1 30	10 20	0 43	23 10	0 15	16 31	2 21	23 22	0 8	22 7	1 17	5 2	16 29	5 49	5 17	11 47	14 52	2 56
S 20	19 34	15 28	5 0	23 53	1 26	14 47	1 15	10 34	0 42	23 9	0 15	16 30	2 21	23 22	0 8	22 7	1 17	5 1	16 29	5 47	5 16	11 45	14 51	2 56
M21	19 48	13 1	4 37	23 35	1 11	14 28	1 0	10 48	0 42	23 8	0 15	16 28	2 21	23 22	0 8	22 7	1 17	5 1	16 29	5 46	5 15	11 44	14 50	2 56
T 22	20 1	10 3	4 3	23 14	0 55	14 10	0 46	11 3	0 42	23 7	0 15	16 27	2 21	23 22	0 8	22 7	1 17	5 0	16 30	5 45	5 14	11 42	14 49	2 56
W23	20 14	6 41	3 18	22 50	0 37	13 53	0 32	11 17	0 41	23 6	0 15	16 26	2 21	23 23	0 8	22 7	1 17	5 0	16 30	5 45	5 12	11 41	14 48	2 56
T 24	20 27	3 1	2 25	22 23	0 18	13 38	0 18	11 31	0 41	23 5	0 15	16 25	2 21	23 23	0 8	22 7	1 17	4 59	16 30	5 45	5 11	11 39	14 47	2 56
F 25	20 39	0n51	1 24	21 54	0n 2	13 23	0 5	11 45	0 40	23 4	0 15	16 24	2 21	23 23	0 8	22 7	1 17	4 59	16 31	5 46	5 10	11 38	14 46	2 56
S 26	20 51	4 45	0 18	21 22	0 23	13 10	0n 8	11 59	0 40	23 3	0 15	16 23	2 21	23 23	0 8	22 7	1 17	4 59	16 31	5 46	5 9	11 36	14 45	2 56
S 27	21 2	8 33	0s50	20 49	0 43	12 58	0 21	12 13	0 39	23 1	0 16	16 22	2 21	23 23	0 8	22 7	1 17	4 58	16 31	5 46	5 7	11 35	14 45	2 56
M28	21 13	12 3	1 58	20 16	1 3	12 48	0 33	12 27	0 39	23 0	0 16	16 21	2 21	23 24	0 8	22 7	1 17	4 58	16 32	5 45	5 6	11 33	14 44	2 56
T 29	21 24	15 1	3 1	19 42	1 22	12 38	0 45	12 41	0 39	22 59	0 16	16 20	2 20	23 24	0 8	22 7	1 17	4 57	16 32	5 43	5 5	11 31	14 43	2 56
W30	21s34	17n13	3s55	19s10	1n40	12s29	0n56	12s54	0n38	22s58	0s16	16n19	2s20	23s24	0s 8	22n 7	1s17	4n57	16n32	5s41	5s 4	11s30	14n42	2s56

Julian Day Number = 2355059.5, Delta T = 12.28 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'09, Lahiri = 20°10'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1735
geocentric

DECEMBER 1735 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 25	8♐23'57	18♊42	1°R49	5♏40	6♏34	14♑33	23°R 2	22♐40	25°R29	27♎17	14°R14	12♎45	17♒55	19°R 4	T 1
F 2	4 41 22	9°24'50	3♋ 8	0♐42	5°52	7°13	14°45	22♉58	22°44	25♊27	27°19	14♎ 5	12°41	18° 1	19♉ 1	F 2
S 3	4 45 18	10°25'44	17°41	29♏43	6° 5	7°53	14°58	22°53	22°47	25°25	27°21	13°56	12°38	18° 8	18°58	S 3
S 4	4 49 15	11°26'40	2♌13	28°56	6°21	8°33	15°11	22°49	22°51	25°24	27°23	13°49	12°35	18°15	18°55	S 4
M 5	4 53 11	12°27'37	16°41	28°19	6°39	9°13	15°24	22°44	22°54	25°22	27°24	13°44	12°32	18°21	18°52	M 5
T 6	4 57 8	13°28'35	0♍58	27°54	6°59	9°53	15°37	22°40	22°58	25°20	27°26	13°41	12°29	18°28	18°49	T 6
W 7	5 1 4	14°29'34	15° 4	27°40	7°21	10°33	15°50	22°35	23° 1	25°19	27°28	13°D40	12°25	18°35	18°46	W 7
T 8	5 5 1	15°30'35	28°56	27°D36	7°44	11°13	16° 3	22°31	23° 5	25°17	27°30	13°41	12°22	18°41	18°43	T 8
F 9	5 8 58	16°31'36	12♎36	27°43	8°10	11°54	16°16	22°27	23° 9	25°15	27°32	13°R41	12°19	18°48	18°41	F 9
S 10	5 12 54	17°32'39	26° 5	27°59	8°37	12°34	16°29	22°22	23°12	25°14	27°33	13°40	12°16	18°55	18°38	S 10
S 11	5 16 51	18°33'43	9♏22	28°24	9° 6	13°14	16°42	22°18	23°16	25°12	27°35	13°37	12°13	19° 2	18°35	S 11
M12	5 20 47	19°34'48	22°28	28°56	9°37	13°54	16°55	22°14	23°20	25°10	27°37	13°32	12°10	19° 8	18°32	M12
T 13	5 24 44	20°35'53	5♐24	29°35	10° 9	14°34	17° 9	22°10	23°23	25° 9	27°38	13°23	12° 6	19°15	18°30	T 13
W14	5 28 40	21°36'59	18° 8	0♐21	10°42	15°14	17°22	22° 6	23°27	25° 7	27°40	13°12	12° 3	19°22	18°27	W14
T 15	5 32 37	22°38'06	0♑41	1°11	11°17	15°55	17°35	22° 2	23°30	25° 5	27°42	12°59	12° 0	19°28	18°25	T 15
F 16	5 36 33	23°39'14	13° 2	2° 7	11°54	16°35	17°49	21°58	23°34	25° 4	27°43	12°45	11°57	19°35	18°22	F 16
S 17	5 40 30	24°40'22	25°12	3° 6	12°31	17°15	18° 2	21°55	23°38	25° 2	27°45	12°32	11°54	19°42	18°20	S 17
S 18	5 44 27	25°41'30	7♒12	4° 9	13°10	17°55	18°16	21°51	23°41	25° 0	27°46	12°21	11°51	19°48	18°17	S 18
M19	5 48 23	26°42'39	19° 5	5°16	13°51	18°36	18°29	21°47	23°45	24°59	27°48	12°13	11°47	19°55	18°15	M19
T 20	5 52 20	27°43'48	0♓54	6°25	14°32	19°16	18°43	21°44	23°49	24°57	27°49	12° 7	11°44	20° 2	18°12	T 20
W21	5 56 16	28°44'57	12°43	7°37	15°15	19°56	18°57	21°41	23°52	24°55	27°51	12° 3	11°41	20° 8	18°10	W21
T 22	6 0 13	29°46'06	24°37	8°50	15°58	20°37	19°10	21°37	23°56	24°53	27°52	12° 2	11°38	20°15	18° 8	T 22
F 23	6 4 9	0♑47'15	6♈41	10° 6	16°43	21°17	19°24	21°34	24° 0	24°52	27°54	12° 2	11°35	20°22	18° 6	F 23
S 24	6 8 6	1°48'24	19° 2	11°24	17°28	21°57	19°38	21°31	24° 3	24°50	27°55	12° 2	11°31	20°29	18° 4	S 24
S 25	6 12 2	2°49'33	1♉44	12°43	18°15	22°38	19°52	21°28	24° 7	24°48	27°56	12° 1	11°28	20°35	18° 1	S 25
M26	6 15 59	3°50'42	14°51	14° 3	19° 3	23°18	20° 5	21°25	24°10	24°47	27°58	11°57	11°25	20°42	17°59	M26
T 27	6 19 56	4°51'51	28°26	15°25	19°51	23°59	20°19	21°22	24°14	24°45	27°59	11°51	11°22	20°49	17°57	T 27
W28	6 23 52	5°53'01	12♊30	16°47	20°40	24°39	20°33	21°19	24°18	24°43	28° 0	11°42	11°19	20°55	17°56	W28
T 29	6 27 49	6°54'10	27° 0	18°11	21°30	25°20	20°47	21°16	24°21	24°42	28° 1	11°31	11°16	21° 2	17°54	T 29
F 30	6 31 45	7°55'19	11♋48	19°35	22°21	26° 0	21° 1	21°14	24°25	24°40	28° 2	11°19	11°12	21° 9	17°52	F 30
S 31	6 35 42	8♑56'28	26♋48	21♐ 1	23♏13	26♏41	21♑15	21♉11	24♐28	24♊38	28♎ 4	11♎ 7	11♎ 9	21♒15	17♉50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s44	18n25	4 s36	18 s40	1n56	12 s22	1n 7	13 s 8	0n38	22 s56	0 s16	16n18	2 s20	23 s24	0 s 8	22n 6	1 s17	4n57	16n33	5 s37	5 s 2	11 s28	14n41	2 s56
F 2	21 54	18 27	5 0	18 13	2 10	12 16	1 18	13 21	0 37	22 55	0 16	16 17	2 20	23 24	0 8	22 6	1 17	4 56	16 33	5 34	5 1	11 27	14 40	2 56
S 3	22 2	17 16	5 4	17 49	2 21	12 11	1 28	13 35	0 37	22 54	0 16	16 16	2 20	23 25	0 8	22 6	1 17	4 56	16 33	5 30	5 0	11 25	14 39	2 56
S 4	22 11	14 59	4 50	17 30	2 30	12 7	1 38	13 48	0 36	22 52	0 16	16 15	2 20	23 25	0 8	22 6	1 17	4 56	16 34	5 27	4 59	11 24	14 39	2 56
M 5	22 19	11 47	4 16	17 15	2 38	12 4	1 47	14 1	0 36	22 51	0 16	16 14	2 20	23 25	0 8	22 6	1 17	4 55	16 34	5 25	4 57	11 22	14 38	2 56
T 6	22 27	7 54	3 28	17 5	2 43	12 2	1 56	14 14	0 35	22 50	0 16	16 13	2 19	23 25	0 8	22 6	1 17	4 55	16 34	5 24	4 56	11 21	14 37	2 56
W 7	22 34	3 38	2 27	16 58	2 46	12 1	2 4	14 27	0 35	22 48	0 16	16 12	2 19	23 26	0 8	22 6	1 17	4 55	16 35	5 24	4 55	11 19	14 36	2 56
T 8	22 41	0 s46	1 18	16 56	2 47	12 1	2 12	14 40	0 34	22 47	0 16	16 11	2 19	23 26	0 8	22 6	1 17	4 55	16 35	5 24	4 54	11 18	14 35	2 56
F 9	22 47	5 5	0 6	16 58	2 47	12 2	2 20	14 53	0 34	22 45	0 16	16 10	2 19	23 26	0 8	22 6	1 17	4 54	16 36	5 24	4 52	11 16	14 35	2 56
S 10	22 53	9 4	1n 6	17 3	2 45	12 4	2 27	15 6	0 33	22 44	0 17	16 9	2 19	23 26	0 8	22 6	1 17	4 54	16 36	5 24	4 51	11 15	14 34	2 56
S 11	22 59	12 32	2 12	17 11	2 42	12 7	2 34	15 19	0 33	22 42	0 17	16 8	2 19	23 26	0 8	22 6	1 17	4 54	16 36	5 23	4 50	11 13	14 33	2 56
M12	23 4	15 20	3 11	17 22	2 39	12 10	2 41	15 31	0 32	22 40	0 17	16 7	2 18	23 26	0 8	22 6	1 17	4 54	16 37	5 21	4 49	11 12	14 32	2 56
T 13	23 8	17 19	3 59	17 35	2 34	12 14	2 47	15 43	0 32	22 39	0 17	16 7	2 18	23 27	0 8	22 6	1 17	4 54	16 37	5 17	4 47	11 10	14 32	2 56
W14	23 12	18 24	4 33	17 50	2 29	12 19	2 53	15 56	0 31	22 37	0 17	16 6	2 18	23 27	0 8	22 6	1 17	4 54	16 38	5 13	4 46	11 8	14 31	2 56
T 15	23 16	18 34	4 55	18 6	2 23	12 25	2 58	16 8	0 31	22 36	0 17	16 5	2 18	23 27	0 8	22 6	1 17	4 53	16 38	5 8	4 45	11 7	14 30	2 56
F 16	23 19	17 50	5 1	18 23	2 16	12 31	3 3	16 20	0 30	22 34	0 17	16 4	2 18	23 27	0 8	22 6	1 17	4 53	16 39	5 3	4 44	11 5	14 30	2 56
S 17	23 22	16 18	4 54	18 42	2 9	12 38	3 8	16 32	0 30	22 32	0 17	16 3	2 17	23 27	0 8	22 6	1 17	4 53	16 39	4 58	4 43	11 4	14 29	2 56
S 18	23 24	14 5	4 34	19 1	2 2	12 45	3 12	16 44	0 29	22 30	0 17	16 3	2 17	23 28	0 8	22 5	1 17	4 53	16 39	4 53	4 41	11 2	14 28	2 56
M19	23 26	11 17	4 2	19 20	1 54	12 53	3 17	16 55	0 29	22 29	0 17	16 2	2 17	23 28	0 8	22 5	1 17	4 53	16 40	4 50	4 40	11 1	14 28	2 56
T 20	23 27	8 3	3 20	19 39	1 47	13 1	3 21	17 7	0 28	22 27	0 17	16 1	2 17	23 28	0 8	22 5	1 17	4 53	16 40	4 48	4 39	10 59	14 27	2 56
W21	23 28	4 30	2 29	19 59	1 39	13 10	3 24	17 18	0 28	22 25	0 17	16 1	2 16	23 28	0 8	22 5	1 17	4 53	16 41	4 46	4 38	10 58	14 26	2 56
T 22	23 28	0 45	1 31	20 19	1 31	13 20	3 27	17 30	0 27	22 23	0 17	16 0	2 16	23 28	0 8	22 5	1 17	4 53	16 41	4 46	4 36	10 56	14 26	2 56
F 23	23 28	3n 6	0 28	20 38	1 23	13 29	3 30	17 41	0 26	22 21	0 18	15 59	2 16	23 28	0 8	22 5	1 17	4 53	16 42	4 46	4 35	10 54	14 25	2 56
S 24	23 28	6 54	0 s37	20 57	1 14	13 39	3 33	17 52	0 26	22 19	0 18	15 59	2 16	23 29	0 8	22 5	1 17	4 53	16 42	4 46	4 34	10 53	14 25	2 56
S 25	23 26	10 29	1 42	21 15	1 6	13 50	3 36	18 3	0 25	22 18	0 18	15 58	2 16	23 29	0 8	22 5	1 17	4 53	16 43	4 45	4 33	10 51	14 24	2 56
M26	23 25	13 42	2 44	21 33	0 58	14 1	3 38	18 14	0 25	22 16	0 18	15 58	2 15	23 29	0 8	22 5	1 17	4 53	16 43	4 44	4 31	10 50	14 24	2 56
T 27	23 23	16 17	3 39	21 51	0 50	14 12	3 40	18 24	0 24	22 14	0 18	15 57	2 15	23 29	0 8	22 5	1 17	4 53	16 44	4 42	4 30	10 48	14 23	2 56
W28	23 20	17 59	4 23	22 7	0 42	14 23	3 42	18 35	0 24	22 12	0 18	15 57	2 15	23 29	0 8	22 5	1 17	4 53	16 44	4 38	4 29	10 47	14 23	2 56
T 29	23 17	18 36	4 51	22 23	0 34	14 34	3 43	18 45	0 23	22 10	0 18	15 56	2 15	23 29	0 8	22 5	1 17	4 53	16 45	4 34	4 28	10 45	14 22	2 56
F 30	23 14	17 58	5 0	22 38	0 26	14 46	3 44	18 55	0 22	22 8	0 18	15 56	2 14	23 30	0 9	22 5	1 17	4 53	16 45	4 29	4 26	10 43	14 22	2 56
S 31	23 s10	16n 6	4 s49	22 s52	0n18	14 s58	3n45	19 s 5	0n22	22 s 5	0 s18	15n55	2 s14	23 s30	0 s 9	22n 5	1 s17	4n53	16n46	4 s24	4 s25	10 s42	14n21	2 s56

Julian Day Number = 2355089.5, Delta T = 12.30 sec
Ecliptic obliquity = 23°28'15, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'13, Lahiri = 20°10'13Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1736
geocentric

JANUARY 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 39 38	9♑57'37	11♌48	22♐27	24♏ 6	27♏21	21♑29	21°R 9	24♐32	24°R37	28♎ 5	10°R57	11♎ 6	21♒22	17°R48	S 1
M 2	6 43 35	10°58'47	26°40	23°54	24°59	28° 2	21°43	21♉ 7	24°35	24♊35	28° 6	10♎49	11° 3	21°29	17♉47	M 2
T 3	6 47 32	11°59'56	11♍16	25°21	25°53	28°43	21°57	21° 5	24°39	24°33	28° 7	10°45	11° 0	21°35	17°45	T 3
W 4	6 51 28	13° 1'05	25°33	26°49	26°47	29°23	22°11	21° 2	24°42	24°32	28° 8	10°43	10°56	21°42	17°44	W 4
T 5	6 55 25	14° 2'15	9♎29	28°17	27°42	0♐ 4	22°25	21° 0	24°46	24°30	28° 9	10°42	10°53	21°49	17°42	T 5
F 6	6 59 21	15° 3'25	23° 5	29°47	28°38	0°45	22°39	20°59	24°49	24°29	28°10	10°42	10°50	21°56	17°41	F 6
S 7	7 3 18	16° 4'35	6♏22	1♑16	29°34	1°25	22°53	20°57	24°53	24°27	28°10	10°41	10°47	22° 2	17°40	S 7
S 8	7 7 14	17° 5'44	19°24	2°46	0♐31	2° 6	23° 7	20°55	24°56	24°26	28°11	10°38	10°44	22° 9	17°38	S 8
M 9	7 11 11	18° 6'54	2♐12	4°17	1°29	2°47	23°21	20°54	25° 0	24°24	28°12	10°31	10°41	22°16	17°37	M 9
T 10	7 15 7	19° 8'04	14°48	5°48	2°27	3°28	23°35	20°52	25° 3	24°23	28°13	10°22	10°37	22°22	17°36	T 10
W11	7 19 4	20° 9'13	27°15	7°20	3°25	4° 9	23°49	20°51	25° 6	24°21	28°14	10°10	10°34	22°29	17°35	W11
T 12	7 23 1	21°10'23	9♑32	8°52	4°24	4°49	24° 3	20°50	25°10	24°20	28°14	9°56	10°31	22°36	17°34	T 12
F 13	7 26 57	22°11'31	21°41	10°25	5°23	5°30	24°18	20°48	25°13	24°18	28°15	9°41	10°28	22°42	17°33	F 13
S 14	7 30 54	23°12'39	3♒43	11°58	6°23	6°11	24°32	20°47	25°16	24°17	28°16	9°27	10°25	22°49	17°32	S 14
S 15	7 34 50	24°13'47	15°38	13°32	7°24	6°52	24°46	20°47	25°20	24°15	28°16	9°15	10°22	22°56	17°31	S 15
M16	7 38 47	25°14'54	27°28	15° 6	8°24	7°33	25° 0	20°46	25°23	24°14	28°17	9° 5	10°18	23° 2	17°31	M16
T 17	7 42 43	26°16'00	9♓16	16°41	9°25	8°14	25°14	20°45	25°26	24°12	28°17	8°58	10°15	23° 9	17°30	T 17
W18	7 46 40	27°17'05	21° 4	18°17	10°27	8°55	25°28	20°45	25°30	24°11	28°18	8°54	10°12	23°16	17°29	W18
T 19	7 50 36	28°18'09	2♈57	19°53	11°28	9°36	25°42	20°44	25°33	24°10	28°18	8°52	10° 9	23°22	17°29	T 19
F 20	7 54 33	29°19'13	14°59	21°29	12°31	10°17	25°57	20°44	25°36	24° 8	28°19	8°D52	10° 6	23°29	17°28	F 20
S 21	7 58 30	0♒20'15	27°16	23° 6	13°33	10°58	26°11	20°44	25°39	24° 7	28°19	8°R53	10° 2	23°36	17°28	S 21
S 22	8 2 26	1°21'16	9♉52	24°44	14°36	11°39	26°25	20°D43	25°42	24° 6	28°20	8°53	9°59	23°43	17°28	S 22
M23	8 6 23	2°22'16	22°53	26°22	15°39	12°20	26°39	20°43	25°45	24° 4	28°20	8°51	9°56	23°49	17°27	M23
T 24	8 10 19	3°23'15	6♊23	28° 1	16°42	13° 1	26°53	20°44	25°48	24° 3	28°20	8°46	9°53	23°56	17°27	T 24
W25	8 14 16	4°24'13	20°23	29°41	17°46	13°42	27° 7	20°44	25°51	24° 2	28°20	8°39	9°50	24° 3	17°27	W25
T 26	8 18 12	5°25'10	4♋52	1♒21	18°50	14°23	27°21	20°44	25°54	24° 1	28°21	8°31	9°47	24° 9	17°D27	T 26
F 27	8 22 9	6°26'05	19°47	3° 2	19°55	15° 4	27°35	20°45	25°57	24° 0	28°21	8°21	9°43	24°16	17°27	F 27
S 28	8 26 5	7°27'00	4♌58	4°44	20°59	15°45	27°49	20°45	26° 0	23°58	28°21	8°11	9°40	24°23	17°27	S 28
S 29	8 30 2	8°27'53	20°15	6°26	22° 4	16°27	28° 3	20°46	26° 3	23°57	28°21	8° 3	9°37	24°29	17°27	S 29
M30	8 33 59	9°28'45	5♍27	8° 9	23° 9	17° 8	28°17	20°47	26° 6	23°56	28°21	7°56	9°34	24°36	17°28	M30
T 31	8 37 55	10♒29'37	20♍24	9♒53	24♐14	17♐49	28♑31	20♉48	26♐ 9	23♊55	28°R21	7♎53	9♎31	24♒43	17♉28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 6	13n 8	4s18	23s 5	0n10	15s10	3n46	19s15	0n21	22s 3	0s18	15n55	2s14	23s30	0s 9	22n 5	1s17	4n53	16n46	4s20	4s24	10s40	14n21	2s56
M 2	23 1	9 21	3 30	23 17	0 3	15 22	3 47	19 25	0 21	22 1	0 18	15 55	2 14	23 30	0 9	22 5	1 17	4 53	16 47	4 17	4 23	10 39	14 21	2 56
T 3	22 56	5 3	2 29	23 28	0s 5	15 34	3 47	19 35	0 20	21 59	0 18	15 54	2 13	23 30	0 9	22 5	1 17	4 54	16 47	4 16	4 21	10 37	14 20	2 56
W 4	22 50	0 33	1 19	23 38	0 12	15 46	3 48	19 44	0 19	21 57	0 19	15 54	2 13	23 30	0 9	22 5	1 17	4 54	16 48	4 15	4 20	10 36	14 20	2 55
T 5	22 44	3s52	0 6	23 47	0 19	15 58	3 48	19 53	0 19	21 55	0 19	15 54	2 13	23 31	0 9	22 5	1 17	4 54	16 49	4 15	4 19	10 34	14 20	2 55
F 6	22 37	7 59	1n 5	23 55	0 26	16 11	3 48	20 2	0 18	21 52	0 19	15 54	2 12	23 31	0 9	22 5	1 17	4 54	16 49	4 15	4 18	10 32	14 19	2 55
S 7	22 30	11 36	2 11	24 1	0 33	16 23	3 47	20 11	0 17	21 50	0 19	15 53	2 12	23 31	0 9	22 5	1 17	4 54	16 50	4 14	4 16	10 31	14 19	2 55
S 8	22 23	14 34	3 9	24 6	0 40	16 35	3 47	20 20	0 17	21 48	0 19	15 53	2 12	23 31	0 9	22 4	1 17	4 55	16 50	4 13	4 15	10 29	14 19	2 55
M 9	22 15	16 46	3 56	24 10	0 46	16 48	3 46	20 29	0 16	21 46	0 19	15 53	2 12	23 31	0 9	22 4	1 17	4 55	16 51	4 10	4 14	10 28	14 18	2 55
T 10	22 6	18 7	4 31	24 13	0 53	17 0	3 45	20 37	0 15	21 43	0 19	15 53	2 11	23 31	0 9	22 4	1 17	4 55	16 51	4 7	4 13	10 26	14 18	2 55
W11	21 57	18 34	4 53	24 15	0 59	17 12	3 44	20 46	0 15	21 41	0 19	15 53	2 11	23 31	0 9	22 4	1 17	4 55	16 52	4 2	4 11	10 25	14 18	2 55
T 12	21 48	18 8	5 0	24 15	1 5	17 24	3 43	20 54	0 14	21 39	0 19	15 53	2 11	23 32	0 9	22 4	1 17	4 56	16 52	3 56	4 10	10 23	14 18	2 55
F 13	21 38	16 53	4 54	24 14	1 10	17 35	3 42	21 2	0 13	21 36	0 19	15 53	2 10	23 32	0 9	22 4	1 17	4 56	16 53	3 51	4 9	10 21	14 18	2 55
S 14	21 28	14 54	4 34	24 11	1 16	17 47	3 40	21 10	0 13	21 34	0 19	15 53	2 10	23 32	0 9	22 4	1 17	4 56	16 53	3 45	4 8	10 20	14 17	2 55
S 15	21 18	12 18	4 3	24 8	1 21	17 58	3 39	21 17	0 12	21 31	0 20	15 53	2 10	23 32	0 9	22 4	1 17	4 57	16 54	3 40	4 6	10 18	14 17	2 55
M16	21 7	9 13	3 21	24 2	1 26	18 10	3 37	21 25	0 11	21 29	0 20	15 53	2 10	23 32	0 9	22 4	1 17	4 57	16 55	3 36	4 5	10 17	14 17	2 55
T 17	20 56	5 47	2 30	23 56	1 31	18 21	3 35	21 32	0 11	21 26	0 20	15 53	2 9	23 32	0 9	22 4	1 17	4 57	16 55	3 34	4 4	10 15	14 17	2 54
W18	20 44	2 7	1 33	23 48	1 35	18 31	3 33	21 39	0 10	21 24	0 20	15 53	2 9	23 32	0 9	22 4	1 16	4 58	16 56	3 32	4 3	10 13	14 17	2 54
T 19	20 32	1n39	0 31	23 38	1 39	18 42	3 31	21 46	0 9	21 21	0 20	15 53	2 9	23 32	0 9	22 4	1 16	4 58	16 56	3 31	4 1	10 12	14 17	2 54
F 20	20 19	5 25	0s33	23 27	1 43	18 52	3 29	21 53	0 9	21 19	0 20	15 54	2 8	23 33	0 9	22 4	1 16	4 58	16 57	3 31	4 0	10 10	14 17	2 54
S 21	20 6	9 1	1 36	23 15	1 47	19 2	3 27	21 59	0 8	21 16	0 20	15 54	2 8	23 33	0 9	22 4	1 16	4 59	16 57	3 32	3 59	10 9	14 17	2 54
S 22	19 53	12 18	2 37	23 1	1 50	19 12	3 24	22 6	0 7	21 14	0 20	15 54	2 8	23 33	0 9	22 4	1 16	4 59	16 58	3 31	3 58	10 7	14 17	2 54
M23	19 39	15 6	3 32	22 46	1 53	19 21	3 22	22 12	0 6	21 11	0 20	15 54	2 8	23 33	0 9	22 4	1 16	5 0	16 59	3 31	3 56	10 5	14 17	2 54
T 24	19 25	17 11	4 17	22 29	1 56	19 30	3 19	22 18	0 6	21 9	0 20	15 55	2 7	23 33	0 9	22 4	1 16	5 0	16 59	3 29	3 55	10 4	14 17	2 54
W25	19 11	18 19	4 49	22 10	1 58	19 39	3 16	22 24	0 5	21 6	0 21	15 55	2 7	23 33	0 9	22 4	1 16	5 0	17 0	3 26	3 54	10 2	14 17	2 54
T 26	18 56	18 20	5 3	21 50	2 0	19 47	3 13	22 29	0 4	21 3	0 21	15 55	2 7	23 33	0 9	22 4	1 16	5 1	17 0	3 23	3 53	10 1	14 17	2 54
F 27	18 41	17 6	4 58	21 29	2 2	19 55	3 10	22 35	0 3	21 1	0 21	15 56	2 6	23 33	0 9	22 4	1 16	5 1	17 1	3 19	3 51	9 59	14 17	2 54
S 28	18 26	14 39	4 32	21 6	2 3	20 3	3 7	22 40	0 3	20 58	0 21	15 56	2 6	23 33	0 9	22 4	1 16	5 2	17 1	3 15	3 50	9 57	14 17	2 53
S 29	18 10	11 11	3 46	20 41	2 4	20 10	3 4	22 45	0 2	20 55	0 21	15 57	2 6	23 34	0 9	22 4	1 16	5 2	17 2	3 12	3 49	9 56	14 17	2 53
M30	17 54	6 59	2 44	20 15	2 5	20 17	3 1	22 50	0 1	20 52	0 21	15 57	2 6	23 34	0 9	22 4	1 16	5 3	17 2	3 9	3 48	9 54	14 18	2 53
T 31	17s38	2n24	1s32	19s48	2s 5	20s23	2n58	22s54	0n 0	20s50	0s21	15n58	2s 5	23s34	0s 9	22n 4	1s16	5n 3	17n 3	3s 8	3s46	9s53	14n18	2s53

Julian Day Number = 2355120.5, Delta T = 12.31 sec
Ecliptic obliquity = 23°28'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'17, Lahiri = 20°10'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

FEBRUARY 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 41 52	11♒30'27	5♎ 0	11♒38	25♐20	18♐30	28♑45	20♉49	26♐12	23°R54	28°R21	7°D52	9♎28	24♒49	17♉28	W 1
T 2	8 45 48	12°31'16	19°11	13°23	26°26	19°11	28°59	20°50	26°15	23♊53	28♎21	7♎52	9°24	24°56	17°29	T 2
F 3	8 49 45	13°32'05	2♏55	15° 9	27°32	19°53	29°13	20°51	26°17	23°52	28°21	7°53	9°21	25° 3	17°29	F 3
S 4	8 53 41	14°32'53	16°15	16°55	28°38	20°34	29°27	20°53	26°20	23°51	28°21	7°R53	9°18	25° 9	17°30	S 4
S 5	8 57 38	15°33'39	29°14	18°43	29°45	21°15	29°41	20°54	26°23	23°50	28°21	7°52	9°15	25°16	17°30	S 5
M 6	9 1 34	16°34'25	11♐54	20°31	0♑51	21°57	29°55	20°56	26°26	23°49	28°20	7°49	9°12	25°23	17°31	M 6
T 7	9 5 31	17°35'10	24°20	22°19	1°58	22°38	0♒ 9	20°57	26°28	23°48	28°20	7°43	9° 8	25°29	17°32	T 7
W 8	9 9 28	18°35'53	6♑34	24° 8	3° 5	23°19	0°23	20°59	26°31	23°48	28°20	7°36	9° 5	25°36	17°33	W 8
T 9	9 13 24	19°36'36	18°40	25°58	4°12	24° 1	0°37	21° 1	26°33	23°47	28°20	7°27	9° 2	25°43	17°34	T 9
F 10	9 17 21	20°37'17	0♒39	27°47	5°20	24°42	0°50	21° 3	26°36	23°46	28°19	7°17	8°59	25°50	17°35	F 10
S 11	9 21 17	21°37'56	12°33	29°38	6°27	25°24	1° 4	21° 5	26°38	23°45	28°19	7° 8	8°56	25°56	17°36	S 11
S 12	9 25 14	22°38'35	24°23	1♓28	7°35	26° 5	1°18	21° 7	26°41	23°45	28°19	7° 0	8°53	26° 3	17°37	S 12
M13	9 29 10	23°39'11	6♓12	3°18	8°43	26°47	1°31	21°10	26°43	23°44	28°18	6°54	8°49	26°10	17°38	M13
T 14	9 33 7	24°39'46	18° 1	5° 8	9°51	27°28	1°45	21°12	26°45	23°43	28°18	6°49	8°46	26°16	17°39	T 14
W15	9 37 3	25°40'20	29°53	6°57	10°59	28°10	1°59	21°15	26°48	23°43	28°17	6°47	8°43	26°23	17°40	W15
T 16	9 41 0	26°40'52	11♈50	8°46	12° 7	28°51	2°12	21°17	26°50	23°42	28°17	6°D47	8°40	26°30	17°42	T 16
F 17	9 44 56	27°41'22	23°55	10°33	13°16	29°33	2°26	21°20	26°52	23°41	28°16	6°48	8°37	26°36	17°43	F 17
S 18	9 48 53	28°41'50	6♉13	12°19	14°24	0♑14	2°39	21°23	26°54	23°41	28°15	6°50	8°34	26°43	17°45	S 18
S 19	9 52 50	29°42'16	18°48	14° 4	15°33	0°56	2°52	21°26	26°56	23°40	28°15	6°52	8°30	26°50	17°46	S 19
M20	9 56 46	0♓42'40	1♊45	15°45	16°42	1°37	3° 6	21°29	26°59	23°40	28°14	6°R52	8°27	26°56	17°48	M20
T 21	10 0 43	1°43'03	15° 6	17°25	17°51	2°19	3°19	21°32	27° 1	23°39	28°13	6°51	8°24	27° 3	17°50	T 21
W22	10 4 39	2°43'23	28°55	19° 0	19° 0	3° 1	3°32	21°36	27° 3	23°39	28°13	6°49	8°21	27°10	17°51	W22
T 23	10 8 36	3°43'42	13♋12	20°32	20° 9	3°42	3°46	21°39	27° 5	23°39	28°12	6°45	8°18	27°16	17°53	T 23
F 24	10 12 32	4°43'58	27°55	21°59	21°18	4°24	3°59	21°43	27° 6	23°38	28°11	6°41	8°14	27°23	17°55	F 24
S 25	10 16 29	5°44'13	12♌58	23°22	22°28	5° 5	4°12	21°46	27° 8	23°38	28°10	6°36	8°11	27°30	17°57	S 25
S 26	10 20 25	6°44'25	28°12	24°38	23°37	5°47	4°25	21°50	27°10	23°38	28° 9	6°32	8° 8	27°36	17°59	S 26
M27	10 24 22	7°44'36	13♍28	25°48	24°47	6°29	4°38	21°54	27°12	23°38	28° 9	6°29	8° 5	27°43	18° 1	M27
T 28	10 28 19	8°44'45	28°35	26°51	25°56	7°10	4°51	21°57	27°14	23°37	28° 8	6°27	8° 2	27°50	18° 3	T 28
W29	10 32 15	9♓44'52	13♎23	27♓47	27♑ 6	7♑52	5♒ 4	22♉ 1	27♐15	23♊37	28♎ 7	6°D27	7♎59	27♒56	18♉ 5	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s21	2s13	0s15	19s18	2s 4	20s29	2n54	22s59	0s 0	20s47	0s21	15n58	2s 5	23s34	0s 9	22n 4	1s16	5n 4	17n 4	3s 7	3s45	9s51	14n18	2s53
T 2	17 4	6 35	1n 0	18 48	2 3	20 35	2 51	23 3	0 1	20 44	0 21	15 59	2 5	23 34	0 9	22 4	1 16	5 4	17 4	3 7	3 44	9 49	14 18	2 53
F 3	16 47	10 27	2 10	18 15	2 2	20 40	2 47	23 7	0 2	20 41	0 21	15 59	2 4	23 34	0 9	22 4	1 16	5 5	17 5	3 8	3 43	9 48	14 18	2 53
S 4	16 29	13 40	3 11	17 42	2 0	20 44	2 44	23 11	0 3	20 39	0 22	16 0	2 4	23 34	0 9	22 4	1 16	5 6	17 5	3 8	3 41	9 46	14 19	2 53
S 5	16 12	16 6	4 0	17 6	1 58	20 48	2 40	23 15	0 4	20 36	0 22	16 1	2 4	23 34	0 9	22 4	1 16	5 6	17 6	3 8	3 40	9 45	14 19	2 53
M 6	15 53	17 41	4 36	16 29	1 55	20 52	2 37	23 18	0 5	20 33	0 22	16 1	2 4	23 34	0 9	22 4	1 16	5 7	17 6	3 6	3 39	9 43	14 19	2 53
T 7	15 35	18 22	4 59	15 51	1 52	20 55	2 33	23 21	0 5	20 30	0 22	16 2	2 3	23 34	0 9	22 4	1 16	5 7	17 7	3 4	3 38	9 41	14 20	2 52
W 8	15 16	18 12	5 7	15 11	1 48	20 57	2 29	23 24	0 6	20 27	0 22	16 3	2 3	23 35	0 9	22 4	1 16	5 8	17 7	3 1	3 36	9 40	14 20	2 52
T 9	14 57	17 12	5 1	14 30	1 43	20 59	2 25	23 27	0 7	20 24	0 22	16 4	2 3	23 35	0 9	22 4	1 16	5 8	17 8	2 58	3 35	9 38	14 20	2 52
F 10	14 38	15 27	4 42	13 47	1 38	21 1	2 21	23 30	0 8	20 22	0 22	16 5	2 2	23 35	0 9	22 4	1 16	5 9	17 8	2 54	3 34	9 36	14 21	2 52
S 11	14 19	13 3	4 11	13 3	1 32	21 2	2 17	23 32	0 9	20 19	0 22	16 5	2 2	23 35	0 9	22 4	1 16	5 10	17 9	2 50	3 33	9 35	14 21	2 52
S 12	13 59	10 7	3 29	12 18	1 26	21 2	2 13	23 34	0 10	20 16	0 22	16 6	2 2	23 35	0 9	22 4	1 15	5 10	17 10	2 47	3 31	9 33	14 21	2 52
M13	13 39	6 48	2 38	11 32	1 19	21 2	2 9	23 36	0 10	20 13	0 23	16 7	2 2	23 35	0 9	22 4	1 15	5 11	17 10	2 44	3 30	9 32	14 22	2 52
T 14	13 19	3 12	1 40	10 45	1 11	21 1	2 5	23 38	0 11	20 10	0 23	16 8	2 1	23 35	0 9	22 4	1 15	5 12	17 11	2 43	3 29	9 30	14 22	2 52
W15	12 59	0n32	0 37	9 56	1 3	21 0	2 1	23 40	0 12	20 7	0 23	16 9	2 1	23 35	0 9	22 4	1 15	5 12	17 11	2 42	3 28	9 28	14 23	2 52
T 16	12 38	4 16	0s27	9 7	0 53	20 58	1 57	23 41	0 13	20 4	0 23	16 10	2 1	23 35	0 9	22 4	1 15	5 13	17 12	2 42	3 26	9 27	14 23	2 52
F 17	12 17	7 52	1 32	8 18	0 44	20 56	1 53	23 42	0 14	20 1	0 23	16 11	2 0	23 35	0 9	22 4	1 15	5 14	17 12	2 42	3 25	9 25	14 24	2 51
S 18	11 57	11 12	2 34	7 28	0 33	20 53	1 49	23 43	0 15	19 58	0 23	16 12	2 0	23 35	0 9	22 4	1 15	5 14	17 13	2 43	3 24	9 23	14 24	2 51
S 19	11 35	14 5	3 29	6 37	0 22	20 50	1 45	23 44	0 16	19 55	0 23	16 13	2 0	23 35	0 9	22 4	1 15	5 15	17 13	2 44	3 23	9 22	14 25	2 51
M20	11 14	16 22	4 16	5 47	0 11	20 46	1 41	23 44	0 17	19 52	0 23	16 14	2 0	23 35	0 9	22 4	1 15	5 16	17 14	2 44	3 21	9 20	14 25	2 51
T 21	10 53	17 50	4 50	4 57	0n 2	20 41	1 37	23 45	0 18	19 49	0 24	16 15	1 59	23 35	0 9	22 4	1 15	5 16	17 14	2 43	3 20	9 19	14 26	2 51
W22	10 31	18 18	5 10	4 8	0 15	20 36	1 32	23 45	0 19	19 46	0 24	16 16	1 59	23 36	0 9	22 4	1 15	5 17	17 15	2 43	3 19	9 17	14 26	2 51
T 23	10 9	17 40	5 11	3 20	0 28	20 30	1 28	23 45	0 20	19 43	0 24	16 17	1 59	23 36	0 9	22 4	1 15	5 18	17 15	2 41	3 18	9 15	14 27	2 51
F 24	9 47	15 51	4 51	2 33	0 42	20 24	1 24	23 44	0 21	19 40	0 24	16 18	1 59	23 36	0 9	22 4	1 15	5 18	17 16	2 39	3 16	9 14	14 27	2 51
S 25	9 25	12 55	4 12	1 47	0 56	20 17	1 20	23 44	0 21	19 37	0 24	16 20	1 58	23 36	0 9	22 4	1 15	5 19	17 16	2 37	3 15	9 12	14 28	2 51
S 26	9 3	9 4	3 15	1 4	1 10	20 10	1 16	23 43	0 22	19 34	0 24	16 21	1 58	23 36	0 9	22 4	1 15	5 20	17 16	2 36	3 14	9 10	14 29	2 51
M27	8 41	4 37	2 3	0 23	1 24	20 2	1 11	23 42	0 23	19 31	0 24	16 22	1 58	23 36	0 9	22 4	1 15	5 21	17 17	2 35	3 13	9 9	14 29	2 51
T 28	8 18	0s 6	0 43	0n16	1 39	19 53	1 7	23 41	0 24	19 28	0 24	16 23	1 57	23 36	0 9	22 4	1 15	5 21	17 17	2 34	3 11	9 7	14 30	2 50
W29	7s55	4s42	0n38	0n51	1n53	19s44	1n 3	23s40	0s25	19s25	0s25	16n25	1s57	23s36	0s 9	22n 4	1s15	5n22	17n18	2s34	3s10	9s 5	14n31	2s50

Julian Day Number = 2355151.5, Delta T = 12.33 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'21, Lahiri = 20°10'22Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

MARCH 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 12	10♓44'57	27♎49	28♓35	28♑16	8♑34	5♒17	22♉ 5	27♐17	23°R37	28°R 6	6♎28	7♎55	28♒ 3	18♉ 7	T 1
F 2	10 40 8	11°45'01	11♏47	29°15	29°26	9°16	5°29	22° 9	27°19	23♊37	28♎ 5	6°30	7°52	28°10	18°10	F 2
S 3	10 44 5	12°45'03	25°17	29°46	0♒36	9°57	5°42	22°14	27°20	23°37	28° 4	6°31	7°49	28°16	18°12	S 3
S 4	10 48 1	13°45'04	8♐22	0♈ 8	1°46	10°39	5°55	22°18	27°22	23°D37	28° 3	6°R32	7°46	28°23	18°15	S 4
M 5	10 51 58	14°45'03	21° 5	0°21	2°56	11°21	6° 7	22°22	27°23	23°37	28° 2	6°32	7°43	28°30	18°17	M 5
T 6	10 55 54	15°45'00	3♑30	0°R25	4° 7	12° 3	6°20	22°27	27°24	23°37	28° 0	6°31	7°39	28°36	18°19	T 6
W 7	10 59 51	16°44'56	15°40	0°20	5°17	12°45	6°32	22°31	27°26	23°37	27°59	6°29	7°36	28°43	18°22	W 7
T 8	11 3 48	17°44'50	27°40	0° 7	6°27	13°27	6°45	22°36	27°27	23°37	27°58	6°26	7°33	28°50	18°25	T 8
F 9	11 7 44	18°44'42	9♒33	29♓45	7°38	14° 8	6°57	22°41	27°28	23°37	27°57	6°23	7°30	28°57	18°27	F 9
S 10	11 11 41	19°44'33	21°22	29°16	8°49	14°50	7° 9	22°46	27°29	23°37	27°56	6°21	7°27	29° 3	18°30	S 10
S 11	11 15 37	20°44'21	3♈11	28°40	9°59	15°32	7°22	22°51	27°31	23°38	27°55	6°18	7°24	29°10	18°33	S 11
M12	11 19 34	21°44'08	15° 1	27°58	11°10	16°14	7°34	22°56	27°32	23°38	27°53	6°16	7°20	29°17	18°36	M12
T 13	11 23 30	22°43'52	26°55	27°12	12°21	16°56	7°46	23° 1	27°33	23°38	27°52	6°16	7°17	29°23	18°39	T 13
W14	11 27 27	23°43'35	8♈54	26°21	13°32	17°38	7°58	23° 6	27°34	23°38	27°51	6°D15	7°14	29°30	18°41	W14
T 15	11 31 23	24°43'15	21° 1	25°28	14°42	18°20	8°10	23°11	27°35	23°39	27°49	6°16	7°11	29°37	18°44	T 15
F 16	11 35 20	25°42'54	3♉17	24°33	15°53	19° 2	8°21	23°16	27°35	23°39	27°48	6°17	7° 8	29°43	18°47	F 16
S 17	11 39 16	26°42'30	15°46	23°38	17° 4	19°43	8°33	23°22	27°36	23°40	27°47	6°18	7° 5	29°50	18°51	S 17
S 18	11 43 13	27°42'04	28°29	22°43	18°15	20°25	8°45	23°27	27°37	23°40	27°45	6°18	7° 1	29°57	18°54	S 18
M19	11 47 10	28°41'35	11♊29	21°51	19°26	21° 7	8°56	23°33	27°38	23°40	27°44	6°19	6°58	0♓ 3	18°57	M19
T 20	11 51 6	29°41'05	24°49	21° 2	20°38	21°49	9° 8	23°38	27°38	23°41	27°42	6°R19	6°55	0°10	19° 0	T 20
W21	11 55 3	0♈40'32	8♋30	20°16	21°49	22°31	9°19	23°44	27°39	23°42	27°41	6°19	6°52	0°17	19° 3	W21
T 22	11 58 59	1°39'56	22°33	19°34	23° 0	23°13	9°30	23°50	27°40	23°42	27°40	6°19	6°49	0°23	19° 7	T 22
F 23	12 2 56	2°39'19	6♌57	18°58	24°11	23°55	9°41	23°55	27°40	23°43	27°38	6°19	6°45	0°30	19°10	F 23
S 24	12 6 52	3°38'39	21°40	18°27	25°23	24°37	9°52	24° 1	27°41	23°43	27°37	6°18	6°42	0°37	19°13	S 24
S 25	12 10 49	4°37'56	6♍35	18° 1	26°34	25°19	10° 3	24° 7	27°41	23°44	27°35	6°18	6°39	0°43	19°17	S 25
M26	12 14 45	5°37'12	21°35	17°41	27°45	26° 1	10°14	24°13	27°41	23°45	27°34	6°18	6°36	0°50	19°20	M26
T 27	12 18 42	6°36'25	6♎33	17°27	28°57	26°43	10°25	24°19	27°42	23°46	27°32	6°18	6°33	0°57	19°24	T 27
W28	12 22 39	7°35'36	21°19	17°18	0♓ 8	27°25	10°36	24°25	27°42	23°46	27°30	6°18	6°30	1° 3	19°27	W28
T 29	12 26 35	8°34'45	5♏48	17°D16	1°20	28° 7	10°46	24°32	27°42	23°47	27°29	6°18	6°26	1°10	19°31	T 29
F 30	12 30 32	9°33'52	19°53	17°19	2°31	28°49	10°57	24°38	27°42	23°48	27°27	6°18	6°23	1°17	19°34	F 30
S 31	12 34 28	10♈32'58	3♐32	17♓27	3♓43	29♑31	11♒ 7	24♉44	27♐42	23♊49	27♎26	6♎17	6♎20	1♓23	19♉38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s33	8s55	1n55	1n23	2n 7	19s34	0n59	23s38	0s26	19s22	0s25	16n26	1s57	23s36	0s 9	22n 5	1s15	5n23	17n18	2s34	3s 9	9s 4	14n31	2s50
F 2	7 10	12 30	3 2	1 51	2 21	19 24	0 55	23 36	0 27	19 19	0 25	16 27	1 57	23 36	0 9	22 5	1 15	5 23	17 19	2 35	3 8	9 2	14 32	2 50
S 3	6 47	15 16	3 57	2 15	2 34	19 13	0 51	23 34	0 28	19 16	0 25	16 28	1 56	23 36	0 9	22 5	1 15	5 24	17 19	2 36	3 6	9 1	14 33	2 50
S 4	6 24	17 9	4 38	2 35	2 46	19 2	0 47	23 32	0 29	19 13	0 25	16 30	1 56	23 36	0 9	22 5	1 14	5 25	17 20	2 36	3 5	8 59	14 34	2 50
M 5	6 1	18 7	5 4	2 51	2 57	18 50	0 43	23 29	0 30	19 10	0 25	16 31	1 56	23 36	0 9	22 5	1 14	5 26	17 20	2 36	3 4	8 57	14 34	2 50
T 6	5 38	18 11	5 15	3 2	3 7	18 38	0 38	23 27	0 31	19 7	0 25	16 33	1 56	23 36	0 9	22 5	1 14	5 26	17 20	2 35	3 3	8 56	14 35	2 50
W 7	5 14	17 24	5 11	3 8	3 16	18 25	0 34	23 24	0 32	19 4	0 26	16 34	1 55	23 36	0 9	22 5	1 14	5 27	17 21	2 35	3 1	8 54	14 36	2 50
T 8	4 51	15 51	4 54	3 10	3 24	18 12	0 30	23 21	0 34	19 1	0 26	16 35	1 55	23 36	0 9	22 5	1 14	5 28	17 21	2 34	3 0	8 52	14 37	2 50
F 9	4 27	13 38	4 24	3 6	3 30	17 58	0 26	23 18	0 35	18 59	0 26	16 37	1 55	23 36	0 10	22 5	1 14	5 29	17 21	2 32	2 59	8 51	14 37	2 50
S 10	4 4	10 52	3 44	2 59	3 34	17 43	0 23	23 14	0 36	18 56	0 26	16 38	1 55	23 36	0 10	22 5	1 14	5 29	17 22	2 31	2 58	8 49	14 38	2 50
S 11	3 40	7 40	2 53	2 47	3 36	17 28	0 19	23 10	0 37	18 53	0 26	16 40	1 54	23 36	0 10	22 5	1 14	5 30	17 22	2 30	2 56	8 47	14 39	2 50
M12	3 17	4 9	1 55	2 30	3 37	17 13	0 15	23 6	0 38	18 50	0 26	16 41	1 54	23 36	0 10	22 5	1 14	5 31	17 23	2 30	2 55	8 46	14 40	2 50
T 13	2 53	0 27	0 52	2 10	3 35	16 57	0 11	23 2	0 39	18 47	0 26	16 43	1 54	23 36	0 10	22 5	1 14	5 32	17 23	2 29	2 54	8 44	14 41	2 49
W14	2 30	3n18	0s15	1 47	3 32	16 40	0 7	22 58	0 40	18 44	0 27	16 44	1 54	23 37	0 10	22 5	1 14	5 32	17 23	2 29	2 52	8 42	14 42	2 49
T 15	2 6	6 58	1 21	1 21	3 26	16 23	0 3	22 54	0 41	18 41	0 27	16 46	1 54	23 37	0 10	22 5	1 14	5 33	17 24	2 29	2 51	8 41	14 42	2 49
F 16	1 42	10 22	2 24	0 53	3 19	16 6	0s 0	22 49	0 42	18 38	0 27	16 47	1 53	23 37	0 10	22 5	1 14	5 34	17 24	2 30	2 50	8 39	14 43	2 49
S 17	1 19	13 21	3 22	0 23	3 10	15 48	0 4	22 44	0 43	18 35	0 27	16 49	1 53	23 37	0 10	22 5	1 14	5 35	17 24	2 30	2 49	8 37	14 44	2 49
S 18	0 55	15 46	4 11	0s 8	3 0	15 30	0 8	22 39	0 44	18 32	0 27	16 50	1 53	23 37	0 10	22 6	1 14	5 35	17 24	2 30	2 47	8 36	14 45	2 49
M19	0 31	17 26	4 48	0 40	2 48	15 11	0 11	22 34	0 45	18 29	0 27	16 52	1 53	23 37	0 10	22 6	1 14	5 36	17 25	2 31	2 46	8 34	14 46	2 49
T 20	0 8	18 11	5 11	1 11	2 35	14 52	0 15	22 28	0 47	18 26	0 27	16 53	1 52	23 37	0 10	22 6	1 14	5 37	17 25	2 31	2 45	8 32	14 47	2 49
W21	0n16	17 55	5 17	1 42	2 21	14 32	0 18	22 22	0 48	18 23	0 28	16 55	1 52	23 37	0 10	22 6	1 14	5 38	17 25	2 31	2 44	8 31	14 48	2 49
T 22	0 40	16 34	5 5	2 11	2 7	14 12	0 22	22 16	0 49	18 21	0 28	16 57	1 52	23 37	0 10	22 6	1 14	5 38	17 26	2 31	2 42	8 29	14 49	2 49
F 23	1 3	14 9	4 34	2 40	1 52	13 52	0 25	22 10	0 50	18 18	0 28	16 58	1 52	23 37	0 10	22 6	1 13	5 39	17 26	2 31	2 41	8 27	14 50	2 49
S 24	1 27	10 46	3 44	3 6	1 36	13 31	0 28	22 4	0 51	18 15	0 28	17 0	1 52	23 37	0 10	22 6	1 13	5 40	17 26	2 30	2 40	8 26	14 51	2 49
S 25	1 51	6 40	2 38	3 30	1 21	13 10	0 31	21 58	0 52	18 12	0 28	17 2	1 51	23 37	0 10	22 6	1 13	5 41	17 26	2 30	2 39	8 24	14 52	2 49
M26	2 14	2 6	1 21	3 53	1 5	12 49	0 35	21 51	0 54	18 9	0 28	17 3	1 51	23 37	0 10	22 6	1 13	5 41	17 27	2 30	2 37	8 22	14 53	2 49
T 27	2 38	2s35	0n 1	4 12	0 50	12 27	0 38	21 44	0 55	18 7	0 29	17 5	1 51	23 37	0 10	22 6	1 13	5 42	17 27	2 30	2 36	8 21	14 54	2 49
W28	3 1	7 3	1 23	4 30	0 34	12 4	0 41	21 37	0 56	18 4	0 29	17 7	1 51	23 37	0 10	22 6	1 13	5 43	17 27	2 30	2 35	8 19	14 54	2 49
T 29	3 24	11 0	2 37	4 45	0 19	11 42	0 44	21 30	0 57	18 1	0 29	17 8	1 51	23 37	0 10	22 6	1 13	5 44	17 27	2 30	2 34	8 17	14 55	2 49
F 30	3 48	14 13	3 39	4 57	0 5	11 19	0 47	21 22	0 58	17 58	0 29	17 10	1 50	23 37	0 10	22 6	1 13	5 44	17 27	2 30	2 32	8 16	14 56	2 49
S 31	4n11	16s31	4n27	5s 7	0s 9	10s56	0s50	21s15	0s59	17s56	0s29	17n12	1s50	23s37	0s10	22n 7	1s13	5n45	17n27	2s30	2s31	8s14	14n57	2s49

Julian Day Number = 2355180.5, Delta T = 12.35 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'25, Lahiri = 20°10'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

APRIL 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 25	11♈32'02	16♐45	17♓40	4♓55	0♒13	11♒18	24♉50	27°R42	23♊50	27°R24	6°R17	6♎17	1♓30	19♉42	S 1
M 2	12 42 21	12°31'04	29°35	17°59	6° 6	0°55	11°28	24°57	27♐42	23°51	27♎22	6♎16	6°14	1°37	19°46	M 2
T 3	12 46 18	13°30'04	12♑ 3	18°22	7°18	1°37	11°38	25° 3	27°42	23°52	27°21	6°D16	6°11	1°43	19°49	T 3
W 4	12 50 14	14°29'02	24°14	18°50	8°30	2°19	11°48	25°10	27°42	23°53	27°19	6°16	6° 7	1°50	19°53	W 4
T 5	12 54 11	15°27'59	6♒14	19°22	9°42	3° 1	11°58	25°16	27°42	23°54	27°18	6°17	6° 4	1°57	19°57	T 5
F 6	12 58 8	16°26'53	18° 5	19°58	10°54	3°43	12° 7	25°23	27°42	23°55	27°16	6°18	6° 1	2° 3	20° 1	F 6
S 7	13 2 4	17°25'46	29°54	20°38	12° 5	4°25	12°17	25°30	27°42	23°56	27°14	6°19	5°58	2°10	20° 5	S 7
S 8	13 6 1	18°24'37	11♓43	21°22	13°17	5° 7	12°26	25°36	27°41	23°57	27°13	6°20	5°55	2°17	20° 9	S 8
M 9	13 9 57	19°23'26	23°36	22° 9	14°29	5°49	12°36	25°43	27°41	23°58	27°11	6°21	5°51	2°23	20°13	M 9
T 10	13 13 54	20°22'14	5♈37	23° 0	15°41	6°31	12°45	25°50	27°41	23°59	27° 9	6°R21	5°48	2°30	20°17	T 10
W11	13 17 50	21°20'59	17°47	23°54	16°53	7°13	12°54	25°57	27°40	24° 0	27° 8	6°21	5°45	2°37	20°21	W11
T 12	13 21 47	22°19'43	0♉ 8	24°51	18° 5	7°55	13° 3	26° 4	27°40	24° 2	27° 6	6°20	5°42	2°43	20°25	T 12
F 13	13 25 43	23°18'24	12°42	25°51	19°17	8°37	13°12	26°11	27°39	24° 3	27° 4	6°18	5°39	2°50	20°29	F 13
S 14	13 29 40	24°17'03	25°29	26°53	20°29	9°19	13°21	26°18	27°38	24° 4	27° 2	6°15	5°36	2°57	20°33	S 14
S 15	13 33 37	25°15'41	8♊29	27°59	21°41	10° 1	13°29	26°25	27°38	24° 6	27° 1	6°12	5°32	3° 3	20°37	S 15
M16	13 37 33	26°14'16	21°44	29° 7	22°53	10°42	13°38	26°32	27°37	24° 7	26°59	6°10	5°29	3°10	20°41	M16
T 17	13 41 30	27°12'49	5♋13	0♈17	24° 5	11°24	13°46	26°39	27°36	24° 8	26°57	6° 8	5°26	3°17	20°45	T 17
W18	13 45 26	28°11'20	18°57	1°29	25°18	12° 6	13°54	26°46	27°35	24°10	26°56	6° 6	5°23	3°23	20°49	W18
T 19	13 49 23	29° 9'49	2♌54	2°44	26°30	12°48	14° 3	26°53	27°35	24°11	26°54	6°D 6	5°20	3°30	20°54	T 19
F 20	13 53 19	0♉ 8'15	17° 5	4° 1	27°42	13°30	14°11	27° 1	27°34	24°13	26°52	6° 7	5°16	3°37	20°58	F 20
S 21	13 57 16	1° 6'39	1♍27	5°21	28°54	14°12	14°18	27° 8	27°33	24°14	26°51	6° 8	5°13	3°43	21° 2	S 21
S 22	14 1 12	2° 5'01	15°57	6°42	0♈ 6	14°54	14°26	27°15	27°32	24°16	26°49	6°10	5°10	3°50	21° 6	S 22
M23	14 5 9	3° 3'21	0♎32	8° 5	1°18	15°35	14°34	27°23	27°31	24°17	26°47	6°R11	5° 7	3°57	21°11	M23
T 24	14 9 5	4° 1'39	15° 7	9°31	2°31	16°17	14°41	27°30	27°30	24°19	26°46	6°10	5° 4	4° 3	21°15	T 24
W25	14 13 2	4°59'55	29°36	10°58	3°43	16°59	14°48	27°37	27°28	24°20	26°44	6° 9	5° 1	4°10	21°19	W25
T 26	14 16 59	5°58'09	13♏52	12°28	4°55	17°41	14°55	27°45	27°27	24°22	26°42	6° 6	4°57	4°17	21°24	T 26
F 27	14 20 55	6°56'22	27°51	13°59	6° 7	18°22	15° 2	27°52	27°26	24°23	26°40	6° 2	4°54	4°23	21°28	F 27
S 28	14 24 52	7°54'33	11♐28	15°32	7°20	19° 4	15° 9	28° 0	27°25	24°25	26°39	5°57	4°51	4°30	21°32	S 28
S 29	14 28 48	8°52'42	24°43	17° 8	8°32	19°46	15°16	28° 7	27°23	24°27	26°37	5°52	4°48	4°37	21°37	S 29
M30	14 32 45	9♉50'50	7♑35	18♈45	9♈44	20♒27	15♒22	28♉15	27♐22	24♊28	26♎36	5♎47	4♎45	4♓43	21♉41	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n34	17s51	5n 0	5s14	0s23	10s32	0s52	21s 7	1s 1	17s53	0s29	17n13	1s50	23s37	0s10	22n 7	1s13	5n46	17n28	2s30	2s30	8s12	14n58	2s49
M 2	4 57	18 13	5 16	5 19	0 36	10 8	0 55	20 59	1 2	17 50	0 30	17 15	1 50	23 37	0 10	22 7	1 13	5 46	17 28	2 30	2 29	8 11	14 59	2 49
T 3	5 20	17 41	5 16	5 21	0 48	9 44	0 58	20 51	1 3	17 48	0 30	17 17	1 50	23 37	0 10	22 7	1 13	5 47	17 28	2 30	2 27	8 9	15 1	2 49
W 4	5 43	16 20	5 2	5 21	1 0	9 19	1 0	20 43	1 4	17 45	0 30	17 19	1 50	23 37	0 10	22 7	1 13	5 48	17 28	2 30	2 26	8 7	15 2	2 49
T 5	6 6	14 17	4 35	5 19	1 12	8 55	1 3	20 34	1 6	17 43	0 30	17 20	1 49	23 37	0 10	22 7	1 13	5 48	17 28	2 30	2 25	8 6	15 3	2 49
F 6	6 29	11 40	3 57	5 14	1 22	8 30	1 5	20 26	1 7	17 40	0 30	17 22	1 49	23 37	0 10	22 7	1 13	5 49	17 28	2 30	2 24	8 4	15 4	2 49
S 7	6 51	8 35	3 9	5 8	1 32	8 5	1 8	20 17	1 8	17 38	0 30	17 24	1 49	23 37	0 10	22 7	1 13	5 50	17 28	2 31	2 22	8 2	15 5	2 49
S 8	7 14	5 8	2 12	4 59	1 41	7 39	1 10	20 8	1 9	17 35	0 31	17 26	1 49	23 37	0 10	22 7	1 13	5 50	17 28	2 31	2 21	8 1	15 6	2 49
M 9	7 36	1 28	1 10	4 48	1 50	7 13	1 12	19 59	1 11	17 33	0 31	17 27	1 49	23 37	0 10	22 7	1 13	5 51	17 29	2 31	2 20	7 59	15 7	2 49
T 10	7 58	2n18	0 4	4 35	1 58	6 47	1 14	19 50	1 12	17 30	0 31	17 29	1 48	23 37	0 10	22 8	1 13	5 52	17 29	2 32	2 19	7 57	15 8	2 49
W11	8 20	6 1	1s 3	4 21	2 6	6 21	1 16	19 40	1 13	17 28	0 31	17 31	1 48	23 37	0 10	22 8	1 13	5 52	17 29	2 31	2 17	7 56	15 9	2 49
T 12	8 42	9 32	2 8	4 4	2 12	5 55	1 18	19 31	1 14	17 25	0 31	17 33	1 48	23 37	0 10	22 8	1 13	5 53	17 29	2 31	2 16	7 54	15 10	2 49
F 13	9 4	12 41	3 8	3 46	2 19	5 29	1 20	19 21	1 16	17 23	0 32	17 34	1 48	23 37	0 10	22 8	1 12	5 53	17 29	2 30	2 15	7 52	15 11	2 49
S 14	9 26	15 17	3 59	3 26	2 24	5 2	1 22	19 11	1 17	17 21	0 32	17 36	1 48	23 37	0 10	22 8	1 12	5 54	17 29	2 29	2 13	7 51	15 12	2 49
S 15	9 47	17 9	4 39	3 5	2 29	4 35	1 24	19 1	1 18	17 18	0 32	17 38	1 48	23 37	0 10	22 8	1 12	5 55	17 29	2 28	2 12	7 49	15 13	2 49
M16	10 8	18 8	5 5	2 42	2 33	4 8	1 25	18 51	1 20	17 16	0 32	17 40	1 48	23 37	0 10	22 8	1 12	5 55	17 29	2 27	2 11	7 47	15 14	2 49
T 17	10 30	18 7	5 15	2 17	2 37	3 41	1 27	18 41	1 21	17 14	0 32	17 41	1 47	23 37	0 10	22 8	1 12	5 56	17 29	2 26	2 10	7 45	15 15	2 49
W18	10 51	17 3	5 7	1 51	2 40	3 14	1 29	18 30	1 22	17 12	0 33	17 43	1 47	23 37	0 10	22 8	1 12	5 56	17 29	2 26	2 8	7 44	15 16	2 49
T 19	11 11	14 58	4 42	1 24	2 43	2 46	1 30	18 20	1 24	17 10	0 33	17 45	1 47	23 37	0 10	22 8	1 12	5 57	17 29	2 26	2 7	7 42	15 17	2 49
F 20	11 32	11 57	3 58	0 55	2 45	2 19	1 31	18 9	1 25	17 7	0 33	17 47	1 47	23 37	0 10	22 9	1 12	5 57	17 29	2 26	2 6	7 40	15 18	2 49
S 21	11 53	8 11	3 0	0 25	2 46	1 51	1 33	17 58	1 26	17 5	0 33	17 49	1 47	23 37	0 10	22 9	1 12	5 58	17 29	2 26	2 5	7 39	15 20	2 49
S 22	12 13	3 52	1 49	0n 7	2 47	1 24	1 34	17 47	1 28	17 3	0 33	17 50	1 47	23 37	0 10	22 9	1 12	5 58	17 29	2 27	2 3	7 37	15 21	2 49
M23	12 33	0s41	0 31	0 39	2 47	0 56	1 35	17 36	1 29	17 1	0 34	17 52	1 47	23 37	0 10	22 9	1 12	5 59	17 29	2 27	2 2	7 35	15 22	2 49
T 24	12 53	5 13	0n49	1 13	2 47	0 28	1 36	17 25	1 30	16 59	0 34	17 54	1 46	23 37	0 10	22 9	1 12	6 0	17 28	2 27	2 1	7 34	15 23	2 49
W25	13 12	9 24	2 5	1 48	2 46	0 0	1 37	17 13	1 32	16 57	0 34	17 56	1 46	23 37	0 10	22 9	1 12	6 0	17 28	2 27	2 0	7 32	15 24	2 49
T 26	13 32	12 58	3 12	2 25	2 44	0n28	1 38	17 2	1 33	16 55	0 34	17 58	1 46	23 37	0 10	22 9	1 12	6 0	17 28	2 26	1 58	7 30	15 25	2 49
F 27	13 51	15 42	4 6	3 2	2 42	0 55	1 39	16 50	1 35	16 54	0 34	17 59	1 46	23 37	0 10	22 9	1 12	6 1	17 28	2 24	1 57	7 28	15 26	2 49
S 28	14 10	17 29	4 45	3 40	2 39	1 23	1 39	16 39	1 36	16 52	0 35	18 1	1 46	23 37	0 10	22 9	1 12	6 1	17 28	2 22	1 56	7 27	15 27	2 49
S 29	14 29	18 16	5 6	4 20	2 36	1 51	1 40	16 27	1 37	16 50	0 35	18 3	1 46	23 37	0 10	22 9	1 12	6 2	17 28	2 20	1 55	7 25	15 28	2 49
M30	14n47	18s 4	5n12	5n 0	2s33	2n19	1s41	16s15	1s39	16s48	0s35	18n 5	1s46	23s37	0s10	22n10	1s12	6n 2	17n28	2s18	1s53	7s23	15n29	2s49

Julian Day Number = 2355211.5, Delta T = 12.37 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'29, Lahiri = 20°10'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

MAY 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 41	10♉48'56	20♋ 7	20♈24	10♈57	21♒ 9	15♒29	28♉22	27°R21	24♊30	26°R34	5°R44	4♎42	4♓50	21♉46	T 1
W 2	14 40 38	11°47'01	2♒21	22° 5	12° 9	21°51	15°35	28°30	27♐19	24°32	26♎32	5♎42	4°38	4°57	21°50	W 2
T 3	14 44 34	12°45'05	14°21	23°47	13°21	22°32	15°41	28°37	27°18	24°34	26°31	5°D41	4°35	5° 3	21°54	T 3
F 4	14 48 31	13°43'07	26°14	25°32	14°34	23°14	15°47	28°45	27°16	24°35	26°29	5°42	4°32	5°10	21°59	F 4
S 5	14 52 28	14°41'07	8♓ 3	27°19	15°46	23°55	15°52	28°53	27°15	24°37	26°27	5°44	4°29	5°17	22° 3	S 5
S 6	14 56 24	15°39'07	19°53	29° 7	16°59	24°37	15°58	29° 0	27°13	24°39	26°26	5°45	4°26	5°23	22° 8	S 6
M 7	15 0 21	16°37'04	1♈50	0♉58	18°11	25°18	16° 3	29° 8	27°12	24°41	26°24	5°R46	4°22	5°30	22°12	M 7
T 8	15 4 17	17°35'01	13°57	2°50	19°24	26° 0	16° 9	29°16	27°10	24°43	26°23	5°46	4°19	5°37	22°17	T 8
W 9	15 8 14	18°32'56	26°18	4°44	20°36	26°41	16°14	29°23	27° 8	24°44	26°21	5°44	4°16	5°43	22°21	W 9
T 10	15 12 10	19°30'50	8♉54	6°41	21°49	27°22	16°19	29°31	27° 6	24°46	26°20	5°40	4°13	5°50	22°26	T 10
F 11	15 16 7	20°28'42	21°48	8°39	23° 1	28° 4	16°23	29°39	27° 5	24°48	26°18	5°34	4°10	5°57	22°30	F 11
S 12	15 20 3	21°26'33	4♊57	10°39	24°14	28°45	16°28	29°47	27° 3	24°50	26°17	5°27	4° 7	6° 3	22°34	S 12
S 13	15 24 0	22°24'22	18°22	12°40	25°26	29°26	16°32	29°54	27° 1	24°52	26°15	5°19	4° 3	6°10	22°39	S 13
M14	15 27 57	23°22'10	2♋ 0	14°44	26°39	0♓ 7	16°36	0♊ 2	26°59	24°54	26°14	5°11	4° 0	6°17	22°43	M14
T 15	15 31 53	24°19'56	15°49	16°48	27°51	0°48	16°40	0°10	26°57	24°56	26°12	5° 5	3°57	6°23	22°48	T 15
W16	15 35 50	25°17'41	29°45	18°55	29° 4	1°29	16°44	0°18	26°55	24°58	26°11	5° 0	3°54	6°30	22°52	W16
T 17	15 39 46	26°15'24	13♌48	21° 3	0♉17	2°10	16°48	0°26	26°53	25° 0	26° 9	4°58	3°51	6°37	22°57	T 17
F 18	15 43 43	27°13'05	27°56	23°12	1°29	2°51	16°51	0°33	26°51	25° 2	26° 8	4°D57	3°48	6°43	23° 1	F 18
S 19	15 47 39	28°10'44	12♍ 6	25°22	2°42	3°32	16°55	0°41	26°49	25° 4	26° 7	4°58	3°44	6°50	23° 6	S 19
S 20	15 51 36	29° 8'22	26°17	27°33	3°54	4°13	16°58	0°49	26°47	25° 6	26° 5	4°58	3°41	6°57	23°10	S 20
M21	15 55 32	0♊ 5'59	10♎28	29°44	5° 7	4°53	17° 1	0°57	26°45	25° 8	26° 4	4°R59	3°38	7° 3	23°15	M21
T 22	15 59 29	1° 3'34	24°37	1♊56	6°20	5°34	17° 4	1° 5	26°43	25°10	26° 3	4°57	3°35	7°10	23°19	T 22
W23	16 3 26	2° 1'07	8♏40	4° 8	7°32	6°14	17° 6	1°12	26°41	25°12	26° 1	4°53	3°32	7°17	23°24	W23
T 24	16 7 22	2°58'40	22°33	6°19	8°45	6°55	17° 9	1°20	26°39	25°14	26° 0	4°47	3°28	7°23	23°28	T 24
F 25	16 11 19	3°56'11	6♐14	8°30	9°58	7°35	17°11	1°28	26°37	25°16	25°59	4°38	3°25	7°30	23°33	F 25
S 26	16 15 15	4°53'41	19°39	10°41	11°10	8°16	17°13	1°36	26°35	25°19	25°58	4°28	3°22	7°37	23°37	S 26
S 27	16 19 12	5°51'10	2♋45	12°50	12°23	8°56	17°15	1°43	26°32	25°21	25°56	4°18	3°19	7°43	23°41	S 27
M28	16 23 8	6°48'38	15°33	14°58	13°36	9°36	17°16	1°51	26°30	25°23	25°55	4° 9	3°16	7°50	23°46	M28
T 29	16 27 5	7°46'06	28° 2	17° 5	14°48	10°17	17°18	1°59	26°28	25°25	25°54	4° 1	3°13	7°57	23°50	T 29
W30	16 31 1	8°43'32	10♒15	19°10	16° 1	10°57	17°19	2° 7	26°26	25°27	25°53	3°55	3° 9	8° 3	23°55	W30
T 31	16 34 58	9♊40'58	22♒16	21♊13	17♉14	11♓37	17♒20	2♊15	26♐23	25♊29	25♎52	3♎51	3♎ 6	8♓10	23♉59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 5	16s58	5n 3	5n41	2s28	2n47	1s41	16s 3	1s40	16s47	0s35	18n 6	1s46	23s37	0s10	22n10	1s12	6n 3	17n28	2s17	1s52	7s22	15n30	2s49
W 2	15 23	15 7	4 39	6 23	2 24	3 15	1 41	15 51	1 41	16 45	0 35	18 8	1 46	23 37	0 10	22 10	1 12	6 3	17 27	2 16	1 51	7 20	15 31	2 49
T 3	15 41	12 39	4 4	7 6	2 18	3 43	1 42	15 38	1 43	16 43	0 36	18 10	1 45	23 37	0 10	22 10	1 12	6 3	17 27	2 16	1 49	7 18	15 32	2 49
F 4	15 59	9 40	3 19	7 50	2 13	4 11	1 42	15 26	1 44	16 42	0 36	18 12	1 45	23 37	0 10	22 10	1 12	6 4	17 27	2 16	1 48	7 17	15 34	2 49
S 5	16 16	6 19	2 25	8 34	2 6	4 39	1 42	15 14	1 46	16 40	0 36	18 13	1 45	23 37	0 11	22 10	1 12	6 4	17 27	2 17	1 47	7 15	15 35	2 49
S 6	16 33	2 42	1 25	9 19	2 0	5 6	1 42	15 1	1 47	16 39	0 36	18 15	1 45	23 37	0 11	22 10	1 12	6 5	17 27	2 17	1 46	7 13	15 36	2 49
M 7	16 50	1n 4	0 21	10 4	1 52	5 34	1 42	14 48	1 49	16 38	0 37	18 17	1 45	23 37	0 11	22 10	1 12	6 5	17 26	2 18	1 44	7 11	15 37	2 50
T 8	17 6	4 50	0s44	10 50	1 45	6 1	1 42	14 36	1 50	16 36	0 37	18 19	1 45	23 37	0 11	22 10	1 12	6 5	17 26	2 18	1 43	7 10	15 38	2 50
W 9	17 22	8 28	1 49	11 36	1 37	6 29	1 42	14 23	1 51	16 35	0 37	18 20	1 45	23 37	0 11	22 11	1 11	6 6	17 26	2 17	1 42	7 8	15 39	2 50
T 10	17 38	11 48	2 50	12 23	1 28	6 56	1 42	14 10	1 53	16 34	0 37	18 22	1 45	23 37	0 11	22 11	1 11	6 6	17 26	2 15	1 41	7 6	15 40	2 50
F 11	17 54	14 39	3 43	13 9	1 19	7 23	1 42	13 57	1 54	16 32	0 37	18 24	1 45	23 37	0 11	22 11	1 11	6 6	17 25	2 13	1 39	7 5	15 41	2 50
S 12	18 9	16 48	4 26	13 56	1 10	7 50	1 41	13 44	1 56	16 31	0 38	18 26	1 45	23 37	0 11	22 11	1 11	6 6	17 25	2 10	1 38	7 3	15 42	2 50
S 13	18 24	18 4	4 54	14 42	1 0	8 17	1 41	13 31	1 57	16 30	0 38	18 27	1 44	23 37	0 11	22 11	1 11	6 7	17 25	2 7	1 37	7 1	15 43	2 50
M14	18 38	18 20	5 7	15 28	0 50	8 44	1 40	13 18	1 59	16 29	0 38	18 29	1 44	23 37	0 11	22 11	1 11	6 7	17 25	2 4	1 36	6 59	15 44	2 50
T 15	18 53	17 32	5 2	16 14	0 40	9 10	1 40	13 4	2 0	16 28	0 38	18 31	1 44	23 37	0 11	22 11	1 11	6 7	17 24	2 1	1 34	6 58	15 45	2 50
W16	19 7	15 40	4 40	16 59	0 30	9 37	1 39	12 51	2 2	16 27	0 39	18 32	1 44	23 37	0 11	22 11	1 11	6 7	17 24	1 59	1 33	6 56	15 46	2 50
T 17	19 20	12 52	4 0	17 44	0 19	10 3	1 39	12 38	2 3	16 26	0 39	18 34	1 44	23 37	0 11	22 11	1 11	6 7	17 24	1 58	1 32	6 54	15 47	2 50
F 18	19 34	9 18	3 6	18 27	0 9	10 29	1 38	12 24	2 4	16 25	0 39	18 36	1 44	23 37	0 11	22 11	1 11	6 8	17 23	1 58	1 31	6 53	15 48	2 50
S 19	19 47	5 11	2 0	19 10	0n 2	10 54	1 37	12 11	2 6	16 25	0 39	18 37	1 44	23 37	0 11	22 12	1 11	6 8	17 23	1 58	1 29	6 51	15 49	2 51
S 20	20 0	0 46	0 47	19 50	0 12	11 20	1 36	11 57	2 7	16 24	0 40	18 39	1 44	23 37	0 11	22 12	1 11	6 8	17 23	1 59	1 28	6 49	15 50	2 51
M21	20 12	3s42	0n29	20 30	0 23	11 45	1 35	11 44	2 9	16 23	0 40	18 41	1 44	23 37	0 11	22 12	1 11	6 8	17 22	1 59	1 27	6 47	15 51	2 51
T 22	20 24	7 57	1 43	21 7	0 33	12 10	1 34	11 30	2 10	16 23	0 40	18 42	1 44	23 37	0 11	22 12	1 11	6 8	17 22	1 58	1 26	6 46	15 52	2 51
W23	20 36	11 43	2 50	21 42	0 43	12 35	1 33	11 16	2 12	16 22	0 40	18 44	1 44	23 37	0 11	22 12	1 11	6 8	17 22	1 57	1 24	6 44	15 53	2 51
T 24	20 47	14 47	3 46	22 15	0 53	12 59	1 32	11 3	2 13	16 22	0 41	18 46	1 44	23 36	0 11	22 12	1 11	6 8	17 21	1 54	1 23	6 42	15 54	2 51
F 25	20 58	16 58	4 28	22 46	1 2	13 23	1 31	10 49	2 15	16 21	0 41	18 47	1 44	23 36	0 11	22 12	1 11	6 9	17 21	1 51	1 22	6 40	15 55	2 51
S 26	21 8	18 11	4 54	23 15	1 11	13 47	1 29	10 35	2 16	16 21	0 41	18 49	1 44	23 36	0 11	22 12	1 11	6 9	17 21	1 47	1 20	6 39	15 56	2 51
S 27	21 19	18 22	5 4	23 40	1 19	14 11	1 28	10 21	2 18	16 20	0 41	18 51	1 44	23 36	0 11	22 12	1 11	6 9	17 20	1 43	1 19	6 37	15 57	2 52
M28	21 29	17 37	4 58	24 3	1 27	14 34	1 26	10 8	2 19	16 20	0 41	18 52	1 44	23 36	0 11	22 12	1 11	6 9	17 20	1 39	1 18	6 35	15 58	2 52
T 29	21 38	16 2	4 38	24 24	1 34	14 57	1 25	9 54	2 21	16 20	0 42	18 54	1 44	23 36	0 11	22 13	1 11	6 9	17 19	1 36	1 17	6 34	15 59	2 52
W30	21 47	13 45	4 6	24 41	1 40	15 19	1 24	9 40	2 22	16 20	0 42	18 55	1 43	23 36	0 11	22 13	1 11	6 9	17 19	1 33	1 15	6 32	16 0	2 52
T 31	21n56	10s55	3n23	24n56	1n46	15n41	1s22	9s26	2s24	16s20	0s42	18n57	1s43	23s36	0s11	22n13	1s11	6n 9	17n19	1s32	1s14	6s30	16n 1	2s52

Julian Day Number = 2355241.5, Delta T = 12.39 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'34, Lahiri = 20°10'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

JUNE 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 55	10♊38'23	4♓ 8	23♊14	18♉27	12♓17	17♒21	2♊22	26°R21	25♊31	25°R51	3°R49	3♎ 3	8♓16	24♉ 3	F 1
S 2	16 42 51	11°35'47	15°57	25°13	19°39	12°56	17°22	2°30	26♐19	25°34	25♎50	3°D49	3° 0	8°23	24° 8	S 2
S 3	16 46 48	12°33'11	27°49	27° 9	20°52	13°36	17°22	2°38	26°16	25°36	25°49	3°R50	2°57	8°30	24°12	S 3
M 4	16 50 44	13°30'34	9♈48	29° 3	22° 5	14°16	17°23	2°46	26°14	25°38	25°48	3♎50	2°53	8°36	24°16	M 4
T 5	16 54 41	14°27'57	21°59	0♋55	23°18	14°55	17°R23	2°53	26°12	25°40	25°47	3°48	2°50	8°43	24°21	T 5
W 6	16 58 37	15°25'18	4♉27	2°45	24°31	15°35	17°23	3° 1	26° 9	25°42	25°46	3°44	2°47	8°50	24°25	W 6
T 7	17 2 34	16°22'40	17°15	4°32	25°44	16°14	17°23	3° 9	26° 7	25°45	25°45	3°38	2°44	8°56	24°29	T 7
F 8	17 6 30	17°20'01	0♊25	6°17	26°57	16°53	17°22	3°16	26° 4	25°47	25°44	3°30	2°41	9° 3	24°33	F 8
S 9	17 10 27	18°17'21	13°55	7°59	28°10	17°32	17°22	3°24	26° 2	25°49	25°43	3°19	2°38	9°10	24°38	S 9
S 10	17 14 24	19°14'41	27°44	9°38	29°22	18°11	17°21	3°32	26° 0	25°51	25°42	3° 8	2°34	9°16	24°42	S 10
M11	17 18 20	20°11'59	11♋48	11°15	0♊35	18°50	17°20	3°39	25°57	25°54	25°41	2°57	2°31	9°23	24°46	M11
T 12	17 22 17	21° 9'18	26° 3	12°49	1°48	19°29	17°18	3°47	25°55	25°56	25°41	2°47	2°28	9°30	24°50	T 12
W13	17 26 13	22° 6'35	10♌21	14°21	3° 1	20° 8	17°17	3°54	25°52	25°58	25°40	2°40	2°25	9°36	24°54	W13
T 14	17 30 10	23° 3'52	24°40	15°50	4°14	20°46	17°15	4° 2	25°50	26° 0	25°39	2°35	2°22	9°43	24°59	T 14
F 15	17 34 6	24° 1'07	8♍56	17°17	5°27	21°24	17°14	4° 9	25°47	26° 2	25°38	2°33	2°19	9°50	25° 3	F 15
S 16	17 38 3	24°58'22	23° 5	18°41	6°40	22° 3	17°12	4°17	25°45	26° 5	25°38	2°32	2°15	9°56	25° 7	S 16
S 17	17 41 59	25°55'36	7♎ 8	20° 2	7°53	22°41	17°10	4°24	25°42	26° 7	25°37	2°32	2°12	10° 3	25°11	S 17
M18	17 45 56	26°52'50	21° 3	21°20	9° 6	23°19	17° 7	4°32	25°40	26° 9	25°37	2°31	2° 9	10°10	25°15	M18
T 19	17 49 53	27°50'03	4♏51	22°36	10°19	23°56	17° 5	4°39	25°38	26°11	25°36	2°29	2° 6	10°16	25°19	T 19
W20	17 53 49	28°47'15	18°30	23°48	11°32	24°34	17° 2	4°47	25°35	26°14	25°36	2°24	2° 3	10°23	25°23	W20
T 21	17 57 46	29°44'27	1♐59	24°58	12°46	25°11	16°59	4°54	25°33	26°16	25°35	2°15	1°59	10°30	25°27	T 21
F 22	18 1 42	0♋41'38	15°17	26° 5	13°59	25°49	16°56	5° 1	25°30	26°18	25°35	2° 5	1°56	10°36	25°30	F 22
S 23	18 5 39	1°38'49	28°22	27° 9	15°12	26°26	16°53	5° 8	25°28	26°20	25°34	1°53	1°53	10°43	25°34	S 23
S 24	18 9 35	2°36'00	11♑12	28°10	16°25	27° 3	16°49	5°16	25°25	26°23	25°34	1°40	1°50	10°50	25°38	S 24
M25	18 13 32	3°33'10	23°48	29° 7	17°38	27°40	16°46	5°23	25°23	26°25	25°33	1°28	1°47	10°56	25°42	M25
T 26	18 17 29	4°30'21	6♒10	0♌ 1	18°51	28°16	16°42	5°30	25°21	26°27	25°33	1°17	1°44	11° 3	25°46	T 26
W27	18 21 25	5°27'31	18°18	0°52	20° 4	28°53	16°38	5°37	25°18	26°29	25°33	1° 9	1°40	11°10	25°49	W27
T 28	18 25 22	6°24'42	0♓15	1°39	21°18	29°29	16°34	5°44	25°16	26°31	25°32	1° 3	1°37	11°16	25°53	T 28
F 29	18 29 18	7°21'52	12° 6	2°23	22°31	0♈ 5	16°30	5°51	25°13	26°34	25°32	1° 0	1°34	11°23	25°57	F 29
S 30	18 33 15	8♋19'03	23♓54	3♌ 2	23♊44	0♈41	16♒25	5♊58	25♐11	26♊36	25♎32	0♎59	1♎31	11♓30	26♉ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 4	7s39	2n31	25n 8	1n51	16n 3	1s20	9s12	2s25	16s20	0s42	18n58	1s43	23s36	0s11	22n13	1s11	6n 9	17n18	1s31	1s13	6s28	16n 2	2s52
S 2	22 12	4 6	1 34	25 18	1 55	16 25	1 19	8 58	2 27	16 20	0 43	19 0	1 43	23 36	0 11	22 13	1 11	6 9	17 18	1 31	1 12	6 27	16 3	2 52
S 3	22 20	0 23	0 32	25 25	1 58	16 46	1 17	8 44	2 28	16 20	0 43	19 1	1 43	23 36	0 11	22 13	1 11	6 9	17 17	1 31	1 10	6 25	16 4	2 52
M 4	22 27	3n24	0s32	25 29	2 1	17 6	1 15	8 30	2 30	16 20	0 43	19 3	1 43	23 36	0 11	22 13	1 11	6 8	17 17	1 31	1 9	6 23	16 4	2 53
T 5	22 34	7 6	1 35	25 31	2 3	17 26	1 13	8 16	2 31	16 20	0 43	19 4	1 43	23 36	0 11	22 13	1 11	6 8	17 16	1 31	1 8	6 21	16 5	2 53
W 6	22 40	10 35	2 35	25 31	2 4	17 46	1 12	8 2	2 33	16 20	0 44	19 6	1 43	23 36	0 11	22 13	1 11	6 8	17 16	1 29	1 7	6 20	16 6	2 53
T 7	22 46	13 40	3 29	25 28	2 5	18 5	1 10	7 48	2 34	16 21	0 44	19 7	1 43	23 36	0 11	22 13	1 11	6 8	17 15	1 27	1 5	6 18	16 7	2 53
F 8	22 52	16 8	4 13	25 23	2 4	18 24	1 8	7 34	2 36	16 21	0 44	19 9	1 43	23 36	0 11	22 13	1 11	6 8	17 15	1 23	1 4	6 16	16 8	2 53
S 9	22 57	17 47	4 45	25 17	2 3	18 43	1 6	7 20	2 37	16 21	0 44	19 10	1 43	23 36	0 11	22 14	1 11	6 8	17 14	1 19	1 3	6 14	16 9	2 53
S 10	23 2	18 27	5 0	25 8	2 1	19 0	1 4	7 6	2 39	16 22	0 45	19 12	1 43	23 36	0 11	22 14	1 11	6 8	17 14	1 15	1 1	6 13	16 10	2 54
M11	23 6	18 0	4 58	24 58	1 59	19 18	1 2	6 53	2 40	16 23	0 45	19 13	1 43	23 36	0 11	22 14	1 11	6 7	17 13	1 10	1 0	6 11	16 11	2 54
T 12	23 11	16 26	4 37	24 46	1 56	19 35	1 0	6 39	2 42	16 23	0 45	19 15	1 43	23 35	0 11	22 14	1 11	6 7	17 13	1 7	0 59	6 9	16 11	2 54
W13	23 14	13 50	3 59	24 33	1 52	19 51	0 57	6 25	2 43	16 24	0 45	19 16	1 43	23 35	0 11	22 14	1 11	6 7	17 12	1 4	0 58	6 8	16 12	2 54
T 14	23 17	10 23	3 6	24 18	1 47	20 7	0 55	6 11	2 45	16 25	0 46	19 18	1 43	23 35	0 11	22 14	1 11	6 7	17 12	1 2	0 56	6 6	16 13	2 54
F 15	23 20	6 21	2 2	24 2	1 42	20 22	0 53	5 57	2 46	16 25	0 46	19 19	1 43	23 35	0 11	22 14	1 11	6 7	17 11	1 1	0 55	6 4	16 14	2 54
S 16	23 23	1 59	0 50	23 45	1 36	20 37	0 51	5 43	2 48	16 26	0 46	19 20	1 43	23 35	0 11	22 14	1 11	6 6	17 11	1 1	0 54	6 2	16 15	2 55
S 17	23 24	2s28	0n24	23 27	1 29	20 51	0 49	5 30	2 49	16 27	0 46	19 22	1 43	23 35	0 11	22 14	1 11	6 6	17 10	1 1	0 53	6 1	16 15	2 55
M18	23 26	6 44	1 36	23 8	1 22	21 5	0 46	5 16	2 51	16 28	0 47	19 23	1 43	23 35	0 11	22 14	1 11	6 6	17 10	1 0	0 51	5 59	16 16	2 55
T 19	23 27	10 37	2 42	22 48	1 14	21 18	0 44	5 2	2 52	16 29	0 47	19 24	1 43	23 35	0 11	22 14	1 11	6 5	17 9	0 59	0 50	5 57	16 17	2 55
W20	23 28	13 52	3 38	22 27	1 6	21 31	0 42	4 49	2 53	16 30	0 47	19 26	1 43	23 35	0 11	22 14	1 11	6 5	17 9	0 57	0 49	5 55	16 18	2 55
T 21	23 28	16 20	4 20	22 6	0 57	21 42	0 39	4 35	2 55	16 31	0 47	19 27	1 43	23 35	0 11	22 14	1 11	6 5	17 8	0 54	0 48	5 54	16 18	2 56
F 22	23 28	17 53	4 48	21 44	0 47	21 54	0 37	4 22	2 56	16 32	0 48	19 28	1 43	23 35	0 11	22 15	1 11	6 4	17 8	0 50	0 46	5 52	16 19	2 56
S 23	23 28	18 28	5 0	21 22	0 37	22 5	0 35	4 8	2 58	16 34	0 48	19 30	1 43	23 35	0 11	22 15	1 11	6 4	17 7	0 45	0 45	5 50	16 20	2 56
S 24	23 27	18 5	4 56	20 59	0 27	22 15	0 32	3 55	2 59	16 35	0 48	19 31	1 43	23 35	0 11	22 15	1 11	6 4	17 7	0 40	0 44	5 48	16 20	2 56
M25	23 25	16 48	4 38	20 37	0 15	22 24	0 30	3 42	3 1	16 36	0 48	19 32	1 43	23 35	0 11	22 15	1 11	6 3	17 6	0 35	0 43	5 47	16 21	2 56
T 26	23 24	14 46	4 7	20 14	0 4	22 33	0 27	3 28	3 2	16 38	0 49	19 33	1 43	23 34	0 11	22 15	1 11	6 3	17 5	0 31	0 41	5 45	16 22	2 57
W27	23 21	12 6	3 26	19 51	0s 9	22 41	0 25	3 15	3 4	16 39	0 49	19 35	1 43	23 34	0 11	22 15	1 11	6 3	17 5	0 27	0 40	5 43	16 23	2 57
T 28	23 19	8 58	2 35	19 28	0 21	22 49	0 22	3 2	3 5	16 40	0 49	19 36	1 43	23 34	0 11	22 15	1 11	6 2	17 4	0 25	0 39	5 41	16 23	2 57
F 29	23 16	5 31	1 38	19 6	0 34	22 56	0 20	2 49	3 7	16 42	0 49	19 37	1 43	23 34	0 11	22 15	1 11	6 2	17 4	0 24	0 37	5 40	16 24	2 57
S 30	23n13	1s51	0n38	18n44	0s48	23n 2	0s17	2s36	3s 8	16s43	0s50	19n38	1s43	23s34	0s11	22n15	1s11	6n 1	17n 3	0s24	0s36	5s38	16n24	2s57

Julian Day Number = 2355272.5, Delta T = 12.41 sec
Ecliptic obliquity = 23°28'15, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'38, Lahiri = 20°10'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

JULY 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 11	9♋16'14	5♈45	3♌38	24♊57	1♈17	16°R21	6♊ 5	25°R 9	26♊38	25°R32	0°R59	1♎28	11♓36	26♉ 4	S 1
M 2	18 41 8	10°13'25	17°44	4°10	26°11	1°52	16♒16	6°12	25♐ 6	26°40	25♎32	0♎59	1°25	11°43	26° 8	M 2
T 3	18 45 4	11°10'37	29°56	4°38	27°24	2°28	16°11	6°19	25° 4	26°42	25°32	0°58	1°21	11°49	26°11	T 3
W 4	18 49 1	12° 7'49	12♉27	5° 1	28°37	3° 3	16° 6	6°26	25° 2	26°45	25°32	0°55	1°18	11°56	26°15	W 4
T 5	18 52 57	13° 5'02	25°20	5°20	29°51	3°38	16° 0	6°33	24°59	26°47	25°31	0°49	1°15	12° 3	26°18	T 5
F 6	18 56 54	14° 2'14	8♊38	5°35	1♋ 4	4°12	15°55	6°40	24°57	26°49	25°D31	0°41	1°12	12° 9	26°22	F 6
S 7	19 0 51	14°59'28	22°22	5°44	2°18	4°47	15°49	6°47	24°55	26°51	25°32	0°31	1° 9	12°16	26°25	S 7
S 8	19 4 47	15°56'41	6♋29	5°50	3°31	5°21	15°44	6°53	24°53	26°53	25°32	0°20	1° 5	12°23	26°28	S 8
M 9	19 8 44	16°53'55	20°55	5°R50	4°44	5°55	15°38	7° 0	24°51	26°55	25°32	0°10	1° 2	12°29	26°31	M 9
T 10	19 12 40	17°51'09	5♌34	5°45	5°58	6°28	15°32	7° 6	24°48	26°57	25°32	0° 0	0°59	12°36	26°35	T 10
W11	19 16 37	18°48'24	20°17	5°36	7°11	7° 1	15°26	7°13	24°46	27° 0	25°32	29♍53	0°56	12°43	26°38	W11
T 12	19 20 33	19°45'38	4♍58	5°22	8°25	7°34	15°20	7°19	24°44	27° 2	25°32	29°49	0°53	12°49	26°41	T 12
F 13	19 24 30	20°42'53	19°30	5° 4	9°38	8° 7	15°13	7°26	24°42	27° 4	25°32	29°47	0°50	12°56	26°44	F 13
S 14	19 28 27	21°40'08	3♎50	4°41	10°52	8°40	15° 7	7°32	24°40	27° 6	25°33	29°D46	0°46	13° 3	26°47	S 14
S 15	19 32 23	22°37'23	17°55	4°14	12° 6	9°12	15° 0	7°39	24°38	27° 8	25°33	29°R47	0°43	13° 9	26°50	S 15
M16	19 36 20	23°34'38	1♏46	3°43	13°19	9°44	14°54	7°45	24°36	27°10	25°33	29°46	0°40	13°16	26°53	M16
T 17	19 40 16	24°31'53	15°22	3° 8	14°33	10°15	14°47	7°51	24°34	27°12	25°34	29°45	0°37	13°23	26°56	T 17
W18	19 44 13	25°29'09	28°44	2°31	15°46	10°47	14°40	7°57	24°32	27°14	25°34	29°41	0°34	13°29	26°59	W18
T 19	19 48 9	26°26'25	11♐54	1°51	17° 0	11°18	14°33	8° 3	24°30	27°16	25°35	29°34	0°31	13°36	27° 2	T 19
F 20	19 52 6	27°23'41	24°50	1°10	18°14	11°48	14°26	8° 9	24°28	27°18	25°35	29°25	0°27	13°43	27° 5	F 20
S 21	19 56 2	28°20'58	7♑35	0°27	19°27	12°19	14°19	8°15	24°26	27°20	25°36	29°15	0°24	13°49	27° 7	S 21
S 22	19 59 59	29°18'15	20° 8	29♋44	20°41	12°49	14°11	8°21	24°24	27°22	25°36	29° 5	0°21	13°56	27°10	S 22
M23	20 3 56	0♌15'33	2♒29	29° 1	21°55	13°18	14° 4	8°27	24°22	27°24	25°37	28°54	0°18	14° 3	27°13	M23
T 24	20 7 52	1°12'52	14°39	28°20	23° 9	13°48	13°57	8°33	24°20	27°26	25°37	28°46	0°15	14° 9	27°15	T 24
W25	20 11 49	2°10'12	26°40	27°41	24°22	14°17	13°49	8°38	24°19	27°28	25°38	28°39	0°11	14°16	27°18	W25
T 26	20 15 45	3° 7'32	8♓33	27° 4	25°36	14°45	13°42	8°44	24°17	27°30	25°39	28°34	0° 8	14°22	27°20	T 26
F 27	20 19 42	4° 4'53	20°21	26°31	26°50	15°13	13°34	8°50	24°15	27°32	25°39	28°32	0° 5	14°29	27°23	F 27
S 28	20 23 38	5° 2'16	2♈ 8	26° 1	28° 4	15°41	13°27	8°55	24°14	27°33	25°40	28°D32	0° 2	14°36	27°25	S 28
S 29	20 27 35	5°59'39	13°58	25°37	29°18	16° 8	13°19	9° 0	24°12	27°35	25°41	28°33	29♍59	14°42	27°27	S 29
M30	20 31 31	6°57'04	25°56	25°17	0♌32	16°35	13°11	9° 6	24°10	27°37	25°42	28°34	29°56	14°49	27°29	M30
T 31	20 35 28	7♌54'30	8♉ 7	25♋ 4	1♌46	17♈ 2	13♒ 3	9♊11	24♐ 9	27♊39	25♎43	28°R34	29♍52	14♓56	27♉32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	1n54	0s25	18n22	1s 2	23n 8	0s15	2s23	3s 9	16s45	0s50	19n39	1s43	23s34	0s11	22n15	1s11	6n 1	17n 3	0s24	0s35	5s36	16n25	2s58
M 2	23 5	5 37	1 28	18 1	1 16	23 12	0 13	2 10	3 11	16 47	0 50	19 40	1 43	23 34	0 11	22 15	1 11	6 0	17 2	0 24	0 34	5 34	16 26	2 58
T 3	23 0	9 10	2 27	17 40	1 30	23 17	0 10	1 58	3 12	16 48	0 50	19 42	1 44	23 34	0 11	22 15	1 11	6 0	17 2	0 23	0 32	5 33	16 26	2 58
W 4	22 55	12 24	3 21	17 20	1 45	23 20	0 8	1 45	3 14	16 50	0 51	19 43	1 44	23 34	0 11	22 15	1 11	5 59	17 1	0 22	0 31	5 31	16 27	2 58
T 5	22 50	15 8	4 7	17 2	2 0	23 23	0 5	1 33	3 15	16 52	0 51	19 44	1 44	23 34	0 11	22 15	1 11	5 59	17 0	0 20	0 30	5 29	16 27	2 59
F 6	22 44	17 9	4 40	16 44	2 14	23 25	0 3	1 20	3 17	16 54	0 51	19 45	1 44	23 34	0 11	22 15	1 11	5 58	17 0	0 16	0 29	5 27	16 28	2 59
S 7	22 38	18 17	4 59	16 27	2 29	23 27	0 0	1 8	3 18	16 56	0 51	19 46	1 44	23 34	0 11	22 15	1 11	5 58	16 59	0 12	0 27	5 25	16 28	2 59
S 8	22 31	18 19	5 0	16 11	2 44	23 28	0n 2	0 56	3 19	16 58	0 51	19 47	1 44	23 34	0 11	22 15	1 11	5 57	16 59	0 8	0 26	5 24	16 29	2 59
M 9	22 24	17 11	4 43	15 57	2 59	23 28	0 5	0 43	3 21	17 0	0 52	19 48	1 44	23 33	0 11	22 15	1 11	5 56	16 58	0 4	0 25	5 22	16 30	3 0
T 10	22 17	14 55	4 6	15 44	3 13	23 27	0 7	0 31	3 22	17 2	0 52	19 49	1 44	23 33	0 11	22 15	1 11	5 56	16 57	0 0	0 24	5 20	16 30	3 0
W11	22 9	11 41	3 14	15 33	3 27	23 26	0 10	0 19	3 24	17 4	0 52	19 50	1 44	23 33	0 11	22 16	1 11	5 55	16 57	0n 3	0 22	5 18	16 31	3 0
T 12	22 1	7 43	2 8	15 23	3 40	23 24	0 12	0 8	3 25	17 6	0 52	19 51	1 44	23 33	0 11	22 16	1 11	5 55	16 56	0 5	0 21	5 17	16 31	3 0
F 13	21 52	3 20	0 54	15 15	3 53	23 22	0 14	0n 4	3 26	17 8	0 52	19 52	1 44	23 33	0 11	22 16	1 11	5 54	16 56	0 5	0 20	5 15	16 31	3 0
S 14	21 43	1s12	0n22	15 9	4 5	23 18	0 17	0 15	3 28	17 10	0 53	19 53	1 44	23 33	0 11	22 16	1 11	5 53	16 55	0 5	0 18	5 13	16 32	3 1
S 15	21 34	5 34	1 35	15 4	4 16	23 14	0 19	0 27	3 29	17 12	0 53	19 54	1 44	23 33	0 11	22 16	1 11	5 53	16 55	0 5	0 17	5 11	16 32	3 1
M16	21 25	9 34	2 42	15 2	4 26	23 10	0 22	0 38	3 30	17 14	0 53	19 55	1 44	23 33	0 11	22 16	1 11	5 52	16 54	0 5	0 16	5 10	16 33	3 1
T 17	21 15	12 59	3 38	15 1	4 35	23 4	0 24	0 49	3 32	17 16	0 53	19 56	1 44	23 33	0 11	22 16	1 11	5 51	16 53	0 6	0 15	5 8	16 33	3 2
W18	21 4	15 39	4 21	15 2	4 43	22 58	0 26	1 0	3 33	17 18	0 53	19 57	1 44	23 33	0 11	22 16	1 11	5 51	16 53	0 8	0 13	5 6	16 34	3 2
T 19	20 54	17 27	4 50	15 5	4 49	22 52	0 28	1 11	3 34	17 21	0 54	19 58	1 44	23 33	0 11	22 16	1 11	5 50	16 52	0 10	0 12	5 4	16 34	3 2
F 20	20 43	18 19	5 3	15 10	4 53	22 44	0 31	1 22	3 36	17 23	0 54	19 59	1 44	23 33	0 11	22 16	1 11	5 49	16 52	0 14	0 11	5 3	16 34	3 2
S 21	20 31	18 15	5 1	15 16	4 56	22 36	0 33	1 33	3 37	17 25	0 54	19 59	1 45	23 33	0 11	22 16	1 11	5 49	16 51	0 18	0 10	5 1	16 35	3 3
S 22	20 19	17 17	4 44	15 24	4 57	22 27	0 35	1 43	3 38	17 27	0 54	20 0	1 45	23 32	0 11	22 16	1 11	5 48	16 50	0 22	0 8	4 59	16 35	3 3
M23	20 7	15 30	4 14	15 33	4 56	22 18	0 37	1 53	3 39	17 30	0 54	20 1	1 45	23 32	0 11	22 16	1 11	5 47	16 50	0 26	0 7	4 57	16 35	3 3
T 24	19 55	13 4	3 33	15 44	4 53	22 8	0 39	2 4	3 41	17 32	0 55	20 2	1 45	23 32	0 11	22 16	1 11	5 46	16 49	0 30	0 6	4 55	16 36	3 3
W25	19 42	10 6	2 42	15 56	4 49	21 57	0 42	2 14	3 42	17 34	0 55	20 3	1 45	23 32	0 11	22 16	1 11	5 46	16 49	0 32	0 5	4 54	16 36	3 4
T 26	19 29	6 45	1 45	16 9	4 43	21 46	0 44	2 23	3 43	17 37	0 55	20 4	1 45	23 32	0 11	22 16	1 11	5 45	16 48	0 34	0 3	4 52	16 36	3 4
F 27	19 16	3 9	0 44	16 22	4 35	21 34	0 46	2 33	3 44	17 39	0 55	20 4	1 45	23 32	0 11	22 16	1 11	5 44	16 48	0 35	0 2	4 50	16 37	3 4
S 28	19 2	0n33	0s19	16 37	4 26	21 21	0 48	2 43	3 45	17 41	0 55	20 5	1 45	23 32	0 11	22 16	1 11	5 43	16 47	0 35	0 1	4 48	16 37	3 5
S 29	18 48	4 15	1 22	16 51	4 16	21 8	0 50	2 52	3 47	17 44	0 55	20 6	1 45	23 32	0 11	22 16	1 11	5 42	16 46	0 35	0n 0	4 47	16 37	3 5
M30	18 34	7 49	2 22	17 6	4 4	20 54	0 51	3 1	3 48	17 46	0 56	20 7	1 45	23 32	0 11	22 16	1 11	5 42	16 46	0 34	0 2	4 45	16 37	3 5
T 31	18n19	11n 7	3s17	17n22	3s51	20n40	0n53	3n10	3s49	17s48	0s56	20n 7	1s45	23s32	0s11	22n16	1s11	5n41	16n45	0n34	0n 3	4s43	16n37	3s 5

Julian Day Number = 2355302.5, Delta T = 12.42 sec
Ecliptic obliquity = 23°28'15, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'42, Lahiri = 20°10'42Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

AUGUST 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 39 25	8♌51'57	20♉36	24°R56	2♌59	17♈28	12°R56	9♊16	24°R 7	27♊41	25♎43	28°R34	29♍49	15♓ 2	27♉34	W 1
T 2	20 43 21	9°49'26	3♊29	24°D54	4°13	17°53	12♒48	9°22	24♐ 6	27°42	25°44	28♍31	29°46	15° 9	27°36	T 2
F 3	20 47 18	10°46'55	16°47	24♋59	5°27	18°19	12°40	9°27	24° 4	27°44	25°45	28°27	29°43	15°16	27°38	F 3
S 4	20 51 14	11°44'27	0♋33	25°11	6°41	18°43	12°32	9°32	24° 3	27°46	25°46	28°21	29°40	15°22	27°40	S 4
S 5	20 55 11	12°41'59	14°47	25°30	7°55	19° 7	12°24	9°36	24° 2	27°48	25°47	28°14	29°37	15°29	27°42	S 5
M 6	20 59 7	13°39'33	29°24	25°55	9°10	19°31	12°17	9°41	24° 0	27°49	25°48	28° 7	29°33	15°36	27°44	M 6
T 7	21 3 4	14°37'07	14♌18	26°27	10°24	19°54	12° 9	9°46	23°59	27°51	25°49	28° 1	29°30	15°42	27°45	T 7
W 8	21 7 0	15°34'43	29°20	27° 6	11°38	20°17	12° 1	9°51	23°58	27°53	25°50	27°56	29°27	15°49	27°47	W 8
T 9	21 10 57	16°32'20	14♍21	27°52	12°52	20°39	11°53	9°55	23°57	27°54	25°52	27°54	29°24	15°56	27°49	T 9
F 10	21 14 54	17°29'58	29°14	28°45	14° 6	21° 1	11°45	10° 0	23°56	27°56	25°53	27°D53	29°21	16° 2	27°50	F 10
S 11	21 18 50	18°27'37	13♎50	29°44	15°20	21°21	11°38	10° 4	23°54	27°57	25°54	27°54	29°17	16° 9	27°52	S 11
S 12	21 22 47	19°25'18	28° 8	0♌49	16°34	21°42	11°30	10° 9	23°53	27°59	25°55	27°55	29°14	16°16	27°53	S 12
M13	21 26 43	20°22'59	12♏ 4	2° 0	17°48	22° 2	11°22	10°13	23°52	28° 1	25°56	27°56	29°11	16°22	27°55	M13
T 14	21 30 40	21°20'41	25°39	3°17	19° 3	22°21	11°15	10°17	23°51	28° 2	25°58	27°R57	29° 8	16°29	27°56	T 14
W15	21 34 36	22°18'24	8♐55	4°40	20°17	22°40	11° 7	10°21	23°51	28° 4	25°59	27°55	29° 5	16°35	27°58	W15
T 16	21 38 33	23°16'08	21°52	6° 8	21°31	22°58	11° 0	10°25	23°50	28° 5	26° 0	27°53	29° 2	16°42	27°59	T 16
F 17	21 42 29	24°13'54	4♑34	7°40	22°45	23°15	10°52	10°29	23°49	28° 6	26° 2	27°48	28°58	16°49	28° 0	F 17
S 18	21 46 26	25°11'41	17° 3	9°17	24° 0	23°32	10°45	10°33	23°48	28° 8	26° 3	27°43	28°55	16°55	28° 1	S 18
S 19	21 50 22	26° 9'29	29°20	10°58	25°14	23°48	10°37	10°37	23°47	28° 9	26° 5	27°38	28°52	17° 2	28° 2	S 19
M20	21 54 19	27° 7'18	11♒28	12°42	26°28	24° 3	10°30	10°40	23°47	28°11	26° 6	27°32	28°49	17° 9	28° 3	M20
T 21	21 58 16	28° 5'09	23°27	14°30	27°43	24°18	10°23	10°44	23°46	28°12	26° 8	27°28	28°46	17°15	28° 4	T 21
W22	22 2 12	29° 3'01	5♓21	16°20	28°57	24°32	10°16	10°47	23°46	28°13	26° 9	27°25	28°43	17°22	28° 5	W22
T 23	22 6 9	0♍ 0'55	17°10	18°12	0♍11	24°46	10° 9	10°51	23°45	28°14	26°11	27°23	28°39	17°29	28° 6	T 23
F 24	22 10 5	0°58'50	28°57	20° 6	1°26	24°58	10° 2	10°54	23°45	28°16	26°12	27°D23	28°36	17°35	28° 6	F 24
S 25	22 14 2	1°56'47	10♈45	22° 2	2°40	25°10	9°55	10°57	23°44	28°17	26°14	27°23	28°33	17°42	28° 7	S 25
S 26	22 17 58	2°54'46	22°37	23°58	3°54	25°21	9°49	11° 0	23°44	28°18	26°15	27°25	28°30	17°49	28° 8	S 26
M27	22 21 55	3°52'46	4♉36	25°56	5° 9	25°32	9°42	11° 3	23°43	28°19	26°17	27°26	28°27	17°55	28° 8	M27
T 28	22 25 51	4°50'49	16°48	27°53	6°23	25°41	9°36	11° 6	23°43	28°20	26°19	27°28	28°23	18° 2	28° 8	T 28
W29	22 29 48	5°48'53	29°16	29°51	7°38	25°50	9°30	11° 9	23°43	28°21	26°20	27°29	28°20	18° 9	28° 9	W29
T 30	22 33 45	6°47'00	12♊ 5	1♍48	8°52	25°58	9°23	11°11	23°43	28°22	26°22	27°R29	28°17	18°15	28° 9	T 30
F 31	22 37 41	7♍45'08	25♊18	3♍46	10♍ 7	26♈ 5	9♒17	11♊14	23♐43	28♊24	26♎24	27♍28	28♍14	18♓22	28♉ 9	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 4	14n 0	4s 4	17n37	3s37	20n25	0n55	3n19	3s50	17s51	0s56	20n 8	1s45	23s32	0s11	22n16	1s11	5n40	16n45	0n34	0n 4	4s41	16n38	3s 6
T 2	17 49	16 18	4 40	17 51	3 23	20 9	0 57	3 28	3 51	17 53	0 56	20 9	1 46	23 32	0 11	22 16	1 11	5 39	16 44	0 35	0 6	4 39	16 38	3 6
F 3	17 33	17 48	5 3	18 5	3 7	19 53	0 59	3 36	3 52	17 56	0 56	20 9	1 46	23 32	0 11	22 16	1 11	5 38	16 44	0 37	0 7	4 38	16 38	3 6
S 4	17 17	18 20	5 9	18 19	2 51	19 36	1 0	3 45	3 53	17 58	0 56	20 10	1 46	23 32	0 11	22 16	1 11	5 37	16 43	0 40	0 8	4 36	16 38	3 7
S 5	17 1	17 45	4 56	18 32	2 35	19 18	1 2	3 53	3 54	18 0	0 56	20 11	1 46	23 31	0 11	22 16	1 11	5 37	16 42	0 42	0 9	4 34	16 38	3 7
M 6	16 45	15 59	4 24	18 43	2 19	19 1	1 4	4 1	3 56	18 3	0 56	20 11	1 46	23 31	0 11	22 16	1 11	5 36	16 42	0 45	0 11	4 32	16 38	3 7
T 7	16 28	13 9	3 34	18 54	2 2	18 42	1 5	4 8	3 57	18 5	0 57	20 12	1 46	23 31	0 11	22 16	1 11	5 35	16 41	0 47	0 12	4 31	16 38	3 7
W 8	16 11	9 24	2 29	19 3	1 45	18 23	1 7	4 16	3 58	18 7	0 57	20 12	1 46	23 31	0 11	22 16	1 11	5 34	16 41	0 49	0 13	4 29	16 39	3 8
T 9	15 54	5 3	1 13	19 10	1 29	18 4	1 8	4 23	3 58	18 9	0 57	20 13	1 46	23 31	0 11	22 16	1 11	5 33	16 40	0 50	0 14	4 27	16 39	3 8
F 10	15 37	0 25	0n 7	19 15	1 12	17 44	1 9	4 31	3 59	18 12	0 57	20 13	1 46	23 31	0 11	22 16	1 11	5 32	16 40	0 50	0 16	4 25	16 39	3 8
S 11	15 19	4s 9	1 26	19 19	0 56	17 23	1 11	4 37	4 0	18 14	0 57	20 14	1 46	23 31	0 11	22 16	1 11	5 31	16 39	0 50	0 17	4 23	16 39	3 9
S 12	15 1	8 22	2 37	19 20	0 41	17 2	1 12	4 44	4 1	18 16	0 57	20 15	1 47	23 31	0 11	22 16	1 11	5 30	16 39	0 50	0 18	4 22	16 39	3 9
M13	14 43	12 1	3 38	19 19	0 26	16 41	1 13	4 51	4 2	18 18	0 57	20 15	1 47	23 31	0 11	22 16	1 11	5 29	16 38	0 49	0 19	4 20	16 39	3 9
T 14	14 24	14 55	4 24	19 16	0 11	16 19	1 14	4 57	4 3	18 21	0 57	20 16	1 47	23 31	0 11	22 16	1 11	5 28	16 38	0 49	0 21	4 18	16 39	3 10
W15	14 6	16 57	4 55	19 10	0n 3	15 56	1 15	5 3	4 4	18 23	0 57	20 16	1 47	23 31	0 11	22 16	1 11	5 28	16 37	0 50	0 22	4 16	16 39	3 10
T 16	13 47	18 3	5 10	19 1	0 16	15 33	1 17	5 9	4 5	18 25	0 57	20 16	1 47	23 31	0 11	22 16	1 11	5 27	16 37	0 51	0 23	4 15	16 39	3 10
F 17	13 28	18 14	5 10	18 50	0 28	15 10	1 17	5 15	4 5	18 27	0 57	20 17	1 47	23 31	0 11	22 16	1 11	5 26	16 36	0 52	0 25	4 13	16 39	3 10
S 18	13 8	17 31	4 55	18 36	0 40	14 46	1 18	5 20	4 6	18 29	0 58	20 17	1 47	23 31	0 11	22 16	1 11	5 25	16 36	0 54	0 26	4 11	16 39	3 11
S 19	12 49	15 59	4 26	18 19	0 50	14 22	1 19	5 26	4 7	18 31	0 58	20 18	1 47	23 31	0 11	22 16	1 11	5 24	16 35	0 57	0 27	4 9	16 39	3 11
M20	12 29	13 45	3 46	17 59	1 0	13 58	1 20	5 31	4 7	18 33	0 58	20 18	1 48	23 31	0 11	22 16	1 11	5 23	16 35	0 59	0 28	4 7	16 38	3 11
T 21	12 9	10 57	2 56	17 36	1 9	13 33	1 21	5 35	4 8	18 35	0 58	20 18	1 48	23 31	0 11	22 16	1 11	5 22	16 34	1 1	0 30	4 6	16 38	3 12
W22	11 49	7 44	1 58	17 11	1 17	13 8	1 22	5 40	4 8	18 37	0 58	20 19	1 48	23 31	0 11	22 16	1 11	5 21	16 34	1 2	0 31	4 4	16 38	3 12
T 23	11 29	4 13	0 56	16 43	1 24	12 42	1 22	5 44	4 9	18 39	0 58	20 19	1 48	23 31	0 11	22 16	1 11	5 20	16 33	1 3	0 32	4 2	16 38	3 12
F 24	11 8	0 33	0s 9	16 13	1 30	12 16	1 23	5 48	4 9	18 41	0 58	20 20	1 48	23 31	0 11	22 16	1 11	5 19	16 33	1 3	0 33	4 0	16 38	3 13
S 25	10 48	3n 8	1 13	15 41	1 35	11 50	1 23	5 52	4 10	18 43	0 58	20 20	1 48	23 31	0 11	22 16	1 11	5 18	16 32	1 2	0 35	3 58	16 38	3 13
S 26	10 27	6 43	2 15	15 6	1 39	11 23	1 24	5 56	4 10	18 45	0 58	20 20	1 48	23 31	0 11	22 16	1 12	5 17	16 32	1 2	0 36	3 57	16 38	3 13
M27	10 6	10 4	3 11	14 30	1 42	10 56	1 24	6 0	4 11	18 46	0 58	20 20	1 48	23 31	0 11	22 16	1 12	5 16	16 31	1 1	0 37	3 55	16 37	3 14
T 28	9 45	13 2	4 0	13 51	1 44	10 29	1 24	6 3	4 11	18 48	0 58	20 21	1 49	23 31	0 11	22 16	1 12	5 15	16 31	1 1	0 38	3 53	16 37	3 14
W29	9 23	15 29	4 39	13 12	1 46	10 2	1 25	6 6	4 11	18 50	0 58	20 21	1 49	23 31	0 11	22 16	1 12	5 14	16 30	1 0	0 40	3 51	16 37	3 14
T 30	9 2	17 14	5 5	12 31	1 47	9 34	1 25	6 8	4 11	18 52	0 58	20 21	1 49	23 31	0 11	22 16	1 12	5 13	16 30	1 0	0 41	3 49	16 37	3 15
F 31	8n40	18n 7	5s16	11n48	1n47	9n 6	1n25	6n11	4s11	18s53	0s58	20n21	1s49	23s31	0s11	22n16	1s12	5n12	16n30	1n 1	0n42	3s48	16n36	3s15

Julian Day Number = 2355333.5, Delta T = 12.44 sec
Ecliptic obliquity = 23°28'15, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'46, Lahiri = 20°10'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

SEPTEMBER 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 38	8♍43'19	8♋58	5♍42	11♍21	26♈12	9°R12	11♊16	23°R43	28♊25	26♎26	27°R26	28♍11	18♓28	28♉10	S 1
S 2	22 45 34	9°41'31	23° 6	7°38	12°36	26°17	9♒ 6	11°19	23°D43	28°26	26°27	27♍24	28° 8	18°35	28°10	S 2
M 3	22 49 31	10°39'46	7♌39	9°33	13°50	26°22	9° 0	11°21	23♐43	28°26	26°29	27°22	28° 4	18°42	28°R10	M 3
T 4	22 53 27	11°38'02	22°34	11°28	15° 5	26°26	8°55	11°23	23°43	28°27	26°31	27°20	28° 1	18°48	28°10	T 4
W 5	22 57 24	12°36'20	7♍41	13°21	16°19	26°29	8°49	11°25	23°43	28°28	26°33	27°19	27°58	18°55	28°10	W 5
T 6	23 1 20	13°34'40	22°53	15°14	17°34	26°31	8°44	11°27	23°43	28°29	26°35	27°D18	27°55	19° 2	28°10	T 6
F 7	23 5 17	14°33'02	8♎ 0	17° 5	18°48	26°32	8°39	11°29	23°43	28°30	26°37	27°18	27°52	19° 8	28° 9	F 7
S 8	23 9 14	15°31'26	22°53	18°56	20° 3	26°R32	8°34	11°31	23°43	28°31	26°39	27°19	27°48	19°15	28° 9	S 8
S 9	23 13 10	16°29'51	7♏26	20°45	21°18	26°32	8°30	11°33	23°44	28°31	26°41	27°20	27°45	19°22	28° 9	S 9
M10	23 17 7	17°28'18	21°34	22°33	22°32	26°30	8°25	11°34	23°44	28°32	26°43	27°21	27°42	19°28	28° 8	M10
T 11	23 21 3	18°26'46	5♐17	24°21	23°47	26°28	8°21	11°36	23°45	28°33	26°45	27°21	27°39	19°35	28° 8	T 11
W12	23 25 0	19°25'16	18°34	26° 7	25° 1	26°25	8°17	11°37	23°45	28°34	26°47	27°R21	27°36	19°42	28° 7	W12
T 13	23 28 56	20°23'48	1♑29	27°52	26°16	26°21	8°13	11°38	23°46	28°34	26°49	27°21	27°33	19°48	28° 7	T 13
F 14	23 32 53	21°22'22	14° 4	29°36	27°31	26°16	8° 9	11°39	23°46	28°35	26°51	27°21	27°29	19°55	28° 6	F 14
S 15	23 36 49	22°20'57	26°24	1♎19	28°45	26°10	8° 5	11°40	23°47	28°35	26°53	27°20	27°26	20° 1	28° 5	S 15
S 16	23 40 46	23°19'33	8♒31	3° 1	0♎ 0	26° 4	8° 2	11°41	23°48	28°36	26°55	27°20	27°23	20° 8	28° 4	S 16
M17	23 44 43	24°18'12	20°29	4°41	1°15	25°56	7°58	11°42	23°48	28°36	26°57	27°19	27°20	20°15	28° 3	M17
T 18	23 48 39	25°16'52	2♓21	6°21	2°29	25°48	7°55	11°42	23°49	28°37	26°59	27°19	27°17	20°21	28° 3	T 18
W19	23 52 36	26°15'34	14° 9	8° 0	3°44	25°39	7°53	11°43	23°50	28°37	27° 1	27°19	27°14	20°28	28° 2	W19
T 20	23 56 32	27°14'18	25°57	9°38	4°59	25°29	7°50	11°44	23°51	28°38	27° 3	27°19	27°10	20°35	28° 0	T 20
F 21	0 0 29	28°13'04	7♈46	11°15	6°13	25°18	7°47	11°44	23°52	28°38	27° 6	27°19	27° 7	20°41	27°59	F 21
S 22	0 4 25	29°11'52	19°39	12°51	7°28	25° 7	7°45	11°44	23°53	28°38	27° 8	27°19	27° 4	20°48	27°58	S 22
S 23	0 8 22	0♎10'43	1♉38	14°26	8°43	24°54	7°43	11°44	23°54	28°39	27°10	27°18	27° 1	20°55	27°57	S 23
M24	0 12 18	1° 9'35	13°45	16° 1	9°57	24°41	7°41	11°R44	23°55	28°39	27°12	27°18	26°58	21° 1	27°55	M24
T 25	0 16 15	2° 8'30	26° 3	17°34	11°12	24°28	7°39	11°44	23°56	28°39	27°14	27°17	26°54	21° 8	27°54	T 25
W26	0 20 11	3° 7'27	8♊35	19° 6	12°27	24°13	7°38	11°44	23°57	28°39	27°17	27°17	26°51	21°15	27°53	W26
T 27	0 24 8	4° 6'26	21°24	20°38	13°42	23°58	7°36	11°44	23°58	28°40	27°19	27°16	26°48	21°21	27°51	T 27
F 28	0 28 5	5° 5'27	4♋33	22° 9	14°56	23°43	7°35	11°43	24° 0	28°40	27°21	27°D16	26°45	21°28	27°50	F 28
S 29	0 32 1	6° 4'31	18° 4	23°39	16°11	23°27	7°34	11°43	24° 1	28°40	27°23	27°16	26°42	21°35	27°48	S 29
S 30	0 35 58	7♎ 3'38	2♌ 0	25♎ 8	17♎26	23♈10	7♒33	11♊42	24♐ 2	28♊40	27♎26	27♍17	26♍39	21♓41	27♉46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n19	18n 1	5s10	11n 5	1n46	8n37	1n25	6n13	4s11	18s55	0s58	20n22	1s49	23s31	0s11	22n16	1s12	5n11	16n29	1n 1	0n44	3s46	16n36	3s15
S 2	7 57	16 48	4 45	10 21	1 45	8 9	1 25	6 15	4 11	18 56	0 58	20 22	1 49	23 31	0 11	22 16	1 12	5 10	16 29	1 2	0 45	3 44	16 36	3 16
M 3	7 35	14 29	4 2	9 36	1 43	7 40	1 25	6 17	4 11	18 58	0 58	20 22	1 49	23 31	0 11	22 16	1 12	5 9	16 28	1 3	0 46	3 42	16 36	3 16
T 4	7 13	11 10	3 1	8 50	1 41	7 11	1 25	6 18	4 11	18 59	0 58	20 22	1 49	23 31	0 11	22 16	1 12	5 8	16 28	1 4	0 47	3 40	16 35	3 16
W 5	6 50	7 3	1 47	8 4	1 38	6 42	1 24	6 20	4 11	19 1	0 58	20 22	1 50	23 31	0 11	22 16	1 12	5 7	16 28	1 4	0 49	3 39	16 35	3 17
T 6	6 28	2 27	0 24	7 17	1 35	6 13	1 24	6 21	4 11	19 2	0 58	20 22	1 50	23 31	0 11	22 16	1 12	5 6	16 27	1 4	0 50	3 37	16 35	3 17
F 7	6 5	2s17	0n59	6 30	1 31	5 43	1 24	6 21	4 10	19 3	0 58	20 23	1 50	23 31	0 11	22 16	1 12	5 5	16 27	1 4	0 51	3 35	16 34	3 17
S 8	5 43	6 47	2 17	5 43	1 27	5 13	1 23	6 22	4 10	19 5	0 58	20 23	1 50	23 31	0 11	22 16	1 12	5 4	16 26	1 4	0 52	3 33	16 34	3 17
S 9	5 20	10 47	3 25	4 56	1 22	4 44	1 23	6 22	4 10	19 6	0 58	20 23	1 50	23 31	0 11	22 16	1 12	5 3	16 26	1 4	0 54	3 31	16 33	3 18
M10	4 57	14 1	4 18	4 9	1 18	4 14	1 22	6 22	4 9	19 7	0 58	20 23	1 50	23 31	0 11	22 16	1 12	5 2	16 26	1 3	0 55	3 30	16 33	3 18
T 11	4 35	16 23	4 55	3 22	1 12	3 43	1 22	6 22	4 8	19 8	0 58	20 23	1 50	23 31	0 11	22 16	1 12	5 1	16 25	1 3	0 56	3 28	16 33	3 18
W12	4 12	17 46	5 14	2 34	1 7	3 13	1 21	6 22	4 7	19 9	0 58	20 23	1 50	23 31	0 11	22 16	1 12	5 0	16 25	1 3	0 57	3 26	16 32	3 19
T 13	3 49	18 11	5 17	1 47	1 1	2 43	1 20	6 21	4 7	19 10	0 58	20 23	1 51	23 31	0 11	22 16	1 12	4 59	16 25	1 3	0 59	3 24	16 32	3 19
F 14	3 26	17 41	5 4	1 0	0 55	2 12	1 20	6 20	4 6	19 11	0 58	20 23	1 51	23 31	0 11	22 16	1 12	4 58	16 24	1 3	1 0	3 22	16 31	3 19
S 15	3 2	16 21	4 38	0 14	0 49	1 42	1 19	6 19	4 5	19 12	0 58	20 23	1 51	23 31	0 11	22 16	1 12	4 57	16 24	1 4	1 1	3 21	16 31	3 20
S 16	2 39	14 18	3 59	0s33	0 43	1 11	1 18	6 18	4 3	19 13	0 58	20 23	1 51	23 31	0 11	22 16	1 12	4 56	16 24	1 4	1 2	3 19	16 30	3 20
M17	2 16	11 40	3 11	1 19	0 36	0 41	1 17	6 16	4 2	19 14	0 58	20 23	1 51	23 31	0 11	22 16	1 12	4 55	16 23	1 4	1 4	3 17	16 30	3 20
T 18	1 53	8 34	2 15	2 4	0 30	0 10	1 16	6 14	4 1	19 14	0 58	20 23	1 51	23 31	0 11	22 16	1 12	4 54	16 23	1 4	1 5	3 15	16 29	3 21
W19	1 29	5 8	1 13	2 50	0 23	0s21	1 15	6 12	3 59	19 15	0 58	20 23	1 51	23 31	0 11	22 16	1 12	4 53	16 23	1 4	1 6	3 13	16 29	3 21
T 20	1 6	1 30	0 8	3 35	0 16	0 51	1 14	6 10	3 58	19 16	0 58	20 23	1 52	23 31	0 11	22 16	1 12	4 52	16 22	1 4	1 8	3 12	16 28	3 21
F 21	0 43	2n12	0s58	4 19	0 9	1 22	1 12	6 8	3 56	19 16	0 58	20 23	1 52	23 31	0 11	22 16	1 12	4 51	16 22	1 4	1 9	3 10	16 28	3 22
S 22	0 19	5 50	2 1	5 3	0 2	1 53	1 11	6 5	3 55	19 17	0 58	20 23	1 52	23 31	0 11	22 16	1 12	4 50	16 22	1 4	1 10	3 8	16 27	3 22
S 23	0s 4	9 15	3 0	5 47	0s 5	2 23	1 10	6 3	3 53	19 17	0 57	20 22	1 52	23 31	0 11	22 15	1 12	4 49	16 22	1 4	1 11	3 6	16 27	3 22
M24	0 28	12 19	3 51	6 30	0 12	2 54	1 8	6 0	3 51	19 18	0 57	20 22	1 52	23 31	0 11	22 15	1 12	4 48	16 21	1 4	1 13	3 4	16 26	3 22
T 25	0 51	14 53	4 32	7 12	0 20	3 25	1 7	5 57	3 49	19 18	0 57	20 22	1 52	23 31	0 11	22 15	1 12	4 47	16 21	1 5	1 14	3 3	16 25	3 23
W26	1 15	16 48	5 1	7 54	0 27	3 55	1 5	5 54	3 46	19 19	0 57	20 22	1 52	23 31	0 11	22 15	1 12	4 46	16 21	1 5	1 15	3 1	16 25	3 23
T 27	1 38	17 56	5 16	8 36	0 34	4 26	1 4	5 50	3 44	19 19	0 57	20 22	1 52	23 31	0 11	22 15	1 13	4 45	16 21	1 5	1 16	2 59	16 24	3 23
F 28	2 2	18 9	5 15	9 17	0 42	4 56	1 2	5 47	3 42	19 19	0 57	20 22	1 53	23 31	0 11	22 15	1 13	4 44	16 20	1 5	1 18	2 57	16 24	3 24
S 29	2 25	17 20	4 57	9 57	0 49	5 26	1 1	5 43	3 39	19 19	0 57	20 22	1 53	23 31	0 11	22 15	1 13	4 43	16 20	1 5	1 19	2 55	16 23	3 24
S 30	2s48	15n30	4s21	10s36	0s56	5s57	0n59	5n40	3s36	19s20	0s57	20n21	1s53	23s32	0s11	22n15	1s13	4n42	16n20	1n 5	1n20	2s54	16n22	3s24

Julian Day Number = 2355364.5, Delta T = 12.46 sec
Ecliptic obliquity = 23°28'16, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'51, Lahiri = 20°10'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

OCTOBER 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 54	8♎ 2'46	16♌19	26♎36	18♎41	22°R53	7°R33	11°R41	24♐ 4	28°R40	27♎28	27♍18	26♍35	21♓48	27°R44	M 1
T 2	0 43 51	9° 1'57	0♍59	28° 3	19°55	22♈35	7♒32	11♊40	24° 5	28♊40	27°30	27°19	26°32	21°54	27♉43	T 2
W 3	0 47 47	10° 1'10	15°56	29°29	21°10	22°17	7°D32	11°39	24° 7	28°40	27°33	27°19	26°29	22° 1	27°41	W 3
T 4	0 51 44	11° 0'25	1♎ 3	0♏55	22°25	21°58	7°32	11°38	24° 9	28°40	27°35	27°R20	26°26	22° 8	27°39	T 4
F 5	0 55 40	11°59'42	16°10	2°19	23°40	21°40	7°32	11°37	24°10	28°40	27°37	27°19	26°23	22°14	27°37	F 5
S 6	0 59 37	12°59'02	1♏ 9	3°43	24°54	21°21	7°33	11°36	24°12	28°40	27°40	27°18	26°19	22°21	27°35	S 6
S 7	1 3 34	13°58'23	15°51	5° 6	26° 9	21° 1	7°33	11°34	24°14	28°39	27°42	27°16	26°16	22°28	27°33	S 7
M 8	1 7 30	14°57'47	0♐10	6°27	27°24	20°42	7°34	11°33	24°15	28°39	27°44	27°13	26°13	22°34	27°31	M 8
T 9	1 11 27	15°57'12	14° 2	7°48	28°39	20°22	7°35	11°31	24°17	28°39	27°47	27°11	26°10	22°41	27°28	T 9
W10	1 15 23	16°56'39	27°27	9° 7	29°54	20° 3	7°36	11°29	24°19	28°39	27°49	27° 9	26° 7	22°48	27°26	W10
T 11	1 19 20	17°56'07	10♑26	10°25	1♏ 8	19°43	7°38	11°28	24°21	28°38	27°52	27° 8	26° 4	22°54	27°24	T 11
F 12	1 23 16	18°55'38	23° 1	11°42	2°23	19°24	7°40	11°26	24°23	28°38	27°54	27°D 8	26° 0	23° 1	27°21	F 12
S 13	1 27 13	19°55'10	5♒18	12°58	3°38	19° 5	7°41	11°24	24°25	28°38	27°56	27° 9	25°57	23° 8	27°19	S 13
S 14	1 31 9	20°54'44	17°21	14°12	4°53	18°45	7°43	11°21	24°27	28°37	27°59	27°10	25°54	23°14	27°17	S 14
M15	1 35 6	21°54'20	29°14	15°24	6° 7	18°26	7°46	11°19	24°29	28°37	28° 1	27°12	25°51	23°21	27°14	M15
T 16	1 39 3	22°53'57	11♓ 3	16°35	7°22	18° 8	7°48	11°17	24°31	28°36	28° 4	27°14	25°48	23°27	27°11	T 16
W17	1 42 59	23°53'37	22°50	17°44	8°37	17°49	7°51	11°14	24°33	28°36	28° 6	27°R15	25°45	23°34	27° 9	W17
T 18	1 46 56	24°53'18	4♈39	18°51	9°52	17°31	7°53	11°12	24°35	28°35	28° 8	27°14	25°41	23°41	27° 6	T 18
F 19	1 50 52	25°53'01	16°34	19°56	11° 6	17°13	7°56	11° 9	24°38	28°35	28°11	27°13	25°38	23°47	27° 4	F 19
S 20	1 54 49	26°52'46	28°35	20°58	12°21	16°56	7°59	11° 7	24°40	28°34	28°13	27°10	25°35	23°54	27° 1	S 20
S 21	1 58 45	27°52'33	10♉46	21°57	13°36	16°39	8° 3	11° 4	24°42	28°34	28°16	27° 5	25°32	24° 1	26°58	S 21
M22	2 2 42	28°52'23	23° 7	22°54	14°51	16°23	8° 6	11° 1	24°45	28°33	28°18	27° 0	25°29	24° 7	26°55	M22
T 23	2 6 38	29°52'14	5♊39	23°47	16° 5	16° 7	8°10	10°58	24°47	28°32	28°21	26°54	25°25	24°14	26°52	T 23
W24	2 10 35	0♏52'07	18°23	24°36	17°20	15°52	8°14	10°55	24°50	28°31	28°23	26°49	25°22	24°21	26°49	W24
T 25	2 14 31	1°52'03	1♋21	25°22	18°35	15°37	8°18	10°51	24°52	28°31	28°25	26°44	25°19	24°27	26°47	T 25
F 26	2 18 28	2°52'01	14°34	26° 2	19°50	15°23	8°22	10°48	24°55	28°30	28°28	26°41	25°16	24°34	26°44	F 26
S 27	2 22 25	3°52'01	28° 3	26°38	21° 4	15°10	8°27	10°45	24°57	28°29	28°30	26°D39	25°13	24°41	26°41	S 27
S 28	2 26 21	4°52'03	11♌49	27° 8	22°19	14°57	8°32	10°41	25° 0	28°28	28°33	26°39	25°10	24°47	26°38	S 28
M29	2 30 18	5°52'07	25°52	27°32	23°34	14°45	8°36	10°38	25° 2	28°27	28°35	26°40	25° 6	24°54	26°35	M29
T 30	2 34 14	6°52'13	10♍12	27°49	24°49	14°34	8°41	10°34	25° 5	28°27	28°38	26°42	25° 3	25° 0	26°31	T 30
W31	2 38 11	7♏52'22	24♍48	27♏59	26♏ 4	14♈23	8♒47	10♊31	25♐ 8	28♊26	28♎40	26°R43	25♍ 0	25♓ 7	26♉28	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s12	12n39	3s29	11s15	1s 3	6s27	0n57	5n36	3s34	19s20	0s57	20n21	1s53	23s32	0s11	22n15	1s13	4n41	16n20	1n 5	1n21	2s52	16n22	3s25
T 2	3 35	8 56	2 21	11 53	1 10	6 57	0 55	5 32	3 31	19 20	0 57	20 21	1 53	23 32	0 11	22 15	1 13	4 40	16 20	1 4	1 23	2 50	16 21	3 25
W 3	3 58	4 35	1 3	12 31	1 17	7 26	0 54	5 28	3 28	19 20	0 57	20 21	1 53	23 32	0 11	22 15	1 13	4 39	16 19	1 4	1 24	2 48	16 20	3 25
T 4	4 22	0s 6	0n21	13 8	1 24	7 56	0 52	5 24	3 25	19 20	0 57	20 20	1 53	23 32	0 11	22 15	1 13	4 38	16 19	1 4	1 25	2 46	16 19	3 25
F 5	4 45	4 47	1 43	13 43	1 31	8 26	0 50	5 20	3 22	19 19	0 57	20 20	1 53	23 32	0 11	22 15	1 13	4 37	16 19	1 4	1 27	2 44	16 19	3 26
S 6	5 8	9 8	2 57	14 19	1 38	8 55	0 48	5 16	3 18	19 19	0 57	20 20	1 54	23 32	0 11	22 15	1 13	4 36	16 19	1 5	1 28	2 43	16 18	3 26
S 7	5 31	12 49	3 58	14 53	1 45	9 24	0 46	5 12	3 15	19 19	0 57	20 19	1 54	23 32	0 11	22 15	1 13	4 35	16 19	1 5	1 29	2 41	16 17	3 26
M 8	5 54	15 37	4 42	15 26	1 51	9 53	0 44	5 8	3 12	19 19	0 56	20 19	1 54	23 32	0 11	22 15	1 13	4 34	16 19	1 6	1 30	2 39	16 17	3 27
T 9	6 17	17 25	5 8	15 59	1 58	10 21	0 42	5 4	3 8	19 18	0 56	20 19	1 54	23 32	0 11	22 15	1 13	4 33	16 19	1 7	1 32	2 37	16 16	3 27
W10	6 40	18 11	5 16	16 31	2 4	10 50	0 40	5 0	3 4	19 18	0 56	20 18	1 54	23 32	0 11	22 15	1 13	4 32	16 18	1 8	1 33	2 35	16 15	3 27
T 11	7 3	17 57	5 8	17 1	2 10	11 18	0 37	4 56	3 1	19 18	0 56	20 18	1 54	23 32	0 11	22 15	1 13	4 31	16 18	1 8	1 34	2 34	16 14	3 27
F 12	7 25	16 50	4 45	17 31	2 16	11 46	0 35	4 52	2 57	19 17	0 56	20 18	1 54	23 32	0 11	22 15	1 13	4 31	16 18	1 8	1 35	2 32	16 13	3 28
S 13	7 48	14 57	4 9	18 0	2 21	12 14	0 33	4 48	2 53	19 16	0 56	20 17	1 54	23 33	0 11	22 15	1 13	4 30	16 18	1 8	1 37	2 30	16 13	3 28
S 14	8 10	12 26	3 23	18 27	2 27	12 41	0 31	4 45	2 49	19 16	0 56	20 17	1 54	23 33	0 11	22 15	1 13	4 29	16 18	1 8	1 38	2 28	16 12	3 28
M15	8 33	9 26	2 28	18 53	2 32	13 8	0 28	4 41	2 45	19 15	0 56	20 17	1 55	23 33	0 11	22 15	1 13	4 28	16 18	1 7	1 39	2 26	16 11	3 28
T 16	8 55	6 5	1 28	19 19	2 36	13 35	0 26	4 38	2 41	19 15	0 56	20 16	1 55	23 33	0 11	22 15	1 13	4 27	16 18	1 6	1 40	2 24	16 10	3 29
W17	9 17	2 29	0 24	19 43	2 41	14 1	0 24	4 35	2 37	19 14	0 56	20 16	1 55	23 33	0 11	22 15	1 13	4 26	16 18	1 6	1 42	2 23	16 9	3 29
T 18	9 39	1n14	0s41	20 5	2 45	14 27	0 21	4 31	2 33	19 13	0 56	20 15	1 55	23 33	0 11	22 15	1 13	4 25	16 18	1 6	1 43	2 21	16 9	3 29
F 19	10 1	4 55	1 44	20 27	2 48	14 53	0 19	4 29	2 29	19 12	0 56	20 15	1 55	23 33	0 11	22 15	1 13	4 24	16 18	1 7	1 44	2 19	16 8	3 29
S 20	10 22	8 26	2 44	20 47	2 51	15 18	0 16	4 26	2 25	19 11	0 55	20 14	1 55	23 33	0 11	22 15	1 13	4 23	16 18	1 8	1 45	2 17	16 7	3 30
S 21	10 44	11 39	3 36	21 5	2 54	15 43	0 14	4 23	2 21	19 10	0 55	20 14	1 55	23 33	0 11	22 15	1 13	4 23	16 18	1 10	1 47	2 15	16 6	3 30
M22	11 5	14 23	4 19	21 22	2 56	16 8	0 12	4 21	2 17	19 9	0 55	20 13	1 55	23 33	0 11	22 14	1 13	4 22	16 18	1 12	1 48	2 14	16 5	3 30
T 23	11 26	16 30	4 51	21 37	2 58	16 32	0 9	4 19	2 13	19 8	0 55	20 13	1 55	23 33	0 11	22 14	1 13	4 21	16 18	1 14	1 49	2 12	16 4	3 30
W24	11 47	17 50	5 8	21 50	2 59	16 56	0 7	4 17	2 8	19 7	0 55	20 12	1 55	23 34	0 11	22 14	1 13	4 20	16 18	1 16	1 51	2 10	16 4	3 30
T 25	12 8	18 17	5 11	22 1	2 59	17 19	0 4	4 15	2 4	19 6	0 55	20 12	1 55	23 34	0 11	22 14	1 13	4 19	16 18	1 18	1 52	2 8	16 3	3 31
F 26	12 29	17 45	4 57	22 10	2 58	17 42	0 2	4 13	2 0	19 5	0 55	20 11	1 55	23 34	0 11	22 14	1 13	4 19	16 18	1 19	1 53	2 6	16 2	3 31
S 27	12 49	16 14	4 26	22 17	2 57	18 4	0s 1	4 12	1 56	19 3	0 55	20 11	1 55	23 34	0 11	22 14	1 13	4 18	16 18	1 20	1 54	2 4	16 1	3 31
S 28	13 10	13 44	3 40	22 22	2 54	18 26	0 4	4 11	1 52	19 2	0 55	20 10	1 56	23 34	0 11	22 14	1 13	4 17	16 18	1 20	1 56	2 3	16 0	3 31
M29	13 30	10 24	2 40	22 24	2 50	18 47	0 6	4 10	1 48	19 1	0 55	20 10	1 56	23 34	0 11	22 14	1 13	4 16	16 18	1 19	1 57	2 1	15 59	3 31
T 30	13 50	6 23	1 29	22 23	2 46	19 8	0 9	4 9	1 44	18 59	0 55	20 9	1 56	23 34	0 11	22 14	1 14	4 15	16 18	1 19	1 58	1 59	15 58	3 32
W31	14s 9	1n55	0s10	22s20	2s39	19s29	0s11	4n 9	1s39	18s58	0s55	20n 9	1s56	23s34	0s11	22n14	1s14	4n15	16n18	1n19	1n59	1s57	15n57	3s32

Julian Day Number = 2355394.5, Delta T = 12.48 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'55, Lahiri = 20°10'55Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1736
geocentric

NOVEMBER 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 7	8♏52'33	9♎34	28°R 0	27♏18	14°R14	8♒52	10°R27	25♐11	28°R25	28♎42	26°R42	24♍57	25♓14	26°R25	T 1
F 2	2 46 4	9°52'45	24°25	27♏53	28°33	14♈ 5	8°57	10♊23	25°13	28♊24	28°45	26♍39	24°54	25°20	26♉22	F 2
S 3	2 50 0	10°53'00	9♏13	27°36	29°48	13°56	9° 3	10°19	25°16	28°23	28°47	26°35	24°50	25°27	26°19	S 3
S 4	2 53 57	11°53'16	23°51	27°10	1♐ 3	13°49	9° 9	10°15	25°19	28°22	28°50	26°28	24°47	25°34	26°16	S 4
M 5	2 57 54	12°53'34	8♐10	26°34	2°17	13°42	9°15	10°11	25°22	28°21	28°52	26°20	24°44	25°40	26°12	M 5
T 6	3 1 50	13°53'54	22° 6	25°48	3°32	13°37	9°21	10° 7	25°25	28°19	28°54	26°12	24°41	25°47	26° 9	T 6
W 7	3 5 47	14°54'15	5♑36	24°52	4°47	13°32	9°28	10° 3	25°28	28°18	28°57	26° 5	24°38	25°54	26° 6	W 7
T 8	3 9 43	15°54'38	18°40	23°48	6° 2	13°28	9°34	9°58	25°31	28°17	28°59	26° 0	24°35	26° 0	26° 3	T 8
F 9	3 13 40	16°55'02	1♒19	22°37	7°16	13°24	9°41	9°54	25°34	28°16	29° 1	25°56	24°31	26° 7	25°59	F 9
S 10	3 17 36	17°55'28	13°37	21°20	8°31	13°22	9°48	9°50	25°37	28°15	29° 4	25°D55	24°28	26°14	25°56	S 10
S 11	3 21 33	18°55'54	25°40	20° 0	9°46	13°20	9°55	9°45	25°40	28°14	29° 6	25°55	24°25	26°20	25°53	S 11
M12	3 25 29	19°56'23	7♓33	18°39	11° 0	13°19	10° 2	9°41	25°43	28°12	29° 8	25°56	24°22	26°27	25°49	M12
T 13	3 29 26	20°56'52	19°20	17°20	12°15	13°D19	10° 9	9°36	25°46	28°11	29°11	25°57	24°19	26°33	25°46	T 13
W14	3 33 23	21°57'23	1♈ 8	16° 6	13°30	13°20	10°17	9°32	25°49	28°10	29°13	25°R57	24°16	26°40	25°43	W14
T 15	3 37 19	22°57'55	13° 0	14°59	14°45	13°21	10°25	9°27	25°52	28° 9	29°15	25°55	24°12	26°47	25°39	T 15
F 16	3 41 16	23°58'29	25° 1	14° 1	15°59	13°24	10°32	9°23	25°55	28° 7	29°17	25°51	24° 9	26°53	25°36	F 16
S 17	3 45 12	24°59'04	7♉12	13°13	17°14	13°27	10°40	9°18	25°59	28° 6	29°20	25°44	24° 6	27° 0	25°32	S 17
S 18	3 49 9	25°59'40	19°37	12°36	18°29	13°31	10°48	9°13	26° 2	28° 4	29°22	25°35	24° 3	27° 7	25°29	S 18
M19	3 53 5	27° 0'18	2♊16	12°11	19°43	13°35	10°57	9° 8	26° 5	28° 3	29°24	25°25	24° 0	27°13	25°26	M19
T 20	3 57 2	28° 0'57	15° 9	11°57	20°58	13°41	11° 5	9° 4	26° 8	28° 2	29°26	25°13	23°56	27°20	25°22	T 20
W21	4 0 58	29° 1'38	28°14	11°D55	22°13	13°47	11°14	8°59	26°12	28° 0	29°28	25° 2	23°53	27°27	25°19	W21
T 22	4 4 55	0♐ 2'20	11♋32	12° 3	23°27	13°54	11°22	8°54	26°15	27°59	29°31	24°52	23°50	27°33	25°16	T 22
F 23	4 8 52	1° 3'04	25° 0	12°22	24°42	14° 1	11°31	8°49	26°18	27°57	29°33	24°44	23°47	27°40	25°12	F 23
S 24	4 12 48	2° 3'49	8♌38	12°49	25°56	14° 9	11°40	8°44	26°22	27°56	29°35	24°39	23°44	27°47	25° 9	S 24
S 25	4 16 45	3° 4'36	22°25	13°25	27°11	14°18	11°49	8°39	26°25	27°54	29°37	24°37	23°41	27°53	25° 6	S 25
M26	4 20 41	4° 5'24	6♍22	14° 7	28°26	14°28	11°58	8°34	26°29	27°53	29°39	24°D37	23°37	28° 0	25° 2	M26
T 27	4 24 38	5° 6'14	20°27	14°57	29°40	14°38	12° 8	8°30	26°32	27°51	29°41	24°R37	23°34	28° 7	24°59	T 27
W28	4 28 34	6° 7'05	4♎42	15°52	0♑55	14°49	12°17	8°25	26°35	27°50	29°43	24°37	23°31	28°13	24°56	W28
T 29	4 32 31	7° 7'58	19° 3	16°52	2°10	15° 0	12°27	8°20	26°39	27°48	29°45	24°35	23°28	28°20	24°52	T 29
F 30	4 36 27	8♐ 8'52	3♏28	17♏56	3♑24	15♈12	12♒36	8♊15	26♐42	27♊47	29♎47	24♍30	23♍25	28♓26	24♉49	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s29	2s44	1n 9	22s13	2s32	19s48	0s14	4n 9	1s35	18s57	0s54	20n 8	1s56	23s34	0s11	22n14	1s14	4n14	16n18	1n19	2n 1	1s55	15n56	3s32
F 2	14 48	7 14	2 25	22 2	2 23	20 8	0 16	4 9	1 31	18 55	0 54	20 7	1 56	23 34	0 11	22 14	1 14	4 13	16 18	1 20	2 2	1 53	15 56	3 32
S 3	15 7	11 16	3 30	21 48	2 13	20 27	0 19	4 10	1 27	18 53	0 54	20 7	1 56	23 35	0 11	22 14	1 14	4 13	16 18	1 22	2 3	1 52	15 55	3 32
S 4	15 25	14 33	4 20	21 30	2 0	20 45	0 21	4 11	1 23	18 52	0 54	20 6	1 56	23 35	0 11	22 14	1 14	4 12	16 18	1 24	2 4	1 50	15 54	3 33
M 5	15 44	16 52	4 53	21 8	1 46	21 2	0 24	4 12	1 20	18 50	0 54	20 6	1 56	23 35	0 11	22 14	1 14	4 11	16 18	1 27	2 6	1 48	15 53	3 33
T 6	16 2	18 7	5 7	20 42	1 31	21 19	0 27	4 13	1 16	18 48	0 54	20 5	1 56	23 35	0 11	22 14	1 14	4 10	16 18	1 31	2 7	1 46	15 52	3 33
W 7	16 20	18 17	5 4	20 12	1 14	21 36	0 29	4 14	1 12	18 47	0 54	20 4	1 56	23 35	0 11	22 14	1 14	4 10	16 19	1 33	2 8	1 44	15 51	3 33
T 8	16 37	17 28	4 45	19 39	0 56	21 52	0 32	4 16	1 8	18 45	0 54	20 4	1 56	23 35	0 11	22 14	1 14	4 9	16 19	1 36	2 9	1 42	15 50	3 33
F 9	16 55	15 48	4 12	19 2	0 36	22 7	0 34	4 18	1 5	18 43	0 54	20 3	1 56	23 35	0 11	22 14	1 14	4 8	16 19	1 37	2 11	1 41	15 49	3 33
S 10	17 12	13 26	3 28	18 22	0 16	22 21	0 37	4 21	1 1	18 41	0 54	20 3	1 56	23 35	0 11	22 14	1 14	4 8	16 19	1 38	2 12	1 39	15 48	3 34
S 11	17 28	10 32	2 36	17 41	0n 5	22 35	0 39	4 23	0 57	18 39	0 54	20 2	1 56	23 35	0 11	22 14	1 14	4 7	16 19	1 38	2 13	1 37	15 47	3 34
M12	17 45	7 14	1 38	16 59	0 25	22 49	0 42	4 26	0 54	18 37	0 54	20 1	1 56	23 35	0 11	22 14	1 14	4 7	16 19	1 37	2 14	1 35	15 46	3 34
T 13	18 1	3 41	0 36	16 18	0 45	23 1	0 44	4 29	0 50	18 35	0 54	20 1	1 56	23 36	0 11	22 14	1 14	4 6	16 20	1 37	2 16	1 33	15 46	3 34
W14	18 17	0n 1	0s28	15 39	1 4	23 13	0 47	4 33	0 47	18 33	0 53	20 0	1 56	23 36	0 11	22 14	1 14	4 5	16 20	1 37	2 17	1 32	15 45	3 34
T 15	18 32	3 45	1 30	15 3	1 22	23 24	0 49	4 37	0 44	18 31	0 53	19 59	1 56	23 36	0 11	22 14	1 14	4 5	16 20	1 37	2 18	1 30	15 44	3 34
F 16	18 47	7 23	2 29	14 31	1 37	23 35	0 51	4 41	0 40	18 28	0 53	19 59	1 56	23 36	0 11	22 14	1 14	4 4	16 20	1 39	2 20	1 28	15 43	3 34
S 17	19 2	10 45	3 22	14 4	1 51	23 45	0 54	4 45	0 37	18 26	0 53	19 58	1 56	23 36	0 11	22 14	1 14	4 4	16 20	1 42	2 21	1 26	15 42	3 34
S 18	19 17	13 42	4 6	13 41	2 3	23 54	0 56	4 49	0 34	18 24	0 53	19 57	1 56	23 36	0 11	22 14	1 14	4 3	16 21	1 45	2 22	1 24	15 41	3 35
M19	19 31	16 5	4 39	13 25	2 12	24 2	0 58	4 54	0 31	18 22	0 53	19 56	1 56	23 36	0 11	22 14	1 14	4 3	16 21	1 50	2 23	1 22	15 40	3 35
T 20	19 45	17 42	4 59	13 13	2 20	24 10	1 1	4 59	0 28	18 19	0 53	19 56	1 56	23 36	0 11	22 13	1 14	4 2	16 21	1 54	2 25	1 21	15 39	3 35
W21	19 58	18 25	5 3	13 7	2 26	24 17	1 3	5 4	0 25	18 17	0 53	19 55	1 56	23 36	0 11	22 13	1 14	4 2	16 21	1 59	2 26	1 19	15 38	3 35
T 22	20 11	18 8	4 51	13 6	2 30	24 23	1 5	5 9	0 22	18 14	0 53	19 54	1 56	23 36	0 11	22 13	1 14	4 1	16 22	2 3	2 27	1 17	15 38	3 35
F 23	20 24	16 51	4 23	13 9	2 32	24 29	1 7	5 15	0 19	18 12	0 53	19 54	1 56	23 37	0 11	22 13	1 14	4 1	16 22	2 6	2 28	1 15	15 37	3 35
S 24	20 36	14 36	3 39	13 17	2 33	24 34	1 9	5 20	0 16	18 9	0 53	19 53	1 56	23 37	0 11	22 13	1 14	4 0	16 22	2 8	2 30	1 13	15 36	3 35
S 25	20 48	11 30	2 42	13 28	2 32	24 38	1 11	5 26	0 14	18 7	0 53	19 52	1 56	23 37	0 11	22 13	1 14	4 0	16 22	2 8	2 31	1 11	15 35	3 35
M26	21 0	7 43	1 36	13 42	2 31	24 41	1 13	5 33	0 11	18 4	0 53	19 52	1 56	23 37	0 11	22 13	1 14	3 59	16 23	2 9	2 32	1 9	15 34	3 35
T 27	21 11	3 27	0 22	13 59	2 28	24 44	1 15	5 39	0 8	18 1	0 53	19 51	1 55	23 37	0 11	22 13	1 14	3 59	16 23	2 9	2 33	1 8	15 33	3 35
W28	21 21	1s 3	0n53	14 18	2 25	24 45	1 17	5 45	0 6	17 59	0 52	19 50	1 55	23 37	0 11	22 13	1 14	3 59	16 23	2 9	2 35	1 6	15 32	3 35
T 29	21 32	5 32	2 6	14 39	2 21	24 46	1 19	5 52	0 3	17 56	0 52	19 50	1 55	23 37	0 11	22 13	1 14	3 58	16 24	2 9	2 36	1 4	15 32	3 35
F 30	21s42	9s42	3n11	15s 1	2n16	24s47	1s21	5n59	0s 1	17s53	0s52	19n49	1s55	23s37	0s11	22n13	1s14	3n58	16n24	2n11	2n37	1s 2	15n31	3s35

Julian Day Number = 2355425.5, Delta T = 12.50 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°03'59, Lahiri = 20°10'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1736
geocentric

DECEMBER 1736 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 24	9♐ 9'48	17♏52	19♏ 4	4♑39	15♈25	12♒46	8°R10	26♐46	27°R45	29♎49	24°R22	23♍22	28♓33	24°R46	S 1
S 2	4 44 21	10°10'45	2♐ 9	20°15	5°53	15°38	12°56	8♊ 5	26°49	27♊43	29°51	24♍11	23°18	28°40	24♉43	S 2
M 3	4 48 17	11°11'42	16°14	21°29	7° 8	15°52	13° 6	8° 0	26°53	27°42	29°53	23°59	23°15	28°46	24°39	M 3
T 4	4 52 14	12°12'41	0♑ 1	22°46	8°22	16° 7	13°16	7°55	26°56	27°40	29°55	23°47	23°12	28°53	24°36	T 4
W 5	4 56 10	13°13'41	13°26	24° 4	9°37	16°22	13°27	7°50	27° 0	27°39	29°57	23°35	23° 9	29° 0	24°33	W 5
T 6	5 0 7	14°14'41	26°29	25°25	10°51	16°38	13°37	7°45	27° 3	27°37	29°59	23°25	23° 6	29° 6	24°30	T 6
F 7	5 4 3	15°15'42	9♒ 9	26°47	12° 6	16°54	13°48	7°40	27° 7	27°35	0♏ 1	23°17	23° 2	29°13	24°27	F 7
S 8	5 8 0	16°16'44	21°29	28°10	13°20	17°10	13°58	7°35	27°11	27°34	0° 3	23°13	22°59	29°20	24°24	S 8
S 9	5 11 56	17°17'46	3♓33	29°34	14°35	17°28	14° 9	7°31	27°14	27°32	0° 5	23°11	22°56	29°26	24°21	S 9
M10	5 15 53	18°18'49	15°26	1♐ 0	15°49	17°45	14°20	7°26	27°18	27°30	0° 6	23°10	22°53	29°33	24°18	M10
T 11	5 19 50	19°19'52	27°14	2°26	17° 4	18° 4	14°31	7°21	27°21	27°29	0° 8	23°10	22°50	29°40	24°15	T 11
W12	5 23 46	20°20'55	9♈ 2	3°53	18°18	18°22	14°42	7°16	27°25	27°27	0°10	23° 9	22°47	29°46	24°12	W12
T 13	5 27 43	21°21'59	20°56	5°20	19°33	18°41	14°53	7°11	27°29	27°25	0°12	23° 7	22°43	29°53	24° 9	T 13
F 14	5 31 39	22°23'04	3♉ 1	6°49	20°47	19° 1	15° 5	7° 7	27°32	27°24	0°13	23° 2	22°40	29°59	24° 6	F 14
S 15	5 35 36	23°24'09	15°20	8°17	22° 1	19°21	15°16	7° 2	27°36	27°22	0°15	22°54	22°37	0♈ 6	24° 3	S 15
S 16	5 39 32	24°25'14	27°56	9°47	23°16	19°41	15°28	6°57	27°39	27°20	0°17	22°44	22°34	0°13	24° 0	S 16
M17	5 43 29	25°26'20	10♊51	11°16	24°30	20° 2	15°39	6°53	27°43	27°18	0°18	22°31	22°31	0°19	23°57	M17
T 18	5 47 25	26°27'26	24° 4	12°46	25°44	20°24	15°51	6°48	27°47	27°17	0°20	22°18	22°28	0°26	23°55	T 18
W19	5 51 22	27°28'33	7♋34	14°17	26°59	20°45	16° 3	6°44	27°50	27°15	0°21	22° 4	22°24	0°33	23°52	W19
T 20	5 55 19	28°29'40	21°18	15°48	28°13	21° 7	16°14	6°40	27°54	27°13	0°23	21°53	22°21	0°39	23°49	T 20
F 21	5 59 15	29°30'47	5♌11	17°19	29°27	21°30	16°26	6°35	27°58	27°12	0°24	21°44	22°18	0°46	23°47	F 21
S 22	6 3 12	0♑31'55	19°11	18°50	0♒41	21°53	16°38	6°31	28° 1	27°10	0°26	21°38	22°15	0°53	23°44	S 22
S 23	6 7 8	1°33'04	3♍14	20°22	1°55	22°16	16°50	6°27	28° 5	27° 8	0°27	21°34	22°12	0°59	23°42	S 23
M24	6 11 5	2°34'13	17°18	21°54	3°10	22°39	17° 3	6°22	28° 8	27° 7	0°29	21°D33	22° 8	1° 6	23°39	M24
T 25	6 15 1	3°35'22	1♎23	23°26	4°24	23° 3	17°15	6°18	28°12	27° 5	0°30	21°R33	22° 5	1°13	23°37	T 25
W26	6 18 58	4°36'33	15°27	24°59	5°38	23°27	17°27	6°14	28°16	27° 3	0°31	21°33	22° 2	1°19	23°35	W26
T 27	6 22 54	5°37'43	29°31	26°32	6°52	23°52	17°40	6°10	28°19	27° 1	0°33	21°31	21°59	1°26	23°32	T 27
F 28	6 26 51	6°38'54	13♏32	28° 5	8° 6	24°17	17°52	6° 6	28°23	27° 0	0°34	21°27	21°56	1°33	23°30	F 28
S 29	6 30 48	7°40'05	27°28	29°38	9°20	24°42	18° 5	6° 3	28°26	26°58	0°35	21°19	21°53	1°39	23°28	S 29
S 30	6 34 44	8°41'17	11♐18	1♑12	10°34	25° 7	18°18	5°59	28°30	26°56	0°37	21° 9	21°49	1°46	23°26	S 30
M31	6 38 41	9♑42'29	24♐57	2♑46	11♒48	25♈33	18♒30	5♊55	28♐34	26♊55	0♏38	20♍57	21♍46	1♈53	23♉24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s51	13s17	4n 3	15s25	2n10	24s46	1s23	6n 6	0n 2	17s50	0s52	19n48	1s55	23s37	0s11	22n13	1s14	3n57	16n24	2n14	2n38	1s 0	15n30	3s35
S 2	22 0	16 3	4 39	15 50	2 5	24 45	1 25	6 14	0 4	17 47	0 52	19 47	1 55	23 37	0 11	22 13	1 14	3 57	16 24	2 19	2 40	0 58	15 29	3 35
M 3	22 9	17 49	4 58	16 15	1 58	24 43	1 26	6 21	0 6	17 44	0 52	19 47	1 55	23 38	0 11	22 13	1 14	3 57	16 25	2 23	2 41	0 57	15 28	3 35
T 4	22 17	18 29	4 59	16 41	1 52	24 40	1 28	6 29	0 9	17 41	0 52	19 46	1 55	23 38	0 11	22 13	1 14	3 56	16 25	2 28	2 42	0 55	15 28	3 36
W 5	22 25	18 5	4 43	17 7	1 45	24 37	1 30	6 37	0 11	17 38	0 52	19 45	1 55	23 38	0 11	22 13	1 14	3 56	16 26	2 33	2 43	0 53	15 27	3 36
T 6	22 32	16 45	4 13	17 33	1 38	24 32	1 31	6 45	0 13	17 35	0 52	19 45	1 55	23 38	0 11	22 13	1 14	3 56	16 26	2 37	2 45	0 51	15 26	3 36
F 7	22 39	14 36	3 31	17 59	1 31	24 27	1 33	6 53	0 15	17 32	0 52	19 44	1 55	23 38	0 11	22 13	1 14	3 56	16 26	2 40	2 46	0 49	15 25	3 36
S 8	22 46	11 51	2 40	18 25	1 24	24 22	1 34	7 1	0 17	17 29	0 52	19 43	1 54	23 38	0 12	22 13	1 14	3 55	16 27	2 42	2 47	0 47	15 25	3 36
S 9	22 52	8 38	1 42	18 51	1 16	24 15	1 35	7 9	0 19	17 26	0 52	19 43	1 54	23 38	0 12	22 13	1 14	3 55	16 27	2 43	2 48	0 46	15 24	3 36
M10	22 57	5 7	0 41	19 16	1 9	24 8	1 37	7 18	0 21	17 23	0 52	19 42	1 54	23 38	0 12	22 13	1 14	3 55	16 27	2 43	2 50	0 44	15 23	3 36
T 11	23 2	1 26	0s22	19 40	1 1	24 0	1 38	7 27	0 23	17 19	0 52	19 41	1 54	23 38	0 12	22 13	1 14	3 55	16 28	2 43	2 51	0 42	15 22	3 36
W12	23 7	2n19	1 23	20 4	0 54	23 51	1 39	7 35	0 25	17 16	0 52	19 41	1 54	23 38	0 12	22 13	1 14	3 54	16 28	2 43	2 52	0 40	15 22	3 36
T 13	23 11	6 0	2 21	20 28	0 46	23 42	1 40	7 44	0 26	17 13	0 52	19 40	1 54	23 38	0 12	22 13	1 14	3 54	16 29	2 44	2 53	0 38	15 21	3 36
F 14	23 15	9 29	3 14	20 50	0 39	23 32	1 41	7 54	0 28	17 9	0 52	19 39	1 54	23 38	0 12	22 13	1 14	3 54	16 29	2 46	2 55	0 36	15 20	3 36
S 15	23 18	12 38	3 59	21 12	0 31	23 21	1 42	8 3	0 30	17 6	0 52	19 39	1 54	23 38	0 12	22 13	1 14	3 54	16 29	2 49	2 56	0 35	15 20	3 36
S 16	23 21	15 17	4 33	21 33	0 24	23 9	1 43	8 12	0 32	17 3	0 52	19 38	1 53	23 39	0 12	22 13	1 14	3 54	16 30	2 53	2 57	0 33	15 19	3 35
M17	23 24	17 15	4 54	21 54	0 16	22 57	1 44	8 21	0 33	16 59	0 52	19 38	1 53	23 39	0 12	22 13	1 14	3 54	16 30	2 58	2 59	0 31	15 18	3 35
T 18	23 25	18 20	5 0	22 13	0 9	22 44	1 45	8 31	0 35	16 56	0 52	19 37	1 53	23 39	0 12	22 13	1 14	3 53	16 31	3 4	3 0	0 29	15 18	3 35
W19	23 27	18 26	4 50	22 31	0 2	22 31	1 45	8 41	0 36	16 52	0 51	19 36	1 53	23 39	0 12	22 13	1 14	3 53	16 31	3 9	3 1	0 27	15 17	3 35
T 20	23 28	17 28	4 22	22 48	0s 5	22 17	1 46	8 50	0 38	16 48	0 51	19 36	1 53	23 39	0 12	22 13	1 14	3 53	16 32	3 14	3 2	0 25	15 16	3 35
F 21	23 28	15 27	3 39	23 4	0 12	22 2	1 47	9 0	0 39	16 45	0 51	19 35	1 53	23 39	0 12	22 13	1 14	3 53	16 32	3 17	3 4	0 23	15 16	3 35
S 22	23 28	12 31	2 42	23 19	0 19	21 46	1 47	9 10	0 41	16 41	0 51	19 35	1 52	23 39	0 12	22 12	1 14	3 53	16 33	3 20	3 5	0 22	15 15	3 35
S 23	23 28	8 51	1 35	23 33	0 26	21 30	1 47	9 20	0 42	16 37	0 51	19 34	1 52	23 39	0 12	22 12	1 14	3 53	16 33	3 21	3 6	0 20	15 15	3 35
M24	23 27	4 41	0 23	23 46	0 33	21 13	1 48	9 30	0 44	16 34	0 51	19 34	1 52	23 39	0 12	22 12	1 14	3 53	16 33	3 21	3 7	0 18	15 14	3 35
T 25	23 25	0 14	0n52	23 58	0 39	20 56	1 48	9 40	0 45	16 30	0 51	19 33	1 52	23 39	0 12	22 12	1 14	3 53	16 34	3 21	3 9	0 16	15 14	3 35
W26	23 23	4s12	2 3	24 8	0 46	20 38	1 48	9 50	0 46	16 26	0 51	19 33	1 52	23 39	0 12	22 12	1 14	3 53	16 34	3 21	3 10	0 14	15 13	3 35
T 27	23 21	8 24	3 7	24 17	0 52	20 19	1 48	10 1	0 48	16 22	0 51	19 32	1 51	23 39	0 12	22 12	1 14	3 53	16 35	3 22	3 11	0 12	15 13	3 35
F 28	23 18	12 7	3 59	24 25	0 58	20 0	1 48	10 11	0 49	16 19	0 51	19 32	1 51	23 39	0 12	22 12	1 14	3 53	16 35	3 24	3 12	0 11	15 12	3 35
S 29	23 15	15 8	4 36	24 32	1 4	19 41	1 48	10 21	0 50	16 15	0 51	19 31	1 51	23 39	0 12	22 12	1 14	3 53	16 36	3 27	3 14	0 9	15 12	3 35
S 30	23 11	17 15	4 57	24 37	1 9	19 20	1 48	10 32	0 51	16 11	0 51	19 31	1 51	23 39	0 12	22 12	1 14	3 53	16 36	3 31	3 15	0 7	15 11	3 35
M31	23s 7	18s22	5n 1	24s41	1s15	19s 0	1s47	10n42	0n52	16s 7	0s51	19n30	1s51	23s39	0s12	22n12	1s14	3n53	16n37	3n36	3n16	0s 5	15n11	3s35

Julian Day Number = 2355455.5, Delta T = 12.52 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'03, Lahiri = 20°11'03Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

JANUARY 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 37	10♑43'41	8♑23	4♑21	13♒ 2	25♈59	18♒43	5°R51	28♐37	26°R53	0♏39	20°R44	21♍43	1♈59	23°R22	T 1
W 2	6 46 34	11°44'53	21°33	5°56	14°15	26°25	18°56	5♊48	28°41	26♊52	0°40	20♍33	21°40	2° 6	23♉20	W 2
T 3	6 50 30	12°46'04	4♒24	7°31	15°29	26°52	19° 9	5°44	28°44	26°50	0°41	20°22	21°37	2°12	23°18	T 3
F 4	6 54 27	13°47'15	16°58	9° 7	16°43	27°19	19°22	5°41	28°48	26°48	0°42	20°15	21°34	2°19	23°16	F 4
S 5	6 58 24	14°48'26	29°15	10°43	17°57	27°46	19°35	5°38	28°51	26°47	0°43	20°10	21°30	2°26	23°15	S 5
S 6	7 2 20	15°49'37	11♓18	12°19	19°10	28°13	19°48	5°35	28°55	26°45	0°44	20° 8	21°27	2°32	23°13	S 6
M 7	7 6 17	16°50'47	23°12	13°56	20°24	28°41	20° 1	5°32	28°58	26°44	0°45	20°D 7	21°24	2°39	23°11	M 7
T 8	7 10 13	17°51'56	5♈ 0	15°34	21°38	29° 9	20°15	5°29	29° 2	26°42	0°46	20° 8	21°21	2°46	23°10	T 8
W 9	7 14 10	18°53'05	16°48	17°12	22°51	29°37	20°28	5°26	29° 5	26°40	0°47	20°R 8	21°18	2°52	23° 8	W 9
T 10	7 18 6	19°54'13	28°41	18°50	24° 5	0♉ 5	20°41	5°23	29° 9	26°39	0°48	20° 8	21°14	2°59	23° 7	T 10
F 11	7 22 3	20°55'20	10♉46	20°29	25°18	0°34	20°55	5°20	29°12	26°37	0°49	20° 6	21°11	3° 6	23° 5	F 11
S 12	7 25 59	21°56'27	23° 6	22° 8	26°32	1° 2	21° 8	5°18	29°16	26°36	0°49	20° 1	21° 8	3°12	23° 4	S 12
S 13	7 29 56	22°57'33	5♊47	23°48	27°45	1°31	21°22	5°15	29°19	26°34	0°50	19°54	21° 5	3°19	23° 3	S 13
M14	7 33 53	23°58'38	18°49	25°29	28°58	2° 0	21°35	5°13	29°22	26°33	0°51	19°46	21° 2	3°26	23° 2	M14
T 15	7 37 49	24°59'43	2♋16	27° 9	0♓12	2°30	21°49	5°10	29°26	26°31	0°52	19°36	20°59	3°32	23° 0	T 15
W16	7 41 46	26° 0'47	16° 4	28°51	1°25	2°59	22° 3	5° 8	29°29	26°30	0°52	19°26	20°55	3°39	22°59	W16
T 17	7 45 42	27° 1'50	0♌10	0♒33	2°38	3°29	22°16	5° 6	29°32	26°29	0°53	19°18	20°52	3°46	22°58	T 17
F 18	7 49 39	28° 2'52	14°31	2°15	3°51	3°59	22°30	5° 4	29°36	26°27	0°53	19°11	20°49	3°52	22°58	F 18
S 19	7 53 35	29° 3'54	28°58	3°58	5° 4	4°29	22°44	5° 2	29°39	26°26	0°54	19° 7	20°46	3°59	22°57	S 19
S 20	7 57 32	0♒ 4'55	13♍28	5°42	6°17	4°59	22°58	5° 0	29°42	26°24	0°54	19°D 5	20°43	4° 5	22°56	S 20
M21	8 1 28	1° 5'56	27°54	7°25	7°30	5°30	23°12	4°59	29°45	26°23	0°55	19° 5	20°40	4°12	22°55	M21
T 22	8 5 25	2° 6'56	12♎13	9°10	8°42	6° 0	23°26	4°57	29°49	26°22	0°55	19° 7	20°36	4°19	22°55	T 22
W23	8 9 22	3° 7'55	26°23	10°54	9°55	6°31	23°40	4°56	29°52	26°20	0°56	19° 8	20°33	4°25	22°54	W23
T 24	8 13 18	4° 8'54	10♏23	12°39	11° 8	7° 2	23°54	4°54	29°55	26°19	0°56	19°R 8	20°30	4°32	22°54	T 24
F 25	8 17 15	5° 9'52	24°11	14°24	12°20	7°33	24° 8	4°53	29°58	26°18	0°56	19° 6	20°27	4°39	22°53	F 25
S 26	8 21 11	6°10'50	7♐49	16° 9	13°33	8° 4	24°22	4°52	0♑ 1	26°17	0°57	19° 2	20°24	4°45	22°53	S 26
S 27	8 25 8	7°11'47	21°14	17°54	14°45	8°35	24°36	4°51	0° 4	26°15	0°57	18°57	20°20	4°52	22°52	S 27
M28	8 29 4	8°12'43	4♑28	19°39	15°58	9° 7	24°50	4°50	0° 7	26°14	0°57	18°50	20°17	4°59	22°52	M28
T 29	8 33 1	9°13'38	17°28	21°23	17°10	9°39	25° 4	4°49	0°10	26°13	0°57	18°42	20°14	5° 5	22°52	T 29
W30	8 36 57	10°14'33	0♒16	23° 6	18°22	10°10	25°18	4°48	0°13	26°12	0°57	18°35	20°11	5°12	22°D52	W30
T 31	8 40 54	11♒15'26	12♒50	24♒49	19♓34	10♉42	25♒33	4♊48	0♑16	26♊11	0♏57	18♍29	20♍ 8	5♈19	22♉52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	18s25	4n48	24s44	1s20	18s38	1s47	10n53	0n54	16s 3	0s51	19n30	1s50	23s40	0s12	22n12	1s14	3n53	16n37	3n40	3n17	0s 3	15n11	3s35
W 2	22 57	17 28	4 19	24 45	1 25	18 17	1 47	11 3	0 55	15 59	0 51	19 30	1 50	23 40	0 12	22 12	1 14	3 54	16 38	3 45	3 19	0 1	15 10	3 34
T 3	22 51	15 39	3 38	24 45	1 29	17 54	1 46	11 14	0 56	15 55	0 51	19 29	1 50	23 40	0 12	22 12	1 14	3 54	16 38	3 49	3 20	0n 1	15 10	3 34
F 4	22 45	13 7	2 47	24 43	1 34	17 31	1 46	11 25	0 57	15 51	0 51	19 29	1 50	23 40	0 12	22 12	1 14	3 54	16 39	3 52	3 21	0 2	15 9	3 34
S 5	22 39	10 3	1 49	24 40	1 38	17 8	1 45	11 35	0 58	15 46	0 51	19 28	1 50	23 40	0 12	22 12	1 14	3 54	16 39	3 54	3 22	0 4	15 9	3 34
S 6	22 32	6 37	0 47	24 36	1 42	16 44	1 44	11 46	0 59	15 42	0 51	19 28	1 49	23 40	0 12	22 12	1 14	3 54	16 40	3 55	3 24	0 6	15 9	3 34
M 7	22 24	2 57	0s16	24 30	1 46	16 20	1 43	11 57	1 0	15 38	0 51	19 28	1 49	23 40	0 12	22 12	1 14	3 54	16 41	3 55	3 25	0 8	15 8	3 34
T 8	22 17	0n47	1 19	24 22	1 49	15 56	1 42	12 8	1 1	15 34	0 51	19 27	1 49	23 40	0 12	22 12	1 14	3 55	16 41	3 55	3 26	0 10	15 8	3 34
W 9	22 8	4 29	2 18	24 13	1 52	15 31	1 41	12 19	1 2	15 30	0 51	19 27	1 49	23 40	0 12	22 12	1 14	3 55	16 42	3 55	3 27	0 12	15 8	3 34
T 10	22 0	8 2	3 11	24 3	1 55	15 5	1 40	12 29	1 2	15 25	0 51	19 27	1 48	23 40	0 12	22 12	1 14	3 55	16 42	3 55	3 29	0 13	15 8	3 34
F 11	21 50	11 19	3 57	23 51	1 58	14 39	1 39	12 40	1 3	15 21	0 51	19 27	1 48	23 40	0 12	22 12	1 14	3 55	16 43	3 56	3 30	0 15	15 7	3 33
S 12	21 41	14 10	4 33	23 37	2 0	14 13	1 38	12 51	1 4	15 17	0 51	19 26	1 48	23 40	0 12	22 12	1 14	3 55	16 43	3 58	3 31	0 17	15 7	3 33
S 13	21 31	16 26	4 57	23 22	2 2	13 47	1 36	13 2	1 5	15 12	0 51	19 26	1 48	23 40	0 12	22 12	1 14	3 56	16 44	4 0	3 32	0 19	15 7	3 33
M14	21 20	17 55	5 6	23 6	2 3	13 20	1 35	13 13	1 6	15 8	0 51	19 26	1 48	23 40	0 12	22 12	1 13	3 56	16 44	4 4	3 34	0 21	15 7	3 33
T 15	21 10	18 29	4 58	22 47	2 4	12 52	1 33	13 24	1 6	15 4	0 51	19 26	1 47	23 40	0 12	22 12	1 13	3 56	16 45	4 7	3 35	0 23	15 7	3 33
W16	20 58	17 58	4 34	22 27	2 5	12 25	1 32	13 35	1 7	14 59	0 51	19 26	1 47	23 40	0 12	22 12	1 13	3 57	16 45	4 11	3 36	0 25	15 7	3 33
T 17	20 47	16 21	3 52	22 6	2 5	11 57	1 30	13 46	1 8	14 55	0 51	19 26	1 47	23 40	0 12	22 12	1 13	3 57	16 46	4 15	3 37	0 26	15 6	3 33
F 18	20 35	13 42	2 55	21 43	2 5	11 29	1 28	13 56	1 9	14 50	0 51	19 25	1 47	23 40	0 12	22 12	1 13	3 57	16 46	4 17	3 39	0 28	15 6	3 33
S 19	20 22	10 11	1 46	21 18	2 4	11 0	1 26	14 7	1 9	14 46	0 51	19 25	1 46	23 40	0 12	22 12	1 13	3 58	16 47	4 19	3 40	0 30	15 6	3 33
S 20	20 10	6 3	0 30	20 52	2 3	10 32	1 24	14 18	1 10	14 41	0 51	19 25	1 46	23 40	0 12	22 12	1 13	3 58	16 48	4 19	3 41	0 32	15 6	3 32
M21	19 56	1 34	0n47	20 24	2 2	10 3	1 22	14 29	1 11	14 37	0 51	19 25	1 46	23 40	0 12	22 12	1 13	3 58	16 48	4 19	3 42	0 34	15 6	3 32
T 22	19 43	2s58	2 2	19 55	2 0	9 33	1 20	14 40	1 11	14 32	0 51	19 25	1 46	23 40	0 12	22 12	1 13	3 59	16 49	4 19	3 44	0 36	15 6	3 32
W23	19 29	7 17	3 8	19 24	1 57	9 4	1 18	14 51	1 12	14 27	0 51	19 25	1 45	23 40	0 12	22 12	1 13	3 59	16 49	4 19	3 45	0 38	15 6	3 32
T 24	19 15	11 7	4 2	18 51	1 54	8 34	1 16	15 1	1 13	14 23	0 51	19 25	1 45	23 40	0 12	22 12	1 13	4 0	16 50	4 19	3 46	0 39	15 6	3 32
F 25	19 0	14 18	4 41	18 17	1 50	8 4	1 13	15 12	1 13	14 18	0 51	19 25	1 45	23 40	0 12	22 12	1 13	4 0	16 50	4 19	3 47	0 41	15 6	3 32
S 26	18 45	16 39	5 4	17 41	1 45	7 34	1 11	15 23	1 14	14 13	0 51	19 25	1 45	23 40	0 12	22 12	1 13	4 0	16 51	4 21	3 49	0 43	15 6	3 32
S 27	18 30	18 2	5 9	17 5	1 40	7 4	1 8	15 33	1 14	14 9	0 51	19 25	1 44	23 40	0 12	22 12	1 13	4 1	16 51	4 23	3 50	0 45	15 6	3 31
M28	18 14	18 26	4 58	16 26	1 34	6 33	1 6	15 44	1 15	14 4	0 51	19 25	1 44	23 40	0 12	22 12	1 13	4 1	16 52	4 26	3 51	0 47	15 6	3 31
T 29	17 58	17 50	4 32	15 47	1 28	6 3	1 3	15 55	1 15	13 59	0 51	19 26	1 44	23 40	0 12	22 12	1 13	4 2	16 53	4 28	3 52	0 49	15 6	3 31
W30	17 42	16 20	3 52	15 6	1 21	5 32	1 0	16 5	1 16	13 55	0 51	19 26	1 43	23 40	0 12	22 12	1 13	4 2	16 53	4 31	3 54	0 50	15 7	3 31
T 31	17s25	14s 5	3n 2	14s25	1s13	5s 1	0s58	16n16	1n16	13s50	0s51	19n26	1s43	23s40	0s12	22n12	1s13	4n 3	16n54	4n34	3n55	0n52	15n 7	3s31

Julian Day Number = 2355486.5, Delta T = 12.54 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'07, Lahiri = 20°11'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

FEBRUARY 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 51	12♒16'18	25♒11	26♒30	20♓46	11♉14	25♒47	4°R47	0♊19	26°R10	0♏57	18°R25	20♍ 5	5♈25	22♉52	F 1
S 2	8 48 47	13°17'08	7♓20	28°10	21°58	11°46	26° 1	4♊47	0°22	26♊ 9	0°R57	18♍23	20° 1	5°32	22°52	S 2
S 3	8 52 44	14°17'57	19°18	29°48	23°10	12°19	26°15	4°47	0°25	26° 8	0°57	18°D22	19°58	5°39	22°52	S 3
M 4	8 56 40	15°18'45	1♈10	1♓23	24°22	12°51	26°30	4°47	0°28	26° 7	0°57	18°23	19°55	5°45	22°53	M 4
T 5	9 0 37	16°19'32	12°57	2°55	25°33	13°24	26°44	4°D47	0°31	26° 6	0°57	18°24	19°52	5°52	22°53	T 5
W 6	9 4 33	17°20'17	24°45	4°24	26°45	13°56	26°58	4°47	0°33	26° 5	0°57	18°26	19°49	5°59	22°54	W 6
T 7	9 8 30	18°21'00	6♉38	5°48	27°56	14°29	27°13	4°47	0°36	26° 4	0°57	18°28	19°46	6° 5	22°54	T 7
F 8	9 12 26	19°21'41	18°41	7° 8	29° 8	15° 2	27°27	4°47	0°39	26° 3	0°57	18°R28	19°42	6°12	22°55	F 8
S 9	9 16 23	20°22'22	0♊58	8°22	0♈19	15°35	27°41	4°48	0°41	26° 2	0°57	18°28	19°39	6°18	22°55	S 9
S 10	9 20 20	21°23'00	13°36	9°30	1°30	16° 8	27°56	4°48	0°44	26° 1	0°56	18°26	19°36	6°25	22°56	S 10
M11	9 24 16	22°23'37	26°37	10°30	2°41	16°41	28°10	4°49	0°47	26° 0	0°56	18°23	19°33	6°32	22°57	M11
T 12	9 28 13	23°24'12	10♋ 4	11°23	3°52	17°14	28°25	4°50	0°49	26° 0	0°56	18°19	19°30	6°38	22°58	T 12
W13	9 32 9	24°24'45	23°57	12° 8	5° 3	17°48	28°39	4°51	0°52	25°59	0°55	18°16	19°26	6°45	22°59	W13
T 14	9 36 6	25°25'16	8♌15	12°43	6°13	18°21	28°54	4°52	0°54	25°58	0°55	18°12	19°23	6°52	23° 0	T 14
F 15	9 40 2	26°25'46	22°52	13° 9	7°24	18°54	29° 8	4°53	0°57	25°58	0°54	18°10	19°20	6°58	23° 1	F 15
S 16	9 43 59	27°26'14	7♍42	13°25	8°34	19°28	29°23	4°54	0°59	25°57	0°54	18° 9	19°17	7° 5	23° 2	S 16
S 17	9 47 55	28°26'41	22°38	13°R31	9°45	20° 2	29°37	4°56	1° 1	25°56	0°53	18°D 8	19°14	7°12	23° 3	S 17
M18	9 51 52	29°27'06	7♎31	13°27	10°55	20°35	29°51	4°57	1° 4	25°56	0°53	18° 9	19°11	7°18	23° 4	M18
T 19	9 55 48	0♓27'30	22°14	13°13	12° 5	21° 9	0♓ 6	4°59	1° 6	25°55	0°52	18°10	19° 7	7°25	23° 6	T 19
W20	9 59 45	1°27'52	6♏43	12°49	13°15	21°43	0°20	5° 0	1° 8	25°55	0°52	18°11	19° 4	7°32	23° 7	W20
T 21	10 3 42	2°28'13	20°53	12°17	14°24	22°17	0°35	5° 2	1°10	25°54	0°51	18°12	19° 1	7°38	23° 8	T 21
F 22	10 7 38	3°28'32	4♐43	11°36	15°34	22°51	0°49	5° 4	1°13	25°54	0°50	18°R13	18°58	7°45	23°10	F 22
S 23	10 11 35	4°28'51	18°14	10°48	16°43	23°25	1° 4	5° 6	1°15	25°53	0°50	18°12	18°55	7°52	23°12	S 23
S 24	10 15 31	5°29'07	1♑26	9°54	17°52	23°59	1°18	5° 8	1°17	25°53	0°49	18°11	18°51	7°58	23°13	S 24
M25	10 19 28	6°29'23	14°22	8°56	19° 2	24°34	1°33	5°10	1°19	25°53	0°48	18°10	18°48	8° 5	23°15	M25
T 26	10 23 24	7°29'36	27° 3	7°54	20°11	25° 8	1°47	5°13	1°21	25°52	0°47	18° 8	18°45	8°12	23°17	T 26
W27	10 27 21	8°29'48	9♒30	6°52	21°19	25°42	2° 1	5°15	1°23	25°52	0°47	18° 7	18°42	8°18	23°19	W27
T 28	10 31 17	9♓29'58	21♒46	5♓49	22♈28	26♉17	2♓16	5♊18	1♑24	25♊52	0♏46	18♍ 6	18♍39	8♈25	23♉21	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 8	11s13	2n 3	13s42	1s 4	4s30	0s55	16n26	1n17	13s45	0s51	19n26	1s43	23s40	0s12	22n12	1s13	4n 3	16n54	4n35	3n56	0n54	15n 7	3s31
S 2	16 51	7 54	1 0	12 59	0 55	3 59	0 52	16 37	1 17	13 40	0 51	19 26	1 43	23 40	0 12	22 12	1 13	4 4	16 55	4 36	3 57	0 56	15 7	3 31
S 3	16 34	4 19	0s 5	12 15	0 45	3 28	0 49	16 47	1 18	13 35	0 51	19 26	1 42	23 40	0 12	22 12	1 13	4 4	16 55	4 36	3 59	0 58	15 7	3 30
M 4	16 16	0 36	1 10	11 31	0 34	2 56	0 45	16 58	1 18	13 30	0 51	19 27	1 42	23 40	0 12	22 12	1 13	4 5	16 56	4 36	4 0	1 0	15 7	3 30
T 5	15 58	3n 7	2 11	10 47	0 22	2 25	0 42	17 8	1 19	13 26	0 52	19 27	1 42	23 40	0 12	22 12	1 13	4 5	16 56	4 36	4 1	1 2	15 8	3 30
W 6	15 40	6 42	3 7	10 3	0 10	1 53	0 39	17 18	1 19	13 21	0 52	19 27	1 42	23 40	0 12	22 12	1 13	4 6	16 57	4 35	4 2	1 3	15 8	3 30
T 7	15 21	10 3	3 55	9 20	0n 4	1 22	0 36	17 28	1 20	13 16	0 52	19 28	1 41	23 40	0 12	22 12	1 13	4 6	16 58	4 34	4 4	1 5	15 8	3 30
F 8	15 2	13 1	4 33	8 38	0 17	0 50	0 32	17 38	1 20	13 11	0 52	19 28	1 41	23 40	0 12	22 12	1 13	4 7	16 58	4 34	4 5	1 7	15 8	3 30
S 9	14 43	15 29	5 0	7 57	0 32	0 19	0 29	17 48	1 20	13 6	0 52	19 28	1 41	23 40	0 12	22 12	1 13	4 8	16 59	4 34	4 6	1 9	15 9	3 30
S 10	14 24	17 17	5 13	7 18	0 47	0n13	0 25	17 58	1 21	13 1	0 52	19 29	1 41	23 40	0 12	22 12	1 12	4 8	16 59	4 35	4 7	1 11	15 9	3 29
M11	14 4	18 14	5 11	6 41	1 2	0 44	0 22	18 8	1 21	12 56	0 52	19 29	1 40	23 40	0 12	22 12	1 12	4 9	17 0	4 36	4 9	1 13	15 9	3 29
T 12	13 44	18 14	4 52	6 6	1 18	1 16	0 18	18 18	1 21	12 51	0 52	19 29	1 40	23 40	0 12	22 12	1 12	4 9	17 0	4 37	4 10	1 15	15 10	3 29
W13	13 24	17 9	4 16	5 35	1 34	1 47	0 14	18 28	1 22	12 46	0 52	19 30	1 40	23 40	0 12	22 12	1 12	4 10	17 1	4 39	4 11	1 16	15 10	3 29
T 14	13 4	14 58	3 23	5 7	1 49	2 19	0 11	18 38	1 22	12 41	0 52	19 30	1 40	23 40	0 12	22 12	1 12	4 11	17 1	4 40	4 12	1 18	15 11	3 29
F 15	12 43	11 47	2 15	4 42	2 5	2 50	0 7	18 47	1 22	12 36	0 52	19 31	1 39	23 40	0 12	22 12	1 12	4 11	17 2	4 41	4 14	1 20	15 11	3 29
S 16	12 23	7 48	0 57	4 22	2 20	3 22	0 3	18 57	1 23	12 31	0 52	19 31	1 39	23 40	0 12	22 12	1 12	4 12	17 2	4 42	4 15	1 22	15 11	3 29
S 17	12 2	3 18	0n25	4 6	2 35	3 53	0n 1	19 6	1 23	12 26	0 52	19 32	1 39	23 40	0 12	22 12	1 12	4 12	17 3	4 42	4 16	1 24	15 12	3 28
M18	11 41	1s23	1 45	3 55	2 49	4 24	0 5	19 16	1 23	12 21	0 52	19 32	1 38	23 40	0 12	22 12	1 12	4 13	17 3	4 41	4 17	1 26	15 12	3 28
T 19	11 20	5 55	2 58	3 49	3 2	4 55	0 9	19 25	1 23	12 16	0 52	19 33	1 38	23 40	0 12	22 12	1 12	4 14	17 4	4 41	4 19	1 28	15 13	3 28
W20	10 58	10 2	3 58	3 47	3 13	5 26	0 13	19 34	1 24	12 11	0 52	19 33	1 38	23 40	0 12	22 12	1 12	4 14	17 4	4 41	4 20	1 29	15 13	3 28
T 21	10 36	13 28	4 42	3 50	3 23	5 57	0 17	19 43	1 24	12 6	0 52	19 34	1 38	23 40	0 12	22 13	1 12	4 15	17 5	4 40	4 21	1 31	15 14	3 28
F 22	10 15	16 3	5 8	3 58	3 31	6 28	0 21	19 52	1 24	12 1	0 52	19 34	1 37	23 40	0 12	22 13	1 12	4 16	17 5	4 40	4 22	1 33	15 14	3 28
S 23	9 53	17 41	5 17	4 11	3 37	6 58	0 26	20 1	1 24	11 56	0 52	19 35	1 37	23 40	0 12	22 13	1 12	4 16	17 6	4 40	4 24	1 35	15 15	3 28
S 24	9 31	18 19	5 9	4 27	3 41	7 29	0 30	20 10	1 25	11 51	0 53	19 36	1 37	23 40	0 13	22 13	1 12	4 17	17 6	4 41	4 25	1 37	15 15	3 27
M25	9 9	17 59	4 45	4 47	3 43	7 59	0 34	20 18	1 25	11 46	0 53	19 36	1 37	23 40	0 13	22 13	1 12	4 18	17 7	4 41	4 26	1 39	15 16	3 27
T 26	8 46	16 44	4 7	5 10	3 43	8 29	0 38	20 27	1 25	11 40	0 53	19 37	1 36	23 40	0 13	22 13	1 12	4 19	17 7	4 42	4 27	1 41	15 16	3 27
W27	8 24	14 43	3 18	5 35	3 41	8 59	0 43	20 35	1 25	11 35	0 53	19 38	1 36	23 40	0 13	22 13	1 12	4 19	17 8	4 42	4 29	1 42	15 17	3 27
T 28	8s 1	12s 3	2n21	6s 2	3n36	9n29	0n47	20n44	1n26	11s30	0s53	19n38	1s36	23s40	0s13	22n13	1s12	4n20	17n 8	4n43	4n30	1n44	15n18	3s27

Julian Day Number = 2355517.5, Delta T = 12.56 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'12, Lahiri = 20°11'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

MARCH 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 14	10♓30'07	3♓53	4°R48	23♈36	26♉51	2♓30	5♊20	1♑26	25°R52	0°R45	18°R 5	18♍36	8♈32	23♉23	F 1
S 2	10 39 11	11°30'13	15°52	3♓50	24°45	27°26	2°45	5°23	1°28	25♊51	0♏44	18°D 5	18°32	8°38	23°25	S 2
S 3	10 43 7	12°30'18	27°44	2°55	25°53	28° 1	2°59	5°26	1°30	25°51	0°43	18♍ 5	18°29	8°45	23°27	S 3
M 4	10 47 4	13°30'21	9♈33	2° 6	27° 1	28°35	3°13	5°29	1°32	25°51	0°42	18° 5	18°26	8°51	23°29	M 4
T 5	10 51 0	14°30'21	21°21	1°21	28° 8	29°10	3°28	5°32	1°33	25°51	0°41	18° 5	18°23	8°58	23°31	T 5
W 6	10 54 57	15°30'20	3♉10	0°43	29°16	29°45	3°42	5°35	1°35	25°51	0°40	18° 6	18°20	9° 5	23°33	W 6
T 7	10 58 53	16°30'16	15° 4	0°11	0♉23	0♊20	3°56	5°39	1°36	25°D51	0°39	18° 6	18°17	9°11	23°36	T 7
F 8	11 2 50	17°30'11	27° 7	29♒46	1°30	0°55	4°11	5°42	1°38	25°51	0°38	18° 6	18°13	9°18	23°38	F 8
S 9	11 6 46	18°30'03	9♊23	29°27	2°37	1°30	4°25	5°45	1°39	25°51	0°37	18°R 6	18°10	9°25	23°41	S 9
S 10	11 10 43	19°29'53	21°56	29°15	3°44	2° 5	4°39	5°49	1°41	25°51	0°36	18°D 6	18° 7	9°31	23°43	S 10
M11	11 14 40	20°29'41	4♋50	29°D 9	4°51	2°40	4°53	5°53	1°42	25°51	0°34	18° 6	18° 4	9°38	23°46	M11
T 12	11 18 36	21°29'26	18°10	29°10	5°57	3°15	5° 7	5°56	1°43	25°51	0°33	18° 7	18° 1	9°45	23°48	T 12
W13	11 22 33	22°29'09	1♌56	29°16	7° 3	3°50	5°22	6° 0	1°45	25°52	0°32	18° 7	17°57	9°51	23°51	W13
T 14	11 26 29	23°28'50	16°10	29°28	8° 9	4°25	5°36	6° 4	1°46	25°52	0°31	18° 7	17°54	9°58	23°54	T 14
F 15	11 30 26	24°28'29	0♍48	29°45	9°14	5° 0	5°50	6° 8	1°47	25°52	0°29	18° 8	17°51	10° 5	23°57	F 15
S 16	11 34 22	25°28'05	15°45	0♓ 8	10°19	5°36	6° 4	6°12	1°48	25°52	0°28	18°R 8	17°48	10°11	24° 0	S 16
S 17	11 38 19	26°27'39	0♎54	0°35	11°24	6°11	6°18	6°16	1°49	25°53	0°27	18° 8	17°45	10°18	24° 2	S 17
M18	11 42 15	27°27'12	16° 6	1° 7	12°29	6°46	6°32	6°21	1°50	25°53	0°26	18° 7	17°42	10°25	24° 5	M18
T 19	11 46 12	28°26'42	1♏11	1°43	13°33	7°22	6°46	6°25	1°51	25°53	0°24	18° 6	17°38	10°31	24° 8	T 19
W20	11 50 9	29°26'11	16° 0	2°23	14°38	7°57	7° 0	6°30	1°52	25°54	0°23	18° 5	17°35	10°38	24°12	W20
T 21	11 54 5	0♈25'37	0♐28	3° 7	15°41	8°32	7°14	6°34	1°53	25°54	0°21	18° 4	17°32	10°45	24°15	T 21
F 22	11 58 2	1°25'02	14°30	3°54	16°45	9° 8	7°28	6°39	1°54	25°55	0°20	18° 3	17°29	10°51	24°18	F 22
S 23	12 1 58	2°24'26	28° 6	4°45	17°48	9°43	7°41	6°44	1°54	25°55	0°19	18°D 2	17°26	10°58	24°21	S 23
S 24	12 5 55	3°23'47	11♑17	5°39	18°51	10°19	7°55	6°48	1°55	25°56	0°17	18° 2	17°22	11° 5	24°24	S 24
M25	12 9 51	4°23'07	24° 6	6°36	19°54	10°55	8° 9	6°53	1°56	25°57	0°16	18° 3	17°19	11°11	24°28	M25
T 26	12 13 48	5°22'25	6♒36	7°36	20°56	11°30	8°23	6°58	1°56	25°57	0°14	18° 4	17°16	11°18	24°31	T 26
W27	12 17 44	6°21'41	18°51	8°38	21°58	12° 6	8°36	7° 3	1°57	25°58	0°13	18° 6	17°13	11°25	24°34	W27
T 28	12 21 41	7°20'55	0♓55	9°43	23° 0	12°42	8°50	7° 8	1°57	25°59	0°11	18° 7	17°10	11°31	24°38	T 28
F 29	12 25 37	8°20'08	12°51	10°51	24° 1	13°17	9° 3	7°14	1°58	25°59	0°10	18°R 8	17° 7	11°38	24°41	F 29
S 30	12 29 34	9°19'18	24°41	12° 0	25° 2	13°53	9°17	7°19	1°58	26° 0	0° 8	18° 8	17° 3	11°44	24°45	S 30
S 31	12 33 31	10♈18'26	6♈30	13♓12	26♉ 2	14♊29	9♓30	7♊24	1♑59	26♊ 1	0♏ 7	18♍ 7	17♍ 0	11♈51	24♉48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s38	8s53	1n18	6s30	3n30	9n58	0n51	20n52	1n26	11s25	0s53	19n39	1s36	23s40	0s13	22n13	1s12	4n21	17n 8	4n43	4n31	1n46	15n18	3s27
S 2	7 16	5 24	0 12	6 59	3 22	10 28	0 56	21 0	1 26	11 20	0 53	19 40	1 35	23 40	0 13	22 13	1 12	4 21	17 9	4 43	4 32	1 48	15 19	3 27
S 3	6 53	1 43	0s53	7 27	3 12	10 57	1 0	21 8	1 26	11 15	0 53	19 41	1 35	23 40	0 13	22 13	1 11	4 22	17 9	4 43	4 34	1 50	15 20	3 26
M 4	6 30	2n 0	1 57	7 55	3 1	11 26	1 5	21 16	1 26	11 10	0 53	19 41	1 35	23 40	0 13	22 13	1 11	4 23	17 10	4 43	4 35	1 52	15 20	3 26
T 5	6 6	5 38	2 55	8 22	2 49	11 54	1 9	21 24	1 26	11 5	0 53	19 42	1 35	23 40	0 13	22 13	1 11	4 24	17 10	4 43	4 36	1 54	15 21	3 26
W 6	5 43	9 3	3 45	8 48	2 36	12 23	1 14	21 32	1 26	11 0	0 53	19 43	1 34	23 40	0 13	22 13	1 11	4 24	17 11	4 43	4 37	1 55	15 22	3 26
T 7	5 20	12 7	4 27	9 12	2 22	12 51	1 18	21 39	1 27	10 54	0 53	19 44	1 34	23 40	0 13	22 13	1 11	4 25	17 11	4 43	4 39	1 57	15 22	3 26
F 8	4 57	14 43	4 57	9 34	2 8	13 18	1 23	21 47	1 27	10 49	0 54	19 45	1 34	23 40	0 13	22 13	1 11	4 26	17 11	4 43	4 40	1 59	15 23	3 26
S 9	4 33	16 42	5 14	9 54	1 54	13 46	1 27	21 54	1 27	10 44	0 54	19 45	1 34	23 40	0 13	22 13	1 11	4 26	17 12	4 43	4 41	2 1	15 24	3 26
S 10	4 10	17 57	5 17	10 12	1 39	14 13	1 32	22 1	1 27	10 39	0 54	19 46	1 33	23 40	0 13	22 13	1 11	4 27	17 12	4 43	4 42	2 3	15 24	3 26
M11	3 46	18 18	5 5	10 27	1 25	14 40	1 36	22 9	1 27	10 34	0 54	19 47	1 33	23 40	0 13	22 13	1 11	4 28	17 13	4 43	4 44	2 5	15 25	3 26
T 12	3 23	17 41	4 36	10 41	1 10	15 7	1 41	22 16	1 27	10 29	0 54	19 48	1 33	23 40	0 13	22 13	1 11	4 29	17 13	4 42	4 45	2 7	15 26	3 25
W13	2 59	16 1	3 50	10 52	0 56	15 33	1 46	22 22	1 27	10 24	0 54	19 49	1 33	23 40	0 13	22 13	1 11	4 29	17 13	4 42	4 46	2 8	15 27	3 25
T 14	2 36	13 20	2 49	11 1	0 42	15 59	1 50	22 29	1 27	10 19	0 54	19 50	1 33	23 40	0 13	22 13	1 11	4 30	17 14	4 42	4 47	2 10	15 27	3 25
F 15	2 12	9 44	1 35	11 8	0 29	16 24	1 55	22 36	1 27	10 14	0 54	19 51	1 32	23 40	0 13	22 14	1 11	4 31	17 14	4 42	4 48	2 12	15 28	3 25
S 16	1 48	5 25	0 13	11 12	0 15	16 49	1 59	22 42	1 28	10 8	0 54	19 52	1 32	23 40	0 13	22 14	1 11	4 32	17 14	4 42	4 50	2 14	15 29	3 25
S 17	1 25	0 43	1n10	11 15	0 3	17 14	2 4	22 48	1 28	10 3	0 54	19 53	1 32	23 40	0 13	22 14	1 11	4 32	17 15	4 42	4 51	2 16	15 30	3 25
M18	1 1	4s 3	2 29	11 15	0s10	17 38	2 8	22 55	1 28	9 58	0 55	19 54	1 32	23 40	0 13	22 14	1 11	4 33	17 15	4 42	4 52	2 18	15 31	3 25
T 19	0 37	8 30	3 37	11 13	0 22	18 2	2 13	23 1	1 28	9 53	0 55	19 55	1 31	23 40	0 13	22 14	1 11	4 34	17 15	4 43	4 53	2 20	15 31	3 25
W20	0 13	12 21	4 29	11 9	0 33	18 26	2 17	23 6	1 28	9 48	0 55	19 56	1 31	23 40	0 13	22 14	1 11	4 35	17 15	4 43	4 55	2 21	15 32	3 25
T 21	0n10	15 21	5 2	11 4	0 44	18 49	2 22	23 12	1 28	9 43	0 55	19 57	1 31	23 40	0 13	22 14	1 11	4 35	17 16	4 44	4 56	2 23	15 33	3 24
F 22	0 34	17 20	5 17	10 56	0 54	19 12	2 26	23 18	1 28	9 38	0 55	19 58	1 31	23 40	0 13	22 14	1 11	4 36	17 16	4 44	4 57	2 25	15 34	3 24
S 23	0 58	18 15	5 12	10 47	1 4	19 34	2 30	23 23	1 28	9 33	0 55	19 59	1 30	23 40	0 13	22 14	1 11	4 37	17 16	4 44	4 58	2 27	15 35	3 24
S 24	1 21	18 9	4 52	10 36	1 14	19 56	2 35	23 29	1 28	9 28	0 55	20 0	1 30	23 40	0 13	22 14	1 10	4 37	17 17	4 44	5 0	2 29	15 36	3 24
M25	1 45	17 6	4 17	10 23	1 23	20 17	2 39	23 34	1 28	9 23	0 55	20 1	1 30	23 41	0 13	22 14	1 10	4 38	17 17	4 44	5 1	2 31	15 37	3 24
T 26	2 8	15 15	3 30	10 8	1 31	20 38	2 43	23 39	1 28	9 18	0 55	20 2	1 30	23 41	0 13	22 14	1 10	4 39	17 17	4 43	5 2	2 33	15 37	3 24
W27	2 32	12 44	2 35	9 52	1 39	20 59	2 48	23 44	1 28	9 13	0 56	20 3	1 30	23 41	0 13	22 14	1 10	4 40	17 17	4 43	5 3	2 34	15 38	3 24
T 28	2 55	9 42	1 34	9 34	1 46	21 19	2 52	23 48	1 28	9 8	0 56	20 4	1 29	23 41	0 13	22 14	1 10	4 40	17 18	4 42	5 5	2 36	15 39	3 24
F 29	3 19	6 18	0 29	9 15	1 53	21 38	2 56	23 53	1 28	9 3	0 56	20 5	1 29	23 41	0 13	22 14	1 10	4 41	17 18	4 42	5 6	2 38	15 40	3 24
S 30	3 42	2 40	0s36	8 54	1 59	21 57	3 0	23 57	1 28	8 58	0 56	20 6	1 29	23 41	0 13	22 14	1 10	4 42	17 18	4 42	5 7	2 40	15 41	3 24
S 31	4n 5	1n 3	1s40	8s32	2s 5	22n16	3n 4	24n 1	1n28	8s53	0s56	20n 7	1s29	23s41	0s13	22n15	1s10	4n42	17n18	4n42	5n 8	2n42	15n42	3s24

Julian Day Number = 2355545.5, Delta T = 12.57 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'15, Lahiri = 20°11'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

APRIL 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 27	11♈17'32	18♈18	14♓26	27♉ 3	15♊ 5	9♓44	7♊30	1♑59	26♊ 2	0°R 5	18°R 4	16♍57	11♈58	24♉52	M 1
T 2	12 41 24	12°16'37	0♉ 7	15°42	28° 2	15°40	9°57	7°35	1°59	26° 2	0♏ 3	18♍ 1	16°54	12° 4	24°56	T 2
W 3	12 45 20	13°15'39	12° 1	17° 1	29° 2	16°16	10°10	7°41	1°59	26° 3	0° 2	17°57	16°51	12°11	24°59	W 3
T 4	12 49 17	14°14'39	24° 0	18°21	0♊ 0	16°52	10°23	7°46	1°59	26° 4	0° 0	17°52	16°48	12°18	25° 3	T 4
F 5	12 53 13	15°13'36	6♊ 8	19°42	0°59	17°28	10°37	7°52	1°59	26° 5	29♎59	17°48	16°44	12°24	25° 7	F 5
S 6	12 57 10	16°12'32	18°27	21° 6	1°57	18° 4	10°50	7°58	1°R59	26° 6	29°57	17°44	16°41	12°31	25°11	S 6
S 7	13 1 6	17°11'25	1♋ 1	22°32	2°54	18°40	11° 3	8° 4	1°59	26° 7	29°55	17°42	16°38	12°38	25°15	S 7
M 8	13 5 3	18°10'16	13°52	23°59	3°51	19°16	11°16	8°10	1°59	26° 8	29°54	17°D40	16°35	12°44	25°19	M 8
T 9	13 9 0	19° 9'05	27° 4	25°28	4°48	19°52	11°29	8°16	1°59	26° 9	29°52	17°41	16°32	12°51	25°23	T 9
W10	13 12 56	20° 7'51	10♌39	26°58	5°43	20°28	11°42	8°22	1°59	26°10	29°50	17°42	16°28	12°58	25°27	W10
T 11	13 16 53	21° 6'35	24°40	28°31	6°39	21° 4	11°54	8°28	1°59	26°12	29°49	17°43	16°25	13° 4	25°31	T 11
F 12	13 20 49	22° 5'17	9♍ 6	0♈ 5	7°34	21°40	12° 7	8°34	1°58	26°13	29°47	17°44	16°22	13°11	25°35	F 12
S 13	13 24 46	23° 3'56	23°55	1°40	8°28	22°16	12°20	8°40	1°58	26°14	29°45	17°R45	16°19	13°18	25°39	S 13
S 14	13 28 42	24° 2'34	9♎ 0	3°18	9°21	22°52	12°32	8°47	1°58	26°15	29°44	17°43	16°16	13°24	25°43	S 14
M15	13 32 39	25° 1'09	24°14	4°56	10°14	23°29	12°45	8°53	1°57	26°16	29°42	17°40	16°13	13°31	25°47	M15
T 16	13 36 35	25°59'43	9♏27	6°37	11° 6	24° 5	12°57	8°59	1°57	26°18	29°40	17°35	16° 9	13°38	25°51	T 16
W17	13 40 32	26°58'14	24°28	8°19	11°58	24°41	13°10	9° 6	1°56	26°19	29°39	17°29	16° 6	13°44	25°55	W17
T 18	13 44 29	27°56'44	9♐ 8	10° 3	12°49	25°17	13°22	9°12	1°56	26°20	29°37	17°23	16° 3	13°51	25°59	T 18
F 19	13 48 25	28°55'12	23°23	11°49	13°39	25°53	13°34	9°19	1°55	26°22	29°35	17°18	16° 0	13°58	26° 4	F 19
S 20	13 52 22	29°53'39	7♑ 8	13°36	14°28	26°29	13°46	9°25	1°54	26°23	29°33	17°14	15°57	14° 4	26° 8	S 20
S 21	13 56 18	0♉52'04	20°25	15°25	15°17	27° 6	13°58	9°32	1°54	26°24	29°32	17°12	15°54	14°11	26°12	S 21
M22	14 0 15	1°50'27	3♒15	17°15	16° 5	27°42	14°10	9°39	1°53	26°26	29°30	17°D11	15°50	14°18	26°17	M22
T 23	14 4 11	2°48'49	15°44	19° 8	16°51	28°18	14°22	9°46	1°52	26°27	29°28	17°12	15°47	14°24	26°21	T 23
W24	14 8 8	3°47'09	27°55	21° 2	17°38	28°54	14°34	9°52	1°51	26°29	29°27	17°13	15°44	14°31	26°25	W24
T 25	14 12 4	4°45'28	9♓53	22°57	18°23	29°31	14°46	9°59	1°50	26°30	29°25	17°15	15°41	14°38	26°30	T 25
F 26	14 16 1	5°43'44	21°44	24°55	19° 7	0♋ 7	14°58	10° 6	1°49	26°32	29°23	17°R15	15°38	14°44	26°34	F 26
S 27	14 19 57	6°42'00	3♈31	26°54	19°50	0°43	15° 9	10°13	1°48	26°33	29°22	17°13	15°34	14°51	26°38	S 27
S 28	14 23 54	7°40'13	15°18	28°54	20°32	1°20	15°21	10°20	1°47	26°35	29°20	17° 9	15°31	14°58	26°43	S 28
M29	14 27 51	8°38'25	27° 7	0♉56	21°14	1°56	15°32	10°27	1°46	26°37	29°18	17° 3	15°28	15° 4	26°47	M29
T 30	14 31 47	9♉36'36	9♉ 2	3♉ 0	21♊54	2♋33	15♓43	10♊34	1♑45	26♊38	29♎17	16♍55	15♍25	15♈11	26♉52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n28	4n44	2s39	8s 8	2s10	22n34	3n 8	24n 6	1n28	8s48	0s56	20n 8	1s29	23s41	0s13	22n15	1s10	4n43	17n18	4n43	5n10	2n44	15n43	3s24
T 2	4 51	8 14	3 31	7 43	2 15	22 52	3 12	24 10	1 28	8 43	0 56	20 9	1 28	23 41	0 13	22 15	1 10	4 44	17 19	4 45	5 11	2 46	15 44	3 24
W 3	5 15	11 25	4 14	7 16	2 19	23 9	3 16	24 13	1 28	8 38	0 57	20 10	1 28	23 41	0 13	22 15	1 10	4 44	17 19	4 46	5 12	2 47	15 45	3 23
T 4	5 37	14 9	4 47	6 48	2 22	23 26	3 19	24 17	1 28	8 33	0 57	20 11	1 28	23 41	0 13	22 15	1 10	4 45	17 19	4 48	5 13	2 49	15 46	3 23
F 5	6 0	16 19	5 7	6 19	2 25	23 42	3 23	24 20	1 28	8 28	0 57	20 12	1 28	23 41	0 13	22 15	1 10	4 46	17 19	4 50	5 15	2 51	15 47	3 23
S 6	6 23	17 46	5 14	5 48	2 28	23 57	3 27	24 24	1 28	8 24	0 57	20 13	1 28	23 41	0 13	22 15	1 10	4 46	17 19	4 51	5 16	2 53	15 48	3 23
S 7	6 46	18 23	5 5	5 16	2 30	24 12	3 30	24 27	1 28	8 19	0 57	20 15	1 27	23 41	0 13	22 15	1 10	4 47	17 19	4 52	5 17	2 55	15 49	3 23
M 8	7 8	18 5	4 42	4 43	2 32	24 27	3 34	24 30	1 28	8 14	0 57	20 16	1 27	23 41	0 13	22 15	1 10	4 48	17 19	4 53	5 18	2 57	15 50	3 23
T 9	7 30	16 48	4 3	4 9	2 33	24 41	3 37	24 33	1 28	8 9	0 57	20 17	1 27	23 41	0 13	22 15	1 10	4 48	17 19	4 53	5 19	2 59	15 51	3 23
W10	7 53	14 33	3 9	3 33	2 33	24 54	3 40	24 35	1 28	8 4	0 58	20 18	1 27	23 41	0 13	22 15	1 10	4 49	17 20	4 52	5 21	3 0	15 52	3 23
T 11	8 15	11 23	2 3	2 56	2 33	25 7	3 43	24 38	1 28	8 0	0 58	20 19	1 27	23 41	0 13	22 15	1 10	4 50	17 20	4 52	5 22	3 2	15 52	3 23
F 12	8 37	7 26	0 47	2 18	2 33	25 19	3 47	24 40	1 28	7 55	0 58	20 20	1 26	23 41	0 13	22 15	1 10	4 50	17 20	4 51	5 23	3 4	15 53	3 23
S 13	8 59	2 56	0n34	1 39	2 32	25 31	3 50	24 42	1 28	7 50	0 58	20 21	1 26	23 41	0 13	22 16	1 10	4 51	17 20	4 51	5 24	3 6	15 54	3 23
S 14	9 20	1s50	1 53	0 59	2 30	25 43	3 52	24 44	1 28	7 46	0 58	20 23	1 26	23 41	0 14	22 16	1 9	4 52	17 20	4 52	5 26	3 8	15 55	3 23
M15	9 42	6 32	3 6	0 18	2 28	25 53	3 55	24 46	1 28	7 41	0 58	20 24	1 26	23 41	0 14	22 16	1 9	4 52	17 20	4 53	5 27	3 10	15 56	3 23
T 16	10 3	10 47	4 5	0n24	2 26	26 4	3 58	24 48	1 27	7 36	0 58	20 25	1 26	23 41	0 14	22 16	1 9	4 53	17 20	4 55	5 28	3 12	15 57	3 23
W17	10 24	14 17	4 46	1 7	2 23	26 13	4 0	24 49	1 27	7 32	0 59	20 26	1 26	23 41	0 14	22 16	1 9	4 53	17 20	4 57	5 29	3 13	15 58	3 23
T 18	10 45	16 47	5 7	1 51	2 19	26 22	4 3	24 50	1 27	7 27	0 59	20 27	1 25	23 41	0 14	22 16	1 9	4 54	17 20	4 59	5 31	3 15	15 59	3 23
F 19	11 6	18 10	5 9	2 36	2 15	26 31	4 5	24 52	1 27	7 23	0 59	20 28	1 25	23 41	0 14	22 16	1 9	4 54	17 20	5 1	5 32	3 17	16 0	3 23
S 20	11 27	18 25	4 52	3 22	2 10	26 39	4 7	24 53	1 27	7 18	0 59	20 29	1 25	23 41	0 14	22 16	1 9	4 55	17 20	5 3	5 33	3 19	16 1	3 23
S 21	11 47	17 38	4 20	4 9	2 5	26 47	4 9	24 53	1 27	7 14	0 59	20 31	1 25	23 41	0 14	22 16	1 9	4 56	17 20	5 4	5 34	3 21	16 2	3 23
M22	12 8	15 57	3 36	4 57	2 0	26 54	4 10	24 54	1 27	7 9	1 0	20 32	1 25	23 41	0 14	22 16	1 9	4 56	17 20	5 4	5 36	3 23	16 3	3 23
T 23	12 28	13 33	2 42	5 45	1 53	27 0	4 12	24 54	1 27	7 5	1 0	20 33	1 25	23 41	0 14	22 16	1 9	4 57	17 20	5 4	5 37	3 25	16 4	3 23
W24	12 48	10 36	1 43	6 34	1 47	27 6	4 13	24 55	1 27	7 0	1 0	20 34	1 24	23 41	0 14	22 16	1 9	4 57	17 20	5 3	5 38	3 26	16 5	3 23
T 25	13 7	7 16	0 40	7 23	1 40	27 11	4 15	24 55	1 27	6 56	1 0	20 35	1 24	23 41	0 14	22 16	1 9	4 58	17 20	5 3	5 39	3 28	16 6	3 23
F 26	13 27	3 39	0s24	8 14	1 32	27 16	4 16	24 55	1 27	6 52	1 0	20 36	1 24	23 41	0 14	22 17	1 9	4 58	17 20	5 3	5 40	3 30	16 7	3 23
S 27	13 46	0n 4	1 27	9 4	1 24	27 21	4 17	24 55	1 26	6 47	1 0	20 38	1 24	23 41	0 14	22 17	1 9	4 59	17 19	5 3	5 42	3 32	16 8	3 23
S 28	14 5	3 48	2 25	9 55	1 16	27 25	4 17	24 54	1 26	6 43	1 1	20 39	1 24	23 41	0 14	22 17	1 9	4 59	17 19	5 5	5 43	3 34	16 9	3 23
M29	14 24	7 23	3 18	10 46	1 7	27 28	4 18	24 54	1 26	6 39	1 1	20 40	1 24	23 41	0 14	22 17	1 9	4 59	17 19	5 7	5 44	3 36	16 10	3 23
T 30	14n43	10n42	4s 2	11n37	0s58	27n31	4n18	24n53	1n26	6s34	1s 1	20n41	1s24	23s41	0s14	22n17	1s 9	5n 0	17n19	5n10	5n45	3n38	16n11	3s23

Julian Day Number = 2355576.5, Delta T = 12.59 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'20, Lahiri = 20°11'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

MAY 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 44	10♉34'45	21♉ 4	5♉ 5	22♊33	3♋ 9	15♓54	10♊41	1°R44	26♊40	29°R15	16°R46	15♍22	15♈18	26♉56	W 1
T 2	14 39 40	11°32'51	3♊13	7°12	23°10	3°45	16° 6	10°48	1♑43	26°42	29♎13	16♍35	15°19	15°24	27° 1	T 2
F 3	14 43 37	12°30'57	15°32	9°19	23°47	4°22	16°17	10°56	1°41	26°43	29°12	16°25	15°15	15°31	27° 5	F 3
S 4	14 47 33	13°29'00	28° 1	11°28	24°22	4°58	16°27	11° 3	1°40	26°45	29°10	16°16	15°12	15°38	27°10	S 4
S 5	14 51 30	14°27'02	10♋43	13°37	24°56	5°35	16°38	11°10	1°39	26°47	29° 8	16°10	15° 9	15°44	27°15	S 5
M 6	14 55 26	15°25'01	23°38	15°47	25°29	6°11	16°49	11°17	1°37	26°48	29° 7	16° 5	15° 6	15°51	27°19	M 6
T 7	14 59 23	16°22'59	6♌50	17°58	26° 0	6°48	17° 0	11°25	1°36	26°50	29° 5	16° 3	15° 3	15°58	27°24	T 7
W 8	15 3 20	17°20'55	20°20	20° 9	26°30	7°24	17°10	11°32	1°34	26°52	29° 4	16°D 3	14°59	16° 4	27°28	W 8
T 9	15 7 16	18°18'49	4♍10	22°19	26°58	8° 1	17°20	11°40	1°33	26°54	29° 2	16° 3	14°56	16°11	27°33	T 9
F 10	15 11 13	19°16'42	18°21	24°30	27°24	8°37	17°31	11°47	1°31	26°56	29° 0	16°R 3	14°53	16°18	27°38	F 10
S 11	15 15 9	20°14'32	2♎53	26°39	27°49	9°14	17°41	11°54	1°30	26°58	28°59	16° 2	14°50	16°24	27°42	S 11
S 12	15 19 6	21°12'21	17°42	28°48	28°12	9°50	17°51	12° 2	1°28	26°59	28°57	15°59	14°47	16°31	27°47	S 12
M13	15 23 2	22°10'08	2♏42	0♊55	28°34	10°27	18° 1	12° 9	1°26	27° 1	28°56	15°53	14°44	16°38	27°52	M13
T 14	15 26 59	23° 7'53	17°45	3° 1	28°53	11° 4	18°11	12°17	1°25	27° 3	28°54	15°45	14°40	16°44	27°56	T 14
W15	15 30 55	24° 5'37	2♐41	5° 5	29°11	11°40	18°20	12°25	1°23	27° 5	28°53	15°35	14°37	16°51	28° 1	W15
T 16	15 34 52	25° 3'20	17°21	7° 7	29°27	12°17	18°30	12°32	1°21	27° 7	28°51	15°25	14°34	16°58	28° 5	T 16
F 17	15 38 49	26° 1'02	1♑39	9° 7	29°40	12°53	18°39	12°40	1°19	27° 9	28°50	15°16	14°31	17° 4	28°10	F 17
S 18	15 42 45	26°58'42	15°29	11° 5	29°52	13°30	18°49	12°47	1°17	27°11	28°48	15° 8	14°28	17°11	28°15	S 18
S 19	15 46 42	27°56'22	28°50	13° 0	0♋ 1	14° 7	18°58	12°55	1°16	27°13	28°47	15° 2	14°25	17°18	28°20	S 19
M20	15 50 38	28°54'00	11♒45	14°53	0° 9	14°43	19° 7	13° 3	1°14	27°15	28°46	14°59	14°21	17°24	28°24	M20
T 21	15 54 35	29°51'37	24°15	16°43	0°14	15°20	19°16	13°10	1°12	27°17	28°44	14°58	14°18	17°31	28°29	T 21
W22	15 58 31	0♊49'13	6♓27	18°30	0°16	15°57	19°25	13°18	1°10	27°19	28°43	14°D58	14°15	17°38	28°34	W22
T 23	16 2 28	1°46'49	18°26	20°15	0°R17	16°33	19°34	13°26	1° 8	27°21	28°41	14°R58	14°12	17°44	28°38	T 23
F 24	16 6 24	2°44'23	0♈16	21°56	0°15	17°10	19°42	13°33	1° 6	27°23	28°40	14°57	14° 9	17°51	28°43	F 24
S 25	16 10 21	3°41'56	12° 4	23°35	0°11	17°47	19°51	13°41	1° 4	27°25	28°39	14°54	14° 5	17°58	28°48	S 25
S 26	16 14 18	4°39'29	23°52	25°10	0° 4	18°24	19°59	13°49	1° 2	27°27	28°37	14°49	14° 2	18° 4	28°52	S 26
M27	16 18 14	5°37'00	5♉46	26°43	29♊55	19° 0	20° 7	13°57	1° 0	27°29	28°36	14°41	13°59	18°11	28°57	M27
T 28	16 22 11	6°34'31	17°48	28°12	29°43	19°37	20°15	14° 5	0°57	27°32	28°35	14°31	13°56	18°18	29° 2	T 28
W29	16 26 7	7°32'01	29°59	29°39	29°30	20°14	20°23	14°12	0°55	27°34	28°34	14°18	13°53	18°24	29° 6	W29
T 30	16 30 4	8°29'30	12♊23	1♋ 2	29°13	20°51	20°31	14°20	0°53	27°36	28°32	14° 5	13°50	18°31	29°11	T 30
F 31	16 34 0	9♊26'58	24♊57	2♋22	28♊55	21♋27	20♓39	14♊28	0♑51	27♊38	28♎31	13♍52	13♍46	18♈38	29♉15	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 1	13n37	4s36	12n29	0s48	27n33	4n18	24n52	1n26	6s30	1s 1	20n42	1s23	23s41	0s14	22n17	1s 9	5n 0	17n19	5n14	5n47	3n39	16n12	3s23
T 2	15 19	15 58	4 57	13 20	0 38	27 35	4 18	24 51	1 26	6 26	1 1	20 43	1 23	23 41	0 14	22 17	1 9	5 1	17 19	5 18	5 48	3 41	16 13	3 23
F 3	15 37	17 38	5 5	14 10	0 28	27 37	4 17	24 50	1 26	6 22	1 2	20 44	1 23	23 41	0 14	22 17	1 9	5 1	17 19	5 22	5 49	3 43	16 14	3 23
S 4	15 54	18 28	4 59	15 0	0 18	27 38	4 17	24 48	1 26	6 18	1 2	20 46	1 23	23 42	0 14	22 17	1 9	5 2	17 19	5 25	5 50	3 45	16 15	3 23
S 5	16 12	18 25	4 38	15 50	0 7	27 38	4 16	24 47	1 26	6 14	1 2	20 47	1 23	23 42	0 14	22 17	1 9	5 2	17 18	5 28	5 52	3 47	16 16	3 23
M 6	16 29	17 25	4 3	16 38	0n 3	27 38	4 15	24 45	1 25	6 10	1 2	20 48	1 23	23 42	0 14	22 17	1 9	5 2	17 18	5 30	5 53	3 49	16 17	3 23
T 7	16 46	15 28	3 14	17 26	0 14	27 38	4 13	24 43	1 25	6 6	1 2	20 49	1 23	23 42	0 14	22 17	1 9	5 3	17 18	5 31	5 54	3 51	16 18	3 23
W 8	17 2	12 38	2 13	18 12	0 24	27 37	4 12	24 41	1 25	6 2	1 3	20 50	1 22	23 42	0 14	22 17	1 9	5 3	17 18	5 31	5 55	3 52	16 19	3 23
T 9	17 18	9 1	1 3	18 56	0 35	27 36	4 10	24 39	1 25	5 58	1 3	20 51	1 22	23 42	0 14	22 18	1 9	5 3	17 18	5 31	5 56	3 54	16 20	3 23
F 10	17 34	4 48	0n12	19 39	0 45	27 34	4 7	24 36	1 25	5 55	1 3	20 52	1 22	23 42	0 14	22 18	1 9	5 4	17 17	5 30	5 58	3 56	16 21	3 23
S 11	17 50	0 12	1 29	20 19	0 55	27 32	4 5	24 33	1 25	5 51	1 3	20 53	1 22	23 42	0 14	22 18	1 8	5 4	17 17	5 31	5 59	3 58	16 22	3 23
S 12	18 5	4s29	2 40	20 58	1 4	27 29	4 2	24 31	1 25	5 47	1 4	20 55	1 22	23 42	0 14	22 18	1 8	5 4	17 17	5 32	6 0	4 0	16 23	3 24
M13	18 20	8 57	3 42	21 34	1 13	27 26	3 58	24 28	1 24	5 43	1 4	20 56	1 22	23 42	0 14	22 18	1 8	5 5	17 17	5 34	6 1	4 2	16 24	3 24
T 14	18 35	12 51	4 28	22 8	1 22	27 22	3 55	24 25	1 24	5 40	1 4	20 57	1 22	23 42	0 14	22 18	1 8	5 5	17 16	5 38	6 3	4 4	16 25	3 24
W15	18 49	15 54	4 55	22 39	1 30	27 19	3 50	24 21	1 24	5 36	1 4	20 58	1 22	23 42	0 14	22 18	1 8	5 5	17 16	5 41	6 4	4 5	16 26	3 24
T 16	19 3	17 51	5 3	23 8	1 38	27 14	3 46	24 18	1 24	5 33	1 4	20 59	1 22	23 42	0 14	22 18	1 8	5 5	17 16	5 45	6 5	4 7	16 27	3 24
F 17	19 17	18 37	4 51	23 34	1 45	27 9	3 41	24 14	1 24	5 29	1 5	21 0	1 21	23 42	0 14	22 18	1 8	5 5	17 16	5 49	6 6	4 9	16 28	3 24
S 18	19 31	18 14	4 22	23 58	1 51	27 4	3 36	24 10	1 24	5 26	1 5	21 1	1 21	23 42	0 14	22 18	1 8	5 6	17 15	5 52	6 7	4 11	16 29	3 24
S 19	19 44	16 50	3 39	24 19	1 57	26 59	3 30	24 6	1 23	5 22	1 5	21 2	1 21	23 42	0 14	22 18	1 8	5 6	17 15	5 54	6 9	4 13	16 30	3 24
M20	19 56	14 37	2 47	24 37	2 1	26 52	3 24	24 2	1 23	5 19	1 5	21 3	1 21	23 42	0 14	22 18	1 8	5 6	17 15	5 55	6 10	4 15	16 31	3 24
T 21	20 9	11 45	1 48	24 53	2 5	26 46	3 18	23 58	1 23	5 15	1 6	21 4	1 21	23 42	0 14	22 18	1 8	5 6	17 14	5 56	6 11	4 16	16 32	3 24
W22	20 21	8 27	0 45	25 6	2 9	26 39	3 11	23 53	1 23	5 12	1 6	21 5	1 21	23 42	0 14	22 18	1 8	5 6	17 14	5 56	6 12	4 18	16 33	3 24
T 23	20 33	4 52	0s18	25 17	2 11	26 31	3 3	23 49	1 23	5 9	1 6	21 6	1 21	23 42	0 14	22 19	1 8	5 7	17 14	5 56	6 14	4 20	16 33	3 24
F 24	20 44	1 7	1 20	25 26	2 13	26 24	2 55	23 44	1 23	5 6	1 6	21 7	1 21	23 42	0 14	22 19	1 8	5 7	17 13	5 56	6 15	4 22	16 34	3 25
S 25	20 55	2n39	2 18	25 32	2 14	26 15	2 47	23 39	1 22	5 3	1 7	21 8	1 21	23 42	0 14	22 19	1 8	5 7	17 13	5 57	6 16	4 24	16 35	3 25
S 26	21 6	6 19	3 11	25 36	2 14	26 6	2 38	23 34	1 22	5 0	1 7	21 9	1 20	23 42	0 14	22 19	1 8	5 7	17 13	5 59	6 17	4 26	16 36	3 25
M27	21 16	9 46	3 55	25 39	2 13	25 57	2 29	23 28	1 22	4 57	1 7	21 10	1 20	23 42	0 14	22 19	1 8	5 7	17 12	6 2	6 19	4 28	16 37	3 25
T 28	21 26	12 51	4 29	25 39	2 11	25 47	2 19	23 23	1 22	4 54	1 7	21 11	1 20	23 42	0 14	22 19	1 8	5 7	17 12	6 6	6 20	4 29	16 38	3 25
W29	21 36	15 26	4 51	25 37	2 9	25 37	2 9	23 17	1 22	4 51	1 8	21 12	1 20	23 42	0 14	22 19	1 8	5 7	17 11	6 11	6 21	4 31	16 39	3 25
T 30	21 45	17 21	5 0	25 34	2 6	25 26	1 58	23 12	1 21	4 48	1 8	21 13	1 20	23 42	0 14	22 19	1 8	5 7	17 11	6 16	6 22	4 33	16 40	3 25
F 31	21n54	18n28	4s55	25n29	2n 2	25n15	1n47	23n 6	1n21	4s45	1s 8	21n14	1s20	23s42	0s14	22n19	1s 8	5n 7	17n11	6n21	6n23	4n35	16n40	3s25

Julian Day Number = 2355606.5, Delta T = 12.61 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'24, Lahiri = 20°11'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

JUNE 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 57	10♊24'24	7♋43	3♋39	28°R34	22♋ 4	20♓46	14♊36	0°R49	27♊40	28°R30	13°R40	13♍43	18♈44	29♉20	S 1
S 2	16 41 53	11°21'50	20°41	4°53	28♊11	22°41	20°54	14°44	0♑46	27°42	28♎29	13♍31	13°40	18°51	29°25	S 2
M 3	16 45 50	12°19'15	3♌50	6° 3	27°46	23°18	21° 1	14°51	0°44	27°44	28°28	13°24	13°37	18°58	29°29	M 3
T 4	16 49 47	13°16'38	17°11	7°10	27°19	23°55	21° 8	14°59	0°42	27°47	28°27	13°21	13°34	19° 4	29°34	T 4
W 5	16 53 43	14°14'01	0♍45	8°14	26°50	24°32	21°15	15° 7	0°40	27°49	28°26	13°19	13°31	19°11	29°38	W 5
T 6	16 57 40	15°11'22	14°32	9°14	26°19	25° 9	21°21	15°15	0°37	27°51	28°25	13°19	13°27	19°18	29°43	T 6
F 7	17 1 36	16° 8'42	28°35	10°11	25°46	25°45	21°28	15°23	0°35	27°53	28°24	13°19	13°24	19°24	29°48	F 7
S 8	17 5 33	17° 6'01	12♎52	11° 3	25°12	26°22	21°35	15°31	0°33	27°55	28°23	13°17	13°21	19°31	29°52	S 8
S 9	17 9 29	18° 3'19	27°21	11°53	24°37	26°59	21°41	15°38	0°30	27°58	28°22	13°14	13°18	19°38	29°57	S 9
M10	17 13 26	19° 0'36	11♏59	12°38	24° 1	27°36	21°47	15°46	0°28	28° 0	28°21	13° 7	13°15	19°44	0♊ 1	M10
T 11	17 17 22	19°57'53	26°40	13°19	23°24	28°13	21°53	15°54	0°26	28° 2	28°20	12°58	13°11	19°51	0° 6	T 11
W12	17 21 19	20°55'09	11♐17	13°57	22°47	28°50	21°59	16° 2	0°23	28° 4	28°19	12°48	13° 8	19°58	0°10	W12
T 13	17 25 16	21°52'24	25°43	14°30	22° 9	29°27	22° 4	16°10	0°21	28° 6	28°18	12°37	13° 5	20° 4	0°15	T 13
F 14	17 29 12	22°49'38	9♑50	14°59	21°32	0♌ 4	22°10	16°17	0°18	28° 9	28°18	12°26	13° 2	20°11	0°19	F 14
S 15	17 33 9	23°46'52	23°34	15°24	20°54	0°41	22°15	16°25	0°16	28°11	28°17	12°17	12°59	20°18	0°23	S 15
S 16	17 37 5	24°44'06	6♒53	15°44	20°17	1°18	22°20	16°33	0°14	28°13	28°16	12°10	12°56	20°24	0°28	S 16
M17	17 41 2	25°41'19	19°47	16° 0	19°41	1°55	22°25	16°41	0°11	28°15	28°15	12° 6	12°52	20°31	0°32	M17
T 18	17 44 58	26°38'33	2♓20	16°11	19° 5	2°32	22°30	16°49	0° 9	28°18	28°15	12° 5	12°49	20°38	0°37	T 18
W19	17 48 55	27°35'46	14°33	16°18	18°31	3° 9	22°35	16°56	0° 6	28°20	28°14	12°D 4	12°46	20°44	0°41	W19
T 20	17 52 52	28°32'59	26°33	16°R20	17°58	3°46	22°39	17° 4	0° 4	28°22	28°13	12°R 5	12°43	20°51	0°45	T 20
F 21	17 56 48	29°30'11	8♈26	16°17	17°27	4°23	22°43	17°12	0° 1	28°24	28°13	12° 4	12°40	20°58	0°49	F 21
S 22	18 0 45	0♋27'24	20°15	16°10	16°57	5° 0	22°48	17°19	29♐59	28°26	28°12	12° 2	12°37	21° 4	0°54	S 22
S 23	18 4 41	1°24'37	2♉ 6	15°59	16°29	5°37	22°51	17°27	29°56	28°29	28°12	11°58	12°33	21°11	0°58	S 23
M24	18 8 38	2°21'50	14° 5	15°43	16° 3	6°14	22°55	17°35	29°54	28°31	28°11	11°52	12°30	21°18	1° 2	M24
T 25	18 12 34	3°19'02	26°13	15°24	15°39	6°51	22°59	17°42	29°52	28°33	28°11	11°43	12°27	21°24	1° 6	T 25
W26	18 16 31	4°16'15	8♊35	15° 0	15°17	7°29	23° 2	17°50	29°49	28°35	28°10	11°33	12°24	21°31	1°10	W26
T 27	18 20 27	5°13'28	21°11	14°34	14°58	8° 6	23° 5	17°58	29°47	28°38	28°10	11°21	12°21	21°38	1°15	T 27
F 28	18 24 24	6°10'41	4♋ 3	14° 4	14°40	8°43	23° 8	18° 5	29°44	28°40	28°10	11°10	12°17	21°45	1°19	F 28
S 29	18 28 21	7° 7'54	17° 8	13°31	14°26	9°20	23°11	18°13	29°42	28°42	28° 9	11° 0	12°14	21°51	1°23	S 29
S 30	18 32 17	8♋ 5'06	0♌27	12♋57	14♊13	9♌57	23♓14	18♊20	29♐40	28♊44	28♎ 9	10♍52	12♍11	21♈58	1♊27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	18n41	4s35	25n22	1n57	25n 3	1n35	23n 0	1n21	4s43	1s 8	21n15	1s20	23s42	0s14	22n19	1s 8	5n 7	17n10	6n26	6n25	4n37	16n41	3s25
S 2	22 10	17 55	4 0	25 14	1 52	24 51	1 23	22 53	1 21	4 40	1 9	21 16	1 20	23 42	0 14	22 19	1 8	5 7	17 10	6 29	6 26	4 39	16 42	3 26
M 3	22 18	16 12	3 12	25 5	1 45	24 38	1 11	22 47	1 21	4 37	1 9	21 17	1 20	23 43	0 14	22 19	1 8	5 7	17 9	6 32	6 27	4 41	16 43	3 26
T 4	22 25	13 35	2 14	24 55	1 38	24 25	0 58	22 40	1 20	4 35	1 9	21 18	1 20	23 43	0 14	22 19	1 8	5 7	17 9	6 33	6 28	4 42	16 44	3 26
W 5	22 32	10 12	1 6	24 43	1 30	24 11	0 45	22 34	1 20	4 32	1 9	21 19	1 20	23 43	0 14	22 19	1 8	5 7	17 9	6 34	6 30	4 44	16 45	3 26
T 6	22 39	6 12	0n 6	24 31	1 22	23 57	0 32	22 27	1 20	4 30	1 10	21 20	1 20	23 43	0 14	22 19	1 8	5 7	17 8	6 34	6 31	4 46	16 45	3 26
F 7	22 45	1 47	1 20	24 17	1 13	23 42	0 18	22 20	1 20	4 28	1 10	21 21	1 19	23 43	0 14	22 19	1 8	5 7	17 8	6 34	6 32	4 48	16 46	3 26
S 8	22 51	2s48	2 29	24 3	1 3	23 27	0 4	22 12	1 20	4 25	1 10	21 22	1 19	23 43	0 14	22 19	1 8	5 7	17 7	6 35	6 33	4 50	16 47	3 27
S 9	22 56	7 16	3 30	23 48	0 52	23 12	0s10	22 5	1 19	4 23	1 10	21 23	1 19	23 43	0 14	22 20	1 8	5 7	17 7	6 36	6 34	4 52	16 48	3 27
M10	23 1	11 21	4 18	23 32	0 40	22 56	0 24	21 58	1 19	4 21	1 11	21 24	1 19	23 43	0 14	22 20	1 8	5 6	17 6	6 38	6 36	4 53	16 49	3 27
T 11	23 5	14 45	4 49	23 16	0 28	22 40	0 38	21 50	1 19	4 19	1 11	21 25	1 19	23 43	0 14	22 20	1 8	5 6	17 6	6 42	6 37	4 55	16 49	3 27
W12	23 10	17 12	5 1	23 0	0 16	22 24	0 52	21 42	1 19	4 17	1 11	21 25	1 19	23 43	0 15	22 20	1 8	5 6	17 5	6 46	6 38	4 57	16 50	3 27
T 13	23 13	18 31	4 53	22 43	0 2	22 8	1 6	21 34	1 18	4 15	1 12	21 26	1 19	23 43	0 15	22 20	1 8	5 6	17 5	6 50	6 39	4 59	16 51	3 27
F 14	23 17	18 39	4 28	22 26	0s12	21 52	1 20	21 26	1 18	4 13	1 12	21 27	1 19	23 43	0 15	22 20	1 8	5 6	17 4	6 54	6 40	5 1	16 52	3 28
S 15	23 19	17 41	3 47	22 9	0 26	21 36	1 34	21 18	1 18	4 11	1 12	21 28	1 19	23 43	0 15	22 20	1 8	5 6	17 4	6 58	6 42	5 3	16 52	3 28
S 16	23 22	15 45	2 55	21 52	0 41	21 19	1 48	21 10	1 18	4 9	1 12	21 29	1 19	23 43	0 15	22 20	1 8	5 5	17 3	7 0	6 43	5 5	16 53	3 28
M17	23 24	13 4	1 55	21 35	0 56	21 4	2 1	21 1	1 18	4 8	1 13	21 30	1 19	23 43	0 15	22 20	1 8	5 5	17 3	7 2	6 44	5 6	16 54	3 28
T 18	23 26	9 51	0 52	21 18	1 12	20 48	2 14	20 53	1 17	4 6	1 13	21 31	1 19	23 43	0 15	22 20	1 8	5 5	17 2	7 2	6 45	5 8	16 55	3 28
W19	23 27	6 18	0s13	21 1	1 28	20 32	2 27	20 44	1 17	4 4	1 13	21 31	1 19	23 43	0 15	22 20	1 8	5 5	17 2	7 3	6 47	5 10	16 55	3 28
T 20	23 28	2 32	1 16	20 45	1 44	20 17	2 39	20 35	1 17	4 3	1 14	21 32	1 19	23 43	0 15	22 20	1 8	5 4	17 1	7 2	6 48	5 12	16 56	3 29
F 21	23 28	1n16	2 15	20 29	2 0	20 3	2 51	20 26	1 17	4 1	1 14	21 33	1 19	23 43	0 15	22 20	1 8	5 4	17 1	7 3	6 49	5 14	16 57	3 29
S 22	23 28	5 1	3 8	20 14	2 16	19 49	3 2	20 17	1 16	4 0	1 14	21 34	1 19	23 43	0 15	22 20	1 8	5 4	17 0	7 3	6 50	5 16	16 57	3 29
S 23	23 28	8 34	3 53	19 59	2 33	19 35	3 13	20 7	1 16	3 59	1 15	21 34	1 19	23 43	0 15	22 20	1 8	5 3	17 0	7 5	6 51	5 18	16 58	3 29
M24	23 27	11 49	4 28	19 45	2 48	19 23	3 23	19 58	1 16	3 58	1 15	21 35	1 19	23 43	0 15	22 20	1 8	5 3	16 59	7 7	6 53	5 19	16 59	3 29
T 25	23 26	14 36	4 52	19 32	3 4	19 10	3 33	19 48	1 16	3 56	1 15	21 36	1 19	23 43	0 15	22 20	1 8	5 3	16 59	7 11	6 54	5 21	16 59	3 30
W26	23 24	16 47	5 2	19 20	3 19	18 59	3 42	19 38	1 15	3 55	1 15	21 37	1 18	23 43	0 15	22 20	1 8	5 2	16 58	7 15	6 55	5 23	17 0	3 30
T 27	23 22	18 13	4 58	19 9	3 33	18 48	3 50	19 29	1 15	3 54	1 16	21 37	1 18	23 43	0 15	22 20	1 8	5 2	16 57	7 19	6 56	5 25	17 0	3 30
F 28	23 20	18 45	4 39	18 58	3 47	18 38	3 59	19 19	1 15	3 53	1 16	21 38	1 18	23 43	0 15	22 20	1 8	5 1	16 57	7 23	6 58	5 27	17 1	3 30
S 29	23 17	18 19	4 5	18 49	3 59	18 29	4 6	19 8	1 15	3 53	1 16	21 39	1 18	23 43	0 15	22 20	1 8	5 1	16 56	7 27	6 59	5 29	17 2	3 31
S 30	23n13	16n52	3s18	18n41	4s10	18n21	4s13	18n58	1n14	3s52	1s17	21n39	1s18	23s43	0s15	22n20	1s 8	5n 1	16n56	7n30	7n 0	5n30	17n 2	3s31

Julian Day Number = 2355637.5, Delta T = 12.63 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'28, Lahiri = 20°11'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

JULY 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 14	9♋ 2'19	13♌57	12°R21	14°R 3	10♌35	23♓16	18♊28	29°R37	28♊47	28°R 9	10°R47	12♍ 8	22♈ 5	1♊31	M 1
T 2	18 40 10	9°59'31	27°38	11♋44	13♊55	11°12	23°19	18°35	29♐35	28°49	28♎ 8	10♍44	12° 5	22°11	1°35	T 2
W 3	18 44 7	10°56'43	11♍26	11° 6	13°50	11°49	23°21	18°43	29°32	28°51	28° 8	10°D44	12° 2	22°18	1°39	W 3
T 4	18 48 3	11°53'55	25°23	10°29	13°47	12°26	23°22	18°50	29°30	28°53	28° 8	10°44	11°58	22°25	1°43	T 4
F 5	18 52 0	12°51'07	9♎27	9°53	13°D46	13° 4	23°24	18°58	29°28	28°55	28° 8	10°R45	11°55	22°31	1°46	F 5
S 6	18 55 56	13°48'18	23°37	9°18	13°48	13°41	23°26	19° 5	29°25	28°57	28° 8	10°44	11°52	22°38	1°50	S 6
S 7	18 59 53	14°45'29	7♏52	8°46	13°51	14°18	23°27	19°12	29°23	29° 0	28° 8	10°42	11°49	22°45	1°54	S 7
M 8	19 3 50	15°42'41	22° 9	8°16	13°57	14°56	23°28	19°20	29°21	29° 2	28°D 8	10°38	11°46	22°51	1°58	M 8
T 9	19 7 46	16°39'52	6♐25	7°50	14° 6	15°33	23°29	19°27	29°18	29° 4	28° 8	10°32	11°43	22°58	2° 1	T 9
W10	19 11 43	17°37'04	20°36	7°28	14°16	16°10	23°30	19°34	29°16	29° 6	28° 8	10°24	11°39	23° 5	2° 5	W10
T 11	19 15 39	18°34'16	4♑36	7° 9	14°28	16°48	23°30	19°42	29°14	29° 8	28° 8	10°16	11°36	23°11	2° 9	T 11
F 12	19 19 36	19°31'28	18°22	6°56	14°43	17°25	23°31	19°49	29°12	29°10	28° 8	10° 8	11°33	23°18	2°12	F 12
S 13	19 23 32	20°28'40	1♒50	6°47	14°59	18° 2	23°R31	19°56	29° 9	29°12	28° 8	10° 1	11°30	23°25	2°16	S 13
S 14	19 27 29	21°25'53	14°58	6°D44	15°17	18°40	23°31	20° 3	29° 7	29°15	28° 8	9°56	11°27	23°31	2°19	S 14
M15	19 31 25	22°23'06	27°45	6°45	15°38	19°17	23°30	20°10	29° 5	29°17	28° 8	9°54	11°23	23°38	2°23	M15
T 16	19 35 22	23°20'20	10♓14	6°53	15°59	19°55	23°30	20°17	29° 3	29°19	28° 9	9°D53	11°20	23°45	2°26	T 16
W17	19 39 19	24°17'35	22°27	7° 6	16°23	20°32	23°29	20°24	29° 1	29°21	28° 9	9°54	11°17	23°51	2°30	W17
T 18	19 43 15	25°14'50	4♈28	7°25	16°48	21°10	23°29	20°31	28°59	29°23	28° 9	9°55	11°14	23°58	2°33	T 18
F 19	19 47 12	26°12'06	16°21	7°49	17°15	21°47	23°28	20°38	28°56	29°25	28°10	9°56	11°11	24° 5	2°36	F 19
S 20	19 51 8	27° 9'23	28°12	8°20	17°44	22°25	23°26	20°45	28°54	29°27	28°10	9°R57	11° 8	24°11	2°39	S 20
S 21	19 55 5	28° 6'41	10♉ 5	8°56	18°14	23° 2	23°25	20°51	28°52	29°29	28°10	9°56	11° 4	24°18	2°43	S 21
M22	19 59 1	29° 4'00	22° 5	9°38	18°45	23°40	23°23	20°58	28°50	29°31	28°11	9°53	11° 1	24°25	2°46	M22
T 23	20 2 58	0♌ 1'20	4♊18	10°25	19°18	24°17	23°21	21° 5	28°48	29°33	28°11	9°49	10°58	24°32	2°49	T 23
W24	20 6 54	0°58'41	16°46	11°19	19°52	24°55	23°19	21°12	28°46	29°35	28°12	9°44	10°55	24°38	2°52	W24
T 25	20 10 51	1°56'03	29°31	12°18	20°27	25°33	23°17	21°18	28°45	29°37	28°12	9°38	10°52	24°45	2°55	T 25
F 26	20 14 48	2°53'26	12♋36	13°22	21° 3	26°10	23°15	21°25	28°43	29°39	28°13	9°31	10°49	24°52	2°58	F 26
S 27	20 18 44	3°50'49	25°59	14°32	21°41	26°48	23°12	21°31	28°41	29°41	28°14	9°26	10°45	24°58	3° 1	S 27
S 28	20 22 41	4°48'14	9♌40	15°46	22°20	27°26	23° 9	21°38	28°39	29°43	28°14	9°22	10°42	25° 5	3° 3	S 28
M29	20 26 37	5°45'39	23°35	17° 6	23° 0	28° 4	23° 6	21°44	28°37	29°45	28°15	9°19	10°39	25°12	3° 6	M29
T 30	20 30 34	6°43'05	7♍40	18°31	23°41	28°41	23° 3	21°50	28°35	29°47	28°16	9°D18	10°36	25°18	3° 9	T 30
W31	20 34 30	7♌40'32	21♍53	20♋ 1	24♊23	29♌19	23♓ 0	21♊57	28♐34	29♊48	28♎16	9♍19	10♍33	25♈25	3♊12	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	23n10	14n28	2s18	18n34	4s21	18n13	4s20	18n48	1n14	3s51	1s17	21n40	1s18	23s43	0s15	22n20	1s 8	5n 0	16n55	7n32	7n 1	5n32	17n 3	3s31	M 1
T 2	23 6	11 14	1 9	18 29	4 29	18 6	4 26	18 37	1 14	3 51	1 17	21 41	1 18	23 43	0 15	22 20	1 8	5 0	16 55	7 33	7 2	5 34	17 3	3 31	T 2
W 3	23 1	7 20	0n 4	18 24	4 37	18 0	4 31	18 27	1 14	3 50	1 18	21 41	1 18	23 43	0 15	22 20	1 8	4 59	16 54	7 33	7 4	5 36	17 4	3 31	W 3
T 4	22 56	3 1	1 18	18 22	4 43	17 55	4 36	18 16	1 13	3 50	1 18	21 42	1 18	23 43	0 15	22 20	1 8	4 59	16 53	7 33	7 5	5 38	17 4	3 32	T 4
F 5	22 51	1s29	2 28	18 20	4 47	17 50	4 40	18 5	1 13	3 49	1 18	21 43	1 18	23 43	0 15	22 20	1 8	4 58	16 53	7 33	7 6	5 40	17 5	3 32	F 5
S 6	22 45	5 57	3 29	18 20	4 50	17 47	4 44	17 54	1 13	3 49	1 18	21 43	1 18	23 43	0 15	22 20	1 8	4 58	16 52	7 33	7 7	5 41	17 5	3 32	S 6
S 7	22 39	10 5	4 18	18 21	4 51	17 44	4 48	17 43	1 13	3 49	1 19	21 44	1 18	23 43	0 15	22 20	1 8	4 57	16 52	7 34	7 8	5 43	17 6	3 32	S 7
M 8	22 33	13 39	4 50	18 23	4 50	17 41	4 51	17 32	1 12	3 48	1 19	21 45	1 18	23 43	0 15	22 20	1 8	4 57	16 51	7 35	7 10	5 45	17 6	3 33	M 8
T 9	22 26	16 24	5 5	18 27	4 48	17 39	4 54	17 20	1 12	3 48	1 19	21 45	1 18	23 43	0 15	22 20	1 8	4 56	16 51	7 38	7 11	5 47	17 7	3 33	T 9
W10	22 19	18 8	5 1	18 32	4 44	17 38	4 56	17 9	1 12	3 48	1 20	21 46	1 18	23 43	0 15	22 20	1 8	4 56	16 50	7 41	7 12	5 49	17 7	3 33	W10
T 11	22 11	18 44	4 39	18 38	4 39	17 38	4 58	16 57	1 11	3 48	1 20	21 46	1 18	23 43	0 15	22 20	1 8	4 55	16 49	7 44	7 13	5 51	17 8	3 34	T 11
F 12	22 3	18 14	4 1	18 45	4 32	17 38	5 0	16 46	1 11	3 49	1 20	21 47	1 18	23 43	0 15	22 20	1 8	4 54	16 49	7 47	7 14	5 53	17 8	3 34	F 12
S 13	21 54	16 41	3 10	18 54	4 25	17 39	5 1	16 34	1 11	3 49	1 21	21 47	1 18	23 43	0 15	22 20	1 8	4 54	16 48	7 49	7 16	5 54	17 9	3 34	S 13
S 14	21 46	14 17	2 10	19 3	4 16	17 40	5 2	16 22	1 11	3 49	1 21	21 48	1 18	23 43	0 15	22 20	1 8	4 53	16 48	7 51	7 17	5 56	17 9	3 34	S 14
M15	21 37	11 15	1 5	19 13	4 6	17 41	5 2	16 10	1 10	3 49	1 21	21 48	1 18	23 43	0 15	22 20	1 8	4 53	16 47	7 52	7 18	5 58	17 9	3 35	M15
T 16	21 27	7 46	0s 2	19 23	3 55	17 43	5 2	15 58	1 10	3 50	1 22	21 49	1 18	23 43	0 15	22 21	1 8	4 52	16 46	7 52	7 19	6 0	17 10	3 35	T 16
W17	21 17	4 2	1 8	19 34	3 43	17 46	5 2	15 46	1 10	3 50	1 22	21 49	1 18	23 43	0 15	22 21	1 8	4 51	16 46	7 52	7 21	6 2	17 10	3 35	W17
T 18	21 7	0 12	2 9	19 46	3 30	17 49	5 2	15 34	1 9	3 51	1 22	21 50	1 18	23 43	0 15	22 21	1 8	4 51	16 45	7 52	7 22	6 4	17 11	3 35	T 18
F 19	20 56	3n36	3 5	19 58	3 17	17 52	5 1	15 21	1 9	3 52	1 22	21 50	1 18	23 43	0 15	22 21	1 8	4 50	16 45	7 51	7 23	6 5	17 11	3 36	F 19
S 20	20 45	7 14	3 52	20 10	3 3	17 55	5 0	15 9	1 9	3 52	1 23	21 51	1 18	23 43	0 15	22 21	1 8	4 49	16 44	7 51	7 24	6 7	17 11	3 36	S 20
S 21	20 34	10 36	4 29	20 21	2 49	17 59	4 59	14 56	1 8	3 53	1 23	21 51	1 18	23 43	0 15	22 21	1 8	4 49	16 44	7 51	7 25	6 9	17 11	3 36	S 21
M22	20 22	13 33	4 56	20 33	2 35	18 3	4 58	14 43	1 8	3 54	1 23	21 52	1 18	23 43	0 15	22 21	1 8	4 48	16 43	7 52	7 27	6 11	17 12	3 37	M22
T 23	20 10	15 58	5 9	20 44	2 20	18 7	4 56	14 31	1 8	3 55	1 24	21 52	1 18	23 43	0 15	22 21	1 8	4 47	16 42	7 54	7 28	6 13	17 12	3 37	T 23
W24	19 58	17 42	5 8	20 55	2 5	18 11	4 54	14 18	1 8	3 56	1 24	21 53	1 18	23 43	0 15	22 20	1 8	4 47	16 42	7 56	7 29	6 15	17 12	3 37	W24
T 25	19 45	18 36	4 52	21 5	1 50	18 16	4 52	14 5	1 7	3 57	1 24	21 53	1 18	23 43	0 15	22 20	1 8	4 46	16 41	7 58	7 30	6 16	17 13	3 38	T 25
F 26	19 32	18 33	4 21	21 14	1 35	18 21	4 50	13 52	1 7	3 59	1 25	21 54	1 18	23 43	0 15	22 20	1 8	4 45	16 41	8 1	7 31	6 18	17 13	3 38	F 26
S 27	19 19	17 28	3 34	21 21	1 20	18 25	4 48	13 38	1 7	4 0	1 25	21 54	1 18	23 43	0 15	22 20	1 8	4 44	16 40	8 3	7 33	6 20	17 13	3 38	S 27
S 28	19 5	15 22	2 35	21 28	1 5	18 30	4 45	13 25	1 6	4 1	1 25	21 54	1 18	23 43	0 15	22 20	1 8	4 44	16 39	8 4	7 34	6 22	17 13	3 38	S 28
M29	18 51	12 21	1 25	21 33	0 50	18 35	4 43	13 12	1 6	4 3	1 25	21 55	1 18	23 43	0 15	22 20	1 8	4 43	16 39	8 5	7 35	6 24	17 14	3 39	M29
T 30	18 37	8 34	0 9	21 36	0 36	18 40	4 40	12 58	1 6	4 4	1 26	21 55	1 18	23 43	0 15	22 20	1 8	4 42	16 38	8 5	7 36	6 26	17 14	3 39	T 30
W31	18n23	4n16	1n 8	21n37	0s22	18n45	4s37	12n45	1n 5	4s 6	1s26	21n55	1s18	23s43	0s15	22n20	1s 8	4n41	16n38	8n 5	7n37	6n27	17n14	3s39	W31

Julian Day Number = 2355667.5, Delta T = 12.65 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'32, Lahiri = 20°11'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

AUGUST 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 27	8♌38'00	6♎ 9	21♋35	25♊ 6	29♌57	22°R56	22♊ 3	28°R32	29♊50	28♎17	9♍20	10♍29	25♈32	3♊14	T 1
F 2	20 42 23	9°35'28	20°25	23°13	25°50	0♍35	22♓53	22° 9	28♐30	29°52	28°18	9°21	10°26	25°38	3°17	F 2
S 3	20 46 20	10°32'57	4♏40	24°55	26°34	1°12	22°49	22°15	28°29	29°54	28°19	9°R22	10°23	25°45	3°19	S 3
S 4	20 50 17	11°30'27	18°50	26°41	27°20	1°50	22°45	22°21	28°27	29°56	28°20	9°22	10°20	25°52	3°22	S 4
M 5	20 54 13	12°27'58	2♐54	28°30	28° 6	2°28	22°41	22°27	28°26	29°57	28°21	9°21	10°17	25°58	3°24	M 5
T 6	20 58 10	13°25'29	16°49	0♌22	28°54	3° 6	22°36	22°33	28°24	29°59	28°22	9°19	10°14	26° 5	3°27	T 6
W 7	21 2 6	14°23'02	0♑35	2°16	29°42	3°44	22°32	22°39	28°23	0♋ 1	28°23	9°15	10°10	26°12	3°29	W 7
T 8	21 6 3	15°20'35	14° 8	4°13	0♋31	4°22	22°27	22°45	28°21	0° 3	28°24	9°12	10° 7	26°18	3°31	T 8
F 9	21 9 59	16°18'09	27°29	6°11	1°20	5° 0	22°22	22°51	28°20	0° 4	28°25	9° 8	10° 4	26°25	3°33	F 9
S 10	21 13 56	17°15'45	10♒34	8°11	2°10	5°38	22°17	22°56	28°19	0° 6	28°26	9° 6	10° 1	26°32	3°35	S 10
S 11	21 17 52	18°13'22	23°24	10°12	3° 1	6°16	22°12	23° 2	28°17	0° 7	28°27	9° 4	9°58	26°39	3°37	S 11
M12	21 21 49	19°10'59	5♓58	12°13	3°53	6°54	22° 6	23° 7	28°16	0° 9	28°28	9°D 3	9°54	26°45	3°39	M12
T 13	21 25 46	20° 8'39	18°19	14°15	4°45	7°32	22° 1	23°13	28°15	0°11	28°29	9° 3	9°51	26°52	3°41	T 13
W14	21 29 42	21° 6'19	0♈27	16°17	5°38	8°10	21°55	23°18	28°14	0°12	28°30	9° 4	9°48	26°59	3°43	W14
T 15	21 33 39	22° 4'02	12°26	18°19	6°32	8°48	21°49	23°23	28°13	0°14	28°31	9° 6	9°45	27° 5	3°45	T 15
F 16	21 37 35	23° 1'45	24°18	20°20	7°26	9°26	21°43	23°29	28°12	0°15	28°33	9° 7	9°42	27°12	3°47	F 16
S 17	21 41 32	23°59'31	6♉ 9	22°21	8°20	10° 4	21°37	23°34	28°11	0°17	28°34	9° 8	9°39	27°19	3°48	S 17
S 18	21 45 28	24°57'18	18° 2	24°21	9°15	10°42	21°31	23°39	28°10	0°18	28°35	9° 9	9°35	27°25	3°50	S 18
M19	21 49 25	25°55'07	0♊ 3	26°20	10°11	11°20	21°25	23°44	28° 9	0°20	28°37	9°R 9	9°32	27°32	3°51	M19
T 20	21 53 21	26°52'57	12°15	28°18	11° 7	11°59	21°18	23°49	28° 8	0°21	28°38	9° 9	9°29	27°39	3°53	T 20
W21	21 57 18	27°50'50	24°43	0♍15	12° 4	12°37	21°11	23°54	28° 7	0°23	28°39	9° 8	9°26	27°45	3°54	W21
T 22	22 1 14	28°48'44	7♋31	2°11	13° 1	13°15	21° 5	23°58	28° 6	0°24	28°41	9° 6	9°23	27°52	3°56	T 22
F 23	22 5 11	29°46'40	20°42	4° 6	13°59	13°54	20°58	24° 3	28° 5	0°25	28°42	9° 5	9°20	27°59	3°57	F 23
S 24	22 9 8	0♍44'37	4♌15	6° 0	14°57	14°32	20°51	24° 8	28° 5	0°27	28°44	9° 4	9°16	28° 5	3°58	S 24
S 25	22 13 4	1°42'37	18°11	7°52	15°55	15°10	20°44	24°12	28° 4	0°28	28°45	9° 3	9°13	28°12	3°59	S 25
M26	22 17 1	2°40'38	2♍26	9°44	16°54	15°49	20°37	24°17	28° 3	0°29	28°47	9°D 3	9°10	28°19	4° 0	M26
T 27	22 20 57	3°38'40	16°57	11°33	17°53	16°27	20°29	24°21	28° 3	0°30	28°48	9° 3	9° 7	28°26	4° 1	T 27
W28	22 24 54	4°36'44	1♎36	13°22	18°53	17° 5	20°22	24°25	28° 2	0°31	28°50	9° 3	9° 4	28°32	4° 2	W28
T 29	22 28 50	5°34'50	16°18	15° 9	19°53	17°44	20°14	24°30	28° 2	0°33	28°52	9° 4	9° 0	28°39	4° 3	T 29
F 30	22 32 47	6°32'57	0♏56	16°56	20°54	18°22	20° 7	24°34	28° 1	0°34	28°53	9° 4	8°57	28°46	4° 4	F 30
S 31	22 36 43	7♍31'06	15♏25	18♍40	21♋54	19♍ 1	19♓59	24♊38	28♐ 1	0♋35	28♎55	9♍ 4	8♍54	28♈52	4♊ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 8	0s17	2n22	21n36	0s 9	18n49	4s34	12n31	1n 5	4s 8	1s26	21n56	1s18	23s43	0s15	22n20	1s 8	4n40	16n37	8n 5	7n39	6n29	17n14	3s40
F 2	17 52	4 48	3 26	21 32	0n 4	18 54	4 30	12 18	1 5	4 9	1 27	21 56	1 18	23 43	0 15	22 20	1 8	4 40	16 37	8 4	7 40	6 31	17 14	3 40
S 3	17 37	9 2	4 18	21 27	0 16	18 59	4 27	12 4	1 4	4 11	1 27	21 57	1 18	23 43	0 15	22 20	1 8	4 39	16 36	8 4	7 41	6 33	17 14	3 40
S 4	17 21	12 44	4 54	21 18	0 28	19 3	4 23	11 50	1 4	4 13	1 27	21 57	1 18	23 43	0 15	22 20	1 8	4 38	16 35	8 4	7 42	6 35	17 15	3 41
M 5	17 5	15 40	5 12	21 8	0 39	19 8	4 20	11 36	1 4	4 15	1 27	21 57	1 18	23 42	0 15	22 20	1 8	4 37	16 35	8 4	7 43	6 37	17 15	3 41
T 6	16 49	17 39	5 11	20 54	0 49	19 12	4 16	11 22	1 3	4 17	1 28	21 57	1 18	23 42	0 15	22 20	1 8	4 36	16 34	8 5	7 45	6 38	17 15	3 41
W 7	16 32	18 36	4 52	20 38	0 59	19 16	4 12	11 8	1 3	4 19	1 28	21 58	1 18	23 42	0 15	22 20	1 8	4 35	16 34	8 7	7 46	6 40	17 15	3 42
T 8	16 15	18 27	4 18	20 19	1 7	19 20	4 8	10 54	1 3	4 21	1 28	21 58	1 18	23 42	0 15	22 20	1 8	4 35	16 33	8 8	7 47	6 42	17 15	3 42
F 9	15 58	17 16	3 29	19 57	1 15	19 24	4 4	10 40	1 2	4 23	1 28	21 58	1 18	23 42	0 15	22 20	1 8	4 34	16 33	8 9	7 48	6 44	17 15	3 42
S 10	15 41	15 12	2 31	19 33	1 22	19 27	4 0	10 25	1 2	4 25	1 29	21 59	1 18	23 42	0 15	22 20	1 8	4 33	16 32	8 10	7 49	6 46	17 15	3 43
S 11	15 23	12 24	1 25	19 7	1 28	19 30	3 56	10 11	1 2	4 28	1 29	21 59	1 19	23 42	0 15	22 20	1 8	4 32	16 32	8 11	7 51	6 47	17 15	3 43
M12	15 5	9 4	0 17	18 38	1 33	19 33	3 52	9 57	1 1	4 30	1 29	21 59	1 19	23 42	0 15	22 20	1 8	4 31	16 31	8 11	7 52	6 49	17 15	3 43
T 13	14 47	5 24	0s51	18 7	1 37	19 36	3 47	9 42	1 1	4 32	1 29	21 59	1 19	23 42	0 15	22 20	1 8	4 30	16 30	8 11	7 53	6 51	17 15	3 44
W14	14 29	1 35	1 56	17 34	1 40	19 38	3 43	9 28	1 1	4 35	1 30	22 0	1 19	23 42	0 15	22 20	1 8	4 29	16 30	8 11	7 54	6 53	17 15	3 44
T 15	14 10	2n15	2 54	16 59	1 43	19 41	3 38	9 13	1 0	4 37	1 30	22 0	1 19	23 42	0 15	22 20	1 8	4 28	16 29	8 10	7 55	6 55	17 15	3 44
F 16	13 52	5 57	3 45	16 23	1 45	19 42	3 34	8 58	1 0	4 40	1 30	22 0	1 19	23 42	0 15	22 20	1 8	4 27	16 29	8 10	7 57	6 57	17 15	3 45
S 17	13 32	9 24	4 26	15 45	1 46	19 44	3 29	8 43	1 0	4 43	1 30	22 0	1 19	23 42	0 15	22 20	1 8	4 27	16 28	8 9	7 58	6 58	17 15	3 45
S 18	13 13	12 30	4 56	15 5	1 46	19 45	3 24	8 29	0 59	4 45	1 30	22 0	1 19	23 42	0 15	22 20	1 8	4 26	16 28	8 9	7 59	7 0	17 15	3 46
M19	12 54	15 5	5 13	14 25	1 46	19 46	3 20	8 14	0 59	4 48	1 31	22 1	1 19	23 42	0 15	22 20	1 8	4 25	16 27	8 9	8 0	7 2	17 15	3 46
T 20	12 34	17 4	5 16	13 43	1 45	19 46	3 15	7 59	0 59	4 51	1 31	22 1	1 19	23 42	0 15	22 20	1 8	4 24	16 27	8 9	8 1	7 4	17 15	3 46
W21	12 14	18 17	5 5	13 0	1 43	19 46	3 10	7 44	0 58	4 53	1 31	22 1	1 19	23 42	0 15	22 20	1 8	4 23	16 26	8 9	8 3	7 6	17 15	3 47
T 22	11 54	18 37	4 39	12 17	1 41	19 46	3 5	7 29	0 58	4 56	1 31	22 1	1 19	23 42	0 15	22 20	1 8	4 22	16 26	8 10	8 4	7 8	17 15	3 47
F 23	11 34	17 58	3 57	11 33	1 38	19 45	3 0	7 14	0 58	4 59	1 31	22 1	1 19	23 42	0 15	22 20	1 8	4 21	16 25	8 10	8 5	7 9	17 15	3 47
S 24	11 13	16 17	3 1	10 48	1 35	19 43	2 56	6 59	0 57	5 2	1 32	22 1	1 19	23 42	0 15	22 20	1 8	4 20	16 25	8 11	8 6	7 11	17 14	3 48
S 25	10 53	13 36	1 53	10 3	1 32	19 42	2 51	6 43	0 57	5 5	1 32	22 2	1 19	23 42	0 15	22 20	1 8	4 19	16 24	8 11	8 7	7 13	17 14	3 48
M26	10 32	10 3	0 37	9 17	1 28	19 40	2 46	6 28	0 57	5 8	1 32	22 2	1 19	23 42	0 15	22 20	1 8	4 18	16 24	8 11	8 9	7 15	17 14	3 48
T 27	10 11	5 50	0n44	8 31	1 23	19 37	2 41	6 13	0 56	5 11	1 32	22 2	1 19	23 42	0 15	22 20	1 8	4 17	16 23	8 11	8 10	7 17	17 14	3 49
W28	9 50	1 14	2 2	7 45	1 18	19 34	2 36	5 58	0 56	5 14	1 32	22 2	1 19	23 42	0 15	22 20	1 8	4 16	16 23	8 11	8 11	7 18	17 14	3 49
T 29	9 29	3s27	3 12	6 59	1 13	19 31	2 31	5 42	0 55	5 17	1 32	22 2	1 19	23 42	0 15	22 20	1 8	4 15	16 22	8 11	8 12	7 20	17 14	3 50
F 30	9 7	7 54	4 10	6 13	1 8	19 27	2 26	5 27	0 55	5 20	1 32	22 2	1 19	23 42	0 15	22 20	1 8	4 14	16 22	8 11	8 13	7 22	17 13	3 50
S 31	8n46	11s50	4n51	5n26	1n 2	19n22	2s21	5n11	0n55	5s23	1s33	22n 2	1s19	23s42	0s15	22n20	1s 8	4n13	16n22	8n11	8n15	7n24	17n13	3s50

Julian Day Number = 2355698.5, Delta T = 12.67 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'36, Lahiri = 20°11'37Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1737
geocentric

SEPTEMBER 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 40	8♍29'16	29♏41	20♍24	22♋56	19♍39	19°R52	24♊42	28°R 1	0♋36	28♎57	9♍ 4	8♍51	28♈59	4♊ 5	S 1
M 2	22 44 37	9°27'27	13♐42	22° 6	23°57	20°18	19♓44	24°45	28♐ 0	0°37	28°58	9° 4	8°48	29° 6	4° 6	M 2
T 3	22 48 33	10°25'40	27°26	23°48	24°59	20°57	19°36	24°49	28° 0	0°38	29° 0	9° 4	8°45	29°12	4° 7	T 3
W 4	22 52 30	11°23'55	10♑54	25°28	26° 1	21°35	19°28	24°53	28° 0	0°39	29° 2	9° 4	8°41	29°19	4° 7	W 4
T 5	22 56 26	12°22'11	24° 6	27° 7	27° 3	22°14	19°21	24°56	28° 0	0°40	29° 4	9° 5	8°38	29°26	4° 7	T 5
F 6	23 0 23	13°20'28	7♒ 3	28°44	28° 6	22°52	19°13	25° 0	28° 0	0°41	29° 6	9° 5	8°35	29°32	4° 8	F 6
S 7	23 4 19	14°18'47	19°46	0♎21	29° 9	23°31	19° 5	25° 3	28°D 0	0°42	29° 7	9° 5	8°32	29°39	4° 8	S 7
S 8	23 8 16	15°17'08	2♓17	1°57	0♌13	24°10	18°57	25° 6	28° 0	0°43	29° 9	9° 6	8°29	29°46	4° 8	S 8
M 9	23 12 12	16°15'31	14°36	3°31	1°16	24°49	18°49	25°10	28° 0	0°44	29°11	9°R 6	8°26	29°53	4° 8	M 9
T 10	23 16 9	17°13'55	26°45	5° 4	2°20	25°27	18°41	25°13	28° 0	0°44	29°13	9° 5	8°22	29°59	4°R 8	T 10
W11	23 20 6	18°12'22	8♈47	6°36	3°24	26° 6	18°33	25°16	28° 0	0°45	29°15	9° 5	8°19	0♉ 6	4° 8	W11
T 12	23 24 2	19°10'50	20°42	8° 8	4°29	26°45	18°25	25°18	28° 1	0°46	29°17	9° 3	8°16	0°13	4° 8	T 12
F 13	23 27 59	20° 9'20	2♉33	9°38	5°34	27°24	18°17	25°21	28° 1	0°47	29°19	9° 2	8°13	0°19	4° 8	F 13
S 14	23 31 55	21° 7'53	14°23	11° 6	6°39	28° 3	18° 9	25°24	28° 1	0°47	29°21	9° 0	8°10	0°26	4° 8	S 14
S 15	23 35 52	22° 6'28	26°16	12°34	7°44	28°42	18° 1	25°26	28° 2	0°48	29°23	8°59	8° 6	0°33	4° 8	S 15
M16	23 39 48	23° 5'05	8♊15	14° 1	8°49	29°21	17°53	25°29	28° 2	0°49	29°25	8°57	8° 3	0°39	4° 7	M16
T 17	23 43 45	24° 3'44	20°25	15°27	9°55	29°59	17°45	25°31	28° 3	0°49	29°27	8°D57	8° 0	0°46	4° 7	T 17
W18	23 47 41	25° 2'25	2♋50	16°51	11° 1	0♎39	17°37	25°34	28° 3	0°50	29°29	8°57	7°57	0°53	4° 6	W18
T 19	23 51 38	26° 1'09	15°34	18°14	12° 7	1°18	17°29	25°36	28° 4	0°50	29°31	8°58	7°54	0°59	4° 6	T 19
F 20	23 55 35	26°59'55	28°41	19°36	13°14	1°57	17°22	25°38	28° 4	0°51	29°33	8°59	7°51	1° 6	4° 5	F 20
S 21	23 59 31	27°58'43	12♌14	20°57	14°20	2°36	17°14	25°40	28° 5	0°51	29°36	9° 0	7°47	1°13	4° 4	S 21
S 22	0 3 28	28°57'33	26°13	22°17	15°27	3°15	17° 6	25°42	28° 6	0°52	29°38	9° 1	7°44	1°20	4° 4	S 22
M23	0 7 24	29°56'26	10♍38	23°35	16°34	3°54	16°59	25°43	28° 7	0°52	29°40	9°R 2	7°41	1°26	4° 3	M23
T 24	0 11 21	0♎55'20	25°23	24°52	17°41	4°34	16°51	25°45	28° 8	0°52	29°42	9° 1	7°38	1°33	4° 2	T 24
W25	0 15 17	1°54'17	10♎24	26° 8	18°49	5°13	16°44	25°46	28° 8	0°53	29°44	8°59	7°35	1°40	4° 1	W25
T 26	0 19 14	2°53'16	25°29	27°22	19°57	5°52	16°36	25°48	28° 9	0°53	29°46	8°57	7°31	1°46	4° 0	T 26
F 27	0 23 10	3°52'16	10♏32	28°34	21° 4	6°31	16°29	25°49	28°10	0°53	29°49	8°53	7°28	1°53	3°59	F 27
S 28	0 27 7	4°51'19	25°22	29°45	22°12	7°11	16°22	25°50	28°11	0°53	29°51	8°50	7°25	2° 0	3°57	S 28
S 29	0 31 3	5°50'23	9♐53	0♏53	23°21	7°50	16°15	25°51	28°13	0°54	29°53	8°47	7°22	2° 6	3°56	S 29
M30	0 35 0	6♎49'29	24♐ 1	2♏ 0	24♌29	8♎30	16♓ 8	25♊52	28♐14	0♋54	29♎55	8♍45	7♍19	2♉13	3♊55	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n24	15s 0	5n13	4n40	0n56	19n18	2s15	4n56	0n54	5s26	1s33	22n 2	1s19	23s42	0s15	22n20	1s 8	4n12	16n21	8n11	8n16	7n26	17n13	3s51
M 2	8 2	17 14	5 16	3 54	0 50	19 12	2 10	4 40	0 54	5 30	1 33	22 3	1 20	23 42	0 15	22 20	1 9	4 11	16 21	8 11	8 17	7 28	17 13	3 51
T 3	7 40	18 25	5 1	3 8	0 43	19 6	2 5	4 25	0 54	5 33	1 33	22 3	1 20	23 42	0 15	22 20	1 9	4 10	16 20	8 11	8 18	7 29	17 12	3 51
W 4	7 18	18 32	4 30	2 22	0 37	19 0	2 0	4 9	0 53	5 36	1 33	22 3	1 20	23 42	0 15	22 20	1 9	4 9	16 20	8 11	8 19	7 31	17 12	3 52
T 5	6 56	17 38	3 45	1 36	0 30	18 53	1 55	3 54	0 53	5 39	1 33	22 3	1 20	23 42	0 15	22 20	1 9	4 8	16 19	8 11	8 21	7 33	17 12	3 52
F 6	6 33	15 49	2 49	0 51	0 23	18 46	1 50	3 38	0 52	5 42	1 33	22 3	1 20	23 42	0 15	22 20	1 9	4 7	16 19	8 10	8 22	7 35	17 11	3 53
S 7	6 11	13 14	1 45	0 6	0 16	18 38	1 45	3 22	0 52	5 45	1 33	22 3	1 20	23 42	0 15	22 20	1 9	4 6	16 19	8 10	8 23	7 37	17 11	3 53
S 8	5 48	10 5	0 38	0s39	0 8	18 30	1 40	3 7	0 52	5 49	1 33	22 3	1 20	23 42	0 15	22 19	1 9	4 5	16 18	8 10	8 24	7 38	17 11	3 53
M 9	5 26	6 32	0s30	1 23	0 1	18 21	1 35	2 51	0 51	5 52	1 33	22 3	1 20	23 42	0 15	22 19	1 9	4 4	16 18	8 10	8 25	7 40	17 10	3 54
T 10	5 3	2 46	1 36	2 7	0s 6	18 12	1 30	2 35	0 51	5 55	1 33	22 3	1 20	23 42	0 15	22 19	1 9	4 3	16 17	8 10	8 26	7 42	17 10	3 54
W11	4 40	1n 5	2 37	2 50	0 14	18 2	1 25	2 19	0 50	5 58	1 34	22 3	1 20	23 42	0 15	22 19	1 9	4 2	16 17	8 11	8 28	7 44	17 10	3 54
T 12	4 17	4 50	3 31	3 33	0 22	17 52	1 20	2 3	0 50	6 1	1 34	22 3	1 20	23 42	0 15	22 19	1 9	4 1	16 17	8 11	8 29	7 46	17 9	3 55
F 13	3 54	8 23	4 15	4 16	0 29	17 41	1 15	1 48	0 50	6 5	1 34	22 3	1 20	23 42	0 15	22 19	1 9	4 0	16 16	8 12	8 30	7 47	17 9	3 55
S 14	3 31	11 36	4 48	4 58	0 37	17 30	1 11	1 32	0 49	6 8	1 34	22 3	1 20	23 42	0 15	22 19	1 9	3 59	16 16	8 12	8 31	7 49	17 8	3 56
S 15	3 8	14 20	5 9	5 40	0 45	17 18	1 6	1 16	0 49	6 11	1 34	22 3	1 20	23 42	0 15	22 19	1 9	3 58	16 16	8 13	8 32	7 51	17 8	3 56
M16	2 45	16 30	5 16	6 21	0 53	17 6	1 1	1 0	0 48	6 14	1 34	22 3	1 20	23 42	0 15	22 19	1 9	3 57	16 15	8 13	8 34	7 53	17 8	3 56
T 17	2 22	17 58	5 10	7 1	1 0	16 53	0 56	0 44	0 48	6 17	1 34	22 3	1 20	23 42	0 15	22 19	1 9	3 56	16 15	8 14	8 35	7 55	17 7	3 57
W18	1 58	18 37	4 49	7 41	1 8	16 40	0 51	0 28	0 48	6 20	1 34	22 3	1 20	23 42	0 15	22 19	1 9	3 55	16 15	8 14	8 36	7 56	17 7	3 57
T 19	1 35	18 21	4 14	8 20	1 16	16 26	0 47	0 12	0 47	6 23	1 34	22 3	1 21	23 42	0 15	22 19	1 9	3 54	16 14	8 13	8 37	7 58	17 6	3 57
F 20	1 12	17 7	3 25	8 58	1 24	16 12	0 42	0s 4	0 47	6 26	1 34	22 3	1 21	23 42	0 15	22 19	1 9	3 53	16 14	8 13	8 38	8 0	17 6	3 58
S 21	0 48	14 52	2 23	9 36	1 31	15 57	0 37	0 20	0 46	6 29	1 34	22 3	1 21	23 42	0 15	22 19	1 9	3 52	16 14	8 12	8 40	8 2	17 5	3 58
S 22	0 25	11 42	1 10	10 13	1 39	15 42	0 33	0 36	0 46	6 32	1 34	22 3	1 21	23 42	0 15	22 19	1 9	3 51	16 13	8 12	8 41	8 4	17 5	3 59
M23	0 1	7 44	0n 9	10 49	1 46	15 27	0 28	0 52	0 45	6 35	1 34	22 3	1 21	23 42	0 15	22 19	1 9	3 50	16 13	8 12	8 42	8 5	17 4	3 59
T 24	0s22	3 12	1 29	11 24	1 53	15 11	0 24	1 8	0 45	6 38	1 34	22 3	1 21	23 42	0 15	22 19	1 9	3 49	16 13	8 12	8 43	8 7	17 4	3 59
W25	0 46	1s36	2 44	11 58	2 1	14 54	0 19	1 24	0 45	6 41	1 34	22 3	1 21	23 42	0 15	22 19	1 9	3 48	16 13	8 13	8 44	8 9	17 3	4 0
T 26	1 9	6 19	3 48	12 32	2 8	14 37	0 15	1 40	0 44	6 44	1 33	22 3	1 21	23 42	0 15	22 19	1 9	3 47	16 12	8 14	8 45	8 11	17 3	4 0
F 27	1 32	10 37	4 37	13 5	2 15	14 20	0 10	1 55	0 44	6 47	1 33	22 3	1 21	23 42	0 15	22 19	1 9	3 46	16 12	8 15	8 47	8 13	17 2	4 0
S 28	1 56	14 11	5 5	13 36	2 21	14 2	0 6	2 11	0 43	6 49	1 33	22 3	1 21	23 42	0 15	22 19	1 9	3 45	16 12	8 16	8 48	8 14	17 2	4 1
S 29	2 19	16 47	5 14	14 6	2 28	13 44	0 2	2 27	0 43	6 52	1 33	22 3	1 21	23 42	0 15	22 19	1 9	3 44	16 11	8 17	8 49	8 16	17 1	4 1
M30	2s43	18s18	5n 3	14s36	2s34	13n25	0n 2	2s43	0n42	6s55	1s33	22n 3	1s21	23s42	0s15	22n19	1s 9	3n43	16n11	8n18	8n50	8n18	17n 0	4s 1

Julian Day Number = 2355729.5, Delta T = 12.69 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'41, Lahiri = 20°11'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

OCTOBER 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 57	7♎48'37	7♉45	3♏ 5	25♌37	9♎ 9	16°R 1	25♊53	28♐15	0♋54	29♎58	8°D44	7♍16	2♉20	3°R53	T 1
W 2	0 42 53	8°47'46	21° 5	4° 7	26°46	9°49	15♓54	25°54	28°16	0°54	29°59	8♍45	7°12	2°27	3♊52	W 2
T 3	0 46 50	9°46'58	4♒ 5	5° 7	27°55	10°28	15°47	25°55	28°18	0°54	0♏ 2	8°46	7° 9	2°33	3°50	T 3
F 4	0 50 46	10°46'11	16°46	6° 5	29° 4	11° 8	15°41	25°55	28°19	0°R54	0° 5	8°48	7° 6	2°40	3°49	F 4
S 5	0 54 43	11°45'26	29°13	6°59	0♍13	11°47	15°34	25°55	28°20	0°54	0° 7	8°49	7° 3	2°47	3°47	S 5
S 6	0 58 39	12°44'42	11♓27	7°50	1°23	12°27	15°28	25°56	28°22	0°54	0° 9	8°R50	7° 0	2°53	3°45	S 6
M 7	1 2 36	13°44'01	23°33	8°38	2°32	13° 6	15°22	25°56	28°23	0°54	0°12	8°49	6°57	3° 0	3°44	M 7
T 8	1 6 32	14°43'22	5♈33	9°22	3°42	13°46	15°16	25°R56	28°25	0°54	0°14	8°46	6°53	3° 7	3°42	T 8
W 9	1 10 29	15°42'44	17°27	10° 1	4°51	14°26	15°10	25°56	28°26	0°54	0°16	8°41	6°50	3°13	3°40	W 9
T 10	1 14 26	16°42'09	29°19	10°36	6° 1	15° 6	15° 4	25°56	28°28	0°53	0°19	8°35	6°47	3°20	3°38	T 10
F 11	1 18 22	17°41'35	11♉10	11° 6	7°11	15°45	14°59	25°56	28°30	0°53	0°21	8°27	6°44	3°27	3°36	F 11
S 12	1 22 19	18°41'04	23° 2	11°30	8°22	16°25	14°53	25°55	28°31	0°53	0°23	8°20	6°41	3°33	3°34	S 12
S 13	1 26 15	19°40'36	4♊57	11°49	9°32	17° 5	14°48	25°55	28°33	0°53	0°26	8°12	6°37	3°40	3°32	S 13
M14	1 30 12	20°40'09	16°57	12° 1	10°43	17°45	14°43	25°54	28°35	0°52	0°28	8° 6	6°34	3°47	3°30	M14
T 15	1 34 8	21°39'45	29° 6	12°R 5	11°53	18°25	14°38	25°53	28°37	0°52	0°31	8° 2	6°31	3°54	3°27	T 15
W16	1 38 5	22°39'23	11♋28	12° 2	13° 4	19° 5	14°33	25°53	28°39	0°52	0°33	7°59	6°28	4° 0	3°25	W16
T 17	1 42 1	23°39'03	24° 7	11°51	14°15	19°45	14°29	25°52	28°41	0°51	0°35	7°D58	6°25	4° 7	3°23	T 17
F 18	1 45 58	24°38'45	7♌ 6	11°31	15°26	20°25	14°25	25°51	28°43	0°51	0°38	7°59	6°22	4°14	3°20	F 18
S 19	1 49 55	25°38'30	20°30	11° 3	16°37	21° 5	14°20	25°50	28°45	0°50	0°40	8° 0	6°18	4°20	3°18	S 19
S 20	1 53 51	26°38'17	4♍22	10°26	17°48	21°45	14°16	25°48	28°47	0°50	0°43	8°R 1	6°15	4°27	3°15	S 20
M21	1 57 48	27°38'06	18°41	9°39	19° 0	22°25	14°12	25°47	28°49	0°49	0°45	8° 1	6°12	4°34	3°13	M21
T 22	2 1 44	28°37'58	3♎26	8°45	20°11	23° 5	14° 9	25°45	28°51	0°49	0°48	7°58	6° 9	4°40	3°10	T 22
W23	2 5 41	29°37'51	18°32	7°42	21°23	23°46	14° 5	25°44	28°53	0°48	0°50	7°53	6° 6	4°47	3° 7	W23
T 24	2 9 37	0♏37'47	3♏49	6°34	22°34	24°26	14° 2	25°42	28°56	0°47	0°52	7°47	6° 2	4°54	3° 5	T 24
F 25	2 13 34	1°37'44	19° 7	5°20	23°46	25° 6	13°59	25°40	28°58	0°47	0°55	7°38	5°59	5° 1	3° 2	F 25
S 26	2 17 30	2°37'43	4♐15	4° 3	24°58	25°46	13°56	25°39	29° 0	0°46	0°57	7°30	5°56	5° 7	2°59	S 26
S 27	2 21 27	3°37'44	19° 3	2°46	26°10	26°27	13°53	25°37	29° 3	0°45	1° 0	7°22	5°53	5°14	2°56	S 27
M28	2 25 23	4°37'47	3♑24	1°30	27°22	27° 7	13°51	25°34	29° 5	0°44	1° 2	7°16	5°50	5°21	2°53	M28
T 29	2 29 20	5°37'52	17°16	0°19	28°34	27°48	13°49	25°32	29° 8	0°44	1° 5	7°12	5°47	5°27	2°50	T 29
W30	2 33 17	6°37'58	0♒40	29♎14	29°47	28°28	13°46	25°30	29°10	0°43	1° 7	7°11	5°43	5°34	2°47	W30
T 31	2 37 13	7♏38'05	13♒37	28♎17	0♎59	29♎ 9	13♓45	25♊28	29♐13	0♋42	1♏ 9	7°D10	5♍40	5♉41	2♊44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 6	18s40	4n35	15s 4	2s40	13n 6	0n 6	2s59	0n42	6s57	1s33	22n 3	1s21	23s42	0s15	22n19	1s 9	3n42	16n11	8n18	8n51	8n20	17n 0	4s 2
W 2	3 30	17 59	3 52	15 31	2 46	12 46	0 10	3 15	0 42	7 0	1 33	22 3	1 21	23 42	0 15	22 19	1 9	3 41	16 11	8 18	8 53	8 22	16 59	4 2
T 3	3 53	16 22	2 59	15 56	2 51	12 26	0 14	3 31	0 41	7 2	1 33	22 3	1 21	23 42	0 15	22 19	1 9	3 40	16 11	8 17	8 54	8 23	16 59	4 2
F 4	4 16	13 57	1 58	16 20	2 56	12 6	0 18	3 47	0 41	7 5	1 33	22 3	1 22	23 42	0 15	22 19	1 9	3 39	16 10	8 17	8 55	8 25	16 58	4 3
S 5	4 39	10 57	0 52	16 43	3 1	11 45	0 22	4 3	0 40	7 7	1 33	22 3	1 22	23 42	0 15	22 19	1 10	3 38	16 10	8 16	8 56	8 27	16 57	4 3
S 6	5 2	7 30	0s14	17 4	3 5	11 24	0 26	4 19	0 40	7 9	1 33	22 3	1 22	23 42	0 15	22 19	1 10	3 38	16 10	8 16	8 57	8 29	16 57	4 3
M 7	5 26	3 47	1 20	17 23	3 9	11 3	0 30	4 35	0 39	7 12	1 32	22 3	1 22	23 42	0 15	22 19	1 10	3 37	16 10	8 17	8 58	8 31	16 56	4 4
T 8	5 49	0n 3	2 20	17 40	3 12	10 41	0 33	4 51	0 39	7 14	1 32	22 3	1 22	23 42	0 15	22 18	1 10	3 36	16 10	8 18	9 0	8 32	16 55	4 4
W 9	6 12	3 52	3 15	17 55	3 15	10 19	0 37	5 6	0 38	7 16	1 32	22 3	1 22	23 42	0 15	22 18	1 10	3 35	16 10	8 19	9 1	8 34	16 55	4 5
T 10	6 34	7 30	4 0	18 8	3 16	9 56	0 40	5 22	0 38	7 18	1 32	22 3	1 22	23 42	0 15	22 18	1 10	3 34	16 9	8 22	9 2	8 36	16 54	4 5
F 11	6 57	10 50	4 35	18 18	3 17	9 34	0 44	5 38	0 37	7 20	1 32	22 3	1 22	23 42	0 15	22 18	1 10	3 33	16 9	8 25	9 3	8 38	16 53	4 5
S 12	7 20	13 44	4 58	18 26	3 17	9 10	0 47	5 54	0 37	7 22	1 32	22 3	1 22	23 42	0 15	22 18	1 10	3 32	16 9	8 27	9 4	8 40	16 53	4 5
S 13	7 42	16 5	5 9	18 31	3 17	8 47	0 50	6 9	0 37	7 24	1 32	22 2	1 22	23 42	0 15	22 18	1 10	3 31	16 9	8 30	9 6	8 41	16 52	4 6
M14	8 5	17 46	5 5	18 33	3 15	8 23	0 54	6 25	0 36	7 26	1 31	22 2	1 22	23 42	0 15	22 18	1 10	3 30	16 9	8 33	9 7	8 43	16 51	4 6
T 15	8 27	18 39	4 49	18 31	3 12	7 59	0 57	6 41	0 36	7 28	1 31	22 2	1 22	23 42	0 15	22 18	1 10	3 29	16 9	8 34	9 8	8 45	16 50	4 6
W16	8 50	18 41	4 18	18 26	3 7	7 35	1 0	6 56	0 35	7 29	1 31	22 2	1 22	23 42	0 15	22 18	1 10	3 28	16 9	8 35	9 9	8 47	16 50	4 7
T 17	9 12	17 48	3 35	18 17	3 1	7 10	1 3	7 12	0 35	7 31	1 31	22 2	1 22	23 42	0 15	22 18	1 10	3 28	16 9	8 35	9 10	8 48	16 49	4 7
F 18	9 34	15 57	2 39	18 4	2 54	6 45	1 5	7 28	0 34	7 32	1 31	22 2	1 22	23 42	0 15	22 18	1 10	3 27	16 8	8 35	9 11	8 50	16 48	4 7
S 19	9 55	13 12	1 33	17 46	2 45	6 20	1 8	7 43	0 34	7 34	1 30	22 2	1 22	23 42	0 15	22 18	1 10	3 26	16 8	8 35	9 13	8 52	16 47	4 8
S 20	10 17	9 37	0 20	17 24	2 34	5 55	1 11	7 58	0 33	7 35	1 30	22 2	1 22	23 43	0 15	22 18	1 10	3 25	16 8	8 34	9 14	8 54	16 47	4 8
M21	10 39	5 21	0n57	16 57	2 21	5 29	1 14	8 14	0 33	7 36	1 30	22 2	1 22	23 43	0 15	22 18	1 10	3 24	16 8	8 35	9 15	8 56	16 46	4 8
T 22	11 0	0 39	2 12	16 26	2 7	5 3	1 16	8 29	0 32	7 38	1 30	22 2	1 23	23 43	0 15	22 18	1 10	3 23	16 8	8 35	9 16	8 57	16 45	4 9
W23	11 21	4s11	3 20	15 51	1 51	4 37	1 18	8 45	0 32	7 39	1 30	22 2	1 23	23 43	0 15	22 18	1 10	3 22	16 8	8 37	9 17	8 59	16 44	4 9
T 24	11 42	8 49	4 14	15 11	1 33	4 11	1 21	9 0	0 31	7 40	1 29	22 1	1 23	23 43	0 15	22 18	1 10	3 22	16 8	8 40	9 18	9 1	16 44	4 9
F 25	12 3	12 52	4 50	14 29	1 14	3 45	1 23	9 15	0 31	7 41	1 29	22 1	1 23	23 43	0 15	22 18	1 10	3 21	16 8	8 43	9 20	9 3	16 43	4 9
S 26	12 24	16 1	5 5	13 44	0 54	3 18	1 25	9 30	0 30	7 42	1 29	22 1	1 23	23 43	0 15	22 18	1 10	3 20	16 8	8 46	9 21	9 5	16 42	4 10
S 27	12 45	18 3	4 59	12 59	0 34	2 52	1 27	9 45	0 30	7 43	1 29	22 1	1 23	23 43	0 15	22 18	1 10	3 19	16 8	8 49	9 22	9 6	16 41	4 10
M28	13 5	18 51	4 35	12 13	0 13	2 25	1 29	10 0	0 29	7 43	1 29	22 1	1 23	23 43	0 15	22 18	1 10	3 18	16 8	8 51	9 23	9 8	16 40	4 10
T 29	13 25	18 29	3 54	11 29	0n 7	1 58	1 31	10 15	0 29	7 44	1 28	22 1	1 23	23 43	0 15	22 18	1 10	3 18	16 8	8 53	9 24	9 10	16 40	4 10
W30	13 45	17 4	3 3	10 48	0 27	1 31	1 33	10 30	0 28	7 45	1 28	22 1	1 23	23 43	0 15	22 18	1 10	3 17	16 8	8 53	9 25	9 12	16 39	4 11
T 31	14s 5	14s48	2n 3	10s10	0n46	1n 3	1n35	10s45	0n28	7s45	1s28	22n 1	1s23	23s43	0s15	22n18	1s10	3n16	16n 8	8n53	9n27	9n13	16n38	4s11

Julian Day Number = 2355759.5, Delta T = 12.71 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'45, Lahiri = 20°11'45Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

NOVEMBER 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 10	8♏38'14	26♒13	27°R30	2♎12	29♎49	13°R43	25°R25	29♐15	0°R41	1♏12	7♍11	5♍37	5♉48	2°R41	F 1
S 2	2 45 6	9°38'25	8♓31	26♎53	3°24	0♏30	13♓41	25♊22	29°18	0♋40	1°14	7°R12	5°34	5°54	2♊38	S 2
S 3	2 49 3	10°38'37	20°37	26°29	4°37	1°10	13°40	25°20	29°21	0°39	1°17	7°11	5°31	6° 1	2°35	S 3
M 4	2 52 59	11°38'50	2♈35	26°16	5°49	1°51	13°39	25°17	29°23	0°38	1°19	7° 7	5°28	6° 8	2°32	M 4
T 5	2 56 56	12°39'06	14°27	26°D14	7° 2	2°32	13°38	25°14	29°26	0°37	1°21	7° 1	5°24	6°14	2°29	T 5
W 6	3 0 52	13°39'22	26°18	26°23	8°15	3°13	13°38	25°11	29°29	0°36	1°24	6°53	5°21	6°21	2°26	W 6
T 7	3 4 49	14°39'41	8♉ 9	26°43	9°28	3°53	13°37	25° 8	29°31	0°35	1°26	6°41	5°18	6°28	2°22	T 7
F 8	3 8 46	15°40'01	20° 2	27°13	10°41	4°34	13°37	25° 5	29°34	0°34	1°29	6°28	5°15	6°34	2°19	F 8
S 9	3 12 42	16°40'23	1♊58	27°51	11°54	5°15	13°D37	25° 1	29°37	0°33	1°31	6°15	5°12	6°41	2°16	S 9
S 10	3 16 39	17°40'47	13°59	28°36	13° 7	5°56	13°37	24°58	29°40	0°32	1°33	6° 2	5° 8	6°48	2°13	S 10
M11	3 20 35	18°41'12	26° 6	29°29	14°21	6°37	13°37	24°55	29°43	0°31	1°36	5°50	5° 5	6°55	2° 9	M11
T 12	3 24 32	19°41'40	8♋21	0♏28	15°34	7°18	13°38	24°51	29°46	0°29	1°38	5°41	5° 2	7° 1	2° 6	T 12
W13	3 28 28	20°42'09	20°46	1°32	16°47	7°59	13°39	24°48	29°49	0°28	1°40	5°35	4°59	7° 8	2° 3	W13
T 14	3 32 25	21°42'39	3♌25	2°41	18° 1	8°40	13°40	24°44	29°52	0°27	1°43	5°31	4°56	7°15	1°59	T 14
F 15	3 36 21	22°43'12	16°20	3°53	19°14	9°21	13°41	24°40	29°55	0°26	1°45	5°30	4°53	7°21	1°56	F 15
S 16	3 40 18	23°43'47	29°36	5° 9	20°28	10° 2	13°42	24°36	29°58	0°25	1°47	5°30	4°49	7°28	1°52	S 16
S 17	3 44 15	24°44'23	13♍15	6°28	21°42	10°43	13°44	24°32	0♑ 1	0°23	1°50	5°29	4°46	7°35	1°49	S 17
M18	3 48 11	25°45'01	27°21	7°49	22°55	11°24	13°46	24°29	0° 4	0°22	1°52	5°28	4°43	7°42	1°45	M18
T 19	3 52 8	26°45'40	11♎52	9°13	24° 9	12° 6	13°48	24°24	0° 7	0°21	1°54	5°24	4°40	7°48	1°42	T 19
W20	3 56 4	27°46'22	26°46	10°38	25°23	12°47	13°50	24°20	0°10	0°19	1°56	5°18	4°37	7°55	1°39	W20
T 21	4 0 1	28°47'05	11♏55	12° 5	26°37	13°28	13°52	24°16	0°14	0°18	1°59	5° 8	4°34	8° 2	1°35	T 21
F 22	4 3 57	29°47'49	27°11	13°32	27°51	14°10	13°55	24°12	0°17	0°16	2° 1	4°57	4°30	8° 8	1°32	F 22
S 23	4 7 54	0♐48'35	12♐22	15° 1	29° 5	14°51	13°58	24° 8	0°20	0°15	2° 3	4°45	4°27	8°15	1°28	S 23
S 24	4 11 50	1°49'22	27°17	16°31	0♏19	15°33	14° 1	24° 3	0°23	0°14	2° 5	4°34	4°24	8°22	1°25	S 24
M25	4 15 47	2°50'11	11♑48	18° 1	1°33	16°14	14° 4	23°59	0°27	0°12	2° 7	4°25	4°21	8°28	1°21	M25
T 26	4 19 44	3°51'00	25°50	19°32	2°47	16°56	14° 7	23°54	0°30	0°11	2°10	4°18	4°18	8°35	1°18	T 26
W27	4 23 40	4°51'50	9♒21	21° 3	4° 1	17°37	14°11	23°50	0°33	0° 9	2°12	4°15	4°14	8°42	1°14	W27
T 28	4 27 37	5°52'41	22°24	22°35	5°15	18°19	14°15	23°45	0°37	0° 8	2°14	4°13	4°11	8°49	1°11	T 28
F 29	4 31 33	6°53'33	5♓ 2	24° 7	6°29	19° 0	14°19	23°41	0°40	0° 6	2°16	4°13	4° 8	8°55	1° 7	F 29
S 30	4 35 30	7♐54'26	17♓21	25♏39	7♏44	19♏42	14♓23	23♊36	0♑43	0♋ 5	2♏18	4♍13	4♍ 5	9♉ 2	1♊ 4	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14 s24	11 s53	0n58	9 s37	1n 3	0n36	1n36	11 s 0	0n27	7 s46	1 s28	22n 1	1 s23	23 s43	0 s15	22n18	1 s10	3n15	16n 8	8n53	9n28	9n15	16n37	4 s11
S 2	14 43	8 30	0 s 7	9 9	1 19	0 9	1 38	11 15	0 27	7 46	1 28	22 1	1 23	23 43	0 15	22 18	1 10	3 15	16 8	8 53	9 29	9 17	16 36	4 11
S 3	15 2	4 49	1 11	8 48	1 32	0 s19	1 39	11 29	0 26	7 46	1 27	22 0	1 23	23 43	0 15	22 18	1 10	3 14	16 8	8 53	9 30	9 19	16 35	4 12
M 4	15 21	0 59	2 11	8 32	1 44	0 47	1 41	11 44	0 26	7 47	1 27	22 0	1 23	23 43	0 15	22 18	1 10	3 13	16 8	8 54	9 31	9 20	16 35	4 12
T 5	15 39	2n52	3 5	8 22	1 54	1 14	1 42	11 58	0 25	7 47	1 27	22 0	1 23	23 43	0 15	22 18	1 10	3 12	16 9	8 57	9 32	9 22	16 34	4 12
W 6	15 58	6 35	3 50	8 17	2 3	1 42	1 43	12 13	0 25	7 47	1 27	22 0	1 23	23 43	0 15	22 18	1 10	3 12	16 9	9 0	9 34	9 24	16 33	4 12
T 7	16 15	10 3	4 25	8 18	2 9	2 10	1 44	12 27	0 24	7 47	1 26	22 0	1 23	23 43	0 15	22 18	1 10	3 11	16 9	9 4	9 35	9 26	16 32	4 12
F 8	16 33	13 8	4 49	8 24	2 14	2 37	1 45	12 42	0 24	7 47	1 26	22 0	1 23	23 43	0 15	22 18	1 10	3 10	16 9	9 9	9 36	9 28	16 31	4 13
S 9	16 51	15 41	5 0	8 35	2 17	3 5	1 46	12 56	0 23	7 46	1 26	22 0	1 23	23 43	0 15	22 18	1 10	3 10	16 9	9 14	9 37	9 29	16 31	4 13
S 10	17 8	17 34	4 58	8 49	2 19	3 33	1 47	13 10	0 22	7 46	1 26	21 59	1 23	23 43	0 15	22 18	1 10	3 9	16 9	9 19	9 38	9 31	16 30	4 13
M11	17 24	18 42	4 43	9 7	2 20	4 1	1 48	13 24	0 22	7 46	1 25	21 59	1 23	23 43	0 15	22 18	1 10	3 8	16 9	9 23	9 39	9 33	16 29	4 13
T 12	17 41	18 59	4 14	9 28	2 20	4 28	1 48	13 38	0 21	7 45	1 25	21 59	1 23	23 43	0 15	22 18	1 10	3 8	16 9	9 26	9 41	9 35	16 28	4 13
W13	17 57	18 21	3 33	9 51	2 19	4 56	1 49	13 52	0 21	7 45	1 25	21 59	1 23	23 43	0 15	22 18	1 10	3 7	16 9	9 29	9 42	9 36	16 27	4 14
T 14	18 13	16 48	2 41	10 17	2 16	5 23	1 49	14 5	0 20	7 44	1 25	21 59	1 23	23 43	0 15	22 18	1 11	3 6	16 10	9 30	9 43	9 38	16 26	4 14
F 15	18 29	14 23	1 40	10 44	2 13	5 51	1 50	14 19	0 20	7 43	1 24	21 59	1 23	23 43	0 15	22 18	1 11	3 6	16 10	9 31	9 44	9 40	16 26	4 14
S 16	18 44	11 8	0 31	11 13	2 10	6 18	1 50	14 32	0 19	7 43	1 24	21 59	1 23	23 43	0 15	22 18	1 11	3 5	16 10	9 31	9 45	9 42	16 25	4 14
S 17	18 59	7 13	0n41	11 43	2 6	6 46	1 50	14 46	0 19	7 42	1 24	21 58	1 23	23 43	0 15	22 18	1 11	3 5	16 10	9 31	9 46	9 43	16 24	4 14
M18	19 13	2 47	1 53	12 14	2 1	7 13	1 50	14 59	0 18	7 41	1 24	21 58	1 23	23 43	0 15	22 18	1 11	3 4	16 10	9 31	9 48	9 45	16 23	4 14
T 19	19 28	1 s57	3 0	12 45	1 56	7 40	1 50	15 12	0 18	7 40	1 23	21 58	1 23	23 43	0 15	22 18	1 11	3 4	16 11	9 33	9 49	9 47	16 22	4 15
W20	19 41	6 40	3 56	13 17	1 50	8 7	1 50	15 26	0 17	7 39	1 23	21 58	1 23	23 43	0 15	22 18	1 11	3 3	16 11	9 35	9 50	9 49	16 22	4 15
T 21	19 55	11 3	4 36	13 49	1 44	8 34	1 50	15 39	0 16	7 38	1 23	21 58	1 23	23 43	0 15	22 18	1 11	3 3	16 11	9 38	9 51	9 50	16 21	4 15
F 22	20 8	14 44	4 57	14 22	1 38	9 1	1 50	15 51	0 16	7 36	1 23	21 58	1 23	23 43	0 15	22 18	1 11	3 2	16 11	9 42	9 52	9 52	16 20	4 15
S 23	20 21	17 23	4 58	14 54	1 32	9 27	1 49	16 4	0 15	7 35	1 22	21 58	1 23	23 43	0 15	22 18	1 11	3 2	16 11	9 47	9 53	9 54	16 19	4 15
S 24	20 33	18 49	4 37	15 26	1 25	9 54	1 49	16 17	0 15	7 34	1 22	21 57	1 23	23 43	0 15	22 18	1 11	3 1	16 12	9 51	9 55	9 56	16 18	4 15
M25	20 45	18 58	3 59	15 58	1 18	10 20	1 49	16 29	0 14	7 32	1 22	21 57	1 23	23 43	0 15	22 18	1 11	3 1	16 12	9 54	9 56	9 57	16 18	4 15
T 26	20 57	17 56	3 8	16 29	1 12	10 46	1 48	16 42	0 14	7 31	1 22	21 57	1 23	23 43	0 15	22 18	1 11	3 0	16 12	9 57	9 57	9 59	16 17	4 15
W27	21 8	15 53	2 7	17 0	1 5	11 11	1 47	16 54	0 13	7 29	1 21	21 57	1 23	23 43	0 15	22 18	1 11	3 0	16 12	9 58	9 58	10 1	16 16	4 15
T 28	21 19	13 5	1 2	17 31	0 58	11 37	1 47	17 6	0 12	7 27	1 21	21 57	1 23	23 43	0 15	22 18	1 11	2 59	16 13	9 59	9 59	10 3	16 15	4 15
F 29	21 29	9 45	0 s 4	18 1	0 50	12 2	1 46	17 18	0 12	7 26	1 21	21 57	1 23	23 43	0 15	22 18	1 11	2 59	16 13	9 59	10 0	10 4	16 14	4 16
S 30	21 s39	6 s 4	1 s 9	18 s30	0n43	12 s27	1n45	17 s30	0n11	7 s24	1 s21	21n56	1 s23	23 s43	0 s15	22n18	1 s11	2n58	16n13	9n59	10n 2	10n 6	16n14	4 s16

Julian Day Number = 2355790.5, Delta T = 12.73 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'49, Lahiri = 20°11'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1737
geocentric

DECEMBER 1737 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 26	8♐55'19	29♓25	27♏12	8♏58	20♏24	14♓27	23°R31	0♑47	0°R 3	2♏20	4°R11	4♍ 2	9♉ 9	1°R 0	S 1
M 2	4 43 23	9°56'14	11♈20	28°44	10°12	21° 5	14°32	23♊27	0°50	0♋ 1	2°22	4♍ 8	3°59	9°15	0♊57	M 2
T 3	4 47 19	10°57'09	23°10	0♐17	11°27	21°47	14°37	23°22	0°54	29♊59	2°24	4° 2	3°55	9°22	0°53	T 3
W 4	4 51 16	11°58'05	5♉ 0	1°50	12°41	22°29	14°42	23°17	0°57	29°58	2°26	3°52	3°52	9°29	0°50	W 4
T 5	4 55 13	12°59'02	16°52	3°23	13°55	23°11	14°47	23°12	1° 1	29°57	2°28	3°41	3°49	9°36	0°47	T 5
F 6	4 59 9	13°59'59	28°49	4°56	15°10	23°53	14°52	23° 7	1° 4	29°55	2°30	3°27	3°46	9°42	0°43	F 6
S 7	5 3 6	15° 0'58	10♊53	6°29	16°24	24°35	14°58	23° 3	1° 8	29°53	2°32	3°12	3°43	9°49	0°40	S 7
S 8	5 7 2	16° 1'57	23° 4	8° 2	17°39	25°17	15° 3	22°58	1°11	29°52	2°34	2°58	3°40	9°56	0°37	S 8
M 9	5 10 59	17° 2'57	5♋23	9°36	18°54	25°59	15° 9	22°53	1°15	29°50	2°36	2°46	3°36	10° 2	0°33	M 9
T 10	5 14 55	18° 3'58	17°51	11° 9	20° 8	26°41	15°15	22°48	1°18	29°49	2°38	2°36	3°33	10° 9	0°30	T 10
W11	5 18 52	19° 5'00	0♌29	12°43	21°23	27°23	15°21	22°43	1°22	29°47	2°40	2°29	3°30	10°16	0°27	W11
T 12	5 22 49	20° 6'03	13°18	14°16	22°37	28° 5	15°27	22°38	1°25	29°45	2°41	2°25	3°27	10°23	0°23	T 12
F 13	5 26 45	21° 7'07	26°19	15°50	23°52	28°47	15°34	22°33	1°29	29°44	2°43	2°23	3°24	10°29	0°20	F 13
S 14	5 30 42	22° 8'11	9♍36	17°24	25° 7	29°30	15°41	22°28	1°32	29°42	2°45	2°D23	3°20	10°36	0°17	S 14
S 15	5 34 38	23° 9'17	23°11	18°58	26°22	0♐12	15°48	22°23	1°36	29°40	2°47	2°R23	3°17	10°43	0°14	S 15
M16	5 38 35	24°10'23	7♎ 5	20°32	27°36	0°54	15°55	22°18	1°39	29°38	2°48	2°23	3°14	10°49	0°11	M16
T 17	5 42 31	25°11'30	21°19	22° 7	28°51	1°36	16° 2	22°13	1°43	29°37	2°50	2°20	3°11	10°56	0° 8	T 17
W18	5 46 28	26°12'38	5♏52	23°41	0♐ 6	2°19	16° 9	22° 8	1°47	29°35	2°52	2°15	3° 8	11° 3	0° 5	W18
T 19	5 50 24	27°13'47	20°39	25°16	1°21	3° 1	16°16	22° 3	1°50	29°33	2°53	2° 7	3° 5	11°10	0° 2	T 19
F 20	5 54 21	28°14'56	5♐34	26°51	2°36	3°44	16°24	21°58	1°54	29°32	2°55	1°57	3° 1	11°16	29♉59	F 20
S 21	5 58 18	29°16'06	20°28	28°26	3°50	4°26	16°32	21°53	1°57	29°30	2°57	1°47	2°58	11°23	29°56	S 21
S 22	6 2 14	0♑17'16	5♑13	0♑ 1	5° 5	5° 9	16°40	21°48	2° 1	29°28	2°58	1°37	2°55	11°30	29°53	S 22
M23	6 6 11	1°18'27	19°39	1°37	6°20	5°51	16°48	21°44	2° 5	29°27	3° 0	1°29	2°52	11°36	29°50	M23
T 24	6 10 7	2°19'38	3♒41	3°13	7°35	6°34	16°56	21°39	2° 8	29°25	3° 1	1°23	2°49	11°43	29°47	T 24
W25	6 14 4	3°20'49	17°17	4°49	8°50	7°17	17° 5	21°34	2°12	29°23	3° 3	1°20	2°46	11°50	29°44	W25
T 26	6 18 0	4°21'59	0♓25	6°25	10° 5	7°59	17°13	21°29	2°15	29°21	3° 4	1°D19	2°42	11°57	29°42	T 26
F 27	6 21 57	5°23'10	13° 9	8° 2	11°20	8°42	17°22	21°24	2°19	29°20	3° 5	1°19	2°39	12° 3	29°39	F 27
S 28	6 25 53	6°24'20	25°32	9°39	12°35	9°25	17°31	21°20	2°23	29°18	3° 7	1°20	2°36	12°10	29°37	S 28
S 29	6 29 50	7°25'31	7♈39	11°17	13°50	10° 8	17°40	21°15	2°26	29°16	3° 8	1°R21	2°33	12°17	29°34	S 29
M30	6 33 47	8°26'41	19°36	12°54	15° 5	10°51	17°49	21°10	2°30	29°15	3° 9	1°20	2°30	12°23	29°31	M30
T 31	6 37 43	9♑27'50	1♉27	14♑32	16♐20	11♐33	17♓58	21♊ 6	2♑33	29♊13	3♏11	1♍17	2♍26	12♉30	29♉29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s49	2s12	2s 9	18s58	0n36	12s52	1n44	17s42	0n11	7s22	1s20	21n56	1s23	23s43	0s15	22n18	1s11	2n58	16n14	9n59	10n 3	10n 8	16n13	4s16
M 2	21 58	1n41	3 3	19 26	0 29	13 16	1 43	17 54	0 10	7 20	1 20	21 56	1 23	23 43	0 15	22 18	1 11	2 58	16 14	10 0	10 4	10 10	16 12	4 16
T 3	22 7	5 29	3 48	19 53	0 22	13 40	1 42	18 5	0 9	7 18	1 20	21 56	1 23	23 43	0 15	22 18	1 11	2 57	16 14	10 3	10 5	10 11	16 11	4 16
W 4	22 15	9 4	4 23	20 19	0 15	14 4	1 41	18 16	0 9	7 16	1 20	21 56	1 22	23 43	0 15	22 18	1 11	2 57	16 14	10 6	10 6	10 13	16 11	4 16
T 5	22 23	12 18	4 47	20 44	0 8	14 27	1 40	18 28	0 8	7 13	1 20	21 55	1 22	23 43	0 15	22 18	1 11	2 57	16 15	10 10	10 7	10 15	16 10	4 16
F 6	22 31	15 4	4 59	21 8	0 1	14 50	1 38	18 39	0 8	7 11	1 19	21 55	1 22	23 43	0 15	22 18	1 11	2 56	16 15	10 15	10 8	10 17	16 9	4 16
S 7	22 38	17 12	4 57	21 31	0s 6	15 13	1 37	18 50	0 7	7 9	1 19	21 55	1 22	23 43	0 15	22 18	1 11	2 56	16 15	10 21	10 10	10 18	16 9	4 16
S 8	22 44	18 36	4 42	21 53	0 13	15 35	1 36	19 0	0 6	7 6	1 19	21 55	1 22	23 43	0 15	22 18	1 11	2 56	16 16	10 26	10 11	10 20	16 8	4 16
M 9	22 50	19 8	4 13	22 15	0 20	15 57	1 34	19 11	0 6	7 4	1 19	21 55	1 22	23 43	0 15	22 18	1 11	2 55	16 16	10 30	10 12	10 22	16 7	4 16
T 10	22 56	18 46	3 32	22 35	0 26	16 19	1 33	19 21	0 5	7 1	1 18	21 55	1 22	23 42	0 15	22 18	1 11	2 55	16 17	10 34	10 13	10 24	16 6	4 16
W11	23 1	17 28	2 40	22 54	0 33	16 40	1 31	19 32	0 5	6 59	1 18	21 54	1 22	23 42	0 15	22 18	1 11	2 55	16 17	10 36	10 14	10 25	16 6	4 16
T 12	23 6	15 16	1 39	23 11	0 39	17 1	1 29	19 42	0 4	6 56	1 18	21 54	1 22	23 42	0 15	22 18	1 11	2 55	16 17	10 38	10 15	10 27	16 5	4 16
F 13	23 10	12 15	0 32	23 28	0 45	17 21	1 28	19 52	0 3	6 53	1 18	21 54	1 22	23 42	0 15	22 18	1 11	2 54	16 18	10 38	10 17	10 29	16 4	4 16
S 14	23 14	8 34	0n38	23 44	0 51	17 41	1 26	20 1	0 3	6 51	1 17	21 54	1 22	23 42	0 15	22 18	1 11	2 54	16 18	10 38	10 18	10 31	16 4	4 16
S 15	23 18	4 22	1 48	23 58	0 57	18 0	1 24	20 11	0 2	6 48	1 17	21 54	1 22	23 42	0 15	22 18	1 11	2 54	16 18	10 38	10 19	10 32	16 3	4 16
M16	23 21	0s10	2 53	24 11	1 3	18 19	1 22	20 21	0 1	6 45	1 17	21 53	1 21	23 42	0 15	22 18	1 11	2 54	16 19	10 39	10 20	10 34	16 3	4 16
T 17	23 23	4 47	3 49	24 23	1 9	18 37	1 20	20 30	0 1	6 42	1 17	21 53	1 21	23 42	0 15	22 18	1 11	2 54	16 19	10 39	10 21	10 36	16 2	4 16
W18	23 25	9 13	4 32	24 33	1 14	18 55	1 18	20 39	0 0	6 39	1 17	21 53	1 21	23 42	0 15	22 18	1 11	2 54	16 20	10 41	10 22	10 37	16 1	4 16
T 19	23 27	13 10	4 57	24 43	1 19	19 13	1 16	20 48	0s 0	6 36	1 16	21 53	1 21	23 42	0 15	22 18	1 11	2 53	16 20	10 44	10 23	10 39	16 1	4 16
F 20	23 28	16 18	5 2	24 50	1 24	19 30	1 14	20 57	0 1	6 33	1 16	21 53	1 21	23 42	0 15	22 18	1 11	2 53	16 20	10 48	10 25	10 41	16 0	4 16
S 21	23 28	18 21	4 47	24 57	1 29	19 46	1 12	21 5	0 2	6 29	1 16	21 53	1 21	23 42	0 15	22 18	1 11	2 53	16 21	10 51	10 26	10 43	16 0	4 16
S 22	23 28	19 9	4 13	25 2	1 34	20 2	1 10	21 13	0 2	6 26	1 16	21 52	1 21	23 42	0 15	22 18	1 11	2 53	16 21	10 55	10 27	10 44	15 59	4 16
M23	23 28	18 41	3 23	25 6	1 38	20 17	1 8	21 22	0 3	6 23	1 16	21 52	1 21	23 42	0 15	22 18	1 11	2 53	16 22	10 58	10 28	10 46	15 59	4 16
T 24	23 27	17 3	2 22	25 8	1 42	20 32	1 6	21 30	0 4	6 19	1 15	21 52	1 21	23 42	0 15	22 18	1 11	2 53	16 22	11 0	10 29	10 48	15 58	4 16
W25	23 26	14 30	1 14	25 9	1 46	20 46	1 3	21 37	0 4	6 16	1 15	21 52	1 20	23 42	0 15	22 18	1 11	2 53	16 23	11 1	10 30	10 50	15 58	4 16
T 26	23 24	11 16	0 5	25 9	1 50	20 59	1 1	21 45	0 5	6 12	1 15	21 52	1 20	23 42	0 15	22 18	1 11	2 53	16 23	11 1	10 31	10 51	15 57	4 15
F 27	23 22	7 36	1s 3	25 6	1 53	21 12	0 59	21 53	0 6	6 9	1 15	21 52	1 20	23 42	0 15	22 18	1 11	2 53	16 24	11 1	10 33	10 53	15 57	4 15
S 28	23 19	3 43	2 6	25 3	1 56	21 24	0 56	22 0	0 6	6 5	1 15	21 51	1 20	23 42	0 15	22 18	1 11	2 53	16 24	11 1	10 34	10 55	15 56	4 15
S 29	23 16	0n15	3 2	24 58	1 59	21 36	0 54	22 7	0 7	6 1	1 14	21 51	1 20	23 42	0 15	22 18	1 11	2 53	16 25	11 1	10 35	10 56	15 56	4 15
M30	23 12	4 8	3 50	24 51	2 1	21 47	0 51	22 14	0 8	5 58	1 14	21 51	1 20	23 42	0 15	22 18	1 11	2 53	16 25	11 1	10 36	10 58	15 55	4 15
T 31	23s 8	7n49	4s27	24s43	2s 3	21s57	0n49	22s20	0s 8	5s54	1s14	21n51	1s20	23s42	0s15	22n18	1s11	2n53	16n26	11n 2	10n37	11n 0	15n55	4s15

Julian Day Number = 2355820.5, Delta T = 12.75 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'53, Lahiri = 20°11'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1738
geocentric

JANUARY 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 40	10♑29'00	13♉18	16♑11	17♐35	12♐16	18♓ 7	21°R 1	2♑37	29°R11	3♏12	1°R12	2♍23	12♉37	29°R27	W 1
T 2	6 45 36	11°30'09	25°12	17°49	18°50	12°59	18°17	20♊57	2°41	29♊10	3°13	1♍ 5	2°20	12°44	29♉24	T 2
F 3	6 49 33	12°31'18	7♊14	19°28	20° 5	13°42	18°27	20°52	2°44	29° 8	3°14	0°56	2°17	12°50	29°22	F 3
S 4	6 53 29	13°32'27	19°25	21° 8	21°20	14°25	18°36	20°48	2°48	29° 6	3°16	0°47	2°14	12°57	29°20	S 4
S 5	6 57 26	14°33'35	1♋47	22°47	22°35	15° 8	18°46	20°44	2°51	29° 5	3°17	0°38	2°11	13° 4	29°18	S 5
M 6	7 1 22	15°34'43	14°21	24°27	23°50	15°52	18°56	20°39	2°55	29° 3	3°18	0°29	2° 7	13°10	29°16	M 6
T 7	7 5 19	16°35'51	27° 7	26° 7	25° 5	16°35	19° 6	20°35	2°58	29° 2	3°19	0°23	2° 4	13°17	29°13	T 7
W 8	7 9 16	17°36'59	10♌ 5	27°47	26°20	17°18	19°17	20°31	3° 2	29° 0	3°20	0°19	2° 1	13°24	29°11	W 8
T 9	7 13 12	18°38'06	23°14	29°27	27°35	18° 1	19°27	20°27	3° 5	28°58	3°21	0°17	1°58	13°31	29°10	T 9
F 10	7 17 9	19°39'13	6♍35	1♒ 6	28°50	18°44	19°37	20°23	3° 9	28°57	3°22	0°D17	1°55	13°37	29° 8	F 10
S 11	7 21 5	20°40'20	20° 7	2°46	0♑ 5	19°28	19°48	20°19	3°12	28°55	3°23	0°18	1°52	13°44	29° 6	S 11
S 12	7 25 2	21°41'26	3♎50	4°26	1°20	20°11	19°59	20°15	3°16	28°54	3°24	0°20	1°48	13°51	29° 4	S 12
M13	7 28 58	22°42'33	17°44	6° 5	2°35	20°54	20°10	20°11	3°19	28°52	3°24	0°R21	1°45	13°57	29° 2	M13
T 14	7 32 55	23°43'39	1♏50	7°43	3°50	21°38	20°20	20° 8	3°23	28°51	3°25	0°20	1°42	14° 4	29° 1	T 14
W15	7 36 51	24°44'45	16° 6	9°20	5° 5	22°21	20°32	20° 4	3°26	28°49	3°26	0°19	1°39	14°11	28°59	W15
T 16	7 40 48	25°45'50	0♐30	10°56	6°20	23° 5	20°43	20° 0	3°30	28°48	3°27	0°15	1°36	14°18	28°58	T 16
F 17	7 44 45	26°46'56	14°57	12°31	7°36	23°48	20°54	19°57	3°33	28°46	3°27	0°11	1°32	14°24	28°56	F 17
S 18	7 48 41	27°48'01	29°22	14° 4	8°51	24°32	21° 5	19°54	3°36	28°45	3°28	0° 5	1°29	14°31	28°55	S 18
S 19	7 52 38	28°49'05	13♑40	15°35	10° 6	25°16	21°17	19°50	3°40	28°43	3°29	0° 0	1°26	14°38	28°54	S 19
M20	7 56 34	29°50'09	27°46	17° 3	11°21	25°59	21°28	19°47	3°43	28°42	3°29	29♌56	1°23	14°44	28°53	M20
T 21	8 0 31	0♒51'12	11♒34	18°27	12°36	26°43	21°40	19°44	3°46	28°41	3°30	29°53	1°20	14°51	28°52	T 21
W22	8 4 27	1°52'14	25° 1	19°48	13°51	27°27	21°52	19°41	3°50	28°39	3°30	29°D52	1°17	14°58	28°50	W22
T 23	8 8 24	2°53'15	8♓ 7	21° 5	15° 6	28°10	22° 3	19°38	3°53	28°38	3°31	29°52	1°13	15° 5	28°49	T 23
F 24	8 12 20	3°54'15	20°51	22°16	16°21	28°54	22°15	19°35	3°56	28°36	3°31	29°54	1°10	15°11	28°49	F 24
S 25	8 16 17	4°55'13	3♈17	23°21	17°36	29°38	22°27	19°32	4° 0	28°35	3°32	29°55	1° 7	15°18	28°48	S 25
S 26	8 20 14	5°56'11	15°28	24°19	18°51	0♑22	22°39	19°30	4° 3	28°34	3°32	29°57	1° 4	15°25	28°47	S 26
M27	8 24 10	6°57'07	27°27	25° 9	20° 6	1° 6	22°52	19°27	4° 6	28°33	3°32	29°58	1° 1	15°31	28°46	M27
T 28	8 28 7	7°58'02	9♉20	25°51	21°22	1°50	23° 4	19°25	4° 9	28°31	3°33	29°R59	0°57	15°38	28°46	T 28
W29	8 32 3	8°58'56	21°13	26°24	22°37	2°34	23°16	19°22	4°12	28°30	3°33	29°58	0°54	15°45	28°45	W29
T 30	8 36 0	9°59'48	3♊ 8	26°47	23°52	3°18	23°29	19°20	4°15	28°29	3°33	29°56	0°51	15°52	28°45	T 30
F 31	8 39 56	11♒ 0'39	15♊11	26♒59	25♑ 7	4♑ 2	23♓41	19♊18	4♑18	28♊28	3♏33	29♌54	0♍48	15♉58	28♉44	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 3	11n12	4s52	24s33	2s 5	22s 7	0n47	22s27	0s 9	5s50	1s14	21n51	1s19	23s41	0s15	22n18	1s11	2n53	16n26	11n 4	10n38	11n 2	15n54	4s15
T 2	22 58	14 9	5 5	24 22	2 6	22 16	0 44	22 33	0 10	5 46	1 14	21 51	1 19	23 41	0 15	22 18	1 11	2 53	16 26	11 6	10 39	11 3	15 54	4 15
F 3	22 53	16 32	5 5	24 9	2 7	22 25	0 42	22 39	0 10	5 42	1 13	21 50	1 19	23 41	0 15	22 18	1 11	2 53	16 27	11 9	10 41	11 5	15 54	4 15
S 4	22 47	18 13	4 51	23 54	2 7	22 32	0 39	22 45	0 11	5 38	1 13	21 50	1 19	23 41	0 15	22 18	1 10	2 53	16 27	11 13	10 42	11 7	15 53	4 15
S 5	22 40	19 4	4 23	23 38	2 7	22 39	0 36	22 50	0 12	5 34	1 13	21 50	1 19	23 41	0 15	22 18	1 10	2 53	16 28	11 16	10 43	11 8	15 53	4 14
M 6	22 34	19 1	3 42	23 20	2 7	22 46	0 34	22 55	0 12	5 30	1 13	21 50	1 19	23 41	0 15	22 18	1 10	2 54	16 28	11 19	10 44	11 10	15 53	4 14
T 7	22 26	17 59	2 50	23 1	2 6	22 52	0 31	23 1	0 13	5 26	1 13	21 50	1 18	23 41	0 15	22 18	1 10	2 54	16 29	11 21	10 45	11 12	15 52	4 14
W 8	22 19	16 1	1 47	22 40	2 5	22 57	0 29	23 5	0 14	5 22	1 12	21 50	1 18	23 41	0 15	22 18	1 10	2 54	16 29	11 23	10 46	11 14	15 52	4 14
T 9	22 10	13 11	0 38	22 18	2 3	23 1	0 26	23 10	0 14	5 17	1 12	21 50	1 18	23 41	0 15	22 18	1 10	2 54	16 30	11 23	10 47	11 15	15 52	4 14
F 10	22 2	9 38	0n34	21 54	2 0	23 4	0 23	23 15	0 15	5 13	1 12	21 50	1 18	23 41	0 15	22 18	1 10	2 54	16 31	11 23	10 49	11 17	15 52	4 14
S 11	21 53	5 33	1 46	21 28	1 57	23 7	0 21	23 19	0 16	5 9	1 12	21 49	1 18	23 41	0 15	22 18	1 10	2 54	16 31	11 23	10 50	11 19	15 51	4 14
S 12	21 43	1 7	2 52	21 1	1 53	23 10	0 18	23 23	0 16	5 4	1 12	21 49	1 18	23 41	0 15	22 18	1 10	2 55	16 32	11 22	10 51	11 20	15 51	4 13
M13	21 33	3s26	3 50	20 32	1 49	23 11	0 16	23 27	0 17	5 0	1 12	21 49	1 17	23 41	0 15	22 18	1 10	2 55	16 32	11 22	10 52	11 22	15 51	4 13
T 14	21 23	7 51	4 34	20 2	1 44	23 12	0 13	23 30	0 18	4 56	1 11	21 49	1 17	23 41	0 15	22 18	1 10	2 55	16 33	11 22	10 53	11 24	15 51	4 13
W15	21 12	11 51	5 2	19 31	1 38	23 12	0 10	23 34	0 19	4 51	1 11	21 49	1 17	23 41	0 15	22 18	1 10	2 55	16 33	11 23	10 54	11 25	15 51	4 13
T 16	21 1	15 12	5 11	18 58	1 31	23 11	0 8	23 37	0 19	4 47	1 11	21 49	1 17	23 40	0 15	22 18	1 10	2 56	16 34	11 24	10 55	11 27	15 50	4 13
F 17	20 50	17 38	5 1	18 25	1 24	23 10	0 5	23 39	0 20	4 42	1 11	21 49	1 17	23 40	0 15	22 18	1 10	2 56	16 34	11 25	10 56	11 29	15 50	4 13
S 18	20 38	18 56	4 32	17 50	1 16	23 8	0 3	23 42	0 21	4 37	1 11	21 49	1 16	23 40	0 15	22 18	1 10	2 56	16 35	11 27	10 58	11 30	15 50	4 13
S 19	20 25	19 1	3 46	17 15	1 7	23 5	0 0	23 45	0 21	4 33	1 11	21 49	1 16	23 40	0 15	22 18	1 10	2 56	16 35	11 29	10 59	11 32	15 50	4 12
M20	20 13	17 55	2 47	16 39	0 57	23 2	0s 3	23 47	0 22	4 28	1 11	21 49	1 16	23 40	0 15	22 18	1 10	2 57	16 36	11 31	11 0	11 34	15 50	4 12
T 21	20 0	15 45	1 39	16 3	0 46	22 58	0 5	23 49	0 23	4 23	1 10	21 49	1 16	23 40	0 15	22 18	1 10	2 57	16 36	11 32	11 1	11 36	15 50	4 12
W22	19 46	12 47	0 27	15 26	0 35	22 53	0 8	23 50	0 24	4 19	1 10	21 49	1 16	23 40	0 15	22 18	1 10	2 57	16 37	11 32	11 2	11 37	15 50	4 12
T 23	19 32	9 14	0s45	14 50	0 22	22 47	0 10	23 52	0 24	4 14	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 58	16 37	11 32	11 3	11 39	15 50	4 12
F 24	19 18	5 21	1 53	14 15	0 9	22 41	0 13	23 53	0 25	4 9	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 58	16 38	11 31	11 4	11 41	15 50	4 11
S 25	19 4	1 21	2 53	13 40	0n 6	22 34	0 15	23 54	0 26	4 4	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 59	16 39	11 31	11 6	11 42	15 50	4 11
S 26	18 49	2n38	3 45	13 7	0 21	22 26	0 18	23 55	0 26	3 59	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 59	16 39	11 30	11 7	11 44	15 50	4 11
M27	18 34	6 27	4 26	12 35	0 36	22 18	0 20	23 55	0 27	3 54	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 59	16 40	11 30	11 8	11 46	15 50	4 11
T 28	18 18	9 58	4 55	12 6	0 53	22 9	0 23	23 55	0 28	3 49	1 9	21 49	1 14	23 39	0 15	22 18	1 10	3 0	16 40	11 30	11 9	11 47	15 50	4 11
W29	18 2	13 4	5 11	11 39	1 9	21 59	0 25	23 55	0 29	3 44	1 9	21 49	1 14	23 39	0 15	22 18	1 10	3 0	16 41	11 30	11 10	11 49	15 50	4 11
T 30	17 46	15 40	5 15	11 15	1 27	21 49	0 27	23 55	0 29	3 39	1 9	21 49	1 14	23 39	0 15	22 18	1 10	3 1	16 41	11 31	11 11	11 51	15 50	4 10
F 31	17s29	17n37	5s 4	10s54	1n44	21s38	0s30	23s55	0s30	3s34	1s 9	21n49	1s14	23s39	0s15	22n18	1s10	3n 1	16n42	11n31	11n12	11n52	15n50	4s10

Julian Day Number = 2355851.5, Delta T = 12.77 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'57, Lahiri = 20°11'58Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1738
geocentric

FEBRUARY 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 53	12♒ 1'29	27♊26	27°R 1	26♑22	4♑46	23♓54	19°R16	4♑21	28°R27	3♏34	29°R51	0♍45	16♉ 5	28°R44	S 1
S 2	8 47 49	13° 2'18	9♋55	26♒51	27°37	5°30	24° 6	19♊14	4°24	28♊25	3°34	29♌48	0°42	16°12	28♉44	S 2
M 3	8 51 46	14° 3'05	22°41	26°31	28°52	6°14	24°19	19°12	4°27	28°24	3°34	29°46	0°38	16°19	28°43	M 3
T 4	8 55 43	15° 3'50	5♌44	25°59	0♒ 7	6°58	24°32	19°11	4°30	28°23	3°34	29°44	0°35	16°25	28°43	T 4
W 5	8 59 39	16° 4'34	19° 3	25°18	1°22	7°42	24°45	19° 9	4°33	28°22	3°R34	29°43	0°32	16°32	28°D43	W 5
T 6	9 3 36	17° 5'17	2♍38	24°29	2°37	8°26	24°58	19° 7	4°36	28°21	3°34	29°D43	0°29	16°39	28°43	T 6
F 7	9 7 32	18° 5'59	16°26	23°31	3°52	9°11	25°11	19° 6	4°39	28°20	3°34	29°43	0°26	16°45	28°43	F 7
S 8	9 11 29	19° 6'39	0♎24	22°28	5° 7	9°55	25°24	19° 5	4°42	28°19	3°34	29°44	0°23	16°52	28°44	S 8
S 9	9 15 25	20° 7'19	14°30	21°21	6°22	10°39	25°37	19° 4	4°45	28°18	3°34	29°45	0°19	16°59	28°44	S 9
M10	9 19 22	21° 7'57	28°40	20°12	7°37	11°24	25°50	19° 3	4°47	28°18	3°33	29°46	0°16	17° 6	28°44	M10
T 11	9 23 18	22° 8'34	12♏53	19° 2	8°52	12° 8	26° 3	19° 2	4°50	28°17	3°33	29°46	0°13	17°12	28°45	T 11
W12	9 27 15	23° 9'09	27° 5	17°54	10° 7	12°52	26°17	19° 1	4°53	28°16	3°33	29°R46	0°10	17°19	28°45	W12
T 13	9 31 12	24° 9'44	11♐14	16°49	11°22	13°37	26°30	19° 0	4°56	28°15	3°33	29°46	0° 7	17°26	28°46	T 13
F 14	9 35 8	25°10'18	25°19	15°48	12°37	14°21	26°43	18°59	4°58	28°14	3°32	29°46	0° 3	17°32	28°46	F 14
S 15	9 39 5	26°10'50	9♑16	14°53	13°52	15° 6	26°57	18°59	5° 1	28°13	3°32	29°45	0° 0	17°39	28°47	S 15
S 16	9 43 1	27°11'21	23° 4	14° 5	15° 7	15°50	27°11	18°59	5° 3	28°13	3°32	29°45	29♌57	17°46	28°48	S 16
M17	9 46 58	28°11'50	6♒41	13°23	16°22	16°35	27°24	18°58	5° 6	28°12	3°31	29°45	29°54	17°53	28°49	M17
T 18	9 50 54	29°12'18	20° 4	12°49	17°37	17°20	27°38	18°58	5° 8	28°11	3°31	29°45	29°51	17°59	28°50	T 18
W19	9 54 51	0♓12'45	3♓12	12°22	18°52	18° 4	27°51	18°D58	5°11	28°11	3°30	29°45	29°48	18° 6	28°51	W19
T 20	9 58 47	1°13'09	16° 5	12° 3	20° 7	18°49	28° 5	18°58	5°13	28°10	3°30	29°45	29°44	18°13	28°52	T 20
F 21	10 2 44	2°13'32	28°42	11°51	21°22	19°34	28°19	18°58	5°16	28°10	3°29	29°45	29°41	18°19	28°53	F 21
S 22	10 6 41	3°13'53	11♈ 4	11°D46	22°37	20°18	28°33	18°59	5°18	28° 9	3°29	29°44	29°38	18°26	28°54	S 22
S 23	10 10 37	4°14'12	23°14	11°48	23°52	21° 3	28°47	18°59	5°20	28° 9	3°28	29°44	29°35	18°33	28°55	S 23
M24	10 14 34	5°14'29	5♉15	11°56	25° 7	21°48	29° 1	19° 0	5°22	28° 8	3°27	29°43	29°32	18°40	28°57	M24
T 25	10 18 30	6°14'44	17° 9	12°10	26°22	22°33	29°15	19° 0	5°25	28° 8	3°27	29°42	29°29	18°46	28°58	T 25
W26	10 22 27	7°14'57	29° 1	12°30	27°36	23°17	29°29	19° 1	5°27	28° 7	3°26	29°42	29°25	18°53	28°59	W26
T 27	10 26 23	8°15'08	10♊56	12°55	28°51	24° 2	29°43	19° 2	5°29	28° 7	3°25	29°D42	29°22	19° 0	29° 1	T 27
F 28	10 30 20	9♓15'17	22♊58	13♒25	0♓ 6	24♑47	29♓57	19♊ 3	5♑31	28♊ 7	3♏25	29♌42	29♌19	19♉ 7	29♉ 3	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s13	18n47	4s40	10s38	2n 1	21s26	0s32	23s54	0s31	3s29	1s 9	21n49	1s14	23s39	0s15	22n18	1s10	3n 2	16n42	11n32	11n13	11n54	15n50	4s10
S 2	16 55	19 5	4 1	10 25	2 18	21 14	0 34	23 53	0 32	3 24	1 9	21 49	1 13	23 39	0 15	22 18	1 10	3 2	16 43	11 33	11 15	11 56	15 50	4 10
M 3	16 38	18 26	3 11	10 17	2 34	21 1	0 37	23 52	0 32	3 19	1 9	21 49	1 13	23 39	0 15	22 18	1 10	3 3	16 43	11 34	11 16	11 57	15 50	4 10
T 4	16 20	16 47	2 9	10 13	2 49	20 47	0 39	23 50	0 33	3 13	1 9	21 49	1 13	23 39	0 15	22 18	1 10	3 3	16 44	11 35	11 17	11 59	15 51	4 9
W 5	16 2	14 12	0 59	10 14	3 3	20 33	0 41	23 48	0 34	3 8	1 9	21 49	1 13	23 39	0 15	22 18	1 10	3 4	16 45	11 35	11 18	12 1	15 51	4 9
T 6	15 44	10 48	0n16	10 19	3 15	20 18	0 43	23 46	0 34	3 3	1 8	21 49	1 13	23 39	0 15	22 18	1 9	3 4	16 45	11 35	11 19	12 2	15 51	4 9
F 7	15 26	6 46	1 31	10 28	3 25	20 3	0 45	23 44	0 35	2 58	1 8	21 49	1 12	23 39	0 15	22 18	1 9	3 5	16 46	11 35	11 20	12 4	15 51	4 9
S 8	15 7	2 19	2 42	10 41	3 33	19 47	0 47	23 42	0 36	2 52	1 8	21 49	1 12	23 39	0 15	22 18	1 9	3 5	16 46	11 35	11 21	12 6	15 51	4 9
S 9	14 48	2s17	3 43	10 57	3 39	19 30	0 49	23 39	0 37	2 47	1 8	21 49	1 12	23 38	0 15	22 18	1 9	3 6	16 47	11 34	11 22	12 7	15 52	4 8
M10	14 28	6 47	4 32	11 15	3 43	19 13	0 51	23 36	0 37	2 42	1 8	21 50	1 12	23 38	0 15	22 18	1 9	3 6	16 47	11 34	11 24	12 9	15 52	4 8
T 11	14 9	10 54	5 3	11 36	3 44	18 55	0 53	23 33	0 38	2 36	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 7	16 48	11 34	11 25	12 11	15 52	4 8
W12	13 49	14 24	5 17	11 57	3 42	18 37	0 55	23 30	0 39	2 31	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 7	16 48	11 34	11 26	12 12	15 53	4 8
T 13	13 29	17 1	5 11	12 20	3 39	18 18	0 57	23 26	0 40	2 26	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 8	16 49	11 34	11 27	12 14	15 53	4 8
F 14	13 9	18 37	4 46	12 43	3 34	17 59	0 59	23 22	0 40	2 20	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 8	16 49	11 34	11 28	12 16	15 53	4 7
S 15	12 48	19 5	4 5	13 6	3 26	17 39	1 0	23 18	0 41	2 15	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 9	16 50	11 34	11 29	12 17	15 54	4 7
S 16	12 28	18 23	3 10	13 28	3 18	17 19	1 2	23 13	0 42	2 9	1 7	21 51	1 10	23 38	0 15	22 18	1 9	3 10	16 50	11 34	11 30	12 19	15 54	4 7
M17	12 7	16 37	2 5	13 49	3 8	16 58	1 4	23 9	0 43	2 4	1 7	21 51	1 10	23 38	0 15	22 19	1 9	3 10	16 51	11 35	11 31	12 21	15 54	4 7
T 18	11 46	13 58	0 53	14 10	2 57	16 37	1 5	23 4	0 43	1 58	1 7	21 51	1 10	23 38	0 16	22 19	1 9	3 11	16 51	11 35	11 32	12 22	15 55	4 7
W19	11 25	10 39	0s19	14 28	2 45	16 15	1 7	22 59	0 44	1 53	1 7	21 51	1 10	23 38	0 16	22 19	1 9	3 12	16 52	11 35	11 34	12 24	15 55	4 6
T 20	11 3	6 52	1 29	14 46	2 33	15 53	1 8	22 53	0 45	1 47	1 7	21 51	1 10	23 38	0 16	22 19	1 9	3 12	16 52	11 35	11 35	12 26	15 56	4 6
F 21	10 42	2 52	2 34	15 1	2 20	15 30	1 10	22 48	0 46	1 42	1 7	21 52	1 9	23 38	0 16	22 19	1 9	3 13	16 53	11 35	11 36	12 27	15 56	4 6
S 22	10 20	1n10	3 30	15 15	2 7	15 7	1 11	22 42	0 46	1 36	1 7	21 52	1 9	23 37	0 16	22 19	1 9	3 13	16 53	11 35	11 37	12 29	15 56	4 6
S 23	9 58	5 5	4 15	15 28	1 53	14 44	1 13	22 36	0 47	1 31	1 7	21 52	1 9	23 37	0 16	22 19	1 9	3 14	16 54	11 35	11 38	12 31	15 57	4 6
M24	9 36	8 45	4 49	15 38	1 40	14 20	1 14	22 30	0 48	1 25	1 7	21 52	1 9	23 37	0 16	22 19	1 9	3 15	16 54	11 35	11 39	12 32	15 57	4 5
T 25	9 14	12 2	5 9	15 47	1 27	13 55	1 15	22 23	0 49	1 19	1 7	21 53	1 8	23 37	0 16	22 19	1 9	3 15	16 55	11 35	11 40	12 34	15 58	4 5
W26	8 52	14 48	5 17	15 54	1 14	13 31	1 16	22 16	0 49	1 14	1 7	21 53	1 8	23 37	0 16	22 19	1 9	3 16	16 55	11 36	11 41	12 36	15 58	4 5
T 27	8 29	16 59	5 11	15 59	1 1	13 6	1 17	22 9	0 50	1 8	1 7	21 53	1 8	23 37	0 16	22 19	1 9	3 17	16 56	11 36	11 42	12 37	15 59	4 5
F 28	8s 7	18n26	4s51	16s 3	0n48	12s40	1s18	22s 2	0s51	1s 2	1s 7	21n54	1s 8	23s37	0s16	22n19	1s 9	3n17	16n56	11n35	11n44	12n39	15n59	4s 5

Julian Day Number = 2355882.5, Delta T = 12.79 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'02, Lahiri = 20°12'02Greg. Calendar

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MARCH 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 16	10♓15'24	5♋12	14♒ 0	1♓21	25♑32	0♈11	19♊ 4	5♑33	28°R 6	3°R24	29♌43	29♌16	19♉13	29♉ 4	S 1
S 2	10 38 13	11°15'29	17°42	14°39	2°36	26°17	0°25	19° 5	5°35	28♊ 6	3♏23	29°44	29°13	19°20	29° 6	S 2
M 3	10 42 10	12°15'32	0♌32	15°22	3°51	27° 2	0°39	19° 7	5°37	28° 6	3°22	29°45	29° 9	19°27	29° 8	M 3
T 4	10 46 6	13°15'32	13°44	16° 8	5° 6	27°47	0°53	19° 8	5°39	28° 6	3°21	29°46	29° 6	19°33	29°10	T 4
W 5	10 50 3	14°15'31	27°18	16°58	6°20	28°32	1° 7	19°10	5°41	28° 5	3°20	29°R46	29° 3	19°40	29°12	W 5
T 6	10 53 59	15°15'27	11♍14	17°52	7°35	29°17	1°22	19°11	5°42	28° 5	3°19	29°46	29° 0	19°47	29°14	T 6
F 7	10 57 56	16°15'22	25°28	18°48	8°50	0♒ 2	1°36	19°13	5°44	28° 5	3°18	29°45	28°57	19°54	29°16	F 7
S 8	11 1 52	17°15'15	9♎55	19°47	10° 5	0°47	1°50	19°15	5°46	28° 5	3°17	29°43	28°54	20° 0	29°18	S 8
S 9	11 5 49	18°15'05	24°31	20°49	11°19	1°32	2° 4	19°17	5°48	28°D 5	3°16	29°41	28°50	20° 7	29°20	S 9
M10	11 9 45	19°14'54	9♏ 7	21°53	12°34	2°17	2°19	19°19	5°49	28° 5	3°15	29°38	28°47	20°14	29°23	M10
T 11	11 13 42	20°14'42	23°39	23° 0	13°49	3° 2	2°33	19°21	5°51	28° 5	3°14	29°36	28°44	20°20	29°25	T 11
W12	11 17 38	21°14'28	8♐ 1	24° 9	15° 4	3°47	2°48	19°23	5°52	28° 5	3°13	29°35	28°41	20°27	29°27	W12
T 13	11 21 35	22°14'12	22°11	25°20	16°18	4°32	3° 2	19°26	5°54	28° 5	3°12	29°D34	28°38	20°34	29°30	T 13
F 14	11 25 32	23°13'54	6♑ 5	26°33	17°33	5°18	3°16	19°28	5°55	28° 5	3°11	29°34	28°34	20°41	29°32	F 14
S 15	11 29 28	24°13'35	19°45	27°48	18°48	6° 3	3°31	19°31	5°57	28° 6	3° 9	29°36	28°31	20°47	29°35	S 15
S 16	11 33 25	25°13'14	3♒10	29° 5	20° 2	6°48	3°45	19°34	5°58	28° 6	3° 8	29°37	28°28	20°54	29°38	S 16
M17	11 37 21	26°12'51	16°21	0♓23	21°17	7°33	4° 0	19°36	5°59	28° 6	3° 7	29°39	28°25	21° 1	29°40	M17
T 18	11 41 18	27°12'26	29°19	1°43	22°32	8°18	4°14	19°39	6° 0	28° 6	3° 6	29°R39	28°22	21° 8	29°43	T 18
W19	11 45 14	28°11'59	12♓ 5	3° 5	23°46	9° 4	4°29	19°42	6° 2	28° 7	3° 4	29°39	28°19	21°14	29°46	W19
T 20	11 49 11	29°11'31	24°40	4°29	25° 1	9°49	4°43	19°45	6° 3	28° 7	3° 3	29°36	28°15	21°21	29°49	T 20
F 21	11 53 7	0♈11'00	7♈ 3	5°54	26°16	10°34	4°58	19°49	6° 4	28° 7	3° 2	29°33	28°12	21°28	29°52	F 21
S 22	11 57 4	1°10'27	19°17	7°21	27°30	11°20	5°12	19°52	6° 5	28° 8	3° 0	29°28	28° 9	21°34	29°55	S 22
S 23	12 1 1	2° 9'52	1♉22	8°49	28°45	12° 5	5°27	19°55	6° 6	28° 8	2°59	29°22	28° 6	21°41	29°58	S 23
M24	12 4 57	3° 9'15	13°20	10°18	29°59	12°50	5°41	19°59	6° 7	28° 9	2°58	29°16	28° 3	21°48	0♊ 1	M24
T 25	12 8 54	4° 8'36	25°13	11°50	1♈14	13°36	5°56	20° 2	6° 8	28° 9	2°56	29°10	28° 0	21°55	0° 4	T 25
W26	12 12 50	5° 7'54	7♊ 5	13°22	2°29	14°21	6°10	20° 6	6° 8	28°10	2°55	29° 5	27°56	22° 1	0° 7	W26
T 27	12 16 47	6° 7'11	18°59	14°56	3°43	15° 6	6°25	20°10	6° 9	28°10	2°53	29° 2	27°53	22° 8	0°11	T 27
F 28	12 20 43	7° 6'25	0♋58	16°31	4°58	15°52	6°39	20°14	6°10	28°11	2°52	29° 0	27°50	22°15	0°14	F 28
S 29	12 24 40	8° 5'36	13° 9	18° 8	6°12	16°37	6°54	20°18	6°11	28°12	2°50	29°D 0	27°47	22°21	0°17	S 29
S 30	12 28 36	9° 4'46	25°36	19°46	7°27	17°22	7° 8	20°22	6°11	28°12	2°49	29° 1	27°44	22°28	0°21	S 30
M31	12 32 33	10♈ 3'53	8♌23	21♓26	8♈41	18♒ 8	7♈23	20♊26	6♑12	28♊13	2♏47	29♌ 3	27♌40	22♉35	0♊24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s44	19n 4	4s18	16s 5	0n36	12s15	1s19	21s55	0s52	0s57	1s 7	21n54	1s 8	23s37	0s16	22n19	1s 8	3n18	16n57	11n35	11n45	12n40	16n 0	4s 4	S 1
S 2	7 21	18 47	3 32	16 5	0 24	11 49	1 20	21 47	0 52	0 51	1 6	21 54	1 7	23 37	0 16	22 19	1 8	3 19	16 57	11 35	11 46	12 42	16 1	4 4	S 2
M 3	6 58	17 32	2 35	16 3	0 12	11 22	1 21	21 39	0 53	0 45	1 6	21 55	1 7	23 37	0 16	22 19	1 8	3 19	16 57	11 34	11 47	12 44	16 1	4 4	M 3
T 4	6 35	15 20	1 28	16 0	0 1	10 56	1 22	21 31	0 54	0 40	1 6	21 55	1 7	23 37	0 16	22 19	1 8	3 20	16 58	11 34	11 48	12 45	16 2	4 4	T 4
W 5	6 12	12 13	0 14	15 56	0s10	10 29	1 23	21 22	0 55	0 34	1 6	21 55	1 7	23 37	0 16	22 19	1 8	3 21	16 58	11 34	11 49	12 47	16 2	4 4	W 5
T 6	5 49	8 20	1n 3	15 49	0 21	10 1	1 23	21 14	0 55	0 28	1 6	21 56	1 6	23 37	0 16	22 19	1 8	3 22	16 59	11 34	11 50	12 49	16 3	4 4	T 6
F 7	5 26	3 54	2 17	15 42	0 31	9 34	1 24	21 5	0 56	0 23	1 6	21 56	1 6	23 37	0 16	22 19	1 8	3 22	16 59	11 34	11 51	12 50	16 4	4 3	F 7
S 8	5 2	0s49	3 24	15 32	0 40	9 6	1 24	20 56	0 57	0 17	1 6	21 56	1 6	23 37	0 16	22 19	1 8	3 23	17 0	11 35	11 52	12 52	16 4	4 3	S 8
S 9	4 39	5 31	4 18	15 21	0 50	8 38	1 25	20 47	0 58	0 11	1 6	21 57	1 6	23 37	0 16	22 19	1 8	3 24	17 0	11 36	11 54	12 53	16 5	4 3	S 9
M10	4 16	9 53	4 55	15 9	0 58	8 10	1 25	20 37	0 58	0 5	1 6	21 57	1 6	23 36	0 16	22 19	1 8	3 24	17 0	11 37	11 55	12 55	16 5	4 3	M10
T 11	3 52	13 39	5 13	14 55	1 7	7 41	1 26	20 28	0 59	0n 0	1 6	21 57	1 5	23 36	0 16	22 19	1 8	3 25	17 1	11 38	11 56	12 57	16 6	4 3	T 11
W12	3 29	16 33	5 12	14 40	1 15	7 13	1 26	20 18	1 0	0 6	1 6	21 58	1 5	23 36	0 16	22 20	1 8	3 26	17 1	11 38	11 57	12 58	16 7	4 2	W12
T 13	3 5	18 24	4 51	14 23	1 22	6 44	1 26	20 8	1 1	0 12	1 6	21 58	1 5	23 36	0 16	22 20	1 8	3 27	17 1	11 38	11 58	13 0	16 7	4 2	T 13
F 14	2 41	19 7	4 13	14 5	1 30	6 15	1 26	19 58	1 1	0 18	1 6	21 59	1 5	23 36	0 16	22 20	1 8	3 27	17 2	11 38	11 59	13 2	16 8	4 2	F 14
S 15	2 18	18 41	3 22	13 46	1 36	5 46	1 26	19 47	1 2	0 23	1 6	21 59	1 5	23 36	0 16	22 20	1 8	3 28	17 2	11 38	12 0	13 3	16 9	4 2	S 15
S 16	1 54	17 12	2 20	13 25	1 43	5 16	1 26	19 37	1 3	0 29	1 6	21 59	1 4	23 36	0 16	22 20	1 8	3 29	17 3	11 37	12 1	13 5	16 10	4 2	S 16
M17	1 30	14 48	1 12	13 2	1 48	4 47	1 26	19 26	1 3	0 35	1 6	22 0	1 4	23 36	0 16	22 20	1 8	3 29	17 3	11 37	12 2	13 6	16 10	4 2	M17
T 18	1 7	11 42	0 2	12 39	1 54	4 17	1 26	19 15	1 4	0 41	1 6	22 0	1 4	23 36	0 16	22 20	1 8	3 30	17 3	11 36	12 4	13 8	16 11	4 1	T 18
W19	0 43	8 5	1s 8	12 14	1 59	3 48	1 26	19 4	1 5	0 46	1 6	22 1	1 4	23 36	0 16	22 20	1 8	3 31	17 4	11 37	12 5	13 10	16 12	4 1	W19
T 20	0 19	4 9	2 13	11 47	2 3	3 18	1 26	18 52	1 6	0 52	1 6	22 1	1 4	23 36	0 16	22 20	1 8	3 32	17 4	11 37	12 6	13 11	16 13	4 1	T 20
F 21	0n 4	0 7	3 10	11 20	2 7	2 48	1 26	18 41	1 6	0 58	1 6	22 2	1 3	23 36	0 16	22 20	1 8	3 32	17 4	11 39	12 7	13 13	16 13	4 1	F 21
S 22	0 28	3n53	3 58	10 51	2 11	2 18	1 25	18 29	1 7	1 4	1 6	22 2	1 3	23 36	0 16	22 20	1 7	3 33	17 4	11 41	12 8	13 14	16 14	4 1	S 22
S 23	0 52	7 40	4 35	10 21	2 14	1 48	1 25	18 17	1 8	1 10	1 6	22 2	1 3	23 36	0 16	22 20	1 7	3 34	17 5	11 43	12 9	13 16	16 15	4 1	S 23
M24	1 15	11 6	4 59	9 49	2 17	1 18	1 24	18 5	1 9	1 15	1 6	22 3	1 3	23 36	0 16	22 20	1 7	3 34	17 5	11 45	12 10	13 18	16 16	4 1	M24
T 25	1 39	14 4	5 10	9 17	2 19	0 47	1 24	17 52	1 9	1 21	1 6	22 3	1 3	23 36	0 16	22 20	1 7	3 35	17 5	11 47	12 11	13 19	16 16	4 0	T 25
W26	2 2	16 28	5 8	8 43	2 21	0 17	1 23	17 40	1 10	1 27	1 6	22 4	1 2	23 36	0 16	22 20	1 7	3 36	17 6	11 48	12 12	13 21	16 17	4 0	W26
T 27	2 26	18 9	4 52	8 8	2 22	0n13	1 22	17 27	1 11	1 33	1 6	22 4	1 2	23 36	0 16	22 20	1 7	3 37	17 6	11 50	12 13	13 22	16 18	4 0	T 27
F 28	2 49	19 4	4 24	7 31	2 23	0 43	1 22	17 14	1 11	1 38	1 6	22 5	1 2	23 36	0 16	22 20	1 7	3 37	17 6	11 50	12 15	13 24	16 19	4 0	F 28
S 29	3 13	19 7	3 44	6 54	2 23	1 14	1 21	17 1	1 12	1 44	1 6	22 5	1 2	23 36	0 16	22 20	1 7	3 38	17 6	11 50	12 16	13 26	16 20	4 0	S 29
S 30	3 36	18 14	2 52	6 15	2 23	1 44	1 20	16 48	1 13	1 50	1 6	22 6	1 2	23 36	0 16	22 20	1 7	3 39	17 7	11 50	12 17	13 27	16 20	4 0	S 30
M31	3n59	16n25	1s50	5s35	2s23	2n14	1s19	16s35	1s14	1n56	1s 6	22n 6	1s 1	23s36	0s16	22n21	1s 7	3n39	17n 7	11n49	12n18	13n29	16n21	4s 0	M31

Julian Day Number = 2355910.5, Delta T = 12.81 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'06, Lahiri = 20°12'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1738
geocentric

APRIL 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 30	11♈ 2'57	21♌34	23♓ 7	9♈55	18♒53	7♈37	20♊30	6♑12	28♊14	2°R46	29♌ 4	27♌37	22♉42	0♊28	T 1
W 2	12 40 26	12° 1'59	5♍12	24°50	11°10	19°39	7°52	20°35	6°13	28°15	2♏44	29°R 4	27°34	22°48	0°31	W 2
T 3	12 44 23	13° 0'59	19°17	26°34	12°24	20°24	8° 6	20°39	6°13	28°15	2°43	29° 2	27°31	22°55	0°35	T 3
F 4	12 48 19	13°59'57	3♎46	28°19	13°39	21°10	8°21	20°44	6°13	28°16	2°41	28°59	27°28	23° 2	0°39	F 4
S 5	12 52 16	14°58'53	18°36	0♈ 6	14°53	21°55	8°35	20°48	6°14	28°17	2°40	28°53	27°25	23° 9	0°42	S 5
S 6	12 56 12	15°57'47	3♏37	1°55	16° 7	22°40	8°50	20°53	6°14	28°18	2°38	28°46	27°21	23°15	0°46	S 6
M 7	13 0 9	16°56'39	18°40	3°45	17°22	23°26	9° 4	20°58	6°14	28°19	2°36	28°39	27°18	23°22	0°50	M 7
T 8	13 4 5	17°55'29	3♐36	5°36	18°36	24°11	9°18	21° 2	6°14	28°20	2°35	28°32	27°15	23°29	0°54	T 8
W 9	13 8 2	18°54'17	18°16	7°29	19°50	24°57	9°33	21° 7	6°14	28°21	2°33	28°27	27°12	23°35	0°58	W 9
T 10	13 11 58	19°53'04	2♑37	9°23	21° 4	25°42	9°47	21°12	6°14	28°22	2°32	28°23	27° 9	23°42	1° 2	T 10
F 11	13 15 55	20°51'49	16°35	11°19	22°19	26°28	10° 2	21°17	6°R14	28°23	2°30	28°D22	27° 6	23°49	1° 5	F 11
S 12	13 19 52	21°50'32	0♒10	13°17	23°33	27°13	10°16	21°23	6°14	28°24	2°28	28°22	27° 2	23°56	1° 9	S 12
S 13	13 23 48	22°49'14	13°24	15°16	24°47	27°59	10°30	21°28	6°14	28°25	2°27	28°23	26°59	24° 2	1°14	S 13
M14	13 27 45	23°47'53	26°19	17°16	26° 1	28°44	10°45	21°33	6°14	28°26	2°25	28°R24	26°56	24° 9	1°18	M14
T 15	13 31 41	24°46'32	9♓ 0	19°18	27°16	29°30	10°59	21°39	6°14	28°27	2°23	28°23	26°53	24°16	1°22	T 15
W16	13 35 38	25°45'08	21°28	21°21	28°30	0♓15	11°13	21°44	6°14	28°29	2°22	28°21	26°50	24°22	1°26	W16
T 17	13 39 34	26°43'42	3♈47	23°25	29°44	1° 1	11°28	21°50	6°13	28°30	2°20	28°15	26°46	24°29	1°30	T 17
F 18	13 43 31	27°42'15	15°57	25°31	0♉58	1°46	11°42	21°55	6°13	28°31	2°18	28° 8	26°43	24°36	1°34	F 18
S 19	13 47 27	28°40'46	28° 0	27°37	2°12	2°31	11°56	22° 1	6°13	28°32	2°16	27°58	26°40	24°43	1°39	S 19
S 20	13 51 24	29°39'15	9♉59	29°44	3°27	3°17	12°10	22° 7	6°12	28°34	2°15	27°46	26°37	24°49	1°43	S 20
M21	13 55 21	0♉37'42	21°53	1♉52	4°41	4° 2	12°24	22°12	6°12	28°35	2°13	27°34	26°34	24°56	1°47	M21
T 22	13 59 17	1°36'07	3♊45	4° 1	5°55	4°48	12°38	22°18	6°11	28°36	2°11	27°23	26°31	25° 3	1°51	T 22
W23	14 3 14	2°34'30	15°36	6° 9	7° 9	5°33	12°52	22°24	6°11	28°38	2°10	27°13	26°27	25°10	1°56	W23
T 24	14 7 10	3°32'51	27°30	8°18	8°23	6°19	13° 6	22°30	6°10	28°39	2° 8	27° 5	26°24	25°16	2° 0	T 24
F 25	14 11 7	4°31'11	9♋29	10°27	9°37	7° 4	13°20	22°36	6° 9	28°41	2° 6	26°59	26°21	25°23	2° 5	F 25
S 26	14 15 3	5°29'28	21°38	12°34	10°51	7°49	13°34	22°42	6° 8	28°42	2° 5	26°56	26°18	25°30	2° 9	S 26
S 27	14 19 0	6°27'43	4♌ 1	14°41	12° 5	8°35	13°48	22°49	6° 8	28°44	2° 3	26°D55	26°15	25°36	2°14	S 27
M28	14 22 56	7°25'56	16°43	16°47	13°19	9°20	14° 2	22°55	6° 7	28°45	2° 1	26°56	26°11	25°43	2°18	M28
T 29	14 26 53	8°24'07	29°48	18°51	14°33	10° 5	14°16	23° 1	6° 6	28°47	2° 0	26°R56	26° 8	25°50	2°23	T 29
W30	14 30 50	9♉22'15	13♍21	20♉54	15♉47	10♓51	14♈30	23♊ 7	6♑ 5	28♊48	1♏58	26♌55	26♌ 5	25♉57	2♊27	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n23	13n42	0s41	4s54	2s21	2n44	1s18	16s21	1s14	2n 1	1s 6	22n 7	1s 1	23s36	0s16	22n21	1s 7	3n40	17n 7	11n49	12n19	13n30	16n22	4s 0
W 2	4 46	10 8	0n33	4 12	2 20	3 14	1 17	16 8	1 15	2 7	1 6	22 7	1 1	23 36	0 16	22 21	1 7	3 41	17 7	11 49	12 20	13 32	16 23	3 59
T 3	5 9	5 54	1 47	3 28	2 18	3 44	1 16	15 54	1 16	2 13	1 6	22 8	1 1	23 36	0 16	22 21	1 7	3 41	17 7	11 49	12 21	13 34	16 24	3 59
F 4	5 32	1 12	2 56	2 44	2 15	4 14	1 15	15 40	1 16	2 18	1 6	22 8	1 1	23 36	0 16	22 21	1 7	3 42	17 7	11 51	12 22	13 35	16 25	3 59
S 5	5 55	3s40	3 55	1 59	2 12	4 44	1 14	15 26	1 17	2 24	1 6	22 9	1 0	23 36	0 17	22 21	1 7	3 43	17 8	11 53	12 23	13 37	16 26	3 59
S 6	6 17	8 22	4 38	1 12	2 8	5 14	1 12	15 12	1 18	2 30	1 6	22 9	1 0	23 36	0 17	22 21	1 7	3 43	17 8	11 55	12 24	13 38	16 26	3 59
M 7	6 40	12 33	5 3	0 25	2 4	5 44	1 11	14 57	1 18	2 35	1 6	22 10	1 0	23 36	0 17	22 21	1 7	3 44	17 8	11 58	12 25	13 40	16 27	3 59
T 8	7 2	15 53	5 6	0n24	2 0	6 13	1 10	14 43	1 19	2 41	1 6	22 10	1 0	23 36	0 17	22 21	1 7	3 45	17 8	12 0	12 27	13 42	16 28	3 59
W 9	7 25	18 9	4 49	1 13	1 55	6 43	1 8	14 28	1 20	2 47	1 6	22 11	1 0	23 36	0 17	22 21	1 7	3 45	17 8	12 2	12 28	13 43	16 29	3 59
T 10	7 47	19 12	4 14	2 3	1 49	7 12	1 7	14 14	1 20	2 52	1 6	22 11	1 0	23 36	0 17	22 21	1 7	3 46	17 8	12 3	12 29	13 45	16 30	3 59
F 11	8 9	19 3	3 25	2 55	1 43	7 41	1 5	13 59	1 21	2 58	1 6	22 12	0 59	23 36	0 17	22 21	1 7	3 47	17 8	12 3	12 30	13 46	16 31	3 59
S 12	8 31	17 46	2 26	3 46	1 36	8 10	1 4	13 44	1 22	3 4	1 6	22 12	0 59	23 36	0 17	22 21	1 7	3 47	17 9	12 3	12 31	13 48	16 32	3 58
S 13	8 53	15 33	1 20	4 39	1 29	8 39	1 2	13 29	1 22	3 9	1 6	22 13	0 59	23 36	0 17	22 21	1 6	3 48	17 9	12 3	12 32	13 49	16 33	3 58
M14	9 15	12 35	0 11	5 32	1 21	9 7	1 1	13 13	1 23	3 15	1 6	22 13	0 59	23 36	0 17	22 21	1 6	3 48	17 9	12 3	12 33	13 51	16 33	3 58
T 15	9 36	9 5	0s57	6 26	1 13	9 36	0 59	12 58	1 23	3 20	1 6	22 14	0 59	23 36	0 17	22 21	1 6	3 49	17 9	12 3	12 34	13 53	16 34	3 58
W16	9 58	5 14	2 0	7 20	1 5	10 4	0 57	12 43	1 24	3 26	1 6	22 14	0 59	23 36	0 17	22 21	1 6	3 50	17 9	12 4	12 35	13 54	16 35	3 58
T 17	10 19	1 13	2 57	8 15	0 56	10 32	0 55	12 27	1 25	3 31	1 6	22 15	0 58	23 36	0 17	22 21	1 6	3 50	17 9	12 6	12 36	13 56	16 36	3 58
F 18	10 40	2n49	3 46	9 9	0 47	10 59	0 54	12 11	1 25	3 37	1 6	22 15	0 58	23 36	0 17	22 22	1 6	3 51	17 9	12 8	12 37	13 57	16 37	3 58
S 19	11 1	6 41	4 23	10 4	0 37	11 27	0 52	11 55	1 26	3 42	1 6	22 16	0 58	23 36	0 17	22 22	1 6	3 51	17 9	12 12	12 39	13 59	16 38	3 58
S 20	11 22	10 16	4 49	10 59	0 27	11 54	0 50	11 40	1 27	3 48	1 6	22 16	0 58	23 36	0 17	22 22	1 6	3 52	17 9	12 16	12 40	14 0	16 39	3 58
M21	11 42	13 24	5 1	11 53	0 17	12 21	0 48	11 24	1 27	3 53	1 6	22 17	0 58	23 36	0 17	22 22	1 6	3 52	17 9	12 20	12 41	14 2	16 40	3 58
T 22	12 3	16 0	5 1	12 47	0 6	12 47	0 46	11 8	1 28	3 59	1 6	22 17	0 58	23 36	0 17	22 22	1 6	3 53	17 9	12 24	12 42	14 3	16 41	3 58
W23	12 23	17 56	4 48	13 40	0n 4	13 14	0 44	10 51	1 28	4 4	1 6	22 18	0 57	23 37	0 17	22 22	1 6	3 53	17 9	12 27	12 43	14 5	16 41	3 58
T 24	12 43	19 5	4 22	14 32	0 15	13 40	0 42	10 35	1 29	4 10	1 7	22 18	0 57	23 37	0 17	22 22	1 6	3 54	17 9	12 30	12 44	14 7	16 42	3 58
F 25	13 3	19 24	3 44	15 23	0 26	14 5	0 40	10 19	1 29	4 15	1 7	22 19	0 57	23 37	0 17	22 22	1 6	3 54	17 9	12 32	12 45	14 8	16 43	3 58
S 26	13 22	18 50	2 56	16 13	0 37	14 30	0 38	10 2	1 30	4 20	1 7	22 19	0 57	23 37	0 17	22 22	1 6	3 55	17 9	12 33	12 46	14 10	16 44	3 58
S 27	13 42	17 21	1 59	17 1	0 47	14 55	0 35	9 46	1 31	4 26	1 7	22 20	0 57	23 37	0 17	22 22	1 6	3 55	17 9	12 33	12 47	14 11	16 45	3 58
M28	14 1	14 59	0 54	17 48	0 57	15 20	0 33	9 29	1 31	4 31	1 7	22 20	0 57	23 37	0 17	22 22	1 6	3 56	17 9	12 33	12 48	14 13	16 46	3 58
T 29	14 19	11 48	0n15	18 32	1 8	15 44	0 31	9 13	1 32	4 36	1 7	22 21	0 56	23 37	0 17	22 22	1 6	3 56	17 9	12 33	12 49	14 14	16 47	3 58
W30	14n38	7n52	1n26	19n15	1n17	16n 8	0s29	8s56	1s32	4n42	1s 7	22n21	0s56	23s37	0s17	22n22	1s 6	3n57	17n 8	12n33	12n50	14n16	16n48	3s58

Julian Day Number = 2355941.5, Delta T = 12.83 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'10, Lahiri = 20°12'10Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1738
geocentric

MAY 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 46	10♉20'22	27♍24	22♉54	17♉ 1	11♓36	14♈44	23♊14	6°R 4	28♊50	1°R56	26°R52	26♌ 2	26♉ 3	2♊32	T 1
F 2	14 38 43	11°18'27	11♎55	24°52	18°15	12°21	14°57	23°20	6♋ 3	28°52	1♏55	26♌46	25°59	26°10	2°37	F 2
S 3	14 42 39	12°16'30	26°51	26°48	19°29	13° 6	15°11	23°27	6° 2	28°53	1°53	26°38	25°56	26°17	2°41	S 3
S 4	14 46 36	13°14'32	12♏ 3	28°41	20°43	13°52	15°25	23°33	6° 1	28°55	1°51	26°28	25°52	26°24	2°46	S 4
M 5	14 50 32	14°12'31	27°22	0♊31	21°56	14°37	15°38	23°40	6° 0	28°57	1°50	26°18	25°49	26°30	2°50	M 5
T 6	14 54 29	15°10'30	12♐36	2°17	23°10	15°22	15°52	23°47	5°58	28°58	1°48	26° 8	25°46	26°37	2°55	T 6
W 7	14 58 25	16° 8'27	27°34	4° 1	24°24	16° 7	16° 5	23°53	5°57	29° 0	1°46	25°59	25°43	26°44	3° 0	W 7
T 8	15 2 22	17° 6'22	12♑ 9	5°41	25°38	16°53	16°19	24° 0	5°56	29° 2	1°45	25°53	25°40	26°50	3° 5	T 8
F 9	15 6 19	18° 4'16	26°17	7°18	26°52	17°38	16°32	24° 7	5°55	29° 3	1°43	25°50	25°37	26°57	3° 9	F 9
S 10	15 10 15	19° 2'09	9♒57	8°52	28° 5	18°23	16°46	24°14	5°53	29° 5	1°41	25°49	25°33	27° 4	3°14	S 10
S 11	15 14 12	20° 0'01	23°12	10°21	29°19	19° 8	16°59	24°21	5°52	29° 7	1°40	25°49	25°30	27°11	3°19	S 11
M12	15 18 8	20°57'51	6♓ 3	11°48	0♊33	19°53	17°12	24°28	5°50	29° 9	1°38	25°48	25°27	27°17	3°24	M12
T 13	15 22 5	21°55'41	18°36	13°10	1°47	20°38	17°25	24°35	5°49	29°11	1°37	25°47	25°24	27°24	3°29	T 13
W14	15 26 1	22°53'29	0♈55	14°29	3° 1	21°23	17°38	24°42	5°47	29°13	1°35	25°43	25°21	27°31	3°33	W14
T 15	15 29 58	23°51'15	13° 3	15°44	4°14	22° 8	17°51	24°49	5°46	29°14	1°34	25°37	25°17	27°37	3°38	T 15
F 16	15 33 54	24°49'01	25° 4	16°55	5°28	22°53	18° 4	24°56	5°44	29°16	1°32	25°28	25°14	27°44	3°43	F 16
S 17	15 37 51	25°46'45	7♉ 0	18° 2	6°42	23°38	18°17	25° 3	5°42	29°18	1°31	25°16	25°11	27°51	3°48	S 17
S 18	15 41 48	26°44'29	18°53	19° 6	7°55	24°23	18°30	25°10	5°41	29°20	1°29	25° 3	25° 8	27°58	3°53	S 18
M19	15 45 44	27°42'10	0♊45	20° 5	9° 9	25° 8	18°43	25°18	5°39	29°22	1°28	24°48	25° 5	28° 4	3°58	M19
T 20	15 49 41	28°39'51	12°37	21° 0	10°23	25°53	18°56	25°25	5°37	29°24	1°26	24°35	25° 2	28°11	4° 2	T 20
W21	15 53 37	29°37'30	24°31	21°51	11°36	26°37	19° 9	25°32	5°36	29°26	1°25	24°23	24°58	28°18	4° 7	W21
T 22	15 57 34	0♊35'08	6♋28	22°38	12°50	27°22	19°21	25°40	5°34	29°28	1°23	24°13	24°55	28°25	4°12	T 22
F 23	16 1 30	1°32'45	18°31	23°21	14° 4	28° 7	19°34	25°47	5°32	29°30	1°22	24° 6	24°52	28°31	4°17	F 23
S 24	16 5 27	2°30'20	0♌42	23°59	15°17	28°51	19°46	25°54	5°30	29°32	1°20	24° 2	24°49	28°38	4°22	S 24
S 25	16 9 23	3°27'54	13° 7	24°33	16°31	29°36	19°59	26° 2	5°28	29°34	1°19	24° 0	24°46	28°45	4°27	S 25
M26	16 13 20	4°25'26	25°47	25° 2	17°44	0♈21	20°11	26° 9	5°26	29°36	1°18	24°D 0	24°43	28°51	4°32	M26
T 27	16 17 17	5°22'57	8♍49	25°27	18°58	1° 5	20°23	26°17	5°24	29°38	1°16	24°R 0	24°39	28°58	4°37	T 27
W28	16 21 13	6°20'27	22°16	25°47	20°11	1°50	20°35	26°24	5°22	29°40	1°15	23°59	24°36	29° 5	4°42	W28
T 29	16 25 10	7°17'55	6♎10	26° 2	21°25	2°34	20°47	26°32	5°20	29°42	1°14	23°56	24°33	29°12	4°46	T 29
F 30	16 29 6	8°15'22	20°32	26°13	22°38	3°18	20°59	26°39	5°18	29°45	1°12	23°51	24°30	29°18	4°51	F 30
S 31	16 33 3	9♊12'48	5♏20	26♊19	23♊52	4♈ 3	21♈11	26♊47	5♑16	29♊47	1♏11	23♌44	24♌27	29♉25	4♊56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n56	3n23	2n34	19n55	1n26	16n31	0s26	8s39	1s33	4n47	1s 7	22n22	0s56	23s37	0s17	22n22	1s 6	3n57	17n 8	12n35	12n51	14n17	16n49	3s58
F 2	15 15	1s26	3 34	20 33	1 35	16 54	0 24	8 22	1 33	4 52	1 7	22 22	0 56	23 37	0 17	22 22	1 6	3 58	17 8	12 36	12 53	14 19	16 50	3 58
S 3	15 32	6 17	4 22	21 9	1 43	17 16	0 22	8 5	1 34	4 57	1 7	22 23	0 56	23 37	0 17	22 22	1 6	3 58	17 8	12 39	12 54	14 20	16 50	3 58
S 4	15 50	10 51	4 52	21 42	1 51	17 38	0 20	7 48	1 34	5 3	1 7	22 23	0 56	23 37	0 17	22 22	1 6	3 59	17 8	12 43	12 55	14 22	16 51	3 58
M 5	16 7	14 43	5 1	22 12	1 58	18 0	0 17	7 31	1 35	5 8	1 7	22 24	0 56	23 37	0 17	22 22	1 6	3 59	17 8	12 46	12 56	14 23	16 52	3 58
T 6	16 25	17 34	4 49	22 40	2 4	18 21	0 15	7 14	1 35	5 13	1 7	22 24	0 55	23 37	0 17	22 22	1 6	3 59	17 8	12 50	12 57	14 25	16 53	3 58
W 7	16 41	19 10	4 17	23 6	2 10	18 42	0 12	6 57	1 36	5 18	1 7	22 25	0 55	23 37	0 17	22 23	1 6	4 0	17 7	12 52	12 58	14 27	16 54	3 58
T 8	16 58	19 27	3 29	23 29	2 14	19 2	0 10	6 40	1 36	5 23	1 7	22 25	0 55	23 38	0 17	22 23	1 6	4 0	17 7	12 54	12 59	14 28	16 55	3 58
F 9	17 14	18 29	2 29	23 50	2 18	19 21	0 8	6 23	1 37	5 28	1 8	22 25	0 55	23 38	0 17	22 23	1 5	4 0	17 7	12 55	13 0	14 30	16 56	3 58
S 10	17 30	16 27	1 23	24 8	2 21	19 41	0 5	6 6	1 37	5 33	1 8	22 26	0 55	23 38	0 17	22 23	1 5	4 1	17 7	12 56	13 1	14 31	16 57	3 58
S 11	17 46	13 35	0 14	24 24	2 23	19 59	0 3	5 48	1 38	5 38	1 8	22 26	0 55	23 38	0 17	22 23	1 5	4 1	17 7	12 56	13 2	14 33	16 57	3 58
M12	18 1	10 8	0s54	24 37	2 25	20 17	0 0	5 31	1 38	5 43	1 8	22 27	0 55	23 38	0 17	22 23	1 5	4 1	17 7	12 56	13 3	14 34	16 58	3 58
T 13	18 16	6 19	1 57	24 49	2 25	20 35	0n 2	5 14	1 39	5 48	1 8	22 27	0 54	23 38	0 17	22 23	1 5	4 2	17 6	12 57	13 4	14 36	16 59	3 58
W14	18 31	2 18	2 54	24 58	2 25	20 52	0 4	4 56	1 39	5 53	1 8	22 28	0 54	23 38	0 17	22 23	1 5	4 2	17 6	12 58	13 5	14 37	17 0	3 58
T 15	18 46	1n45	3 42	25 5	2 24	21 8	0 7	4 39	1 39	5 58	1 8	22 28	0 54	23 38	0 17	22 23	1 5	4 2	17 6	13 0	13 6	14 39	17 1	3 58
F 16	19 0	5 41	4 19	25 10	2 21	21 24	0 9	4 21	1 40	6 3	1 8	22 28	0 54	23 38	0 17	22 23	1 5	4 3	17 6	13 3	13 8	14 40	17 2	3 58
S 17	19 14	9 23	4 45	25 14	2 18	21 39	0 12	4 4	1 40	6 8	1 8	22 29	0 54	23 38	0 17	22 23	1 5	4 3	17 5	13 7	13 9	14 42	17 3	3 58
S 18	19 27	12 41	4 58	25 15	2 14	21 54	0 14	3 47	1 41	6 12	1 8	22 29	0 54	23 38	0 17	22 23	1 5	4 3	17 5	13 11	13 10	14 43	17 3	3 58
M19	19 40	15 29	4 58	25 15	2 9	22 8	0 17	3 29	1 41	6 17	1 9	22 30	0 54	23 38	0 17	22 23	1 5	4 3	17 5	13 16	13 11	14 45	17 4	3 58
T 20	19 53	17 38	4 45	25 13	2 3	22 21	0 19	3 12	1 41	6 22	1 9	22 30	0 54	23 39	0 17	22 23	1 5	4 3	17 4	13 21	13 12	14 46	17 5	3 58
W21	20 6	19 2	4 20	25 9	1 56	22 34	0 22	2 54	1 42	6 27	1 9	22 30	0 53	23 39	0 18	22 23	1 5	4 4	17 4	13 25	13 13	14 48	17 6	3 58
T 22	20 18	19 36	3 43	25 5	1 49	22 46	0 24	2 37	1 42	6 31	1 9	22 31	0 53	23 39	0 18	22 23	1 5	4 4	17 4	13 28	13 14	14 49	17 7	3 58
F 23	20 30	19 17	2 56	24 58	1 40	22 57	0 26	2 19	1 43	6 36	1 9	22 31	0 53	23 39	0 18	22 23	1 5	4 4	17 4	13 30	13 15	14 51	17 8	3 58
S 24	20 41	18 4	2 0	24 51	1 31	23 8	0 29	2 2	1 43	6 41	1 9	22 31	0 53	23 39	0 18	22 23	1 5	4 4	17 3	13 32	13 16	14 52	17 8	3 58
S 25	20 53	15 59	0 57	24 42	1 20	23 18	0 31	1 44	1 43	6 45	1 9	22 32	0 53	23 39	0 18	22 23	1 5	4 4	17 3	13 32	13 17	14 54	17 9	3 58
M26	21 3	13 5	0n10	24 32	1 9	23 28	0 33	1 27	1 44	6 50	1 9	22 32	0 53	23 39	0 18	22 23	1 5	4 4	17 3	13 32	13 18	14 55	17 10	3 58
T 27	21 14	9 28	1 18	24 20	0 57	23 36	0 36	1 9	1 44	6 54	1 9	22 32	0 53	23 39	0 18	22 23	1 5	4 4	17 2	13 32	13 19	14 57	17 11	3 59
W28	21 24	5 16	2 24	24 8	0 44	23 44	0 38	0 52	1 44	6 59	1 10	22 33	0 53	23 39	0 18	22 23	1 5	4 5	17 2	13 33	13 20	14 58	17 11	3 59
T 29	21 33	0 40	3 24	23 55	0 30	23 52	0 40	0 35	1 44	7 3	1 10	22 33	0 53	23 39	0 18	22 23	1 5	4 5	17 1	13 34	13 21	15 0	17 12	3 59
F 30	21 43	4s 8	4 13	23 41	0 16	23 59	0 43	0 17	1 45	7 7	1 10	22 33	0 52	23 40	0 18	22 23	1 5	4 5	17 1	13 35	13 22	15 1	17 13	3 59
S 31	21n52	8s49	4n46	23n26	0n 1	24n 5	0n45	0n 0	1s45	7n12	1s10	22n34	0s52	23s40	0s18	22n23	1s 5	4n 5	17n 1	13n38	13n23	15n 3	17n14	3s59

Julian Day Number = 2355971.5, Delta T = 12.84 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'14, Lahiri = 20°12'14Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1738
geocentric

JUNE 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 59	10♊10'12	20♏27	26°R21	25♊ 5	4♈47	21♈23	26♊54	5°R14	29♊49	1°R10	23°R35	24♌23	29♉32	5♊ 1	S 1
M 2	16 40 56	11° 7'36	5♐45	26♊18	26°19	5°31	21°35	27° 2	5♑12	29°51	1♏ 9	23♌25	24°20	29°38	5° 6	M 2
T 3	16 44 52	12° 4'59	21° 2	26°10	27°32	6°15	21°47	27°10	5°10	29°53	1° 8	23°15	24°17	29°45	5°11	T 3
W 4	16 48 49	13° 2'21	6♑ 7	25°59	28°46	6°59	21°58	27°17	5° 7	29°55	1° 6	23° 7	24°14	29°52	5°16	W 4
T 5	16 52 46	13°59'42	20°51	25°43	29°59	7°44	22°10	27°25	5° 5	29°57	1° 5	23° 1	24°11	29°59	5°21	T 5
F 6	16 56 42	14°57'02	5♒ 8	25°24	1♋12	8°28	22°21	27°33	5° 3	29°59	1° 4	22°58	24° 8	0♊ 5	5°26	F 6
S 7	17 0 39	15°54'22	18°56	25° 1	2°26	9°12	22°32	27°41	5° 1	0♋ 2	1° 3	22°D57	24° 4	0°12	5°30	S 7
S 8	17 4 35	16°51'42	2♓16	24°35	3°39	9°55	22°44	27°48	4°59	0° 4	1° 2	22°57	24° 1	0°19	5°35	S 8
M 9	17 8 32	17°49'01	15°11	24° 6	4°52	10°39	22°55	27°56	4°56	0° 6	1° 1	22°R57	23°58	0°26	5°40	M 9
T 10	17 12 28	18°46'19	27°44	23°36	6° 6	11°23	23° 6	28° 4	4°54	0° 8	1° 0	22°57	23°55	0°32	5°45	T 10
W11	17 16 25	19°43'37	10♈ 1	23° 3	7°19	12° 7	23°17	28°12	4°52	0°10	0°59	22°55	23°52	0°39	5°50	W11
T 12	17 20 21	20°40'55	22° 6	22°30	8°32	12°50	23°28	28°19	4°49	0°13	0°58	22°50	23°49	0°46	5°55	T 12
F 13	17 24 18	21°38'13	4♉ 3	21°56	9°46	13°34	23°38	28°27	4°47	0°15	0°57	22°44	23°45	0°52	5°59	F 13
S 14	17 28 15	22°35'30	15°55	21°22	10°59	14°18	23°49	28°35	4°45	0°17	0°56	22°35	23°42	0°59	6° 4	S 14
S 15	17 32 11	23°32'46	27°47	20°49	12°12	15° 1	24° 0	28°43	4°42	0°19	0°56	22°25	23°39	1° 6	6° 9	S 15
M16	17 36 8	24°30'03	9♊39	20°16	13°26	15°44	24°10	28°51	4°40	0°22	0°55	22°14	23°36	1°13	6°14	M16
T 17	17 40 4	25°27'19	21°34	19°46	14°39	16°28	24°20	28°58	4°38	0°24	0°54	22° 3	23°33	1°19	6°18	T 17
W18	17 44 1	26°24'34	3♋33	19°18	15°52	17°11	24°31	29° 6	4°35	0°26	0°53	21°54	23°29	1°26	6°23	W18
T 19	17 47 57	27°21'49	15°38	18°52	17° 5	17°54	24°41	29°14	4°33	0°28	0°52	21°46	23°26	1°33	6°28	T 19
F 20	17 51 54	28°19'04	27°50	18°30	18°18	18°37	24°51	29°22	4°30	0°30	0°52	21°41	23°23	1°40	6°32	F 20
S 21	17 55 50	29°16'18	10♌12	18°11	19°32	19°20	25° 0	29°30	4°28	0°33	0°51	21°38	23°20	1°46	6°37	S 21
S 22	17 59 47	0♋13'32	22°45	17°56	20°45	20° 3	25°10	29°38	4°25	0°35	0°50	21°D38	23°17	1°53	6°42	S 22
M23	18 3 44	1°10'45	5♍32	17°46	21°58	20°46	25°20	29°45	4°23	0°37	0°50	21°38	23°14	2° 0	6°46	M23
T 24	18 7 40	2° 7'58	18°37	17°40	23°11	21°29	25°29	29°53	4°21	0°39	0°49	21°40	23°10	2° 6	6°51	T 24
W25	18 11 37	3° 5'10	2♎ 2	17°D38	24°24	22°11	25°39	0♋ 1	4°18	0°42	0°49	21°R40	23° 7	2°13	6°56	W25
T 26	18 15 33	4° 2'21	15°49	17°41	25°37	22°54	25°48	0° 9	4°16	0°44	0°48	21°40	23° 4	2°20	7° 0	T 26
F 27	18 19 30	4°59'32	0♏ 0	17°49	26°50	23°36	25°57	0°17	4°13	0°46	0°48	21°37	23° 1	2°27	7° 5	F 27
S 28	18 23 26	5°56'43	14°33	18° 2	28° 3	24°19	26° 6	0°24	4°11	0°48	0°47	21°33	22°58	2°33	7° 9	S 28
S 29	18 27 23	6°53'53	29°24	18°19	29°16	25° 1	26°15	0°32	4° 8	0°51	0°47	21°27	22°54	2°40	7°14	S 29
M30	18 31 19	7♋51'04	14♐26	18♊42	0♌29	25♈43	26♈24	0♋40	4♑ 6	0♋53	0♏46	21♌21	22♌51	2♊47	7♊18	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	13s 3	5n 1	23n10	0s15	24n10	0n47	0n18	1s45	7n16	1s10	22n34	0s52	23s40	0s18	22n23	1s 5	4n 5	17n 0	13n41	13n25	15n 4	17n15	3s59
M 2	22 8	16 27	4 55	22 54	0 31	24 14	0 49	0 35	1 46	7 20	1 10	22 34	0 52	23 40	0 18	22 23	1 5	4 5	17 0	13 44	13 26	15 6	17 15	3 59
T 3	22 16	18 43	4 27	22 37	0 48	24 18	0 52	0 52	1 46	7 25	1 10	22 34	0 52	23 40	0 18	22 23	1 5	4 5	16 59	13 47	13 27	15 7	17 16	3 59
W 4	22 24	19 39	3 41	22 20	1 5	24 22	0 54	1 9	1 46	7 29	1 11	22 35	0 52	23 40	0 18	22 23	1 5	4 5	16 59	13 50	13 28	15 9	17 17	3 59
T 5	22 31	19 11	2 42	22 2	1 22	24 24	0 56	1 27	1 46	7 33	1 11	22 35	0 52	23 40	0 18	22 23	1 5	4 5	16 59	13 52	13 29	15 10	17 17	4 0
F 6	22 37	17 30	1 33	21 45	1 39	24 26	0 58	1 44	1 46	7 37	1 11	22 35	0 52	23 40	0 18	22 24	1 5	4 5	16 58	13 53	13 30	15 11	17 18	4 0
S 7	22 43	14 50	0 21	21 27	1 56	24 27	1 0	2 1	1 47	7 41	1 11	22 35	0 52	23 40	0 18	22 24	1 5	4 5	16 58	13 53	13 31	15 13	17 19	4 0
S 8	22 49	11 27	0s49	21 9	2 13	24 27	1 2	2 18	1 47	7 45	1 11	22 36	0 51	23 40	0 18	22 24	1 5	4 5	16 57	13 53	13 32	15 14	17 20	4 0
M 9	22 55	7 37	1 56	20 51	2 29	24 27	1 4	2 35	1 47	7 49	1 11	22 36	0 51	23 41	0 18	22 24	1 5	4 4	16 57	13 53	13 33	15 16	17 20	4 0
T 10	23 0	3 34	2 54	20 34	2 45	24 25	1 6	2 52	1 47	7 53	1 11	22 36	0 51	23 41	0 18	22 24	1 5	4 4	16 56	13 53	13 34	15 17	17 21	4 0
W11	23 4	0n33	3 43	20 17	3 1	24 24	1 8	3 9	1 47	7 57	1 12	22 36	0 51	23 41	0 18	22 24	1 5	4 4	16 56	13 54	13 35	15 19	17 22	4 0
T 12	23 9	4 34	4 22	20 1	3 15	24 21	1 9	3 26	1 48	8 1	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 4	16 55	13 55	13 36	15 20	17 22	4 1
F 13	23 12	8 22	4 48	19 45	3 29	24 18	1 11	3 42	1 48	8 5	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 4	16 55	13 57	13 37	15 22	17 23	4 1
S 14	23 16	11 48	5 2	19 31	3 41	24 14	1 13	3 59	1 48	8 8	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 4	16 55	14 0	13 38	15 23	17 24	4 1
S 15	23 19	14 47	5 2	19 17	3 53	24 9	1 15	4 16	1 48	8 12	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 4	16 54	14 4	13 39	15 25	17 24	4 1
M16	23 21	17 9	4 50	19 5	4 3	24 3	1 16	4 33	1 48	8 16	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 3	16 54	14 7	13 40	15 26	17 25	4 1
T 17	23 24	18 48	4 25	18 54	4 11	23 57	1 18	4 49	1 48	8 19	1 13	22 37	0 51	23 41	0 18	22 24	1 5	4 3	16 53	14 11	13 41	15 27	17 25	4 1
W18	23 25	19 37	3 48	18 45	4 18	23 50	1 19	5 6	1 48	8 23	1 13	22 38	0 51	23 41	0 18	22 24	1 5	4 3	16 53	14 14	13 42	15 29	17 26	4 2
T 19	23 27	19 34	3 1	18 37	4 24	23 43	1 21	5 22	1 48	8 26	1 13	22 38	0 50	23 42	0 18	22 24	1 5	4 3	16 52	14 16	13 43	15 30	17 27	4 2
F 20	23 28	18 36	2 4	18 31	4 28	23 35	1 22	5 38	1 48	8 30	1 13	22 38	0 50	23 42	0 18	22 24	1 5	4 3	16 52	14 18	13 45	15 32	17 27	4 2
S 21	23 28	16 44	1 1	18 26	4 31	23 26	1 24	5 54	1 48	8 33	1 13	22 38	0 50	23 42	0 18	22 24	1 5	4 2	16 51	14 19	13 46	15 33	17 28	4 2
S 22	23 28	14 3	0n 6	18 24	4 33	23 16	1 25	6 11	1 48	8 37	1 13	22 38	0 50	23 42	0 18	22 24	1 5	4 2	16 50	14 19	13 47	15 35	17 28	4 2
M23	23 28	10 39	1 14	18 23	4 33	23 6	1 26	6 27	1 48	8 40	1 14	22 38	0 50	23 42	0 18	22 24	1 5	4 2	16 50	14 19	13 48	15 36	17 29	4 3
T 24	23 27	6 40	2 20	18 23	4 32	22 55	1 27	6 43	1 48	8 43	1 14	22 38	0 50	23 42	0 18	22 24	1 5	4 1	16 49	14 18	13 49	15 38	17 29	4 3
W25	23 26	2 15	3 20	18 26	4 29	22 43	1 29	6 58	1 48	8 47	1 14	22 38	0 50	23 42	0 18	22 24	1 5	4 1	16 49	14 18	13 50	15 39	17 30	4 3
T 26	23 25	2s23	4 10	18 30	4 25	22 31	1 30	7 14	1 48	8 50	1 14	22 38	0 50	23 42	0 18	22 24	1 5	4 1	16 48	14 18	13 51	15 40	17 31	4 3
F 27	23 23	7 0	4 47	18 35	4 20	22 18	1 31	7 30	1 48	8 53	1 14	22 38	0 50	23 42	0 18	22 24	1 4	4 0	16 48	14 19	13 52	15 42	17 31	4 3
S 28	23 20	11 21	5 6	18 42	4 15	22 4	1 32	7 46	1 48	8 56	1 15	22 38	0 50	23 42	0 18	22 24	1 4	4 0	16 47	14 20	13 53	15 43	17 32	4 4
S 29	23 17	15 4	5 5	18 51	4 8	21 50	1 32	8 1	1 48	8 59	1 15	22 39	0 50	23 42	0 18	22 24	1 4	4 0	16 47	14 22	13 54	15 45	17 32	4 4
M30	23n14	17s51	4n44	19n 0	4s 0	21n35	1n33	8n16	1s48	9n 2	1s15	22n39	0s50	23s42	0s18	22n24	1s 4	3n59	16n46	14n24	13n55	15n46	17n33	4s 4

Julian Day Number = 2356002.5, Delta T = 12.87 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'18, Lahiri = 20°12'19Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1738
geocentric

JULY 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 16	8♋48'14	29♐29	19♊ 9	1♌42	26♈25	26♈33	0♋48	4°R 4	0♋55	0°R46	21°R15	22♌48	2♊53	7♊22	T 1
W 2	18 39 13	9°45'24	14♑26	19°42	2°55	27° 7	26°41	0°56	4♑ 1	0°57	0♏46	21♌10	22°45	3° 0	7°27	W 2
T 3	18 43 9	10°42'34	29° 6	20°19	4° 8	27°49	26°50	1° 3	3°59	0°59	0°45	21° 6	22°42	3° 7	7°31	T 3
F 4	18 47 6	11°39'44	13♒24	21° 2	5°21	28°31	26°58	1°11	3°56	1° 2	0°45	21° 5	22°39	3°14	7°35	F 4
S 5	18 51 2	12°36'55	27°15	21°49	6°34	29°13	27° 6	1°19	3°54	1° 4	0°45	21°D 4	22°35	3°20	7°40	S 5
S 6	18 54 59	13°34'06	10♓40	22°41	7°47	29°54	27°14	1°27	3°52	1° 6	0°45	21° 5	22°32	3°27	7°44	S 6
M 7	18 58 55	14°31'17	23°39	23°37	9° 0	0♉36	27°22	1°34	3°49	1° 8	0°44	21° 7	22°29	3°34	7°48	M 7
T 8	19 2 52	15°28'29	6♈17	24°38	10°12	1°17	27°30	1°42	3°47	1°10	0°44	21° 8	22°26	3°41	7°52	T 8
W 9	19 6 48	16°25'41	18°36	25°44	11°25	1°59	27°37	1°50	3°44	1°13	0°44	21°R 9	22°23	3°47	7°57	W 9
T 10	19 10 45	17°22'53	0♉42	26°54	12°38	2°40	27°45	1°57	3°42	1°15	0°44	21° 8	22°20	3°54	8° 1	T 10
F 11	19 14 42	18°20'07	12°39	28° 9	13°51	3°21	27°52	2° 5	3°40	1°17	0°D44	21° 5	22°16	4° 1	8° 5	F 11
S 12	19 18 38	19°17'21	24°32	29°28	15° 4	4° 2	27°59	2°13	3°37	1°19	0°44	21° 2	22°13	4° 7	8° 9	S 12
S 13	19 22 35	20°14'35	6♊23	0♋51	16°16	4°43	28° 6	2°20	3°35	1°21	0°44	20°57	22°10	4°14	8°13	S 13
M14	19 26 31	21°11'50	18°18	2°19	17°29	5°24	28°13	2°28	3°33	1°23	0°44	20°52	22° 7	4°21	8°17	M14
T 15	19 30 28	22° 9'06	0♋18	3°51	18°42	6° 4	28°19	2°35	3°31	1°25	0°44	20°47	22° 4	4°28	8°21	T 15
W16	19 34 24	23° 6'22	12°25	5°26	19°54	6°45	28°26	2°43	3°28	1°28	0°44	20°42	22° 0	4°34	8°25	W16
T 17	19 38 21	24° 3'39	24°41	7° 6	21° 7	7°25	28°32	2°50	3°26	1°30	0°45	20°39	21°57	4°41	8°29	T 17
F 18	19 42 17	25° 0'57	7♌ 7	8°49	22°20	8° 5	28°38	2°58	3°24	1°32	0°45	20°37	21°54	4°48	8°32	F 18
S 19	19 46 14	25°58'14	19°45	10°36	23°32	8°45	28°44	3° 5	3°22	1°34	0°45	20°D37	21°51	4°54	8°36	S 19
S 20	19 50 11	26°55'33	2♍34	12°25	24°45	9°25	28°50	3°13	3°20	1°36	0°45	20°37	21°48	5° 1	8°40	S 20
M21	19 54 7	27°52'51	15°38	14°18	25°57	10° 5	28°56	3°20	3°17	1°38	0°46	20°38	21°45	5° 8	8°44	M21
T 22	19 58 4	28°50'10	28°55	16°14	27°10	10°45	29° 2	3°27	3°15	1°40	0°46	20°40	21°41	5°15	8°47	T 22
W23	20 2 0	29°47'30	12♎28	18°11	28°22	11°25	29° 7	3°35	3°13	1°42	0°46	20°41	21°38	5°21	8°51	W23
T 24	20 5 57	0♌44'50	26°17	20°11	29°35	12° 4	29°12	3°42	3°11	1°44	0°47	20°R42	21°35	5°28	8°54	T 24
F 25	20 9 53	1°42'10	10♏22	22°13	0♍47	12°43	29°17	3°49	3° 9	1°46	0°47	20°41	21°32	5°35	8°58	F 25
S 26	20 13 50	2°39'31	24°41	24°16	2° 0	13°22	29°22	3°57	3° 7	1°48	0°48	20°40	21°29	5°41	9° 1	S 26
S 27	20 17 46	3°36'53	9♐12	26°21	3°12	14° 1	29°27	4° 4	3° 5	1°50	0°48	20°39	21°26	5°48	9° 5	S 27
M28	20 21 43	4°34'15	23°49	28°26	4°24	14°40	29°31	4°11	3° 3	1°52	0°49	20°37	21°22	5°55	9° 8	M28
T 29	20 25 40	5°31'37	8♑29	0♌31	5°36	15°19	29°36	4°18	3° 1	1°54	0°49	20°35	21°19	6° 2	9°11	T 29
W30	20 29 36	6°29'01	23° 3	2°37	6°49	15°57	29°40	4°25	2°59	1°56	0°50	20°33	21°16	6° 8	9°15	W30
T 31	20 33 33	7♌26'25	7♒26	4♌42	8♍ 1	16♉36	29♈44	4♋32	2♑57	1♋58	0♏51	20♌32	21♌13	6♊15	9♊18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n11	19s25	4n 3	19n11	3s51	21n20	1n34	8n32	1s48	9n 5	1s15	22n39	0s50	23s43	0s18	22n24	1s 4	3n59	16n46	14n26	13n56	15n48	17n33	4s 4
W 2	23 7	19 37	3 5	19 23	3 42	21 4	1 35	8 47	1 48	9 8	1 15	22 39	0 49	23 43	0 18	22 24	1 4	3 58	16 45	14 28	13 57	15 49	17 34	4 5
T 3	23 2	18 28	1 56	19 36	3 31	20 47	1 35	9 2	1 48	9 11	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 58	16 44	14 29	13 58	15 50	17 34	4 5
F 4	22 58	16 10	0 42	19 50	3 21	20 30	1 36	9 17	1 48	9 14	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 58	16 44	14 30	13 59	15 52	17 34	4 5
S 5	22 52	12 58	0s34	20 4	3 9	20 13	1 36	9 32	1 48	9 16	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 57	16 43	14 30	14 0	15 53	17 35	4 5
S 6	22 47	9 11	1 45	20 19	2 57	19 54	1 37	9 47	1 47	9 19	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 57	16 43	14 29	14 1	15 55	17 35	4 6
M 7	22 41	5 6	2 48	20 34	2 45	19 36	1 37	10 1	1 47	9 22	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 56	16 42	14 29	14 2	15 56	17 36	4 6
T 8	22 34	0 54	3 41	20 49	2 32	19 16	1 37	10 16	1 47	9 24	1 17	22 39	0 49	23 43	0 18	22 23	1 4	3 56	16 42	14 28	14 3	15 57	17 36	4 6
W 9	22 28	3n14	4 23	21 5	2 19	18 56	1 38	10 30	1 47	9 27	1 17	22 39	0 49	23 43	0 18	22 23	1 4	3 55	16 41	14 28	14 4	15 59	17 36	4 6
T 10	22 20	7 10	4 52	21 20	2 6	18 36	1 38	10 44	1 47	9 29	1 17	22 38	0 49	23 43	0 18	22 23	1 4	3 55	16 40	14 29	14 5	16 0	17 37	4 7
F 11	22 13	10 45	5 8	21 35	1 53	18 15	1 38	10 59	1 47	9 32	1 17	22 38	0 49	23 43	0 18	22 23	1 4	3 54	16 40	14 29	14 6	16 2	17 37	4 7
S 12	22 5	13 54	5 11	21 49	1 39	17 54	1 38	11 13	1 46	9 34	1 17	22 38	0 49	23 43	0 18	22 23	1 4	3 54	16 39	14 30	14 7	16 3	17 38	4 7
S 13	21 57	16 28	5 1	22 2	1 26	17 32	1 38	11 27	1 46	9 36	1 18	22 38	0 49	23 43	0 18	22 23	1 4	3 53	16 39	14 32	14 8	16 4	17 38	4 8
M14	21 48	18 21	4 37	22 15	1 12	17 10	1 37	11 40	1 46	9 38	1 18	22 38	0 49	23 44	0 18	22 23	1 4	3 52	16 38	14 34	14 9	16 6	17 38	4 8
T 15	21 39	19 27	4 1	22 26	0 59	16 47	1 37	11 54	1 46	9 41	1 18	22 38	0 49	23 44	0 18	22 23	1 4	3 52	16 38	14 35	14 10	16 7	17 39	4 8
W16	21 29	19 40	3 14	22 36	0 45	16 24	1 37	12 8	1 45	9 43	1 18	22 38	0 49	23 44	0 18	22 23	1 4	3 51	16 37	14 37	14 11	16 8	17 39	4 8
T 17	21 20	18 58	2 17	22 45	0 32	16 0	1 36	12 21	1 45	9 45	1 18	22 38	0 49	23 44	0 18	22 23	1 4	3 51	16 36	14 38	14 13	16 10	17 39	4 9
F 18	21 9	17 20	1 13	22 51	0 19	15 36	1 36	12 34	1 45	9 47	1 19	22 38	0 48	23 44	0 18	22 23	1 4	3 50	16 36	14 38	14 14	16 11	17 39	4 9
S 19	20 59	14 50	0 5	22 56	0 7	15 11	1 35	12 47	1 44	9 49	1 19	22 38	0 48	23 44	0 18	22 23	1 4	3 49	16 35	14 38	14 15	16 13	17 40	4 9
S 20	20 48	11 35	1n 5	22 59	0n 5	14 47	1 35	13 0	1 44	9 51	1 19	22 38	0 48	23 44	0 18	22 23	1 4	3 49	16 35	14 38	14 16	16 14	17 40	4 10
M21	20 37	7 43	2 13	22 59	0 17	14 21	1 34	13 13	1 44	9 52	1 19	22 37	0 48	23 44	0 18	22 23	1 5	3 48	16 34	14 38	14 17	16 15	17 40	4 10
T 22	20 25	3 25	3 16	22 57	0 28	13 56	1 33	13 26	1 43	9 54	1 20	22 37	0 48	23 44	0 18	22 23	1 5	3 47	16 33	14 37	14 18	16 17	17 40	4 10
W23	20 13	1s 8	4 8	22 52	0 39	13 30	1 32	13 38	1 43	9 56	1 20	22 37	0 48	23 44	0 18	22 23	1 5	3 47	16 33	14 37	14 19	16 18	17 41	4 11
T 24	20 1	5 42	4 47	22 45	0 48	13 4	1 31	13 51	1 43	9 57	1 20	22 37	0 48	23 44	0 18	22 23	1 5	3 46	16 32	14 37	14 20	16 19	17 41	4 11
F 25	19 48	10 2	5 10	22 35	0 58	12 37	1 30	14 3	1 42	9 59	1 20	22 37	0 48	23 44	0 18	22 23	1 5	3 45	16 32	14 37	14 21	16 21	17 41	4 11
S 26	19 36	13 52	5 15	22 22	1 6	12 10	1 29	14 15	1 42	10 0	1 21	22 37	0 48	23 44	0 18	22 23	1 5	3 45	16 31	14 37	14 22	16 22	17 41	4 12
S 27	19 22	16 56	4 59	22 7	1 14	11 43	1 28	14 27	1 41	10 2	1 21	22 37	0 48	23 44	0 18	22 23	1 5	3 44	16 31	14 38	14 23	16 24	17 41	4 12
M28	19 9	18 56	4 24	21 49	1 20	11 15	1 27	14 39	1 41	10 3	1 21	22 36	0 48	23 44	0 18	22 23	1 5	3 43	16 30	14 38	14 24	16 25	17 42	4 12
T 29	18 55	19 40	3 32	21 28	1 26	10 47	1 25	14 51	1 41	10 5	1 21	22 36	0 48	23 44	0 18	22 23	1 5	3 42	16 29	14 39	14 25	16 26	17 42	4 13
W30	18 41	19 6	2 26	21 5	1 32	10 19	1 24	15 2	1 40	10 6	1 21	22 36	0 48	23 44	0 18	22 23	1 5	3 42	16 29	14 39	14 26	16 28	17 42	4 13
T 31	18n26	17s17	1n12	20n40	1n36	9n51	1n22	15n14	1s40	10n 7	1s22	22n36	0s48	23s44	0s18	22n23	1s 5	3n41	16n28	14n40	14n27	16n29	17n42	4s13

Julian Day Number = 2356032.5, Delta T = 12.88 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'22, Lahiri = 20°12'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1738
geocentric

AUGUST 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 37 29	8♌23'51	21♒32	6♌47	9♍13	17♉14	29♈47	4♋39	2°R56	2♋ 0	0♏51	20°D32	21♌10	6♊22	9♊21	F 1
S 2	20 41 26	9°21'17	5♓18	8°52	10°25	17°52	29°51	4°46	2♏54	2° 1	0°52	20♌33	21° 6	6°29	9°24	S 2
S 3	20 45 22	10°18'44	18°41	10°55	11°37	18°30	29°55	4°53	2°52	2° 3	0°53	20°33	21° 3	6°35	9°27	S 3
M 4	20 49 19	11°16'13	1♈41	12°58	12°49	19° 7	29°58	5° 0	2°50	2° 5	0°54	20°34	21° 0	6°42	9°30	M 4
T 5	20 53 15	12°13'42	14°21	15° 0	14° 1	19°45	0♉ 1	5° 7	2°49	2° 7	0°54	20°35	20°57	6°49	9°33	T 5
W 6	20 57 12	13°11'14	26°43	17° 0	15°13	20°22	0° 4	5°13	2°47	2° 9	0°55	20°36	20°54	6°55	9°36	W 6
T 7	21 1 9	14° 8'46	8♉51	19° 0	16°25	20°59	0° 6	5°20	2°45	2°11	0°56	20°36	20°51	7° 2	9°39	T 7
F 8	21 5 5	15° 6'20	20°50	20°58	17°37	21°36	0° 9	5°27	2°44	2°12	0°57	20°R36	20°47	7° 9	9°42	F 8
S 9	21 9 2	16° 3'56	2♊43	22°54	18°49	22°13	0°11	5°33	2°42	2°14	0°58	20°36	20°44	7°16	9°44	S 9
S 10	21 12 58	17° 1'33	14°36	24°50	20° 1	22°50	0°13	5°40	2°41	2°16	0°59	20°35	20°41	7°22	9°47	S 10
M11	21 16 55	17°59'11	26°33	26°43	21°13	23°26	0°15	5°46	2°39	2°17	1° 0	20°35	20°38	7°29	9°50	M11
T 12	21 20 51	18°56'51	8♋37	28°36	22°25	24° 3	0°17	5°53	2°38	2°19	1° 1	20°35	20°35	7°36	9°52	T 12
W13	21 24 48	19°54'32	20°51	0♍27	23°37	24°39	0°18	5°59	2°36	2°21	1° 2	20°35	20°32	7°42	9°55	W13
T 14	21 28 44	20°52'15	3♌19	2°16	24°48	25°14	0°20	6° 6	2°35	2°22	1° 3	20°D35	20°28	7°49	9°57	T 14
F 15	21 32 41	21°49'59	16° 1	4° 4	26° 0	25°50	0°21	6°12	2°34	2°24	1° 4	20°R35	20°25	7°56	9°59	F 15
S 16	21 36 38	22°47'45	28°59	5°51	27°12	26°25	0°22	6°18	2°32	2°26	1° 6	20°35	20°22	8° 3	10° 2	S 16
S 17	21 40 34	23°45'32	12♍11	7°36	28°23	27° 1	0°23	6°24	2°31	2°27	1° 7	20°34	20°19	8° 9	10° 4	S 17
M18	21 44 31	24°43'20	25°38	9°20	29°35	27°35	0°23	6°30	2°30	2°29	1° 8	20°34	20°16	8°16	10° 6	M18
T 19	21 48 27	25°41'10	9♎18	11° 3	0♎46	28°10	0°23	6°36	2°29	2°30	1° 9	20°33	20°12	8°23	10° 8	T 19
W20	21 52 24	26°39'00	23° 9	12°44	1°58	28°45	0°R24	6°42	2°28	2°32	1°11	20°33	20° 9	8°29	10°10	W20
T 21	21 56 20	27°36'52	7♏10	14°23	3° 9	29°19	0°24	6°48	2°27	2°33	1°12	20°32	20° 6	8°36	10°12	T 21
F 22	22 0 17	28°34'45	21°18	16° 2	4°21	29°53	0°23	6°54	2°26	2°35	1°13	20°32	20° 3	8°43	10°14	F 22
S 23	22 4 13	29°32'40	5♐31	17°39	5°32	0♊27	0°23	7° 0	2°25	2°36	1°15	20°D32	20° 0	8°50	10°16	S 23
S 24	22 8 10	0♍30'36	19°46	19°14	6°43	1° 0	0°22	7° 6	2°24	2°37	1°16	20°32	19°57	8°56	10°18	S 24
M25	22 12 7	1°28'33	4♑ 2	20°49	7°55	1°33	0°21	7°11	2°23	2°39	1°17	20°33	19°53	9° 3	10°19	M25
T 26	22 16 3	2°26'31	18°15	22°22	9° 6	2° 6	0°20	7°17	2°22	2°40	1°19	20°34	19°50	9°10	10°21	T 26
W27	22 20 0	3°24'31	2♒21	23°53	10°17	2°39	0°19	7°23	2°21	2°41	1°20	20°35	19°47	9°16	10°23	W27
T 28	22 23 56	4°22'32	16°18	25°24	11°28	3°12	0°18	7°28	2°20	2°43	1°22	20°R35	19°44	9°23	10°24	T 28
F 29	22 27 53	5°20'35	0♓ 2	26°53	12°39	3°44	0°16	7°33	2°20	2°44	1°23	20°35	19°41	9°30	10°26	F 29
S 30	22 31 49	6°18'39	13°32	28°21	13°50	4°16	0°14	7°39	2°19	2°45	1°25	20°34	19°38	9°37	10°27	S 30
S 31	22 35 46	7♍16'45	26♓44	29♍47	15♎ 1	4♊48	0♉12	7♋44	2♏19	2♋46	1♏27	20♌33	19♌34	9♊43	10♊28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n11	14s26	0s 6	20n12	1n39	9n22	1n21	15n25	1s39	10n 8	1s22	22n36	0s48	23s44	0s18	22n23	1s 5	3n40	16n28	14n40	14n28	16n30	17n42	4s14
S 2	17 56	10 50	1 21	19 43	1 42	8 54	1 19	15 36	1 39	10 9	1 22	22 35	0 48	23 45	0 18	22 23	1 5	3 39	16 27	14 40	14 29	16 32	17 42	4 14
S 3	17 41	6 47	2 30	19 11	1 44	8 24	1 18	15 47	1 38	10 10	1 22	22 35	0 48	23 45	0 18	22 23	1 5	3 39	16 26	14 39	14 30	16 33	17 42	4 14
M 4	17 25	2 31	3 29	18 38	1 46	7 55	1 16	15 58	1 38	10 11	1 23	22 35	0 48	23 45	0 18	22 23	1 5	3 38	16 26	14 39	14 31	16 34	17 42	4 15
T 5	17 9	1n44	4 16	18 3	1 46	7 26	1 14	16 8	1 37	10 12	1 23	22 35	0 48	23 45	0 18	22 23	1 5	3 37	16 25	14 39	14 32	16 36	17 43	4 15
W 6	16 53	5 48	4 50	17 27	1 46	6 56	1 12	16 19	1 36	10 13	1 23	22 34	0 48	23 45	0 18	22 23	1 5	3 36	16 25	14 39	14 33	16 37	17 43	4 15
T 7	16 36	9 34	5 10	16 49	1 45	6 26	1 10	16 29	1 36	10 13	1 23	22 34	0 48	23 45	0 18	22 23	1 5	3 35	16 24	14 39	14 34	16 38	17 43	4 16
F 8	16 20	12 53	5 17	16 10	1 44	5 56	1 8	16 39	1 35	10 14	1 24	22 34	0 48	23 45	0 18	22 22	1 5	3 35	16 24	14 39	14 35	16 40	17 43	4 16
S 9	16 3	15 40	5 10	15 30	1 42	5 26	1 6	16 49	1 35	10 15	1 24	22 34	0 48	23 45	0 18	22 22	1 5	3 34	16 23	14 39	14 36	16 41	17 43	4 16
S 10	15 45	17 47	4 50	14 50	1 40	4 56	1 3	16 59	1 34	10 15	1 24	22 34	0 47	23 45	0 18	22 22	1 5	3 33	16 22	14 39	14 37	16 42	17 43	4 17
M11	15 28	19 9	4 17	14 8	1 37	4 25	1 1	17 9	1 33	10 16	1 24	22 33	0 47	23 45	0 18	22 22	1 5	3 32	16 22	14 39	14 38	16 44	17 43	4 17
T 12	15 10	19 40	3 32	13 26	1 33	3 55	0 59	17 19	1 33	10 16	1 25	22 33	0 47	23 45	0 18	22 22	1 5	3 31	16 21	14 39	14 39	16 45	17 43	4 18
W13	14 52	19 15	2 37	12 43	1 29	3 24	0 56	17 28	1 32	10 16	1 25	22 33	0 47	23 45	0 18	22 22	1 5	3 30	16 21	14 39	14 40	16 46	17 43	4 18
T 14	14 33	17 55	1 34	12 0	1 25	2 53	0 54	17 37	1 31	10 16	1 25	22 33	0 47	23 45	0 18	22 22	1 5	3 29	16 20	14 39	14 41	16 48	17 43	4 18
F 15	14 15	15 39	0 25	11 16	1 20	2 23	0 51	17 46	1 31	10 17	1 25	22 32	0 47	23 45	0 18	22 22	1 5	3 29	16 20	14 39	14 42	16 49	17 43	4 19
S 16	13 56	12 34	0n46	10 32	1 15	1 52	0 49	17 55	1 30	10 17	1 26	22 32	0 47	23 45	0 18	22 22	1 5	3 28	16 19	14 39	14 43	16 50	17 43	4 19
S 17	13 37	8 48	1 57	9 48	1 9	1 21	0 46	18 4	1 29	10 17	1 26	22 32	0 47	23 45	0 18	22 22	1 5	3 27	16 19	14 39	14 44	16 51	17 42	4 20
M18	13 18	4 32	3 2	9 4	1 4	0 50	0 43	18 13	1 28	10 17	1 26	22 31	0 47	23 45	0 18	22 22	1 5	3 26	16 18	14 39	14 45	16 53	17 42	4 20
T 19	12 59	0s 2	3 58	8 19	0 58	0 19	0 40	18 21	1 28	10 17	1 26	22 31	0 47	23 45	0 18	22 22	1 5	3 25	16 18	14 39	14 46	16 54	17 42	4 20
W20	12 39	4 39	4 41	7 35	0 51	0s12	0 38	18 30	1 27	10 16	1 27	22 31	0 47	23 45	0 18	22 22	1 5	3 24	16 17	14 40	14 47	16 55	17 42	4 21
T 21	12 19	9 4	5 8	6 50	0 44	0 44	0 35	18 38	1 26	10 16	1 27	22 31	0 47	23 45	0 18	22 22	1 5	3 23	16 17	14 40	14 48	16 57	17 42	4 21
F 22	11 59	13 1	5 17	6 6	0 38	1 15	0 32	18 46	1 25	10 16	1 27	22 30	0 47	23 45	0 18	22 22	1 5	3 22	16 16	14 40	14 49	16 58	17 42	4 22
S 23	11 39	16 14	5 6	5 21	0 30	1 46	0 29	18 54	1 24	10 16	1 27	22 30	0 47	23 45	0 18	22 22	1 5	3 21	16 16	14 40	14 50	16 59	17 42	4 22
S 24	11 18	18 29	4 37	4 37	0 23	2 17	0 26	19 2	1 23	10 15	1 27	22 30	0 47	23 45	0 18	22 22	1 5	3 20	16 15	14 40	14 51	17 1	17 42	4 22
M25	10 58	19 35	3 50	3 53	0 16	2 48	0 22	19 9	1 23	10 15	1 28	22 30	0 47	23 45	0 18	22 22	1 5	3 19	16 15	14 40	14 52	17 2	17 41	4 23
T 26	10 37	19 26	2 50	3 9	0 8	3 19	0 19	19 17	1 22	10 14	1 28	22 29	0 47	23 45	0 18	22 22	1 5	3 18	16 14	14 39	14 53	17 3	17 41	4 23
W27	10 16	18 3	1 39	2 26	0 0	3 50	0 16	19 24	1 21	10 13	1 28	22 29	0 47	23 45	0 18	22 22	1 5	3 17	16 14	14 39	14 54	17 4	17 41	4 24
T 28	9 55	15 36	0 24	1 43	0s 8	4 21	0 13	19 31	1 20	10 13	1 28	22 29	0 47	23 45	0 18	22 22	1 5	3 17	16 13	14 39	14 55	17 6	17 41	4 24
F 29	9 34	12 17	0s52	1 0	0 16	4 52	0 9	19 38	1 19	10 12	1 29	22 28	0 47	23 45	0 18	22 21	1 5	3 16	16 13	14 39	14 56	17 7	17 41	4 25
S 30	9 12	8 23	2 3	0 18	0 24	5 22	0 6	19 45	1 18	10 11	1 29	22 28	0 47	23 45	0 18	22 21	1 5	3 15	16 12	14 39	14 57	17 8	17 40	4 25
S 31	8n51	4s 9	3s 7	0s24	0s32	5s53	0n 2	19n52	1s17	10n10	1s29	22n28	0s47	23s45	0s18	22n21	1s 5	3n14	16n12	14n40	14n58	17n 9	17n40	4s25

Julian Day Number = 2356063.5, Delta T = 12.90 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'27, Lahiri = 20°12'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1738
geocentric

SEPTEMBER 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 39 42	8♍14'53	9♈39	1♎12	16♎12	5♊19	0°R10	7♋49	2°R18	2♋47	1♏28	20°R30	19♌31	9♊50	10♊30	M 1
T 2	22 43 39	9°13'03	22°16	2°36	17°22	5°50	0♉ 7	7°54	2♏18	2°48	1°30	20♌27	19°28	9°57	10°31	T 2
W 3	22 47 36	10°11'14	4♉38	3°58	18°33	6°21	0° 5	7°59	2°17	2°50	1°32	20°25	19°25	10° 3	10°32	W 3
T 4	22 51 32	11° 9'28	16°46	5°19	19°44	6°51	0° 2	8° 4	2°17	2°51	1°33	20°22	19°22	10°10	10°33	T 4
F 5	22 55 29	12° 7'44	28°45	6°38	20°54	7°22	29♈59	8° 9	2°16	2°52	1°35	20°21	19°18	10°17	10°34	F 5
S 6	22 59 25	13° 6'02	10♊38	7°56	22° 5	7°51	29°56	8°14	2°16	2°53	1°37	20°D20	19°15	10°24	10°35	S 6
S 7	23 3 22	14° 4'21	22°31	9°12	23°15	8°21	29°52	8°18	2°16	2°54	1°39	20°20	19°12	10°30	10°36	S 7
M 8	23 7 18	15° 2'44	4♋28	10°27	24°26	8°50	29°49	8°23	2°16	2°55	1°40	20°21	19° 9	10°37	10°36	M 8
T 9	23 11 15	16° 1'08	16°33	11°40	25°36	9°19	29°45	8°28	2°15	2°56	1°42	20°23	19° 6	10°44	10°37	T 9
W10	23 15 11	16°59'34	28°52	12°51	26°47	9°48	29°41	8°32	2°15	2°56	1°44	20°25	19° 3	10°50	10°38	W10
T 11	23 19 8	17°58'02	11♌27	14° 0	27°57	10°16	29°37	8°36	2°D15	2°57	1°46	20°26	18°59	10°57	10°38	T 11
F 12	23 23 5	18°56'33	24°22	15° 7	29° 7	10°43	29°32	8°41	2°15	2°58	1°48	20°R26	18°56	11° 4	10°39	F 12
S 13	23 27 1	19°55'05	7♍37	16°12	0♏17	11°11	29°28	8°45	2°15	2°59	1°50	20°25	18°53	11°11	10°39	S 13
S 14	23 30 58	20°53'39	21°12	17°15	1°27	11°38	29°23	8°49	2°15	3° 0	1°52	20°22	18°50	11°17	10°39	S 14
M15	23 34 54	21°52'15	5♎ 6	18°16	2°37	12° 5	29°18	8°53	2°16	3° 0	1°54	20°18	18°47	11°24	10°40	M15
T 16	23 38 51	22°50'53	19°14	19°14	3°47	12°31	29°13	8°57	2°16	3° 1	1°56	20°14	18°43	11°31	10°40	T 16
W17	23 42 47	23°49'33	3♏32	20° 9	4°57	12°57	29° 8	9° 1	2°16	3° 2	1°58	20° 9	18°40	11°37	10°40	W17
T 18	23 46 44	24°48'15	17°55	21° 1	6° 7	13°22	29° 3	9° 4	2°16	3° 2	2° 0	20° 4	18°37	11°44	10°R40	T 18
F 19	23 50 40	25°46'58	2♐17	21°50	7°16	13°47	28°57	9° 8	2°17	3° 3	2° 2	20° 1	18°34	11°51	10°40	F 19
S 20	23 54 37	26°45'44	16°35	22°36	8°26	14°12	28°51	9°11	2°17	3° 4	2° 4	19°59	18°31	11°58	10°40	S 20
S 21	23 58 33	27°44'31	0♑46	23°18	9°36	14°36	28°46	9°15	2°18	3° 4	2° 6	19°D58	18°28	12° 4	10°39	S 21
M22	0 2 30	28°43'19	14°47	23°56	10°45	15° 0	28°40	9°18	2°18	3° 5	2° 8	19°59	18°24	12°11	10°39	M22
T 23	0 6 27	29°42'10	28°39	24°29	11°54	15°23	28°34	9°21	2°19	3° 5	2°10	20° 0	18°21	12°18	10°39	T 23
W24	0 10 23	0♒41'02	12♓20	24°58	13° 4	15°46	28°27	9°25	2°19	3° 5	2°12	20° 2	18°18	12°24	10°38	W24
T 25	0 14 20	1°39'55	25°51	25°21	14°13	16° 8	28°21	9°28	2°20	3° 6	2°14	20°R 2	18°15	12°31	10°38	T 25
F 26	0 18 16	2°38'51	9♈10	25°40	15°22	16°30	28°14	9°31	2°21	3° 6	2°17	20° 0	18°12	12°38	10°37	F 26
S 27	0 22 13	3°37'48	22°17	25°52	16°31	16°51	28° 8	9°33	2°22	3° 7	2°19	19°56	18° 9	12°45	10°37	S 27
S 28	0 26 9	4°36'48	5♉13	25°R58	17°40	17°12	28° 1	9°36	2°22	3° 7	2°21	19°50	18° 5	12°51	10°36	S 28
M29	0 30 6	5°35'49	17°55	25°57	18°48	17°32	27°54	9°39	2°23	3° 7	2°23	19°43	18° 2	12°58	10°35	M29
T 30	0 34 2	6♎34'53	0♉24	25♎48	19♏57	17♊52	27♈47	9♋41	2♑24	3♋ 7	2♏25	19♌34	17♌59	13♊ 5	10♊34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n29	0n10	3s59	1s 6	0s41	6s24	0s 1	19n58	1s16	10n 9	1s29	22n28	0s47	23s45	0s18	22n21	1s 5	3n13	16n11	14n40	14n59	17n11	17n40	4s26
T 2	8 7	4 23	4 38	1 47	0 49	6 54	0 5	20 5	1 15	10 8	1 30	22 27	0 47	23 45	0 18	22 21	1 5	3 12	16 11	14 41	15 0	17 12	17 40	4 26
W 3	7 46	8 19	5 3	2 27	0 57	7 24	0 8	20 11	1 14	10 7	1 30	22 27	0 47	23 45	0 18	22 21	1 5	3 11	16 10	14 42	15 1	17 13	17 39	4 27
T 4	7 23	11 51	5 14	3 7	1 6	7 54	0 12	20 17	1 13	10 6	1 30	22 27	0 47	23 45	0 18	22 21	1 5	3 10	16 10	14 43	15 2	17 15	17 39	4 27
F 5	7 1	14 50	5 11	3 47	1 14	8 24	0 15	20 23	1 12	10 4	1 30	22 26	0 47	23 45	0 18	22 21	1 5	3 9	16 9	14 44	15 3	17 16	17 39	4 27
S 6	6 39	17 12	4 55	4 25	1 23	8 54	0 19	20 29	1 11	10 3	1 30	22 26	0 47	23 45	0 18	22 21	1 5	3 8	16 9	14 44	15 4	17 17	17 39	4 28
S 7	6 16	18 49	4 27	5 3	1 31	9 24	0 23	20 35	1 9	10 2	1 31	22 26	0 47	23 45	0 18	22 21	1 5	3 7	16 9	14 44	15 5	17 18	17 38	4 28
M 8	5 54	19 38	3 46	5 40	1 40	9 53	0 26	20 41	1 8	10 0	1 31	22 26	0 47	23 45	0 18	22 21	1 5	3 6	16 8	14 43	15 6	17 20	17 38	4 29
T 9	5 31	19 33	2 55	6 17	1 48	10 23	0 30	20 46	1 7	9 59	1 31	22 25	0 47	23 45	0 18	22 21	1 5	3 5	16 8	14 43	15 7	17 21	17 38	4 29
W10	5 9	18 32	1 56	6 52	1 56	10 52	0 34	20 52	1 6	9 57	1 31	22 25	0 47	23 45	0 18	22 21	1 5	3 4	16 7	14 42	15 8	17 22	17 37	4 30
T 11	4 46	16 35	0 49	7 27	2 5	11 21	0 38	20 57	1 5	9 56	1 31	22 25	0 47	23 45	0 18	22 21	1 5	3 3	16 7	14 42	15 9	17 23	17 37	4 30
F 12	4 23	13 45	0n22	8 0	2 13	11 49	0 42	21 2	1 3	9 54	1 32	22 25	0 47	23 45	0 18	22 21	1 5	3 2	16 7	14 42	15 10	17 25	17 37	4 31
S 13	4 0	10 10	1 33	8 33	2 21	12 18	0 45	21 7	1 2	9 52	1 32	22 24	0 47	23 45	0 18	22 21	1 6	3 1	16 6	14 42	15 11	17 26	17 36	4 31
S 14	3 37	5 57	2 40	9 4	2 29	12 46	0 49	21 12	1 1	9 50	1 32	22 24	0 47	23 45	0 18	22 21	1 6	3 0	16 6	14 43	15 12	17 27	17 36	4 31
M15	3 14	1 20	3 40	9 35	2 36	13 14	0 53	21 17	1 0	9 48	1 32	22 24	0 47	23 45	0 18	22 21	1 6	2 59	16 5	14 44	15 13	17 28	17 35	4 32
T 16	2 51	3s25	4 27	10 4	2 44	13 41	0 57	21 22	0 58	9 46	1 32	22 24	0 47	23 45	0 18	22 21	1 6	2 58	16 5	14 46	15 14	17 29	17 35	4 32
W17	2 27	8 2	4 58	10 31	2 51	14 9	1 1	21 27	0 57	9 44	1 32	22 23	0 47	23 45	0 18	22 21	1 6	2 57	16 5	14 47	15 15	17 31	17 35	4 33
T 18	2 4	12 13	5 11	10 57	2 58	14 36	1 5	21 31	0 55	9 42	1 33	22 23	0 47	23 45	0 18	22 21	1 6	2 56	16 4	14 49	15 16	17 32	17 34	4 33
F 19	1 41	15 40	5 4	11 22	3 4	15 2	1 9	21 35	0 54	9 40	1 33	22 23	0 47	23 45	0 18	22 21	1 6	2 55	16 4	14 50	15 17	17 33	17 34	4 34
S 20	1 17	18 11	4 38	11 45	3 10	15 29	1 12	21 40	0 53	9 38	1 33	22 23	0 47	23 45	0 18	22 20	1 6	2 54	16 4	14 50	15 18	17 34	17 33	4 34
S 21	0 54	19 32	3 56	12 6	3 16	15 55	1 16	21 44	0 51	9 36	1 33	22 22	0 47	23 45	0 18	22 20	1 6	2 53	16 3	14 51	15 19	17 36	17 33	4 34
M22	0 31	19 40	3 0	12 25	3 22	16 20	1 20	21 48	0 50	9 34	1 33	22 22	0 47	23 45	0 18	22 20	1 6	2 52	16 3	14 50	15 20	17 37	17 32	4 35
T 23	0 7	18 36	1 54	12 42	3 26	16 46	1 24	21 52	0 48	9 31	1 33	22 22	0 47	23 45	0 18	22 20	1 6	2 51	16 3	14 50	15 21	17 38	17 32	4 35
W24	0s16	16 27	0 42	12 56	3 30	17 11	1 28	21 56	0 47	9 29	1 33	22 22	0 47	23 45	0 18	22 20	1 6	2 50	16 2	14 50	15 22	17 39	17 31	4 36
T 25	0 40	13 25	0s31	13 8	3 34	17 35	1 32	22 0	0 45	9 27	1 33	22 21	0 47	23 45	0 18	22 20	1 6	2 49	16 2	14 50	15 23	17 40	17 31	4 36
F 26	1 3	9 43	1 42	13 17	3 37	17 59	1 36	22 4	0 43	9 24	1 34	22 21	0 47	23 45	0 18	22 20	1 6	2 48	16 2	14 50	15 24	17 42	17 30	4 37
S 27	1 27	5 36	2 45	13 24	3 38	18 23	1 40	22 8	0 42	9 22	1 34	22 21	0 47	23 45	0 18	22 20	1 6	2 47	16 1	14 51	15 25	17 43	17 30	4 37
S 28	1 50	1 17	3 39	13 26	3 39	18 46	1 43	22 11	0 40	9 19	1 34	22 21	0 47	23 45	0 18	22 20	1 6	2 46	16 1	14 53	15 26	17 44	17 29	4 37
M29	2 14	3n 0	4 21	13 26	3 39	19 9	1 47	22 15	0 39	9 17	1 34	22 21	0 47	23 45	0 18	22 20	1 6	2 45	16 1	14 55	15 27	17 45	17 29	4 38
T 30	2s37	7n 6	4s50	13s21	3s37	19s32	1s51	22n18	0s37	9n14	1s34	22n21	0s47	23s45	0s18	22n20	1s 6	2n44	16n 1	14n58	15n28	17n46	17n28	4s38

Julian Day Number = 2356094.5, Delta T = 12.93 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'31, Lahiri = 20°12'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1738
geocentric

OCTOBER 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 59	7♎33'59	12♉40	25°R33	21♏ 6	18♊11	27°R40	9♋44	2♑25	3♋ 8	2♏28	19°R25	17♌56	13♊11	10°R33	W 1
T 2	0 41 56	8°33'07	24°46	25♎ 9	22°14	18°30	27♈33	9°46	2°26	3° 8	2°30	19♌17	17°53	13°18	10♊32	T 2
F 3	0 45 52	9°32'17	6♊43	24°38	23°22	18°48	27°25	9°48	2°27	3° 8	2°32	19°10	17°49	13°25	10°31	F 3
S 4	0 49 49	10°31'30	18°35	23°58	24°31	19° 6	27°18	9°50	2°28	3° 8	2°34	19° 6	17°46	13°31	10°30	S 4
S 5	0 53 45	11°30'44	0♋25	23°11	25°39	19°23	27°10	9°52	2°30	3° 8	2°37	19° 3	17°43	13°38	10°29	S 5
M 6	0 57 42	12°30'02	12°20	22°17	26°47	19°39	27° 3	9°54	2°31	3°R 8	2°39	19°D 2	17°40	13°45	10°28	M 6
T 7	1 1 38	13°29'21	24°23	21°16	27°55	19°55	26°55	9°56	2°32	3° 8	2°41	19° 3	17°37	13°52	10°26	T 7
W 8	1 5 35	14°28'43	6♌40	20°10	29° 2	20°11	26°47	9°58	2°33	3° 8	2°44	19° 4	17°34	13°58	10°25	W 8
T 9	1 9 31	15°28'07	19°16	19° 0	0♐10	20°25	26°40	9°59	2°35	3° 8	2°46	19°R 4	17°30	14° 5	10°23	T 9
F 10	1 13 28	16°27'34	2♍15	17°48	1°17	20°39	26°32	10° 1	2°36	3° 8	2°48	19° 3	17°27	14°12	10°22	F 10
S 11	1 17 25	17°27'02	15°40	16°35	2°25	20°52	26°24	10° 2	2°38	3° 8	2°51	19° 0	17°24	14°18	10°20	S 11
S 12	1 21 21	18°26'33	29°31	15°25	3°32	21° 5	26°16	10° 4	2°39	3° 8	2°53	18°55	17°21	14°25	10°19	S 12
M13	1 25 18	19°26'06	13♎46	14°18	4°39	21°17	26° 8	10° 5	2°41	3° 7	2°55	18°47	17°18	14°32	10°17	M13
T 14	1 29 14	20°25'41	28°20	13°17	5°46	21°28	26° 0	10° 6	2°42	3° 7	2°58	18°38	17°14	14°39	10°15	T 14
W15	1 33 11	21°25'18	13♏ 6	12°23	6°53	21°38	25°52	10° 7	2°44	3° 7	3° 0	18°28	17°11	14°45	10°13	W15
T 16	1 37 7	22°24'57	27°56	11°39	7°59	21°48	25°44	10° 7	2°46	3° 7	3° 3	18°18	17° 8	14°52	10°11	T 16
F 17	1 41 4	23°24'38	12♐41	11° 5	9° 6	21°57	25°35	10° 8	2°47	3° 6	3° 5	18°11	17° 5	14°59	10° 9	F 17
S 18	1 45 0	24°24'21	27°15	10°42	10°12	22° 5	25°27	10° 9	2°49	3° 6	3° 7	18° 5	17° 2	15° 5	10° 7	S 18
S 19	1 48 57	25°24'05	11♑33	10°30	11°18	22°12	25°19	10° 9	2°51	3° 5	3°10	18° 3	16°59	15°12	10° 5	S 19
M20	1 52 53	26°23'52	25°33	10°D29	12°24	22°19	25°11	10°10	2°53	3° 5	3°12	18°D 2	16°55	15°19	10° 3	M20
T 21	1 56 50	27°23'39	9♒15	10°40	13°30	22°25	25° 3	10°10	2°55	3° 5	3°15	18° 2	16°52	15°25	10° 0	T 21
W22	2 0 47	28°23'29	22°41	11° 1	14°35	22°30	24°55	10°10	2°57	3° 4	3°17	18°R 2	16°49	15°32	9°58	W22
T 23	2 4 43	29°23'20	5♓52	11°31	15°41	22°34	24°47	10°R10	2°59	3° 4	3°19	18° 1	16°46	15°39	9°56	T 23
F 24	2 8 40	0♏23'12	18°50	12°11	16°46	22°38	24°39	10°10	3° 1	3° 3	3°22	17°57	16°43	15°46	9°53	F 24
S 25	2 12 36	1°23'07	1♈37	12°59	17°51	22°41	24°31	10°10	3° 3	3° 2	3°24	17°51	16°40	15°52	9°51	S 25
S 26	2 16 33	2°23'03	14°13	13°55	18°55	22°42	24°23	10° 9	3° 5	3° 2	3°27	17°41	16°36	15°59	9°48	S 26
M27	2 20 29	3°23'01	26°39	14°57	20° 0	22°43	24°15	10° 9	3° 7	3° 1	3°29	17°29	16°33	16° 6	9°46	M27
T 28	2 24 26	4°23'01	8♉56	16° 4	21° 4	22°R44	24° 7	10° 8	3°10	3° 0	3°32	17°16	16°30	16°12	9°43	T 28
W29	2 28 22	5°23'03	21° 4	17°17	22° 8	22°43	23°59	10° 8	3°12	3° 0	3°34	17° 2	16°27	16°19	9°40	W29
T 30	2 32 19	6°23'07	3♊ 5	18°34	23°12	22°41	23°51	10° 7	3°14	2°59	3°36	16°48	16°24	16°26	9°37	T 30
F 31	2 36 16	7♏23'13	14♊59	19♎54	24♐15	22♊39	23♈44	10♋ 6	3♑17	2♋58	3♏39	16♌37	16♌20	16♊33	9♊35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 0	10n49	5s 5	13s13	3s34	19s54	1s55	22n22	0s35	9n12	1s34	22n20	0s47	23s45	0s18	22n20	1s 6	2n43	16n 0	15n 1	15n29	17n48	17n28	4s39
T 2	3 24	14 2	5 5	13 0	3 30	20 15	1 58	22 25	0 33	9 9	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 42	16 0	15 3	15 30	17 49	17 27	4 39
F 3	3 47	16 39	4 53	12 43	3 24	20 37	2 2	22 29	0 32	9 6	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 41	16 0	15 6	15 31	17 50	17 27	4 40
S 4	4 10	18 32	4 28	12 21	3 16	20 57	2 6	22 32	0 30	9 4	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 40	16 0	15 7	15 32	17 51	17 26	4 40
S 5	4 34	19 37	3 51	11 54	3 6	21 17	2 9	22 35	0 28	9 1	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 39	15 59	15 8	15 33	17 52	17 25	4 40
M 6	4 57	19 51	3 4	11 23	2 55	21 37	2 13	22 38	0 26	8 58	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 38	15 59	15 8	15 34	17 53	17 25	4 41
T 7	5 20	19 10	2 9	10 48	2 42	21 56	2 16	22 41	0 24	8 55	1 34	22 19	0 47	23 45	0 18	22 20	1 6	2 38	15 59	15 8	15 35	17 55	17 24	4 41
W 8	5 43	17 34	1 6	10 9	2 26	22 15	2 20	22 44	0 22	8 52	1 34	22 19	0 47	23 45	0 18	22 20	1 6	2 37	15 59	15 8	15 35	17 56	17 24	4 42
T 9	6 6	15 5	0n 1	9 27	2 10	22 33	2 23	22 47	0 20	8 50	1 34	22 19	0 47	23 45	0 18	22 20	1 6	2 36	15 59	15 8	15 36	17 57	17 23	4 42
F 10	6 29	11 46	1 10	8 42	1 51	22 50	2 27	22 50	0 18	8 47	1 34	22 19	0 47	23 45	0 18	22 20	1 6	2 35	15 58	15 8	15 37	17 58	17 22	4 42
S 11	6 52	7 46	2 17	7 57	1 32	23 7	2 30	22 53	0 16	8 44	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 34	15 58	15 9	15 38	17 59	17 22	4 43
S 12	7 14	3 14	3 18	7 11	1 12	23 24	2 33	22 56	0 14	8 41	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 33	15 58	15 10	15 39	18 0	17 21	4 43
M13	7 37	1s37	4 9	6 26	0 51	23 40	2 36	22 59	0 12	8 38	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 32	15 58	15 13	15 40	18 2	17 20	4 44
T 14	7 59	6 28	4 45	5 43	0 30	23 55	2 40	23 2	0 10	8 35	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 31	15 58	15 16	15 41	18 3	17 20	4 44
W15	8 22	10 59	5 2	5 4	0 10	24 10	2 43	23 5	0 7	8 32	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 30	15 58	15 19	15 42	18 4	17 19	4 44
T 16	8 44	14 52	4 59	4 28	0n 9	24 24	2 46	23 8	0 5	8 29	1 34	22 19	0 46	23 44	0 18	22 20	1 6	2 29	15 58	15 22	15 43	18 5	17 19	4 45
F 17	9 6	17 47	4 36	3 58	0 28	24 37	2 49	23 11	0 3	8 27	1 34	22 19	0 46	23 44	0 18	22 20	1 6	2 28	15 57	15 24	15 44	18 6	17 18	4 45
S 18	9 28	19 31	3 56	3 33	0 45	24 50	2 51	23 13	0 1	8 24	1 34	22 19	0 46	23 44	0 18	22 20	1 6	2 28	15 57	15 26	15 45	18 7	17 17	4 46
S 19	9 50	19 58	3 1	3 14	1 0	25 2	2 54	23 16	0n 2	8 21	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 27	15 57	15 27	15 46	18 8	17 17	4 46
M20	10 12	19 9	1 57	3 1	1 14	25 14	2 57	23 19	0 4	8 18	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 26	15 57	15 27	15 47	18 9	17 16	4 46
T 21	10 34	17 13	0 47	2 54	1 27	25 25	3 0	23 22	0 7	8 15	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 25	15 57	15 27	15 48	18 11	17 15	4 47
W22	10 55	14 22	0s25	2 52	1 37	25 36	3 2	23 24	0 9	8 12	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 24	15 57	15 27	15 49	18 12	17 15	4 47
T 23	11 16	10 49	1 33	2 56	1 46	25 45	3 4	23 27	0 11	8 9	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 23	15 57	15 27	15 50	18 13	17 14	4 47
F 24	11 37	6 48	2 36	3 5	1 54	25 55	3 7	23 30	0 14	8 6	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 22	15 57	15 28	15 51	18 14	17 13	4 48
S 25	11 58	2 33	3 29	3 18	1 59	26 3	3 9	23 33	0 17	8 3	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 22	15 57	15 30	15 52	18 15	17 12	4 48
S 26	12 19	1n45	4 11	3 35	2 4	26 11	3 11	23 35	0 19	8 1	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 21	15 57	15 33	15 53	18 16	17 12	4 48
M27	12 40	5 55	4 41	3 56	2 7	26 18	3 13	23 38	0 22	7 58	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 20	15 57	15 37	15 54	18 17	17 11	4 49
T 28	13 0	9 48	4 57	4 21	2 9	26 25	3 15	23 41	0 24	7 55	1 33	22 19	0 46	23 44	0 18	22 20	1 7	2 19	15 57	15 41	15 55	18 18	17 10	4 49
W29	13 20	13 14	4 59	4 48	2 10	26 31	3 17	23 43	0 27	7 52	1 33	22 19	0 46	23 44	0 18	22 19	1 7	2 18	15 57	15 45	15 56	18 20	17 10	4 49
T 30	13 40	16 5	4 48	5 17	2 10	26 36	3 19	23 46	0 30	7 50	1 33	22 19	0 46	23 44	0 18	22 19	1 7	2 18	15 57	15 49	15 57	18 21	17 9	4 50
F 31	14s 0	18n14	4s25	5s48	2n 9	26s41	3s20	23n49	0n33	7n47	1s33	22n19	0s46	23s44	0s18	22n19	1s 7	2n17	15n57	15n53	15n58	18n22	17n 8	4s50

Julian Day Number = 2356124.5, Delta T = 12.95 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'35, Lahiri = 20°12'35Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1738
geocentric

NOVEMBER 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 12	8♏23'21	26♊49	21♎18	25♐18	22°R36	23°R36	10°R 5	3♑19	2°R57	3♏41	16°R28	16♌17	16♊39	9°R32	S 1
S 2	2 44 9	9°23'30	8♋38	22°44	26°21	22♊31	23♈28	10♋ 4	3°21	2♋56	3°44	16♌22	16°14	16°46	9♊29	S 2
M 3	2 48 5	10°23'42	20°30	24°12	27°23	22°26	23°21	10° 3	3°24	2°56	3°46	16°18	16°11	16°53	9°26	M 3
T 4	2 52 2	11°23'56	2♌30	25°42	28°26	22°20	23°14	10° 2	3°26	2°55	3°49	16°17	16° 8	16°59	9°23	T 4
W 5	2 55 58	12°24'12	14°43	27°14	29°28	22°13	23° 6	10° 0	3°29	2°54	3°51	16°17	16° 5	17° 6	9°20	W 5
T 6	2 59 55	13°24'30	27°15	28°46	0♑29	22° 6	22°59	9°59	3°31	2°53	3°53	16°16	16° 1	17°13	9°17	T 6
F 7	3 3 51	14°24'50	10♍10	0♏20	1°31	21°57	22°52	9°57	3°34	2°52	3°56	16°15	15°58	17°19	9°14	F 7
S 8	3 7 48	15°25'12	23°33	1°54	2°32	21°48	22°45	9°55	3°37	2°51	3°58	16°11	15°55	17°26	9°11	S 8
S 9	3 11 45	16°25'36	7♎26	3°29	3°32	21°37	22°38	9°53	3°39	2°50	4° 1	16° 5	15°52	17°33	9° 7	S 9
M10	3 15 41	17°26'02	21°48	5° 4	4°32	21°26	22°32	9°51	3°42	2°49	4° 3	15°56	15°49	17°40	9° 4	M10
T 11	3 19 38	18°26'29	6♏35	6°40	5°32	21°14	22°25	9°49	3°45	2°48	4° 5	15°45	15°46	17°46	9° 1	T 11
W12	3 23 34	19°26'58	21°40	8°15	6°32	21° 1	22°19	9°47	3°48	2°47	4° 8	15°33	15°42	17°53	8°58	W12
T 13	3 27 31	20°27'29	6♐52	9°51	7°31	20°47	22°12	9°45	3°51	2°45	4°10	15°22	15°39	18° 0	8°54	T 13
F 14	3 31 27	21°28'02	22° 0	11°27	8°29	20°32	22° 6	9°43	3°53	2°44	4°12	15°12	15°36	18° 6	8°51	F 14
S 15	3 35 24	22°28'36	6♑55	13° 3	9°27	20°17	22° 0	9°40	3°56	2°43	4°15	15° 5	15°33	18°13	8°48	S 15
S 16	3 39 20	23°29'11	21°30	14°38	10°25	20° 1	21°54	9°37	3°59	2°42	4°17	15° 1	15°30	18°20	8°44	S 16
M17	3 43 17	24°29'47	5♒41	16°14	11°22	19°44	21°49	9°35	4° 2	2°41	4°19	15° 0	15°26	18°26	8°41	M17
T 18	3 47 14	25°30'25	19°27	17°50	12°19	19°27	21°43	9°32	4° 5	2°39	4°22	15° 0	15°23	18°33	8°37	T 18
W19	3 51 10	26°31'03	2♓50	19°25	13°15	19° 8	21°38	9°29	4° 8	2°38	4°24	14°59	15°20	18°40	8°34	W19
T 20	3 55 7	27°31'43	15°53	21° 0	14°11	18°50	21°33	9°26	4°11	2°37	4°26	14°58	15°17	18°47	8°30	T 20
F 21	3 59 3	28°32'23	28°39	22°36	15° 6	18°30	21°28	9°23	4°14	2°35	4°29	14°55	15°14	18°53	8°27	F 21
S 22	4 3 0	29°33'05	11♈12	24°11	16° 0	18°10	21°23	9°20	4°17	2°34	4°31	14°48	15°11	19° 0	8°23	S 22
S 23	4 6 56	0♐33'48	23°33	25°46	16°54	17°50	21°18	9°17	4°20	2°33	4°33	14°39	15° 7	19° 7	8°20	S 23
M24	4 10 53	1°34'32	5♉46	27°21	17°47	17°29	21°14	9°13	4°24	2°31	4°35	14°27	15° 4	19°13	8°16	M24
T 25	4 14 49	2°35'18	17°51	28°55	18°39	17° 7	21° 9	9°10	4°27	2°30	4°38	14°14	15° 1	19°20	8°13	T 25
W26	4 18 46	3°36'04	29°51	0♐30	19°31	16°46	21° 5	9° 7	4°30	2°28	4°40	14° 0	14°58	19°27	8° 9	W26
T 27	4 22 43	4°36'52	11♊45	2° 4	20°22	16°23	21° 1	9° 3	4°33	2°27	4°42	13°47	14°55	19°33	8° 5	T 27
F 28	4 26 39	5°37'41	23°37	3°39	21°12	16° 1	20°58	8°59	4°36	2°26	4°44	13°36	14°52	19°40	8° 2	F 28
S 29	4 30 36	6°38'31	5♋26	5°13	22° 1	15°38	20°54	8°56	4°40	2°24	4°46	13°27	14°48	19°47	7°58	S 29
S 30	4 34 32	7♐39'23	17♋16	6♐47	22♑50	15♊15	20♈51	8♋52	4♑43	2♋23	4♏48	13♌20	14♌45	19♊54	7♊55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	14s19	19n36	3s50	6s21	2n 7	26s45	3s22	23n51	0n35	7n44	1s33	22n19	0s46	23s43	0s18	22n19	1s 7	2n16	15n57	15n55	15n59	18n23	17n 7	4s50	S 1
S 2	14 38	20 7	3 5	6 56	2 5	26 48	3 23	23 54	0 38	7 42	1 33	22 19	0 46	23 43	0 18	22 19	1 7	2 15	15 57	15 57	16 0	18 24	17 7	4 51	S 2
M 3	14 57	19 44	2 12	7 31	2 1	26 51	3 24	23 56	0 41	7 39	1 33	22 19	0 46	23 43	0 18	22 19	1 7	2 15	15 57	15 58	16 0	18 25	17 6	4 51	M 3
T 4	15 16	18 27	1 12	8 7	1 58	26 53	3 25	23 59	0 44	7 36	1 32	22 19	0 46	23 43	0 18	22 19	1 7	2 14	15 57	15 59	16 1	18 26	17 5	4 51	T 4
W 5	15 35	16 19	0 8	8 44	1 53	26 54	3 26	24 1	0 47	7 34	1 32	22 20	0 46	23 43	0 18	22 19	1 7	2 13	15 57	15 59	16 2	18 27	17 5	4 51	W 5
T 6	15 53	13 21	0n58	9 21	1 49	26 55	3 27	24 4	0 50	7 31	1 32	22 20	0 46	23 43	0 18	22 19	1 7	2 12	15 57	15 59	16 3	18 28	17 4	4 52	T 6
F 7	16 11	9 40	2 3	9 59	1 44	26 55	3 28	24 6	0 53	7 29	1 32	22 20	0 46	23 43	0 18	22 19	1 7	2 12	15 57	15 59	16 4	18 29	17 3	4 52	F 7
S 8	16 29	5 22	3 3	10 37	1 38	26 55	3 28	24 9	0 56	7 27	1 32	22 20	0 46	23 43	0 18	22 19	1 7	2 11	15 57	16 0	16 5	18 30	17 2	4 52	S 8
S 9	16 46	0 39	3 55	11 14	1 33	26 54	3 28	24 11	0 59	7 24	1 31	22 20	0 46	23 43	0 18	22 19	1 7	2 10	15 57	16 2	16 6	18 31	17 2	4 53	S 9
M10	17 3	4s16	4 34	11 52	1 27	26 52	3 29	24 13	1 2	7 22	1 31	22 20	0 46	23 43	0 18	22 19	1 7	2 10	15 57	16 5	16 7	18 33	17 1	4 53	M10
T 11	17 20	9 4	4 56	12 29	1 21	26 50	3 29	24 15	1 5	7 20	1 31	22 21	0 46	23 43	0 18	22 19	1 7	2 9	15 57	16 8	16 8	18 34	17 0	4 53	T 11
W12	17 37	13 24	4 59	13 6	1 14	26 47	3 28	24 17	1 8	7 17	1 31	22 21	0 46	23 43	0 18	22 19	1 7	2 8	15 57	16 12	16 9	18 35	16 59	4 53	W12
T 13	17 53	16 53	4 40	13 43	1 8	26 43	3 28	24 20	1 11	7 15	1 31	22 21	0 46	23 43	0 18	22 19	1 7	2 8	15 58	16 15	16 10	18 36	16 59	4 54	T 13
F 14	18 9	19 13	4 1	14 19	1 1	26 39	3 28	24 22	1 14	7 13	1 30	22 21	0 46	23 42	0 18	22 19	1 7	2 7	15 58	16 18	16 11	18 37	16 58	4 54	F 14
S 15	18 25	20 11	3 7	14 54	0 55	26 34	3 27	24 23	1 17	7 11	1 30	22 21	0 46	23 42	0 18	22 20	1 7	2 6	15 58	16 20	16 12	18 38	16 57	4 54	S 15
S 16	18 40	19 46	2 1	15 29	0 48	26 29	3 26	24 25	1 20	7 9	1 30	22 22	0 46	23 42	0 18	22 20	1 7	2 6	15 58	16 21	16 13	18 39	16 57	4 54	S 16
M17	18 55	18 5	0 49	16 4	0 41	26 23	3 25	24 27	1 23	7 7	1 30	22 22	0 46	23 42	0 18	22 20	1 7	2 5	15 58	16 22	16 14	18 40	16 56	4 54	M17
T 18	19 10	15 23	0s24	16 37	0 34	26 17	3 24	24 29	1 26	7 6	1 29	22 22	0 46	23 42	0 18	22 20	1 7	2 5	15 58	16 22	16 15	18 41	16 55	4 55	T 18
W19	19 24	11 55	1 33	17 10	0 27	26 10	3 22	24 30	1 29	7 4	1 29	22 22	0 46	23 42	0 18	22 20	1 7	2 4	15 58	16 22	16 16	18 42	16 54	4 55	W19
T 20	19 38	7 58	2 36	17 42	0 20	26 3	3 21	24 32	1 32	7 2	1 29	22 23	0 46	23 42	0 18	22 20	1 7	2 4	15 59	16 22	16 16	18 43	16 54	4 55	T 20
F 21	19 52	3 44	3 29	18 14	0 14	25 55	3 19	24 33	1 35	7 1	1 29	22 23	0 46	23 42	0 18	22 20	1 7	2 3	15 59	16 23	16 17	18 44	16 53	4 55	F 21
S 22	20 5	0n35	4 11	18 44	0 7	25 46	3 17	24 34	1 38	6 59	1 28	22 23	0 46	23 42	0 18	22 20	1 7	2 2	15 59	16 25	16 18	18 45	16 52	4 55	S 22
S 23	20 18	4 48	4 41	19 14	0s 0	25 37	3 15	24 35	1 41	6 57	1 28	22 23	0 46	23 42	0 18	22 20	1 7	2 2	15 59	16 28	16 19	18 46	16 52	4 56	S 23
M24	20 30	8 47	4 58	19 42	0 7	25 28	3 12	24 36	1 44	6 56	1 28	22 24	0 46	23 42	0 18	22 20	1 7	2 1	15 59	16 31	16 20	18 47	16 51	4 56	M24
T 25	20 42	12 22	5 0	20 10	0 14	25 18	3 10	24 37	1 46	6 55	1 28	22 24	0 45	23 41	0 18	22 20	1 7	2 1	16 0	16 35	16 21	18 48	16 50	4 56	T 25
W26	20 54	15 25	4 50	20 37	0 20	25 8	3 7	24 37	1 49	6 53	1 27	22 24	0 45	23 41	0 18	22 20	1 7	2 0	16 0	16 39	16 22	18 49	16 49	4 56	W26
T 27	21 5	17 49	4 27	21 2	0 27	24 57	3 3	24 38	1 52	6 52	1 27	22 24	0 45	23 41	0 18	22 20	1 7	2 0	16 0	16 43	16 23	18 50	16 49	4 56	T 27
F 28	21 16	19 28	3 52	21 27	0 33	24 46	3 0	24 38	1 55	6 51	1 27	22 25	0 45	23 41	0 18	22 20	1 7	2 0	16 0	16 46	16 24	18 51	16 48	4 56	F 28
S 29	21 27	20 15	3 7	21 51	0 39	24 34	2 56	24 38	1 57	6 50	1 26	22 25	0 45	23 41	0 18	22 20	1 7	1 59	16 1	16 49	16 25	18 52	16 47	4 56	S 29
S 30	21s37	20n 8	2s14	22s13	0s46	24s22	2s52	24n39	2n 0	6n49	1s26	22n25	0s45	23s41	0s18	22n20	1s 7	1n59	16n 1	16n50	16n26	18n53	16n47	4s57	S 30

Julian Day Number = 2356155.5, Delta T = 12.97 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'39, Lahiri = 20°12'40Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1738
geocentric

DECEMBER 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 38 29	8♐40'15	29♋10	8♐22	23♑38	14°R52	20°R48	8°R48	4♑46	2°R21	4♏51	13°R17	14♌42	20♊ 0	7°R51	M 1
T 2	4 42 25	9°41'09	11♌10	9°56	24°24	14♊29	20♈45	8♋44	4°50	2♋19	4°53	13°D16	14°39	20° 7	7♊47	T 2
W 3	4 46 22	10°42'05	23°22	11°30	25°10	14° 6	20°42	8°40	4°53	2°18	4°55	13♌16	14°36	20°14	7°44	W 3
T 4	4 50 18	11°43'01	5♍50	13° 4	25°55	13°42	20°39	8°36	4°56	2°16	4°57	13°R17	14°32	20°20	7°40	T 4
F 5	4 54 15	12°43'59	18°40	14°39	26°39	13°19	20°37	8°32	5° 0	2°15	4°59	13°17	14°29	20°27	7°37	F 5
S 6	4 58 12	13°44'58	1♎55	16°13	27°22	12°56	20°35	8°28	5° 3	2°13	5° 1	13°15	14°26	20°34	7°33	S 6
S 7	5 2 8	14°45'58	15°39	17°47	28° 4	12°33	20°33	8°23	5° 6	2°12	5° 3	13°11	14°23	20°40	7°29	S 7
M 8	5 6 5	15°46'59	29°53	19°22	28°44	12°10	20°31	8°19	5°10	2°10	5° 5	13° 5	14°20	20°47	7°26	M 8
T 9	5 10 1	16°48'01	14♏35	20°56	29°24	11°47	20°30	8°15	5°13	2° 8	5° 7	12°57	14°17	20°54	7°22	T 9
W10	5 13 58	17°49'05	29°40	22°31	0♒ 2	11°25	20°28	8°10	5°17	2° 7	5° 9	12°48	14°13	21° 1	7°19	W10
T 11	5 17 54	18°50'09	14♐57	24° 5	0°39	11° 3	20°27	8° 6	5°20	2° 5	5°11	12°39	14°10	21° 7	7°15	T 11
F 12	5 21 51	19°51'14	0♑16	25°40	1°14	10°41	20°26	8° 1	5°24	2° 3	5°13	12°32	14° 7	21°14	7°12	F 12
S 13	5 25 47	20°52'20	15°26	27°15	1°49	10°20	20°26	7°56	5°27	2° 2	5°14	12°27	14° 4	21°21	7° 8	S 13
S 14	5 29 44	21°53'26	0♒18	28°50	2°21	10° 0	20°25	7°52	5°31	2° 0	5°16	12°24	14° 1	21°27	7° 5	S 14
M15	5 33 41	22°54'32	14°44	0♑25	2°53	9°39	20°25	7°47	5°34	1°58	5°18	12°D24	13°58	21°34	7° 1	M15
T 16	5 37 37	23°55'39	28°43	2° 0	3°22	9°20	20°D25	7°42	5°38	1°57	5°20	12°24	13°54	21°41	6°58	T 16
W17	5 41 34	24°56'46	12♓15	3°36	3°50	9° 1	20°25	7°38	5°41	1°55	5°22	12°26	13°51	21°47	6°54	W17
T 18	5 45 30	25°57'53	25°22	5°11	4°16	8°42	20°25	7°33	5°45	1°53	5°23	12°R26	13°48	21°54	6°51	T 18
F 19	5 49 27	26°59'00	8♈ 7	6°47	4°41	8°24	20°26	7°28	5°49	1°52	5°25	12°25	13°45	22° 1	6°48	F 19
S 20	5 53 23	28° 0'08	20°34	8°22	5° 4	8° 7	20°27	7°23	5°52	1°50	5°27	12°23	13°42	22° 7	6°44	S 20
S 21	5 57 20	29° 1'16	2♉48	9°58	5°24	7°51	20°28	7°18	5°56	1°48	5°28	12°18	13°38	22°14	6°41	S 21
M22	6 1 16	0♑ 2'23	14°53	11°33	5°43	7°35	20°29	7°13	5°59	1°47	5°30	12°12	13°35	22°21	6°38	M22
T 23	6 5 13	1° 3'31	26°50	13° 8	6° 0	7°20	20°30	7° 8	6° 3	1°45	5°32	12° 4	13°32	22°28	6°35	T 23
W24	6 9 10	2° 4'39	8♊43	14°44	6°14	7° 6	20°32	7° 4	6° 6	1°43	5°33	11°56	13°29	22°34	6°32	W24
T 25	6 13 6	3° 5'47	20°34	16°19	6°27	6°52	20°34	6°59	6°10	1°42	5°35	11°48	13°26	22°41	6°28	T 25
F 26	6 17 3	4° 6'56	2♋25	17°54	6°37	6°40	20°36	6°54	6°14	1°40	5°36	11°41	13°23	22°48	6°25	F 26
S 27	6 20 59	5° 8'04	14°17	19°28	6°45	6°28	20°38	6°49	6°17	1°38	5°38	11°36	13°19	22°54	6°22	S 27
S 28	6 24 56	6° 9'13	26°12	21° 2	6°50	6°17	20°40	6°44	6°21	1°36	5°39	11°33	13°16	23° 1	6°19	S 28
M29	6 28 52	7°10'22	8♌13	22°35	6°54	6° 6	20°43	6°39	6°24	1°35	5°41	11°D32	13°13	23° 8	6°16	M29
T 30	6 32 49	8°11'31	20°21	24° 7	6°R54	5°57	20°46	6°34	6°28	1°33	5°42	11°32	13°10	23°14	6°13	T 30
W31	6 36 46	9♑12'40	2♍39	25♑38	6♒53	5♊48	20♈49	6♋29	6♑32	1♋31	5♏43	11♌33	13♌ 7	23♊21	6♊11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s47	19n 8	1s15	22s35	0s52	24s10	2s48	24n39	2n 3	6n48	1s26	22n26	0s45	23s41	0s18	22n20	1s 7	1n58	16n 1	16n51	16n27	18n54	16n46	4s57
T 2	21 56	17 16	0 11	22 55	0 58	23 57	2 44	24 38	2 5	6 47	1 26	22 26	0 45	23 41	0 18	22 20	1 7	1 58	16 1	16 52	16 28	18 55	16 45	4 57
W 3	22 5	14 36	0n54	23 14	1 4	23 44	2 39	24 38	2 8	6 46	1 25	22 26	0 45	23 40	0 18	22 20	1 7	1 57	16 2	16 52	16 29	18 56	16 45	4 57
T 4	22 13	11 12	1 58	23 33	1 9	23 31	2 34	24 38	2 10	6 46	1 25	22 27	0 45	23 40	0 18	22 20	1 7	1 57	16 2	16 51	16 30	18 57	16 44	4 57
F 5	22 21	7 13	2 58	23 49	1 15	23 17	2 29	24 37	2 12	6 45	1 25	22 27	0 45	23 40	0 18	22 20	1 7	1 57	16 2	16 51	16 30	18 58	16 43	4 57
S 6	22 29	2 45	3 50	24 5	1 20	23 3	2 23	24 36	2 15	6 45	1 24	22 27	0 45	23 40	0 18	22 20	1 7	1 56	16 3	16 52	16 31	18 59	16 43	4 57
S 7	22 36	2s 0	4 31	24 19	1 25	22 49	2 17	24 35	2 17	6 44	1 24	22 28	0 45	23 40	0 18	22 20	1 7	1 56	16 3	16 53	16 32	19 0	16 42	4 57
M 8	22 43	6 48	4 58	24 32	1 30	22 35	2 11	24 34	2 19	6 44	1 24	22 28	0 45	23 40	0 18	22 20	1 7	1 56	16 3	16 55	16 33	19 1	16 42	4 57
T 9	22 49	11 22	5 5	24 44	1 35	22 20	2 5	24 33	2 21	6 44	1 23	22 28	0 45	23 40	0 18	22 20	1 7	1 55	16 3	16 57	16 34	19 2	16 41	4 57
W10	22 55	15 20	4 53	24 55	1 39	22 6	1 58	24 32	2 23	6 43	1 23	22 29	0 45	23 40	0 18	22 20	1 7	1 55	16 4	16 59	16 35	19 3	16 40	4 57
T 11	23 0	18 20	4 19	25 4	1 44	21 51	1 51	24 31	2 25	6 43	1 23	22 29	0 44	23 39	0 18	22 20	1 7	1 55	16 4	17 2	16 36	19 4	16 40	4 57
F 12	23 5	20 2	3 26	25 12	1 48	21 35	1 43	24 30	2 26	6 43	1 23	22 29	0 44	23 39	0 18	22 20	1 7	1 55	16 4	17 4	16 37	19 5	16 39	4 57
S 13	23 9	20 16	2 20	25 18	1 51	21 20	1 36	24 28	2 28	6 43	1 22	22 30	0 44	23 39	0 18	22 20	1 7	1 54	16 5	17 5	16 38	19 6	16 39	4 57
S 14	23 13	19 4	1 5	25 23	1 55	21 5	1 28	24 27	2 30	6 43	1 22	22 30	0 44	23 39	0 18	22 20	1 7	1 54	16 5	17 6	16 39	19 7	16 38	4 57
M15	23 17	16 38	0s13	25 26	1 58	20 49	1 19	24 25	2 31	6 44	1 22	22 30	0 44	23 39	0 18	22 20	1 7	1 54	16 6	17 6	16 40	19 8	16 37	4 57
T 16	23 20	13 18	1 27	25 28	2 1	20 34	1 10	24 24	2 33	6 44	1 21	22 31	0 44	23 39	0 18	22 20	1 7	1 54	16 6	17 6	16 41	19 9	16 37	4 57
W17	23 22	9 21	2 34	25 29	2 4	20 19	1 1	24 22	2 34	6 44	1 21	22 31	0 44	23 39	0 18	22 20	1 7	1 53	16 6	17 6	16 41	19 10	16 36	4 57
T 18	23 25	5 4	3 31	25 28	2 6	20 3	0 52	24 20	2 35	6 45	1 21	22 32	0 44	23 38	0 18	22 20	1 7	1 53	16 7	17 6	16 42	19 11	16 36	4 57
F 19	23 26	0 42	4 16	25 26	2 8	19 48	0 42	24 19	2 37	6 45	1 20	22 32	0 44	23 38	0 18	22 20	1 7	1 53	16 7	17 6	16 43	19 12	16 35	4 57
S 20	23 27	3n37	4 47	25 22	2 9	19 32	0 31	24 17	2 38	6 46	1 20	22 32	0 44	23 38	0 18	22 20	1 7	1 53	16 7	17 7	16 44	19 13	16 35	4 57
S 21	23 28	7 41	5 5	25 16	2 10	19 17	0 21	24 15	2 39	6 46	1 20	22 33	0 44	23 38	0 18	22 20	1 7	1 53	16 8	17 8	16 45	19 13	16 34	4 57
M22	23 28	11 24	5 9	25 9	2 11	19 1	0 10	24 14	2 40	6 47	1 19	22 33	0 44	23 38	0 18	22 20	1 7	1 53	16 8	17 10	16 46	19 14	16 34	4 57
T 23	23 28	14 37	4 59	25 0	2 11	18 46	0n 2	24 12	2 41	6 48	1 19	22 33	0 43	23 38	0 18	22 20	1 7	1 53	16 9	17 12	16 47	19 15	16 33	4 57
W24	23 27	17 14	4 36	24 50	2 11	18 31	0 14	24 11	2 42	6 49	1 19	22 34	0 43	23 38	0 18	22 20	1 7	1 52	16 9	17 14	16 48	19 16	16 33	4 57
T 25	23 26	19 7	4 2	24 38	2 10	18 16	0 26	24 9	2 42	6 50	1 18	22 34	0 43	23 37	0 18	22 20	1 7	1 52	16 10	17 16	16 49	19 17	16 32	4 57
F 26	23 24	20 10	3 17	24 24	2 9	18 2	0 38	24 8	2 43	6 51	1 18	22 34	0 43	23 37	0 18	22 20	1 7	1 52	16 10	17 18	16 50	19 18	16 32	4 57
S 27	23 22	20 20	2 23	24 9	2 7	17 47	0 51	24 6	2 44	6 52	1 18	22 35	0 43	23 37	0 18	22 20	1 7	1 52	16 10	17 20	16 51	19 19	16 32	4 57
S 28	23 20	19 35	1 23	23 53	2 5	17 33	1 4	24 5	2 44	6 53	1 18	22 35	0 43	23 37	0 18	22 20	1 7	1 52	16 11	17 20	16 52	19 20	16 31	4 57
M29	23 17	17 57	0 18	23 35	2 2	17 19	1 18	24 4	2 45	6 54	1 17	22 35	0 43	23 37	0 18	22 21	1 7	1 52	16 11	17 21	16 52	19 21	16 31	4 57
T 30	23 13	15 29	0n48	23 15	1 58	17 5	1 32	24 2	2 45	6 56	1 17	22 36	0 43	23 37	0 18	22 21	1 7	1 52	16 12	17 21	16 53	19 22	16 30	4 57
W31	23s 9	12n18	1n53	22s55	1s54	16s52	1n46	24n 1	2n46	6n57	1s17	22n36	0s43	23s36	0s18	22n21	1s 7	1n52	16n12	17n20	16n54	19n23	16n30	4s56

Julian Day Number = 2356185.5, Delta T = 12.99 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'43, Lahiri = 20°12'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

JANUARY 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 42	10♑13'49	15♍12	27♑ 7	6°R48	5°R40	20♈52	6°R24	6♑35	1°R30	5♏45	11♌35	13♌ 4	23♊28	6°R 8	T 1
F 2	6 44 39	11°14'59	28° 1	28°35	6♒42	5♊33	20°55	6♋19	6°39	1♋28	5°46	11°37	13° 0	23°34	6♊ 5	F 2
S 3	6 48 35	12°16'08	11♎12	0♒ 0	6°32	5°27	20°59	6°14	6°42	1°26	5°47	11°R37	12°57	23°41	6° 2	S 3
S 4	6 52 32	13°17'18	24°47	1°24	6°21	5°22	21° 3	6° 9	6°46	1°25	5°49	11°37	12°54	23°48	6° 0	S 4
M 5	6 56 28	14°18'28	8♏47	2°44	6° 6	5°17	21° 7	6° 4	6°49	1°23	5°50	11°35	12°51	23°55	5°57	M 5
T 6	7 0 25	15°19'38	23°12	4° 0	5°50	5°13	21°11	5°59	6°53	1°21	5°51	11°32	12°48	24° 1	5°54	T 6
W 7	7 4 21	16°20'48	7♐59	5°12	5°31	5°10	21°15	5°54	6°57	1°20	5°52	11°29	12°44	24° 8	5°52	W 7
T 8	7 8 18	17°21'59	23° 1	6°20	5° 9	5° 8	21°20	5°50	7° 0	1°18	5°53	11°25	12°41	24°15	5°49	T 8
F 9	7 12 15	18°23'09	8♑11	7°22	4°46	5° 7	21°25	5°45	7° 4	1°17	5°54	11°22	12°38	24°21	5°47	F 9
S 10	7 16 11	19°24'18	23°18	8°17	4°20	5°D 6	21°30	5°40	7° 7	1°15	5°55	11°20	12°35	24°28	5°45	S 10
S 11	7 20 8	20°25'27	8♒13	9° 5	3°52	5° 6	21°35	5°35	7°11	1°13	5°56	11°D19	12°32	24°35	5°42	S 11
M12	7 24 4	21°26'36	22°49	9°45	3°23	5° 7	21°40	5°31	7°14	1°12	5°57	11°19	12°29	24°41	5°40	M12
T 13	7 28 1	22°27'44	6♓59	10°16	2°52	5° 9	21°45	5°26	7°18	1°10	5°58	11°21	12°25	24°48	5°38	T 13
W14	7 31 57	23°28'51	20°42	10°37	2°19	5°11	21°51	5°21	7°21	1° 9	5°59	11°22	12°22	24°55	5°36	W14
T 15	7 35 54	24°29'57	3♈58	10°R47	1°45	5°15	21°57	5°17	7°25	1° 7	6° 0	11°23	12°19	25° 1	5°34	T 15
F 16	7 39 50	25°31'02	16°50	10°46	1°10	5°19	22° 3	5°12	7°28	1° 6	6° 1	11°24	12°16	25° 8	5°32	F 16
S 17	7 43 47	26°32'07	29°21	10°34	0°34	5°23	22° 9	5° 8	7°32	1° 4	6° 2	11°R24	12°13	25°15	5°30	S 17
S 18	7 47 44	27°33'10	11♉35	10° 9	29♑57	5°29	22°15	5° 4	7°35	1° 3	6° 3	11°24	12° 9	25°22	5°28	S 18
M19	7 51 40	28°34'13	23°37	9°34	29°20	5°35	22°22	4°59	7°39	1° 1	6° 3	11°23	12° 6	25°28	5°27	M19
T 20	7 55 37	29°35'14	5♊32	8°48	28°43	5°41	22°29	4°55	7°42	1° 0	6° 4	11°21	12° 3	25°35	5°25	T 20
W21	7 59 33	0♒36'15	17°22	7°52	28° 6	5°49	22°35	4°51	7°45	0°58	6° 5	11°19	12° 0	25°42	5°23	W21
T 22	8 3 30	1°37'14	29°12	6°48	27°30	5°57	22°42	4°47	7°49	0°57	6° 5	11°18	11°57	25°48	5°22	T 22
F 23	8 7 26	2°38'13	11♋ 4	5°39	26°54	6° 6	22°50	4°42	7°52	0°55	6° 6	11°16	11°54	25°55	5°20	F 23
S 24	8 11 23	3°39'11	23° 1	4°25	26°19	6°15	22°57	4°38	7°55	0°54	6° 6	11°16	11°50	26° 2	5°19	S 24
S 25	8 15 19	4°40'08	5♌ 5	3° 9	25°45	6°25	23° 4	4°34	7°59	0°53	6° 7	11°15	11°47	26° 8	5°18	S 25
M26	8 19 16	5°41'03	17°18	1°54	25°13	6°35	23°12	4°31	8° 2	0°51	6° 7	11°D15	11°44	26°15	5°16	M26
T 27	8 23 13	6°41'58	29°41	0°42	24°42	6°46	23°20	4°27	8° 5	0°50	6° 8	11°15	11°41	26°22	5°15	T 27
W28	8 27 9	7°42'52	12♍15	29♑34	24°13	6°58	23°28	4°23	8° 9	0°49	6° 8	11°16	11°38	26°28	5°14	W28
T 29	8 31 6	8°43'45	25° 2	28°32	23°46	7°10	23°36	4°19	8°12	0°47	6° 9	11°16	11°35	26°35	5°13	T 29
F 30	8 35 2	9°44'37	8♎ 3	27°37	23°21	7°23	23°44	4°16	8°15	0°46	6° 9	11°16	11°31	26°42	5°12	F 30
S 31	8 38 59	10♒45'28	21♎21	26♑49	22♑58	7♊36	23♈52	4♋12	8♑18	0♋45	6♏ 9	11♌17	11♌28	26♊48	5♊11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 5	8n31	2n54	22s32	1s49	16s39	2n 1	24n 0	2n46	6n59	1s16	22n37	0s42	23s36	0s18	22n21	1s 7	1n52	16n13	17n20	16n55	19n24	16n30	4s56
F 2	23 0	4 16	3 48	22 9	1 43	16 26	2 15	23 59	2 46	7 0	1 16	22 37	0 42	23 36	0 18	22 21	1 7	1 52	16 13	17 19	16 56	19 24	16 29	4 56
S 3	22 54	0s17	4 31	21 44	1 36	16 14	2 30	23 58	2 47	7 2	1 16	22 37	0 42	23 36	0 18	22 21	1 7	1 52	16 14	17 19	16 57	19 25	16 29	4 56
S 4	22 48	4 57	5 1	21 19	1 28	16 2	2 45	23 57	2 47	7 4	1 15	22 38	0 42	23 36	0 18	22 21	1 7	1 52	16 14	17 19	16 58	19 26	16 29	4 56
M 5	22 42	9 29	5 14	20 52	1 20	15 51	3 1	23 57	2 47	7 5	1 15	22 38	0 42	23 36	0 18	22 21	1 7	1 52	16 15	17 20	16 59	19 27	16 28	4 56
T 6	22 35	13 38	5 8	20 25	1 10	15 40	3 16	23 56	2 47	7 7	1 15	22 38	0 42	23 35	0 18	22 21	1 7	1 53	16 15	17 21	17 0	19 28	16 28	4 56
W 7	22 28	17 2	4 41	19 57	1 0	15 30	3 32	23 56	2 47	7 9	1 14	22 39	0 42	23 35	0 18	22 21	1 7	1 53	16 16	17 22	17 1	19 29	16 28	4 56
T 8	22 21	19 22	3 55	19 29	0 48	15 20	3 47	23 55	2 47	7 11	1 14	22 39	0 42	23 35	0 18	22 21	1 7	1 53	16 16	17 23	17 1	19 30	16 27	4 55
F 9	22 12	20 21	2 53	19 2	0 36	15 10	4 2	23 55	2 47	7 13	1 14	22 39	0 42	23 35	0 18	22 21	1 7	1 53	16 17	17 24	17 2	19 31	16 27	4 55
S 10	22 4	19 51	1 38	18 34	0 22	15 2	4 18	23 55	2 47	7 15	1 14	22 40	0 41	23 35	0 18	22 21	1 7	1 53	16 17	17 24	17 3	19 31	16 27	4 55
S 11	21 55	17 58	0 17	18 8	0 7	14 53	4 33	23 55	2 47	7 17	1 13	22 40	0 41	23 34	0 18	22 21	1 7	1 53	16 18	17 24	17 4	19 32	16 27	4 55
M12	21 46	14 55	1s 3	17 42	0n 8	14 46	4 48	23 55	2 47	7 20	1 13	22 40	0 41	23 34	0 18	22 21	1 7	1 53	16 18	17 24	17 5	19 33	16 27	4 55
T 13	21 36	11 5	2 17	17 18	0 24	14 38	5 2	23 55	2 46	7 22	1 13	22 41	0 41	23 34	0 18	22 21	1 7	1 54	16 19	17 24	17 6	19 34	16 26	4 55
W14	21 26	6 46	3 21	16 56	0 42	14 32	5 16	23 55	2 46	7 24	1 12	22 41	0 41	23 34	0 18	22 21	1 7	1 54	16 19	17 24	17 7	19 35	16 26	4 54
T 15	21 15	2 16	4 12	16 36	0 59	14 26	5 30	23 55	2 46	7 27	1 12	22 41	0 41	23 34	0 18	22 21	1 7	1 54	16 20	17 23	17 8	19 36	16 26	4 54
F 16	21 4	2n11	4 48	16 19	1 18	14 20	5 43	23 56	2 46	7 29	1 12	22 42	0 41	23 34	0 18	22 21	1 7	1 54	16 20	17 23	17 9	19 37	16 26	4 54
S 17	20 53	6 26	5 10	16 4	1 36	14 15	5 56	23 56	2 45	7 32	1 12	22 42	0 40	23 33	0 18	22 21	1 7	1 54	16 21	17 23	17 9	19 37	16 26	4 54
S 18	20 41	10 18	5 17	15 53	1 54	14 11	6 8	23 57	2 45	7 34	1 11	22 42	0 40	23 33	0 18	22 21	1 7	1 55	16 21	17 23	17 10	19 38	16 26	4 54
M19	20 28	13 42	5 9	15 45	2 12	14 8	6 20	23 58	2 45	7 37	1 11	22 42	0 40	23 33	0 18	22 21	1 7	1 55	16 22	17 23	17 11	19 39	16 25	4 53
T 20	20 16	16 31	4 49	15 41	2 29	14 4	6 30	23 59	2 44	7 40	1 11	22 43	0 40	23 33	0 18	22 21	1 7	1 55	16 22	17 24	17 12	19 40	16 25	4 53
W21	20 3	18 37	4 16	15 40	2 45	14 2	6 40	24 0	2 44	7 43	1 10	22 43	0 40	23 33	0 18	22 21	1 7	1 56	16 23	17 24	17 13	19 41	16 25	4 53
T 22	19 50	19 55	3 33	15 42	2 59	14 0	6 49	24 1	2 44	7 46	1 10	22 43	0 40	23 32	0 18	22 21	1 7	1 56	16 23	17 25	17 14	19 42	16 25	4 53
F 23	19 36	20 21	2 40	15 47	3 11	13 59	6 57	24 2	2 43	7 48	1 10	22 44	0 40	23 32	0 18	22 21	1 7	1 56	16 24	17 25	17 15	19 42	16 25	4 53
S 24	19 22	19 52	1 40	15 55	3 21	13 58	7 5	24 3	2 43	7 51	1 10	22 44	0 40	23 32	0 18	22 21	1 7	1 57	16 24	17 25	17 16	19 43	16 25	4 52
S 25	19 7	18 28	0 34	16 5	3 29	13 57	7 11	24 4	2 42	7 54	1 9	22 44	0 39	23 32	0 18	22 22	1 7	1 57	16 25	17 25	17 17	19 44	16 25	4 52
M26	18 53	16 12	0n34	16 17	3 34	13 57	7 17	24 6	2 42	7 58	1 9	22 44	0 39	23 32	0 18	22 22	1 7	1 57	16 25	17 25	17 17	19 45	16 25	4 52
T 27	18 37	13 10	1 41	16 30	3 37	13 58	7 22	24 7	2 41	8 1	1 9	22 45	0 39	23 32	0 18	22 22	1 7	1 58	16 26	17 25	17 18	19 46	16 25	4 52
W28	18 22	9 30	2 44	16 44	3 37	13 59	7 26	24 9	2 41	8 4	1 8	22 45	0 39	23 31	0 18	22 22	1 7	1 58	16 26	17 25	17 19	19 46	16 25	4 51
T 29	18 6	5 20	3 40	16 58	3 35	14 0	7 29	24 10	2 40	8 7	1 8	22 45	0 39	23 31	0 18	22 22	1 6	1 58	16 27	17 25	17 20	19 47	16 25	4 51
F 30	17 50	0 52	4 26	17 13	3 31	14 2	7 31	24 12	2 40	8 10	1 8	22 46	0 39	23 31	0 18	22 22	1 6	1 59	16 27	17 25	17 21	19 48	16 25	4 51
S 31	17s34	3s43	4n59	17s28	3n25	14s 4	7n32	24n13	2n39	8n14	1s 8	22n46	0s38	23s31	0s18	22n22	1s 6	1n59	16n28	17n25	17n22	19n49	16n25	4s51

Julian Day Number = 2356216.5, Delta T = 13.01 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'48, Lahiri = 20°12'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

FEBRUARY 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 55	11♒46'19	4♏55	26°R10	22°R38	7♊50	24♈ 1	4°R 9	8♑21	0°R44	6♏10	11♌17	11♌25	26♊55	5°R10	S 1
M 2	8 46 52	12°47'08	18°47	25♑40	22♑20	8° 4	24° 9	4♋ 6	8°24	0♋43	6°10	11°17	11°22	27° 2	5♊10	M 2
T 3	8 50 48	13°47'57	2♐56	25°18	22° 4	8°19	24°18	4° 2	8°28	0°41	6°10	11°17	11°19	27° 8	5° 9	T 3
W 4	8 54 45	14°48'45	17°21	25° 4	21°51	8°35	24°27	3°59	8°31	0°40	6°10	11°17	11°15	27°15	5° 9	W 4
T 5	8 58 42	15°49'31	1♑58	24°D58	21°40	8°50	24°36	3°56	8°34	0°39	6°10	11°17	11°12	27°22	5° 8	T 5
F 6	9 2 38	16°50'17	16°43	25° 0	21°31	9° 7	24°45	3°53	8°37	0°38	6°10	11°18	11° 9	27°29	5° 8	F 6
S 7	9 6 35	17°51'02	1♒29	25° 8	21°26	9°23	24°55	3°50	8°40	0°37	6°10	11°18	11° 6	27°35	5° 7	S 7
S 8	9 10 31	18°51'45	16° 9	25°23	21°22	9°40	25° 4	3°48	8°43	0°36	6°R10	11°R18	11° 3	27°42	5° 7	S 8
M 9	9 14 28	19°52'27	0♓36	25°44	21°D21	9°58	25°14	3°45	8°46	0°35	6°10	11°18	11° 0	27°49	5° 7	M 9
T 10	9 18 24	20°53'08	14°45	26°11	21°23	10°16	25°23	3°42	8°48	0°34	6°10	11°17	10°56	27°55	5° 7	T 10
W11	9 22 21	21°53'46	28°32	26°43	21°27	10°35	25°33	3°40	8°51	0°33	6°10	11°16	10°53	28° 2	5°D 7	W11
T 12	9 26 17	22°54'23	11♈54	27°20	21°33	10°53	25°43	3°37	8°54	0°32	6°10	11°14	10°50	28° 9	5° 7	T 12
F 13	9 30 14	23°54'59	24°52	28° 1	21°42	11°13	25°53	3°35	8°57	0°31	6°10	11°13	10°47	28°15	5° 7	F 13
S 14	9 34 11	24°55'33	7♉29	28°46	21°52	11°32	26° 3	3°33	9° 0	0°30	6°10	11°11	10°44	28°22	5° 7	S 14
S 15	9 38 7	25°56'05	19°47	29°35	22° 5	11°52	26°14	3°31	9° 3	0°30	6° 9	11°11	10°41	28°29	5° 7	S 15
M16	9 42 4	26°56'35	1♊51	0♒27	22°20	12°13	26°24	3°29	9° 5	0°29	6° 9	11°D11	10°37	28°35	5° 8	M16
T 17	9 46 0	27°57'03	13°45	1°22	22°37	12°33	26°35	3°27	9° 8	0°28	6° 9	11°11	10°34	28°42	5° 8	T 17
W18	9 49 57	28°57'29	25°35	2°21	22°56	12°54	26°45	3°25	9°11	0°27	6° 8	11°13	10°31	28°49	5° 9	W18
T 19	9 53 53	29°57'54	7♋25	3°22	23°17	13°16	26°56	3°24	9°13	0°27	6° 8	11°14	10°28	28°55	5° 9	T 19
F 20	9 57 50	0♓58'17	19°20	4°25	23°39	13°38	27° 7	3°22	9°16	0°26	6° 8	11°16	10°25	29° 2	5°10	F 20
S 21	10 1 46	1°58'38	1♌22	5°31	24° 4	14° 0	27°18	3°21	9°18	0°25	6° 7	11°17	10°21	29° 9	5°11	S 21
S 22	10 5 43	2°58'57	13°35	6°39	24°30	14°22	27°29	3°19	9°21	0°25	6° 7	11°R17	10°18	29°15	5°11	S 22
M23	10 9 40	3°59'14	26° 2	7°49	24°58	14°45	27°40	3°18	9°23	0°24	6° 6	11°16	10°15	29°22	5°12	M23
T 24	10 13 36	4°59'29	8♍43	9° 1	25°27	15° 8	27°51	3°17	9°26	0°24	6° 6	11°14	10°12	29°29	5°13	T 24
W25	10 17 33	5°59'43	21°39	10°15	25°58	15°31	28° 3	3°16	9°28	0°23	6° 5	11°11	10° 9	29°35	5°14	W25
T 26	10 21 29	6°59'55	4♎49	11°31	26°31	15°55	28°14	3°15	9°30	0°23	6° 4	11° 7	10° 6	29°42	5°15	T 26
F 27	10 25 26	8° 0'05	18°13	12°48	27° 5	16°19	28°25	3°14	9°33	0°22	6° 4	11° 3	10° 2	29°49	5°16	F 27
S 28	10 29 22	9♓ 0'14	1♏50	14♒ 7	27♑40	16♊43	28♈37	3♋14	9♑35	0♋22	6♏ 3	10♌59	9♌59	29♊55	5♊18	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s17	8s13	5n16	17s42	3n18	14s 7	7n33	24n15	2n39	8n17	1s 7	22n46	0s38	23s31	0s18	22n22	1s 6	2n 0	16n29	17n25	17n23	19n50	16n26	4s50
M 2	17 0	12 23	5 15	17 56	3 9	14 10	7 33	24 17	2 38	8 20	1 7	22 46	0 38	23 30	0 18	22 22	1 6	2 0	16 29	17 25	17 24	19 50	16 26	4 50
T 3	16 42	15 56	4 55	18 10	3 0	14 13	7 32	24 19	2 38	8 24	1 7	22 47	0 38	23 30	0 18	22 22	1 6	2 0	16 30	17 25	17 24	19 51	16 26	4 50
W 4	16 25	18 36	4 17	18 22	2 49	14 16	7 31	24 21	2 37	8 27	1 7	22 47	0 38	23 30	0 18	22 22	1 6	2 1	16 30	17 25	17 25	19 52	16 26	4 50
T 5	16 7	20 6	3 22	18 34	2 38	14 20	7 29	24 23	2 36	8 31	1 6	22 47	0 38	23 30	0 18	22 22	1 6	2 1	16 31	17 25	17 26	19 53	16 26	4 50
F 6	15 49	20 14	2 12	18 45	2 27	14 24	7 27	24 25	2 36	8 34	1 6	22 47	0 38	23 30	0 18	22 22	1 6	2 2	16 31	17 25	17 27	19 53	16 26	4 49
S 7	15 30	18 58	0 54	18 55	2 15	14 28	7 23	24 27	2 35	8 38	1 6	22 48	0 37	23 30	0 18	22 22	1 6	2 2	16 32	17 25	17 28	19 54	16 26	4 49
S 8	15 11	16 27	0s27	19 4	2 3	14 32	7 20	24 29	2 35	8 42	1 6	22 48	0 37	23 29	0 18	22 22	1 6	2 3	16 32	17 25	17 29	19 55	16 27	4 49
M 9	14 52	12 55	1 45	19 12	1 51	14 36	7 16	24 31	2 34	8 45	1 6	22 48	0 37	23 29	0 18	22 22	1 6	2 3	16 33	17 25	17 30	19 56	16 27	4 48
T 10	14 33	8 42	2 55	19 19	1 39	14 40	7 11	24 33	2 33	8 49	1 5	22 48	0 37	23 29	0 18	22 22	1 6	2 4	16 33	17 25	17 31	19 56	16 27	4 48
W11	14 14	4 9	3 53	19 25	1 27	14 44	7 7	24 35	2 33	8 53	1 5	22 48	0 37	23 29	0 18	22 22	1 6	2 4	16 34	17 25	17 31	19 57	16 27	4 48
T 12	13 54	0n28	4 36	19 29	1 16	14 48	7 1	24 37	2 32	8 57	1 5	22 49	0 37	23 29	0 18	22 22	1 6	2 5	16 34	17 26	17 32	19 58	16 28	4 48
F 13	13 34	4 56	5 4	19 32	1 4	14 52	6 56	24 39	2 31	9 1	1 5	22 49	0 36	23 28	0 18	22 22	1 6	2 5	16 35	17 26	17 33	19 59	16 28	4 47
S 14	13 14	9 2	5 16	19 35	0 53	14 57	6 50	24 41	2 31	9 5	1 4	22 49	0 36	23 28	0 18	22 22	1 6	2 6	16 35	17 27	17 34	19 59	16 28	4 47
S 15	12 53	12 41	5 13	19 35	0 42	15 1	6 44	24 43	2 30	9 9	1 4	22 49	0 36	23 28	0 18	22 22	1 6	2 7	16 36	17 27	17 35	20 0	16 29	4 47
M16	12 33	15 43	4 56	19 35	0 31	15 5	6 38	24 45	2 30	9 12	1 4	22 50	0 36	23 28	0 18	22 22	1 6	2 7	16 36	17 27	17 36	20 1	16 29	4 47
T 17	12 12	18 4	4 27	19 33	0 20	15 8	6 31	24 48	2 29	9 16	1 4	22 50	0 36	23 28	0 18	22 22	1 6	2 8	16 37	17 27	17 37	20 2	16 29	4 46
W18	11 51	19 37	3 47	19 30	0 10	15 12	6 24	24 50	2 28	9 21	1 4	22 50	0 36	23 28	0 18	22 23	1 6	2 8	16 37	17 26	17 38	20 2	16 30	4 46
T 19	11 30	20 20	2 56	19 26	0s 0	15 16	6 17	24 52	2 28	9 25	1 3	22 50	0 35	23 28	0 19	22 23	1 6	2 9	16 38	17 26	17 38	20 3	16 30	4 46
F 20	11 9	20 7	1 58	19 21	0 10	15 19	6 10	24 54	2 27	9 29	1 3	22 50	0 35	23 27	0 19	22 23	1 6	2 9	16 38	17 25	17 39	20 4	16 30	4 46
S 21	10 47	19 0	0 55	19 14	0 20	15 22	6 3	24 56	2 26	9 33	1 3	22 51	0 35	23 27	0 19	22 23	1 6	2 10	16 39	17 25	17 40	20 4	16 31	4 45
S 22	10 25	16 58	0n13	19 6	0 29	15 25	5 56	24 58	2 26	9 37	1 3	22 51	0 35	23 27	0 19	22 23	1 6	2 11	16 39	17 25	17 41	20 5	16 31	4 45
M23	10 4	14 7	1 20	18 56	0 37	15 27	5 48	25 0	2 25	9 41	1 2	22 51	0 35	23 27	0 19	22 23	1 5	2 11	16 40	17 25	17 42	20 6	16 31	4 45
T 24	9 42	10 33	2 25	18 46	0 46	15 30	5 40	25 2	2 24	9 45	1 2	22 51	0 35	23 27	0 19	22 23	1 5	2 12	16 40	17 26	17 43	20 7	16 32	4 45
W25	9 19	6 26	3 24	18 34	0 54	15 32	5 33	25 4	2 24	9 50	1 2	22 51	0 35	23 27	0 19	22 23	1 5	2 13	16 41	17 27	17 44	20 7	16 32	4 44
T 26	8 57	1 57	4 13	18 20	1 2	15 33	5 25	25 6	2 23	9 54	1 2	22 52	0 34	23 26	0 19	22 23	1 5	2 13	16 41	17 28	17 44	20 8	16 33	4 44
F 27	8 35	2s42	4 49	18 6	1 9	15 35	5 17	25 8	2 23	9 58	1 2	22 52	0 34	23 26	0 19	22 23	1 5	2 14	16 42	17 29	17 45	20 9	16 33	4 44
S 28	8s12	7s17	5n 9	17s50	1s16	15s36	5n 9	25n10	2n22	10n 2	1s 2	22n52	0s34	23s26	0s19	22n23	1s 5	2n15	16n42	17n30	17n46	20n 9	16n34	4s44

Julian Day Number = 2356247.5, Delta T = 13.03 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'52, Lahiri = 20°12'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

MARCH 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 19	10♓ 0'21	15♏37	15♒28	28♑16	17♊ 7	28♈49	3°R13	9♑37	0°R21	6°R 2	10°R56	9♌56	0♋ 2	5♊19	S 1
M 2	10 37 15	11° 0'26	29°33	16°49	28°54	17°32	29° 1	3♋13	9°39	0♋21	6♏ 2	10♌54	9°53	0° 9	5°20	M 2
T 3	10 41 12	12° 0'30	13♐37	18°13	29°33	17°57	29°12	3°13	9°41	0°21	6° 1	10°D53	9°50	0°16	5°22	T 3
W 4	10 45 8	13° 0'33	27°48	19°37	0♒14	18°22	29°24	3°12	9°43	0°20	6° 0	10°54	9°47	0°22	5°24	W 4
T 5	10 49 5	14° 0'34	12♑ 3	21° 3	0°55	18°47	29°36	3°D12	9°45	0°20	5°59	10°56	9°43	0°29	5°25	T 5
F 6	10 53 2	15° 0'33	26°21	22°31	1°37	19°13	29°48	3°12	9°47	0°20	5°58	10°57	9°40	0°36	5°27	F 6
S 7	10 56 58	16° 0'31	10♒39	23°59	2°21	19°38	0♉ 1	3°12	9°49	0°20	5°58	10°R58	9°37	0°42	5°29	S 7
S 8	11 0 55	17° 0'27	24°52	25°29	3° 5	20° 5	0°13	3°13	9°51	0°20	5°57	10°57	9°34	0°49	5°30	S 8
M 9	11 4 51	18° 0'21	8♓57	27° 0	3°50	20°31	0°25	3°13	9°53	0°19	5°56	10°54	9°31	0°56	5°32	M 9
T 10	11 8 48	19° 0'13	22°50	28°33	4°37	20°57	0°38	3°13	9°55	0°19	5°55	10°50	9°27	1° 2	5°34	T 10
W11	11 12 44	20° 0'03	6♈26	0♓ 6	5°24	21°24	0°50	3°14	9°57	0°19	5°54	10°44	9°24	1° 9	5°36	W11
T 12	11 16 41	20°59'51	19°43	1°41	6°12	21°51	1° 3	3°15	9°58	0°D19	5°53	10°37	9°21	1°16	5°39	T 12
F 13	11 20 37	21°59'37	2♉40	3°17	7° 0	22°18	1°15	3°16	10° 0	0°19	5°52	10°30	9°18	1°22	5°41	F 13
S 14	11 24 34	22°59'20	15°18	4°54	7°50	22°46	1°28	3°16	10° 2	0°19	5°50	10°23	9°15	1°29	5°43	S 14
S 15	11 28 31	23°59'02	27°38	6°33	8°40	23°13	1°41	3°18	10° 3	0°20	5°49	10°18	9°12	1°36	5°45	S 15
M16	11 32 27	24°58'41	9♊43	8°12	9°31	23°41	1°54	3°19	10° 5	0°20	5°48	10°15	9° 8	1°42	5°48	M16
T 17	11 36 24	25°58'18	21°38	9°53	10°23	24° 9	2° 7	3°20	10° 6	0°20	5°47	10°D13	9° 5	1°49	5°50	T 17
W18	11 40 20	26°57'53	3♋29	11°36	11°15	24°37	2°20	3°21	10° 8	0°20	5°46	10°13	9° 2	1°56	5°53	W18
T 19	11 44 17	27°57'26	15°19	13°19	12° 8	25° 5	2°33	3°23	10° 9	0°20	5°45	10°14	8°59	2° 2	5°55	T 19
F 20	11 48 13	28°56'56	27°14	15° 4	13° 1	25°33	2°46	3°24	10°10	0°20	5°43	10°16	8°56	2° 9	5°58	F 20
S 21	11 52 10	29°56'24	9♌19	16°50	13°55	26° 2	2°59	3°26	10°12	0°21	5°42	10°R17	8°52	2°16	6° 1	S 21
S 22	11 56 6	0♈55'49	21°39	18°37	14°50	26°31	3°12	3°28	10°13	0°21	5°41	10°16	8°49	2°22	6° 3	S 22
M23	12 0 3	1°55'13	4♍17	20°26	15°45	27° 0	3°25	3°30	10°14	0°21	5°39	10°13	8°46	2°29	6° 6	M23
T 24	12 4 0	2°54'34	17°14	22°16	16°41	27°29	3°38	3°32	10°15	0°22	5°38	10° 8	8°43	2°36	6° 9	T 24
W25	12 7 56	3°53'53	0♎30	24° 7	17°37	27°58	3°52	3°34	10°16	0°22	5°37	10° 1	8°40	2°42	6°12	W25
T 26	12 11 53	4°53'10	14° 6	26° 0	18°34	28°27	4° 5	3°36	10°17	0°23	5°35	9°52	8°37	2°49	6°15	T 26
F 27	12 15 49	5°52'25	27°58	27°54	19°31	28°57	4°19	3°38	10°18	0°23	5°34	9°43	8°33	2°56	6°18	F 27
S 28	12 19 46	6°51'38	12♏ 1	29°49	20°29	29°26	4°32	3°41	10°19	0°24	5°33	9°34	8°30	3° 2	6°21	S 28
S 29	12 23 42	7°50'49	26°11	1♈46	21°27	29°56	4°46	3°43	10°20	0°24	5°31	9°26	8°27	3° 9	6°25	S 29
M30	12 27 39	8°49'58	10♐25	3°44	22°25	0♋26	4°59	3°46	10°21	0°25	5°30	9°20	8°24	3°16	6°28	M30
T 31	12 31 35	9♈49'06	24♐38	5♈43	23♒24	0♋56	5♉13	3♋49	10♑22	0♋26	5♏28	9♌17	8♌21	3♋22	6♊31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s50	11s33	5n12	17s32	1s23	15s37	5n 2	25n11	2n21	10n 7	1s 1	22n52	0s34	23s26	0s19	22n23	1s 5	2n15	16n43	17n31	17n47	20n10	16n34	4s43
M 2	7 27	15 15	4 57	17 14	1 29	15 37	4 54	25 13	2 21	10 11	1 1	22 52	0 34	23 26	0 19	22 23	1 5	2 16	16 43	17 31	17 48	20 11	16 35	4 43
T 3	7 4	18 6	4 24	16 54	1 35	15 37	4 46	25 15	2 20	10 15	1 1	22 52	0 34	23 26	0 19	22 23	1 5	2 16	16 44	17 31	17 49	20 11	16 35	4 43
W 4	6 41	19 53	3 34	16 32	1 40	15 36	4 38	25 16	2 19	10 20	1 1	22 53	0 33	23 26	0 19	22 23	1 5	2 17	16 44	17 31	17 50	20 12	16 36	4 43
T 5	6 18	20 25	2 31	16 10	1 45	15 35	4 30	25 18	2 19	10 24	1 1	22 53	0 33	23 26	0 19	22 23	1 5	2 18	16 44	17 31	17 50	20 13	16 36	4 42
F 6	5 55	19 37	1 19	15 46	1 50	15 34	4 22	25 19	2 18	10 29	1 0	22 53	0 33	23 25	0 19	22 23	1 5	2 18	16 45	17 30	17 51	20 13	16 37	4 42
S 7	5 32	17 34	0 2	15 21	1 55	15 32	4 14	25 21	2 17	10 33	1 0	22 53	0 33	23 25	0 19	22 23	1 5	2 19	16 45	17 30	17 52	20 14	16 37	4 42
S 8	5 8	14 26	1s15	14 54	1 59	15 30	4 6	25 22	2 17	10 38	1 0	22 53	0 33	23 25	0 19	22 23	1 5	2 20	16 46	17 30	17 53	20 15	16 38	4 42
M 9	4 45	10 29	2 27	14 26	2 2	15 27	3 58	25 24	2 16	10 42	1 0	22 53	0 33	23 25	0 19	22 23	1 5	2 21	16 46	17 31	17 54	20 15	16 38	4 41
T 10	4 21	6 2	3 28	13 57	2 5	15 24	3 50	25 25	2 15	10 47	1 0	22 54	0 32	23 25	0 19	22 23	1 5	2 21	16 46	17 32	17 55	20 16	16 39	4 41
W11	3 58	1 22	4 16	13 27	2 8	15 21	3 43	25 26	2 15	10 51	1 0	22 54	0 32	23 25	0 19	22 24	1 5	2 22	16 47	17 34	17 55	20 17	16 40	4 41
T 12	3 34	3n15	4 49	12 55	2 10	15 17	3 35	25 27	2 14	10 56	0 59	22 54	0 32	23 25	0 19	22 24	1 5	2 23	16 47	17 36	17 56	20 17	16 40	4 41
F 13	3 11	7 37	5 7	12 22	2 12	15 12	3 27	25 28	2 14	11 0	0 59	22 54	0 32	23 25	0 19	22 24	1 5	2 23	16 48	17 38	17 57	20 18	16 41	4 40
S 14	2 47	11 31	5 8	11 48	2 14	15 7	3 19	25 29	2 13	11 5	0 59	22 54	0 32	23 25	0 19	22 24	1 5	2 24	16 48	17 40	17 58	20 18	16 41	4 40
S 15	2 24	14 51	4 56	11 13	2 15	15 2	3 12	25 30	2 12	11 9	0 59	22 54	0 32	23 24	0 19	22 24	1 5	2 25	16 48	17 41	17 59	20 19	16 42	4 40
M16	2 0	17 29	4 30	10 36	2 16	14 56	3 4	25 31	2 12	11 14	0 59	22 54	0 31	23 24	0 19	22 24	1 5	2 25	16 49	17 42	18 0	20 20	16 43	4 40
T 17	1 36	19 20	3 53	9 58	2 16	14 50	2 57	25 31	2 11	11 18	0 59	22 54	0 31	23 24	0 19	22 24	1 5	2 26	16 49	17 42	18 1	20 20	16 43	4 39
W18	1 13	20 20	3 6	9 19	2 15	14 43	2 49	25 32	2 10	11 23	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 27	16 49	17 42	18 1	20 21	16 44	4 39
T 19	0 49	20 26	2 11	8 38	2 15	14 35	2 42	25 32	2 10	11 28	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 27	16 50	17 42	18 2	20 22	16 45	4 39
F 20	0 25	19 36	1 10	7 57	2 13	14 28	2 34	25 33	2 9	11 32	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 28	16 50	17 42	18 3	20 22	16 45	4 39
S 21	0 1	17 52	0 5	7 14	2 12	14 19	2 27	25 33	2 8	11 37	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 29	16 50	17 41	18 4	20 23	16 46	4 38
S 22	0n22	15 16	1n 1	6 30	2 9	14 11	2 20	25 33	2 8	11 41	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 30	16 51	17 42	18 5	20 23	16 47	4 38
M23	0 46	11 54	2 6	5 44	2 7	14 1	2 13	25 33	2 7	11 46	0 58	22 55	0 30	23 24	0 19	22 24	1 4	2 30	16 51	17 42	18 6	20 24	16 47	4 38
T 24	1 10	7 54	3 5	4 58	2 4	13 52	2 6	25 33	2 7	11 51	0 58	22 55	0 30	23 24	0 19	22 24	1 4	2 31	16 51	17 44	18 6	20 24	16 48	4 38
W25	1 33	3 25	3 56	4 10	2 0	13 41	1 59	25 33	2 6	11 55	0 57	22 55	0 30	23 24	0 19	22 24	1 4	2 32	16 52	17 46	18 7	20 25	16 49	4 38
T 26	1 57	1s20	4 35	3 22	1 56	13 31	1 52	25 33	2 5	12 0	0 57	22 55	0 30	23 24	0 19	22 24	1 4	2 32	16 52	17 48	18 8	20 26	16 49	4 37
F 27	2 20	6 7	4 59	2 32	1 51	13 19	1 45	25 33	2 5	12 5	0 57	22 56	0 30	23 24	0 19	22 24	1 4	2 33	16 52	17 51	18 9	20 26	16 50	4 37
S 28	2 44	10 37	5 5	1 41	1 46	13 8	1 38	25 32	2 4	12 9	0 57	22 56	0 30	23 23	0 19	22 24	1 4	2 34	16 52	17 53	18 10	20 27	16 51	4 37
S 29	3 7	14 35	4 52	0 50	1 40	12 56	1 31	25 32	2 4	12 14	0 57	22 56	0 29	23 23	0 19	22 24	1 4	2 34	16 53	17 55	18 11	20 27	16 52	4 37
M30	3 30	17 43	4 22	0n 3	1 34	12 43	1 25	25 31	2 3	12 19	0 57	22 56	0 29	23 23	0 19	22 24	1 4	2 35	16 53	17 56	18 11	20 28	16 52	4 37
T 31	3n54	19s47	3n35	0n57	1s27	12s30	1n18	25n30	2n 2	12n23	0s57	22n56	0s29	23s23	0s19	22n24	1s 4	2n36	16n53	17n57	18n12	20n29	16n53	4s36

Julian Day Number = 2356275.5, Delta T = 13.05 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'56, Lahiri = 20°12'56Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

APRIL 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	⚷	⚸	⚳	⚴	⚵	Day
W 1	12 35 32	10♈48'12	8♉48	7♈43	24♒24	1♋26	5♉26	3♋52	10♉23	0♋26	5°R27	9°D16	8♌18	3♋29	6♊34		W 1
T 2	12 39 29	11°47'17	22°53	9°45	25°23	1°57	5°40	3°55	10°23	0°27	5♏25	9♌17	8°14	3°36	6°38		T 2
F 3	12 43 25	12°46'19	6♒53	11°47	26°23	2°27	5°54	3°58	10°24	0°28	5°24	9°R17	8°11	3°42	6°41		F 3
S 4	12 47 22	13°45'20	20°47	13°51	27°24	2°57	6° 8	4° 1	10°25	0°28	5°22	9°17	8° 8	3°49	6°45		S 4
S 5	12 51 18	14°44'19	4♓34	15°55	28°25	3°28	6°21	4° 4	10°25	0°29	5°21	9°14	8° 5	3°56	6°48		S 5
M 6	12 55 15	15°43'16	18°13	18° 0	29°26	3°59	6°35	4° 7	10°26	0°30	5°19	9° 9	8° 2	4° 2	6°52		M 6
T 7	12 59 11	16°42'11	1♈41	20° 6	0♓27	4°30	6°49	4°11	10°26	0°31	5°18	9° 1	7°58	4° 9	6°56		T 7
W 8	13 3 8	17°41'04	14°57	22°12	1°29	5° 1	7° 3	4°14	10°26	0°32	5°16	8°51	7°55	4°16	7° 0		W 8
T 9	13 7 4	18°39'55	27°59	24°17	2°31	5°32	7°17	4°18	10°27	0°33	5°14	8°39	7°52	4°22	7° 3		T 9
F 10	13 11 1	19°38'44	10♉45	26°23	3°33	6° 3	7°31	4°22	10°27	0°34	5°13	8°26	7°49	4°29	7° 7		F 10
S 11	13 14 57	20°37'32	23°16	28°28	4°35	6°35	7°45	4°25	10°27	0°35	5°11	8°15	7°46	4°36	7°11		S 11
S 12	13 18 54	21°36'17	5♊32	0♉33	5°38	7° 6	7°59	4°29	10°27	0°36	5°10	8° 5	7°43	4°42	7°15		S 12
M13	13 22 51	22°34'59	17°36	2°36	6°41	7°38	8°13	4°33	10°28	0°37	5° 8	7°57	7°39	4°49	7°19		M13
T 14	13 26 47	23°33'40	29°30	4°37	7°45	8° 9	8°27	4°37	10°28	0°38	5° 6	7°53	7°36	4°56	7°23		T 14
W15	13 30 44	24°32'19	11♋20	6°37	8°48	8°41	8°41	4°42	10°R28	0°39	5° 5	7°50	7°33	5° 2	7°27		W15
T 16	13 34 40	25°30'55	23° 9	8°35	9°52	9°13	8°55	4°46	10°28	0°40	5° 3	7°D49	7°30	5° 9	7°31		T 16
F 17	13 38 37	26°29'29	5♌ 4	10°30	10°56	9°45	9° 9	4°50	10°28	0°41	5° 1	7°R50	7°27	5°16	7°35		F 17
S 18	13 42 33	27°28'01	17° 9	12°22	12° 0	10°17	9°23	4°55	10°27	0°42	5° 0	7°49	7°23	5°22	7°39		S 18
S 19	13 46 30	28°26'31	29°31	14°12	13° 4	10°49	9°38	4°59	10°27	0°44	4°58	7°48	7°20	5°29	7°44		S 19
M20	13 50 26	29°24'58	12♍13	15°58	14° 9	11°21	9°52	5° 4	10°27	0°45	4°56	7°44	7°17	5°36	7°48		M20
T 21	13 54 23	0♉23'24	25°18	17°40	15°14	11°53	10° 6	5° 8	10°27	0°46	4°55	7°37	7°14	5°42	7°52		T 21
W22	13 58 20	1°21'47	8♎49	19°19	16°19	12°26	10°20	5°13	10°26	0°47	4°53	7°29	7°11	5°49	7°57		W22
T 23	14 2 16	2°20'09	22°44	20°54	17°24	12°58	10°34	5°18	10°26	0°49	4°51	7°18	7° 8	5°56	8° 1		T 23
F 24	14 6 13	3°18'28	6♏59	22°24	18°29	13°31	10°49	5°23	10°26	0°50	4°49	7° 6	7° 4	6° 2	8° 5		F 24
S 25	14 10 9	4°16'46	21°29	23°51	19°35	14° 3	11° 3	5°28	10°25	0°51	4°48	6°55	7° 1	6° 9	8°10		S 25
S 26	14 14 6	5°15'02	6♐ 6	25°13	20°41	14°36	11°17	5°33	10°25	0°53	4°46	6°45	6°58	6°16	8°14		S 26
M27	14 18 2	6°13'17	20°44	26°31	21°47	15° 9	11°31	5°38	10°24	0°54	4°44	6°37	6°55	6°22	8°19		M27
T 28	14 21 59	7°11'30	5♑16	27°44	22°53	15°42	11°45	5°43	10°23	0°56	4°43	6°33	6°52	6°29	8°23		T 28
W29	14 25 55	8° 9'41	19°37	28°53	23°59	16°15	12° 0	5°49	10°23	0°57	4°41	6°31	6°49	6°36	8°28		W29
T 30	14 29 52	9♉ 7'52	3♒46	29♉57	25♓ 5	16♋48	12♉14	5♋54	10♉22	0♋59	4♏39	6♌30	6♌45	6♋42	8♊33		T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚷	⚸	⚳	⚴	⚵		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	4n17	20s36	2n35	1n51	1s20	12s17	1n12	25n30	2n 2	12n28	0s57	22n56	0s29	23s23	0s19	22n24	1s 4	2n36	16n53	17n58	18n13	20n29	16n54	4s36		
T 2	4 40	20 6	1 26	2 46	1 12	12 3	1 6	25 29	2 1	12 33	0 56	22 56	0 29	23 23	0 19	22 24	1 4	2 37	16 54	17 57	18 14	20 30	16 55	4 36		
F 3	5 3	18 22	0 13	3 42	1 3	11 48	0 59	25 27	2 1	12 37	0 56	22 56	0 29	23 23	0 20	22 25	1 4	2 38	16 54	17 57	18 15	20 30	16 55	4 36		
S 4	5 26	15 33	1s 1	4 38	0 55	11 34	0 53	25 26	2 0	12 42	0 56	22 56	0 29	23 23	0 20	22 25	1 4	2 38	16 54	17 57	18 15	20 31	16 56	4 36		
S 5	5 49	11 52	2 10	5 34	0 45	11 18	0 47	25 25	1 59	12 46	0 56	22 56	0 28	23 23	0 20	22 25	1 4	2 39	16 54	17 58	18 16	20 31	16 57	4 36		
M 6	6 12	7 36	3 12	6 31	0 36	11 3	0 41	25 23	1 59	12 51	0 56	22 56	0 28	23 23	0 20	22 25	1 4	2 40	16 54	18 0	18 17	20 32	16 58	4 35		
T 7	6 34	3 1	4 1	7 28	0 26	10 47	0 35	25 22	1 58	12 56	0 56	22 56	0 28	23 23	0 20	22 25	1 4	2 40	16 55	18 2	18 18	20 32	16 58	4 35		
W 8	6 57	1n39	4 36	8 25	0 16	10 30	0 29	25 20	1 58	13 0	0 56	22 56	0 28	23 23	0 20	22 25	1 4	2 41	16 55	18 4	18 19	20 33	16 59	4 35		
T 9	7 19	6 9	4 57	9 21	0 5	10 13	0 24	25 18	1 57	13 5	0 56	22 56	0 28	23 23	0 20	22 25	1 3	2 42	16 55	18 7	18 20	20 33	17 0	4 35		
F 10	7 42	10 18	5 2	10 17	0n 6	9 56	0 18	25 16	1 56	13 10	0 56	22 56	0 28	23 23	0 20	22 25	1 3	2 42	16 55	18 11	18 20	20 34	17 1	4 35		
S 11	8 4	13 54	4 52	11 12	0 17	9 39	0 13	25 14	1 56	13 14	0 55	22 56	0 28	23 23	0 20	22 25	1 3	2 43	16 55	18 14	18 21	20 34	17 1	4 35		
S 12	8 26	16 51	4 28	12 7	0 28	9 21	0 7	25 12	1 55	13 19	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 43	16 55	18 16	18 22	20 35	17 2	4 34		
M13	8 48	19 1	3 53	13 0	0 39	9 2	0 2	25 9	1 55	13 24	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 44	16 55	18 18	18 23	20 35	17 3	4 34		
T 14	9 10	20 20	3 9	13 52	0 50	8 43	0s 3	25 7	1 54	13 28	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 45	16 55	18 19	18 24	20 36	17 4	4 34		
W15	9 31	20 44	2 16	14 42	1 1	8 24	0 8	25 4	1 53	13 33	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 45	16 56	18 20	18 24	20 36	17 5	4 34		
T 16	9 53	20 13	1 17	15 31	1 12	8 5	0 13	25 2	1 53	13 37	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 46	16 56	18 20	18 25	20 37	17 5	4 34		
F 17	10 14	18 47	0 15	16 17	1 22	7 45	0 18	24 59	1 52	13 42	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 46	16 56	18 20	18 26	20 37	17 6	4 34		
S 18	10 35	16 30	0n49	17 2	1 32	7 25	0 23	24 56	1 52	13 47	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 47	16 56	18 20	18 27	20 38	17 7	4 34		
S 19	10 56	13 25	1 52	17 44	1 42	7 5	0 27	24 53	1 51	13 51	0 55	22 56	0 26	23 23	0 20	22 25	1 3	2 48	16 56	18 21	18 28	20 38	17 8	4 34		
M20	11 17	9 38	2 51	18 24	1 51	6 44	0 32	24 49	1 51	13 56	0 55	22 56	0 26	23 23	0 20	22 25	1 3	2 48	16 56	18 22	18 29	20 39	17 8	4 33		
T 21	11 37	5 17	3 43	19 2	1 59	6 23	0 36	24 46	1 50	14 0	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 49	16 56	18 23	18 29	20 39	17 9	4 33		
W22	11 58	0 33	4 24	19 37	2 7	6 2	0 41	24 42	1 49	14 5	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 49	16 56	18 26	18 30	20 40	17 10	4 33		
T 23	12 18	4s21	4 51	20 9	2 14	5 40	0 45	24 39	1 49	14 9	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 50	16 56	18 28	18 31	20 40	17 11	4 33		
F 24	12 38	9 8	5 0	20 39	2 20	5 19	0 49	24 35	1 48	14 14	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 50	16 56	18 31	18 32	20 41	17 12	4 33		
S 25	12 58	13 28	4 51	21 7	2 26	4 57	0 53	24 31	1 48	14 18	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 51	16 56	18 34	18 33	20 41	17 12	4 33		
S 26	13 17	17 3	4 22	21 31	2 30	4 34	0 57	24 27	1 47	14 23	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 51	16 56	18 37	18 33	20 42	17 13	4 33		
M27	13 37	19 33	3 37	21 54	2 34	4 12	1 1	24 22	1 46	14 27	0 54	22 56	0 25	23 24	0 20	22 25	1 3	2 52	16 56	18 39	18 34	20 42	17 14	4 33		
T 28	13 56	20 45	2 37	22 14	2 37	3 49	1 4	24 18	1 46	14 32	0 54	22 56	0 25	23 24	0 20	22 25	1 3	2 52	16 56	18 40	18 35	20 43	17 15	4 33		
W29	14 15	20 35	1 28	22 31	2 39	3 26	1 8	24 14	1 45	14 36	0 54	22 55	0 25	23 24	0 20	22 25	1 3	2 53	16 56	18 40	18 36	20 43	17 16	4 33		
T 30	14n33	19s 6	0n14	22n46	2n40	3s 3	1s11	24n 9	1n45	14n40	0s54	22n55	0s25	23s24	0s20	22n25	1s 3	2n53	16n56	18n40	18n37	20n43	17n16	4s32		

Julian Day Number = 2356306.5, Delta T = 13.07 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'00, Lahiri = 20°13'01Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1739
geocentric

MAY 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 33 49	10♉ 6'00	17♒41	0♊56	26♓12	17♋21	12♉28	6♋ 0	10°R21	1♋ 0	4°R38	6°R30	6♌42	6♋49	8♊37	F 1
S 2	14 37 45	11° 4'07	1♓23	1°51	27°18	17°54	12°43	6° 5	10♏20	1° 2	4♏36	6♌29	6°39	6°56	8°42	S 2
S 3	14 41 42	12° 2'13	14°52	2°41	28°25	18°27	12°57	6°11	10°20	1° 3	4°34	6°26	6°36	7° 2	8°47	S 3
M 4	14 45 38	13° 0'18	28° 9	3°25	29°32	19° 0	13°11	6°16	10°19	1° 5	4°33	6°20	6°33	7° 9	8°51	M 4
T 5	14 49 35	13°58'20	11♈15	4° 5	0♈39	19°34	13°25	6°22	10°18	1° 7	4°31	6°12	6°29	7°16	8°56	T 5
W 6	14 53 31	14°56'22	24° 9	4°40	1°47	20° 7	13°40	6°28	10°17	1° 8	4°29	6° 1	6°26	7°22	9° 1	W 6
T 7	14 57 28	15°54'22	6♉52	5°10	2°54	20°41	13°54	6°34	10°16	1°10	4°28	5°48	6°23	7°29	9° 6	T 7
F 8	15 1 24	16°52'20	19°22	5°34	4° 1	21°14	14° 8	6°40	10°15	1°12	4°26	5°35	6°20	7°36	9°11	F 8
S 9	15 5 21	17°50'17	1♊41	5°54	5° 9	21°48	14°22	6°46	10°13	1°13	4°24	5°22	6°17	7°42	9°15	S 9
S 10	15 9 18	18°48'13	13°49	6° 8	6°17	22°22	14°37	6°52	10°12	1°15	4°23	5°12	6°14	7°49	9°20	S 10
M11	15 13 14	19°46'06	25°47	6°17	7°24	22°55	14°51	6°58	10°11	1°17	4°21	5° 3	6°10	7°56	9°25	M11
T 12	15 17 11	20°43'58	7♋39	6°R22	8°32	23°29	15° 5	7° 4	10°10	1°19	4°19	4°57	6° 7	8° 2	9°30	T 12
W13	15 21 7	21°41'49	19°26	6°21	9°40	24° 3	15°19	7°10	10° 9	1°20	4°18	4°54	6° 4	8° 9	9°35	W13
T 14	15 25 4	22°39'38	1♌14	6°16	10°48	24°37	15°34	7°16	10° 7	1°22	4°16	4°D53	6° 1	8°16	9°40	T 14
F 15	15 29 0	23°37'25	13° 8	6° 7	11°56	25°11	15°48	7°23	10° 6	1°24	4°15	4°53	5°58	8°22	9°45	F 15
S 16	15 32 57	24°35'10	25°12	5°52	13° 5	25°45	16° 2	7°29	10° 4	1°26	4°13	4°R54	5°55	8°29	9°50	S 16
S 17	15 36 53	25°32'54	7♍32	5°34	14°13	26°19	16°16	7°36	10° 3	1°28	4°11	4°53	5°51	8°36	9°55	S 17
M18	15 40 50	26°30'36	20°14	5°13	15°22	26°53	16°30	7°42	10° 1	1°30	4°10	4°51	5°48	8°42	10° 0	M18
T 19	15 44 47	27°28'16	3♎20	4°48	16°30	27°28	16°44	7°49	10° 0	1°32	4° 8	4°46	5°45	8°49	10° 5	T 19
W20	15 48 43	28°25'55	16°55	4°20	17°39	28° 2	16°58	7°55	9°58	1°33	4° 7	4°39	5°42	8°56	10°10	W20
T 21	15 52 40	29°23'33	0♏58	3°50	18°47	28°36	17°13	8° 2	9°57	1°35	4° 5	4°30	5°39	9° 2	10°15	T 21
F 22	15 56 36	0♊21'09	15°25	3°18	19°56	29°11	17°27	8° 9	9°55	1°37	4° 4	4°21	5°35	9° 9	10°20	F 22
S 23	16 0 33	1°18'44	0♐12	2°44	21° 5	29°45	17°41	8°15	9°53	1°39	4° 2	4°11	5°32	9°16	10°25	S 23
S 24	16 4 29	2°16'17	15°10	2°11	22°14	0♌20	17°55	8°22	9°52	1°41	4° 1	4° 3	5°29	9°22	10°31	S 24
M25	16 8 26	3°13'50	0♑11	1°37	23°23	0°54	18° 9	8°29	9°50	1°43	4° 0	3°57	5°26	9°29	10°36	M25
T 26	16 12 22	4°11'22	15° 4	1° 3	24°32	1°29	18°23	8°36	9°48	1°45	3°58	3°53	5°23	9°36	10°41	T 26
W27	16 16 19	5° 8'52	29°44	0°31	25°42	2° 3	18°37	8°43	9°46	1°47	3°57	3°D52	5°20	9°42	10°46	W27
T 28	16 20 16	6° 6'22	14♒ 6	0° 0	26°51	2°38	18°50	8°50	9°44	1°49	3°55	3°52	5°16	9°49	10°51	T 28
F 29	16 24 12	7° 3'51	28° 7	29♉32	28° 0	3°13	19° 4	8°57	9°42	1°51	3°54	3°53	5°13	9°56	10°56	F 29
S 30	16 28 9	8° 1'20	11♓49	29° 6	29°10	3°48	19°18	9° 4	9°41	1°54	3°53	3°R53	5°10	10° 2	11° 1	S 30
S 31	16 32 5	8♊58'47	25♓11	28♉43	0♉19	4♌22	19♉32	9♋11	9♏39	1♋56	3♏51	3♌52	5♌ 7	10♋ 9	11♊ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n52	16s29	0s59	22n58	2n39	2s39	1s15	24n 4	1n44	14n45	0s54	22n55	0s25	23s24	0s20	22n25	1s 3	2n54	16n55	18n40	18n37	20n44	17n17	4s32
S 2	15 10	12 59	2 8	23 9	2 38	2 16	1 18	23 59	1 44	14 49	0 54	22 55	0 25	23 24	0 20	22 26	1 3	2 54	16 55	18 41	18 38	20 44	17 18	4 32
S 3	15 28	8 51	3 8	23 17	2 36	1 52	1 21	23 54	1 43	14 54	0 54	22 55	0 25	23 24	0 20	22 26	1 3	2 55	16 55	18 41	18 39	20 45	17 19	4 32
M 4	15 46	4 22	3 57	23 22	2 33	1 28	1 24	23 49	1 43	14 58	0 54	22 55	0 25	23 24	0 20	22 26	1 2	2 55	16 55	18 43	18 40	20 45	17 19	4 32
T 5	16 3	0n16	4 33	23 26	2 29	1 4	1 27	23 43	1 42	15 2	0 53	22 55	0 24	23 25	0 20	22 26	1 2	2 55	16 55	18 45	18 41	20 45	17 20	4 32
W 6	16 20	4 49	4 54	23 27	2 23	0 40	1 30	23 38	1 41	15 7	0 53	22 55	0 24	23 25	0 20	22 26	1 2	2 56	16 55	18 48	18 41	20 46	17 21	4 32
T 7	16 37	9 5	5 0	23 26	2 17	0 16	1 32	23 32	1 41	15 11	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 56	16 55	18 51	18 42	20 46	17 22	4 32
F 8	16 54	12 54	4 52	23 23	2 9	0n 9	1 35	23 27	1 40	15 15	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 57	16 55	18 54	18 43	20 47	17 22	4 32
S 9	17 10	16 7	4 30	23 18	2 1	0 33	1 37	23 21	1 40	15 20	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 57	16 54	18 57	18 44	20 47	17 23	4 32
S 10	17 26	18 35	3 56	23 11	1 51	0 58	1 40	23 15	1 39	15 24	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 57	16 54	19 0	18 44	20 48	17 24	4 32
M11	17 42	20 13	3 12	23 2	1 40	1 23	1 42	23 9	1 39	15 28	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 58	16 54	19 2	18 45	20 48	17 25	4 32
T 12	17 58	20 56	2 19	22 51	1 28	1 48	1 44	23 2	1 38	15 32	0 53	22 53	0 24	23 25	0 20	22 26	1 2	2 58	16 54	19 3	18 46	20 48	17 25	4 32
W13	18 13	20 43	1 21	22 38	1 15	2 13	1 46	22 56	1 38	15 36	0 53	22 53	0 23	23 25	0 21	22 26	1 2	2 58	16 54	19 4	18 47	20 49	17 26	4 32
T 14	18 28	19 36	0 19	22 24	1 1	2 37	1 48	22 49	1 37	15 41	0 53	22 53	0 23	23 26	0 21	22 26	1 2	2 59	16 54	19 4	18 48	20 49	17 27	4 32
F 15	18 42	17 36	0n44	22 8	0 47	3 2	1 50	22 42	1 36	15 45	0 53	22 53	0 23	23 26	0 21	22 26	1 2	2 59	16 53	19 4	18 48	20 49	17 28	4 32
S 16	18 57	14 48	1 46	21 50	0 31	3 27	1 52	22 36	1 36	15 49	0 53	22 53	0 23	23 26	0 21	22 26	1 2	2 59	16 53	19 4	18 49	20 50	17 28	4 32
S 17	19 10	11 18	2 45	21 31	0 15	3 52	1 53	22 29	1 35	15 53	0 53	22 52	0 23	23 26	0 21	22 26	1 2	2 59	16 53	19 4	18 50	20 50	17 29	4 32
M18	19 24	7 12	3 37	21 11	0s 1	4 18	1 55	22 21	1 35	15 57	0 53	22 52	0 23	23 26	0 21	22 26	1 2	3 0	16 53	19 5	18 51	20 50	17 30	4 32
T 19	19 37	2 38	4 20	20 49	0 18	4 43	1 56	22 14	1 34	16 1	0 53	22 52	0 23	23 26	0 21	22 26	1 2	3 0	16 52	19 6	18 52	20 51	17 30	4 32
W20	19 50	2s12	4 49	20 27	0 36	5 8	1 57	22 7	1 34	16 5	0 53	22 51	0 23	23 26	0 21	22 26	1 2	3 0	16 52	19 8	18 52	20 51	17 31	4 32
T 21	20 3	7 5	5 3	20 4	0 53	5 33	1 59	21 59	1 33	16 9	0 53	22 51	0 23	23 27	0 21	22 26	1 2	3 0	16 52	19 10	18 53	20 52	17 32	4 32
F 22	20 15	11 43	4 58	19 41	1 11	5 58	2 0	21 52	1 33	16 13	0 53	22 51	0 22	23 27	0 21	22 26	1 2	3 1	16 52	19 12	18 54	20 52	17 32	4 32
S 23	20 27	15 46	4 33	19 18	1 28	6 23	2 1	21 44	1 32	16 17	0 53	22 51	0 22	23 27	0 21	22 26	1 2	3 1	16 51	19 14	18 55	20 52	17 33	4 32
S 24	20 39	18 50	3 50	18 54	1 45	6 47	2 1	21 36	1 32	16 21	0 53	22 50	0 22	23 27	0 21	22 26	1 2	3 1	16 51	19 16	18 55	20 53	17 34	4 32
M25	20 50	20 38	2 50	18 31	2 2	7 12	2 2	21 28	1 31	16 25	0 53	22 50	0 22	23 27	0 21	22 26	1 2	3 1	16 51	19 18	18 56	20 53	17 34	4 32
T 26	21 1	20 59	1 39	18 9	2 18	7 37	2 3	21 20	1 30	16 29	0 53	22 50	0 22	23 27	0 21	22 26	1 2	3 1	16 50	19 18	18 57	20 53	17 35	4 32
W27	21 11	19 52	0 22	17 48	2 33	8 2	2 3	21 11	1 30	16 33	0 53	22 49	0 22	23 27	0 21	22 26	1 2	3 1	16 50	19 19	18 58	20 54	17 36	4 32
T 28	21 21	17 30	0s55	17 27	2 47	8 26	2 4	21 3	1 29	16 36	0 53	22 49	0 22	23 28	0 21	22 26	1 2	3 1	16 50	19 19	18 59	20 54	17 36	4 32
F 29	21 31	14 7	2 6	17 8	3 0	8 51	2 4	20 54	1 29	16 40	0 52	22 49	0 22	23 28	0 21	22 26	1 2	3 2	16 49	19 18	18 59	20 54	17 37	4 32
S 30	21 41	10 3	3 9	16 51	3 12	9 15	2 5	20 46	1 28	16 44	0 52	22 48	0 22	23 28	0 21	22 26	1 2	3 2	16 49	19 18	19 0	20 54	17 38	4 32
S 31	21n50	5s35	4s 0	16n35	3s23	9n39	2s 5	20n37	1n28	16n48	0s52	22n48	0s21	23s28	0s21	22n26	1s 2	3n 2	16n49	19n19	19n 1	20n55	17n38	4s33

Julian Day Number = 2356336.5, Delta T = 13.09 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'04, Lahiri = 20°13'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

JUNE 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 36 2	9♊56'14	8♈17	28°R23	1♉29	4♌57	19♉46	9♋18	9°R37	1♋58	3°R50	3°R49	5♌ 4	10♋16	11♊12	M 1
T 2	16 39 58	10°53'40	21° 7	28♉ 8	2°39	5°32	20° 0	9°25	9♏35	2° 0	3♏49	3♌43	5° 1	10°22	11°17	T 2
W 3	16 43 55	11°51'06	3♉44	27°56	3°48	6° 7	20°13	9°33	9°33	2° 2	3°48	3°36	4°57	10°29	11°22	W 3
T 4	16 47 51	12°48'31	16°10	27°48	4°58	6°42	20°27	9°40	9°31	2° 4	3°46	3°27	4°54	10°36	11°27	T 4
F 5	16 51 48	13°45'55	28°25	27°D45	6° 8	7°17	20°41	9°47	9°28	2° 6	3°45	3°18	4°51	10°42	11°32	F 5
S 6	16 55 45	14°43'18	10♊31	27°46	7°18	7°53	20°54	9°54	9°26	2° 8	3°44	3° 9	4°48	10°49	11°38	S 6
S 7	16 59 41	15°40'41	22°30	27°52	8°28	8°28	21° 8	10° 2	9°24	2°10	3°43	3° 1	4°45	10°55	11°43	S 7
M 8	17 3 38	16°38'03	4♋22	28° 2	9°38	9° 3	21°21	10° 9	9°22	2°13	3°42	2°56	4°41	11° 2	11°48	M 8
T 9	17 7 34	17°35'24	16°10	28°16	10°48	9°38	21°35	10°17	9°20	2°15	3°41	2°52	4°38	11° 9	11°53	T 9
W10	17 11 31	18°32'44	27°57	28°35	11°58	10°14	21°48	10°24	9°18	2°17	3°40	2°D50	4°35	11°15	11°58	W10
T 11	17 15 27	19°30'03	9♌45	28°59	13° 8	10°49	22° 2	10°32	9°15	2°19	3°39	2°50	4°32	11°22	12° 3	T 11
F 12	17 19 24	20°27'22	21°39	29°27	14°19	11°24	22°15	10°39	9°13	2°21	3°38	2°52	4°29	11°29	12° 9	F 12
S 13	17 23 20	21°24'40	3♍44	29°59	15°29	12° 0	22°28	10°47	9°11	2°24	3°37	2°53	4°26	11°35	12°14	S 13
S 14	17 27 17	22°21'56	16° 3	0♊36	16°39	12°35	22°42	10°54	9° 9	2°26	3°36	2°54	4°22	11°42	12°19	S 14
M15	17 31 14	23°19'12	28°42	1°17	17°50	13°11	22°55	11° 2	9° 6	2°28	3°35	2°R54	4°19	11°49	12°24	M15
T 16	17 35 10	24°16'27	11♎46	2° 2	19° 0	13°47	23° 8	11° 9	9° 4	2°30	3°34	2°53	4°16	11°55	12°29	T 16
W17	17 39 7	25°13'42	25°16	2°52	20°11	14°22	23°21	11°17	9° 2	2°32	3°33	2°50	4°13	12° 2	12°34	W17
T 18	17 43 3	26°10'55	9♏16	3°45	21°21	14°58	23°34	11°24	8°59	2°35	3°32	2°46	4°10	12° 9	12°39	T 18
F 19	17 47 0	27° 8'08	23°43	4°42	22°32	15°34	23°47	11°32	8°57	2°37	3°31	2°41	4° 7	12°15	12°44	F 19
S 20	17 50 56	28° 5'21	8♐32	5°43	23°43	16° 9	24° 0	11°40	8°55	2°39	3°30	2°36	4° 3	12°22	12°49	S 20
S 21	17 54 53	29° 2'33	23°38	6°48	24°53	16°45	24°13	11°47	8°52	2°41	3°30	2°31	4° 0	12°29	12°54	S 21
M22	17 58 49	29°59'45	8♑50	7°57	26° 4	17°21	24°26	11°55	8°50	2°44	3°29	2°28	3°57	12°35	12°59	M22
T 23	18 2 46	0♋56'57	23°59	9° 9	27°15	17°57	24°38	12° 3	8°48	2°46	3°28	2°27	3°54	12°42	13° 4	T 23
W24	18 6 43	1°54'08	8♒56	10°26	28°26	18°33	24°51	12°11	8°45	2°48	3°27	2°D27	3°51	12°49	13° 9	W24
T 25	18 10 39	2°51'19	23°33	11°45	29°37	19° 9	25° 4	12°18	8°43	2°50	3°27	2°28	3°47	12°55	13°14	T 25
F 26	18 14 36	3°48'31	7♓47	13° 9	0♊48	19°45	25°16	12°26	8°40	2°52	3°26	2°29	3°44	13° 2	13°19	F 26
S 27	18 18 32	4°45'42	21°37	14°36	1°59	20°21	25°29	12°34	8°38	2°55	3°26	2°30	3°41	13° 9	13°24	S 27
S 28	18 22 29	5°42'54	5♈ 2	16° 6	3°10	20°57	25°41	12°42	8°35	2°57	3°25	2°R31	3°38	13°15	13°29	S 28
M29	18 26 25	6°40'05	18° 5	17°40	4°21	21°33	25°54	12°49	8°33	2°59	3°25	2°30	3°35	13°22	13°34	M29
T 30	18 30 22	7♋37'17	0♉49	19♊18	5♊32	22♌ 9	26♉ 6	12♋57	8♏31	3♋ 1	3♏24	2♌29	3♌32	13♋29	13♊39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n58	0s57	4s37	16n22	3s33	10n 3	2s 5	20n28	1n27	16n52	0s52	22n47	0s21	23s28	0s21	22n26	1s 2	3n 2	16n48	19n20	19n 2	20n55	17n39	4s33
T 2	22 6	3n38	4 59	16 10	3 42	10 27	2 5	20 19	1 27	16 55	0 52	22 47	0 21	23 28	0 21	22 26	1 2	3 2	16 48	19 21	19 2	20 55	17 40	4 33
W 3	22 14	7 58	5 6	16 0	3 49	10 51	2 5	20 9	1 26	16 59	0 52	22 47	0 21	23 29	0 21	22 26	1 2	3 2	16 47	19 23	19 3	20 56	17 40	4 33
T 4	22 22	11 55	4 59	15 52	3 55	11 14	2 5	20 0	1 26	17 3	0 52	22 46	0 21	23 29	0 21	22 26	1 2	3 2	16 47	19 25	19 4	20 56	17 41	4 33
F 5	22 29	15 19	4 38	15 47	4 0	11 38	2 4	19 51	1 25	17 6	0 52	22 46	0 21	23 29	0 21	22 26	1 2	3 2	16 47	19 27	19 5	20 56	17 41	4 33
S 6	22 36	18 1	4 4	15 44	4 4	12 1	2 4	19 41	1 25	17 10	0 52	22 45	0 21	23 29	0 21	22 26	1 2	3 2	16 46	19 29	19 5	20 56	17 42	4 33
S 7	22 42	19 55	3 20	15 42	4 6	12 24	2 3	19 31	1 24	17 13	0 52	22 45	0 21	23 29	0 21	22 26	1 2	3 2	16 46	19 31	19 6	20 57	17 42	4 33
M 8	22 48	20 56	2 28	15 43	4 8	12 46	2 3	19 22	1 23	17 17	0 52	22 44	0 21	23 29	0 21	22 26	1 2	3 2	16 45	19 32	19 7	20 57	17 43	4 33
T 9	22 53	21 1	1 29	15 46	4 8	13 9	2 2	19 12	1 23	17 20	0 52	22 44	0 20	23 30	0 21	22 26	1 2	3 2	16 45	19 33	19 8	20 57	17 44	4 33
W10	22 59	20 10	0 27	15 51	4 7	13 31	2 2	19 2	1 22	17 24	0 52	22 43	0 20	23 30	0 21	22 26	1 1	3 2	16 44	19 33	19 9	20 58	17 44	4 34
T 11	23 3	18 26	0n37	15 58	4 5	13 53	2 1	18 51	1 22	17 27	0 52	22 43	0 20	23 30	0 21	22 26	1 1	3 2	16 44	19 33	19 9	20 58	17 45	4 34
F 12	23 8	15 53	1 41	16 7	4 2	14 15	2 0	18 41	1 21	17 31	0 52	22 43	0 20	23 30	0 21	22 26	1 1	3 1	16 44	19 33	19 10	20 58	17 45	4 34
S 13	23 12	12 38	2 40	16 18	3 58	14 36	1 59	18 31	1 21	17 34	0 52	22 42	0 20	23 30	0 21	22 26	1 1	3 1	16 43	19 32	19 11	20 58	17 46	4 34
S 14	23 15	8 47	3 33	16 30	3 54	14 57	1 58	18 20	1 20	17 38	0 52	22 41	0 20	23 30	0 21	22 26	1 1	3 1	16 43	19 32	19 12	20 59	17 46	4 34
M15	23 18	4 28	4 18	16 43	3 48	15 18	1 57	18 9	1 20	17 41	0 52	22 41	0 20	23 31	0 21	22 26	1 1	3 1	16 42	19 32	19 12	20 59	17 47	4 34
T 16	23 21	0s12	4 51	16 58	3 42	15 38	1 56	17 59	1 19	17 44	0 52	22 40	0 20	23 31	0 21	22 25	1 1	3 1	16 42	19 32	19 13	20 59	17 47	4 34
W17	23 23	5 0	5 9	17 15	3 35	15 59	1 54	17 48	1 19	17 47	0 52	22 40	0 20	23 31	0 21	22 25	1 1	3 1	16 41	19 33	19 14	20 59	17 48	4 35
T 18	23 25	9 42	5 10	17 32	3 27	16 18	1 53	17 37	1 18	17 51	0 52	22 39	0 20	23 31	0 21	22 25	1 1	3 1	16 41	19 34	19 15	20 59	17 48	4 35
F 19	23 26	14 1	4 51	17 51	3 19	16 38	1 52	17 26	1 18	17 54	0 52	22 39	0 20	23 31	0 21	22 25	1 1	3 0	16 40	19 35	19 15	21 0	17 49	4 35
S 20	23 27	17 36	4 13	18 10	3 10	16 57	1 50	17 14	1 17	17 57	0 52	22 38	0 19	23 31	0 21	22 25	1 1	3 0	16 40	19 36	19 16	21 0	17 49	4 35
S 21	23 28	20 3	3 16	18 30	3 1	17 16	1 49	17 3	1 17	18 0	0 52	22 38	0 19	23 32	0 21	22 25	1 1	3 0	16 39	19 37	19 17	21 0	17 50	4 35
M22	23 28	21 5	2 6	18 51	2 51	17 34	1 47	16 52	1 16	18 3	0 52	22 37	0 19	23 32	0 21	22 25	1 1	3 0	16 39	19 38	19 18	21 0	17 50	4 35
T 23	23 28	20 35	0 46	19 13	2 40	17 52	1 45	16 40	1 15	18 6	0 52	22 36	0 19	23 32	0 21	22 25	1 1	2 59	16 38	19 38	19 18	21 0	17 50	4 36
W24	23 27	18 37	0s36	19 35	2 29	18 9	1 44	16 28	1 15	18 10	0 52	22 36	0 19	23 32	0 21	22 25	1 1	2 59	16 38	19 38	19 19	21 1	17 51	4 36
T 25	23 26	15 28	1 53	19 57	2 18	18 26	1 42	16 17	1 14	18 13	0 52	22 35	0 19	23 32	0 21	22 25	1 1	2 59	16 37	19 38	19 20	21 1	17 51	4 36
F 26	23 25	11 28	3 2	20 19	2 7	18 43	1 40	16 5	1 14	18 16	0 52	22 35	0 19	23 32	0 21	22 25	1 1	2 59	16 37	19 38	19 21	21 1	17 52	4 36
S 27	23 23	6 58	3 58	20 41	1 55	18 59	1 38	15 53	1 13	18 19	0 52	22 34	0 19	23 33	0 21	22 25	1 1	2 58	16 36	19 38	19 21	21 1	17 52	4 36
S 28	23 21	2 16	4 39	21 2	1 43	19 15	1 36	15 41	1 13	18 21	0 52	22 33	0 19	23 33	0 21	22 25	1 1	2 58	16 36	19 38	19 22	21 1	17 52	4 37
M29	23 18	2n24	5 5	21 24	1 31	19 30	1 34	15 29	1 12	18 24	0 52	22 33	0 19	23 33	0 21	22 25	1 1	2 58	16 35	19 38	19 23	21 2	17 53	4 37
T 30	23n15	6n52	5s14	21n44	1s18	19n45	1s32	15n16	1n12	18n27	0s52	22n32	0s18	23s33	0s21	22n25	1s 1	2n57	16n35	19n38	19n24	21n 2	17n53	4s37

Julian Day Number = 2356367.5, Delta T = 13.11 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'08, Lahiri = 20°13'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

JULY 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 34 18	8♋34'29	13♉16	20♊58	6♊44	22♌46	26♉18	13♋ 5	8°R28	3♋ 4	3°R24	2°R26	3♌28	13♋35	13♊44	W 1
T 2	18 38 15	9°31'42	25°31	22°42	7°55	23°22	26°30	13°13	8♏26	3° 6	3♏23	2♌23	3°25	13°42	13°49	T 2
F 3	18 42 12	10°28'55	7♊35	24°29	9° 6	23°58	26°43	13°21	8°23	3° 8	3°23	2°19	3°22	13°49	13°54	F 3
S 4	18 46 8	11°26'07	19°32	26°20	10°18	24°35	26°55	13°28	8°21	3°10	3°22	2°16	3°19	13°55	13°58	S 4
S 5	18 50 5	12°23'21	1♋23	28°13	11°29	25°11	27° 6	13°36	8°18	3°13	3°22	2°13	3°16	14° 2	14° 3	S 5
M 6	18 54 1	13°20'34	13°11	0♌ 8	12°41	25°48	27°18	13°44	8°16	3°15	3°22	2°11	3°13	14° 9	14° 8	M 6
T 7	18 57 58	14°17'47	24°58	2° 7	13°52	26°24	27°30	13°52	8°14	3°17	3°21	2°10	3° 9	14°15	14°13	T 7
W 8	19 1 54	15°15'01	6♌47	4° 7	15° 4	27° 1	27°42	14° 0	8°11	3°19	3°21	2°D10	3° 6	14°22	14°17	W 8
T 9	19 5 51	16°12'15	18°40	6°10	16°15	27°37	27°53	14° 7	8° 9	3°21	3°21	2°11	3° 3	14°28	14°22	T 9
F 10	19 9 48	17° 9'28	0♍39	8°14	17°27	28°14	28° 5	14°15	8° 6	3°24	3°21	2°12	3° 0	14°35	14°27	F 10
S 11	19 13 44	18° 6'42	12°48	10°20	18°39	28°50	28°16	14°23	8° 4	3°26	3°21	2°13	2°57	14°42	14°31	S 11
S 12	19 17 41	19° 3'56	25°11	12°26	19°51	29°27	28°28	14°31	8° 2	3°28	3°21	2°14	2°53	14°48	14°36	S 12
M13	19 21 37	20° 1'10	7♎51	14°34	21° 2	0♍ 4	28°39	14°39	7°59	3°30	3°21	2°15	2°50	14°55	14°40	M13
T 14	19 25 34	20°58'24	20°52	16°42	22°14	0°41	28°50	14°46	7°57	3°32	3°D21	2°R15	2°47	15° 2	14°45	T 14
W15	19 29 30	21°55'39	4♏17	18°51	23°26	1°17	29° 1	14°54	7°55	3°34	3°21	2°15	2°44	15° 8	14°49	W15
T 16	19 33 27	22°52'53	18° 7	20°59	24°38	1°54	29°12	15° 2	7°52	3°36	3°21	2°14	2°41	15°15	14°54	T 16
F 17	19 37 23	23°50'08	2♐24	23° 7	25°50	2°31	29°23	15°10	7°50	3°39	3°21	2°13	2°38	15°22	14°58	F 17
S 18	19 41 20	24°47'23	17° 3	25°15	27° 2	3° 8	29°34	15°18	7°48	3°41	3°21	2°13	2°34	15°28	15° 2	S 18
S 19	19 45 17	25°44'38	2♑ 1	27°22	28°14	3°45	29°45	15°25	7°45	3°43	3°21	2°12	2°31	15°35	15° 7	S 19
M20	19 49 13	26°41'54	17°10	29°28	29°26	4°22	29°55	15°33	7°43	3°45	3°21	2°11	2°28	15°42	15°11	M20
T 21	19 53 10	27°39'11	2♒21	1♌32	0♋38	4°59	0♊ 6	15°41	7°41	3°47	3°21	2°D11	2°25	15°48	15°15	T 21
W22	19 57 6	28°36'28	17°24	3°36	1°51	5°36	0°16	15°48	7°39	3°49	3°22	2°11	2°22	15°55	15°19	W22
T 23	20 1 3	29°33'45	2♓11	5°38	3° 3	6°13	0°27	15°56	7°37	3°51	3°22	2°12	2°19	16° 2	15°23	T 23
F 24	20 4 59	0♌31'04	16°37	7°39	4°15	6°51	0°37	16° 4	7°34	3°53	3°22	2°12	2°15	16° 8	15°28	F 24
S 25	20 8 56	1°28'23	0♈36	9°38	5°28	7°28	0°47	16°11	7°32	3°55	3°23	2°12	2°12	16°15	15°32	S 25
S 26	20 12 52	2°25'44	14° 9	11°36	6°40	8° 5	0°57	16°19	7°30	3°57	3°23	2°R12	2° 9	16°22	15°36	S 26
M27	20 16 49	3°23'05	27°16	13°32	7°52	8°42	1° 7	16°27	7°28	3°59	3°23	2°D12	2° 6	16°28	15°40	M27
T 28	20 20 46	4°20'28	10♉ 0	15°27	9° 5	9°20	1°17	16°34	7°26	4° 1	3°24	2°12	2° 3	16°35	15°44	T 28
W29	20 24 42	5°17'52	22°25	17°20	10°18	9°57	1°26	16°42	7°24	4° 3	3°24	2°12	1°59	16°41	15°48	W29
T 30	20 28 39	6°15'17	4♊35	19°11	11°30	10°34	1°36	16°49	7°22	4° 5	3°25	2°12	1°56	16°48	15°51	T 30
F 31	20 32 35	7♌12'43	16♊33	21♌ 1	12♋43	11♍12	1♊45	16♋57	7♑20	4♋ 7	3♏25	2♌13	1♌53	16♋55	15♊55	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n12	10n56	5s 9	22n 4	1s 6	19n59	1s30	15n 4	1n11	18n30	0s53	22n31	0s18	23s33	0s21	22n25	1s 1	2n57	16n34	19n39	19n24	21n 2	17n53	4s37
T 2	23 8	14 29	4 49	22 23	0 54	20 13	1 28	14 52	1 11	18 33	0 53	22 31	0 18	23 33	0 21	22 25	1 1	2 56	16 33	19 39	19 25	21 2	17 54	4 37
F 3	23 3	17 22	4 17	22 40	0 41	20 26	1 26	14 39	1 10	18 36	0 53	22 30	0 18	23 34	0 21	22 25	1 1	2 56	16 33	19 40	19 26	21 2	17 54	4 38
S 4	22 59	19 30	3 34	22 56	0 29	20 39	1 23	14 26	1 10	18 38	0 53	22 29	0 18	23 34	0 21	22 25	1 1	2 56	16 32	19 41	19 26	21 2	17 54	4 38
S 5	22 54	20 46	2 42	23 11	0 17	20 51	1 21	14 14	1 9	18 41	0 53	22 29	0 18	23 34	0 21	22 25	1 1	2 55	16 32	19 42	19 27	21 3	17 55	4 38
M 6	22 48	21 6	1 43	23 23	0 5	21 3	1 19	14 1	1 9	18 44	0 53	22 28	0 18	23 34	0 21	22 25	1 1	2 55	16 31	19 42	19 28	21 3	17 55	4 38
T 7	22 42	20 31	0 40	23 34	0n 7	21 14	1 16	13 48	1 8	18 46	0 53	22 27	0 18	23 34	0 21	22 25	1 1	2 54	16 31	19 42	19 29	21 3	17 55	4 39
W 8	22 36	19 1	0n26	23 42	0 18	21 25	1 14	13 35	1 8	18 49	0 53	22 26	0 18	23 34	0 21	22 25	1 1	2 54	16 30	19 42	19 29	21 3	17 56	4 39
T 9	22 29	16 41	1 30	23 48	0 28	21 35	1 11	13 22	1 7	18 52	0 53	22 26	0 18	23 35	0 21	22 25	1 1	2 53	16 30	19 42	19 30	21 3	17 56	4 39
F 10	22 22	13 37	2 31	23 51	0 39	21 44	1 9	13 9	1 6	18 54	0 53	22 25	0 18	23 35	0 21	22 24	1 1	2 53	16 29	19 42	19 31	21 3	17 56	4 39
S 11	22 15	9 57	3 27	23 52	0 48	21 53	1 6	12 55	1 6	18 57	0 53	22 24	0 18	23 35	0 21	22 24	1 1	2 52	16 28	19 42	19 32	21 3	17 56	4 40
S 12	22 7	5 48	4 14	23 50	0 57	22 1	1 4	12 42	1 5	18 59	0 53	22 23	0 17	23 35	0 21	22 24	1 1	2 52	16 28	19 41	19 32	21 3	17 57	4 40
M13	21 59	1 18	4 49	23 46	1 5	22 9	1 1	12 29	1 5	19 2	0 53	22 23	0 17	23 35	0 21	22 24	1 1	2 51	16 27	19 41	19 33	21 4	17 57	4 40
T 14	21 50	3s21	5 11	23 38	1 13	22 16	0 59	12 15	1 4	19 4	0 53	22 22	0 17	23 35	0 21	22 24	1 1	2 51	16 27	19 41	19 34	21 4	17 57	4 41
W15	21 41	7 59	5 17	23 28	1 20	22 22	0 56	12 1	1 4	19 6	0 53	22 21	0 17	23 35	0 21	22 24	1 1	2 50	16 26	19 41	19 35	21 4	17 57	4 41
T 16	21 32	12 22	5 5	23 15	1 26	22 28	0 54	11 48	1 3	19 9	0 53	22 20	0 17	23 36	0 21	22 24	1 1	2 50	16 25	19 41	19 35	21 4	17 57	4 41
F 17	21 22	16 11	4 35	22 59	1 31	22 34	0 51	11 34	1 3	19 11	0 53	22 20	0 17	23 36	0 21	22 24	1 1	2 49	16 25	19 41	19 36	21 4	17 58	4 42
S 18	21 12	19 6	3 45	22 41	1 36	22 38	0 48	11 20	1 2	19 13	0 53	22 19	0 17	23 36	0 21	22 24	1 1	2 49	16 24	19 42	19 37	21 4	17 58	4 42
S 19	21 1	20 47	2 40	22 21	1 40	22 42	0 45	11 6	1 2	19 15	0 53	22 18	0 17	23 36	0 21	22 24	1 1	2 48	16 24	19 42	19 37	21 4	17 58	4 42
M20	20 51	21 0	1 23	21 58	1 43	22 45	0 43	10 52	1 1	19 18	0 53	22 17	0 17	23 36	0 21	22 24	1 1	2 47	16 23	19 42	19 38	21 4	17 58	4 42
T 21	20 40	19 41	0s 1	21 33	1 45	22 48	0 40	10 38	1 1	19 20	0 53	22 16	0 17	23 36	0 21	22 24	1 1	2 47	16 23	19 42	19 39	21 4	17 58	4 43
W22	20 28	16 58	1 24	21 6	1 47	22 50	0 37	10 24	1 0	19 22	0 53	22 16	0 17	23 36	0 21	22 24	1 1	2 46	16 22	19 42	19 40	21 4	17 58	4 43
T 23	20 16	13 11	2 39	20 37	1 47	22 52	0 35	10 10	1 0	19 24	0 53	22 15	0 17	23 37	0 21	22 24	1 1	2 45	16 21	19 42	19 40	21 4	17 58	4 43
F 24	20 4	8 43	3 43	20 7	1 48	22 52	0 32	9 55	0 59	19 26	0 53	22 14	0 16	23 37	0 21	22 24	1 1	2 45	16 21	19 42	19 41	21 4	17 59	4 44
S 25	19 52	3 54	4 31	19 35	1 47	22 53	0 29	9 41	0 58	19 28	0 53	22 13	0 16	23 37	0 21	22 24	1 1	2 44	16 20	19 42	19 42	21 4	17 59	4 44
S 26	19 39	0n56	5 2	19 1	1 46	22 52	0 26	9 27	0 58	19 30	0 54	22 12	0 16	23 37	0 21	22 24	1 1	2 43	16 20	19 42	19 42	21 4	17 59	4 44
M27	19 26	5 35	5 17	18 27	1 44	22 51	0 23	9 12	0 57	19 32	0 54	22 11	0 16	23 37	0 21	22 23	1 1	2 43	16 19	19 42	19 43	21 5	17 59	4 45
T 28	19 12	9 51	5 15	17 51	1 42	22 49	0 21	8 58	0 57	19 34	0 54	22 11	0 16	23 37	0 21	22 23	1 1	2 42	16 18	19 42	19 44	21 5	17 59	4 45
W29	18 58	13 35	4 58	17 14	1 39	22 46	0 18	8 43	0 56	19 36	0 54	22 10	0 16	23 37	0 21	22 23	1 1	2 41	16 18	19 42	19 45	21 5	17 59	4 45
T 30	18 44	16 41	4 29	16 36	1 36	22 43	0 15	8 28	0 56	19 38	0 54	22 9	0 16	23 37	0 21	22 23	1 1	2 41	16 17	19 42	19 45	21 5	17 59	4 46
F 31	18n30	19n 1	3s48	15n58	1n32	22n39	0s12	8n14	0n55	19n40	0s54	22n 8	0s16	23s38	0s21	22n23	1s 1	2n40	16n17	19n42	19n46	21n 5	17n59	4s46

Julian Day Number = 2356397.5, Delta T = 13.13 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'13, Lahiri = 20°13'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

AUGUST 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 32	8♌10'10	28♊24	22♌49	13♋55	11♍49	1♊55	17♋ 4	7°R18	4♋ 9	3♏26	2♌13	1♌50	17♋ 1	15♊59	S 1
S 2	20 40 28	9° 7'39	10♋12	24°35	15° 8	12°27	2° 4	17°12	7♑16	4°11	3°27	2°14	1°47	17° 8	16° 3	S 2
M 3	20 44 25	10° 5'08	21°59	26°20	16°21	13° 5	2°13	17°19	7°14	4°13	3°27	2°15	1°44	17°15	16° 6	M 3
T 4	20 48 21	11° 2'39	3♌49	28° 4	17°34	13°42	2°22	17°27	7°12	4°15	3°28	2°R15	1°40	17°21	16°10	T 4
W 5	20 52 18	12° 0'11	15°44	29°45	18°47	14°20	2°31	17°34	7°10	4°17	3°29	2°14	1°37	17°28	16°13	W 5
T 6	20 56 15	12°57'44	27°45	1♍26	20° 0	14°58	2°39	17°41	7° 8	4°18	3°29	2°14	1°34	17°35	16°17	T 6
F 7	21 0 11	13°55'17	9♍55	3° 4	21°13	15°35	2°48	17°49	7° 7	4°20	3°30	2°12	1°31	17°41	16°20	F 7
S 8	21 4 8	14°52'52	22°16	4°41	22°26	16°13	2°56	17°56	7° 5	4°22	3°31	2°11	1°28	17°48	16°24	S 8
S 9	21 8 4	15°50'28	4♎49	6°17	23°39	16°51	3° 5	18° 3	7° 3	4°24	3°32	2° 9	1°24	17°55	16°27	S 9
M10	21 12 1	16°48'05	17°37	7°51	24°52	17°29	3°13	18°10	7° 1	4°26	3°33	2° 7	1°21	18° 1	16°30	M10
T 11	21 15 57	17°45'42	0♏42	9°23	26° 5	18° 7	3°21	18°17	7° 0	4°27	3°34	2° 6	1°18	18° 8	16°34	T 11
W12	21 19 54	18°43'21	14° 5	10°54	27°18	18°45	3°29	18°25	6°58	4°29	3°35	2°D 5	1°15	18°15	16°37	W12
T 13	21 23 50	19°41'01	27°48	12°23	28°31	19°23	3°37	18°32	6°57	4°31	3°36	2° 5	1°12	18°21	16°40	T 13
F 14	21 27 47	20°38'42	11♐52	13°51	29°44	20° 1	3°44	18°39	6°55	4°32	3°37	2° 6	1° 9	18°28	16°43	F 14
S 15	21 31 43	21°36'24	26°15	15°17	0♌58	20°39	3°52	18°46	6°54	4°34	3°38	2° 7	1° 5	18°35	16°46	S 15
S 16	21 35 40	22°34'07	10♑54	16°42	2°11	21°17	3°59	18°53	6°52	4°36	3°39	2° 8	1° 2	18°41	16°49	S 16
M17	21 39 37	23°31'51	25°46	18° 5	3°24	21°55	4° 6	19° 0	6°51	4°37	3°40	2°R 9	0°59	18°48	16°52	M17
T 18	21 43 33	24°29'36	10♒44	19°26	4°38	22°34	4°13	19° 7	6°49	4°39	3°41	2° 9	0°56	18°54	16°55	T 18
W19	21 47 30	25°27'23	25°39	20°45	5°51	23°12	4°20	19°13	6°48	4°41	3°42	2° 8	0°53	19° 1	16°57	W19
T 20	21 51 26	26°25'11	10♓24	22° 3	7° 5	23°50	4°27	19°20	6°47	4°42	3°43	2° 6	0°50	19° 8	17° 0	T 20
F 21	21 55 23	27°23'00	24°51	23°19	8°18	24°29	4°33	19°27	6°45	4°44	3°45	2° 2	0°46	19°14	17° 3	F 21
S 22	21 59 19	28°20'51	8♈56	24°33	9°32	25° 7	4°40	19°34	6°44	4°45	3°46	1°59	0°43	19°21	17° 5	S 22
S 23	22 3 16	29°18'44	22°34	25°45	10°45	25°45	4°46	19°40	6°43	4°47	3°47	1°55	0°40	19°28	17° 8	S 23
M24	22 7 12	0♍16'39	5♉46	26°56	11°59	26°24	4°52	19°47	6°42	4°48	3°48	1°52	0°37	19°34	17°10	M24
T 25	22 11 9	1°14'35	18°34	28° 4	13°13	27° 2	4°58	19°53	6°41	4°49	3°50	1°50	0°34	19°41	17°13	T 25
W26	22 15 6	2°12'34	1♊ 0	29°10	14°26	27°41	5° 4	20° 0	6°40	4°51	3°51	1°D49	0°30	19°48	17°15	W26
T 27	22 19 2	3°10'34	13° 9	0♎13	15°40	28°20	5°10	20° 6	6°39	4°52	3°53	1°50	0°27	19°54	17°17	T 27
F 28	22 22 59	4° 8'36	25° 6	1°14	16°54	28°58	5°15	20°13	6°38	4°54	3°54	1°51	0°24	20° 1	17°19	F 28
S 29	22 26 55	5° 6'40	6♋55	2°13	18° 8	29°37	5°20	20°19	6°37	4°55	3°56	1°53	0°21	20° 8	17°21	S 29
S 30	22 30 52	6° 4'46	18°43	3° 9	19°22	0♎16	5°25	20°25	6°36	4°56	3°57	1°54	0°18	20°14	17°23	S 30
M31	22 34 48	7♍ 2'54	0♌32	4♎ 2	20♌36	0♎55	5♊30	20♋32	6♑35	4♋57	3♏59	1°R55	0♌15	20♋21	17♊25	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n15	20n31	2s57	15n18	1n27	22n35	0s10	7n59	0n55	19n42	0s54	22n 7	0s16	23s38	0s21	22n23	1s 1	2n39	16n16	19n41	19n47	21n 5	17n59	4s47
S 2	18 0	21 6	1 59	14 39	1 23	22 30	0 7	7 44	0 54	19 43	0 54	22 6	0 16	23 38	0 21	22 23	1 1	2 38	16 16	19 41	19 47	21 5	17 59	4 47
M 3	17 45	20 44	0 57	13 58	1 17	22 24	0 4	7 29	0 54	19 45	0 54	22 5	0 16	23 38	0 21	22 23	1 1	2 38	16 15	19 41	19 48	21 5	17 59	4 47
T 4	17 29	19 28	0n 9	13 17	1 12	22 18	0 1	7 14	0 53	19 47	0 54	22 5	0 16	23 38	0 21	22 23	1 1	2 37	16 14	19 41	19 49	21 5	17 59	4 48
W 5	17 13	17 19	1 14	12 36	1 6	22 10	0n 1	6 59	0 53	19 48	0 54	22 4	0 15	23 38	0 21	22 23	1 1	2 36	16 14	19 41	19 50	21 5	17 59	4 48
T 6	16 57	14 25	2 17	11 55	1 0	22 3	0 4	6 44	0 52	19 50	0 54	22 3	0 15	23 38	0 21	22 23	1 1	2 35	16 13	19 41	19 50	21 5	17 59	4 48
F 7	16 40	10 51	3 14	11 13	0 53	21 54	0 7	6 29	0 51	19 52	0 54	22 2	0 15	23 38	0 21	22 23	1 1	2 35	16 13	19 42	19 51	21 5	17 59	4 49
S 8	16 24	6 48	4 3	10 31	0 46	21 45	0 9	6 14	0 51	19 53	0 54	22 1	0 15	23 38	0 21	22 23	1 1	2 34	16 12	19 42	19 52	21 5	17 59	4 49
S 9	16 7	2 23	4 41	9 49	0 39	21 36	0 12	5 58	0 50	19 55	0 54	22 0	0 15	23 38	0 21	22 23	1 1	2 33	16 11	19 43	19 52	21 5	17 59	4 50
M10	15 49	2s12	5 6	9 7	0 31	21 25	0 14	5 43	0 50	19 56	0 55	21 59	0 15	23 38	0 21	22 22	1 1	2 32	16 11	19 43	19 53	21 5	17 59	4 50
T 11	15 32	6 47	5 16	8 26	0 24	21 14	0 17	5 28	0 49	19 58	0 55	21 58	0 15	23 39	0 21	22 22	1 1	2 31	16 10	19 43	19 54	21 5	17 59	4 50
W12	15 14	11 10	5 9	7 44	0 16	21 3	0 20	5 12	0 49	19 59	0 55	21 57	0 15	23 39	0 21	22 22	1 1	2 31	16 10	19 43	19 54	21 5	17 58	4 51
T 13	14 56	15 4	4 45	7 2	0 8	20 51	0 22	4 57	0 48	20 0	0 55	21 57	0 15	23 39	0 21	22 22	1 1	2 30	16 9	19 43	19 55	21 5	17 58	4 51
F 14	14 38	18 13	4 3	6 21	0s 1	20 38	0 25	4 41	0 48	20 2	0 55	21 56	0 15	23 39	0 21	22 22	1 1	2 29	16 9	19 43	19 56	21 5	17 58	4 52
S 15	14 19	20 20	3 6	5 40	0 9	20 25	0 27	4 26	0 47	20 3	0 55	21 55	0 15	23 39	0 21	22 22	1 2	2 28	16 8	19 43	19 57	21 4	17 58	4 52
S 16	14 1	21 7	1 55	4 59	0 18	20 11	0 30	4 10	0 47	20 4	0 55	21 54	0 15	23 39	0 21	22 22	1 2	2 27	16 8	19 43	19 57	21 4	17 58	4 53
M17	13 42	20 27	0 35	4 18	0 27	19 56	0 32	3 55	0 46	20 6	0 55	21 53	0 15	23 39	0 21	22 22	1 2	2 26	16 7	19 42	19 58	21 4	17 58	4 53
T 18	13 23	18 19	0s47	3 38	0 36	19 41	0 34	3 39	0 45	20 7	0 55	21 52	0 14	23 39	0 21	22 22	1 2	2 25	16 7	19 42	19 59	21 4	17 58	4 53
W19	13 3	14 58	2 6	2 59	0 45	19 26	0 37	3 23	0 45	20 8	0 55	21 51	0 14	23 39	0 21	22 22	1 2	2 24	16 6	19 43	19 59	21 4	17 57	4 54
T 20	12 44	10 41	3 15	2 19	0 54	19 9	0 39	3 8	0 44	20 9	0 55	21 50	0 14	23 39	0 21	22 22	1 2	2 24	16 5	19 43	20 0	21 4	17 57	4 54
F 21	12 24	5 53	4 11	1 41	1 4	18 53	0 41	2 52	0 44	20 10	0 55	21 49	0 14	23 39	0 21	22 22	1 2	2 23	16 5	19 44	20 1	21 4	17 57	4 55
S 22	12 4	0 53	4 49	1 3	1 13	18 35	0 43	2 36	0 43	20 11	0 55	21 49	0 14	23 39	0 21	22 22	1 2	2 22	16 4	19 45	20 1	21 4	17 57	4 55
S 23	11 44	4n 0	5 10	0 26	1 23	18 17	0 46	2 21	0 43	20 13	0 56	21 48	0 14	23 39	0 21	22 22	1 2	2 21	16 4	19 46	20 2	21 4	17 57	4 56
M24	11 23	8 32	5 13	0s11	1 32	17 59	0 48	2 5	0 42	20 14	0 56	21 47	0 14	23 39	0 21	22 21	1 2	2 20	16 3	19 46	20 3	21 4	17 56	4 56
T 25	11 3	12 33	5 1	0 47	1 41	17 40	0 50	1 49	0 42	20 15	0 56	21 46	0 14	23 39	0 21	22 21	1 2	2 19	16 3	19 47	20 3	21 4	17 56	4 57
W26	10 42	15 55	4 34	1 22	1 51	17 21	0 52	1 33	0 41	20 15	0 56	21 45	0 14	23 40	0 21	22 21	1 2	2 18	16 2	19 47	20 4	21 4	17 56	4 57
T 27	10 21	18 30	3 56	1 56	2 0	17 1	0 54	1 17	0 41	20 16	0 56	21 44	0 14	23 40	0 21	22 21	1 2	2 17	16 2	19 47	20 5	21 4	17 56	4 57
F 28	10 0	20 15	3 8	2 29	2 10	16 41	0 56	1 1	0 40	20 17	0 56	21 43	0 14	23 40	0 21	22 21	1 2	2 16	16 1	19 47	20 6	21 3	17 55	4 58
S 29	9 39	21 5	2 13	3 1	2 19	16 20	0 58	0 45	0 39	20 18	0 56	21 42	0 14	23 40	0 21	22 21	1 2	2 15	16 1	19 46	20 6	21 3	17 55	4 58
S 30	9 18	20 59	1 12	3 31	2 28	15 58	0 59	0 29	0 39	20 19	0 56	21 42	0 14	23 40	0 21	22 21	1 2	2 14	16 0	19 46	20 7	21 3	17 55	4 59
M31	8n56	19n57	0s 8	4s 1	2s37	15n37	1n 1	0n13	0n38	20n20	0s56	21n41	0s14	23s40	0s21	22n21	1s 2	2n14	16n 0	19n46	20n 8	21n 3	17n55	4s59

Julian Day Number = 2356428.5, Delta T = 13.15 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'17, Lahiri = 20°13'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

SEPTEMBER 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 38 45	8♍ 1'04	12♌26	4♎52	21♌50	1♎33	5♊35	20♋38	6°R34	4♋59	4♏ 0	1°R54	0♌11	20♋28	17♊27	T 1
W 2	22 42 41	8°59'15	24°29	5°39	23° 4	2°12	5°40	20°44	6♑34	5° 0	4° 2	1♌52	0° 8	20°34	17°29	W 2
T 3	22 46 38	9°57'28	6♍42	6°23	24°18	2°51	5°44	20°50	6°33	5° 1	4° 3	1°48	0° 5	20°41	17°31	T 3
F 4	22 50 35	10°55'43	19° 8	7° 2	25°32	3°30	5°48	20°56	6°32	5° 2	4° 5	1°42	0° 2	20°47	17°33	F 4
S 5	22 54 31	11°54'00	1♎47	7°38	26°46	4° 9	5°52	21° 2	6°32	5° 3	4° 7	1°36	29♋59	20°54	17°34	S 5
S 6	22 58 28	12°52'18	14°38	8° 9	28° 0	4°48	5°56	21° 8	6°31	5° 4	4° 8	1°28	29°56	21° 1	17°36	S 6
M 7	23 2 24	13°50'38	27°43	8°36	29°14	5°28	6° 0	21°13	6°31	5° 5	4°10	1°22	29°52	21° 7	17°37	M 7
T 8	23 6 21	14°49'00	11♏ 1	8°58	0♍29	6° 7	6° 4	21°19	6°30	5° 6	4°12	1°16	29°49	21°14	17°39	T 8
W 9	23 10 17	15°47'24	24°32	9°15	1°43	6°46	6° 7	21°25	6°30	5° 7	4°13	1°12	29°46	21°21	17°40	W 9
T 10	23 14 14	16°45'49	8♐15	9°26	2°57	7°25	6°10	21°30	6°30	5° 8	4°15	1°10	29°43	21°27	17°41	T 10
F 11	23 18 10	17°44'15	22°11	9°R32	4°11	8° 5	6°13	21°36	6°29	5° 9	4°17	1°D10	29°40	21°34	17°42	F 11
S 12	23 22 7	18°42'43	6♑20	9°31	5°26	8°44	6°16	21°41	6°29	5°10	4°19	1°11	29°36	21°41	17°44	S 12
S 13	23 26 4	19°41'13	20°40	9°24	6°40	9°23	6°18	21°46	6°29	5°11	4°21	1°12	29°33	21°47	17°45	S 13
M14	23 30 0	20°39'45	5♒ 8	9°10	7°55	10° 3	6°21	21°52	6°29	5°12	4°23	1°R12	29°30	21°54	17°46	M14
T 15	23 33 57	21°38'18	19°42	8°49	9° 9	10°42	6°23	21°57	6°29	5°13	4°25	1°11	29°27	22° 1	17°46	T 15
W16	23 37 53	22°36'52	4♓17	8°21	10°23	11°22	6°25	22° 2	6°D29	5°14	4°26	1° 7	29°24	22° 7	17°47	W16
T 17	23 41 50	23°35'29	18°45	7°46	11°38	12° 1	6°27	22° 7	6°29	5°14	4°28	1° 1	29°21	22°14	17°48	T 17
F 18	23 45 46	24°34'07	3♈ 1	7° 4	12°52	12°41	6°28	22°12	6°29	5°15	4°30	0°53	29°17	22°21	17°49	F 18
S 19	23 49 43	25°32'48	16°59	6°16	14° 7	13°21	6°30	22°17	6°29	5°16	4°32	0°44	29°14	22°27	17°49	S 19
S 20	23 53 39	26°31'31	0♉36	5°22	15°22	14° 0	6°31	22°22	6°29	5°16	4°34	0°35	29°11	22°34	17°50	S 20
M21	23 57 36	27°30'15	13°48	4°22	16°36	14°40	6°32	22°27	6°29	5°17	4°36	0°27	29° 8	22°40	17°50	M21
T 22	0 1 32	28°29'02	26°37	3°19	17°51	15°20	6°33	22°31	6°30	5°17	4°38	0°20	29° 5	22°47	17°50	T 22
W23	0 5 29	29°27'52	9♊ 4	2°14	19° 6	16° 0	6°33	22°36	6°30	5°18	4°40	0°16	29° 1	22°54	17°51	W23
T 24	0 9 26	0♎26'43	21°14	1° 7	20°20	16°40	6°34	22°40	6°30	5°19	4°43	0°14	28°58	23° 0	17°51	T 24
F 25	0 13 22	1°25'37	3♋12	0° 0	21°35	17°20	6°34	22°45	6°31	5°19	4°45	0°D13	28°55	23° 7	17°51	F 25
S 26	0 17 19	2°24'33	15° 2	28♍56	22°50	18° 0	6°R34	22°49	6°31	5°20	4°47	0°14	28°52	23°14	17°R51	S 26
S 27	0 21 15	3°23'32	26°49	27°56	24° 4	18°40	6°34	22°53	6°32	5°20	4°49	0°R14	28°49	23°20	17°51	S 27
M28	0 25 12	4°22'32	8♌40	27° 1	25°19	19°20	6°34	22°57	6°33	5°20	4°51	0°14	28°46	23°27	17°51	M28
T 29	0 29 8	5°21'35	20°39	26°14	26°34	20° 0	6°33	23° 1	6°33	5°21	4°53	0°12	28°42	23°34	17°51	T 29
W30	0 33 5	6♎20'40	2♍50	25♍35	27♍49	20♎40	6♊32	23♋ 5	6♑34	5♋21	4♏55	0♌ 7	28♋39	23♋40	17♊51	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n34	18n 1	0n57	4s29	2s46	15n14	1n 3	0s 3	0n38	20n21	0s56	21n40	0s13	23s40	0s21	22n21	1s 2	2n13	15n59	19n46	20n 8	21n 3	17n54	5s 0
W 2	8 13	15 16	2 0	4 55	2 55	14 52	1 5	0 19	0 37	20 21	0 56	21 39	0 13	23 40	0 21	22 21	1 2	2 12	15 59	19 46	20 9	21 3	17 54	5 0
T 3	7 51	11 49	2 58	5 20	3 3	14 29	1 6	0 35	0 37	20 22	0 56	21 38	0 13	23 40	0 21	22 21	1 2	2 11	15 58	19 47	20 10	21 3	17 54	5 1
F 4	7 29	7 49	3 49	5 44	3 12	14 5	1 8	0 51	0 36	20 23	0 57	21 37	0 13	23 40	0 21	22 21	1 2	2 10	15 58	19 48	20 10	21 3	17 53	5 1
S 5	7 6	3 24	4 29	6 5	3 19	13 42	1 9	1 7	0 36	20 23	0 57	21 37	0 13	23 40	0 21	22 21	1 2	2 9	15 58	19 50	20 11	21 2	17 53	5 2
S 6	6 44	1s13	4 56	6 24	3 27	13 17	1 11	1 23	0 35	20 24	0 57	21 36	0 13	23 40	0 21	22 21	1 2	2 8	15 57	19 52	20 12	21 2	17 53	5 2
M 7	6 22	5 52	5 9	6 41	3 34	12 53	1 12	1 39	0 34	20 24	0 57	21 35	0 13	23 40	0 21	22 21	1 2	2 7	15 57	19 53	20 12	21 2	17 52	5 3
T 8	5 59	10 19	5 5	6 56	3 40	12 28	1 13	1 55	0 34	20 25	0 57	21 34	0 13	23 40	0 21	22 20	1 2	2 6	15 56	19 54	20 13	21 2	17 52	5 3
W 9	5 37	14 20	4 44	7 8	3 46	12 2	1 15	2 11	0 33	20 25	0 57	21 33	0 13	23 40	0 21	22 20	1 2	2 5	15 56	19 55	20 14	21 2	17 52	5 4
T 10	5 14	17 39	4 7	7 17	3 51	11 37	1 16	2 27	0 33	20 26	0 57	21 32	0 13	23 40	0 21	22 20	1 2	2 4	15 55	19 56	20 14	21 2	17 51	5 4
F 11	4 51	20 0	3 15	7 23	3 55	11 11	1 17	2 43	0 32	20 26	0 57	21 32	0 13	23 40	0 21	22 20	1 2	2 3	15 55	19 56	20 15	21 1	17 51	5 5
S 12	4 28	21 9	2 10	7 26	3 59	10 45	1 18	2 59	0 32	20 27	0 57	21 31	0 13	23 40	0 21	22 20	1 2	2 2	15 55	19 55	20 16	21 1	17 50	5 5
S 13	4 5	20 57	0 57	7 25	4 1	10 18	1 19	3 15	0 31	20 27	0 57	21 30	0 13	23 40	0 21	22 20	1 2	2 1	15 54	19 55	20 16	21 1	17 50	5 6
M14	3 42	19 21	0s21	7 21	4 2	9 51	1 20	3 31	0 30	20 27	0 57	21 29	0 12	23 40	0 21	22 20	1 2	2 0	15 54	19 55	20 17	21 1	17 50	5 6
T 15	3 19	16 29	1 38	7 12	4 2	9 24	1 21	3 47	0 30	20 28	0 58	21 29	0 12	23 40	0 21	22 20	1 2	1 59	15 53	19 55	20 18	21 1	17 49	5 7
W16	2 56	12 34	2 48	7 0	4 0	8 57	1 22	4 3	0 29	20 28	0 58	21 28	0 12	23 40	0 21	22 20	1 2	1 58	15 53	19 56	20 18	21 0	17 49	5 7
T 17	2 33	7 56	3 47	6 43	3 57	8 29	1 23	4 19	0 29	20 28	0 58	21 27	0 12	23 40	0 21	22 20	1 2	1 57	15 53	19 58	20 19	21 0	17 48	5 8
F 18	2 10	2 56	4 31	6 22	3 52	8 1	1 23	4 35	0 28	20 28	0 58	21 26	0 12	23 40	0 21	22 20	1 2	1 56	15 52	19 59	20 20	21 0	17 48	5 8
S 19	1 46	2n 6	4 57	5 56	3 45	7 33	1 24	4 51	0 28	20 28	0 58	21 26	0 12	23 40	0 21	22 20	1 2	1 55	15 52	20 1	20 20	21 0	17 47	5 9
S 20	1 23	6 55	5 6	5 27	3 37	7 4	1 24	5 7	0 27	20 29	0 58	21 25	0 12	23 40	0 21	22 20	1 2	1 54	15 51	20 3	20 21	21 0	17 47	5 9
M21	1 0	11 16	4 58	4 53	3 26	6 36	1 25	5 23	0 27	20 29	0 58	21 24	0 12	23 40	0 21	22 20	1 2	1 53	15 51	20 5	20 22	20 59	17 47	5 10
T 22	0 36	14 58	4 35	4 17	3 13	6 7	1 25	5 39	0 26	20 29	0 58	21 24	0 12	23 40	0 21	22 20	1 2	1 52	15 51	20 6	20 22	20 59	17 46	5 10
W23	0 13	17 54	3 59	3 37	2 59	5 38	1 26	5 55	0 25	20 29	0 58	21 23	0 12	23 40	0 21	22 20	1 2	1 51	15 50	20 7	20 23	20 59	17 46	5 11
T 24	0s11	19 58	3 13	2 56	2 43	5 9	1 26	6 11	0 25	20 29	0 58	21 22	0 12	23 40	0 21	22 20	1 2	1 50	15 50	20 8	20 24	20 59	17 45	5 11
F 25	0 34	21 6	2 20	2 13	2 25	4 40	1 26	6 26	0 24	20 29	0 58	21 22	0 12	23 40	0 21	22 20	1 2	1 49	15 50	20 8	20 24	20 58	17 45	5 12
S 26	0 58	21 17	1 21	1 31	2 7	4 10	1 26	6 42	0 24	20 29	0 58	21 21	0 12	23 40	0 21	22 19	1 2	1 48	15 49	20 8	20 25	20 58	17 44	5 12
S 27	1 21	20 31	0 18	0 49	1 47	3 41	1 27	6 58	0 23	20 28	0 58	21 20	0 12	23 40	0 21	22 19	1 2	1 47	15 49	20 8	20 26	20 58	17 44	5 13
M28	1 44	18 50	0n45	0 8	1 27	3 11	1 27	7 14	0 23	20 28	0 59	21 20	0 11	23 40	0 21	22 19	1 2	1 46	15 49	20 8	20 26	20 58	17 43	5 13
T 29	2 8	16 19	1 47	0n29	1 6	2 41	1 27	7 30	0 22	20 28	0 59	21 19	0 11	23 40	0 21	22 19	1 3	1 45	15 49	20 8	20 27	20 57	17 43	5 14
W30	2s31	13n 2	2n45	1n 3	0s46	2n11	1n26	7s45	0n21	20n28	0s59	21n18	0s11	23s39	0s21	22n19	1s 3	1n45	15n48	20n 9	20n27	20n57	17n42	5s14

Julian Day Number = 2356459.5, Delta T = 13.17 sec
Ecliptic obliquity = 23°28'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'21, Lahiri = 20°13'22Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1739
geocentric

OCTOBER 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 1	7♎19'48	15♍15	25°R 5	29♍ 4	21♎21	6°R31	23♋ 9	6♑35	5♋21	4♏58	0°R 0	28♋36	23♋47	17°R50	T 1
F 2	0 40 58	8°18'57	27°57	24♍45	0♎19	22° 1	6♊30	23°13	6°35	5°22	5° 0	29♋51	28°33	23°54	17♊50	F 2
S 3	0 44 55	9°18'09	10♎56	24°D36	1°34	22°41	6°29	23°17	6°36	5°22	5° 2	29°39	28°30	24° 0	17°49	S 3
S 4	0 48 51	10°17'22	24°11	24°38	2°49	23°22	6°27	23°20	6°37	5°22	5° 4	29°27	28°27	24° 7	17°49	S 4
M 5	0 52 48	11°16'38	7♏39	24°50	4° 4	24° 2	6°25	23°24	6°38	5°22	5° 7	29°16	28°23	24°13	17°48	M 5
T 6	0 56 44	12°15'56	21°19	25°12	5°19	24°43	6°23	23°27	6°39	5°22	5° 9	29° 6	28°20	24°20	17°47	T 6
W 7	1 0 41	13°15'15	5♐ 8	25°44	6°34	25°23	6°21	23°30	6°40	5°22	5°11	28°58	28°17	24°27	17°46	W 7
T 8	1 4 37	14°14'36	19° 4	26°26	7°49	26° 4	6°19	23°34	6°41	5°22	5°13	28°53	28°14	24°33	17°46	T 8
F 9	1 8 34	15°14'00	3♑ 4	27°16	9° 4	26°45	6°16	23°37	6°42	5°R22	5°16	28°51	28°11	24°40	17°45	F 9
S 10	1 12 30	16°13'24	17° 8	28°13	10°19	27°25	6°13	23°40	6°44	5°22	5°18	28°D51	28° 7	24°47	17°44	S 10
S 11	1 16 27	17°12'51	1♒15	29°17	11°34	28° 6	6°10	23°43	6°45	5°22	5°20	28°R51	28° 4	24°53	17°43	S 11
M12	1 20 24	18°12'19	15°24	0♎28	12°49	28°47	6° 7	23°45	6°46	5°22	5°23	28°50	28° 1	25° 0	17°41	M12
T 13	1 24 20	19°11'49	29°34	1°44	14° 4	29°28	6° 4	23°48	6°47	5°22	5°25	28°47	27°58	25° 7	17°40	T 13
W14	1 28 17	20°11'21	13♓42	3° 4	15°19	0♏ 9	6° 0	23°51	6°49	5°22	5°27	28°42	27°55	25°13	17°39	W14
T 15	1 32 13	21°10'55	27°45	4°29	16°34	0°50	5°56	23°53	6°50	5°22	5°30	28°33	27°52	25°20	17°37	T 15
F 16	1 36 10	22°10'30	11♈39	5°57	17°49	1°31	5°52	23°55	6°52	5°22	5°32	28°22	27°48	25°27	17°36	F 16
S 17	1 40 6	23°10'08	25°19	7°27	19° 4	2°12	5°48	23°58	6°53	5°21	5°35	28°10	27°45	25°33	17°34	S 17
S 18	1 44 3	24° 9'47	8♉42	9° 0	20°19	2°53	5°44	24° 0	6°55	5°21	5°37	27°57	27°42	25°40	17°33	S 18
M19	1 47 59	25° 9'29	21°46	10°35	21°35	3°34	5°40	24° 2	6°56	5°21	5°39	27°45	27°39	25°46	17°31	M19
T 20	1 51 56	26° 9'13	4♊30	12°12	22°50	4°15	5°35	24° 4	6°58	5°20	5°42	27°35	27°36	25°53	17°29	T 20
W21	1 55 53	27° 8'59	16°56	13°49	24° 5	4°56	5°30	24° 6	7° 0	5°20	5°44	27°27	27°32	26° 0	17°27	W21
T 22	1 59 49	28° 8'47	29° 5	15°28	25°20	5°38	5°25	24° 8	7° 2	5°19	5°47	27°23	27°29	26° 6	17°26	T 22
F 23	2 3 46	29° 8'37	11♋ 2	17° 7	26°35	6°19	5°20	24° 9	7° 3	5°19	5°49	27°20	27°26	26°13	17°24	F 23
S 24	2 7 42	0♏ 8'30	22°51	18°46	27°51	7° 0	5°15	24°11	7° 5	5°19	5°51	27°20	27°23	26°20	17°22	S 24
S 25	2 11 39	1° 8'25	4♌39	20°26	29° 6	7°42	5° 9	24°12	7° 7	5°18	5°54	27°20	27°20	26°26	17°19	S 25
M26	2 15 35	2° 8'22	16°30	22° 6	0♏21	8°23	5° 3	24°13	7° 9	5°17	5°56	27°19	27°17	26°33	17°17	M26
T 27	2 19 32	3° 8'21	28°31	23°46	1°36	9° 5	4°58	24°15	7°11	5°17	5°59	27°17	27°13	26°40	17°15	T 27
W28	2 23 28	4° 8'22	10♍45	25°26	2°52	9°47	4°52	24°16	7°13	5°16	6° 1	27°13	27°10	26°46	17°13	W28
T 29	2 27 25	5° 8'25	23°17	27° 6	4° 7	10°28	4°46	24°17	7°15	5°16	6° 4	27° 5	27° 7	26°53	17°10	T 29
F 30	2 31 22	6° 8'31	6♎11	28°46	5°22	11°10	4°39	24°17	7°17	5°15	6° 6	26°55	27° 4	27° 0	17° 8	F 30
S 31	2 35 18	7♏ 8'38	19♎26	0♏25	6♏37	11♏52	4♊33	24♋18	7♑20	5♋14	6♏ 8	26♋44	27♋ 1	27♋ 6	17♊ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s55	9n 8	3n36	1n33	0s26	1n42	1n26	8s 1	0n21	20n28	0s59	21n18	0s11	23s39	0s21	22n19	1s 3	1n44	15n48	20n11	20n28	20n57	17n42	5s15
F 2	3 18	4 45	4 17	1 59	0 7	1 11	1 26	8 16	0 20	20 27	0 59	21 17	0 11	23 39	0 21	22 19	1 3	1 43	15 48	20 13	20 29	20 57	17 41	5 15
S 3	3 41	0 3	4 46	2 19	0n11	0 41	1 26	8 32	0 20	20 27	0 59	21 17	0 11	23 39	0 21	22 19	1 3	1 42	15 47	20 15	20 29	20 56	17 41	5 16
S 4	4 5	4s44	5 1	2 34	0 28	0 11	1 25	8 48	0 19	20 27	0 59	21 16	0 11	23 39	0 21	22 19	1 3	1 41	15 47	20 18	20 30	20 56	17 40	5 16
M 5	4 28	9 22	4 59	2 43	0 43	0s19	1 25	9 3	0 18	20 26	0 59	21 16	0 11	23 39	0 21	22 19	1 3	1 40	15 47	20 20	20 31	20 56	17 39	5 17
T 6	4 51	13 37	4 40	2 47	0 57	0 49	1 24	9 18	0 18	20 26	0 59	21 15	0 11	23 39	0 21	22 19	1 3	1 39	15 47	20 22	20 31	20 55	17 39	5 17
W 7	5 14	17 11	4 4	2 46	1 10	1 19	1 24	9 34	0 17	20 26	0 59	21 15	0 11	23 39	0 21	22 19	1 3	1 38	15 46	20 24	20 32	20 55	17 38	5 17
T 8	5 37	19 48	3 14	2 40	1 21	1 50	1 23	9 49	0 17	20 25	0 59	21 14	0 11	23 39	0 21	22 19	1 3	1 37	15 46	20 25	20 33	20 55	17 38	5 18
F 9	6 0	21 14	2 12	2 29	1 31	2 20	1 23	10 4	0 16	20 25	0 59	21 14	0 11	23 39	0 21	22 19	1 3	1 36	15 46	20 25	20 33	20 55	17 37	5 18
S 10	6 23	21 21	1 2	2 13	1 39	2 50	1 22	10 20	0 16	20 24	0 59	21 13	0 11	23 39	0 21	22 19	1 3	1 35	15 46	20 25	20 34	20 54	17 37	5 19
S 11	6 46	20 7	0s13	1 54	1 46	3 20	1 21	10 35	0 15	20 24	0 59	21 13	0 10	23 39	0 21	22 19	1 3	1 34	15 46	20 25	20 35	20 54	17 36	5 19
M12	7 9	17 37	1 27	1 31	1 51	3 50	1 20	10 50	0 14	20 23	0 59	21 13	0 10	23 39	0 21	22 19	1 3	1 33	15 45	20 25	20 35	20 54	17 35	5 20
T 13	7 32	14 3	2 35	1 5	1 56	4 20	1 19	11 5	0 14	20 22	1 0	21 12	0 10	23 39	0 21	22 19	1 3	1 32	15 45	20 26	20 36	20 53	17 35	5 20
W14	7 54	9 42	3 34	0 35	1 59	4 50	1 18	11 20	0 13	20 22	1 0	21 12	0 10	23 39	0 21	22 19	1 3	1 32	15 45	20 27	20 36	20 53	17 34	5 21
T 15	8 16	4 51	4 19	0 4	2 1	5 20	1 17	11 35	0 13	20 21	1 0	21 11	0 10	23 39	0 21	22 19	1 3	1 31	15 45	20 29	20 37	20 53	17 34	5 21
F 16	8 39	0n12	4 48	0s30	2 2	5 50	1 16	11 50	0 12	20 20	1 0	21 11	0 10	23 38	0 21	22 19	1 3	1 30	15 45	20 31	20 38	20 52	17 33	5 22
S 17	9 1	5 9	5 0	1 6	2 2	6 19	1 15	12 4	0 11	20 19	1 0	21 11	0 10	23 38	0 21	22 19	1 3	1 29	15 45	20 33	20 38	20 52	17 33	5 22
S 18	9 23	9 45	4 55	1 43	2 1	6 49	1 14	12 19	0 11	20 19	1 0	21 11	0 10	23 38	0 21	22 19	1 3	1 28	15 44	20 36	20 39	20 52	17 32	5 23
M19	9 45	13 48	4 35	2 22	2 0	7 18	1 13	12 34	0 10	20 18	1 0	21 10	0 10	23 38	0 21	22 19	1 3	1 27	15 44	20 38	20 40	20 51	17 31	5 23
T 20	10 7	17 7	4 1	3 1	1 58	7 47	1 11	12 48	0 10	20 17	1 0	21 10	0 10	23 38	0 21	22 19	1 3	1 26	15 44	20 40	20 40	20 51	17 31	5 24
W21	10 28	19 34	3 16	3 42	1 55	8 16	1 10	13 3	0 9	20 16	1 0	21 10	0 10	23 38	0 21	22 19	1 3	1 25	15 44	20 42	20 41	20 50	17 30	5 24
T 22	10 50	21 4	2 24	4 23	1 52	8 45	1 8	13 17	0 9	20 15	1 0	21 10	0 10	23 38	0 21	22 19	1 3	1 25	15 44	20 43	20 41	20 50	17 29	5 24
F 23	11 11	21 36	1 25	5 4	1 48	9 14	1 7	13 31	0 8	20 14	1 0	21 9	0 10	23 38	0 21	22 19	1 3	1 24	15 44	20 43	20 42	20 50	17 29	5 25
S 24	11 32	21 9	0 24	5 46	1 44	9 42	1 5	13 45	0 7	20 13	1 0	21 9	0 9	23 38	0 21	22 19	1 3	1 23	15 44	20 43	20 43	20 49	17 28	5 25
S 25	11 53	19 45	0n39	6 28	1 39	10 10	1 4	13 59	0 7	20 12	1 0	21 9	0 9	23 38	0 21	22 19	1 3	1 22	15 44	20 43	20 43	20 49	17 28	5 26
M26	12 14	17 30	1 40	7 10	1 34	10 38	1 2	14 13	0 6	20 11	1 0	21 9	0 9	23 37	0 21	22 19	1 3	1 21	15 44	20 43	20 44	20 49	17 27	5 26
T 27	12 35	14 28	2 37	7 52	1 29	11 6	1 1	14 27	0 6	20 10	1 0	21 9	0 9	23 37	0 21	22 19	1 3	1 20	15 44	20 44	20 45	20 48	17 26	5 27
W28	12 55	10 45	3 28	8 34	1 23	11 34	0 59	14 41	0 5	20 9	1 0	21 9	0 9	23 37	0 21	22 19	1 3	1 20	15 44	20 45	20 45	20 48	17 26	5 27
T 29	13 15	6 30	4 11	9 15	1 17	12 1	0 57	14 55	0 4	20 8	1 0	21 8	0 9	23 37	0 21	22 19	1 3	1 19	15 43	20 46	20 46	20 47	17 25	5 27
F 30	13 35	1 51	4 42	9 56	1 11	12 28	0 55	15 8	0 4	20 7	1 0	21 8	0 9	23 37	0 21	22 19	1 3	1 18	15 43	20 48	20 46	20 47	17 25	5 28
S 31	13s55	3s 0	4n59	10s37	1n 5	12s54	0n53	15s22	0n 3	20n 6	1s 0	21n 8	0s 9	23s37	0s21	22n19	1s 3	1n17	15n43	20n50	20n47	20n46	17n24	5s28

Julian Day Number = 2356489.5, Delta T = 13.19 sec
Ecliptic obliquity = 23°28'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'25, Lahiri = 20°13'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

NOVEMBER 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 15	8♏ 8'48	3♏ 2	2♏ 5	7♏53	12♏34	4°R26	24♋19	7♑22	5°R14	6♏11	26°R31	26♋58	27♋13	17°R 3	S 1
M 2	2 43 11	9° 8'59	16°55	3°43	9° 8	13°15	4♊20	24°19	7°24	5♋13	6°13	26♋19	26°54	27°19	17♊ 0	M 2
T 3	2 47 8	10° 9'12	1♐ 2	5°22	10°23	13°57	4°13	24°20	7°26	5°12	6°16	26° 8	26°51	27°26	16°58	T 3
W 4	2 51 4	11° 9'27	15°17	7° 0	11°39	14°39	4° 6	24°20	7°29	5°11	6°18	26° 0	26°48	27°33	16°55	W 4
T 5	2 55 1	12° 9'43	29°36	8°38	12°54	15°21	3°59	24°20	7°31	5°10	6°21	25°55	26°45	27°39	16°52	T 5
F 6	2 58 57	13°10'01	13♑53	10°15	14° 9	16° 3	3°52	24°R20	7°33	5° 9	6°23	25°52	26°42	27°46	16°49	F 6
S 7	3 2 54	14°10'21	28° 6	11°53	15°25	16°46	3°44	24°20	7°36	5° 8	6°25	25°D52	26°38	27°53	16°46	S 7
S 8	3 6 51	15°10'42	12♒14	13°29	16°40	17°28	3°37	24°20	7°38	5° 8	6°28	25°R52	26°35	27°59	16°44	S 8
M 9	3 10 47	16°11'04	26°14	15° 6	17°55	18°10	3°30	24°20	7°41	5° 7	6°30	25°52	26°32	28° 6	16°41	M 9
T 10	3 14 44	17°11'27	10♓ 8	16°42	19°11	18°52	3°22	24°19	7°43	5° 6	6°33	25°50	26°29	28°13	16°38	T 10
W11	3 18 40	18°11'52	23°54	18°18	20°26	19°35	3°15	24°19	7°46	5° 5	6°35	25°45	26°26	28°19	16°34	W11
T 12	3 22 37	19°12'18	7♈31	19°53	21°41	20°17	3° 7	24°18	7°49	5° 3	6°37	25°38	26°23	28°26	16°31	T 12
F 13	3 26 33	20°12'46	20°59	21°28	22°57	20°59	2°59	24°18	7°51	5° 2	6°40	25°28	26°19	28°33	16°28	F 13
S 14	3 30 30	21°13'15	4♉14	23° 3	24°12	21°42	2°51	24°17	7°54	5° 1	6°42	25°17	26°16	28°39	16°25	S 14
S 15	3 34 26	22°13'45	17°17	24°38	25°27	22°24	2°43	24°16	7°57	5° 0	6°45	25° 5	26°13	28°46	16°22	S 15
M16	3 38 23	23°14'17	0♊ 4	26°13	26°43	23° 7	2°35	24°15	7°59	4°59	6°47	24°54	26°10	28°53	16°18	M16
T 17	3 42 19	24°14'51	12°37	27°47	27°58	23°50	2°27	24°14	8° 2	4°58	6°49	24°45	26° 7	28°59	16°15	T 17
W18	3 46 16	25°15'26	24°55	29°21	29°14	24°32	2°19	24°12	8° 5	4°57	6°52	24°38	26° 4	29° 6	16°12	W18
T 19	3 50 13	26°16'03	7♋ 0	0♐55	0♐29	25°15	2°11	24°11	8° 8	4°55	6°54	24°34	26° 0	29°12	16° 8	T 19
F 20	3 54 9	27°16'42	18°55	2°29	1°44	25°58	2° 3	24° 9	8°11	4°54	6°56	24°D32	25°57	29°19	16° 5	F 20
S 21	3 58 6	28°17'22	0♌43	4° 2	3° 0	26°41	1°55	24° 8	8°14	4°53	6°59	24°32	25°54	29°26	16° 1	S 21
S 22	4 2 2	29°18'04	12°30	5°36	4°15	27°23	1°47	24° 6	8°17	4°52	7° 1	24°33	25°51	29°32	15°58	S 22
M23	4 5 59	0♐18'47	24°20	7° 9	5°30	28° 6	1°39	24° 4	8°20	4°50	7° 3	24°34	25°48	29°39	15°54	M23
T 24	4 9 55	1°19'32	6♍19	8°42	6°46	28°49	1°30	24° 2	8°23	4°49	7° 5	24°R34	25°44	29°46	15°51	T 24
W25	4 13 52	2°20'18	18°33	10°15	8° 1	29°32	1°22	24° 0	8°26	4°48	7° 8	24°33	25°41	29°52	15°47	W25
T 26	4 17 49	3°21'06	1♎ 5	11°48	9°17	0♐15	1°14	23°58	8°29	4°46	7°10	24°29	25°38	29°59	15°44	T 26
F 27	4 21 45	4°21'55	14° 0	13°21	10°32	0°59	1° 6	23°56	8°32	4°45	7°12	24°23	25°35	0♌ 6	15°40	F 27
S 28	4 25 42	5°22'46	27°21	14°54	11°47	1°42	0°58	23°54	8°35	4°43	7°14	24°16	25°32	0°12	15°36	S 28
S 29	4 29 38	6°23'38	11♏ 8	16°26	13° 3	2°25	0°50	23°51	8°38	4°42	7°17	24° 8	25°29	0°19	15°33	S 29
M30	4 33 35	7♐24'32	25♏18	17♐59	14♐18	3♐ 8	0♊41	23♋49	8♑41	4♋40	7♏19	23♋59	25♋25	0♌26	15♊29	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s15	7s51	4n59	11s17	0n59	13s21	0n51	15s35	0n 3	20n 5	1s 0	21n 8	0s 9	23s37	0s21	22n19	1s 3	1n16	15n43	20n53	20n48	20n46	17n23	5s29
M 2	14 34	12 24	4 42	11 57	0 53	13 47	0 50	15 48	0 2	20 4	1 0	21 8	0 9	23 37	0 21	22 19	1 3	1 16	15 43	20 55	20 48	20 46	17 23	5 29
T 3	14 53	16 21	4 8	12 36	0 46	14 12	0 48	16 2	0 1	20 2	1 0	21 8	0 9	23 36	0 21	22 19	1 3	1 15	15 43	20 57	20 49	20 45	17 22	5 29
W 4	15 12	19 23	3 17	13 15	0 39	14 37	0 46	16 15	0 1	20 1	1 0	21 8	0 9	23 36	0 21	22 19	1 3	1 14	15 43	20 59	20 50	20 45	17 21	5 30
T 5	15 30	21 14	2 15	13 53	0 33	15 2	0 44	16 28	0 0	20 0	1 0	21 8	0 8	23 36	0 21	22 19	1 3	1 13	15 43	21 0	20 50	20 44	17 21	5 30
F 6	15 49	21 42	1 3	14 30	0 26	15 27	0 41	16 40	0s 0	19 58	1 0	21 9	0 8	23 36	0 21	22 19	1 3	1 13	15 43	21 0	20 51	20 44	17 20	5 31
S 7	16 7	20 46	0s12	15 7	0 19	15 51	0 39	16 53	0 1	19 57	1 0	21 9	0 8	23 36	0 21	22 19	1 3	1 12	15 43	21 0	20 51	20 43	17 19	5 31
S 8	16 25	18 32	1 26	15 43	0 13	16 15	0 37	17 6	0 2	19 56	1 0	21 9	0 8	23 36	0 21	22 19	1 3	1 11	15 43	21 0	20 52	20 43	17 19	5 31
M 9	16 42	15 12	2 34	16 18	0 6	16 38	0 35	17 18	0 2	19 54	1 0	21 9	0 8	23 36	0 21	22 19	1 4	1 11	15 44	21 0	20 53	20 42	17 18	5 32
T 10	16 59	11 3	3 33	16 52	0s 1	17 1	0 33	17 30	0 3	19 53	0 59	21 9	0 8	23 35	0 21	22 19	1 4	1 10	15 44	21 1	20 53	20 42	17 18	5 32
W11	17 16	6 22	4 18	17 25	0 8	17 23	0 31	17 42	0 3	19 52	0 59	21 9	0 8	23 35	0 21	22 19	1 4	1 9	15 44	21 1	20 54	20 42	17 17	5 32
T 12	17 33	1 26	4 48	17 58	0 14	17 45	0 28	17 54	0 4	19 50	0 59	21 9	0 8	23 35	0 21	22 19	1 4	1 9	15 44	21 3	20 54	20 41	17 16	5 33
F 13	17 49	3n32	5 2	18 29	0 21	18 7	0 26	18 6	0 5	19 49	0 59	21 10	0 8	23 35	0 21	22 19	1 4	1 8	15 44	21 5	20 55	20 41	17 16	5 33
S 14	18 5	8 15	4 59	19 0	0 27	18 28	0 24	18 18	0 5	19 47	0 59	21 10	0 8	23 35	0 21	22 19	1 4	1 7	15 44	21 7	20 56	20 40	17 15	5 33
S 15	18 21	12 31	4 41	19 30	0 34	18 48	0 22	18 29	0 6	19 46	0 59	21 10	0 8	23 35	0 21	22 19	1 4	1 7	15 44	21 9	20 56	20 40	17 14	5 34
M16	18 36	16 8	4 9	19 59	0 40	19 8	0 19	18 41	0 6	19 45	0 59	21 10	0 7	23 34	0 21	22 19	1 4	1 6	15 44	21 11	20 57	20 39	17 14	5 34
T 17	18 52	18 57	3 25	20 27	0 47	19 28	0 17	18 52	0 7	19 43	0 59	21 11	0 7	23 34	0 21	22 19	1 4	1 5	15 44	21 12	20 57	20 39	17 13	5 34
W18	19 6	20 51	2 32	20 54	0 53	19 46	0 15	19 3	0 8	19 42	0 59	21 11	0 7	23 34	0 21	22 19	1 4	1 5	15 44	21 14	20 58	20 38	17 13	5 34
T 19	19 21	21 45	1 33	21 20	0 59	20 5	0 12	19 14	0 8	19 40	0 59	21 11	0 7	23 34	0 21	22 19	1 4	1 4	15 45	21 14	20 59	20 38	17 12	5 35
F 20	19 35	21 38	0 30	21 45	1 5	20 23	0 10	19 25	0 9	19 39	0 59	21 12	0 7	23 34	0 21	22 19	1 4	1 4	15 45	21 15	20 59	20 37	17 11	5 35
S 21	19 48	20 34	0n33	22 8	1 11	20 40	0 7	19 36	0 9	19 37	0 59	21 12	0 7	23 34	0 21	22 19	1 4	1 3	15 45	21 15	21 0	20 37	17 11	5 35
S 22	20 2	18 36	1 35	22 31	1 16	20 56	0 5	19 46	0 10	19 36	0 58	21 12	0 7	23 33	0 21	22 19	1 4	1 3	15 45	21 14	21 0	20 36	17 10	5 35
M23	20 15	15 50	2 33	22 52	1 22	21 12	0 3	19 56	0 11	19 34	0 58	21 13	0 7	23 33	0 21	22 19	1 4	1 2	15 45	21 14	21 1	20 35	17 10	5 36
T 24	20 27	12 23	3 26	23 13	1 27	21 28	0 0	20 6	0 11	19 32	0 58	21 13	0 7	23 33	0 21	22 19	1 4	1 1	15 45	21 14	21 1	20 35	17 9	5 36
W25	20 39	8 22	4 10	23 32	1 32	21 43	0s 2	20 16	0 12	19 31	0 58	21 14	0 7	23 33	0 21	22 19	1 4	1 1	15 46	21 15	21 2	20 34	17 8	5 36
T 26	20 51	3 53	4 43	23 50	1 37	21 57	0 5	20 26	0 13	19 29	0 58	21 14	0 7	23 33	0 21	22 19	1 4	1 0	15 46	21 15	21 3	20 34	17 8	5 36
F 27	21 3	0s53	5 3	24 7	1 42	22 10	0 7	20 36	0 13	19 28	0 58	21 15	0 6	23 32	0 21	22 19	1 4	1 0	15 46	21 16	21 3	20 33	17 7	5 37
S 28	21 14	5 46	5 7	24 22	1 46	22 23	0 9	20 45	0 14	19 26	0 58	21 15	0 6	23 32	0 21	22 20	1 4	0 59	15 46	21 17	21 4	20 33	17 7	5 37
S 29	21 24	10 31	4 55	24 37	1 51	22 35	0 12	20 54	0 14	19 25	0 57	21 16	0 6	23 32	0 21	22 20	1 4	0 59	15 46	21 19	21 4	20 32	17 6	5 37
M30	21s35	14s51	4n24	24s50	1s55	22s47	0s14	21s 3	0s15	19n23	0s57	21n16	0s 6	23s32	0s21	22n20	1s 4	0n59	15n47	21n20	21n 5	20n32	17n 6	5s37

Julian Day Number = 2356520.5, Delta T = 13.21 sec
Ecliptic obliquity = 23°28'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'29, Lahiri = 20°13'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1739
geocentric

DECEMBER 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 31	8♐25'27	9♐46	19♐31	15♐34	3♐52	0°R33	23°R46	8♑45	4°R39	7♏21	23°R52	25♋22	0♌32	15°R25	T 1
W 2	4 41 28	9°26'23	24°27	21° 4	16°49	4°35	0♊25	23♋43	8°48	4♋38	7°23	23♋47	25°19	0°39	15♊22	W 2
T 3	4 45 24	10°27'19	9♑12	22°36	18° 4	5°18	0°17	23°40	8°51	4°36	7°25	23°44	25°16	0°45	15°18	T 3
F 4	4 49 21	11°28'17	23°55	24° 8	19°20	6° 2	0°10	23°37	8°54	4°34	7°27	23°D43	25°13	0°52	15°14	F 4
S 5	4 53 18	12°29'16	8♒30	25°40	20°35	6°46	0° 2	23°34	8°58	4°33	7°29	23°44	25°10	0°59	15°10	S 5
S 6	4 57 14	13°30'15	22°52	27°11	21°51	7°29	29♉54	23°31	9° 1	4°31	7°32	23°45	25° 6	1° 5	15° 7	S 6
M 7	5 1 11	14°31'14	6♓59	28°43	23° 6	8°13	29°46	23°28	9° 4	4°30	7°34	23°46	25° 3	1°12	15° 3	M 7
T 8	5 5 7	15°32'14	20°50	0♑14	24°21	8°56	29°39	23°25	9° 8	4°28	7°36	23°R47	25° 0	1°19	14°59	T 8
W 9	5 9 4	16°33'15	4♈25	1°44	25°37	9°40	29°31	23°21	9°11	4°27	7°38	23°45	24°57	1°25	14°55	W 9
T 10	5 13 0	17°34'16	17°45	3°14	26°52	10°24	29°24	23°18	9°14	4°25	7°40	23°42	24°54	1°32	14°52	T 10
F 11	5 16 57	18°35'18	0♉52	4°44	28° 7	11° 8	29°16	23°14	9°18	4°23	7°42	23°37	24°50	1°39	14°48	F 11
S 12	5 20 53	19°36'20	13°45	6°13	29°23	11°52	29° 9	23°11	9°21	4°22	7°44	23°31	24°47	1°45	14°44	S 12
S 13	5 24 50	20°37'23	26°25	7°41	0♑38	12°35	29° 2	23° 7	9°25	4°20	7°46	23°25	24°44	1°52	14°40	S 13
M14	5 28 47	21°38'26	8♊53	9° 8	1°54	13°19	28°55	23° 3	9°28	4°19	7°47	23°19	24°41	1°59	14°37	M14
T 15	5 32 43	22°39'30	21°10	10°33	3° 9	14° 3	28°48	23° 0	9°31	4°17	7°49	23°15	24°38	2° 5	14°33	T 15
W16	5 36 40	23°40'34	3♋17	11°57	4°24	14°47	28°41	22°56	9°35	4°15	7°51	23°11	24°35	2°12	14°29	W16
T 17	5 40 36	24°41'40	15°15	13°20	5°40	15°32	28°35	22°52	9°38	4°14	7°53	23°10	24°31	2°19	14°26	T 17
F 18	5 44 33	25°42'45	27° 7	14°40	6°55	16°16	28°28	22°48	9°42	4°12	7°55	23°D10	24°28	2°25	14°22	F 18
S 19	5 48 29	26°43'52	8♌54	15°58	8°10	17° 0	28°22	22°43	9°45	4°10	7°57	23°10	24°25	2°32	14°18	S 19
S 20	5 52 26	27°44'59	20°41	17°13	9°26	17°44	28°16	22°39	9°49	4° 9	7°58	23°12	24°22	2°38	14°15	S 20
M21	5 56 22	28°46'06	2♍31	18°25	10°41	18°28	28°10	22°35	9°52	4° 7	8° 0	23°14	24°19	2°45	14°11	M21
T 22	6 0 19	29°47'14	14°29	19°33	11°56	19°13	28° 4	22°31	9°56	4° 5	8° 2	23°16	24°16	2°52	14° 8	T 22
W23	6 4 16	0♑48'23	26°40	20°36	13°11	19°57	27°58	22°26	9°59	4° 3	8° 4	23°R16	24°12	2°58	14° 4	W23
T 24	6 8 12	1°49'32	9♎ 8	21°34	14°27	20°42	27°52	22°22	10° 3	4° 2	8° 5	23°16	24° 9	3° 5	14° 0	T 24
F 25	6 12 9	2°50'42	21°58	22°26	15°42	21°26	27°47	22°17	10° 7	4° 0	8° 7	23°15	24° 6	3°12	13°57	F 25
S 26	6 16 5	3°51'52	5♏14	23°11	16°57	22°11	27°42	22°13	10°10	3°58	8° 8	23°13	24° 3	3°18	13°53	S 26
S 27	6 20 2	4°53'03	18°57	23°49	18°13	22°55	27°37	22° 8	10°14	3°57	8°10	23°11	24° 0	3°25	13°50	S 27
M28	6 23 58	5°54'14	3♐ 8	24°17	19°28	23°40	27°32	22° 4	10°17	3°55	8°12	23° 8	23°56	3°32	13°47	M28
T 29	6 27 55	6°55'25	17°43	24°37	20°43	24°24	27°27	21°59	10°21	3°53	8°13	23° 6	23°53	3°38	13°43	T 29
W30	6 31 51	7°56'37	2♑36	24°R46	21°59	25° 9	27°22	21°54	10°24	3°52	8°15	23° 4	23°50	3°45	13°40	W30
T 31	6 35 48	8♑57'49	17♑41	24♑43	23♑14	25♐54	27♉18	21♋50	10♑28	3♋50	8♏16	23°D 4	23♋47	3♌52	13♊37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s44	18s24	3n35	25s 1	1s58	22s58	0s17	21s12	0s16	19n22	0s57	21n17	0s 6	23s32	0s21	22n20	1s 4	0n58	15n47	21n22	21n 6	20n31	17n 5	5s37
W 2	21 54	20 50	2 32	25 12	2 2	23 8	0 19	21 21	0 16	19 20	0 57	21 17	0 6	23 31	0 21	22 20	1 4	0 58	15 47	21 22	21 6	20 30	17 4	5 37
T 3	22 3	21 51	1 18	25 21	2 5	23 17	0 21	21 29	0 17	19 19	0 57	21 18	0 6	23 31	0 21	22 20	1 4	0 57	15 47	21 23	21 7	20 30	17 4	5 38
F 4	22 11	21 22	0s 1	25 28	2 8	23 26	0 24	21 38	0 17	19 17	0 57	21 18	0 6	23 31	0 21	22 20	1 4	0 57	15 48	21 23	21 7	20 29	17 3	5 38
S 5	22 19	19 27	1 19	25 34	2 10	23 34	0 26	21 46	0 18	19 16	0 57	21 19	0 6	23 31	0 21	22 20	1 4	0 57	15 48	21 23	21 8	20 29	17 3	5 38
S 6	22 27	16 18	2 32	25 39	2 13	23 42	0 28	21 54	0 19	19 14	0 56	21 20	0 6	23 30	0 21	22 20	1 4	0 56	15 48	21 23	21 8	20 28	17 2	5 38
M 7	22 34	12 16	3 34	25 42	2 14	23 48	0 31	22 1	0 19	19 13	0 56	21 20	0 5	23 30	0 21	22 20	1 4	0 56	15 48	21 23	21 9	20 27	17 2	5 38
T 8	22 41	7 39	4 22	25 44	2 16	23 54	0 33	22 9	0 20	19 11	0 56	21 21	0 5	23 30	0 21	22 20	1 4	0 55	15 49	21 23	21 10	20 27	17 1	5 38
W 9	22 48	2 44	4 54	25 44	2 17	23 59	0 35	22 16	0 20	19 10	0 56	21 22	0 5	23 30	0 21	22 20	1 4	0 55	15 49	21 23	21 10	20 26	17 1	5 38
T 10	22 53	2n12	5 10	25 43	2 17	24 4	0 37	22 23	0 21	19 9	0 56	21 22	0 5	23 29	0 21	22 20	1 4	0 55	15 49	21 23	21 11	20 26	17 0	5 38
F 11	22 59	6 57	5 9	25 40	2 17	24 7	0 40	22 30	0 22	19 7	0 55	21 23	0 5	23 29	0 21	22 20	1 4	0 54	15 50	21 24	21 11	20 25	17 0	5 38
S 12	23 4	11 20	4 53	25 36	2 17	24 10	0 42	22 36	0 22	19 6	0 55	21 24	0 5	23 29	0 21	22 20	1 4	0 54	15 50	21 25	21 12	20 24	16 59	5 39
S 13	23 8	15 8	4 22	25 30	2 16	24 12	0 44	22 43	0 23	19 5	0 55	21 25	0 5	23 29	0 21	22 20	1 4	0 54	15 50	21 26	21 12	20 24	16 59	5 39
M14	23 12	18 12	3 39	25 23	2 14	24 14	0 46	22 49	0 23	19 3	0 55	21 25	0 5	23 29	0 21	22 20	1 4	0 54	15 51	21 27	21 13	20 23	16 58	5 39
T 15	23 16	20 25	2 46	25 14	2 12	24 14	0 48	22 55	0 24	19 2	0 55	21 26	0 5	23 28	0 21	22 20	1 4	0 53	15 51	21 28	21 14	20 22	16 58	5 39
W16	23 19	21 39	1 47	25 4	2 9	24 14	0 50	23 1	0 25	19 1	0 54	21 27	0 5	23 28	0 21	22 20	1 4	0 53	15 51	21 29	21 14	20 22	16 58	5 39
T 17	23 22	21 53	0 43	24 53	2 5	24 13	0 53	23 6	0 25	18 59	0 54	21 28	0 4	23 28	0 21	22 20	1 4	0 53	15 52	21 29	21 15	20 21	16 57	5 39
F 18	23 24	21 7	0n22	24 40	2 0	24 12	0 55	23 11	0 26	18 58	0 54	21 28	0 4	23 28	0 21	22 21	1 4	0 53	15 52	21 29	21 15	20 20	16 57	5 39
S 19	23 26	19 26	1 26	24 25	1 55	24 10	0 57	23 16	0 26	18 57	0 54	21 29	0 4	23 27	0 21	22 21	1 4	0 53	15 52	21 29	21 16	20 20	16 56	5 39
S 20	23 27	16 55	2 26	24 10	1 49	24 6	0 58	23 21	0 27	18 56	0 54	21 30	0 4	23 27	0 21	22 21	1 4	0 52	15 53	21 28	21 16	20 19	16 56	5 39
M21	23 28	13 42	3 20	23 53	1 42	24 3	1 0	23 26	0 28	18 55	0 53	21 31	0 4	23 27	0 21	22 21	1 4	0 52	15 53	21 28	21 17	20 18	16 55	5 39
T 22	23 28	9 54	4 7	23 36	1 34	23 58	1 2	23 30	0 28	18 54	0 53	21 32	0 4	23 27	0 21	22 21	1 4	0 52	15 53	21 28	21 18	20 18	16 55	5 39
W23	23 28	5 39	4 43	23 17	1 25	23 53	1 4	23 34	0 29	18 53	0 53	21 32	0 4	23 26	0 21	22 21	1 4	0 52	15 54	21 28	21 18	20 17	16 55	5 39
T 24	23 28	1 4	5 7	22 58	1 14	23 47	1 6	23 38	0 29	18 52	0 53	21 33	0 4	23 26	0 21	22 21	1 4	0 52	15 54	21 28	21 19	20 16	16 54	5 39
F 25	23 26	3s41	5 16	22 38	1 3	23 40	1 8	23 42	0 30	18 51	0 52	21 34	0 4	23 26	0 21	22 21	1 4	0 52	15 55	21 28	21 19	20 16	16 54	5 39
S 26	23 25	8 25	5 9	22 18	0 51	23 32	1 9	23 45	0 31	18 50	0 52	21 35	0 3	23 25	0 21	22 21	1 4	0 52	15 55	21 28	21 20	20 15	16 54	5 39
S 27	23 23	12 55	4 45	21 59	0 37	23 24	1 11	23 48	0 31	18 49	0 52	21 36	0 3	23 25	0 21	22 21	1 4	0 51	15 55	21 29	21 20	20 14	16 53	5 39
M28	23 20	16 50	4 3	21 39	0 22	23 15	1 12	23 51	0 32	18 48	0 52	21 37	0 3	23 25	0 21	22 21	1 4	0 51	15 56	21 29	21 21	20 14	16 53	5 39
T 29	23 17	19 51	3 4	21 20	0 6	23 5	1 14	23 54	0 32	18 47	0 51	21 37	0 3	23 25	0 21	22 21	1 4	0 51	15 56	21 30	21 21	20 13	16 53	5 38
W30	23 14	21 36	1 51	21 1	0n11	22 55	1 16	23 56	0 33	18 46	0 51	21 38	0 3	23 24	0 21	22 21	1 4	0 51	15 57	21 30	21 22	20 12	16 52	5 38
T 31	23s10	21s49	0n30	20s44	0n29	22s44	1s17	23s58	0s34	18n45	0s51	21n39	0s 3	23s24	0s21	22n21	1s 4	0n51	15n57	21n30	21n23	20n11	16n52	5s38

Julian Day Number = 2356550.5, Delta T = 13.23 sec
Ecliptic obliquity = 23°28'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'34, Lahiri = 20°13'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

JANUARY 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 39 45	9♑59'00	2♒47	24°R30	24♑29	26♐39	27°R14	21°R45	10♑32	3°R48	8♏17	23♋ 4	23♋44	3♌58	13°R33	F 1
S 2	6 43 41	11° 0'12	17°46	24♑ 4	25°44	27°23	27♉10	21♋40	10°35	3♋46	8°19	23° 4	23°41	4° 5	13♊30	S 2
S 3	6 47 38	12° 1'23	2♓30	23°27	27° 0	28° 8	27° 6	21°35	10°39	3°45	8°20	23° 5	23°37	4°12	13°27	S 3
M 4	6 51 34	13° 2'33	16°55	22°38	28°15	28°53	27° 2	21°30	10°42	3°43	8°21	23° 6	23°34	4°18	13°24	M 4
T 5	6 55 31	14° 3'43	0♈57	21°39	29°30	29°38	26°59	21°25	10°46	3°41	8°23	23° 7	23°31	4°25	13°21	T 5
W 6	6 59 27	15° 4'53	14°35	20°32	0♒45	0♑23	26°56	21°20	10°50	3°40	8°24	23°R 7	23°28	4°31	13°18	W 6
T 7	7 3 24	16° 6'02	27°51	19°18	2° 0	1° 8	26°53	21°16	10°53	3°38	8°25	23° 7	23°25	4°38	13°15	T 7
F 8	7 7 20	17° 7'10	10♉47	18° 0	3°16	1°53	26°50	21°11	10°57	3°36	8°27	23° 7	23°22	4°45	13°12	F 8
S 9	7 11 17	18° 8'18	23°26	16°40	4°31	2°38	26°47	21° 6	11° 0	3°35	8°28	23° 6	23°18	4°51	13° 9	S 9
S 10	7 15 14	19° 9'26	5♊50	15°21	5°46	3°24	26°45	21° 1	11° 4	3°33	8°29	23° 5	23°15	4°58	13° 6	S 10
M11	7 19 10	20°10'32	18° 2	14° 6	7° 1	4° 9	26°42	20°56	11° 7	3°32	8°30	23° 5	23°12	5° 5	13° 3	M11
T 12	7 23 7	21°11'39	0♋ 5	12°55	8°16	4°54	26°40	20°51	11°11	3°30	8°31	23° 5	23° 9	5°11	13° 1	T 12
W13	7 27 3	22°12'44	12° 1	11°52	9°31	5°39	26°39	20°46	11°14	3°28	8°32	23° 5	23° 6	5°18	12°58	W13
T 14	7 31 0	23°13'49	23°53	10°57	10°46	6°25	26°37	20°41	11°18	3°27	8°33	23° 5	23° 2	5°25	12°55	T 14
F 15	7 34 56	24°14'54	5♌41	10°10	12° 1	7°10	26°36	20°36	11°21	3°25	8°34	23° 4	22°59	5°31	12°53	F 15
S 16	7 38 53	25°15'58	17°29	9°33	13°16	7°55	26°34	20°31	11°25	3°24	8°35	23° 4	22°56	5°38	12°50	S 16
S 17	7 42 50	26°17'01	29°19	9° 6	14°31	8°41	26°33	20°26	11°28	3°22	8°36	23° 4	22°53	5°45	12°48	S 17
M18	7 46 46	27°18'04	11♍13	8°48	15°46	9°26	26°32	20°21	11°32	3°21	8°37	23° 3	22°50	5°51	12°46	M18
T 19	7 50 43	28°19'07	23°14	8°38	17° 1	10°12	26°32	20°16	11°35	3°19	8°38	23° 3	22°47	5°58	12°43	T 19
W20	7 54 39	29°20'08	5♎26	8°D37	18°16	10°57	26°31	20°12	11°39	3°18	8°38	23° 2	22°43	6° 5	12°41	W20
T 21	7 58 36	0♒21'10	17°52	8°44	19°31	11°43	26°D31	20° 7	11°42	3°16	8°39	23° 2	22°40	6°11	12°39	T 21
F 22	8 2 32	1°22'11	0♏37	8°59	20°46	12°28	26°31	20° 2	11°46	3°15	8°40	23°D 1	22°37	6°18	12°37	F 22
S 23	8 6 29	2°23'11	13°44	9°20	22° 1	13°14	26°31	19°57	11°49	3°13	8°41	23° 2	22°34	6°25	12°35	S 23
S 24	8 10 25	3°24'11	27°16	9°47	23°16	14° 0	26°32	19°52	11°53	3°12	8°41	23° 2	22°31	6°31	12°33	S 24
M25	8 14 22	4°25'10	11♐15	10°20	24°31	14°45	26°33	19°48	11°56	3°10	8°42	23° 3	22°28	6°38	12°31	M25
T 26	8 18 19	5°26'08	25°40	10°58	25°46	15°31	26°33	19°43	11°59	3° 9	8°42	23° 4	22°24	6°44	12°29	T 26
W27	8 22 15	6°27'06	10♑27	11°40	27° 1	16°17	26°34	19°38	12° 3	3° 8	8°43	23° 5	22°21	6°51	12°28	W27
T 28	8 26 12	7°28'03	25°33	12°27	28°16	17° 3	26°36	19°34	12° 6	3° 6	8°43	23°R 5	22°18	6°58	12°26	T 28
F 29	8 30 8	8°28'59	10♒47	13°18	29°30	17°49	26°37	19°29	12° 9	3° 5	8°44	23° 5	22°15	7° 4	12°24	F 29
S 30	8 34 5	9°29'54	26° 0	14°12	0♓45	18°34	26°39	19°25	12°13	3° 4	8°44	23° 3	22°12	7°11	12°23	S 30
S 31	8 38 1	10♒30'47	11♓ 2	15♑ 9	2♓ 0	19♑20	26♉41	19♋20	12♑16	3♋ 2	8♏45	23♋ 1	22♋ 8	7♌18	12♊21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 6	20s26	0s54	20s28	0n48	22s32	1s18	24s 0	0s34	18n45	0s51	21n40	0s 3	23s24	0s21	22n21	1s 4	0n51	15n58	21n30	21n23	20n11	16n52	5s38
S 2	23 1	17 38	2 13	20 14	1 7	22 20	1 20	24 1	0 35	18 44	0 50	21 41	0 3	23 24	0 21	22 21	1 4	0 51	15 58	21 30	21 24	20 10	16 51	5 38
S 3	22 56	13 44	3 22	20 1	1 26	22 7	1 21	24 3	0 35	18 43	0 50	21 42	0 3	23 23	0 21	22 21	1 4	0 51	15 58	21 30	21 24	20 9	16 51	5 38
M 4	22 50	9 7	4 17	19 50	1 45	21 53	1 22	24 4	0 36	18 43	0 50	21 43	0 3	23 23	0 21	22 22	1 4	0 51	15 59	21 29	21 25	20 9	16 51	5 38
T 5	22 44	4 7	4 54	19 41	2 4	21 39	1 23	24 5	0 36	18 42	0 50	21 43	0 2	23 23	0 21	22 22	1 4	0 51	15 59	21 29	21 25	20 8	16 51	5 38
W 6	22 37	0n55	5 14	19 34	2 21	21 23	1 25	24 5	0 37	18 42	0 49	21 44	0 2	23 22	0 21	22 22	1 4	0 51	16 0	21 29	21 26	20 7	16 51	5 38
T 7	22 30	5 48	5 17	19 29	2 37	21 8	1 26	24 6	0 38	18 41	0 49	21 45	0 2	23 22	0 21	22 22	1 4	0 51	16 0	21 29	21 26	20 6	16 50	5 37
F 8	22 22	10 17	5 3	19 26	2 51	20 51	1 27	24 6	0 38	18 41	0 49	21 46	0 2	23 22	0 21	22 22	1 4	0 52	16 1	21 29	21 27	20 6	16 50	5 37
S 9	22 14	14 13	4 35	19 24	3 3	20 34	1 27	24 6	0 39	18 41	0 49	21 47	0 2	23 22	0 21	22 22	1 4	0 52	16 1	21 30	21 27	20 5	16 50	5 37
S 10	22 6	17 28	3 54	19 24	3 13	20 17	1 28	24 5	0 39	18 40	0 48	21 48	0 2	23 21	0 21	22 22	1 4	0 52	16 2	21 30	21 28	20 4	16 50	5 37
M11	21 57	19 54	3 3	19 25	3 19	19 59	1 29	24 4	0 40	18 40	0 48	21 49	0 2	23 21	0 21	22 22	1 4	0 52	16 2	21 30	21 28	20 3	16 50	5 37
T 12	21 48	21 24	2 4	19 28	3 24	19 40	1 30	24 3	0 41	18 40	0 48	21 50	0 2	23 21	0 21	22 22	1 4	0 52	16 3	21 30	21 29	20 2	16 49	5 37
W13	21 38	21 55	1 1	19 31	3 26	19 21	1 31	24 2	0 41	18 40	0 48	21 50	0 2	23 20	0 21	22 22	1 3	0 52	16 3	21 30	21 30	20 2	16 49	5 36
T 14	21 28	21 26	0n 4	19 36	3 26	19 1	1 31	24 1	0 42	18 39	0 47	21 51	0 1	23 20	0 21	22 22	1 3	0 52	16 4	21 30	21 30	20 1	16 49	5 36
F 15	21 18	20 0	1 10	19 42	3 23	18 41	1 32	23 59	0 42	18 39	0 47	21 52	0 1	23 20	0 21	22 22	1 3	0 52	16 4	21 30	21 31	20 0	16 49	5 36
S 16	21 7	17 42	2 12	19 49	3 19	18 20	1 32	23 57	0 43	18 39	0 47	21 53	0 1	23 20	0 21	22 22	1 3	0 53	16 5	21 30	21 31	19 59	16 49	5 36
S 17	20 55	14 40	3 8	19 56	3 14	17 58	1 33	23 54	0 43	18 39	0 47	21 54	0 1	23 19	0 21	22 22	1 3	0 53	16 5	21 30	21 32	19 58	16 49	5 36
M18	20 44	11 1	3 57	20 4	3 7	17 36	1 33	23 52	0 44	18 39	0 46	21 55	0 1	23 19	0 21	22 22	1 3	0 53	16 6	21 30	21 32	19 58	16 49	5 35
T 19	20 32	6 55	4 36	20 13	2 59	17 14	1 33	23 49	0 44	18 40	0 46	21 56	0 1	23 19	0 21	22 22	1 3	0 53	16 6	21 30	21 33	19 57	16 49	5 35
W20	20 19	2 28	5 3	20 22	2 50	16 51	1 33	23 46	0 45	18 40	0 46	21 56	0 1	23 18	0 21	22 23	1 3	0 54	16 7	21 30	21 33	19 56	16 49	5 35
T 21	20 6	2s 9	5 16	20 30	2 41	16 28	1 34	23 43	0 46	18 40	0 46	21 57	0 1	23 18	0 21	22 23	1 3	0 54	16 7	21 30	21 34	19 55	16 49	5 35
F 22	19 53	6 47	5 15	20 39	2 31	16 4	1 34	23 39	0 46	18 40	0 45	21 58	0 1	23 18	0 21	22 23	1 3	0 54	16 8	21 30	21 34	19 54	16 49	5 34
S 23	19 39	11 15	4 57	20 48	2 21	15 40	1 34	23 35	0 47	18 40	0 45	21 59	0 0	23 18	0 21	22 23	1 3	0 54	16 8	21 30	21 35	19 53	16 49	5 34
S 24	19 25	15 19	4 23	20 57	2 10	15 15	1 34	23 31	0 47	18 41	0 45	22 0	0 0	23 17	0 21	22 23	1 3	0 55	16 9	21 30	21 35	19 53	16 49	5 34
M25	19 11	18 39	3 32	21 5	2 0	14 50	1 33	23 27	0 48	18 41	0 44	22 0	0 0	23 17	0 21	22 23	1 3	0 55	16 9	21 30	21 36	19 52	16 49	5 34
T 26	18 56	20 58	2 26	21 12	1 49	14 25	1 33	23 22	0 48	18 42	0 44	22 1	0 0	23 17	0 21	22 23	1 3	0 55	16 10	21 30	21 36	19 51	16 49	5 33
W27	18 41	21 54	1 10	21 19	1 38	13 59	1 33	23 17	0 49	18 42	0 44	22 2	0n 0	23 16	0 21	22 23	1 3	0 56	16 10	21 30	21 37	19 50	16 49	5 33
T 28	18 26	21 17	0s14	21 26	1 28	13 33	1 33	23 12	0 49	18 43	0 44	22 3	0 0	23 16	0 21	22 23	1 3	0 56	16 11	21 30	21 37	19 49	16 49	5 33
F 29	18 10	19 6	1 37	21 32	1 17	13 6	1 32	23 6	0 50	18 43	0 43	22 3	0 0	23 16	0 21	22 23	1 3	0 56	16 11	21 30	21 38	19 48	16 49	5 33
S 30	17 54	15 34	2 52	21 37	1 7	12 39	1 32	23 1	0 50	18 44	0 43	22 4	0 0	23 16	0 21	22 23	1 3	0 57	16 12	21 30	21 38	19 47	16 49	5 32
S 31	17s38	11s 4	3s55	21s41	0n56	12s12	1s31	22s55	0s51	18n45	0s43	22n 5	0n 0	23s15	0s21	22n23	1s 3	0n57	16n12	21n30	21n39	19n47	16n49	5s32

Julian Day Number = 2356581.5, Delta T = 13.25 sec
Ecliptic obliquity = 23°28'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'38, Lahiri = 20°13'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

FEBRUARY 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 41 58	11♒31'40	25♓45	16♑10	3♓15	20♑ 6	26♉43	19°R16	12♑19	3°R 1	8♏45	22°R59	22♋ 5	7♌24	12°R20	M 1
T 2	8 45 54	12°32'30	10♈ 3	17°12	4°29	20°52	26°45	19♋11	12°22	3♋ 0	8°45	22♋56	22° 2	7°31	12♊19	T 2
W 3	8 49 51	13°33'20	23°53	18°18	5°44	21°38	26°47	19° 7	12°26	2°59	8°46	22°54	21°59	7°38	12°18	W 3
T 4	8 53 48	14°34'07	7♉15	19°25	6°59	22°24	26°50	19° 3	12°29	2°57	8°46	22°53	21°56	7°44	12°17	T 4
F 5	8 57 44	15°34'54	20°12	20°35	8°13	23°10	26°53	18°59	12°32	2°56	8°46	22°D53	21°53	7°51	12°16	F 5
S 6	9 1 41	16°35'38	2♊47	21°46	9°28	23°56	26°56	18°55	12°35	2°55	8°46	22°54	21°49	7°58	12°15	S 6
S 7	9 5 37	17°36'22	15° 4	23° 0	10°42	24°43	26°59	18°51	12°38	2°54	8°47	22°55	21°46	8° 4	12°14	S 7
M 8	9 9 34	18°37'03	27° 7	24°15	11°57	25°29	27° 2	18°47	12°41	2°53	8°47	22°57	21°43	8°11	12°13	M 8
T 9	9 13 30	19°37'43	9♋ 2	25°31	13°11	26°15	27° 6	18°43	12°44	2°52	8°47	22°59	21°40	8°18	12°12	T 9
W10	9 17 27	20°38'22	20°51	26°49	14°26	27° 1	27°10	18°39	12°47	2°51	8°47	23°R 0	21°37	8°24	12°11	W10
T 11	9 21 23	21°38'59	2♌38	28° 8	15°40	27°47	27°14	18°35	12°50	2°50	8°R47	22°59	21°34	8°31	12°11	T 11
F 12	9 25 20	22°39'34	14°26	29°29	16°54	28°33	27°18	18°32	12°53	2°49	8°47	22°57	21°30	8°38	12°10	F 12
S 13	9 29 17	23°40'08	26°17	0♒51	18° 9	29°20	27°22	18°28	12°56	2°48	8°47	22°54	21°27	8°44	12°10	S 13
S 14	9 33 13	24°40'40	8♍13	2°14	19°23	0♒ 6	27°27	18°24	12°59	2°47	8°47	22°49	21°24	8°51	12°10	S 14
M15	9 37 10	25°41'11	20°16	3°39	20°37	0°52	27°32	18°21	13° 2	2°46	8°46	22°43	21°21	8°57	12° 9	M15
T 16	9 41 6	26°41'40	2♎26	5° 4	21°51	1°39	27°36	18°18	13° 5	2°45	8°46	22°37	21°18	9° 4	12° 9	T 16
W17	9 45 3	27°42'08	14°47	6°31	23° 6	2°25	27°42	18°14	13° 8	2°44	8°46	22°31	21°14	9°11	12° 9	W17
T 18	9 48 59	28°42'34	27°20	7°59	24°20	3°11	27°47	18°11	13°10	2°44	8°46	22°25	21°11	9°17	12°D 9	T 18
F 19	9 52 56	29°43'00	10♏ 7	9°28	25°34	3°58	27°52	18° 8	13°13	2°43	8°46	22°22	21° 8	9°24	12° 9	F 19
S 20	9 56 52	0♓43'23	23°11	10°58	26°48	4°44	27°58	18° 5	13°16	2°42	8°45	22°20	21° 5	9°31	12° 9	S 20
S 21	10 0 49	1°43'46	6♐34	12°29	28° 2	5°31	28° 3	18° 2	13°18	2°41	8°45	22°D20	21° 2	9°37	12°10	S 21
M22	10 4 45	2°44'07	20°20	14° 0	29°16	6°17	28° 9	18° 0	13°21	2°41	8°44	22°21	20°59	9°44	12°10	M22
T 23	10 8 42	3°44'27	4♑28	15°33	0♈30	7° 4	28°15	17°57	13°24	2°40	8°44	22°22	20°55	9°51	12°10	T 23
W24	10 12 39	4°44'45	18°58	17° 8	1°44	7°50	28°22	17°54	13°26	2°39	8°44	22°R23	20°52	9°57	12°11	W24
T 25	10 16 35	5°45'02	3♒47	18°43	2°58	8°37	28°28	17°52	13°29	2°39	8°43	22°23	20°49	10° 4	12°11	T 25
F 26	10 20 32	6°45'17	18°49	20°19	4°11	9°23	28°35	17°49	13°31	2°38	8°43	22°20	20°46	10°11	12°12	F 26
S 27	10 24 28	7°45'30	3♓57	21°56	5°25	10°10	28°41	17°47	13°34	2°38	8°42	22°16	20°43	10°17	12°13	S 27
S 28	10 28 25	8°45'41	19° 0	23°34	6°39	10°56	28°48	17°45	13°36	2°37	8°41	22° 9	20°39	10°24	12°14	S 28
M29	10 32 21	9♓45'51	3♈49	25♒13	7♈53	11♒43	28♉55	17♋43	13♑39	2♋37	8♏41	22♋ 2	20♋36	10♌31	12♊14	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s21	6s 0	4s41	21s44	0n46	11s44	1s30	22s49	0s51	18n45	0s43	22n 6	0n 1	23s15	0s21	22n23	1s 3	0n57	16n13	21n31	21n40	19n46	16n49	5s32
T 2	17 4	0 44	5 8	21 46	0 36	11 16	1 30	22 42	0 52	18 46	0 42	22 6	0 1	23 15	0 21	22 23	1 3	0 58	16 13	21 31	21 40	19 45	16 49	5 31
W 3	16 47	4n23	5 16	21 47	0 26	10 48	1 29	22 36	0 52	18 47	0 42	22 7	0 1	23 14	0 21	22 23	1 3	0 58	16 14	21 31	21 41	19 44	16 50	5 31
T 4	16 29	9 7	5 6	21 47	0 17	10 20	1 28	22 29	0 53	18 48	0 42	22 8	0 1	23 14	0 21	22 23	1 3	0 59	16 14	21 32	21 41	19 43	16 50	5 31
F 5	16 11	13 18	4 41	21 46	0 8	9 51	1 27	22 21	0 53	18 49	0 42	22 9	0 1	23 14	0 21	22 24	1 3	0 59	16 15	21 32	21 42	19 42	16 50	5 31
S 6	15 53	16 46	4 3	21 44	0s 1	9 22	1 26	22 14	0 54	18 50	0 41	22 9	0 1	23 14	0 21	22 24	1 3	0 59	16 15	21 32	21 42	19 41	16 50	5 30
S 7	15 35	19 25	3 14	21 41	0 10	8 53	1 25	22 6	0 54	18 51	0 41	22 10	0 1	23 13	0 21	22 24	1 3	1 0	16 16	21 31	21 43	19 40	16 50	5 30
M 8	15 16	21 9	2 18	21 36	0 19	8 23	1 24	21 58	0 55	18 52	0 41	22 11	0 1	23 13	0 21	22 24	1 3	1 0	16 16	21 31	21 43	19 39	16 50	5 30
T 9	14 57	21 54	1 16	21 31	0 27	7 53	1 23	21 50	0 55	18 53	0 41	22 11	0 1	23 13	0 21	22 24	1 3	1 1	16 17	21 31	21 44	19 38	16 51	5 29
W10	14 38	21 39	0 12	21 24	0 35	7 24	1 22	21 42	0 56	18 54	0 40	22 12	0 2	23 12	0 21	22 24	1 3	1 1	16 17	21 31	21 44	19 38	16 51	5 29
T 11	14 18	20 27	0n53	21 16	0 43	6 53	1 20	21 33	0 56	18 55	0 40	22 12	0 2	23 12	0 21	22 24	1 3	1 2	16 18	21 31	21 45	19 37	16 51	5 29
F 12	13 59	18 21	1 55	21 6	0 50	6 23	1 19	21 24	0 57	18 56	0 40	22 13	0 2	23 12	0 21	22 24	1 3	1 2	16 18	21 31	21 45	19 36	16 51	5 28
S 13	13 39	15 28	2 52	20 56	0 58	5 53	1 17	21 15	0 57	18 57	0 40	22 14	0 2	23 12	0 21	22 24	1 3	1 3	16 19	21 32	21 46	19 35	16 52	5 28
S 14	13 19	11 56	3 43	20 44	1 4	5 22	1 16	21 6	0 58	18 59	0 40	22 14	0 2	23 11	0 21	22 24	1 2	1 3	16 19	21 32	21 46	19 34	16 52	5 28
M15	12 59	7 54	4 23	20 31	1 11	4 52	1 14	20 56	0 58	19 0	0 39	22 15	0 2	23 11	0 21	22 24	1 2	1 4	16 20	21 33	21 47	19 33	16 52	5 27
T 16	12 38	3 30	4 53	20 16	1 17	4 21	1 13	20 46	0 59	19 1	0 39	22 15	0 2	23 11	0 21	22 24	1 2	1 4	16 20	21 34	21 47	19 32	16 53	5 27
W17	12 17	1s 5	5 9	20 1	1 23	3 50	1 11	20 36	0 59	19 3	0 39	22 16	0 2	23 11	0 21	22 24	1 2	1 5	16 21	21 35	21 48	19 31	16 53	5 27
T 18	11 56	5 42	5 10	19 44	1 29	3 19	1 9	20 26	1 0	19 4	0 39	22 16	0 2	23 10	0 21	22 24	1 2	1 5	16 21	21 36	21 48	19 30	16 53	5 26
F 19	11 35	10 10	4 57	19 25	1 34	2 48	1 7	20 16	1 0	19 5	0 38	22 17	0 2	23 10	0 21	22 24	1 2	1 6	16 22	21 37	21 49	19 29	16 54	5 26
S 20	11 14	14 16	4 28	19 6	1 39	2 16	1 5	20 5	1 0	19 7	0 38	22 17	0 3	23 10	0 21	22 24	1 2	1 7	16 22	21 37	21 49	19 28	16 54	5 26
S 21	10 52	17 46	3 43	18 45	1 44	1 45	1 3	19 54	1 1	19 8	0 38	22 18	0 3	23 10	0 21	22 24	1 2	1 7	16 23	21 37	21 50	19 27	16 54	5 25
M22	10 31	20 22	2 45	18 22	1 48	1 14	1 1	19 43	1 1	19 10	0 38	22 18	0 3	23 9	0 21	22 25	1 2	1 8	16 23	21 37	21 50	19 26	16 55	5 25
T 23	10 9	21 48	1 36	17 59	1 52	0 42	0 59	19 32	1 2	19 11	0 37	22 19	0 3	23 9	0 21	22 25	1 2	1 8	16 24	21 37	21 50	19 25	16 55	5 25
W24	9 47	21 49	0 19	17 34	1 56	0 11	0 57	19 20	1 2	19 13	0 37	22 19	0 3	23 9	0 21	22 25	1 2	1 9	16 24	21 37	21 51	19 24	16 55	5 24
T 25	9 25	20 20	1s 1	17 7	1 59	0n20	0 55	19 8	1 3	19 15	0 37	22 20	0 3	23 9	0 21	22 25	1 2	1 9	16 25	21 37	21 51	19 23	16 56	5 24
F 26	9 3	17 24	2 18	16 39	2 2	0 52	0 53	18 57	1 3	19 16	0 37	22 20	0 3	23 8	0 22	22 25	1 2	1 10	16 25	21 37	21 52	19 22	16 56	5 24
S 27	8 40	13 16	3 26	16 10	2 4	1 23	0 50	18 44	1 3	19 18	0 37	22 21	0 3	23 8	0 22	22 25	1 2	1 11	16 26	21 38	21 52	19 21	16 57	5 23
S 28	8 18	8 19	4 18	15 40	2 6	1 55	0 48	18 32	1 4	19 20	0 36	22 21	0 3	23 8	0 22	22 25	1 2	1 11	16 26	21 39	21 53	19 20	16 57	5 23
M29	7s55	2s57	4s53	15s 8	2s 8	2n26	0s45	18s19	1s 4	19n21	0s36	22n21	0n 3	23s 8	0s22	22n25	1s 2	1n12	16n27	21n40	21n53	19n19	16n57	5s23

Julian Day Number = 2356612.5, Delta T = 13.27 sec
Ecliptic obliquity = 23°28'20, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'42, Lahiri = 20°13'43Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1740
geocentric

MARCH 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 18	10♓45'59	18♈16	26♒54	9♈ 6	12♒30	29♉ 2	17°R41	13♑41	2°R36	8°R40	21°R54	20♋33	10♌37	12♊15	T 1
W 2	10 40 14	11°46'04	2♉16	28°35	10°20	13°16	29°10	17♋39	13°43	2♋36	8♏40	21♋47	20°30	10°44	12°16	W 2
T 3	10 44 11	12°46'08	15°48	0♓17	11°33	14° 3	29°17	17°37	13°45	2°35	8°39	21°41	20°27	10°51	12°18	T 3
F 4	10 48 8	13°46'09	28°51	2° 1	12°47	14°49	29°25	17°35	13°48	2°35	8°38	21°38	20°24	10°57	12°19	F 4
S 5	10 52 4	14°46'08	11♊28	3°46	14° 0	15°36	29°33	17°34	13°50	2°35	8°37	21°D37	20°20	11° 4	12°20	S 5
S 6	10 56 1	15°46'05	23°46	5°31	15°14	16°23	29°41	17°32	13°52	2°35	8°36	21°37	20°17	11°11	12°21	S 6
M 7	10 59 57	16°46'00	5♋48	7°18	16°27	17° 9	29°49	17°31	13°54	2°34	8°36	21°38	20°14	11°17	12°23	M 7
T 8	11 3 54	17°45'53	17°40	9° 7	17°40	17°56	29°57	17°30	13°56	2°34	8°35	21°R39	20°11	11°24	12°24	T 8
W 9	11 7 50	18°45'43	29°27	10°56	18°53	18°43	0♊ 5	17°29	13°58	2°34	8°34	21°39	20° 8	11°30	12°26	W 9
T 10	11 11 47	19°45'32	11♌14	12°46	20° 6	19°29	0°14	17°28	14° 0	2°34	8°33	21°37	20° 5	11°37	12°28	T 10
F 11	11 15 43	20°45'18	23° 4	14°38	21°19	20°16	0°22	17°27	14° 2	2°34	8°32	21°32	20° 1	11°44	12°29	F 11
S 12	11 19 40	21°45'02	5♍ 0	16°31	22°32	21° 3	0°31	17°26	14° 4	2°34	8°31	21°25	19°58	11°50	12°31	S 12
S 13	11 23 37	22°44'44	17° 5	18°24	23°45	21°50	0°40	17°25	14° 6	2°D34	8°30	21°15	19°55	11°57	12°33	S 13
M14	11 27 33	23°44'23	29°20	20°20	24°58	22°36	0°49	17°25	14° 7	2°34	8°29	21° 4	19°52	12° 4	12°35	M14
T 15	11 31 30	24°44'01	11♎45	22°16	26°11	23°23	0°58	17°24	14° 9	2°34	8°28	20°52	19°49	12°10	12°37	T 15
W16	11 35 26	25°43'37	24°21	24°13	27°24	24°10	1° 7	17°24	14°11	2°34	8°27	20°40	19°45	12°17	12°39	W16
T 17	11 39 23	26°43'11	7♏ 9	26°11	28°36	24°56	1°16	17°23	14°12	2°34	8°26	20°30	19°42	12°24	12°41	T 17
F 18	11 43 19	27°42'44	20° 8	28°10	29°49	25°43	1°26	17°23	14°14	2°34	8°24	20°22	19°39	12°30	12°44	F 18
S 19	11 47 16	28°42'14	3♐21	0♈10	1♉ 2	26°30	1°35	17°D23	14°16	2°34	8°23	20°17	19°36	12°37	12°46	S 19
S 20	11 51 12	29°41'43	16°46	2°11	2°14	27°17	1°45	17°23	14°17	2°34	8°22	20°15	19°33	12°44	12°48	S 20
M21	11 55 9	0♈41'10	0♑27	4°13	3°26	28° 3	1°55	17°23	14°19	2°35	8°21	20°D14	19°30	12°50	12°51	M21
T 22	11 59 6	1°40'35	14°24	6°15	4°39	28°50	2° 5	17°24	14°20	2°35	8°20	20°R14	19°26	12°57	12°53	T 22
W23	12 3 2	2°39'59	28°37	8°17	5°51	29°37	2°15	17°24	14°21	2°35	8°18	20°14	19°23	13° 4	12°56	W23
T 24	12 6 59	3°39'21	13♒ 5	10°19	7° 3	0♓24	2°25	17°25	14°23	2°36	8°17	20°12	19°20	13°10	12°59	T 24
F 25	12 10 55	4°38'41	27°45	12°21	8°15	1°10	2°35	17°25	14°24	2°36	8°16	20° 8	19°17	13°17	13° 1	F 25
S 26	12 14 52	5°37'59	12♓32	14°23	9°28	1°57	2°45	17°26	14°25	2°36	8°14	20° 1	19°14	13°24	13° 4	S 26
S 27	12 18 48	6°37'15	27°18	16°23	10°40	2°44	2°56	17°27	14°26	2°37	8°13	19°51	19°10	13°30	13° 7	S 27
M28	12 22 45	7°36'29	11♈55	18°23	11°51	3°31	3° 6	17°28	14°27	2°37	8°12	19°40	19° 7	13°37	13°10	M28
T 29	12 26 41	8°35'41	26°16	20°21	13° 3	4°17	3°17	17°29	14°28	2°38	8°10	19°28	19° 4	13°44	13°13	T 29
W30	12 30 38	9°34'51	10♉14	22°17	14°15	5° 4	3°28	17°30	14°29	2°38	8° 9	19°18	19° 1	13°50	13°16	W30
T 31	12 34 34	10♈33'58	23♉47	24♈11	15♉27	5♓51	3♊39	17♋31	14♑30	2♋39	8♏ 7	19♋ 9	18♋58	13♌57	13♊19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s32	2n26	5s 7	14s35	2s 9	2n57	0s43	18s 7	1s 5	19n23	0s36	22n22	0n 4	23s 8	0s22	22n25	1s 2	1n13	16n27	21n41	21n54	19n18	16n58	5s22
W 2	7 10	7 32	5 3	14 1	2 10	3 29	0 40	17 54	1 5	19 25	0 36	22 22	0 4	23 7	0 22	22 25	1 2	1 13	16 28	21 42	21 54	19 17	16 58	5 22
T 3	6 47	12 6	4 41	13 25	2 10	4 0	0 38	17 41	1 5	19 27	0 36	22 22	0 4	23 7	0 22	22 25	1 2	1 14	16 28	21 43	21 55	19 16	16 59	5 22
F 4	6 24	15 56	4 6	12 48	2 10	4 31	0 35	17 27	1 6	19 29	0 35	22 23	0 4	23 7	0 22	22 25	1 2	1 14	16 29	21 44	21 55	19 15	16 59	5 21
S 5	6 0	18 54	3 19	12 9	2 10	5 2	0 33	17 14	1 6	19 31	0 35	22 23	0 4	23 7	0 22	22 25	1 2	1 15	16 29	21 44	21 56	19 14	17 0	5 21
S 6	5 37	20 55	2 24	11 30	2 9	5 33	0 30	17 0	1 6	19 32	0 35	22 23	0 4	23 7	0 22	22 25	1 2	1 16	16 29	21 44	21 56	19 13	17 0	5 21
M 7	5 14	21 57	1 24	10 49	2 7	6 3	0 27	16 47	1 7	19 34	0 35	22 24	0 4	23 6	0 22	22 25	1 2	1 16	16 30	21 44	21 57	19 12	17 1	5 20
T 8	4 51	21 57	0 21	10 6	2 6	6 34	0 24	16 33	1 7	19 36	0 34	22 24	0 4	23 6	0 22	22 25	1 2	1 17	16 30	21 44	21 57	19 11	17 1	5 20
W 9	4 27	20 58	0n42	9 23	2 3	7 5	0 22	16 18	1 8	19 38	0 34	22 24	0 4	23 6	0 22	22 25	1 1	1 18	16 31	21 44	21 58	19 10	17 2	5 20
T 10	4 4	19 5	1 43	8 38	2 0	7 35	0 19	16 4	1 8	19 40	0 34	22 24	0 4	23 6	0 22	22 25	1 1	1 18	16 31	21 44	21 58	19 9	17 2	5 19
F 11	3 40	16 22	2 40	7 51	1 57	8 5	0 16	15 50	1 8	19 42	0 34	22 24	0 5	23 6	0 22	22 25	1 1	1 19	16 31	21 45	21 59	19 7	17 3	5 19
S 12	3 17	12 57	3 30	7 4	1 53	8 35	0 13	15 35	1 9	19 44	0 34	22 25	0 5	23 5	0 22	22 25	1 1	1 20	16 32	21 46	21 59	19 6	17 3	5 19
S 13	2 53	8 58	4 12	6 15	1 49	9 5	0 10	15 20	1 9	19 46	0 34	22 25	0 5	23 5	0 22	22 26	1 1	1 20	16 32	21 47	22 0	19 5	17 4	5 19
M14	2 29	4 35	4 42	5 26	1 44	9 34	0 7	15 5	1 9	19 48	0 33	22 25	0 5	23 5	0 22	22 26	1 1	1 21	16 33	21 49	22 0	19 4	17 5	5 18
T 15	2 6	0s 4	4 59	4 35	1 38	10 4	0 4	14 50	1 9	19 50	0 33	22 25	0 5	23 5	0 22	22 26	1 1	1 22	16 33	21 51	22 0	19 3	17 5	5 18
W16	1 42	4 46	5 2	3 43	1 32	10 33	0 1	14 35	1 10	19 52	0 33	22 25	0 5	23 5	0 22	22 26	1 1	1 22	16 33	21 53	22 1	19 2	17 6	5 18
T 17	1 18	9 20	4 50	2 50	1 26	11 2	0n 2	14 20	1 10	19 55	0 33	22 25	0 5	23 5	0 22	22 26	1 1	1 23	16 34	21 54	22 1	19 1	17 6	5 17
F 18	0 55	13 34	4 24	1 56	1 19	11 30	0 5	14 4	1 10	19 57	0 33	22 26	0 5	23 5	0 22	22 26	1 1	1 24	16 34	21 55	22 2	19 0	17 7	5 17
S 19	0 31	17 13	3 42	1 1	1 11	11 59	0 9	13 48	1 11	19 59	0 32	22 26	0 5	23 4	0 22	22 26	1 1	1 24	16 34	21 56	22 2	18 59	17 7	5 17
S 20	0 7	20 2	2 48	0 5	1 3	12 27	0 12	13 33	1 11	20 1	0 32	22 26	0 5	23 4	0 22	22 26	1 1	1 25	16 35	21 57	22 3	18 58	17 8	5 16
M21	0n16	21 45	1 43	0n51	0 54	12 55	0 15	13 17	1 11	20 3	0 32	22 26	0 5	23 4	0 22	22 26	1 1	1 26	16 35	21 57	22 3	18 56	17 9	5 16
T 22	0 40	22 11	0 31	1 48	0 45	13 22	0 18	13 1	1 11	20 5	0 32	22 26	0 6	23 4	0 22	22 26	1 1	1 26	16 35	21 57	22 4	18 55	17 9	5 16
W23	1 4	21 11	0s44	2 45	0 35	13 49	0 21	12 44	1 12	20 7	0 32	22 26	0 6	23 4	0 22	22 26	1 1	1 27	16 36	21 57	22 4	18 54	17 10	5 15
T 24	1 27	18 48	1 58	3 42	0 25	14 16	0 24	12 28	1 12	20 9	0 31	22 26	0 6	23 4	0 22	22 26	1 1	1 28	16 36	21 57	22 5	18 53	17 10	5 15
F 25	1 51	15 10	3 5	4 40	0 15	14 43	0 28	12 12	1 12	20 12	0 31	22 26	0 6	23 4	0 22	22 26	1 1	1 28	16 36	21 58	22 5	18 52	17 11	5 15
S 26	2 14	10 33	4 0	5 37	0 4	15 9	0 31	11 55	1 12	20 14	0 31	22 26	0 6	23 4	0 22	22 26	1 1	1 29	16 36	21 59	22 5	18 51	17 12	5 15
S 27	2 38	5 20	4 38	6 34	0n 7	15 35	0 34	11 39	1 13	20 16	0 31	22 26	0 6	23 3	0 22	22 26	1 1	1 30	16 37	22 0	22 6	18 50	17 12	5 14
M28	3 1	0n 8	4 58	7 30	0 19	16 0	0 37	11 22	1 13	20 18	0 31	22 26	0 6	23 3	0 22	22 26	1 1	1 30	16 37	22 2	22 6	18 48	17 13	5 14
T 29	3 25	5 30	4 59	8 26	0 30	16 25	0 41	11 5	1 13	20 20	0 31	22 26	0 6	23 3	0 22	22 26	1 1	1 31	16 37	22 3	22 7	18 47	17 14	5 14
W30	3 48	10 27	4 42	9 20	0 42	16 50	0 44	10 48	1 13	20 23	0 30	22 26	0 6	23 3	0 22	22 26	1 1	1 32	16 38	22 5	22 7	18 46	17 14	5 13
T 31	4n11	14n44	4s 9	10n13	0n54	17n14	0n47	10s31	1s13	20n25	0s30	22n26	0n 6	23s 3	0s22	22n26	1s 1	1n32	16n38	22n 6	22n 8	18n45	17n15	5s13

Julian Day Number = 2356641.5, Delta T = 13.29 sec
Ecliptic obliquity = 23°28'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'46, Lahiri = 20°13'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

APRIL 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 38 31	11♈33'04	6♊53	26♈ 2	16♉38	6♓37	3♊50	17♋33	14♑31	2♋40	8°R 6	19°R 2	18♋55	14♌ 4	13♊22	F 1
S 2	12 42 28	12°32'07	19°34	27°50	17°50	7°24	4° 1	17°34	14°32	2°40	8♏ 5	18♋58	18°51	14°10	13°26	S 2
S 3	12 46 24	13°31'08	1♋55	29°35	19° 1	8°11	4°12	17°36	14°33	2°41	8° 3	18°57	18°48	14°17	13°29	S 3
M 4	12 50 21	14°30'07	13°59	1♉16	20°13	8°57	4°23	17°38	14°34	2°42	8° 2	18°56	18°45	14°24	13°32	M 4
T 5	12 54 17	15°29'03	25°52	2°53	21°24	9°44	4°34	17°39	14°35	2°42	8° 0	18°56	18°42	14°30	13°36	T 5
W 6	12 58 14	16°27'57	7♌41	4°26	22°35	10°31	4°45	17°41	14°35	2°43	7°59	18°55	18°39	14°37	13°39	W 6
T 7	13 2 10	17°26'49	19°29	5°54	23°46	11°17	4°57	17°43	14°36	2°44	7°57	18°52	18°36	14°44	13°43	T 7
F 8	13 6 7	18°25'39	1♍22	7°17	24°57	12° 4	5° 8	17°46	14°36	2°45	7°55	18°47	18°32	14°50	13°47	F 8
S 9	13 10 3	19°24'26	13°24	8°35	26° 8	12°51	5°20	17°48	14°37	2°46	7°54	18°39	18°29	14°57	13°50	S 9
S 10	13 14 0	20°23'11	25°38	9°48	27°19	13°37	5°32	17°50	14°37	2°47	7°52	18°28	18°26	15° 4	13°54	S 10
M11	13 17 57	21°21'54	8♎ 5	10°55	28°30	14°24	5°44	17°53	14°38	2°47	7°51	18°16	18°23	15°10	13°58	M11
T 12	13 21 53	22°20'35	20°46	11°57	29°40	15°10	5°55	17°55	14°38	2°48	7°49	18° 3	18°20	15°17	14° 2	T 12
W13	13 25 50	23°19'14	3♏42	12°53	0♊51	15°57	6° 7	17°58	14°38	2°49	7°47	17°50	18°16	15°23	14° 5	W13
T 14	13 29 46	24°17'51	16°51	13°44	2° 1	16°43	6°19	18° 1	14°39	2°50	7°46	17°38	18°13	15°30	14° 9	T 14
F 15	13 33 43	25°16'26	0♐11	14°28	3°11	17°30	6°31	18° 3	14°39	2°52	7°44	17°29	18°10	15°37	14°13	F 15
S 16	13 37 39	26°15'00	13°42	15° 7	4°22	18°16	6°43	18° 6	14°39	2°53	7°43	17°23	18° 7	15°43	14°17	S 16
S 17	13 41 36	27°13'32	27°22	15°40	5°32	19° 3	6°56	18° 9	14°39	2°54	7°41	17°20	18° 4	15°50	14°22	S 17
M18	13 45 32	28°12'02	11♑11	16° 7	6°42	19°49	7° 8	18°13	14°39	2°55	7°39	17°18	18° 1	15°57	14°26	M18
T 19	13 49 29	29°10'31	25° 8	16°27	7°51	20°36	7°20	18°16	14°R39	2°56	7°38	17°18	17°57	16° 3	14°30	T 19
W20	13 53 26	0♉ 8'58	9♒13	16°42	9° 1	21°22	7°33	18°19	14°39	2°57	7°36	17°18	17°54	16°10	14°34	W20
T 21	13 57 22	1° 7'24	23°27	16°52	10°11	22° 8	7°45	18°23	14°39	2°58	7°34	17°17	17°51	16°17	14°38	T 21
F 22	14 1 19	2° 5'48	7♓46	16°R55	11°20	22°55	7°57	18°26	14°39	3° 0	7°33	17°13	17°48	16°23	14°43	F 22
S 23	14 5 15	3° 4'10	22° 8	16°53	12°30	23°41	8°10	18°30	14°39	3° 1	7°31	17° 6	17°45	16°30	14°47	S 23
S 24	14 9 12	4° 2'31	6♈28	16°45	13°39	24°27	8°23	18°34	14°38	3° 2	7°29	16°57	17°42	16°37	14°51	S 24
M25	14 13 8	5° 0'50	20°41	16°33	14°48	25°14	8°35	18°37	14°38	3° 4	7°27	16°47	17°38	16°43	14°56	M25
T 26	14 17 5	5°59'07	4♉41	16°15	15°57	26° 0	8°48	18°41	14°38	3° 5	7°26	16°35	17°35	16°50	15° 0	T 26
W27	14 21 1	6°57'23	18°24	15°54	17° 6	26°46	9° 1	18°45	14°37	3° 6	7°24	16°25	17°32	16°57	15° 5	W27
T 28	14 24 58	7°55'37	1♊47	15°28	18°15	27°32	9°14	18°49	14°37	3° 8	7°22	16°16	17°29	17° 3	15°10	T 28
F 29	14 28 55	8°53'49	14°47	14°59	19°24	28°19	9°27	18°53	14°36	3° 9	7°21	16° 9	17°26	17°10	15°14	F 29
S 30	14 32 51	9♉51'59	27♊26	14♉27	20♊32	29♓ 5	9♊39	18♋58	14♑36	3♋11	7♏19	16♋ 5	17♋22	17♌17	15♊19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n34	18n 9	3s23	11n 5	1n 5	17n38	0n50	10s14	1s14	20n27	0s30	22n26	0n 6	23s 3	0s22	22n26	1s 0	1n33	16n38	22n 7	22n 8	18n44	17n16	5s13
S 2	4 58	20 35	2 29	11 55	1 17	18 2	0 54	9 57	1 14	20 29	0 30	22 25	0 7	23 3	0 22	22 26	1 0	1 34	16 38	22 8	22 9	18 43	17 16	5 13
S 3	5 21	21 59	1 29	12 43	1 28	18 25	0 57	9 39	1 14	20 32	0 30	22 25	0 7	23 3	0 22	22 26	1 0	1 34	16 38	22 8	22 9	18 41	17 17	5 12
M 4	5 43	22 18	0 26	13 29	1 39	18 47	1 0	9 22	1 14	20 34	0 30	22 25	0 7	23 3	0 22	22 26	1 0	1 35	16 39	22 8	22 9	18 40	17 17	5 12
T 5	6 6	21 36	0n37	14 12	1 49	19 9	1 3	9 5	1 14	20 36	0 29	22 25	0 7	23 3	0 23	22 26	1 0	1 36	16 39	22 8	22 10	18 39	17 18	5 12
W 6	6 29	19 57	1 38	14 53	1 59	19 31	1 6	8 47	1 14	20 38	0 29	22 25	0 7	23 3	0 23	22 26	1 0	1 36	16 39	22 8	22 10	18 38	17 19	5 12
T 7	6 52	17 26	2 34	15 32	2 9	19 52	1 10	8 29	1 15	20 40	0 29	22 25	0 7	23 3	0 23	22 26	1 0	1 37	16 39	22 8	22 11	18 37	17 19	5 11
F 8	7 14	14 11	3 24	16 8	2 18	20 12	1 13	8 12	1 15	20 43	0 29	22 24	0 7	23 3	0 23	22 26	1 0	1 38	16 39	22 9	22 11	18 35	17 20	5 11
S 9	7 36	10 19	4 6	16 41	2 26	20 33	1 16	7 54	1 15	20 45	0 29	22 24	0 7	23 3	0 23	22 26	1 0	1 38	16 40	22 10	22 12	18 34	17 21	5 11
S 10	7 59	5 59	4 37	17 11	2 33	20 52	1 19	7 36	1 15	20 47	0 29	22 24	0 7	23 3	0 23	22 27	1 0	1 39	16 40	22 12	22 12	18 33	17 21	5 11
M11	8 21	1 19	4 55	17 39	2 39	21 11	1 22	7 18	1 15	20 49	0 29	22 24	0 7	23 3	0 23	22 27	1 0	1 39	16 40	22 13	22 13	18 32	17 22	5 10
T 12	8 43	3s29	5 0	18 3	2 45	21 30	1 25	7 0	1 15	20 52	0 28	22 24	0 7	23 3	0 23	22 27	1 0	1 40	16 40	22 15	22 13	18 30	17 23	5 10
W13	9 4	8 14	4 49	18 25	2 49	21 48	1 28	6 42	1 15	20 54	0 28	22 23	0 7	23 3	0 23	22 27	1 0	1 41	16 40	22 17	22 13	18 29	17 23	5 10
T 14	9 26	12 42	4 23	18 44	2 53	22 5	1 31	6 24	1 15	20 56	0 28	22 23	0 8	23 3	0 23	22 27	1 0	1 41	16 40	22 18	22 14	18 28	17 24	5 10
F 15	9 47	16 36	3 42	18 59	2 55	22 22	1 34	6 6	1 15	20 58	0 28	22 23	0 8	23 3	0 23	22 27	1 0	1 42	16 40	22 20	22 14	18 27	17 25	5 10
S 16	10 9	19 42	2 48	19 12	2 56	22 38	1 37	5 48	1 16	21 0	0 28	22 22	0 8	23 3	0 23	22 27	1 0	1 42	16 40	22 20	22 15	18 26	17 25	5 9
S 17	10 30	21 43	1 43	19 22	2 56	22 54	1 40	5 30	1 16	21 3	0 28	22 22	0 8	23 3	0 23	22 27	1 0	1 43	16 40	22 21	22 15	18 24	17 26	5 9
M18	10 51	22 28	0 32	19 29	2 55	23 9	1 43	5 12	1 16	21 5	0 27	22 22	0 8	23 3	0 23	22 27	1 0	1 44	16 41	22 21	22 16	18 23	17 27	5 9
T 19	11 12	21 49	0s41	19 32	2 53	23 23	1 45	4 54	1 16	21 7	0 27	22 21	0 8	23 3	0 23	22 27	1 0	1 44	16 41	22 21	22 16	18 22	17 27	5 9
W20	11 32	19 48	1 53	19 33	2 49	23 37	1 48	4 35	1 16	21 9	0 27	22 21	0 8	23 3	0 23	22 27	1 0	1 45	16 41	22 21	22 16	18 20	17 28	5 9
T 21	11 53	16 32	2 59	19 31	2 44	23 50	1 51	4 17	1 16	21 11	0 27	22 21	0 8	23 3	0 23	22 27	1 0	1 45	16 41	22 21	22 17	18 19	17 29	5 8
F 22	12 13	12 17	3 54	19 26	2 38	24 3	1 53	3 59	1 16	21 13	0 27	22 20	0 8	23 3	0 23	22 27	1 0	1 46	16 41	22 22	22 17	18 18	17 29	5 8
S 23	12 33	7 19	4 34	19 18	2 30	24 15	1 56	3 40	1 16	21 16	0 27	22 20	0 8	23 3	0 23	22 27	1 0	1 46	16 41	22 23	22 18	18 17	17 30	5 8
S 24	12 53	1 58	4 57	19 7	2 21	24 26	1 59	3 22	1 16	21 18	0 27	22 19	0 8	23 3	0 23	22 27	1 0	1 47	16 41	22 24	22 18	18 15	17 31	5 8
M25	13 13	3n26	5 1	18 54	2 11	24 37	2 1	3 3	1 16	21 20	0 27	22 19	0 8	23 3	0 23	22 27	1 0	1 47	16 41	22 25	22 18	18 14	17 31	5 8
T 26	13 32	8 35	4 47	18 38	2 0	24 47	2 3	2 45	1 16	21 22	0 26	22 18	0 9	23 3	0 23	22 27	0 59	1 48	16 41	22 26	22 19	18 13	17 32	5 8
W27	13 51	13 13	4 17	18 20	1 47	24 56	2 6	2 27	1 16	21 24	0 26	22 18	0 9	23 3	0 23	22 27	0 59	1 48	16 41	22 28	22 19	18 11	17 33	5 7
T 28	14 10	17 4	3 33	17 59	1 34	25 5	2 8	2 8	1 16	21 26	0 26	22 18	0 9	23 3	0 23	22 27	0 59	1 49	16 41	22 29	22 20	18 10	17 33	5 7
F 29	14 29	19 59	2 38	17 37	1 19	25 13	2 10	1 50	1 16	21 28	0 26	22 17	0 9	23 3	0 23	22 27	0 59	1 49	16 41	22 30	22 20	18 9	17 34	5 7
S 30	14n48	21n49	1s38	17n13	1n 4	25n20	2n12	1s31	1s16	21n30	0s26	22n16	0n 9	23s 3	0s23	22n27	0s59	1n50	16n41	22n30	22n21	18n 7	17n34	5s 7

Julian Day Number = 2356672.5, Delta T = 13.32 sec
Ecliptic obliquity = 23°28'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'50, Lahiri = 20°13'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

MAY 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 48	10♉50'07	9♋46	13°R53	21♊41	29♓51	9♊52	19♋ 2	14°R35	3♋12	7°R17	16°R 4	17♋19	17♌23	15♊24	S 1
M 2	14 40 44	11°48'13	21°52	13♉17	22°49	0♈37	10° 6	19° 6	14♏35	3°14	7♏16	16°D 4	17°16	17°30	15°28	M 2
T 3	14 44 41	12°46'18	3♌47	12°40	23°57	1°23	10°19	19°11	14°34	3°15	7°14	16♋ 4	17°13	17°37	15°33	T 3
W 4	14 48 37	13°44'20	15°36	12° 3	25° 5	2° 9	10°32	19°16	14°33	3°17	7°12	16°R 5	17°10	17°43	15°38	W 4
T 5	14 52 34	14°42'21	27°27	11°26	26°13	2°55	10°45	19°20	14°32	3°18	7°11	16° 4	17° 7	17°50	15°43	T 5
F 6	14 56 30	15°40'19	9♍22	10°50	27°21	3°41	10°58	19°25	14°31	3°20	7° 9	16° 1	17° 3	17°57	15°48	F 6
S 7	15 0 27	16°38'16	21°28	10°15	28°28	4°27	11°11	19°30	14°31	3°22	7° 7	15°56	17° 0	18° 3	15°53	S 7
S 8	15 4 24	17°36'11	3♎48	9°43	29°35	5°12	11°25	19°35	14°30	3°23	7° 6	15°49	16°57	18°10	15°58	S 8
M 9	15 8 20	18°34'04	16°24	9°14	0♋43	5°58	11°38	19°40	14°29	3°25	7° 4	15°40	16°54	18°17	16° 2	M 9
T 10	15 12 17	19°31'56	29°19	8°47	1°50	6°44	11°51	19°45	14°28	3°27	7° 2	15°30	16°51	18°23	16° 7	T 10
W11	15 16 13	20°29'46	12♏32	8°24	2°56	7°30	12° 5	19°50	14°27	3°28	7° 1	15°21	16°47	18°30	16°13	W11
T 12	15 20 10	21°27'34	26° 2	8° 5	4° 3	8°15	12°18	19°55	14°26	3°30	6°59	15°12	16°44	18°37	16°18	T 12
F 13	15 24 6	22°25'21	9♐46	7°50	5° 9	9° 1	12°31	20° 0	14°24	3°32	6°57	15° 6	16°41	18°43	16°23	F 13
S 14	15 28 3	23°23'07	23°42	7°39	6°16	9°47	12°45	20° 6	14°23	3°34	6°56	15° 2	16°38	18°50	16°28	S 14
S 15	15 31 59	24°20'52	7♑45	7°32	7°22	10°32	12°58	20°11	14°22	3°36	6°54	15° 0	16°35	18°57	16°33	S 15
M16	15 35 56	25°18'35	21°53	7°D31	8°28	11°18	13°12	20°17	14°21	3°37	6°53	15°D 0	16°32	19° 3	16°38	M16
T 17	15 39 53	26°16'18	6♒ 4	7°33	9°33	12° 3	13°25	20°22	14°19	3°39	6°51	15° 1	16°28	19°10	16°43	T 17
W18	15 43 49	27°13'59	20°14	7°40	10°39	12°49	13°39	20°28	14°18	3°41	6°49	15° 2	16°25	19°17	16°48	W18
T 19	15 47 46	28°11'39	4♓24	7°52	11°44	13°34	13°53	20°34	14°17	3°43	6°48	15°R 2	16°22	19°23	16°54	T 19
F 20	15 51 42	29° 9'18	18°31	8° 8	12°49	14°20	14° 6	20°39	14°15	3°45	6°46	15° 0	16°19	19°30	16°59	F 20
S 21	15 55 39	0♊ 6'57	2♈33	8°29	13°54	15° 5	14°20	20°45	14°14	3°47	6°45	14°57	16°16	19°37	17° 4	S 21
S 22	15 59 35	1° 4'34	16°29	8°54	14°59	15°50	14°34	20°51	14°12	3°49	6°43	14°51	16°13	19°43	17°10	S 22
M23	16 3 32	2° 2'10	0♉15	9°23	16° 3	16°36	14°47	20°57	14°11	3°51	6°42	14°45	16° 9	19°50	17°15	M23
T 24	16 7 28	2°59'46	13°49	9°56	17° 7	17°21	15° 1	21° 3	14° 9	3°53	6°40	14°38	16° 6	19°57	17°20	T 24
W25	16 11 25	3°57'20	27° 9	10°33	18°11	18° 6	15°15	21° 9	14° 7	3°55	6°39	14°31	16° 3	20° 3	17°25	W25
T 26	16 15 22	4°54'53	10♊12	11°15	19°15	18°51	15°28	21°15	14° 6	3°57	6°37	14°26	16° 0	20°10	17°31	T 26
F 27	16 19 18	5°52'26	22°58	12° 0	20°18	19°36	15°42	21°21	14° 4	3°59	6°36	14°22	15°57	20°17	17°36	F 27
S 28	16 23 15	6°49'57	5♋28	12°48	21°21	20°21	15°56	21°28	14° 2	4° 1	6°35	14°20	15°53	20°23	17°42	S 28
S 29	16 27 11	7°47'26	17°43	13°41	22°24	21° 6	16°10	21°34	14° 1	4° 3	6°33	14°D20	15°50	20°30	17°47	S 29
M30	16 31 8	8°44'55	29°46	14°36	23°27	21°51	16°23	21°40	13°59	4° 5	6°32	14°21	15°47	20°37	17°52	M30
T 31	16 35 4	9♊42'23	11♌40	15♉36	24♋29	22♈36	16♊37	21♋47	13♑57	4♋ 7	6♏31	14♋22	15♋44	20♌43	17♊58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 6	22n33	0s34	16n47	0n48	25n27	2n15	1s13	1s16	21n32	0s26	22n16	0n 9	23s 3	0s23	22n27	0s59	1n50	16n40	22n30	22n21	18n 6	17n35	5s 7
M 2	15 24	22 12	0n31	16 20	0 31	25 33	2 17	0 55	1 15	21 34	0 26	22 15	0 9	23 4	0 23	22 27	0 59	1 51	16 40	22 30	22 21	18 5	17 36	5 7
T 3	15 42	20 51	1 33	15 53	0 14	25 38	2 18	0 36	1 15	21 36	0 25	22 15	0 9	23 4	0 23	22 27	0 59	1 51	16 40	22 30	22 22	18 4	17 36	5 7
W 4	15 59	18 35	2 31	15 25	0s 3	25 43	2 20	0 18	1 15	21 38	0 25	22 14	0 9	23 4	0 23	22 27	0 59	1 51	16 40	22 30	22 22	18 2	17 37	5 7
T 5	16 16	15 33	3 22	14 57	0 21	25 47	2 22	0n 1	1 15	21 40	0 25	22 14	0 9	23 4	0 23	22 27	0 59	1 52	16 40	22 30	22 23	18 1	17 38	5 6
F 6	16 33	11 51	4 5	14 29	0 38	25 50	2 24	0 19	1 15	21 42	0 25	22 13	0 9	23 4	0 23	22 27	0 59	1 52	16 40	22 31	22 23	17 59	17 38	5 6
S 7	16 50	7 39	4 38	14 2	0 55	25 53	2 25	0 37	1 15	21 44	0 25	22 12	0 9	23 4	0 23	22 27	0 59	1 53	16 40	22 31	22 23	17 58	17 39	5 6
S 8	17 6	3 3	4 58	13 36	1 12	25 55	2 27	0 56	1 15	21 46	0 25	22 12	0 9	23 4	0 23	22 27	0 59	1 53	16 40	22 32	22 24	17 57	17 39	5 6
M 9	17 23	1s46	5 5	13 12	1 28	25 56	2 28	1 14	1 15	21 48	0 25	22 11	0 10	23 4	0 23	22 27	0 59	1 53	16 40	22 33	22 24	17 55	17 40	5 6
T 10	17 38	6 37	4 56	12 49	1 44	25 57	2 30	1 32	1 15	21 50	0 25	22 11	0 10	23 5	0 23	22 27	0 59	1 54	16 39	22 34	22 25	17 54	17 41	5 6
W11	17 54	11 18	4 32	12 27	1 58	25 57	2 31	1 50	1 14	21 52	0 24	22 10	0 10	23 5	0 23	22 27	0 59	1 54	16 39	22 35	22 25	17 53	17 41	5 6
T 12	18 9	15 32	3 52	12 8	2 12	25 56	2 32	2 8	1 14	21 54	0 24	22 9	0 10	23 5	0 24	22 27	0 59	1 54	16 39	22 36	22 25	17 51	17 42	5 6
F 13	18 24	19 1	2 58	11 51	2 25	25 55	2 33	2 27	1 14	21 56	0 24	22 9	0 10	23 5	0 24	22 27	0 59	1 55	16 39	22 37	22 26	17 50	17 42	5 6
S 14	18 39	21 27	1 52	11 36	2 37	25 53	2 34	2 45	1 14	21 57	0 24	22 8	0 10	23 5	0 24	22 27	0 59	1 55	16 39	22 37	22 26	17 49	17 43	5 6
S 15	18 53	22 36	0 39	11 24	2 48	25 50	2 35	3 3	1 14	21 59	0 24	22 7	0 10	23 5	0 24	22 27	0 59	1 55	16 38	22 38	22 27	17 47	17 43	5 6
M16	19 7	22 18	0s37	11 14	2 58	25 47	2 35	3 21	1 14	22 1	0 24	22 6	0 10	23 5	0 24	22 27	0 59	1 56	16 38	22 38	22 27	17 46	17 44	5 6
T 17	19 21	20 35	1 51	11 6	3 7	25 43	2 36	3 39	1 13	22 3	0 24	22 6	0 10	23 6	0 24	22 27	0 59	1 56	16 38	22 38	22 27	17 44	17 45	5 5
W18	19 34	17 35	2 58	11 1	3 14	25 39	2 36	3 57	1 13	22 5	0 24	22 5	0 10	23 6	0 24	22 27	0 59	1 56	16 38	22 37	22 28	17 43	17 45	5 5
T 19	19 47	13 33	3 55	10 59	3 21	25 33	2 37	4 15	1 13	22 6	0 24	22 4	0 10	23 6	0 24	22 27	0 59	1 56	16 38	22 37	22 28	17 42	17 46	5 5
F 20	20 0	8 47	4 37	10 58	3 27	25 28	2 37	4 32	1 13	22 8	0 23	22 3	0 10	23 6	0 24	22 26	0 59	1 57	16 37	22 38	22 28	17 40	17 46	5 5
S 21	20 12	3 36	5 2	11 1	3 31	25 21	2 37	4 50	1 13	22 10	0 23	22 2	0 10	23 6	0 24	22 26	0 59	1 57	16 37	22 38	22 29	17 39	17 47	5 5
S 22	20 24	1n44	5 9	11 5	3 35	25 14	2 37	5 8	1 12	22 12	0 23	22 2	0 11	23 6	0 24	22 26	0 59	1 57	16 37	22 39	22 29	17 37	17 47	5 5
M23	20 36	6 56	4 58	11 11	3 38	25 6	2 37	5 25	1 12	22 13	0 23	22 1	0 11	23 7	0 24	22 26	0 59	1 57	16 37	22 39	22 30	17 36	17 48	5 5
T 24	20 47	11 43	4 30	11 20	3 40	24 58	2 37	5 43	1 12	22 15	0 23	22 0	0 11	23 7	0 24	22 26	0 59	1 57	16 36	22 40	22 30	17 34	17 48	5 5
W25	20 58	15 51	3 48	11 31	3 41	24 49	2 37	6 0	1 12	22 16	0 23	21 59	0 11	23 7	0 24	22 26	0 59	1 58	16 36	22 41	22 30	17 33	17 49	5 5
T 26	21 9	19 8	2 55	11 43	3 41	24 40	2 36	6 18	1 11	22 18	0 23	21 58	0 11	23 7	0 24	22 26	0 59	1 58	16 36	22 41	22 31	17 32	17 49	5 5
F 27	21 19	21 24	1 54	11 58	3 40	24 30	2 36	6 35	1 11	22 20	0 23	21 57	0 11	23 7	0 24	22 26	0 58	1 58	16 35	22 42	22 31	17 30	17 50	5 5
S 28	21 29	22 33	0 48	12 14	3 38	24 19	2 35	6 52	1 11	22 21	0 23	21 56	0 11	23 8	0 24	22 26	0 58	1 58	16 35	22 42	22 31	17 29	17 50	5 5
S 29	21 38	22 36	0n18	12 32	3 36	24 8	2 34	7 9	1 10	22 23	0 23	21 55	0 11	23 8	0 24	22 26	0 58	1 58	16 35	22 42	22 32	17 27	17 51	5 5
M30	21 47	21 35	1 23	12 51	3 33	23 57	2 33	7 26	1 10	22 24	0 22	21 55	0 11	23 8	0 24	22 26	0 58	1 58	16 34	22 42	22 32	17 26	17 51	5 5
T 31	21n56	19n37	2n24	13n12	3s29	23n45	2n32	7n43	1s10	22n26	0s22	21n54	0n11	23s 8	0s24	22n26	0s58	1n58	16n34	22n42	22n33	17n24	17n51	5s 5

Julian Day Number = 2356702.5, Delta T = 13.34 sec
Ecliptic obliquity = 23°28'20, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'55, Lahiri = 20°13'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

JUNE 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 1	10♊39'49	23♌31	16♉38	25♋31	23♈20	16♊51	21♋53	13°R55	4♋ 9	6°R29	14♋24	15♋41	20♌50	18♊ 3	W 1
T 2	16 42 57	11°37'14	5♍21	17°44	26°33	24° 5	17° 5	22° 0	13♏53	4°11	6♏28	14°25	15°38	20°57	18° 9	T 2
F 3	16 46 54	12°34'38	17°18	18°53	27°34	24°50	17°19	22° 6	13°51	4°13	6°27	14°R25	15°34	21° 3	18°14	F 3
S 4	16 50 51	13°32'01	29°24	20° 5	28°36	25°34	17°33	22°13	13°49	4°15	6°25	14°24	15°31	21°10	18°20	S 4
S 5	16 54 47	14°29'22	11♎46	21°21	29°36	26°19	17°46	22°20	13°47	4°17	6°24	14°21	15°28	21°17	18°25	S 5
M 6	16 58 44	15°26'43	24°26	22°39	0♌37	27° 3	18° 0	22°26	13°45	4°19	6°23	14°18	15°25	21°23	18°31	M 6
T 7	17 2 40	16°24'03	7♏27	24° 1	1°37	27°48	18°14	22°33	13°43	4°21	6°22	14°14	15°22	21°30	18°36	T 7
W 8	17 6 37	17°21'22	20°51	25°25	2°36	28°32	18°28	22°40	13°41	4°24	6°21	14°10	15°19	21°37	18°41	W 8
T 9	17 10 33	18°18'40	4♐36	26°52	3°36	29°16	18°42	22°47	13°39	4°26	6°19	14° 6	15°15	21°43	18°47	T 9
F 10	17 14 30	19°15'57	18°40	28°23	4°35	0♑ 1	18°56	22°54	13°37	4°28	6°18	14° 3	15°12	21°50	18°52	F 10
S 11	17 18 26	20°13'14	3♑ 0	29°56	5°33	0°45	19° 9	23° 1	13°35	4°30	6°17	14° 2	15° 9	21°57	18°58	S 11
S 12	17 22 23	21°10'30	17°29	1♒32	6°31	1°29	19°23	23° 8	13°33	4°32	6°16	14°D 2	15° 6	22° 4	19° 3	S 12
M13	17 26 20	22° 7'45	2♓ 3	3°11	7°29	2°13	19°37	23°15	13°30	4°34	6°15	14° 2	15° 3	22°10	19° 9	M13
T 14	17 30 16	23° 5'01	16°35	4°53	8°26	2°57	19°51	23°22	13°28	4°37	6°14	14° 4	14°59	22°17	19°14	T 14
W15	17 34 13	24° 2'16	1♈ 2	6°38	9°23	3°41	20° 5	23°29	13°26	4°39	6°13	14° 5	14°56	22°24	19°20	W15
T 16	17 38 9	24°59'30	15°19	8°25	10°19	4°25	20°18	23°36	13°24	4°41	6°12	14° 6	14°53	22°30	19°25	T 16
F 17	17 42 6	25°56'45	29°25	10°15	11°15	5° 9	20°32	23°43	13°21	4°43	6°11	14°R 6	14°50	22°37	19°31	F 17
S 18	17 46 2	26°53'59	13♈18	12° 8	12°10	5°52	20°46	23°50	13°19	4°46	6°10	14° 5	14°47	22°44	19°36	S 18
S 19	17 49 59	27°51'14	26°57	14° 4	13° 5	6°36	21° 0	23°57	13°17	4°48	6° 9	14° 4	14°44	22°50	19°42	S 19
M20	17 53 55	28°48'28	10♉21	16° 1	13°59	7°20	21°14	24° 5	13°15	4°50	6° 8	14° 2	14°40	22°57	19°47	M20
T 21	17 57 52	29°45'42	23°31	18° 2	14°53	8° 3	21°27	24°12	13°12	4°52	6° 8	14° 0	14°37	23° 4	19°53	T 21
W22	18 1 49	0♋42'56	6♊27	20° 4	15°46	8°47	21°41	24°19	13°10	4°54	6° 7	13°58	14°34	23°10	19°58	W22
T 23	18 5 45	1°40'10	19° 9	22° 8	16°39	9°30	21°55	24°27	13° 8	4°57	6° 6	13°57	14°31	23°17	20° 3	T 23
F 24	18 9 42	2°37'24	1♋37	24°14	17°31	10°14	22° 9	24°34	13° 5	4°59	6° 5	13°56	14°28	23°24	20° 9	F 24
S 25	18 13 38	3°34'38	13°54	26°21	18°22	10°57	22°22	24°42	13° 3	5° 1	6° 5	13°D56	14°25	23°30	20°14	S 25
S 26	18 17 35	4°31'51	26° 0	28°30	19°13	11°40	22°36	24°49	13° 0	5° 3	6° 4	13°56	14°21	23°37	20°20	S 26
M27	18 21 31	5°29'04	7♌58	0♋39	20° 3	12°23	22°50	24°57	12°58	5° 6	6° 3	13°57	14°18	23°44	20°25	M27
T 28	18 25 28	6°26'17	19°50	2°49	20°52	13° 6	23° 3	25° 4	12°56	5° 8	6° 3	13°57	14°15	23°50	20°30	T 28
W29	18 29 25	7°23'30	1♍40	5° 0	21°41	13°49	23°17	25°12	12°53	5°10	6° 2	13°58	14°12	23°57	20°36	W29
T 30	18 33 21	8♋20'42	13♍30	7♋10	22♌28	14♉32	23♊30	25♋19	12♏51	5♋12	6♏ 2	13♋59	14♋ 9	24♌ 4	20♊41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n 5	16n49	3n18	13n34	3s24	23n32	2n31	8n 0	1s 9	22n27	0s22	21n53	0n11	23s 8	0s24	22n26	0s58	1n58	16n34	22n42	22n33	17n23	17n52	5s 5	W 1
T 2	22 13	13 20	4 3	13 58	3 19	23 19	2 29	8 17	1 9	22 29	0 22	21 52	0 11	23 9	0 24	22 26	0 58	1 58	16 33	22 41	22 33	17 21	17 52	5 5	T 2
F 3	22 20	9 18	4 39	14 22	3 13	23 5	2 28	8 34	1 9	22 30	0 22	21 51	0 11	23 9	0 24	22 26	0 58	1 58	16 33	22 41	22 34	17 20	17 53	5 5	F 3
S 4	22 27	4 52	5 3	14 48	3 6	22 51	2 26	8 50	1 8	22 31	0 22	21 50	0 12	23 9	0 24	22 26	0 58	1 58	16 33	22 42	22 34	17 18	17 53	5 5	S 4
S 5	22 34	0 9	5 13	15 14	2 59	22 36	2 24	9 7	1 8	22 33	0 22	21 49	0 12	23 9	0 24	22 26	0 58	1 58	16 32	22 42	22 34	17 17	17 54	5 6	S 5
M 6	22 41	4s42	5 8	15 41	2 52	22 21	2 22	9 23	1 8	22 34	0 22	21 48	0 12	23 10	0 24	22 26	0 58	1 58	16 32	22 42	22 35	17 15	17 54	5 6	M 6
T 7	22 47	9 28	4 48	16 9	2 44	22 6	2 20	9 39	1 7	22 35	0 22	21 47	0 12	23 10	0 24	22 26	0 58	1 58	16 31	22 43	22 35	17 14	17 54	5 6	T 7
W 8	22 52	13 57	4 12	16 38	2 35	21 50	2 17	9 56	1 7	22 37	0 22	21 46	0 12	23 10	0 24	22 26	0 58	1 58	16 31	22 43	22 36	17 12	17 55	5 6	W 8
T 9	22 57	17 49	3 20	17 7	2 26	21 34	2 15	10 12	1 6	22 38	0 21	21 45	0 12	23 10	0 24	22 26	0 58	1 58	16 30	22 43	22 36	17 11	17 55	5 6	T 9
F 10	23 2	20 45	2 15	17 36	2 16	21 17	2 12	10 28	1 6	22 39	0 21	21 43	0 12	23 11	0 24	22 26	0 58	1 58	16 30	22 44	22 36	17 9	17 55	5 6	F 10
S 11	23 7	22 26	1 0	18 6	2 7	21 0	2 9	10 44	1 6	22 41	0 21	21 42	0 12	23 11	0 24	22 26	0 58	1 58	16 30	22 44	22 37	17 8	17 56	5 6	S 11
S 12	23 11	22 39	0s19	18 36	1 56	20 43	2 6	10 59	1 5	22 42	0 21	21 41	0 12	23 11	0 24	22 26	0 58	1 58	16 29	22 44	22 37	17 6	17 56	5 6	S 12
M13	23 14	21 19	1 38	19 6	1 46	20 25	2 3	11 15	1 5	22 43	0 21	21 40	0 12	23 11	0 24	22 25	0 58	1 58	16 29	22 44	22 37	17 5	17 56	5 6	M13
T 14	23 17	18 35	2 50	19 35	1 35	20 7	2 0	11 30	1 4	22 44	0 21	21 39	0 12	23 11	0 24	22 25	0 58	1 58	16 28	22 44	22 38	17 3	17 57	5 6	T 14
W15	23 20	14 43	3 51	20 4	1 24	19 48	1 56	11 46	1 4	22 45	0 21	21 38	0 12	23 12	0 24	22 25	0 58	1 58	16 28	22 44	22 38	17 2	17 57	5 6	W15
T 16	23 23	10 3	4 37	20 33	1 12	19 29	1 53	12 1	1 3	22 46	0 21	21 37	0 12	23 12	0 24	22 25	0 58	1 58	16 27	22 44	22 38	17 0	17 57	5 7	T 16
F 17	23 25	4 54	5 5	21 1	1 1	19 10	1 49	12 16	1 3	22 47	0 21	21 36	0 13	23 12	0 24	22 25	0 58	1 58	16 27	22 43	22 39	16 59	17 58	5 7	F 17
S 18	23 26	0n25	5 16	21 28	0 49	18 51	1 45	12 31	1 2	22 48	0 21	21 34	0 13	23 12	0 24	22 25	0 58	1 57	16 26	22 44	22 39	16 57	17 58	5 7	S 18
S 19	23 27	5 37	5 8	21 54	0 38	18 31	1 41	12 46	1 2	22 49	0 21	21 33	0 13	23 13	0 24	22 25	0 58	1 57	16 26	22 44	22 39	16 56	17 58	5 7	S 19
M20	23 28	10 28	4 43	22 18	0 26	18 11	1 36	13 0	1 1	22 50	0 20	21 32	0 13	23 13	0 24	22 25	0 58	1 57	16 25	22 44	22 40	16 54	17 59	5 7	M20
T 21	23 28	14 44	4 4	22 41	0 15	17 51	1 32	13 15	1 1	22 51	0 20	21 31	0 13	23 13	0 24	22 25	0 58	1 57	16 25	22 44	22 40	16 52	17 59	5 7	T 21
W22	23 28	18 15	3 13	23 3	0 3	17 31	1 27	13 29	1 0	22 52	0 20	21 30	0 13	23 13	0 24	22 25	0 58	1 57	16 24	22 44	22 40	16 51	17 59	5 7	W22
T 23	23 28	20 49	2 13	23 22	0n 8	17 10	1 22	13 44	1 0	22 53	0 20	21 28	0 13	23 14	0 24	22 25	0 58	1 56	16 24	22 44	22 41	16 49	17 59	5 8	T 23
F 24	23 27	22 20	1 8	23 39	0 18	16 49	1 17	13 58	0 59	22 54	0 20	21 27	0 13	23 14	0 24	22 25	0 58	1 56	16 23	22 45	22 41	16 48	18 0	5 8	F 24
S 25	23 25	22 45	0 0	23 54	0 29	16 29	1 11	14 12	0 59	22 55	0 20	21 26	0 13	23 14	0 24	22 25	0 58	1 56	16 23	22 45	22 42	16 46	18 0	5 8	S 25
S 26	23 24	22 4	1n 6	24 7	0 39	16 7	1 6	14 26	0 58	22 56	0 20	21 25	0 13	23 14	0 24	22 25	0 58	1 56	16 22	22 45	22 42	16 45	18 0	5 8	S 26
M27	23 22	20 23	2 9	24 17	0 48	15 46	1 0	14 39	0 58	22 57	0 20	21 23	0 13	23 15	0 24	22 25	0 58	1 55	16 22	22 44	22 42	16 43	18 0	5 8	M27
T 28	23 19	17 50	3 6	24 24	0 57	15 25	0 54	14 53	0 57	22 58	0 20	21 22	0 13	23 15	0 24	22 24	0 58	1 55	16 21	22 44	22 43	16 41	18 0	5 8	T 28
W29	23 16	14 33	3 55	24 28	1 6	15 3	0 48	15 6	0 57	22 58	0 20	21 21	0 14	23 15	0 24	22 24	0 58	1 55	16 21	22 44	22 43	16 40	18 0	5 9	W29
T 30	23n13	10n42	4n34	24n30	1n13	14n42	0n41	15n20	0s56	22n59	0s20	21n20	0n14	23s15	0s24	22n24	0s58	1n54	16n20	22n44	22n43	16n38	18n 1	5s 9	T 30

Julian Day Number = 2356733.5, Delta T = 13.36 sec
Ecliptic obliquity = 23°28'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'59, Lahiri = 20°13'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

JULY 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 37 18	9♋17'54	25♍26	9♋21	23♌15	15♉15	23♊44	25♋27	12°R48	5♋15	6°R 1	13♋59	14♋ 5	24♌10	20♊46	F 1
S 2	18 41 14	10°15'06	7♎32	11°31	24° 1	15°58	23°57	25°34	12♏46	5°17	6♏ 1	13°R59	14° 2	24°17	20°52	S 2
S 3	18 45 11	11°12'17	19°51	13°40	24°47	16°40	24°11	25°42	12°44	5°19	6° 0	13°59	13°59	24°24	20°57	S 3
M 4	18 49 7	12° 9'28	2♏30	15°48	25°31	17°23	24°24	25°49	12°41	5°21	6° 0	13°59	13°56	24°30	21° 2	M 4
T 5	18 53 4	13° 6'40	15°30	17°55	26°15	18° 5	24°38	25°57	12°39	5°23	5°59	13°59	13°53	24°37	21° 8	T 5
W 6	18 57 0	14° 3'51	28°55	20° 1	26°57	18°48	24°51	26° 5	12°36	5°26	5°59	13°D59	13°50	24°44	21°13	W 6
T 7	19 0 57	15° 1'02	12♐45	22° 6	27°39	19°30	25° 5	26°12	12°34	5°28	5°59	13°59	13°46	24°50	21°18	T 7
F 8	19 4 54	15°58'14	27° 0	24° 9	28°19	20°12	25°18	26°20	12°32	5°30	5°58	13°59	13°43	24°57	21°23	F 8
S 9	19 8 50	16°55'25	11♑35	26°10	28°58	20°54	25°31	26°28	12°29	5°32	5°58	13°R59	13°40	25° 4	21°28	S 9
S 10	19 12 47	17°52'37	26°25	28°10	29°37	21°37	25°44	26°36	12°27	5°34	5°58	13°59	13°37	25°10	21°33	S 10
M11	19 16 43	18°49'49	11♒23	0♌ 8	0♍14	22°19	25°58	26°43	12°24	5°37	5°58	13°59	13°34	25°17	21°38	M11
T 12	19 20 40	19°47'01	26°19	2° 4	0°50	23° 1	26°11	26°51	12°22	5°39	5°57	13°58	13°31	25°24	21°44	T 12
W13	19 24 36	20°44'14	11♓ 7	3°59	1°24	23°42	26°24	26°59	12°20	5°41	5°57	13°58	13°27	25°31	21°49	W13
T 14	19 28 33	21°41'28	25°41	5°52	1°58	24°24	26°37	27° 6	12°17	5°43	5°57	13°57	13°24	25°37	21°54	T 14
F 15	19 32 29	22°38'42	9♈55	7°43	2°30	25° 6	26°50	27°14	12°15	5°45	5°57	13°56	13°21	25°44	21°59	F 15
S 16	19 36 26	23°35'57	23°48	9°32	3° 0	25°47	27° 3	27°22	12°12	5°47	5°D57	13°D56	13°18	25°51	22° 4	S 16
S 17	19 40 23	24°33'13	7♉20	11°19	3°29	26°29	27°16	27°30	12°10	5°50	5°57	13°56	13°15	25°57	22° 8	S 17
M18	19 44 19	25°30'30	20°32	13° 4	3°57	27°10	27°29	27°37	12° 8	5°52	5°57	13°57	13°11	26° 4	22°13	M18
T 19	19 48 16	26°27'48	3♊25	14°48	4°23	27°52	27°42	27°45	12° 5	5°54	5°57	13°58	13° 8	26°11	22°18	T 19
W20	19 52 12	27°25'06	16° 2	16°30	4°48	28°33	27°55	27°53	12° 3	5°56	5°57	13°59	13° 5	26°17	22°23	W20
T 21	19 56 9	28°22'26	28°26	18°10	5°10	29°14	28° 8	28° 1	12° 1	5°58	5°58	14° 0	13° 2	26°24	22°28	T 21
F 22	20 0 5	29°19'46	10♋39	19°48	5°31	29°55	28°21	28° 9	11°58	6° 0	5°58	14°R 1	12°59	26°31	22°33	F 22
S 23	20 4 2	0♌17'07	22°43	21°25	5°51	0♊36	28°33	28°16	11°56	6° 2	5°58	14° 1	12°56	26°37	22°37	S 23
S 24	20 7 58	1°14'28	4♌41	23° 0	6° 8	1°17	28°46	28°24	11°54	6° 4	5°58	14° 0	12°52	26°44	22°42	S 24
M25	20 11 55	2°11'51	16°33	24°33	6°24	1°58	28°58	28°32	11°52	6° 6	5°58	13°58	12°49	26°51	22°47	M25
T 26	20 15 52	3° 9'14	28°23	26° 4	6°37	2°39	29°11	28°40	11°50	6° 8	5°59	13°55	12°46	26°57	22°51	T 26
W27	20 19 48	4° 6'37	10♍12	27°33	6°49	3°19	29°24	28°47	11°47	6°10	5°59	13°52	12°43	27° 4	22°56	W27
T 28	20 23 45	5° 4'02	22° 4	29° 1	6°59	4° 0	29°36	28°55	11°45	6°12	6° 0	13°49	12°40	27°11	23° 0	T 28
F 29	20 27 41	6° 1'27	4♎ 1	0♍26	7° 6	4°40	29°48	29° 3	11°43	6°14	6° 0	13°46	12°37	27°17	23° 5	F 29
S 30	20 31 38	6°58'52	16° 6	1°50	7°11	5°20	0♋ 1	29°11	11°41	6°16	6° 0	13°43	12°33	27°24	23° 9	S 30
S 31	20 35 34	7♌56'19	28♎24	3♍12	7♍14	6♊ 0	0♋13	29♋18	11♑39	6♋18	6♏ 1	13♋42	12♋30	27♌31	23♊14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n 9	6n25	5n 1	24n29	1n20	14n20	0n35	15n33	0s55	23n 0	0s20	21n18	0n14	23s16	0s24	22n24	0s58	1n54	16n20	22n44	22n44	16n37	18n 1	5s 9	F 1
S 2	23 5	1 50	5 15	24 25	1 27	13 58	0 28	15 46	0 55	23 1	0 19	21 17	0 14	23 16	0 24	22 24	0 58	1 54	16 19	22 44	22 44	16 35	18 1	5 9	S 2
S 3	23 0	2s54	5 16	24 18	1 32	13 37	0 21	15 58	0 54	23 1	0 19	21 16	0 14	23 16	0 24	22 24	0 58	1 53	16 19	22 44	22 44	16 33	18 1	5 9	S 3
M 4	22 55	7 38	5 1	24 8	1 37	13 15	0 14	16 11	0 54	23 2	0 19	21 14	0 14	23 16	0 24	22 24	0 58	1 53	16 18	22 44	22 45	16 32	18 1	5 10	M 4
T 5	22 50	12 11	4 31	23 56	1 41	12 53	0 6	16 24	0 53	23 3	0 19	21 13	0 14	23 17	0 24	22 24	0 58	1 52	16 18	22 44	22 45	16 30	18 1	5 10	T 5
W 6	22 44	16 17	3 45	23 42	1 44	12 31	0s 2	16 36	0 52	23 3	0 19	21 12	0 14	23 17	0 24	22 24	0 58	1 52	16 17	22 44	22 45	16 28	18 1	5 10	W 6
T 7	22 38	19 38	2 45	23 25	1 47	12 10	0 10	16 48	0 52	23 4	0 19	21 10	0 14	23 17	0 24	22 24	0 58	1 52	16 16	22 44	22 46	16 27	18 2	5 10	T 7
F 8	22 31	21 53	1 33	23 6	1 49	11 48	0 18	17 0	0 51	23 4	0 19	21 9	0 14	23 17	0 24	22 24	0 58	1 51	16 16	22 44	22 46	16 25	18 2	5 11	F 8
S 9	22 24	22 45	0 13	22 45	1 50	11 26	0 26	17 12	0 51	23 5	0 19	21 7	0 14	23 17	0 24	22 24	0 58	1 51	16 15	22 44	22 46	16 24	18 2	5 11	S 9
S 10	22 17	22 1	1s 9	22 21	1 50	11 5	0 35	17 23	0 50	23 5	0 19	21 6	0 14	23 18	0 24	22 23	0 58	1 50	16 15	22 44	22 46	16 22	18 2	5 11	S 10
M11	22 9	19 44	2 26	21 56	1 50	10 44	0 44	17 35	0 49	23 6	0 19	21 5	0 15	23 18	0 24	22 23	0 58	1 50	16 14	22 44	22 47	16 20	18 2	5 11	M11
T 12	22 1	16 7	3 34	21 30	1 49	10 22	0 53	17 46	0 49	23 6	0 19	21 3	0 15	23 18	0 25	22 23	0 58	1 49	16 14	22 44	22 47	16 19	18 2	5 12	T 12
W13	21 52	11 31	4 27	21 2	1 48	10 1	1 2	17 57	0 48	23 7	0 19	21 2	0 15	23 18	0 25	22 23	0 58	1 49	16 13	22 44	22 47	16 17	18 2	5 12	W13
T 14	21 43	6 19	5 1	20 32	1 45	9 40	1 12	18 8	0 47	23 7	0 18	21 0	0 15	23 19	0 25	22 23	0 58	1 48	16 13	22 44	22 48	16 15	18 2	5 12	T 14
F 15	21 34	0 55	5 16	20 1	1 43	9 20	1 22	18 19	0 46	23 8	0 18	20 59	0 15	23 19	0 25	22 23	0 58	1 48	16 12	22 44	22 48	16 14	18 2	5 12	F 15
S 16	21 24	4n25	5 12	19 29	1 39	8 59	1 32	18 29	0 46	23 8	0 18	20 58	0 15	23 19	0 25	22 23	0 58	1 47	16 11	22 45	22 48	16 12	18 2	5 13	S 16
S 17	21 14	9 23	4 51	18 56	1 36	8 39	1 42	18 40	0 45	23 8	0 18	20 56	0 15	23 19	0 25	22 23	0 58	1 47	16 11	22 44	22 49	16 10	18 2	5 13	S 17
M18	21 4	13 49	4 15	18 22	1 31	8 19	1 53	18 50	0 44	23 9	0 18	20 55	0 15	23 20	0 25	22 23	0 58	1 46	16 10	22 44	22 49	16 9	18 2	5 13	M18
T 19	20 53	17 29	3 26	17 48	1 26	8 0	2 3	19 0	0 44	23 9	0 18	20 53	0 15	23 20	0 25	22 23	0 58	1 45	16 10	22 44	22 49	16 7	18 2	5 14	T 19
W20	20 42	20 16	2 29	17 12	1 21	7 41	2 14	19 10	0 43	23 9	0 18	20 52	0 15	23 20	0 25	22 23	0 58	1 45	16 9	22 44	22 50	16 5	18 2	5 14	W20
T 21	20 31	22 3	1 25	16 36	1 15	7 22	2 26	19 20	0 42	23 10	0 18	20 50	0 15	23 20	0 25	22 22	0 58	1 44	16 8	22 44	22 50	16 3	18 2	5 14	T 21
F 22	20 19	22 44	0 19	15 59	1 9	7 4	2 37	19 29	0 41	23 10	0 18	20 49	0 15	23 20	0 25	22 22	0 58	1 44	16 8	22 44	22 50	16 2	18 2	5 15	F 22
S 23	20 7	22 21	0n48	15 22	1 3	6 46	2 49	19 39	0 41	23 10	0 18	20 47	0 16	23 21	0 25	22 22	0 58	1 43	16 7	22 44	22 51	16 0	18 2	5 15	S 23
S 24	19 55	20 56	1 52	14 45	0 56	6 28	3 1	19 48	0 40	23 10	0 18	20 46	0 16	23 21	0 25	22 22	0 58	1 42	16 7	22 44	22 51	15 58	18 2	5 15	S 24
M25	19 42	18 36	2 50	14 7	0 48	6 11	3 13	19 57	0 39	23 10	0 18	20 44	0 16	23 21	0 25	22 22	0 58	1 42	16 6	22 44	22 51	15 57	18 1	5 16	M25
T 26	19 29	15 30	3 41	13 29	0 41	5 55	3 25	20 5	0 38	23 11	0 18	20 43	0 16	23 21	0 25	22 22	0 58	1 41	16 6	22 45	22 52	15 55	18 1	5 16	T 26
W27	19 15	11 48	4 22	12 51	0 33	5 39	3 38	20 14	0 38	23 11	0 18	20 41	0 16	23 21	0 25	22 22	0 58	1 40	16 5	22 45	22 52	15 53	18 1	5 16	W27
T 28	19 2	7 37	4 52	12 13	0 24	5 24	3 50	20 22	0 37	23 11	0 17	20 40	0 16	23 22	0 25	22 22	0 58	1 40	16 4	22 45	22 52	15 51	18 1	5 17	T 28
F 29	18 48	3 9	5 10	11 35	0 16	5 9	4 3	20 31	0 36	23 11	0 17	20 38	0 16	23 22	0 25	22 22	0 58	1 39	16 4	22 46	22 52	15 50	18 1	5 17	F 29
S 30	18 33	1s30	5 14	10 57	0 7	4 55	4 16	20 39	0 35	23 11	0 17	20 37	0 16	23 22	0 25	22 22	0 58	1 38	16 3	22 46	22 53	15 48	18 1	5 17	S 30
S 31	18n19	6s11	5n 4	10n19	0s 2	4n42	4s29	20n47	0s34	23n11	0s17	20n35	0n16	23s22	0s25	22n21	0s58	1n38	16n 3	22n46	22n53	15n46	18n 1	5s18	S 31

Julian Day Number = 2356763.5, Delta T = 13.38 sec
Ecliptic obliquity = 23°28'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'03, Lahiri = 20°14'03Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

AUGUST 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 39 31	8♌53'46	10♏58	4♍32	7°R15	6♊41	0♋25	29♋26	11°R37	6♋20	6♏ 1	13°D41	12♋27	27♌37	23♊18	M 1
T 2	20 43 27	9°51'14	23°54	5°50	7♍13	7°21	0°37	29°34	11♑35	6°22	6° 2	13♋42	12°24	27°44	23°22	T 2
W 3	20 47 24	10°48'42	7♐13	7° 6	7° 9	8° 0	0°49	29°41	11°33	6°24	6° 3	13°43	12°21	27°51	23°27	W 3
T 4	20 51 21	11°46'12	20°58	8°20	7° 2	8°40	1° 1	29°49	11°31	6°26	6° 3	13°45	12°17	27°58	23°31	T 4
F 5	20 55 17	12°43'42	5♑11	9°31	6°53	9°20	1°13	29°57	11°29	6°28	6° 4	13°46	12°14	28° 4	23°35	F 5
S 6	20 59 14	13°41'14	19°49	10°41	6°42	9°59	1°25	0♌ 4	11°27	6°30	6° 5	13°R46	12°11	28°11	23°39	S 6
S 7	21 3 10	14°38'46	4♒47	11°48	6°29	10°39	1°37	0°12	11°25	6°32	6° 5	13°45	12° 8	28°18	23°43	S 7
M 8	21 7 7	15°36'19	19°58	12°52	6°13	11°18	1°48	0°20	11°23	6°34	6° 6	13°42	12° 5	28°24	23°47	M 8
T 9	21 11 3	16°33'53	5♓12	13°55	5°54	11°57	2° 0	0°27	11°21	6°35	6° 7	13°38	12° 2	28°31	23°51	T 9
W10	21 15 0	17°31'29	20°19	14°54	5°34	12°36	2°11	0°35	11°19	6°37	6° 8	13°33	11°58	28°38	23°55	W10
T 11	21 18 56	18°29'06	5♈10	15°51	5°11	13°15	2°23	0°42	11°18	6°39	6° 8	13°29	11°55	28°44	23°59	T 11
F 12	21 22 53	19°26'45	19°37	16°45	4°46	13°54	2°34	0°50	11°16	6°41	6° 9	13°25	11°52	28°51	24° 3	F 12
S 13	21 26 50	20°24'25	3♉38	17°36	4°19	14°33	2°46	0°57	11°14	6°42	6°10	13°22	11°49	28°58	24° 7	S 13
S 14	21 30 46	21°22'07	17°12	18°23	3°50	15°12	2°57	1° 5	11°13	6°44	6°11	13°D21	11°46	29° 4	24°10	S 14
M15	21 34 43	22°19'50	0♊20	19° 8	3°20	15°50	3° 8	1°12	11°11	6°46	6°12	13°21	11°43	29°11	24°14	M15
T 16	21 38 39	23°17'35	13° 6	19°48	2°48	16°29	3°19	1°20	11° 9	6°48	6°13	13°22	11°39	29°18	24°18	T 16
W17	21 42 36	24°15'22	25°33	20°25	2°15	17° 7	3°30	1°27	11° 8	6°49	6°14	13°24	11°36	29°24	24°21	W17
T 18	21 46 32	25°13'11	7♋46	20°58	1°40	17°45	3°41	1°34	11° 6	6°51	6°15	13°R25	11°33	29°31	24°25	T 18
F 19	21 50 29	26°11'01	19°48	21°27	1° 5	18°23	3°52	1°42	11° 5	6°52	6°16	13°25	11°30	29°38	24°28	F 19
S 20	21 54 25	27° 8'52	1♌43	21°51	0°28	19° 1	4° 2	1°49	11° 3	6°54	6°18	13°23	11°27	29°45	24°32	S 20
S 21	21 58 22	28° 6'46	13°34	22°10	29♌52	19°39	4°13	1°56	11° 2	6°56	6°19	13°19	11°23	29°51	24°35	S 21
M22	22 2 19	29° 4'40	25°23	22°25	29°14	20°17	4°23	2° 4	11° 0	6°57	6°20	13°13	11°20	29°58	24°38	M22
T 23	22 6 15	0♍ 2'37	7♍13	22°34	28°37	20°54	4°34	2°11	10°59	6°59	6°21	13° 5	11°17	0♍ 5	24°41	T 23
W24	22 10 12	1° 0'35	19° 5	22°R38	28° 0	21°32	4°44	2°18	10°58	7° 0	6°23	12°56	11°14	0°11	24°44	W24
T 25	22 14 8	1°58'34	1♎ 1	22°35	27°24	22° 9	4°54	2°25	10°57	7° 2	6°24	12°47	11°11	0°18	24°48	T 25
F 26	22 18 5	2°56'35	13° 2	22°27	26°48	22°46	5° 4	2°32	10°55	7° 3	6°25	12°38	11° 8	0°25	24°51	F 26
S 27	22 22 1	3°54'37	25°12	22°13	26°13	23°23	5°14	2°39	10°54	7° 4	6°27	12°31	11° 4	0°31	24°53	S 27
S 28	22 25 58	4°52'41	7♏32	21°53	25°39	24° 0	5°24	2°46	10°53	7° 6	6°28	12°25	11° 1	0°38	24°56	S 28
M29	22 29 54	5°50'46	20° 6	21°26	25° 6	24°37	5°34	2°53	10°52	7° 7	6°29	12°22	10°58	0°45	24°59	M29
T 30	22 33 51	6°48'52	2♐57	20°54	24°35	25°13	5°44	3° 0	10°51	7° 8	6°31	12°D20	10°55	0°51	25° 2	T 30
W31	22 37 47	7♍47'00	16♐ 9	20♍15	24♌ 5	25♊50	5♋53	3♌ 7	10♑50	7♋10	6♏32	12♋20	10♋52	0♍58	25♊ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 4	10s42	4n40	9n41	0s11	4n30	4s42	20n54	0s33	23n11	0s17	20n34	0n16	23s22	0s25	22n21	0s58	1n37	16n 2	22n46	22n53	15n45	18n 1	5s18
T 2	17 48	14 53	4 0	9 4	0 21	4 18	4 55	21 2	0 33	23 11	0 17	20 32	0 16	23 22	0 25	22 21	0 58	1 36	16 1	22 46	22 54	15 43	18 0	5 18
W 3	17 33	18 28	3 7	8 26	0 31	4 8	5 8	21 9	0 32	23 11	0 17	20 31	0 17	23 23	0 25	22 21	0 58	1 36	16 1	22 46	22 54	15 41	18 0	5 19
T 4	17 17	21 8	2 2	7 50	0 41	3 58	5 21	21 16	0 31	23 11	0 17	20 29	0 17	23 23	0 25	22 21	0 58	1 35	16 0	22 46	22 54	15 39	18 0	5 19
F 5	17 1	22 35	0 47	7 13	0 51	3 49	5 34	21 23	0 30	23 11	0 17	20 28	0 17	23 23	0 25	22 21	0 58	1 34	16 0	22 46	22 54	15 38	18 0	5 20
S 6	16 44	22 33	0s33	6 38	1 1	3 41	5 47	21 30	0 29	23 11	0 17	20 26	0 17	23 23	0 25	22 21	0 58	1 33	15 59	22 46	22 55	15 36	18 0	5 20
S 7	16 28	20 55	1 53	6 3	1 12	3 34	6 0	21 36	0 28	23 11	0 17	20 25	0 17	23 23	0 25	22 21	0 58	1 33	15 59	22 46	22 55	15 34	17 59	5 20
M 8	16 11	17 46	3 5	5 28	1 22	3 28	6 13	21 43	0 27	23 11	0 17	20 23	0 17	23 23	0 25	22 21	0 58	1 32	15 58	22 46	22 55	15 32	17 59	5 21
T 9	15 54	13 24	4 5	4 55	1 33	3 23	6 25	21 49	0 27	23 11	0 17	20 22	0 17	23 24	0 25	22 21	0 58	1 31	15 57	22 46	22 56	15 30	17 59	5 21
W10	15 36	8 14	4 47	4 22	1 44	3 19	6 37	21 55	0 26	23 11	0 17	20 20	0 17	23 24	0 25	22 20	0 58	1 30	15 57	22 47	22 56	15 29	17 59	5 22
T 11	15 18	2 40	5 8	3 50	1 54	3 16	6 49	22 1	0 25	23 11	0 16	20 19	0 17	23 24	0 25	22 20	0 58	1 29	15 56	22 47	22 56	15 27	17 58	5 22
F 12	15 1	2n54	5 10	3 19	2 5	3 15	7 0	22 6	0 24	23 10	0 16	20 17	0 17	23 24	0 24	22 20	0 58	1 29	15 56	22 48	22 57	15 25	17 58	5 22
S 13	14 42	8 10	4 52	2 49	2 16	3 14	7 11	22 12	0 23	23 10	0 16	20 15	0 17	23 24	0 24	22 20	0 58	1 28	15 55	22 48	22 57	15 23	17 58	5 23
S 14	14 24	12 51	4 19	2 21	2 26	3 15	7 22	22 17	0 22	23 10	0 16	20 14	0 18	23 24	0 24	22 20	0 58	1 27	15 55	22 48	22 57	15 21	17 58	5 23
M15	14 5	16 47	3 33	1 54	2 37	3 16	7 31	22 22	0 21	23 10	0 16	20 12	0 18	23 24	0 24	22 20	0 58	1 26	15 54	22 48	22 57	15 20	17 57	5 24
T 16	13 46	19 48	2 37	1 28	2 48	3 19	7 41	22 27	0 20	23 10	0 16	20 11	0 18	23 25	0 24	22 20	0 58	1 25	15 54	22 48	22 58	15 18	17 57	5 24
W17	13 27	21 48	1 36	1 4	2 58	3 23	7 49	22 32	0 19	23 10	0 16	20 9	0 18	23 25	0 24	22 20	0 58	1 24	15 53	22 48	22 58	15 16	17 57	5 25
T 18	13 8	22 44	0 31	0 42	3 8	3 28	7 57	22 36	0 18	23 9	0 16	20 8	0 18	23 25	0 24	22 20	0 58	1 24	15 52	22 48	22 58	15 14	17 56	5 25
F 19	12 48	22 35	0n35	0 22	3 18	3 34	8 4	22 41	0 17	23 9	0 16	20 6	0 18	23 25	0 24	22 20	0 58	1 23	15 52	22 48	22 58	15 12	17 56	5 26
S 20	12 29	21 23	1 38	0 3	3 28	3 40	8 10	22 45	0 16	23 9	0 16	20 5	0 18	23 25	0 24	22 19	0 58	1 22	15 51	22 48	22 59	15 11	17 56	5 26
S 21	12 9	19 16	2 36	0s13	3 37	3 48	8 15	22 49	0 15	23 9	0 16	20 3	0 18	23 25	0 24	22 19	0 58	1 21	15 51	22 48	22 59	15 9	17 55	5 27
M22	11 49	16 19	3 27	0 26	3 45	3 56	8 20	22 53	0 14	23 8	0 16	20 2	0 18	23 25	0 24	22 19	0 58	1 20	15 50	22 49	22 59	15 7	17 55	5 27
T 23	11 28	12 43	4 9	0 37	3 54	4 6	8 23	22 57	0 13	23 8	0 16	20 0	0 18	23 25	0 24	22 19	0 58	1 19	15 50	22 50	23 0	15 5	17 55	5 27
W24	11 8	8 38	4 41	0 46	4 1	4 15	8 26	23 0	0 12	23 8	0 16	19 59	0 19	23 25	0 24	22 19	0 58	1 18	15 49	22 51	23 0	15 3	17 54	5 28
T 25	10 47	4 11	5 0	0 51	4 8	4 26	8 28	23 3	0 11	23 7	0 15	19 57	0 19	23 26	0 24	22 19	0 58	1 17	15 49	22 51	23 0	15 1	17 54	5 28
F 26	10 26	0s27	5 6	0 53	4 13	4 37	8 29	23 6	0 10	23 7	0 15	19 56	0 19	23 26	0 24	22 19	0 58	1 17	15 48	22 52	23 0	14 59	17 54	5 29
S 27	10 5	5 7	4 59	0 52	4 18	4 49	8 28	23 9	0 9	23 7	0 15	19 54	0 19	23 26	0 24	22 19	0 58	1 16	15 48	22 53	23 1	14 58	17 53	5 29
S 28	9 44	9 40	4 38	0 47	4 22	5 1	8 28	23 12	0 8	23 6	0 15	19 53	0 19	23 26	0 24	22 19	0 58	1 15	15 47	22 54	23 1	14 56	17 53	5 30
M29	9 23	13 53	4 3	0 39	4 24	5 13	8 26	23 15	0 7	23 6	0 15	19 51	0 19	23 26	0 24	22 19	0 58	1 14	15 47	22 54	23 1	14 54	17 52	5 30
T 30	9 1	17 35	3 15	0 27	4 25	5 26	8 23	23 17	0 6	23 6	0 15	19 50	0 19	23 26	0 24	22 19	0 58	1 13	15 46	22 54	23 1	14 52	17 52	5 31
W31	8n40	20s30	2n16	0s11	4s24	5n39	8s20	23n20	0s 5	23n 5	0s15	19n48	0n19	23s26	0s24	22n18	0s58	1n12	15n46	22n54	23n 2	14n50	17n52	5s31

Julian Day Number = 2356794.5, Delta T = 13.40 sec
Ecliptic obliquity = 23°28'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'07, Lahiri = 20°14'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

SEPTEMBER 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 44	8♍45'10	29♐45	19°R31	23°R37	26♊26	6♋ 3	3♌14	10°R49	7♋11	6♏34	12♋21	10♋48	1♍ 5	25♊ 7	T 1
F 2	22 45 41	9°43'21	13♑47	18♍42	23♌12	27° 2	6°12	3°21	10♑48	7°12	6°35	12°R22	10°45	1°12	25°10	F 2
S 3	22 49 37	10°41'33	28°15	17°49	22°48	27°38	6°21	3°27	10°47	7°13	6°37	12°21	10°42	1°18	25°12	S 3
S 4	22 53 34	11°39'47	13♒ 6	16°52	22°26	28°14	6°30	3°34	10°47	7°15	6°38	12°17	10°39	1°25	25°15	S 4
M 5	22 57 30	12°38'03	28°15	15°53	22° 7	28°49	6°39	3°41	10°46	7°16	6°40	12°12	10°36	1°32	25°17	M 5
T 6	23 1 27	13°36'20	13♓32	14°52	21°50	29°25	6°48	3°47	10°45	7°17	6°42	12° 4	10°33	1°38	25°19	T 6
W 7	23 5 23	14°34'39	28°46	13°52	21°35	0♋ 0	6°57	3°54	10°45	7°18	6°43	11°55	10°29	1°45	25°21	W 7
T 8	23 9 20	15°33'00	13♈47	12°53	21°22	0°36	7° 6	4° 0	10°44	7°19	6°45	11°46	10°26	1°52	25°23	T 8
F 9	23 13 16	16°31'23	28°25	11°57	21°13	1°11	7°14	4° 7	10°43	7°20	6°47	11°37	10°23	1°58	25°25	F 9
S 10	23 17 13	17°29'48	12♉36	11° 6	21° 5	1°45	7°22	4°13	10°43	7°21	6°48	11°31	10°20	2° 5	25°27	S 10
S 11	23 21 10	18°28'15	26°16	10°20	21° 0	2°20	7°31	4°19	10°42	7°22	6°50	11°26	10°17	2°12	25°29	S 11
M12	23 25 6	19°26'44	9♊28	9°41	20°58	2°55	7°39	4°26	10°42	7°23	6°52	11°24	10°14	2°18	25°31	M12
T 13	23 29 3	20°25'16	22°14	9° 9	20°D57	3°29	7°47	4°32	10°42	7°24	6°54	11°D24	10°10	2°25	25°33	T 13
W14	23 32 59	21°23'50	4♋38	8°47	20°59	4° 3	7°55	4°38	10°41	7°25	6°56	11°24	10° 7	2°32	25°34	W14
T 15	23 36 56	22°22'26	16°47	8°33	21° 4	4°37	8° 2	4°44	10°41	7°26	6°57	11°R24	10° 4	2°39	25°36	T 15
F 16	23 40 52	23°21'04	28°44	8°D29	21°11	5°11	8°10	4°50	10°41	7°27	6°59	11°23	10° 1	2°45	25°38	F 16
S 17	23 44 49	24°19'45	10♌35	8°35	21°20	5°45	8°17	4°56	10°41	7°27	7° 1	11°19	9°58	2°52	25°39	S 17
S 18	23 48 45	25°18'27	22°24	8°50	21°31	6°18	8°25	5° 2	10°41	7°28	7° 3	11°13	9°54	2°59	25°40	S 18
M19	23 52 42	26°17'12	4♍13	9°15	21°44	6°51	8°32	5° 8	10°41	7°29	7° 5	11° 3	9°51	3° 5	25°42	M19
T 20	23 56 39	27°15'58	16° 6	9°49	21°59	7°25	8°39	5°14	10°D41	7°30	7° 7	10°52	9°48	3°12	25°43	T 20
W21	0 0 35	28°14'47	28° 4	10°32	22°16	7°57	8°46	5°20	10°41	7°30	7° 9	10°38	9°45	3°19	25°44	W21
T 22	0 4 32	29°13'38	10♎ 8	11°24	22°36	8°30	8°52	5°25	10°41	7°31	7°11	10°24	9°42	3°25	25°45	T 22
F 23	0 8 28	0♎12'30	22°19	12°23	22°57	9° 2	8°59	5°31	10°41	7°31	7°13	10°11	9°39	3°32	25°46	F 23
S 24	0 12 25	1°11'25	4♏39	13°30	23°19	9°35	9° 5	5°36	10°41	7°32	7°15	9°59	9°35	3°39	25°47	S 24
S 25	0 16 21	2°10'21	17° 8	14°42	23°44	10° 7	9°11	5°42	10°41	7°33	7°17	9°50	9°32	3°45	25°48	S 25
M26	0 20 18	3° 9'20	29°49	16° 1	24°10	10°39	9°17	5°47	10°42	7°33	7°19	9°44	9°29	3°52	25°48	M26
T 27	0 24 14	4° 8'20	12♐43	17°24	24°38	11°10	9°23	5°52	10°42	7°34	7°21	9°41	9°26	3°59	25°49	T 27
W28	0 28 11	5° 7'22	25°54	18°52	25° 8	11°42	9°29	5°58	10°42	7°34	7°24	9°39	9°23	4° 6	25°49	W28
T 29	0 32 8	6° 6'26	9♑23	20°24	25°39	12°13	9°35	6° 3	10°43	7°34	7°26	9°39	9°20	4°12	25°50	T 29
F 30	0 36 4	7♎ 5'31	23♑14	21♍58	26♌11	12♋44	9♋40	6♌ 8	10♑43	7♋35	7♏28	9♋39	9♋16	4♍19	25♊50	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n18	22s21	1n 7	0n 9	4s22	5n51	8s15	23n22	0s 4	23n 5	0s15	19n47	0n19	23s26	0s24	22n18	0s58	1n11	15n45	22n54	23n 2	14n48	17n51	5s32
F 2	7 56	22 53	0s 8	0 32	4 17	6 4	8 10	23 24	0 2	23 5	0 15	19 45	0 20	23 26	0 24	22 18	0 58	1 10	15 45	22 54	23 2	14 46	17 51	5 32
S 3	7 34	21 55	1 24	0 58	4 11	6 17	8 5	23 26	0 1	23 4	0 15	19 44	0 20	23 26	0 24	22 18	0 58	1 9	15 44	22 54	23 2	14 45	17 50	5 33
S 4	7 12	19 24	2 37	1 28	4 3	6 30	7 59	23 27	0 0	23 4	0 15	19 42	0 20	23 26	0 24	22 18	0 58	1 8	15 44	22 54	23 3	14 43	17 50	5 33
M 5	6 50	15 32	3 39	2 0	3 53	6 42	7 52	23 29	0n 1	23 4	0 15	19 41	0 20	23 26	0 24	22 18	0 58	1 7	15 43	22 55	23 3	14 41	17 49	5 34
T 6	6 27	10 35	4 27	2 34	3 41	6 55	7 44	23 30	0 2	23 3	0 15	19 39	0 20	23 26	0 24	22 18	0 58	1 6	15 43	22 55	23 3	14 39	17 49	5 35
W 7	6 5	5 1	4 56	3 10	3 27	7 7	7 37	23 32	0 3	23 3	0 15	19 38	0 20	23 26	0 24	22 18	0 59	1 5	15 42	22 56	23 3	14 37	17 49	5 35
T 8	5 42	0n47	5 3	3 47	3 12	7 19	7 28	23 33	0 4	23 2	0 15	19 36	0 20	23 26	0 24	22 18	0 59	1 5	15 42	22 57	23 4	14 35	17 48	5 36
F 9	5 20	6 24	4 51	4 23	2 55	7 30	7 20	23 34	0 6	23 2	0 14	19 35	0 20	23 26	0 24	22 18	0 59	1 4	15 41	22 58	23 4	14 33	17 48	5 36
S 10	4 57	11 30	4 20	5 0	2 37	7 41	7 11	23 34	0 7	23 2	0 14	19 34	0 20	23 27	0 24	22 18	0 59	1 3	15 41	22 58	23 4	14 31	17 47	5 37
S 11	4 34	15 51	3 36	5 34	2 18	7 51	7 1	23 35	0 8	23 1	0 14	19 32	0 20	23 27	0 24	22 18	0 59	1 2	15 41	22 59	23 4	14 29	17 47	5 37
M12	4 11	19 15	2 41	6 7	1 59	8 1	6 52	23 36	0 9	23 1	0 14	19 31	0 21	23 27	0 24	22 17	0 59	1 1	15 40	22 59	23 5	14 27	17 46	5 38
T 13	3 48	21 35	1 40	6 37	1 39	8 11	6 42	23 36	0 10	23 1	0 14	19 29	0 21	23 27	0 24	22 17	0 59	1 0	15 40	22 59	23 5	14 25	17 46	5 38
W14	3 25	22 48	0 36	7 4	1 19	8 19	6 32	23 36	0 12	23 0	0 14	19 28	0 21	23 27	0 24	22 17	0 59	0 59	15 39	22 59	23 5	14 24	17 45	5 39
T 15	3 2	22 53	0n29	7 27	1 0	8 28	6 22	23 36	0 13	23 0	0 14	19 27	0 21	23 27	0 24	22 17	0 59	0 58	15 39	22 59	23 5	14 22	17 45	5 39
F 16	2 39	21 55	1 31	7 47	0 40	8 35	6 11	23 36	0 14	22 59	0 14	19 25	0 21	23 27	0 24	22 17	0 59	0 57	15 39	22 59	23 6	14 20	17 44	5 40
S 17	2 15	19 59	2 28	8 1	0 22	8 43	6 1	23 36	0 15	22 59	0 14	19 24	0 21	23 27	0 24	22 17	0 59	0 56	15 38	22 59	23 6	14 18	17 44	5 41
S 18	1 52	17 12	3 19	8 12	0 5	8 49	5 50	23 36	0 17	22 59	0 14	19 23	0 21	23 27	0 24	22 17	0 59	0 55	15 38	23 0	23 6	14 16	17 43	5 41
M19	1 29	13 43	4 1	8 18	0n12	8 55	5 40	23 36	0 18	22 58	0 14	19 21	0 21	23 27	0 24	22 17	0 59	0 54	15 37	23 1	23 6	14 14	17 43	5 42
T 20	1 5	9 41	4 33	8 19	0 27	9 0	5 29	23 35	0 19	22 58	0 14	19 20	0 22	23 27	0 24	22 17	0 59	0 53	15 37	23 2	23 7	14 12	17 42	5 42
W21	0 42	5 15	4 53	8 16	0 41	9 5	5 18	23 34	0 20	22 57	0 14	19 19	0 22	23 27	0 24	22 17	0 59	0 52	15 37	23 3	23 7	14 10	17 42	5 43
T 22	0 18	0 35	5 0	8 8	0 54	9 9	5 8	23 34	0 22	22 57	0 14	19 18	0 22	23 27	0 24	22 17	0 59	0 51	15 36	23 4	23 7	14 8	17 41	5 43
F 23	0s 5	4s 9	4 53	7 56	1 6	9 12	4 57	23 33	0 23	22 57	0 13	19 16	0 22	23 27	0 24	22 17	0 59	0 50	15 36	23 5	23 7	14 6	17 41	5 44
S 24	0 28	8 48	4 33	7 40	1 16	9 15	4 47	23 32	0 24	22 56	0 13	19 15	0 22	23 27	0 24	22 17	0 59	0 49	15 36	23 6	23 8	14 4	17 40	5 44
S 25	0 52	13 8	4 0	7 20	1 25	9 17	4 36	23 31	0 26	22 56	0 13	19 14	0 22	23 26	0 24	22 17	0 59	0 48	15 35	23 6	23 8	14 2	17 40	5 45
M26	1 15	16 59	3 14	6 57	1 33	9 18	4 26	23 30	0 27	22 56	0 13	19 13	0 22	23 26	0 24	22 17	0 59	0 47	15 35	23 7	23 8	14 0	17 39	5 46
T 27	1 39	20 5	2 17	6 30	1 39	9 19	4 15	23 29	0 29	22 55	0 13	19 12	0 22	23 26	0 24	22 17	0 59	0 46	15 35	23 7	23 8	13 58	17 38	5 46
W28	2 2	22 13	1 12	6 1	1 45	9 19	4 5	23 27	0 30	22 55	0 13	19 10	0 23	23 26	0 24	22 16	0 59	0 45	15 34	23 7	23 8	13 56	17 38	5 47
T 29	2 26	23 7	0 1	5 29	1 49	9 18	3 55	23 26	0 31	22 55	0 13	19 9	0 23	23 26	0 24	22 16	0 59	0 45	15 34	23 7	23 9	13 54	17 37	5 47
F 30	2s49	22s38	1s11	4n54	1n52	9n17	3s45	23n24	0n33	22n54	0s13	19n 8	0n23	23s26	0s24	22n16	0s59	0n44	15n34	23n 7	23n 9	13n52	17n37	5s48

Julian Day Number = 2356825.5, Delta T = 13.42 sec
Ecliptic obliquity = 23°28'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'11, Lahiri = 20°14'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

OCTOBER 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 1	8♎ 4'38	7♒27	23♍36	26♌45	13♋14	9♋45	6♌13	10♑44	7♋35	7♏30	9°R37	9♋13	4♍26	25♊51	S 1
S 2	0 43 57	9° 3'47	22° 2	25°15	27°20	13°45	9°50	6°18	10°45	7°35	7°32	9♋33	9°10	4°32	25°51	S 2
M 3	0 47 54	10° 2'58	6♓54	26°56	27°57	14°15	9°55	6°22	10°45	7°36	7°34	9°26	9° 7	4°39	25°51	M 3
T 4	0 51 50	11° 2'10	21°57	28°39	28°34	14°45	10° 0	6°27	10°46	7°36	7°37	9°17	9° 4	4°46	25°R51	T 4
W 5	0 55 47	12° 1'25	7♈ 1	0♎22	29°13	15°14	10° 5	6°32	10°47	7°36	7°39	9° 6	9° 0	4°52	25°51	W 5
T 6	0 59 43	13° 0'41	21°57	2° 6	29°54	15°44	10° 9	6°36	10°48	7°36	7°41	8°54	8°57	4°59	25°51	T 6
F 7	1 3 40	14° 0'00	6♉35	3°51	0♍35	16°13	10°13	6°41	10°48	7°36	7°43	8°43	8°54	5° 6	25°51	F 7
S 8	1 7 36	14°59'21	20°48	5°36	1°17	16°42	10°17	6°45	10°49	7°37	7°46	8°35	8°51	5°13	25°51	S 8
S 9	1 11 33	15°58'44	4♊33	7°21	2° 1	17°11	10°21	6°50	10°50	7°37	7°48	8°29	8°48	5°19	25°50	S 9
M10	1 15 30	16°58'09	17°50	9° 6	2°45	17°39	10°25	6°54	10°51	7°37	7°50	8°25	8°45	5°26	25°50	M10
T 11	1 19 26	17°57'37	0♋40	10°50	3°31	18° 7	10°28	6°58	10°52	7°R37	7°53	8°24	8°41	5°33	25°49	T 11
W12	1 23 23	18°57'07	13° 7	12°35	4°17	18°35	10°32	7° 2	10°53	7°37	7°55	8°24	8°38	5°39	25°49	W12
T 13	1 27 19	19°56'40	25°17	14°19	5° 5	19° 2	10°35	7° 6	10°55	7°37	7°57	8°24	8°35	5°46	25°48	T 13
F 14	1 31 16	20°56'15	7♌14	16° 2	5°53	19°30	10°38	7°10	10°56	7°36	8° 0	8°23	8°32	5°53	25°47	F 14
S 15	1 35 12	21°55'51	19° 5	17°46	6°42	19°57	10°41	7°14	10°57	7°36	8° 2	8°19	8°29	5°59	25°46	S 15
S 16	1 39 9	22°55'31	0♍54	19°28	7°32	20°23	10°43	7°17	10°58	7°36	8° 4	8°14	8°25	6° 6	25°45	S 16
M17	1 43 5	23°55'12	12°46	21°10	8°23	20°49	10°46	7°21	11° 0	7°36	8° 7	8° 5	8°22	6°13	25°44	M17
T 18	1 47 2	24°54'55	24°43	22°52	9°14	21°15	10°48	7°25	11° 1	7°36	8° 9	7°54	8°19	6°20	25°43	T 18
W19	1 50 59	25°54'41	6♎48	24°33	10° 6	21°41	10°50	7°28	11° 3	7°35	8°11	7°42	8°16	6°26	25°42	W19
T 20	1 54 55	26°54'29	19° 2	26°13	10°59	22° 6	10°52	7°31	11° 4	7°35	8°14	7°28	8°13	6°33	25°41	T 20
F 21	1 58 52	27°54'19	1♏27	27°53	11°53	22°31	10°53	7°34	11° 6	7°35	8°16	7°16	8°10	6°40	25°40	F 21
S 22	2 2 48	28°54'10	14° 3	29°32	12°47	22°56	10°55	7°38	11° 7	7°34	8°19	7° 4	8° 6	6°46	25°38	S 22
S 23	2 6 45	29°54'04	26°49	1♏11	13°42	23°20	10°56	7°41	11° 9	7°34	8°21	6°56	8° 3	6°53	25°37	S 23
M24	2 10 41	0♏54'00	9♐46	2°49	14°37	23°44	10°57	7°43	11°11	7°34	8°23	6°50	8° 0	7° 0	25°35	M24
T 25	2 14 38	1°53'57	22°55	4°27	15°33	24° 7	10°58	7°46	11°12	7°33	8°26	6°47	7°57	7° 6	25°34	T 25
W26	2 18 34	2°53'56	6♑15	6° 4	16°30	24°30	10°58	7°49	11°14	7°33	8°28	6°D46	7°54	7°13	25°32	W26
T 27	2 22 31	3°53'57	19°48	7°41	17°27	24°53	10°59	7°52	11°16	7°32	8°31	6°46	7°51	7°20	25°30	T 27
F 28	2 26 28	4°53'59	3♒36	9°17	18°25	25°15	10°59	7°54	11°18	7°31	8°33	6°R47	7°47	7°27	25°28	F 28
S 29	2 30 24	5°54'03	17°39	10°53	19°23	25°37	10°R59	7°56	11°20	7°31	8°35	6°46	7°44	7°33	25°26	S 29
S 30	2 34 21	6°54'08	1♓57	12°28	20°22	25°58	10°59	7°59	11°22	7°30	8°38	6°43	7°41	7°40	25°24	S 30
M31	2 38 17	7♏54'15	16♓26	14♏ 3	21♍21	26♋19	10♋58	8♌ 1	11♑24	7♋30	8♏40	6♋38	7♋38	7♍47	25♊22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s13	20s42	2s21	4n18	1n54	9n15	3s35	23n23	0n34	22n54	0s13	19n 7	0n23	23s26	0s24	22n16	0s59	0n43	15n33	23n 7	23n 9	13n50	17n36	5s48
S 2	3 36	17 24	3 24	3 39	1 55	9 12	3 25	23 21	0 36	22 54	0 13	19 6	0 23	23 26	0 24	22 16	0 59	0 42	15 33	23 8	23 9	13 48	17 36	5 49
M 3	3 59	12 55	4 14	2 59	1 56	9 9	3 15	23 20	0 37	22 53	0 13	19 5	0 23	23 26	0 24	22 16	0 59	0 41	15 33	23 8	23 10	13 46	17 35	5 50
T 4	4 22	7 35	4 47	2 18	1 55	9 5	3 5	23 18	0 39	22 53	0 13	19 4	0 23	23 26	0 24	22 16	0 59	0 40	15 33	23 9	23 10	13 44	17 35	5 50
W 5	4 46	1 48	5 0	1 36	1 54	9 1	2 56	23 16	0 40	22 53	0 13	19 3	0 23	23 26	0 24	22 16	0 59	0 39	15 32	23 10	23 10	13 42	17 34	5 51
T 6	5 9	4n 2	4 53	0 53	1 52	8 56	2 46	23 14	0 42	22 53	0 12	19 2	0 24	23 26	0 24	22 16	0 59	0 38	15 32	23 10	23 10	13 40	17 33	5 51
F 7	5 32	9 33	4 26	0 9	1 50	8 50	2 37	23 12	0 43	22 52	0 12	19 1	0 24	23 26	0 24	22 16	0 59	0 37	15 32	23 11	23 10	13 38	17 33	5 52
S 8	5 55	14 23	3 43	0s35	1 47	8 44	2 28	23 10	0 45	22 52	0 12	19 0	0 24	23 26	0 24	22 16	0 59	0 36	15 32	23 12	23 11	13 36	17 32	5 52
S 9	6 18	18 19	2 49	1 20	1 44	8 37	2 19	23 8	0 46	22 52	0 12	18 59	0 24	23 26	0 24	22 16	0 59	0 35	15 31	23 12	23 11	13 34	17 32	5 53
M10	6 41	21 9	1 47	2 5	1 40	8 29	2 10	23 6	0 48	22 52	0 12	18 58	0 24	23 25	0 24	22 16	0 59	0 34	15 31	23 12	23 11	13 32	17 31	5 53
T 11	7 3	22 47	0 41	2 50	1 35	8 21	2 1	23 4	0 49	22 52	0 12	18 57	0 24	23 25	0 24	22 16	0 59	0 33	15 31	23 12	23 11	13 30	17 31	5 54
W12	7 26	23 14	0n25	3 35	1 31	8 13	1 52	23 2	0 51	22 51	0 12	18 56	0 24	23 25	0 24	22 16	0 59	0 32	15 31	23 12	23 11	13 28	17 30	5 55
T 13	7 49	22 33	1 28	4 20	1 26	8 3	1 44	22 59	0 53	22 51	0 12	18 55	0 24	23 25	0 24	22 16	0 59	0 32	15 30	23 12	23 12	13 26	17 29	5 55
F 14	8 11	20 51	2 26	5 5	1 21	7 53	1 35	22 57	0 54	22 51	0 12	18 54	0 25	23 25	0 24	22 16	0 59	0 31	15 30	23 12	23 12	13 24	17 29	5 56
S 15	8 33	18 15	3 18	5 49	1 15	7 43	1 27	22 55	0 56	22 51	0 12	18 53	0 25	23 25	0 24	22 16	0 59	0 30	15 30	23 13	23 12	13 22	17 28	5 56
S 16	8 56	14 55	4 0	6 34	1 9	7 32	1 19	22 52	0 58	22 51	0 12	18 53	0 25	23 25	0 24	22 16	0 59	0 29	15 30	23 13	23 12	13 20	17 28	5 57
M17	9 18	10 58	4 33	7 17	1 3	7 21	1 11	22 50	0 59	22 51	0 12	18 52	0 25	23 25	0 24	22 16	0 59	0 28	15 30	23 14	23 12	13 17	17 27	5 57
T 18	9 40	6 35	4 53	8 1	0 57	7 9	1 3	22 48	1 1	22 51	0 11	18 51	0 25	23 25	0 24	22 16	0 59	0 27	15 30	23 14	23 13	13 15	17 26	5 58
W19	10 1	1 54	5 1	8 44	0 51	6 56	0 55	22 45	1 3	22 51	0 11	18 50	0 25	23 24	0 24	22 16	0 59	0 26	15 29	23 15	23 13	13 13	17 26	5 58
T 20	10 23	2s55	4 55	9 26	0 45	6 43	0 48	22 43	1 5	22 50	0 11	18 50	0 25	23 24	0 24	22 16	1 0	0 25	15 29	23 16	23 13	13 11	17 25	5 59
F 21	10 45	7 42	4 35	10 8	0 38	6 29	0 41	22 41	1 6	22 50	0 11	18 49	0 26	23 24	0 24	22 16	1 0	0 25	15 29	23 16	23 13	13 9	17 25	6 0
S 22	11 6	12 14	4 2	10 50	0 32	6 15	0 33	22 39	1 8	22 50	0 11	18 48	0 26	23 24	0 24	22 16	1 0	0 24	15 29	23 17	23 13	13 7	17 24	6 0
S 23	11 27	16 18	3 15	11 31	0 25	6 1	0 26	22 36	1 10	22 50	0 11	18 48	0 26	23 24	0 24	22 16	1 0	0 23	15 29	23 17	23 14	13 5	17 24	6 1
M24	11 48	19 40	2 18	12 11	0 18	5 46	0 19	22 34	1 12	22 50	0 11	18 47	0 26	23 24	0 24	22 16	1 0	0 22	15 29	23 18	23 14	13 3	17 23	6 1
T 25	12 9	22 4	1 13	12 50	0 12	5 30	0 13	22 32	1 14	22 50	0 11	18 46	0 26	23 24	0 24	22 16	1 0	0 21	15 29	23 18	23 14	13 1	17 22	6 2
W26	12 30	23 17	0 3	13 29	0 5	5 14	0 6	22 29	1 16	22 50	0 11	18 46	0 26	23 23	0 24	22 16	1 0	0 20	15 29	23 18	23 14	12 59	17 22	6 2
T 27	12 50	23 9	1s 9	14 7	0s 2	4 58	0n 0	22 27	1 17	22 51	0 11	18 45	0 26	23 23	0 24	22 16	1 0	0 20	15 29	23 18	23 14	12 57	17 21	6 3
F 28	13 10	21 37	2 18	14 45	0 8	4 41	0 7	22 25	1 19	22 51	0 11	18 45	0 27	23 23	0 24	22 16	1 0	0 19	15 28	23 18	23 15	12 55	17 21	6 3
S 29	13 30	18 44	3 20	15 21	0 15	4 24	0 13	22 23	1 21	22 51	0 10	18 44	0 27	23 23	0 24	22 16	1 0	0 18	15 28	23 18	23 15	12 52	17 20	6 4
S 30	13 50	14 42	4 11	15 57	0 22	4 7	0 19	22 21	1 23	22 51	0 10	18 44	0 27	23 23	0 24	22 16	1 0	0 17	15 28	23 18	23 15	12 50	17 20	6 4
M31	14s10	9s45	4s46	16s32	0s28	3n49	0n25	22n19	1n25	22n51	0s10	18n43	0n27	23s23	0s24	22n16	1s 0	0n17	15n28	23n18	23n15	12n48	17n19	6s 5

Julian Day Number = 2356855.5, Delta T = 13.44 sec
Ecliptic obliquity = 23°28'22, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'16, Lahiri = 20°14'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

NOVEMBER 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 14	8♏54'24	1♈ 4	15♏38	22♍21	26♋40	10°R58	8♌ 3	11♑26	7°R29	8♏43	6°R31	7♋35	7♍53	25°R20	T 1
W 2	2 46 10	9°54'34	15°44	17°12	23°21	27° 0	10♋57	8° 5	11°28	7♋28	8°45	6♋23	7°31	8° 0	25♊18	W 2
T 3	2 50 7	10°54'45	0♉19	18°45	24°21	27°20	10°56	8° 7	11°30	7°27	8°48	6°13	7°28	8° 7	25°16	T 3
F 4	2 54 3	11°54'59	14°41	20°19	25°22	27°39	10°55	8° 9	11°32	7°27	8°50	6° 5	7°25	8°13	25°13	F 4
S 5	2 58 0	12°55'14	28°45	21°52	26°24	27°58	10°54	8°10	11°34	7°26	8°52	5°58	7°22	8°20	25°11	S 5
S 6	3 1 57	13°55'31	12♊25	23°24	27°26	28°16	10°52	8°12	11°37	7°25	8°55	5°53	7°19	8°27	25° 9	S 6
M 7	3 5 53	14°55'50	25°40	24°57	28°28	28°34	10°50	8°13	11°39	7°24	8°57	5°50	7°16	8°34	25° 6	M 7
T 8	3 9 50	15°56'11	8♋32	26°29	29°30	28°51	10°48	8°14	11°41	7°23	9° 0	5°D50	7°12	8°40	25° 3	T 8
W 9	3 13 46	16°56'34	21° 2	28° 0	0♎33	29° 8	10°46	8°16	11°44	7°22	9° 2	5°51	7° 9	8°47	25° 1	W 9
T 10	3 17 43	17°56'59	3♌15	29°32	1°37	29°24	10°44	8°17	11°46	7°21	9° 5	5°52	7° 6	8°54	24°58	T 10
F 11	3 21 39	18°57'26	15°16	1♐ 3	2°40	29°40	10°41	8°18	11°49	7°20	9° 7	5°R53	7° 3	9° 0	24°55	F 11
S 12	3 25 36	19°57'54	27° 9	2°33	3°44	29°55	10°38	8°19	11°51	7°19	9° 9	5°53	7° 0	9° 7	24°52	S 12
S 13	3 29 32	20°58'25	8♍59	4° 4	4°49	0♌10	10°35	8°19	11°54	7°18	9°12	5°51	6°57	9°14	24°49	S 13
M14	3 33 29	21°58'57	20°52	5°34	5°53	0°24	10°32	8°20	11°56	7°17	9°14	5°47	6°53	9°21	24°46	M14
T 15	3 37 26	22°59'31	2♎53	7° 4	6°58	0°37	10°29	8°21	11°59	7°16	9°17	5°41	6°50	9°27	24°43	T 15
W16	3 41 22	24° 0'06	15° 3	8°33	8° 3	0°50	10°25	8°21	12° 1	7°15	9°19	5°34	6°47	9°34	24°40	W16
T 17	3 45 19	25° 0'44	27°27	10° 2	9° 9	1° 2	10°22	8°21	12° 4	7°14	9°21	5°26	6°44	9°41	24°37	T 17
F 18	3 49 15	26° 1'23	10♏ 4	11°31	10°15	1°14	10°18	8°21	12° 7	7°13	9°24	5°19	6°41	9°47	24°34	F 18
S 19	3 53 12	27° 2'03	22°57	12°59	11°21	1°25	10°14	8°R22	12°10	7°12	9°26	5°12	6°37	9°54	24°31	S 19
S 20	3 57 8	28° 2'45	6♐ 4	14°27	12°27	1°35	10° 9	8°22	12°12	7°10	9°28	5° 7	6°34	10° 1	24°28	S 20
M21	4 1 5	29° 3'29	19°25	15°54	13°33	1°45	10° 5	8°21	12°15	7° 9	9°31	5° 4	6°31	10° 8	24°24	M21
T 22	4 5 1	0♐ 4'13	2♑57	17°20	14°40	1°54	10° 0	8°21	12°18	7° 8	9°33	5°D 3	6°28	10°14	24°21	T 22
W23	4 8 58	1° 4'59	16°39	18°46	15°47	2° 3	9°56	8°21	12°21	7° 7	9°35	5° 4	6°25	10°21	24°17	W23
T 24	4 12 55	2° 5'46	0♒30	20°11	16°55	2°10	9°51	8°20	12°24	7° 5	9°38	5° 5	6°22	10°28	24°14	T 24
F 25	4 16 51	3° 6'34	14°29	21°36	18° 2	2°17	9°45	8°20	12°27	7° 4	9°40	5° 7	6°18	10°34	24°11	F 25
S 26	4 20 48	4° 7'23	28°34	22°59	19°10	2°23	9°40	8°19	12°30	7° 3	9°42	5°R 8	6°15	10°41	24° 7	S 26
S 27	4 24 44	5° 8'12	12♓43	24°21	20°17	2°29	9°35	8°18	12°33	7° 1	9°44	5° 7	6°12	10°48	24° 3	S 27
M28	4 28 41	6° 9'03	26°57	25°41	21°26	2°34	9°29	8°17	12°36	7° 0	9°47	5° 6	6° 9	10°54	24° 0	M28
T 29	4 32 37	7° 9'54	11♈10	27° 0	22°34	2°38	9°23	8°16	12°39	6°58	9°49	5° 3	6° 6	11° 1	23°56	T 29
W30	4 36 34	8♐10'46	25♈22	28♐17	23♎42	2♌41	9♋17	8♌15	12♑42	6♋57	9♏51	4♋59	6♋ 3	11♍ 8	23♊53	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s29	4s13	5s 3	17s 6	0s35	3n30	0n30	22n17	1n27	22n51	0s10	18n43	0n27	23s22	0s24	22n16	1s 0	0n16	15n28	23n19	23n15	12n46	17n19	6s 5
W 2	14 48	1n35	5 1	17 39	0 42	3 12	0 36	22 15	1 29	22 51	0 10	18 43	0 27	23 22	0 24	22 16	1 0	0 15	15 28	23 19	23 16	12 44	17 18	6 6
T 3	15 7	7 15	4 39	18 12	0 48	2 53	0 41	22 13	1 31	22 51	0 10	18 42	0 27	23 22	0 24	22 16	1 0	0 14	15 28	23 20	23 16	12 42	17 17	6 6
F 4	15 26	12 27	3 59	18 43	0 54	2 33	0 47	22 11	1 33	22 52	0 10	18 42	0 28	23 22	0 24	22 16	1 0	0 14	15 28	23 20	23 16	12 40	17 17	6 7
S 5	15 44	16 53	3 5	19 14	1 1	2 14	0 52	22 9	1 36	22 52	0 10	18 42	0 28	23 22	0 24	22 16	1 0	0 13	15 28	23 20	23 16	12 38	17 16	6 7
S 6	16 2	20 17	2 2	19 44	1 7	1 54	0 57	22 8	1 38	22 52	0 10	18 41	0 28	23 21	0 24	22 16	1 0	0 12	15 28	23 21	23 16	12 35	17 16	6 7
M 7	16 20	22 30	0 54	20 12	1 13	1 33	1 2	22 6	1 40	22 52	0 10	18 41	0 28	23 21	0 24	22 16	1 0	0 11	15 28	23 21	23 16	12 33	17 15	6 8
T 8	16 38	23 26	0n15	20 40	1 19	1 13	1 6	22 5	1 42	22 53	0 9	18 41	0 28	23 21	0 24	22 16	1 0	0 11	15 28	23 21	23 17	12 31	17 15	6 8
W 9	16 55	23 10	1 21	21 7	1 24	0 52	1 11	22 3	1 44	22 53	0 9	18 41	0 28	23 21	0 24	22 16	1 0	0 10	15 28	23 21	23 17	12 29	17 14	6 9
T 10	17 12	21 46	2 22	21 32	1 30	0 31	1 15	22 2	1 46	22 53	0 9	18 41	0 28	23 20	0 24	22 16	1 0	0 9	15 28	23 21	23 17	12 27	17 14	6 9
F 11	17 29	19 25	3 16	21 57	1 35	0 9	1 20	22 1	1 49	22 53	0 9	18 41	0 29	23 20	0 23	22 16	1 0	0 9	15 28	23 21	23 17	12 25	17 13	6 10
S 12	17 45	16 15	4 1	22 21	1 41	0s12	1 24	22 0	1 51	22 54	0 9	18 41	0 29	23 20	0 23	22 16	1 0	0 8	15 28	23 21	23 17	12 22	17 13	6 10
S 13	18 1	12 28	4 36	22 43	1 46	0 34	1 28	21 59	1 53	22 54	0 9	18 40	0 29	23 20	0 23	22 16	1 0	0 7	15 28	23 21	23 17	12 20	17 12	6 10
M14	18 17	8 12	4 59	23 4	1 50	0 57	1 31	21 58	1 55	22 54	0 9	18 40	0 29	23 20	0 23	22 16	1 0	0 7	15 28	23 21	23 18	12 18	17 12	6 11
T 15	18 33	3 34	5 8	23 24	1 55	1 19	1 35	21 58	1 58	22 55	0 9	18 40	0 29	23 19	0 23	22 16	1 0	0 6	15 29	23 21	23 18	12 16	17 11	6 11
W16	18 48	1s15	5 5	23 43	1 59	1 41	1 39	21 57	2 0	22 55	0 9	18 40	0 29	23 19	0 23	22 16	1 0	0 5	15 29	23 21	23 18	12 14	17 11	6 12
T 17	19 3	6 7	4 47	24 1	2 3	2 4	1 42	21 57	2 3	22 56	0 8	18 41	0 30	23 19	0 23	22 17	1 0	0 5	15 29	23 22	23 18	12 12	17 10	6 12
F 18	19 17	10 50	4 14	24 18	2 7	2 27	1 45	21 57	2 5	22 56	0 8	18 41	0 30	23 19	0 23	22 17	1 0	0 4	15 29	23 22	23 18	12 9	17 10	6 12
S 19	19 31	15 10	3 29	24 33	2 11	2 50	1 48	21 57	2 7	22 57	0 8	18 41	0 30	23 18	0 23	22 17	1 0	0 4	15 29	23 22	23 18	12 7	17 9	6 13
S 20	19 45	18 52	2 31	24 47	2 14	3 13	1 51	21 57	2 10	22 57	0 8	18 41	0 30	23 18	0 23	22 17	1 0	0 3	15 29	23 22	23 19	12 5	17 9	6 13
M21	19 59	21 39	1 24	24 59	2 17	3 36	1 54	21 57	2 12	22 57	0 8	18 41	0 30	23 18	0 23	22 17	1 0	0 2	15 29	23 23	23 19	12 3	17 8	6 13
T 22	20 12	23 15	0 11	25 11	2 19	4 0	1 57	21 57	2 15	22 58	0 8	18 41	0 30	23 17	0 23	22 17	1 0	0 2	15 29	23 23	23 19	12 1	17 8	6 14
W23	20 24	23 28	1s 3	25 21	2 21	4 23	1 59	21 58	2 17	22 58	0 8	18 42	0 30	23 17	0 23	22 17	1 0	0 1	15 29	23 23	23 19	11 58	17 7	6 14
T 24	20 37	22 16	2 15	25 29	2 23	4 47	2 2	21 59	2 20	22 59	0 8	18 42	0 31	23 17	0 23	22 17	1 0	0 1	15 30	23 22	23 19	11 56	17 7	6 14
F 25	20 49	19 41	3 19	25 36	2 24	5 10	2 4	21 59	2 23	22 59	0 7	18 42	0 31	23 17	0 23	22 17	1 0	0 0	15 30	23 22	23 19	11 54	17 6	6 15
S 26	21 0	15 55	4 12	25 42	2 25	5 34	2 6	22 1	2 25	23 0	0 7	18 42	0 31	23 16	0 23	22 17	1 0	0s 0	15 30	23 22	23 19	11 52	17 6	6 15
S 27	21 11	11 15	4 50	25 46	2 25	5 58	2 8	22 2	2 28	23 0	0 7	18 43	0 31	23 16	0 23	22 17	1 0	0 1	15 30	23 22	23 20	11 50	17 5	6 15
M28	21 22	5 57	5 10	25 49	2 25	6 21	2 10	22 3	2 30	23 1	0 7	18 43	0 31	23 16	0 23	22 17	1 0	0 1	15 30	23 22	23 20	11 47	17 5	6 16
T 29	21 32	0 21	5 11	25 50	2 24	6 45	2 12	22 5	2 33	23 1	0 7	18 44	0 31	23 16	0 23	22 17	1 0	0 2	15 31	23 23	23 20	11 45	17 4	6 16
W30	21s42	5n16	4s54	25s50	2s23	7s 9	2n13	22n 7	2n36	23n 2	0s 7	18n44	0n32	23s15	0s23	22n17	1s 0	0s 2	15n31	23n23	23n20	11n43	17n 4	6s16

Julian Day Number = 2356886.5, Delta T = 13.46 sec
Ecliptic obliquity = 23°28'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'20, Lahiri = 20°14'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1740
geocentric

DECEMBER 1740 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 30	9♐11'39	9♉27	29♐33	24♎51	2♌44	9°R11	8°R14	12♑45	6°R55	9♏53	4°R55	5♋59	11♍15	23°R49	T 1
F 2	4 44 27	10°12'33	23°21	0♑45	26° 0	2°45	9♋ 5	8♌12	12°48	6♋54	9°55	4♋52	5°56	11°21	23♊45	F 2
S 3	4 48 24	11°13'28	7♊ 2	1°55	27° 9	2°46	8°59	8°11	12°51	6°53	9°58	4°49	5°53	11°28	23°41	S 3
S 4	4 52 20	12°14'24	20°25	3° 2	28°18	2°R47	8°52	8° 9	12°54	6°51	10° 0	4°47	5°50	11°35	23°38	S 4
M 5	4 56 17	13°15'21	3♋30	4° 4	29°27	2°46	8°46	8° 8	12°58	6°50	10° 2	4°D46	5°47	11°41	23°34	M 5
T 6	5 0 13	14°16'19	16°17	5° 3	0♏37	2°45	8°39	8° 6	13° 1	6°48	10° 4	4°46	5°43	11°48	23°30	T 6
W 7	5 4 10	15°17'18	28°46	5°57	1°46	2°42	8°32	8° 4	13° 4	6°46	10° 6	4°48	5°40	11°55	23°26	W 7
T 8	5 8 6	16°18'19	10♌59	6°45	2°56	2°39	8°25	8° 2	13° 7	6°45	10° 8	4°49	5°37	12° 2	23°22	T 8
F 9	5 12 3	17°19'20	23° 1	7°26	4° 6	2°35	8°18	8° 0	13°11	6°43	10°10	4°51	5°34	12° 8	23°18	F 9
S 10	5 16 0	18°20'22	4♍56	8° 1	5°16	2°31	8°11	7°57	13°14	6°42	10°12	4°52	5°31	12°15	23°15	S 10
S 11	5 19 56	19°21'25	16°47	8°27	6°27	2°25	8° 4	7°55	13°17	6°40	10°14	4°R52	5°28	12°22	23°11	S 11
M12	5 23 53	20°22'29	28°41	8°44	7°37	2°19	7°56	7°53	13°21	6°39	10°16	4°52	5°24	12°28	23° 7	M12
T 13	5 27 49	21°23'33	10♎41	8°R52	8°48	2°11	7°49	7°50	13°24	6°37	10°18	4°51	5°21	12°35	23° 3	T 13
W14	5 31 46	22°24'39	22°53	8°49	9°58	2° 3	7°41	7°48	13°27	6°35	10°20	4°50	5°18	12°42	22°59	W14
T 15	5 35 42	23°25'46	5♏19	8°34	11° 9	1°54	7°33	7°45	13°31	6°34	10°22	4°48	5°15	12°49	22°55	T 15
F 16	5 39 39	24°26'53	18° 4	8° 8	12°20	1°45	7°26	7°42	13°34	6°32	10°24	4°47	5°12	12°55	22°51	F 16
S 17	5 43 35	25°28'02	1♐ 8	7°31	13°31	1°34	7°18	7°39	13°37	6°30	10°26	4°45	5° 9	13° 2	22°47	S 17
S 18	5 47 32	26°29'10	14°32	6°42	14°42	1°23	7°10	7°36	13°41	6°29	10°28	4°45	5° 5	13° 9	22°43	S 18
M19	5 51 29	27°30'20	28°15	5°42	15°53	1°10	7° 2	7°33	13°44	6°27	10°30	4°D44	5° 2	13°15	22°39	M19
T 20	5 55 25	28°31'30	12♑15	4°34	17° 5	0°57	6°54	7°30	13°48	6°25	10°31	4°44	4°59	13°22	22°36	T 20
W21	5 59 22	29°32'40	26°26	3°18	18°16	0°43	6°46	7°27	13°51	6°24	10°33	4°44	4°56	13°29	22°32	W21
T 22	6 3 18	0♑33'50	10♒45	1°58	19°28	0°29	6°38	7°23	13°55	6°22	10°35	4°45	4°53	13°36	22°28	T 22
F 23	6 7 15	1°35'01	25° 8	0°36	20°39	0°13	6°30	7°20	13°58	6°20	10°37	4°45	4°49	13°42	22°24	F 23
S 24	6 11 11	2°36'11	9♓29	29♐14	21°51	29♋57	6°22	7°16	14° 2	6°19	10°38	4°45	4°46	13°49	22°20	S 24
S 25	6 15 8	3°37'21	23°46	27°56	23° 3	29°40	6°14	7°13	14° 5	6°17	10°40	4°46	4°43	13°56	22°16	S 25
M26	6 19 4	4°38'31	7♈56	26°44	24°14	29°23	6° 6	7° 9	14° 9	6°15	10°42	4°46	4°40	14° 2	22°12	M26
T 27	6 23 1	5°39'41	21°56	25°39	25°26	29° 4	5°58	7° 5	14°12	6°13	10°43	4°46	4°37	14° 9	22° 9	T 27
W28	6 26 58	6°40'51	5♉46	24°43	26°38	28°46	5°49	7° 1	14°16	6°12	10°45	4°46	4°34	14°16	22° 5	W28
T 29	6 30 54	7°42'00	19°24	23°57	27°51	28°26	5°41	6°57	14°19	6°10	10°47	4°46	4°30	14°23	22° 1	T 29
F 30	6 34 51	8°43'09	2♊50	23°21	29° 3	28° 6	5°33	6°54	14°23	6° 8	10°48	4°46	4°27	14°29	21°57	F 30
S 31	6 38 47	9♑44'19	16♊ 3	22♐56	0♐15	27♋45	5♋25	6♌49	14♑27	6♋ 7	10♏50	4♋47	4♋24	14♍36	21♊54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21 s52	10n34	4 s18	25 s49	2 s20	7 s33	2n15	22n 9	2n38	23n 3	0 s 7	18n45	0n32	23 s15	0 s23	22n17	1 s 0	0 s 3	15n31	23n23	23n20	11n41	17n 4	6 s16	
F 2	22 1	15 17	3 28	25 46	2 17	7 56	2 16	22 11	2 41	23 3	0 7	18 45	0 32	23 15	0 23	22 17	1 0	0 3	15 31	23 23	23 20	11 38	17 3	6 17	
S 3	22 9	19 6	2 27	25 41	2 14	8 20	2 18	22 13	2 44	23 4	0 6	18 46	0 32	23 14	0 23	22 17	1 0	0 3	15 31	23 23	23 20	11 36	17 3	6 17	
S 4	22 18	21 50	1 18	25 35	2 9	8 43	2 19	22 16	2 47	23 4	0 6	18 46	0 32	23 14	0 23	22 18	1 0	0 4	15 32	23 23	23 21	11 34	17 2	6 17	
M 5	22 25	23 19	0 7	25 28	2 3	9 7	2 20	22 19	2 49	23 5	0 6	18 47	0 32	23 14	0 23	22 18	1 0	0 4	15 32	23 23	23 21	11 32	17 2	6 17	
T 6	22 33	23 31	1n 3	25 19	1 57	9 30	2 21	22 22	2 52	23 5	0 6	18 47	0 32	23 13	0 23	22 18	1 0	0 5	15 32	23 23	23 21	11 29	17 2	6 18	
W 7	22 40	22 32	2 9	25 10	1 49	9 54	2 21	22 25	2 55	23 6	0 6	18 48	0 33	23 13	0 23	22 18	1 0	0 5	15 32	23 23	23 21	11 27	17 1	6 18	
T 8	22 46	20 29	3 7	24 59	1 41	10 17	2 22	22 28	2 58	23 6	0 6	18 49	0 33	23 13	0 23	22 18	1 0	0 5	15 33	23 23	23 21	11 25	17 1	6 18	
F 9	22 52	17 34	3 56	24 46	1 31	10 40	2 22	22 32	3 0	23 7	0 6	18 49	0 33	23 12	0 23	22 18	1 0	0 6	15 33	23 23	23 21	11 23	17 1	6 18	
S 10	22 58	13 58	4 34	24 33	1 20	11 3	2 23	22 36	3 3	23 8	0 6	18 50	0 33	23 12	0 23	22 18	1 0	0 6	15 33	23 23	23 21	11 20	17 0	6 18	
S 11	23 3	9 50	5 1	24 19	1 7	11 26	2 23	22 40	3 6	23 8	0 5	18 51	0 33	23 12	0 23	22 18	1 0	0 6	15 33	23 23	23 22	11 18	17 0	6 18	
M12	23 7	5 20	5 14	24 4	0 53	11 49	2 23	22 44	3 9	23 9	0 5	18 52	0 33	23 11	0 23	22 18	1 0	0 7	15 34	23 23	23 22	11 16	17 0	6 18	
T 13	23 12	0 35	5 15	23 49	0 38	12 11	2 23	22 48	3 11	23 9	0 5	18 52	0 34	23 11	0 23	22 18	1 0	0 7	15 34	23 23	23 22	11 14	16 59	6 19	
W14	23 15	4 s15	5 1	23 33	0 22	12 34	2 23	22 53	3 14	23 10	0 5	18 53	0 34	23 11	0 23	22 18	1 0	0 7	15 34	23 23	23 22	11 11	16 59	6 19	
T 15	23 19	9 2	4 33	23 16	0 4	12 56	2 23	22 58	3 17	23 11	0 5	18 54	0 34	23 10	0 23	22 18	1 0	0 8	15 35	23 23	23 22	11 9	16 59	6 19	
F 16	23 21	13 32	3 51	22 59	0n14	13 18	2 23	23 2	3 20	23 11	0 5	18 55	0 34	23 10	0 23	22 19	1 0	0 8	15 35	23 23	23 22	11 7	16 58	6 19	
S 17	23 24	17 33	2 56	22 42	0 34	13 39	2 22	23 8	3 22	23 12	0 5	18 56	0 34	23 10	0 23	22 19	1 0	0 8	15 35	23 23	23 22	11 4	16 58	6 19	
S 18	23 26	20 46	1 50	22 25	0 53	14 1	2 22	23 13	3 25	23 12	0 4	18 57	0 34	23 9	0 23	22 19	1 0	0 8	15 36	23 23	23 22	11 2	16 58	6 19	
M19	23 27	22 52	0 36	22 8	1 13	14 22	2 21	23 18	3 28	23 13	0 4	18 58	0 34	23 9	0 23	22 19	1 0	0 8	15 36	23 23	23 23	11 0	16 58	6 19	
T 20	23 28	23 36	0 s42	21 51	1 33	14 43	2 20	23 24	3 30	23 13	0 4	18 59	0 35	23 9	0 23	22 19	1 0	0 9	15 36	23 23	23 23	10 58	16 57	6 19	
W21	23 28	22 49	1 58	21 34	1 52	15 3	2 20	23 29	3 33	23 14	0 4	19 0	0 35	23 8	0 23	22 19	1 0	0 9	15 37	23 23	23 23	10 55	16 57	6 19	
T 22	23 28	20 33	3 7	21 18	2 9	15 24	2 19	23 35	3 35	23 14	0 4	19 1	0 35	23 8	0 23	22 19	1 0	0 9	15 37	23 23	23 23	10 53	16 57	6 19	
F 23	23 28	17 0	4 5	21 3	2 25	15 43	2 18	23 41	3 38	23 15	0 4	19 2	0 35	23 8	0 23	22 19	1 0	0 9	15 37	23 23	23 23	10 51	16 57	6 19	
S 24	23 27	12 27	4 47	20 49	2 39	16 3	2 17	23 47	3 40	23 16	0 4	19 3	0 35	23 7	0 23	22 19	1 0	0 9	15 38	23 23	23 23	10 48	16 56	6 19	
S 25	23 25	7 14	5 11	20 37	2 50	16 22	2 16	23 53	3 43	23 16	0 3	19 4	0 35	23 7	0 23	22 19	1 0	0 9	15 38	23 23	23 23	10 46	16 56	6 19	
M26	23 23	1 42	5 17	20 27	2 59	16 41	2 14	23 59	3 45	23 17	0 3	19 5	0 35	23 6	0 23	22 19	1 0	0 10	15 39	23 23	23 23	10 44	16 56	6 19	
T 27	23 21	3n52	5 3	20 19	3 6	17 0	2 13	24 5	3 48	23 17	0 3	19 6	0 36	23 6	0 23	22 19	1 0	0 10	15 39	23 23	23 24	10 41	16 56	6 19	
W28	23 18	9 11	4 32	20 13	3 10	17 18	2 11	24 11	3 50	23 18	0 3	19 7	0 36	23 6	0 23	22 20	1 0	0 10	15 39	23 23	23 24	10 39	16 56	6 19	
T 29	23 15	13 58	3 46	20 9	3 11	17 36	2 10	24 17	3 52	23 18	0 3	19 8	0 36	23 5	0 23	22 20	1 0	0 10	15 40	23 23	23 24	10 37	16 55	6 19	
F 30	23 11	18 0	2 48	20 7	3 11	17 53	2 8	24 23	3 54	23 19	0 3	19 9	0 36	23 5	0 23	22 20	1 0	0 10	15 40	23 23	23 24	10 34	16 55	6 19	
S 31	23 s 7	21n 3	1 s42	20 s 8	3n 9	18 s10	2n 7	24n30	3n56	23n19	0 s 3	19n11	0n36	23 s 5	0 s23	22n20	1 s 0	0 s10	15n41	23n23	23n24	10n32	16n55	6 s19	

Julian Day Number = 2356916.5, Delta T = 13.49 sec
Ecliptic obliquity = 23°28'21, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'24, Lahiri = 20°14'24Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1741
geocentric

JANUARY 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 44	10♑45'28	29♊ 3	22°R41	1♐27	27°R24	5°R17	6°R45	14♑30	6°R 5	10♏51	4°R47	4♋21	14♍43	21°R50	S 1
M 2	6 46 40	11°46'37	11♋49	22°D35	2°40	27♋ 3	5♋ 9	6♌41	14°34	6♋ 3	10°53	4♋47	4°18	14°49	21♊47	M 2
T 3	6 50 37	12°47'46	24°23	22♐38	3°52	26°41	5° 1	6°37	14°37	6° 2	10°54	4°47	4°15	14°56	21°43	T 3
W 4	6 54 33	13°48'54	6♌44	22°50	5° 5	26°18	4°53	6°33	14°41	6° 0	10°55	4°46	4°11	15° 3	21°39	W 4
T 5	6 58 30	14°50'03	18°53	23° 9	6°17	25°55	4°45	6°28	14°44	5°58	10°57	4°44	4° 8	15°10	21°36	T 5
F 6	7 2 27	15°51'11	0♍54	23°35	7°30	25°32	4°37	6°24	14°48	5°57	10°58	4°43	4° 5	15°16	21°32	F 6
S 7	7 6 23	16°52'19	12°49	24° 8	8°43	25° 9	4°30	6°19	14°52	5°55	10°59	4°41	4° 2	15°23	21°29	S 7
S 8	7 10 20	17°53'28	24°40	24°46	9°55	24°45	4°22	6°15	14°55	5°53	11° 1	4°39	3°59	15°30	21°26	S 8
M 9	7 14 16	18°54'36	6♎33	25°30	11° 8	24°21	4°14	6°10	14°59	5°52	11° 2	4°38	3°55	15°36	21°22	M 9
T 10	7 18 13	19°55'44	18°31	26°18	12°21	23°58	4° 7	6° 6	15° 2	5°50	11° 3	4°D38	3°52	15°43	21°19	T 10
W11	7 22 9	20°56'51	0♏40	27°10	13°34	23°34	3°59	6° 1	15° 6	5°48	11° 4	4°38	3°49	15°50	21°16	W11
T 12	7 26 6	21°57'59	13° 4	28° 5	14°47	23° 9	3°52	5°57	15° 9	5°47	11° 5	4°39	3°46	15°57	21°13	T 12
F 13	7 30 2	22°59'06	25°46	29° 5	16° 0	22°45	3°44	5°52	15°13	5°45	11° 6	4°40	3°43	16° 3	21° 9	F 13
S 14	7 33 59	24° 0'13	8♐52	0♑ 7	17°13	22°21	3°37	5°47	15°16	5°43	11° 7	4°42	3°40	16°10	21° 6	S 14
S 15	7 37 56	25° 1'20	22°22	1°11	18°26	21°57	3°30	5°42	15°20	5°42	11° 9	4°43	3°36	16°17	21° 3	S 15
M16	7 41 52	26° 2'27	6♑17	2°19	19°39	21°34	3°23	5°37	15°24	5°40	11°10	4°R43	3°33	16°23	21° 0	M16
T 17	7 45 49	27° 3'33	20°36	3°28	20°53	21°10	3°16	5°33	15°27	5°39	11°10	4°43	3°30	16°30	20°57	T 17
W18	7 49 45	28° 4'38	5♒12	4°39	22° 6	20°47	3° 9	5°28	15°31	5°37	11°11	4°41	3°27	16°37	20°55	W18
T 19	7 53 42	29° 5'42	20° 1	5°53	23°19	20°24	3° 3	5°23	15°34	5°36	11°12	4°38	3°24	16°44	20°52	T 19
F 20	7 57 38	0♒ 6'46	4♓53	7° 8	24°32	20° 1	2°56	5°18	15°38	5°34	11°13	4°34	3°21	16°50	20°49	F 20
S 21	8 1 35	1° 7'48	19°41	8°24	25°46	19°39	2°50	5°13	15°41	5°33	11°14	4°30	3°17	16°57	20°46	S 21
S 22	8 5 31	2° 8'49	4♈17	9°42	26°59	19°17	2°44	5° 8	15°44	5°31	11°15	4°27	3°14	17° 4	20°44	S 22
M23	8 9 28	3° 9'49	18°38	11° 1	28°12	18°56	2°38	5° 3	15°48	5°30	11°16	4°25	3°11	17°11	20°41	M23
T 24	8 13 25	4°10'48	2♉39	12°21	29°26	18°35	2°32	4°58	15°51	5°28	11°16	4°D24	3° 8	17°17	20°39	T 24
W25	8 17 21	5°11'46	16°21	13°43	0♑39	18°14	2°26	4°53	15°55	5°27	11°17	4°25	3° 5	17°24	20°36	W25
T 26	8 21 18	6°12'43	29°43	15° 6	1°53	17°55	2°20	4°49	15°58	5°25	11°18	4°26	3° 1	17°31	20°34	T 26
F 27	8 25 14	7°13'38	12♊49	16°29	3° 6	17°35	2°15	4°44	16° 2	5°24	11°18	4°28	2°58	17°37	20°32	F 27
S 28	8 29 11	8°14'32	25°40	17°54	4°20	17°17	2° 9	4°39	16° 5	5°23	11°19	4°29	2°55	17°44	20°30	S 28
S 29	8 33 7	9°15'25	8♋18	19°20	5°33	16°59	2° 4	4°34	16° 8	5°21	11°19	4°R29	2°52	17°51	20°27	S 29
M30	8 37 4	10°16'16	20°45	20°46	6°47	16°42	1°59	4°29	16°12	5°20	11°20	4°28	2°49	17°58	20°25	M30
T 31	8 41 1	11♒17'06	3♌ 3	22♑13	8♑ 1	16♋25	1♋54	4♌24	16♑15	5♋19	11♏20	4♋25	2♋46	18♍ 4	20♊23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	22n56	0s32	20s11	3n 6	18s26	2n 5	24n36	3n58	23n20	0s 2	19n12	0n36	23s 4	0s23	22n20	1s 0	0s10	15n41	23n23	23n24	10n30	16n55	6s19
M 2	22 57	23 36	0n39	20 15	3 1	18 43	2 3	24 42	4 0	23 20	0 2	19 13	0 36	23 4	0 23	22 20	1 0	0 10	15 41	23 23	23 24	10 27	16 55	6 19
T 3	22 51	23 1	1 46	20 21	2 55	18 58	2 1	24 48	4 2	23 20	0 2	19 14	0 37	23 3	0 23	22 20	1 0	0 10	15 42	23 23	23 24	10 25	16 55	6 19
W 4	22 45	21 19	2 48	20 29	2 48	19 13	1 59	24 54	4 4	23 21	0 2	19 15	0 37	23 3	0 23	22 20	1 0	0 10	15 42	23 23	23 24	10 23	16 55	6 19
T 5	22 39	18 40	3 41	20 37	2 41	19 28	1 57	25 0	4 5	23 21	0 2	19 16	0 37	23 3	0 23	22 20	1 0	0 10	15 43	23 23	23 24	10 20	16 55	6 19
F 6	22 32	15 16	4 23	20 47	2 33	19 42	1 55	25 6	4 7	23 22	0 2	19 18	0 37	23 2	0 23	22 20	1 0	0 10	15 43	23 23	23 25	10 18	16 54	6 18
S 7	22 24	11 16	4 53	20 57	2 24	19 56	1 53	25 12	4 8	23 22	0 2	19 19	0 37	23 2	0 23	22 20	1 0	0 10	15 44	23 23	23 25	10 16	16 54	6 18
S 8	22 16	6 53	5 11	21 7	2 15	20 9	1 51	25 18	4 9	23 23	0 1	19 20	0 37	23 2	0 23	22 21	1 0	0 10	15 44	23 23	23 25	10 13	16 54	6 18
M 9	22 8	2 14	5 16	21 18	2 6	20 21	1 48	25 23	4 11	23 23	0 1	19 21	0 37	23 1	0 23	22 21	1 0	0 10	15 44	23 23	23 25	10 11	16 54	6 18
T 10	21 59	2s32	5 7	21 29	1 57	20 33	1 46	25 29	4 12	23 23	0 1	19 23	0 37	23 1	0 23	22 21	1 0	0 10	15 45	23 23	23 25	10 9	16 54	6 18
W11	21 50	7 17	4 44	21 40	1 47	20 45	1 44	25 34	4 13	23 24	0 1	19 24	0 38	23 0	0 23	22 21	1 0	0 10	15 45	23 23	23 25	10 6	16 54	6 18
T 12	21 41	11 50	4 8	21 50	1 38	20 56	1 41	25 39	4 14	23 24	0 1	19 25	0 38	23 0	0 24	22 21	1 0	0 9	15 46	23 23	23 25	10 4	16 54	6 17
F 13	21 31	16 1	3 19	22 0	1 28	21 6	1 39	25 44	4 15	23 24	0 1	19 27	0 38	23 0	0 24	22 21	1 0	0 9	15 46	23 23	23 25	10 1	16 54	6 17
S 14	21 20	19 32	2 18	22 10	1 18	21 16	1 36	25 49	4 15	23 25	0 1	19 28	0 38	22 59	0 24	22 21	1 0	0 9	15 47	23 23	23 25	9 59	16 54	6 17
S 15	21 9	22 8	1 8	22 19	1 9	21 25	1 33	25 53	4 16	23 25	0 0	19 29	0 38	22 59	0 24	22 21	1 0	0 9	15 47	23 23	23 25	9 57	16 54	6 17
M16	20 58	23 28	0s 9	22 28	1 0	21 34	1 31	25 58	4 16	23 25	0 0	19 30	0 38	22 58	0 24	22 21	1 0	0 9	15 48	23 23	23 25	9 54	16 54	6 17
T 17	20 47	23 19	1 26	22 35	0 50	21 42	1 28	26 2	4 17	23 26	0 0	19 32	0 38	22 58	0 24	22 21	1 0	0 9	15 48	23 23	23 26	9 52	16 54	6 16
W18	20 35	21 35	2 40	22 42	0 41	21 49	1 25	26 6	4 17	23 26	0 0	19 33	0 38	22 58	0 24	22 21	1 0	0 8	15 49	23 23	23 26	9 49	16 54	6 16
T 19	20 22	18 22	3 44	22 49	0 32	21 56	1 23	26 9	4 17	23 26	0n 0	19 34	0 39	22 57	0 24	22 22	1 0	0 8	15 49	23 23	23 26	9 47	16 54	6 16
F 20	20 9	13 57	4 33	22 54	0 23	22 2	1 20	26 13	4 17	23 27	0 0	19 36	0 39	22 57	0 24	22 22	1 0	0 8	15 50	23 24	23 26	9 45	16 54	6 16
S 21	19 56	8 44	5 3	22 58	0 14	22 7	1 17	26 16	4 17	23 27	0 0	19 37	0 39	22 56	0 24	22 22	1 0	0 8	15 50	23 24	23 26	9 42	16 54	6 15
S 22	19 43	3 5	5 13	23 1	0 6	22 12	1 14	26 19	4 17	23 27	0 1	19 38	0 39	22 56	0 24	22 22	1 0	0 8	15 51	23 24	23 26	9 40	16 55	6 15
M23	19 29	2n37	5 4	23 3	0s 2	22 17	1 11	26 22	4 17	23 27	0 1	19 40	0 39	22 56	0 24	22 22	1 0	0 7	15 51	23 24	23 26	9 37	16 55	6 15
T 24	19 14	8 5	4 36	23 4	0 11	22 20	1 8	26 25	4 16	23 28	0 1	19 41	0 39	22 55	0 24	22 22	1 0	0 7	15 52	23 24	23 26	9 35	16 55	6 15
W25	19 0	13 1	3 53	23 4	0 18	22 23	1 5	26 27	4 16	23 28	0 1	19 42	0 39	22 55	0 24	22 22	1 0	0 7	15 52	23 24	23 26	9 33	16 55	6 14
T 26	18 45	17 13	2 59	23 3	0 26	22 25	1 2	26 29	4 15	23 28	0 1	19 43	0 39	22 54	0 24	22 22	1 0	0 7	15 53	23 24	23 26	9 30	16 55	6 14
F 27	18 29	20 27	1 56	23 1	0 34	22 27	0 59	26 31	4 15	23 28	0 1	19 45	0 39	22 54	0 24	22 22	1 0	0 6	15 53	23 24	23 26	9 28	16 55	6 14
S 28	18 14	22 36	0 48	22 57	0 41	22 28	0 56	26 33	4 14	23 29	0 1	19 46	0 39	22 54	0 24	22 22	1 0	0 6	15 54	23 24	23 26	9 25	16 55	6 13
S 29	17 58	23 33	0n21	22 52	0 48	22 28	0 53	26 35	4 13	23 29	0 1	19 47	0 40	22 53	0 24	22 22	1 0	0 6	15 54	23 24	23 27	9 23	16 55	6 13
M30	17 42	23 19	1 27	22 46	0 55	22 28	0 50	26 36	4 12	23 29	0 2	19 49	0 40	22 53	0 24	22 22	0 59	0 5	15 55	23 24	23 27	9 20	16 56	6 13
T 31	17s25	21n55	2n29	22s39	1s 1	22s27	0n47	26n37	4n11	23n29	0n 2	19n50	0n40	22s53	0s24	22n23	0s59	0s 5	15n55	23n24	23n27	9n18	16n56	6s13

Julian Day Number = 2356947.5, Delta T = 13.51 sec
Ecliptic obliquity = 23°28'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'28, Lahiri = 20°14'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

FEBRUARY 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 57	12♒17'56	15♌12	23♉42	9♉14	16°R 9	1°R50	4°R19	16♉18	5°R17	11♏21	4°R20	2♋42	18♍11	20°R22	W 1
T 2	8 48 54	13°18'43	27°15	25°11	10°28	15♋54	1♋45	4♌14	16°22	5♋16	11°21	4♋13	2°39	18°18	20♊20	T 2
F 3	8 52 50	14°19'30	9♍12	26°41	11°41	15°40	1°41	4°10	16°25	5°15	11°21	4° 5	2°36	18°24	20°18	F 3
S 4	8 56 47	15°20'15	21° 5	28°12	12°55	15°26	1°37	4° 5	16°28	5°14	11°22	3°57	2°33	18°31	20°16	S 4
S 5	9 0 43	16°21'00	2♎57	29°43	14° 9	15°13	1°33	4° 0	16°31	5°12	11°22	3°49	2°30	18°38	20°15	S 5
M 6	9 4 40	17°21'43	14°50	1♒16	15°23	15° 1	1°29	3°55	16°35	5°11	11°22	3°43	2°26	18°45	20°13	M 6
T 7	9 8 36	18°22'25	26°47	2°49	16°36	14°50	1°26	3°51	16°38	5°10	11°23	3°38	2°23	18°51	20°12	T 7
W 8	9 12 33	19°23'06	8♏52	4°23	17°50	14°39	1°22	3°46	16°41	5° 9	11°23	3°36	2°20	18°58	20°10	W 8
T 9	9 16 29	20°23'46	21°11	5°58	19° 4	14°30	1°19	3°41	16°44	5° 8	11°23	3°D35	2°17	19° 5	20° 9	T 9
F 10	9 20 26	21°24'24	3♐48	7°34	20°18	14°21	1°16	3°37	16°47	5° 7	11°23	3°36	2°14	19°11	20° 8	F 10
S 11	9 24 23	22°25'02	16°47	9°11	21°32	14°13	1°13	3°32	16°50	5° 6	11°23	3°37	2°11	19°18	20° 7	S 11
S 12	9 28 19	23°25'38	0♑12	10°49	22°45	14° 5	1°11	3°28	16°53	5° 5	11°23	3°R38	2° 7	19°25	20° 6	S 12
M13	9 32 16	24°26'14	14° 6	12°27	23°59	13°59	1° 8	3°23	16°56	5° 4	11°R23	3°37	2° 4	19°32	20° 5	M13
T 14	9 36 12	25°26'48	28°28	14° 6	25°13	13°53	1° 6	3°19	16°59	5° 3	11°23	3°35	2° 1	19°38	20° 4	T 14
W15	9 40 9	26°27'20	13♒15	15°47	26°27	13°48	1° 4	3°15	17° 2	5° 2	11°23	3°30	1°58	19°45	20° 3	W15
T 16	9 44 5	27°27'51	28°20	17°28	27°41	13°44	1° 2	3°10	17° 5	5° 1	11°23	3°23	1°55	19°52	20° 2	T 16
F 17	9 48 2	28°28'20	13♓34	19°10	28°55	13°40	1° 1	3° 6	17° 8	5° 0	11°23	3°15	1°52	19°58	20° 2	F 17
S 18	9 51 58	29°28'47	28°46	20°53	0♒ 9	13°38	0°59	3° 2	17°11	4°59	11°23	3° 6	1°48	20° 5	20° 1	S 18
S 19	9 55 55	0♓29'13	13♈46	22°37	1°23	13°36	0°58	2°58	17°14	4°58	11°22	2°58	1°45	20°12	20° 1	S 19
M20	9 59 52	1°29'37	28°24	24°22	2°37	13°35	0°57	2°54	17°17	4°57	11°22	2°51	1°42	20°19	20° 0	M20
T 21	10 3 48	2°29'58	12♉38	26° 8	3°51	13°D35	0°56	2°50	17°19	4°57	11°22	2°47	1°39	20°25	20° 0	T 21
W22	10 7 45	3°30'18	26°24	27°55	5° 4	13°35	0°56	2°46	17°22	4°56	11°21	2°45	1°36	20°32	20° 0	W22
T 23	10 11 41	4°30'36	9♊45	29°43	6°18	13°36	0°55	2°42	17°25	4°55	11°21	2°D45	1°32	20°39	20° 0	T 23
F 24	10 15 38	5°30'52	22°44	1♓31	7°32	13°38	0°55	2°38	17°27	4°55	11°21	2°46	1°29	20°46	20°D 0	F 24
S 25	10 19 34	6°31'06	5♋23	3°21	8°46	13°41	0°D55	2°35	17°30	4°54	11°20	2°R46	1°26	20°52	20° 0	S 25
S 26	10 23 31	7°31'17	17°48	5°12	10° 0	13°44	0°55	2°31	17°33	4°53	11°20	2°45	1°23	20°59	20° 0	S 26
M27	10 27 27	8°31'27	0♌ 1	7° 4	11°14	13°48	0°55	2°28	17°35	4°53	11°19	2°41	1°20	21° 6	20° 0	M27
T 28	10 31 24	9♓31'35	12♌ 6	8♓57	12♒28	13♋53	0♋56	2♌24	17♉38	4♋52	11♏19	2♋35	1♋17	21♍12	20♊ 1	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 8	19n32	3n23	22s30	1s 7	22s25	0n44	26n38	4n10	23n29	0n 2	19n51	0n40	22s52	0s24	22n23	0s59	0s 5	15n56	23n24	23n27	9n16	16n56	6s12
T 2	16 51	16 19	4 7	22 20	1 13	22 23	0 41	26 39	4 9	23 30	0 2	19 52	0 40	22 52	0 24	22 23	0 59	0 4	15 56	23 24	23 27	9 13	16 56	6 12
F 3	16 33	12 27	4 40	22 9	1 19	22 20	0 38	26 40	4 8	23 30	0 2	19 54	0 40	22 51	0 24	22 23	0 59	0 4	15 57	23 25	23 27	9 11	16 56	6 12
S 4	16 16	8 9	5 1	21 56	1 25	22 16	0 35	26 40	4 7	23 30	0 2	19 55	0 40	22 51	0 24	22 23	0 59	0 3	15 57	23 25	23 27	9 8	16 57	6 11
S 5	15 57	3 33	5 9	21 42	1 30	22 12	0 32	26 40	4 6	23 30	0 2	19 56	0 40	22 51	0 24	22 23	0 59	0 3	15 58	23 25	23 27	9 6	16 57	6 11
M 6	15 39	1s12	5 3	21 27	1 35	22 7	0 29	26 40	4 5	23 30	0 3	19 57	0 40	22 50	0 24	22 23	0 59	0 3	15 58	23 25	23 27	9 3	16 57	6 11
T 7	15 21	5 55	4 44	21 10	1 39	22 1	0 26	26 40	4 3	23 31	0 3	19 58	0 40	22 50	0 24	22 23	0 59	0 2	15 59	23 25	23 27	9 1	16 57	6 10
W 8	15 2	10 29	4 12	20 52	1 43	21 55	0 23	26 40	4 2	23 31	0 3	20 0	0 41	22 49	0 24	22 23	0 59	0 2	15 59	23 25	23 27	8 58	16 58	6 10
T 9	14 43	14 43	3 29	20 32	1 47	21 48	0 20	26 40	4 0	23 31	0 3	20 1	0 41	22 49	0 24	22 23	0 59	0 1	16 0	23 25	23 27	8 56	16 58	6 9
F 10	14 23	18 25	2 34	20 11	1 51	21 40	0 16	26 39	3 59	23 31	0 3	20 2	0 41	22 49	0 24	22 23	0 59	0 1	16 0	23 25	23 27	8 54	16 58	6 9
S 11	14 4	21 20	1 30	19 49	1 54	21 32	0 13	26 39	3 57	23 31	0 3	20 3	0 41	22 48	0 24	22 23	0 59	0 0	16 1	23 25	23 27	8 51	16 59	6 9
S 12	13 44	23 10	0 18	19 25	1 57	21 23	0 10	26 38	3 56	23 31	0 3	20 4	0 41	22 48	0 24	22 24	0 59	0n 0	16 1	23 25	23 27	8 49	16 59	6 8
M13	13 24	23 39	0s56	19 0	2 0	21 13	0 7	26 37	3 54	23 31	0 3	20 5	0 41	22 48	0 24	22 24	0 59	0 1	16 2	23 25	23 27	8 46	16 59	6 8
T 14	13 3	22 36	2 9	18 34	2 2	21 3	0 4	26 36	3 53	23 32	0 4	20 6	0 41	22 47	0 24	22 24	0 59	0 1	16 2	23 25	23 27	8 44	16 59	6 8
W15	12 43	20 0	3 16	18 6	2 4	20 52	0 1	26 35	3 51	23 32	0 4	20 7	0 41	22 47	0 24	22 24	0 59	0 2	16 3	23 26	23 27	8 41	17 0	6 7
T 16	12 22	15 59	4 10	17 36	2 5	20 41	0s 1	26 34	3 49	23 32	0 4	20 9	0 41	22 47	0 24	22 24	0 59	0 2	16 3	23 26	23 28	8 39	17 0	6 7
F 17	12 1	10 53	4 47	17 5	2 6	20 29	0 4	26 32	3 48	23 32	0 4	20 10	0 41	22 46	0 24	22 24	0 59	0 3	16 4	23 26	23 28	8 36	17 0	6 6
S 18	11 40	5 8	5 4	16 33	2 7	20 16	0 7	26 31	3 46	23 32	0 4	20 11	0 41	22 46	0 24	22 24	0 59	0 3	16 4	23 26	23 28	8 34	17 1	6 6
S 19	11 19	0n50	5 0	16 0	2 7	20 3	0 10	26 30	3 44	23 32	0 4	20 12	0 41	22 46	0 24	22 24	0 59	0 4	16 5	23 26	23 28	8 31	17 1	6 6
M20	10 58	6 38	4 35	15 24	2 7	19 49	0 13	26 28	3 42	23 32	0 4	20 13	0 41	22 45	0 24	22 24	0 59	0 4	16 5	23 27	23 28	8 29	17 2	6 5
T 21	10 36	11 55	3 55	14 48	2 6	19 35	0 16	26 26	3 41	23 33	0 4	20 14	0 41	22 45	0 24	22 24	0 59	0 5	16 6	23 27	23 28	8 26	17 2	6 5
W22	10 14	16 26	3 1	14 10	2 5	19 20	0 19	26 24	3 39	23 33	0 4	20 15	0 42	22 45	0 24	22 24	0 59	0 5	16 6	23 27	23 28	8 24	17 2	6 4
T 23	9 52	19 58	2 0	13 31	2 3	19 4	0 21	26 23	3 37	23 33	0 5	20 15	0 42	22 44	0 24	22 24	0 59	0 6	16 7	23 27	23 28	8 21	17 3	6 4
F 24	9 30	22 23	0 53	12 50	2 1	18 48	0 24	26 21	3 35	23 33	0 5	20 16	0 42	22 44	0 24	22 24	0 59	0 6	16 7	23 27	23 28	8 19	17 3	6 4
S 25	9 8	23 36	0n14	12 8	1 58	18 31	0 27	26 19	3 34	23 33	0 5	20 17	0 42	22 44	0 24	22 24	0 59	0 7	16 7	23 27	23 28	8 16	17 4	6 3
S 26	8 46	23 36	1 19	11 24	1 55	18 14	0 29	26 16	3 32	23 33	0 5	20 18	0 42	22 43	0 24	22 24	0 59	0 7	16 8	23 27	23 28	8 14	17 4	6 3
M27	8 23	22 27	2 20	10 39	1 52	17 56	0 32	26 14	3 30	23 33	0 5	20 19	0 42	22 43	0 24	22 25	0 58	0 8	16 8	23 27	23 28	8 11	17 4	6 2
T 28	8s 1	20n16	3n13	9s53	1s48	17s38	0s35	26n12	3n28	23n33	0n 5	20n20	0n42	22s43	0s24	22n25	0s58	0n 9	16n 9	23n27	23n28	8n 9	17n 5	6s 2

Julian Day Number = 2356978.5, Delta T = 13.53 sec
Ecliptic obliquity = 23°28'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'32, Lahiri = 20°14'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

MARCH 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 21	10♓31'40	24♌ 6	10♓51	13♒42	13♋58	0♋57	2°R21	17♑40	4°R52	11°R18	2°R26	1♋13	21♍19	20♊ 1	W 1
T 2	10 39 17	11°31'44	6♍ 1	12°45	14°56	14° 4	0°58	2♌18	17°43	4♋51	11♏18	2♋15	1°10	21°26	20° 1	T 2
F 3	10 43 14	12°31'46	17°55	14°41	16°10	14°11	0°59	2°15	17°45	4°51	11°17	2° 1	1° 7	21°33	20° 2	F 3
S 4	10 47 10	13°31'45	29°47	16°37	17°24	14°18	1° 0	2°12	17°48	4°50	11°16	1°48	1° 4	21°39	20° 3	S 4
S 5	10 51 7	14°31'43	11♎40	18°34	18°38	14°26	1° 2	2° 9	17°50	4°50	11°16	1°34	1° 1	21°46	20° 3	S 5
M 6	10 55 3	15°31'40	23°36	20°31	19°52	14°35	1° 4	2° 6	17°52	4°50	11°15	1°23	0°58	21°53	20° 4	M 6
T 7	10 59 0	16°31'34	5♏35	22°29	21° 6	14°44	1° 5	2° 3	17°54	4°49	11°14	1°14	0°54	21°59	20° 5	T 7
W 8	11 2 56	17°31'27	17°42	24°27	22°20	14°54	1° 8	2° 0	17°57	4°49	11°13	1° 8	0°51	22° 6	20° 6	W 8
T 9	11 6 53	18°31'18	0♐ 0	26°24	23°34	15° 4	1°10	1°57	17°59	4°49	11°13	1° 4	0°48	22°13	20° 7	T 9
F 10	11 10 50	19°31'07	12°33	28°22	24°48	15°15	1°12	1°55	18° 1	4°49	11°12	1° 3	0°45	22°20	20° 8	F 10
S 11	11 14 46	20°30'55	25°26	0♈19	26° 2	15°26	1°15	1°53	18° 3	4°48	11°11	1° 3	0°42	22°26	20°10	S 11
S 12	11 18 43	21°30'41	8♑43	2°15	27°16	15°38	1°18	1°50	18° 5	4°48	11°10	1° 2	0°38	22°33	20°11	S 12
M13	11 22 39	22°30'25	22°27	4°10	28°30	15°50	1°21	1°48	18° 7	4°48	11° 9	1° 1	0°35	22°40	20°12	M13
T 14	11 26 36	23°30'08	6♒41	6° 4	29°44	16° 3	1°24	1°46	18° 9	4°48	11° 8	0°58	0°32	22°47	20°14	T 14
W15	11 30 32	24°29'49	21°22	7°56	0♓58	16°17	1°28	1°44	18°11	4°48	11° 7	0°51	0°29	22°53	20°15	W15
T 16	11 34 29	25°29'28	6♓25	9°45	2°12	16°31	1°31	1°42	18°13	4°D48	11° 6	0°42	0°26	23° 0	20°17	T 16
F 17	11 38 25	26°29'05	21°43	11°31	3°26	16°45	1°35	1°40	18°15	4°48	11° 5	0°32	0°23	23° 7	20°19	F 17
S 18	11 42 22	27°28'40	7♈ 4	13°14	4°40	17° 0	1°39	1°38	18°17	4°48	11° 4	0°20	0°19	23°13	20°21	S 18
S 19	11 46 19	28°28'12	22°16	14°53	5°54	17°16	1°43	1°37	18°18	4°48	11° 3	0° 9	0°16	23°20	20°22	S 19
M20	11 50 15	29°27'43	7♉ 9	16°28	7° 8	17°31	1°47	1°35	18°20	4°48	11° 2	0° 1	0°13	23°27	20°24	M20
T 21	11 54 12	0♈27'12	21°36	17°59	8°22	17°48	1°52	1°34	18°22	4°48	11° 1	29♊54	0°10	23°34	20°26	T 21
W22	11 58 8	1°26'38	5♊33	19°24	9°36	18° 4	1°57	1°33	18°23	4°49	10°59	29°51	0° 7	23°40	20°29	W22
T 23	12 2 5	2°26'02	19° 1	20°44	10°50	18°22	2° 1	1°31	18°25	4°49	10°58	29°49	0° 3	23°47	20°31	T 23
F 24	12 6 1	3°25'23	2♋ 3	21°58	12° 4	18°39	2° 6	1°30	18°26	4°49	10°57	29°49	0° 0	23°54	20°33	F 24
S 25	12 9 58	4°24'43	14°41	23° 7	13°18	18°57	2°12	1°29	18°28	4°49	10°56	29°49	29♊57	24° 0	20°35	S 25
S 26	12 13 54	5°24'00	27° 2	24° 8	14°32	19°16	2°17	1°29	18°29	4°50	10°55	29°48	29°54	24° 7	20°38	S 26
M27	12 17 51	6°23'14	9♌10	25° 4	15°46	19°34	2°22	1°28	18°31	4°50	10°53	29°44	29°51	24°14	20°40	M27
T 28	12 21 48	7°22'26	21° 9	25°52	17° 0	19°53	2°28	1°27	18°32	4°51	10°52	29°38	29°48	24°21	20°43	T 28
W29	12 25 44	8°21'36	3♍ 3	26°34	18°14	20°13	2°34	1°27	18°33	4°51	10°51	29°28	29°44	24°27	20°46	W29
T 30	12 29 41	9°20'44	14°55	27° 8	19°28	20°33	2°40	1°26	18°34	4°51	10°49	29°17	29°41	24°34	20°48	T 30
F 31	12 33 37	10♈19'49	26♍47	27♈36	20♓42	20♋53	2♋46	1♌26	18♑36	4♋52	10♏48	29♊ 3	29♊38	24♍41	20♊51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	7s38	17n14	3n57	9s 6	1s43	17s20	0s37	26n10	3n26	23n33	0n 5	20n21	0n42	22s42	0s24	22n25	0s58	0n 9	16n 9	23n27	23n28	8n 6	17n 5	6s 1	W 1
T 2	7 15	13 30	4 30	8 17	1 38	17 0	0 40	26 7	3 25	23 34	0 5	20 21	0 42	22 42	0 24	22 25	0 58	0 10	16 10	23 27	23 28	8 4	17 6	6 1	T 2
F 3	6 52	9 15	4 52	7 27	1 32	16 41	0 42	26 5	3 23	23 34	0 5	20 22	0 42	22 42	0 24	22 25	0 58	0 10	16 10	23 27	23 28	8 1	17 6	6 1	F 3
S 4	6 29	4 41	5 1	6 36	1 25	16 21	0 44	26 2	3 21	23 34	0 6	20 23	0 42	22 41	0 24	22 25	0 58	0 11	16 11	23 28	23 28	7 59	17 7	6 0	S 4
S 5	6 6	0s 5	4 56	5 44	1 18	16 0	0 47	26 0	3 19	23 34	0 6	20 24	0 42	22 41	0 24	22 25	0 58	0 12	16 11	23 28	23 28	7 56	17 7	6 0	S 5
M 6	5 43	4 51	4 39	4 51	1 11	15 39	0 49	25 57	3 18	23 34	0 6	20 24	0 42	22 41	0 24	22 25	0 58	0 12	16 12	23 28	23 28	7 53	17 8	5 59	M 6
T 7	5 20	9 29	4 9	3 57	1 3	15 18	0 51	25 54	3 16	23 34	0 6	20 25	0 42	22 41	0 24	22 25	0 58	0 13	16 12	23 28	23 28	7 51	17 8	5 59	T 7
W 8	4 56	13 48	3 28	3 2	0 54	14 56	0 53	25 51	3 14	23 34	0 6	20 26	0 42	22 40	0 24	22 25	0 58	0 13	16 12	23 28	23 28	7 48	17 9	5 59	W 8
T 9	4 33	17 38	2 36	2 7	0 45	14 33	0 55	25 48	3 12	23 34	0 6	20 26	0 42	22 40	0 25	22 25	0 58	0 14	16 13	23 28	23 28	7 46	17 9	5 58	T 9
F 10	4 9	20 45	1 36	1 11	0 35	14 11	0 58	25 45	3 11	23 34	0 6	20 27	0 42	22 40	0 25	22 25	0 58	0 15	16 13	23 28	23 28	7 43	17 10	5 58	F 10
S 11	3 46	22 54	0 30	0 15	0 25	13 48	1 0	25 42	3 9	23 34	0 6	20 27	0 42	22 40	0 25	22 25	0 58	0 15	16 14	23 28	23 28	7 41	17 10	5 57	S 11
S 12	3 22	23 52	0s41	0n41	0 14	13 24	1 2	25 39	3 7	23 34	0 6	20 28	0 42	22 39	0 25	22 25	0 58	0 16	16 14	23 28	23 28	7 38	17 11	5 57	S 12
M13	2 59	23 25	1 51	1 37	0 2	13 0	1 3	25 36	3 6	23 34	0 6	20 29	0 42	22 39	0 25	22 25	0 58	0 17	16 14	23 28	23 28	7 36	17 11	5 57	M13
T 14	2 35	21 28	2 56	2 33	0n 9	12 36	1 5	25 33	3 4	23 35	0 7	20 29	0 42	22 39	0 25	22 25	0 58	0 17	16 15	23 28	23 28	7 33	17 12	5 56	T 14
W15	2 11	18 4	3 52	3 28	0 21	12 11	1 7	25 30	3 2	23 35	0 7	20 30	0 42	22 39	0 25	22 25	0 58	0 18	16 15	23 28	23 28	7 30	17 12	5 56	W15
T 16	1 48	13 24	4 34	4 23	0 33	11 47	1 9	25 26	3 1	23 35	0 7	20 30	0 43	22 38	0 25	22 25	0 58	0 19	16 15	23 28	23 28	7 28	17 13	5 55	T 16
F 17	1 24	7 50	4 57	5 16	0 46	11 21	1 10	25 23	2 59	23 35	0 7	20 30	0 43	22 38	0 25	22 25	0 58	0 19	16 16	23 28	23 28	7 25	17 13	5 55	F 17
S 18	1 0	1 45	4 58	6 8	0 58	10 56	1 12	25 19	2 57	23 35	0 7	20 31	0 43	22 38	0 25	22 25	0 58	0 20	16 16	23 28	23 28	7 23	17 14	5 55	S 18
S 19	0 37	4n22	4 38	6 58	1 11	10 30	1 14	25 16	2 56	23 35	0 7	20 31	0 43	22 38	0 25	22 26	0 58	0 21	16 17	23 28	23 28	7 20	17 14	5 54	S 19
M20	0 13	10 8	4 0	7 46	1 23	10 4	1 15	25 12	2 54	23 35	0 7	20 32	0 43	22 38	0 25	22 26	0 58	0 21	16 17	23 28	23 28	7 18	17 15	5 54	M20
T 21	0n11	15 11	3 7	8 32	1 36	9 38	1 16	25 8	2 52	23 35	0 7	20 32	0 43	22 37	0 25	22 26	0 58	0 22	16 17	23 28	23 28	7 15	17 15	5 53	T 21
W22	0 34	19 13	2 4	9 16	1 48	9 11	1 18	25 4	2 51	23 35	0 7	20 32	0 43	22 37	0 25	22 26	0 58	0 22	16 18	23 28	23 28	7 12	17 16	5 53	W22
T 23	0 58	22 5	0 57	9 57	1 59	8 44	1 19	25 0	2 49	23 35	0 7	20 33	0 43	22 37	0 25	22 26	0 57	0 23	16 18	23 28	23 28	7 10	17 16	5 53	T 23
F 24	1 22	23 39	0n12	10 35	2 10	8 17	1 20	24 56	2 48	23 35	0 8	20 33	0 43	22 37	0 25	22 26	0 57	0 24	16 18	23 28	23 28	7 7	17 17	5 52	F 24
S 25	1 45	23 57	1 18	11 10	2 21	7 50	1 21	24 52	2 46	23 35	0 8	20 33	0 43	22 37	0 25	22 26	0 57	0 24	16 18	23 28	23 28	7 5	17 17	5 52	S 25
S 26	2 9	23 3	2 18	11 43	2 31	7 22	1 23	24 48	2 45	23 35	0 8	20 33	0 43	22 36	0 25	22 26	0 57	0 25	16 19	23 28	23 28	7 2	17 18	5 51	S 26
M27	2 32	21 4	3 12	12 11	2 40	6 54	1 24	24 44	2 43	23 35	0 8	20 33	0 43	22 36	0 25	22 26	0 57	0 26	16 19	23 28	23 28	7 0	17 19	5 51	M27
T 28	2 56	18 11	3 56	12 37	2 48	6 26	1 25	24 40	2 42	23 35	0 8	20 34	0 43	22 36	0 25	22 26	0 57	0 26	16 19	23 28	23 28	6 57	17 19	5 51	T 28
W29	3 19	14 35	4 29	12 59	2 55	5 58	1 25	24 35	2 40	23 35	0 8	20 34	0 43	22 36	0 25	22 26	0 57	0 27	16 20	23 28	23 28	6 54	17 20	5 50	W29
T 30	3 43	10 25	4 51	13 17	3 2	5 30	1 26	24 31	2 39	23 35	0 8	20 34	0 43	22 36	0 25	22 26	0 57	0 28	16 20	23 28	23 28	6 52	17 20	5 50	T 30
F 31	4n 6	5n52	5n 0	13n32	3n 7	5s 2	1s27	24n26	2n37	23n35	0n 8	20n34	0n43	22s36	0s25	22n26	0s57	0n28	16n20	23n28	23n28	6n49	17n21	5s50	F 31

Julian Day Number = 2357006.5, Delta T = 13.55 sec
Ecliptic obliquity = 23°28'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'36, Lahiri = 20°14'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

APRIL 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 34	11♈18'53	8♎41	27♈56	21♓56	21♋13	2♋52	1°R26	18♑37	4♋52	10°R47	28°R49	29♊35	24♍48	20♊54	S 1
S 2	12 41 30	12°17'54	20°38	28°10	23° 9	21°34	2°59	1°D26	18°38	4°53	10♏45	28♊36	29°32	24°54	20°57	S 2
M 3	12 45 27	13°16'54	2♏39	28°R16	24°23	21°55	3° 5	1♌26	18°39	4°54	10°44	28°24	29°29	25° 1	21° 0	M 3
T 4	12 49 23	14°15'51	14°46	28°16	25°37	22°17	3°12	1°26	18°40	4°54	10°42	28°14	29°25	25° 8	21° 3	T 4
W 5	12 53 20	15°14'47	27° 1	28° 9	26°51	22°39	3°19	1°26	18°41	4°55	10°41	28° 7	29°22	25°14	21° 6	W 5
T 6	12 57 16	16°13'40	9♐26	27°56	28° 5	23° 1	3°26	1°26	18°42	4°56	10°39	28° 4	29°19	25°21	21° 9	T 6
F 7	13 1 13	17°12'32	22° 4	27°37	29°19	23°23	3°33	1°27	18°42	4°56	10°38	28° 2	29°16	25°28	21°13	F 7
S 8	13 5 10	18°11'23	4♑58	27°12	0♈33	23°46	3°40	1°27	18°43	4°57	10°36	28°D 2	29°13	25°35	21°16	S 8
S 9	13 9 6	19°10'11	18°12	26°43	1°47	24° 9	3°47	1°28	18°44	4°58	10°35	28°R 3	29° 9	25°41	21°20	S 9
M10	13 13 3	20° 8'58	1♒48	26°10	3° 1	24°32	3°55	1°29	18°45	4°59	10°33	28° 2	29° 6	25°48	21°23	M10
T 11	13 16 59	21° 7'43	15°50	25°33	4°15	24°56	4° 3	1°30	18°45	5° 0	10°32	28° 0	29° 3	25°55	21°27	T 11
W12	13 20 56	22° 6'27	0♓17	24°53	5°29	25°20	4°11	1°31	18°46	5° 0	10°30	27°55	29° 0	26° 1	21°30	W12
T 13	13 24 52	23° 5'08	15° 5	24°12	6°42	25°44	4°18	1°32	18°46	5° 1	10°28	27°48	28°57	26° 8	21°34	T 13
F 14	13 28 49	24° 3'48	0♈ 9	23°29	7°56	26° 8	4°27	1°33	18°47	5° 2	10°27	27°39	28°54	26°15	21°38	F 14
S 15	13 32 45	25° 2'26	15°20	22°46	9°10	26°33	4°35	1°34	18°47	5° 3	10°25	27°30	28°50	26°22	21°41	S 15
S 16	13 36 42	26° 1'02	0♉26	22° 3	10°24	26°58	4°43	1°36	18°48	5° 4	10°24	27°21	28°47	26°28	21°45	S 16
M17	13 40 39	26°59'37	15°19	21°21	11°38	27°23	4°52	1°37	18°48	5° 5	10°22	27°13	28°44	26°35	21°49	M17
T 18	13 44 35	27°58'09	29°50	20°42	12°52	27°48	5° 0	1°39	18°48	5° 6	10°20	27° 8	28°41	26°42	21°53	T 18
W19	13 48 32	28°56'39	13♊53	20° 5	14° 6	28°14	5° 9	1°41	18°49	5° 7	10°19	27° 5	28°38	26°49	21°57	W19
T 20	13 52 28	29°55'07	27°29	19°31	15°20	28°40	5°18	1°43	18°49	5° 9	10°17	27°D 4	28°35	26°55	22° 1	T 20
F 21	13 56 25	0♉53'33	10♋36	19° 0	16°33	29° 6	5°27	1°45	18°49	5°10	10°15	27° 5	28°31	27° 2	22° 5	F 21
S 22	14 0 21	1°51'57	23°20	18°34	17°47	29°32	5°36	1°47	18°49	5°11	10°14	27° 6	28°28	27° 9	22°10	S 22
S 23	14 4 18	2°50'19	5♌44	18°12	19° 1	29°58	5°45	1°49	18°R49	5°12	10°12	27°R 6	28°25	27°15	22°14	S 23
M24	14 8 14	3°48'39	17°52	17°54	20°15	0♌25	5°54	1°51	18°49	5°13	10°10	27° 5	28°22	27°22	22°18	M24
T 25	14 12 11	4°46'56	29°51	17°41	21°29	0°52	6° 4	1°53	18°49	5°15	10° 9	27° 1	28°19	27°29	22°23	T 25
W26	14 16 8	5°45'12	11♍44	17°33	22°42	1°19	6°13	1°56	18°49	5°16	10° 7	26°56	28°15	27°36	22°27	W26
T 27	14 20 4	6°43'25	23°36	17°D30	23°56	1°46	6°23	1°58	18°48	5°17	10° 5	26°49	28°12	27°42	22°31	T 27
F 28	14 24 1	7°41'37	5♎29	17°32	25°10	2°14	6°32	2° 1	18°48	5°19	10° 4	26°40	28° 9	27°49	22°36	F 28
S 29	14 27 57	8°39'46	17°26	17°38	26°24	2°41	6°42	2° 4	18°48	5°20	10° 2	26°31	28° 6	27°56	22°41	S 29
S 30	14 31 54	9♉37'54	29♎29	17♈50	27♈38	3♌ 9	6♋52	2♌ 7	18♑48	5♋21	10♏ 0	26♊22	28♊ 3	28♍ 3	22♊45	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n29	1n 5	4n55	13n43	3n10	4s33	1s28	24n22	2n36	23n35	0n 8	20n34	0n43	22s36	0s25	22n26	0s57	0n29	16n20	23n28	23n28	6n47	17n21	5s49
S 2	4 52	3s46	4 38	13 50	3 13	4 4	1 28	24 17	2 34	23 35	0 8	20 34	0 43	22 35	0 25	22 26	0 57	0 30	16 21	23 28	23 28	6 44	17 22	5 49
M 3	5 15	8 31	4 9	13 54	3 14	3 35	1 29	24 12	2 33	23 35	0 8	20 34	0 43	22 35	0 25	22 26	0 57	0 30	16 21	23 28	23 28	6 41	17 22	5 48
T 4	5 38	12 59	3 28	13 53	3 14	3 7	1 29	24 7	2 31	23 35	0 9	20 34	0 43	22 35	0 25	22 26	0 57	0 31	16 21	23 28	23 28	6 39	17 23	5 48
W 5	6 1	16 59	2 36	13 49	3 12	2 38	1 30	24 2	2 30	23 35	0 9	20 34	0 43	22 35	0 25	22 26	0 57	0 31	16 21	23 28	23 28	6 36	17 23	5 48
T 6	6 23	20 18	1 37	13 41	3 9	2 8	1 30	23 57	2 29	23 34	0 9	20 34	0 43	22 35	0 25	22 26	0 57	0 32	16 22	23 28	23 28	6 33	17 24	5 47
F 7	6 46	22 42	0 32	13 30	3 4	1 39	1 30	23 52	2 27	23 34	0 9	20 34	0 43	22 35	0 25	22 26	0 57	0 33	16 22	23 28	23 28	6 31	17 25	5 47
S 8	7 9	24 0	0s37	13 15	2 57	1 10	1 31	23 46	2 26	23 34	0 9	20 34	0 43	22 35	0 25	22 26	0 57	0 33	16 22	23 28	23 28	6 28	17 25	5 47
S 9	7 31	23 58	1 45	12 57	2 49	0 41	1 31	23 41	2 24	23 34	0 9	20 34	0 43	22 35	0 25	22 26	0 57	0 34	16 22	23 28	23 28	6 26	17 26	5 46
M10	7 53	22 32	2 49	12 36	2 40	0 11	1 31	23 35	2 23	23 34	0 9	20 34	0 43	22 35	0 25	22 26	0 57	0 35	16 22	23 28	23 28	6 23	17 26	5 46
T 11	8 15	19 42	3 45	12 12	2 29	0n18	1 31	23 30	2 22	23 34	0 9	20 33	0 43	22 35	0 25	22 26	0 57	0 35	16 22	23 27	23 28	6 20	17 27	5 46
W12	8 37	15 35	4 29	11 46	2 17	0 47	1 31	23 24	2 20	23 34	0 9	20 33	0 43	22 35	0 25	22 26	0 57	0 36	16 23	23 27	23 28	6 18	17 27	5 45
T 13	8 59	10 26	4 56	11 19	2 4	1 17	1 31	23 18	2 19	23 33	0 9	20 33	0 43	22 35	0 25	22 26	0 57	0 36	16 23	23 27	23 28	6 15	17 28	5 45
F 14	9 21	4 34	5 3	10 50	1 49	1 46	1 30	23 12	2 18	23 33	0 9	20 33	0 43	22 35	0 26	22 26	0 57	0 37	16 23	23 27	23 28	6 12	17 28	5 45
S 15	9 42	1n36	4 49	10 19	1 34	2 15	1 30	23 6	2 16	23 33	0 9	20 32	0 43	22 35	0 26	22 26	0 57	0 38	16 23	23 27	23 28	6 10	17 29	5 44
S 16	10 4	7 40	4 15	9 49	1 18	2 45	1 30	23 0	2 15	23 33	0 10	20 32	0 43	22 35	0 26	22 26	0 56	0 38	16 23	23 27	23 28	6 7	17 29	5 44
M17	10 25	13 12	3 23	9 18	1 2	3 14	1 29	22 54	2 14	23 33	0 10	20 32	0 43	22 34	0 26	22 26	0 56	0 39	16 23	23 27	23 28	6 5	17 30	5 44
T 18	10 46	17 52	2 20	8 47	0 45	3 43	1 29	22 48	2 13	23 32	0 10	20 31	0 43	22 34	0 26	22 26	0 56	0 39	16 23	23 27	23 28	6 2	17 30	5 44
W19	11 7	21 21	1 10	8 18	0 28	4 12	1 28	22 41	2 11	23 32	0 10	20 31	0 43	22 34	0 26	22 26	0 56	0 40	16 23	23 26	23 28	5 59	17 31	5 43
T 20	11 28	23 29	0n 2	7 49	0 11	4 42	1 28	22 35	2 10	23 32	0 10	20 31	0 43	22 34	0 26	22 26	0 56	0 40	16 23	23 26	23 28	5 57	17 32	5 43
F 21	11 48	24 15	1 12	7 22	0s 5	5 10	1 27	22 28	2 9	23 32	0 10	20 30	0 43	22 35	0 26	22 26	0 56	0 41	16 23	23 26	23 28	5 54	17 32	5 43
S 22	12 8	23 41	2 16	6 57	0 22	5 39	1 27	22 22	2 8	23 31	0 10	20 30	0 43	22 35	0 26	22 26	0 56	0 41	16 23	23 26	23 28	5 51	17 33	5 42
S 23	12 28	21 58	3 12	6 34	0 38	6 8	1 26	22 15	2 7	23 31	0 10	20 29	0 43	22 35	0 26	22 26	0 56	0 42	16 24	23 26	23 28	5 49	17 33	5 42
M24	12 48	19 16	3 58	6 13	0 53	6 37	1 25	22 8	2 5	23 31	0 10	20 29	0 43	22 35	0 26	22 26	0 56	0 42	16 24	23 26	23 28	5 46	17 34	5 42
T 25	13 8	15 48	4 33	5 54	1 8	7 5	1 24	22 1	2 4	23 30	0 10	20 28	0 43	22 35	0 26	22 26	0 56	0 43	16 24	23 26	23 28	5 43	17 34	5 42
W26	13 28	11 43	4 56	5 38	1 22	7 34	1 23	21 54	2 3	23 30	0 10	20 28	0 43	22 35	0 26	22 26	0 56	0 43	16 24	23 26	23 28	5 41	17 35	5 41
T 27	13 47	7 13	5 6	5 24	1 36	8 2	1 22	21 46	2 2	23 30	0 10	20 27	0 43	22 35	0 26	22 26	0 56	0 44	16 24	23 26	23 28	5 38	17 35	5 41
F 28	14 6	2 27	5 3	5 13	1 48	8 30	1 21	21 39	2 1	23 29	0 11	20 27	0 43	22 35	0 26	22 26	0 56	0 44	16 24	23 26	23 28	5 35	17 36	5 41
S 29	14 25	2s26	4 46	5 5	2 0	8 58	1 20	21 31	1 59	23 29	0 11	20 26	0 43	22 35	0 26	22 26	0 56	0 45	16 24	23 26	23 28	5 33	17 36	5 41
S 30	14n43	7s17	4n17	4n59	2s11	9n25	1s19	21n24	1n58	23n28	0n11	20n25	0n43	22s35	0s26	22n26	0s56	0n45	16n24	23n25	23n28	5n30	17n36	5s40

Julian Day Number = 2357037.5, Delta T = 13.57 sec
Ecliptic obliquity = 23°28'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'41, Lahiri = 20°14'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

MAY 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 50	10♉36'00	11♏40	18♈ 5	28♈51	3♌37	7♋ 2	2♌10	18°R47	5♋23	9°R59	26°R15	28♊ 0	28♍ 9	22♊50	M 1
T 2	14 39 47	11°34'04	23°59	18°26	0♉ 5	4° 5	7°12	2°13	18♑47	5°24	9♏57	26♊ 9	27°56	28°16	22°55	T 2
W 3	14 43 43	12°32'07	6♐28	18°51	1°19	4°34	7°22	2°16	18°46	5°26	9°55	26° 5	27°53	28°23	22°59	W 3
T 4	14 47 40	13°30'08	19° 7	19°20	2°33	5° 2	7°33	2°19	18°46	5°27	9°54	26° 3	27°50	28°29	23° 4	T 4
F 5	14 51 37	14°28'08	1♑59	19°53	3°46	5°31	7°43	2°22	18°45	5°29	9°52	26°D 3	27°47	28°36	23° 9	F 5
S 6	14 55 33	15°26'07	15° 5	20°30	5° 0	6° 0	7°54	2°26	18°45	5°30	9°50	26° 4	27°44	28°43	23°14	S 6
S 7	14 59 30	16°24'04	28°26	21°11	6°14	6°29	8° 4	2°29	18°44	5°32	9°49	26° 5	27°41	28°50	23°19	S 7
M 8	15 3 26	17°22'00	12♒ 4	21°56	7°28	6°58	8°15	2°33	18°43	5°34	9°47	26°R 6	27°37	28°56	23°24	M 8
T 9	15 7 23	18°19'54	26° 0	22°44	8°41	7°27	8°25	2°37	18°43	5°35	9°45	26° 6	27°34	29° 3	23°29	T 9
W10	15 11 19	19°17'48	10♓15	23°35	9°55	7°57	8°36	2°41	18°42	5°37	9°44	26° 4	27°31	29°10	23°34	W10
T 11	15 15 16	20°15'40	24°45	24°30	11° 9	8°26	8°47	2°44	18°41	5°38	9°42	26° 1	27°28	29°16	23°39	T 11
F 12	15 19 12	21°13'30	9♈27	25°28	12°22	8°56	8°58	2°48	18°40	5°40	9°40	25°57	27°25	29°23	23°44	F 12
S 13	15 23 9	22°11'20	24°14	26°30	13°36	9°26	9° 9	2°52	18°39	5°42	9°39	25°52	27°21	29°30	23°49	S 13
S 14	15 27 6	23° 9'08	9♉ 0	27°34	14°50	9°56	9°20	2°57	18°38	5°44	9°37	25°47	27°18	29°37	23°54	S 14
M15	15 31 2	24° 6'55	23°37	28°41	16° 4	10°26	9°32	3° 1	18°37	5°45	9°35	25°43	27°15	29°43	23°59	M15
T 16	15 34 59	25° 4'41	7♊56	29°51	17°17	10°57	9°43	3° 5	18°36	5°47	9°34	25°41	27°12	29°50	24° 5	T 16
W17	15 38 55	26° 2'25	21°55	1♉ 3	18°31	11°27	9°54	3°10	18°35	5°49	9°32	25°D40	27° 9	29°57	24°10	W17
T 18	15 42 52	27° 0'08	5♋29	2°19	19°45	11°58	10° 6	3°14	18°34	5°51	9°30	25°40	27° 6	0♎ 4	24°15	T 18
F 19	15 46 48	27°57'50	18°39	3°37	20°59	12°29	10°17	3°19	18°32	5°53	9°29	25°41	27° 2	0°10	24°21	F 19
S 20	15 50 45	28°55'30	1♌26	4°57	22°12	12°59	10°29	3°23	18°31	5°54	9°27	25°43	26°59	0°17	24°26	S 20
S 21	15 54 41	29°53'08	13°54	6°20	23°26	13°31	10°41	3°28	18°30	5°56	9°26	25°44	26°56	0°24	24°32	S 21
M22	15 58 38	0♊50'45	26° 6	7°46	24°40	14° 2	10°52	3°33	18°29	5°58	9°24	25°R45	26°53	0°30	24°37	M22
T 23	16 2 35	1°48'20	8♍ 7	9°14	25°53	14°33	11° 4	3°38	18°27	6° 0	9°23	25°45	26°50	0°37	24°42	T 23
W24	16 6 31	2°45'54	20° 1	10°44	27° 7	15° 4	11°16	3°43	18°26	6° 2	9°21	25°44	26°46	0°44	24°48	W24
T 25	16 10 28	3°43'26	1♎54	12°17	28°21	15°36	11°28	3°48	18°24	6° 4	9°20	25°42	26°43	0°51	24°53	T 25
F 26	16 14 24	4°40'57	13°49	13°53	29°34	16° 7	11°40	3°53	18°23	6° 6	9°18	25°39	26°40	0°57	24°59	F 26
S 27	16 18 21	5°38'27	25°50	15°31	0♊48	16°39	11°52	3°58	18°21	6° 8	9°17	25°36	26°37	1° 4	25° 5	S 27
S 28	16 22 17	6°35'56	7♏59	17°11	2° 2	17°11	12° 4	4° 3	18°20	6°10	9°15	25°33	26°34	1°11	25°10	S 28
M29	16 26 14	7°33'23	20°20	18°54	3°15	17°43	12°16	4° 8	18°18	6°12	9°14	25°30	26°31	1°18	25°16	M29
T 30	16 30 10	8°30'49	2♐53	20°39	4°29	18°15	12°28	4°14	18°16	6°14	9°12	25°29	26°27	1°24	25°21	T 30
W31	16 34 7	9♊28'15	15♐39	22♉27	5♊43	18♌47	12♋40	4♌19	18♑15	6♋16	9♏11	25♊28	26♊24	1♎31	25♊27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 1	11s55	3n36	4n56	2s21	9n53	1s17	21n16	1n57	23n28	0n11	20n25	0n43	22s35	0s26	22n26	0s56	0n46	16n23	23n25	23n27	5n27	17n37	5s40
T 2	15 19	16 8	2 44	4 55	2 30	10 20	1 16	21 8	1 56	23 27	0 11	20 24	0 43	22 35	0 26	22 26	0 56	0 46	16 23	23 25	23 27	5 25	17 37	5 40
W 3	15 37	19 43	1 44	4 57	2 39	10 47	1 15	21 0	1 55	23 27	0 11	20 23	0 43	22 35	0 26	22 26	0 56	0 47	16 23	23 25	23 27	5 22	17 38	5 40
T 4	15 55	22 24	0 37	5 1	2 46	11 13	1 13	20 52	1 54	23 26	0 11	20 23	0 43	22 35	0 26	22 26	0 56	0 47	16 23	23 25	23 27	5 19	17 38	5 40
F 5	16 12	24 0	0s32	5 7	2 53	11 40	1 12	20 44	1 53	23 26	0 11	20 22	0 43	22 35	0 26	22 26	0 56	0 48	16 23	23 25	23 27	5 16	17 39	5 39
S 6	16 29	24 18	1 41	5 16	2 58	12 6	1 10	20 36	1 52	23 25	0 11	20 21	0 43	22 36	0 26	22 26	0 56	0 48	16 23	23 25	23 27	5 14	17 39	5 39
S 7	16 46	23 13	2 47	5 26	3 3	12 32	1 9	20 28	1 51	23 25	0 11	20 20	0 43	22 36	0 26	22 26	0 56	0 48	16 23	23 25	23 27	5 11	17 40	5 39
M 8	17 2	20 47	3 44	5 39	3 7	12 58	1 7	20 19	1 49	23 24	0 11	20 19	0 44	22 36	0 26	22 26	0 56	0 49	16 23	23 25	23 27	5 8	17 40	5 39
T 9	17 19	17 5	4 29	5 54	3 11	13 23	1 6	20 11	1 48	23 24	0 11	20 19	0 44	22 36	0 26	22 26	0 56	0 49	16 23	23 25	23 27	5 6	17 40	5 39
W10	17 35	12 21	4 59	6 11	3 13	13 48	1 4	20 2	1 47	23 23	0 11	20 18	0 44	22 36	0 26	22 26	0 56	0 49	16 23	23 25	23 27	5 3	17 41	5 38
T 11	17 50	6 50	5 11	6 29	3 15	14 12	1 2	19 53	1 46	23 22	0 12	20 17	0 44	22 36	0 26	22 26	0 56	0 50	16 23	23 25	23 27	5 0	17 41	5 38
F 12	18 5	0 53	5 2	6 49	3 16	14 37	1 0	19 44	1 45	23 22	0 12	20 16	0 44	22 36	0 26	22 26	0 56	0 50	16 22	23 25	23 27	4 58	17 42	5 38
S 13	18 21	5n10	4 34	7 11	3 16	15 1	0 59	19 35	1 44	23 21	0 12	20 15	0 44	22 36	0 26	22 26	0 56	0 50	16 22	23 25	23 27	4 55	17 42	5 38
S 14	18 35	10 56	3 47	7 34	3 16	15 24	0 57	19 26	1 43	23 20	0 12	20 14	0 44	22 37	0 26	22 25	0 55	0 51	16 22	23 24	23 27	4 52	17 42	5 38
M15	18 50	16 1	2 46	7 59	3 15	15 48	0 55	19 17	1 42	23 20	0 12	20 13	0 44	22 37	0 26	22 25	0 55	0 51	16 22	23 24	23 27	4 49	17 43	5 38
T 16	19 4	20 6	1 35	8 25	3 13	16 10	0 53	19 8	1 41	23 19	0 12	20 12	0 44	22 37	0 26	22 25	0 55	0 51	16 22	23 24	23 27	4 47	17 43	5 38
W17	19 17	22 53	0 21	8 53	3 11	16 33	0 51	18 58	1 40	23 18	0 12	20 11	0 44	22 37	0 26	22 25	0 55	0 52	16 21	23 24	23 27	4 44	17 44	5 37
T 18	19 31	24 15	0n54	9 21	3 8	16 55	0 49	18 49	1 39	23 17	0 12	20 10	0 44	22 37	0 27	22 25	0 55	0 52	16 21	23 24	23 26	4 41	17 44	5 37
F 19	19 44	24 12	2 3	9 51	3 4	17 16	0 47	18 39	1 38	23 17	0 12	20 9	0 44	22 38	0 27	22 25	0 55	0 52	16 21	23 24	23 26	4 39	17 44	5 37
S 20	19 57	22 51	3 4	10 22	3 0	17 37	0 45	18 29	1 37	23 16	0 12	20 8	0 44	22 38	0 27	22 25	0 55	0 52	16 21	23 24	23 26	4 36	17 45	5 37
S 21	20 9	20 25	3 54	10 54	2 55	17 58	0 43	18 19	1 36	23 15	0 12	20 7	0 44	22 38	0 27	22 25	0 55	0 53	16 21	23 24	23 26	4 33	17 45	5 37
M22	20 21	17 7	4 33	11 27	2 49	18 18	0 41	18 9	1 35	23 14	0 12	20 6	0 44	22 38	0 27	22 25	0 55	0 53	16 20	23 24	23 26	4 30	17 45	5 37
T 23	20 33	13 10	4 59	12 0	2 43	18 38	0 38	17 59	1 34	23 13	0 12	20 5	0 44	22 38	0 27	22 25	0 55	0 53	16 20	23 24	23 26	4 28	17 46	5 37
W24	20 45	8 45	5 13	12 35	2 37	18 57	0 36	17 49	1 33	23 12	0 13	20 4	0 44	22 39	0 27	22 25	0 55	0 53	16 20	23 24	23 26	4 25	17 46	5 37
T 25	20 56	4 1	5 12	13 10	2 30	19 16	0 34	17 39	1 32	23 11	0 13	20 2	0 44	22 39	0 27	22 25	0 55	0 54	16 20	23 24	23 26	4 22	17 46	5 37
F 26	21 6	0s52	4 59	13 46	2 22	19 34	0 32	17 29	1 31	23 10	0 13	20 1	0 44	22 39	0 27	22 25	0 55	0 54	16 19	23 24	23 26	4 20	17 46	5 36
S 27	21 17	5 46	4 32	14 22	2 14	19 52	0 30	17 18	1 30	23 9	0 13	20 0	0 44	22 39	0 27	22 25	0 55	0 54	16 19	23 24	23 26	4 17	17 47	5 36
S 28	21 27	10 31	3 52	14 59	2 6	20 9	0 27	17 7	1 29	23 8	0 13	19 59	0 44	22 40	0 27	22 25	0 55	0 54	16 19	23 24	23 26	4 14	17 47	5 36
M29	21 36	14 56	3 2	15 35	1 57	20 26	0 25	16 57	1 28	23 7	0 13	19 58	0 44	22 40	0 27	22 25	0 55	0 54	16 18	23 24	23 26	4 11	17 47	5 36
T 30	21 45	18 47	2 1	16 12	1 48	20 42	0 23	16 46	1 27	23 6	0 13	19 56	0 44	22 40	0 27	22 25	0 55	0 54	16 18	23 24	23 26	4 9	17 47	5 36
W31	21n54	21s48	0n54	16n49	1s38	20n57	0s20	16n35	1n26	23n 5	0n13	19n55	0n44	22s40	0s27	22n24	0s55	0n54	16n18	23n24	23n25	4n 6	17n48	5s36

Julian Day Number = 2357067.5, Delta T = 13.59 sec
Ecliptic obliquity = 23°28'23, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'45, Lahiri = 20°14'45Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

JUNE 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 4	10♊25'39	28♐39	24♉17	6♊56	19♌20	12♋53	4♌25	18°R13	6♋18	9°R10	25°D27	26♊21	1♎38	25♊33	T 1
F 2	16 42 0	11°23'03	11♑52	26° 9	8°10	19°52	13° 5	4°30	18♑11	6°20	9♏ 8	25♊28	26°18	1°44	25°38	F 2
S 3	16 45 57	12°20'26	25°19	28° 3	9°24	20°24	13°18	4°36	18°10	6°22	9° 7	25°29	26°15	1°51	25°44	S 3
S 4	16 49 53	13°17'48	8♒58	0♊ 0	10°37	20°57	13°30	4°42	18° 8	6°24	9° 6	25°30	26°12	1°58	25°50	S 4
M 5	16 53 50	14°15'10	22°49	1°59	11°51	21°30	13°42	4°48	18° 6	6°26	9° 4	25°31	26° 8	2° 5	25°55	M 5
T 6	16 57 46	15°12'31	6♓51	4° 0	13° 5	22° 2	13°55	4°53	18° 4	6°28	9° 3	25°31	26° 5	2°11	26° 1	T 6
W 7	17 1 43	16° 9'52	21° 1	6° 3	14°18	22°35	14° 8	4°59	18° 2	6°30	9° 2	25°R31	26° 2	2°18	26° 7	W 7
T 8	17 5 39	17° 7'12	5♈19	8° 8	15°32	23° 8	14°20	5° 5	18° 0	6°32	9° 1	25°31	25°59	2°25	26°13	T 8
F 9	17 9 36	18° 4'31	19°40	10°15	16°46	23°41	14°33	5°11	17°58	6°35	8°59	25°30	25°56	2°31	26°19	F 9
S 10	17 13 33	19° 1'51	4♉ 3	12°23	18° 0	24°15	14°46	5°17	17°56	6°37	8°58	25°30	25°52	2°38	26°24	S 10
S 11	17 17 29	19°59'10	18°21	14°32	19°13	24°48	14°58	5°24	17°54	6°39	8°57	25°29	25°49	2°45	26°30	S 11
M12	17 21 26	20°56'28	2♊31	16°43	20°27	25°21	15°11	5°30	17°52	6°41	8°56	25°28	25°46	2°52	26°36	M12
T 13	17 25 22	21°53'46	16°28	18°54	21°41	25°55	15°24	5°36	17°50	6°43	8°55	25°28	25°43	2°58	26°42	T 13
W14	17 29 19	22°51'04	0♋10	21° 5	22°54	26°28	15°37	5°42	17°48	6°45	8°54	25°D28	25°40	3° 5	26°48	W14
T 15	17 33 15	23°48'21	13°33	23°17	24° 8	27° 2	15°50	5°49	17°46	6°48	8°53	25°28	25°37	3°12	26°53	T 15
F 16	17 37 12	24°45'38	26°37	25°29	25°22	27°36	16° 3	5°55	17°44	6°50	8°51	25°28	25°33	3°19	26°59	F 16
S 17	17 41 8	25°42'53	9♌22	27°40	26°36	28°10	16°16	6° 2	17°42	6°52	8°50	25°R28	25°30	3°25	27° 5	S 17
S 18	17 45 5	26°40'08	21°49	29°51	27°49	28°44	16°29	6° 8	17°39	6°54	8°49	25°28	25°27	3°32	27°11	S 18
M19	17 49 2	27°37'23	4♍ 3	2♋ 1	29° 3	29°18	16°42	6°15	17°37	6°56	8°48	25°28	25°24	3°39	27°17	M19
T 20	17 52 58	28°34'37	16° 5	4°10	0♋17	29°52	16°55	6°21	17°35	6°59	8°48	25°28	25°21	3°45	27°23	T 20
W21	17 56 55	29°31'50	28° 1	6°17	1°30	0♍26	17° 8	6°28	17°33	7° 1	8°47	25°D28	25°18	3°52	27°29	W21
T 22	18 0 51	0♋29'03	9♎54	8°24	2°44	1° 0	17°21	6°35	17°30	7° 3	8°46	25°28	25°14	3°59	27°34	T 22
F 23	18 4 48	1°26'15	21°50	10°28	3°58	1°35	17°34	6°42	17°28	7° 5	8°45	25°28	25°11	4° 6	27°40	F 23
S 24	18 8 44	2°23'26	3♏52	12°31	5°12	2° 9	17°47	6°48	17°26	7° 7	8°44	25°29	25° 8	4°12	27°46	S 24
S 25	18 12 41	3°20'38	16° 6	14°32	6°25	2°44	18° 1	6°55	17°23	7°10	8°43	25°30	25° 5	4°19	27°52	S 25
M26	18 16 37	4°17'48	28°33	16°32	7°39	3°18	18°14	7° 2	17°21	7°12	8°43	25°30	25° 2	4°26	27°58	M26
T 27	18 20 34	5°14'59	11♐18	18°29	8°53	3°53	18°27	7° 9	17°19	7°14	8°42	25°31	24°58	4°32	28° 4	T 27
W28	18 24 31	6°12'10	24°20	20°24	10° 7	4°28	18°40	7°16	17°16	7°16	8°41	25°R31	24°55	4°39	28° 9	W28
T 29	18 28 27	7° 9'20	7♑41	22°18	11°20	5° 3	18°54	7°23	17°14	7°19	8°40	25°31	24°52	4°46	28°15	T 29
F 30	18 32 24	8♋ 6'30	21♑19	24♋ 9	12♋34	5♍37	19♋ 7	7♌30	17♑12	7♋21	8♏40	25♊30	24♊49	4♎53	28♊21	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	23 s46	0 s18	17n26	1 s28	21n12	0 s18	16n24	1n26	23n 4	0n13	19n54	0n44	22 s41	0 s27	22n24	0 s55	0n54	16n17	23n24	23n25	4n 3	17n48	5 s36
F 2	22 11	24 26	1 29	18 3	1 18	21 26	0 16	16 13	1 25	23 3	0 13	19 52	0 44	22 41	0 27	22 24	0 55	0 55	16 17	23 24	23 25	4 0	17 48	5 36
S 3	22 18	23 41	2 38	18 40	1 7	21 40	0 13	16 2	1 24	23 2	0 13	19 51	0 44	22 41	0 27	22 24	0 55	0 55	16 17	23 24	23 25	3 58	17 48	5 36
S 4	22 26	21 32	3 38	19 15	0 57	21 53	0 11	15 50	1 23	23 1	0 13	19 50	0 44	22 41	0 27	22 24	0 55	0 55	16 16	23 24	23 25	3 55	17 49	5 36
M 5	22 33	18 7	4 26	19 50	0 46	22 6	0 9	15 39	1 22	22 59	0 13	19 48	0 44	22 42	0 27	22 24	0 55	0 55	16 16	23 24	23 25	3 52	17 49	5 36
T 6	22 39	13 39	5 0	20 24	0 35	22 18	0 6	15 28	1 21	22 58	0 14	19 47	0 44	22 42	0 27	22 24	0 55	0 55	16 16	23 24	23 25	3 49	17 49	5 36
W 7	22 45	8 24	5 15	20 57	0 24	22 29	0 4	15 16	1 20	22 57	0 14	19 46	0 44	22 42	0 27	22 24	0 55	0 55	16 15	23 24	23 25	3 47	17 49	5 36
T 8	22 51	2 39	5 12	21 29	0 13	22 40	0 2	15 4	1 19	22 56	0 14	19 44	0 44	22 42	0 27	22 24	0 55	0 55	16 15	23 24	23 25	3 44	17 49	5 36
F 9	22 56	3n15	4 49	21 59	0 2	22 50	0n 1	14 52	1 18	22 54	0 14	19 43	0 44	22 43	0 27	22 24	0 55	0 55	16 14	23 24	23 25	3 41	17 49	5 36
S 10	23 1	9 0	4 8	22 27	0n 9	22 59	0 3	14 41	1 17	22 53	0 14	19 41	0 44	22 43	0 27	22 24	0 55	0 55	16 14	23 24	23 25	3 38	17 50	5 36
S 11	23 6	14 15	3 11	22 54	0 19	23 8	0 6	14 29	1 17	22 52	0 14	19 40	0 44	22 43	0 27	22 24	0 55	0 55	16 14	23 24	23 24	3 35	17 50	5 36
M12	23 10	18 40	2 4	23 18	0 30	23 16	0 8	14 16	1 16	22 50	0 14	19 38	0 44	22 44	0 27	22 24	0 55	0 55	16 13	23 24	23 24	3 33	17 50	5 36
T 13	23 13	21 58	0 50	23 40	0 40	23 23	0 10	14 4	1 15	22 49	0 14	19 37	0 44	22 44	0 27	22 23	0 55	0 55	16 13	23 24	23 24	3 30	17 50	5 36
W14	23 17	23 54	0n26	23 59	0 49	23 30	0 13	13 52	1 14	22 48	0 14	19 35	0 44	22 44	0 27	22 23	0 55	0 54	16 12	23 24	23 24	3 27	17 50	5 36
T 15	23 20	24 25	1 39	24 16	0 58	23 36	0 15	13 40	1 13	22 46	0 14	19 34	0 44	22 44	0 27	22 23	0 55	0 54	16 12	23 24	23 24	3 24	17 50	5 36
F 16	23 22	23 33	2 44	24 30	1 6	23 41	0 17	13 27	1 12	22 45	0 14	19 32	0 44	22 45	0 27	22 23	0 55	0 54	16 11	23 24	23 24	3 22	17 50	5 36
S 17	23 24	21 28	3 40	24 41	1 14	23 45	0 20	13 15	1 11	22 43	0 14	19 31	0 44	22 45	0 27	22 23	0 55	0 54	16 11	23 24	23 24	3 19	17 50	5 36
S 18	23 26	18 25	4 24	24 50	1 22	23 49	0 22	13 2	1 11	22 42	0 14	19 29	0 45	22 45	0 27	22 23	0 55	0 54	16 11	23 24	23 24	3 16	17 50	5 36
M19	23 27	14 37	4 55	24 56	1 28	23 52	0 24	12 49	1 10	22 40	0 15	19 27	0 45	22 46	0 27	22 23	0 55	0 54	16 10	23 24	23 24	3 13	17 50	5 36
T 20	23 28	10 18	5 13	24 58	1 34	23 55	0 27	12 37	1 9	22 39	0 15	19 26	0 45	22 46	0 27	22 23	0 55	0 54	16 10	23 24	23 23	3 10	17 50	5 37
W21	23 28	5 38	5 16	24 58	1 39	23 57	0 29	12 24	1 8	22 37	0 15	19 24	0 45	22 46	0 27	22 23	0 55	0 53	16 9	23 24	23 23	3 8	17 50	5 37
T 22	23 28	0 47	5 7	24 56	1 44	23 58	0 31	12 11	1 7	22 35	0 15	19 22	0 45	22 47	0 27	22 23	0 55	0 53	16 9	23 24	23 23	3 5	17 50	5 37
F 23	23 28	4 s 7	4 44	24 50	1 47	23 58	0 33	11 58	1 6	22 34	0 15	19 21	0 45	22 47	0 27	22 22	0 55	0 53	16 8	23 24	23 23	3 2	17 50	5 37
S 24	23 27	8 56	4 8	24 43	1 50	23 58	0 35	11 45	1 5	22 32	0 15	19 19	0 45	22 47	0 27	22 22	0 55	0 53	16 8	23 24	23 23	2 59	17 50	5 37
S 25	23 26	13 28	3 21	24 32	1 52	23 57	0 38	11 31	1 5	22 30	0 15	19 17	0 45	22 47	0 27	22 22	0 55	0 53	16 7	23 24	23 23	2 57	17 50	5 37
M26	23 24	17 32	2 24	24 20	1 54	23 55	0 40	11 18	1 4	22 29	0 15	19 16	0 45	22 48	0 27	22 22	0 55	0 52	16 7	23 24	23 23	2 54	17 50	5 37
T 27	23 22	20 53	1 18	24 5	1 54	23 52	0 42	11 5	1 3	22 27	0 15	19 14	0 45	22 48	0 27	22 22	0 55	0 52	16 6	23 24	23 23	2 51	17 50	5 37
W28	23 20	23 15	0 7	23 48	1 54	23 49	0 44	10 51	1 2	22 25	0 15	19 12	0 45	22 48	0 27	22 22	0 55	0 52	16 6	23 24	23 23	2 48	17 50	5 37
T 29	23 17	24 22	1 s 7	23 30	1 54	23 45	0 46	10 38	1 1	22 24	0 15	19 11	0 45	22 49	0 27	22 22	0 55	0 52	16 5	23 24	23 22	2 45	17 50	5 38
F 30	23n13	24 s 3	2 s18	23n 9	1n52	23n41	0n48	10n24	1n 1	22n22	0n15	19n 9	0n45	22 s49	0 s27	22n22	0 s55	0n51	16n 5	23n24	23n22	2n43	17n50	5 s38

Julian Day Number = 2357098.5, Delta T = 13.61 sec
Ecliptic obliquity = 23°28'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'49, Lahiri = 20°14'49Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

JULY 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 20	9♋ 3'41	5♒13	25♋58	13♋48	6♍12	19♋20	7♌37	17°R 9	7♋23	8°R39	25°R29	24♊46	4♎59	28♊27	S 1
S 2	18 40 17	10° 0'51	19°18	27°46	15° 2	6°48	19°33	7°44	17♑ 7	7°25	8♏39	25♊27	24°43	5° 6	28°33	S 2
M 3	18 44 13	10°58'02	3♓31	29°31	16°15	7°23	19°47	7°51	17° 5	7°28	8°38	25°25	24°39	5°13	28°38	M 3
T 4	18 48 10	11°55'13	17°48	1♌14	17°29	7°58	20° 0	7°59	17° 2	7°30	8°38	25°24	24°36	5°20	28°44	T 4
W 5	18 52 7	12°52'24	2♈ 6	2°55	18°43	8°33	20°13	8° 6	17° 0	7°32	8°37	25°23	24°33	5°26	28°50	W 5
T 6	18 56 3	13°49'36	16°21	4°35	19°57	9° 9	20°27	8°13	16°57	7°34	8°37	25°D22	24°30	5°33	28°56	T 6
F 7	19 0 0	14°46'48	0♉30	6°12	21°10	9°44	20°40	8°20	16°55	7°36	8°36	25°23	24°27	5°40	29° 1	F 7
S 8	19 3 56	15°44'01	14°32	7°47	22°24	10°20	20°54	8°28	16°53	7°39	8°36	25°24	24°24	5°46	29° 7	S 8
S 9	19 7 53	16°41'14	28°25	9°20	23°38	10°55	21° 7	8°35	16°50	7°41	8°35	25°25	24°20	5°53	29°13	S 9
M10	19 11 49	17°38'28	12♊ 8	10°51	24°52	11°31	21°20	8°42	16°48	7°43	8°35	25°27	24°17	6° 0	29°19	M10
T 11	19 15 46	18°35'43	25°40	12°19	26° 6	12° 7	21°34	8°50	16°45	7°45	8°35	25°R27	24°14	6° 7	29°24	T 11
W12	19 19 42	19°32'58	8♋58	13°46	27°19	12°43	21°47	8°57	16°43	7°48	8°35	25°26	24°11	6°13	29°30	W12
T 13	19 23 39	20°30'13	22° 3	15°11	28°33	13°18	22° 1	9° 5	16°40	7°50	8°34	25°25	24° 8	6°20	29°36	T 13
F 14	19 27 36	21°27'29	4♌53	16°33	29°47	13°54	22°14	9°12	16°38	7°52	8°34	25°22	24° 4	6°27	29°41	F 14
S 15	19 31 32	22°24'45	17°29	17°53	1♌ 1	14°31	22°27	9°20	16°36	7°54	8°34	25°18	24° 1	6°33	29°47	S 15
S 16	19 35 29	23°22'01	29°52	19°11	2°15	15° 7	22°41	9°27	16°33	7°56	8°34	25°13	23°58	6°40	29°52	S 16
M17	19 39 25	24°19'18	12♍ 2	20°27	3°29	15°43	22°54	9°35	16°31	7°58	8°34	25° 8	23°55	6°47	29°58	M17
T 18	19 43 22	25°16'35	24° 3	21°40	4°42	16°19	23° 8	9°42	16°28	8° 1	8°34	25° 4	23°52	6°54	0♋ 3	T 18
W19	19 47 18	26°13'52	5♎58	22°51	5°56	16°56	23°21	9°50	16°26	8° 3	8°D34	25° 1	23°49	7° 0	0° 9	W19
T 20	19 51 15	27°11'10	17°50	24° 0	7°10	17°32	23°34	9°57	16°24	8° 5	8°34	24°59	23°45	7° 7	0°14	T 20
F 21	19 55 11	28° 8'28	29°45	25° 6	8°24	18° 8	23°48	10° 5	16°21	8° 7	8°34	24°D59	23°42	7°14	0°20	F 21
S 22	19 59 8	29° 5'46	11♏47	26° 9	9°38	18°45	24° 1	10°13	16°19	8° 9	8°34	25° 0	23°39	7°21	0°25	S 22
S 23	20 3 5	0♌ 3'05	24° 0	27° 9	10°52	19°22	24°14	10°20	16°17	8°11	8°34	25° 1	23°36	7°27	0°31	S 23
M24	20 7 1	1° 0'25	6♐30	28° 7	12° 5	19°58	24°28	10°28	16°14	8°13	8°34	25° 3	23°33	7°34	0°36	M24
T 25	20 10 58	1°57'45	19°19	29° 1	13°19	20°35	24°41	10°35	16°12	8°15	8°34	25°R 4	23°30	7°41	0°41	T 25
W26	20 14 54	2°55'05	2♑32	29°53	14°33	21°12	24°54	10°43	16°10	8°17	8°34	25° 4	23°26	7°47	0°47	W26
T 27	20 18 51	3°52'27	16° 9	0♍41	15°47	21°49	25° 8	10°51	16° 8	8°20	8°35	25° 2	23°23	7°54	0°52	T 27
F 28	20 22 47	4°49'49	0♒ 8	1°25	17° 1	22°26	25°21	10°58	16° 5	8°22	8°35	24°59	23°20	8° 1	0°57	F 28
S 29	20 26 44	5°47'12	14°27	2° 7	18°15	23° 3	25°34	11° 6	16° 3	8°24	8°35	24°54	23°17	8° 8	1° 2	S 29
S 30	20 30 40	6°44'35	29° 0	2°44	19°29	23°40	25°48	11°14	16° 1	8°26	8°36	24°47	23°14	8°14	1° 7	S 30
M31	20 34 37	7♌42'00	13♓40	3♍17	20♌42	24♍17	26♋ 1	11♌22	15♑59	8♋28	8♏36	24♊41	23♊10	8♎21	1♋12	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n10	22s15	3s22	22n47	1n50	23n35	0n50	10n10	1n 0	22n20	0n16	19n 7	0n45	22s49	0s27	22n22	0s55	0n51	16n 4	23n24	23n22	2n40	17n50	5s38
S 2	23 6	19 5	4 15	22 24	1 48	23 29	0 52	9 57	0 59	22 18	0 16	19 5	0 45	22 50	0 27	22 21	0 55	0 51	16 4	23 24	23 22	2 37	17 50	5 38
M 3	23 1	14 46	4 53	21 59	1 45	23 22	0 54	9 43	0 58	22 16	0 16	19 3	0 45	22 50	0 27	22 21	0 55	0 50	16 3	23 24	23 22	2 34	17 50	5 38
T 4	22 56	9 37	5 13	21 33	1 41	23 15	0 56	9 29	0 57	22 14	0 16	19 2	0 45	22 50	0 27	22 21	0 55	0 50	16 3	23 24	23 22	2 31	17 50	5 38
W 5	22 51	3 57	5 13	21 6	1 36	23 7	0 58	9 15	0 57	22 13	0 16	19 0	0 45	22 51	0 27	22 21	0 55	0 50	16 2	23 24	23 22	2 29	17 50	5 38
T 6	22 45	1n54	4 54	20 38	1 32	22 58	0 59	9 1	0 56	22 11	0 16	18 58	0 45	22 51	0 27	22 21	0 55	0 49	16 1	23 24	23 22	2 26	17 49	5 39
F 7	22 39	7 38	4 18	20 8	1 26	22 49	1 1	8 47	0 55	22 9	0 16	18 56	0 45	22 51	0 27	22 21	0 55	0 49	16 1	23 24	23 21	2 23	17 49	5 39
S 8	22 33	12 56	3 27	19 38	1 20	22 38	1 3	8 33	0 54	22 7	0 16	18 54	0 45	22 52	0 27	22 21	0 54	0 48	16 0	23 24	23 21	2 20	17 49	5 39
S 9	22 26	17 30	2 23	19 8	1 14	22 28	1 4	8 18	0 53	22 5	0 16	18 52	0 45	22 52	0 27	22 21	0 54	0 48	16 0	23 24	23 21	2 17	17 49	5 39
M10	22 18	21 5	1 13	18 36	1 7	22 16	1 6	8 4	0 53	22 3	0 16	18 50	0 46	22 52	0 27	22 20	0 54	0 48	15 59	23 24	23 21	2 14	17 49	5 39
T 11	22 11	23 25	0n 1	18 5	0 59	22 4	1 8	7 50	0 52	22 1	0 16	18 49	0 46	22 52	0 27	22 20	0 54	0 47	15 59	23 24	23 21	2 12	17 49	5 40
W12	22 3	24 24	1 14	17 32	0 52	21 51	1 9	7 35	0 51	21 59	0 17	18 47	0 46	22 53	0 27	22 20	0 54	0 47	15 58	23 24	23 21	2 9	17 48	5 40
T 13	21 54	23 59	2 21	17 0	0 43	21 38	1 11	7 21	0 50	21 57	0 17	18 45	0 46	22 53	0 27	22 20	0 54	0 46	15 58	23 24	23 21	2 6	17 48	5 40
F 14	21 46	22 18	3 20	16 27	0 35	21 24	1 12	7 6	0 50	21 55	0 17	18 43	0 46	22 53	0 27	22 20	0 54	0 46	15 57	23 23	23 20	2 3	17 48	5 40
S 15	21 36	19 32	4 7	15 54	0 26	21 9	1 13	6 51	0 49	21 53	0 17	18 41	0 46	22 54	0 27	22 20	0 54	0 45	15 56	23 23	23 20	2 0	17 48	5 41
S 16	21 27	15 56	4 42	15 21	0 16	20 54	1 15	6 37	0 48	21 50	0 17	18 39	0 46	22 54	0 27	22 20	0 54	0 45	15 56	23 23	23 20	1 58	17 47	5 41
M17	21 17	11 44	5 4	14 48	0 6	20 38	1 16	6 22	0 47	21 48	0 17	18 37	0 46	22 54	0 27	22 20	0 54	0 44	15 55	23 23	23 20	1 55	17 47	5 41
T 18	21 7	7 8	5 12	14 15	0s 4	20 22	1 17	6 7	0 46	21 46	0 17	18 35	0 46	22 55	0 27	22 19	0 54	0 44	15 55	23 23	23 20	1 52	17 47	5 41
W19	20 56	2 19	5 7	13 42	0 14	20 5	1 18	5 52	0 46	21 44	0 17	18 33	0 46	22 55	0 28	22 19	0 54	0 43	15 54	23 23	23 20	1 49	17 47	5 42
T 20	20 45	2s34	4 48	13 9	0 25	19 47	1 19	5 37	0 45	21 42	0 17	18 31	0 46	22 55	0 28	22 19	0 54	0 43	15 54	23 23	23 20	1 46	17 46	5 42
F 21	20 34	7 24	4 17	12 37	0 36	19 29	1 20	5 22	0 44	21 40	0 17	18 29	0 46	22 55	0 28	22 19	0 54	0 42	15 53	23 23	23 19	1 43	17 46	5 42
S 22	20 22	11 59	3 34	12 5	0 47	19 10	1 21	5 7	0 43	21 37	0 17	18 27	0 46	22 56	0 28	22 19	0 54	0 41	15 52	23 23	23 19	1 41	17 46	5 43
S 23	20 10	16 12	2 41	11 34	0 58	18 51	1 22	4 52	0 43	21 35	0 18	18 25	0 46	22 56	0 28	22 19	0 54	0 41	15 52	23 23	23 19	1 38	17 46	5 43
M24	19 58	19 47	1 39	11 3	1 10	18 31	1 23	4 37	0 42	21 33	0 18	18 23	0 46	22 56	0 28	22 19	0 54	0 40	15 51	23 23	23 19	1 35	17 45	5 43
T 25	19 45	22 31	0 31	10 33	1 22	18 11	1 24	4 22	0 41	21 31	0 18	18 21	0 46	22 57	0 28	22 19	0 54	0 40	15 51	23 23	23 19	1 32	17 45	5 43
W26	19 32	24 7	0s41	10 4	1 34	17 50	1 25	4 7	0 40	21 28	0 18	18 19	0 47	22 57	0 28	22 18	0 54	0 39	15 50	23 23	23 19	1 29	17 45	5 44
T 27	19 19	24 21	1 52	9 36	1 46	17 29	1 25	3 52	0 40	21 26	0 18	18 17	0 47	22 57	0 28	22 18	0 54	0 38	15 50	23 23	23 18	1 26	17 44	5 44
F 28	19 5	23 3	2 59	9 9	1 58	17 7	1 26	3 36	0 39	21 24	0 18	18 15	0 47	22 57	0 28	22 18	0 54	0 38	15 49	23 23	23 18	1 23	17 44	5 44
S 29	18 51	20 16	3 55	8 43	2 10	16 45	1 26	3 21	0 38	21 21	0 18	18 13	0 47	22 58	0 28	22 18	0 54	0 37	15 48	23 22	23 18	1 21	17 43	5 45
S 30	18 37	16 11	4 38	8 18	2 23	16 22	1 27	3 6	0 37	21 19	0 18	18 11	0 47	22 58	0 28	22 18	0 54	0 36	15 48	23 22	23 18	1 18	17 43	5 45
M31	18n22	11s 5	5s 3	7n54	2s35	15n59	1n27	2n50	0n37	21n17	0n18	18n 9	0n47	22s58	0s28	22n18	0s54	0n36	15n47	23n22	23n18	1n15	17n43	5s45

Julian Day Number = 2357128.5, Delta T = 13.64 sec
Ecliptic obliquity = 23°28'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'53, Lahiri = 20°14'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

AUGUST 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 34	8♌39'26	28♓20	3♍47	21♌56	24♍54	26♋14	11♌29	15°R56	8♋30	8♏37	24°R35	23♊ 7	8♎28	1♋18	T 1
W 2	20 42 30	9°36'53	12♈54	4°12	23°10	25°32	26°27	11°37	15♉54	8°32	8°37	24♊31	23° 4	8°34	1°23	W 2
T 3	20 46 27	10°34'21	27°17	4°32	24°24	26° 9	26°40	11°45	15°52	8°34	8°37	24°28	23° 1	8°41	1°28	T 3
F 4	20 50 23	11°31'51	11♉24	4°48	25°38	26°46	26°54	11°52	15°50	8°36	8°38	24°D28	22°58	8°48	1°33	F 4
S 5	20 54 20	12°29'22	25°17	4°59	26°52	27°24	27° 7	12° 0	15°48	8°37	8°39	24°28	22°55	8°55	1°37	S 5
S 6	20 58 16	13°26'55	8♊53	5° 4	28° 5	28° 1	27°20	12° 8	15°46	8°39	8°39	24°29	22°51	9° 1	1°42	S 6
M 7	21 2 13	14°24'29	22°15	5°R 5	29°19	28°39	27°33	12°15	15°44	8°41	8°40	24°R30	22°48	9° 8	1°47	M 7
T 8	21 6 9	15°22'04	5♋24	5° 0	0♍33	29°17	27°46	12°23	15°42	8°43	8°40	24°30	22°45	9°15	1°52	T 8
W 9	21 10 6	16°19'41	18°20	4°50	1°47	29°54	27°59	12°31	15°40	8°45	8°41	24°27	22°42	9°21	1°57	W 9
T 10	21 14 3	17°17'19	1♌ 5	4°34	3° 1	0♎32	28°12	12°39	15°38	8°47	8°42	24°22	22°39	9°28	2° 1	T 10
F 11	21 17 59	18°14'59	13°39	4°13	4°15	1°10	28°25	12°46	15°36	8°49	8°43	24°15	22°36	9°35	2° 6	F 11
S 12	21 21 56	19°12'40	26° 2	3°46	5°29	1°48	28°38	12°54	15°34	8°51	8°43	24° 6	22°32	9°42	2°11	S 12
S 13	21 25 52	20°10'21	8♍16	3°14	6°43	2°26	28°51	13° 2	15°32	8°52	8°44	23°55	22°29	9°48	2°15	S 13
M14	21 29 49	21° 8'05	20°20	2°37	7°56	3° 4	29° 4	13° 9	15°31	8°54	8°45	23°45	22°26	9°55	2°20	M14
T 15	21 33 45	22° 5'49	2♎18	1°56	9°10	3°42	29°17	13°17	15°29	8°56	8°46	23°35	22°23	10° 2	2°24	T 15
W16	21 37 42	23° 3'34	14°10	1°10	10°24	4°21	29°29	13°25	15°27	8°58	8°47	23°27	22°20	10° 8	2°29	W16
T 17	21 41 38	24° 1'21	26° 0	0°21	11°38	4°59	29°42	13°32	15°25	8°59	8°48	23°21	22°16	10°15	2°33	T 17
F 18	21 45 35	24°59'09	7♏53	29♌30	12°52	5°37	29°55	13°40	15°24	9° 1	8°49	23°17	22°13	10°22	2°37	F 18
S 19	21 49 32	25°56'58	19°51	28°37	14° 6	6°16	0♌ 8	13°48	15°22	9° 3	8°50	23°15	22°10	10°29	2°42	S 19
S 20	21 53 28	26°54'48	2♐ 2	27°44	15°19	6°54	0°20	13°55	15°20	9° 4	8°51	23°D15	22° 7	10°35	2°46	S 20
M21	21 57 25	27°52'40	14°29	26°51	16°33	7°33	0°33	14° 3	15°19	9° 6	8°52	23°16	22° 4	10°42	2°50	M21
T 22	22 1 21	28°50'33	27°17	25°59	17°47	8°12	0°45	14°10	15°17	9° 7	8°53	23°R16	22° 1	10°49	2°54	T 22
W23	22 5 18	29°48'27	10♑32	25°10	19° 1	8°50	0°58	14°18	15°16	9° 9	8°54	23°15	21°57	10°56	2°58	W23
T 24	22 9 14	0♍46'22	24°14	24°25	20°15	9°29	1°10	14°25	15°14	9°11	8°55	23°11	21°54	11° 2	3° 2	T 24
F 25	22 13 11	1°44'19	8♒24	23°44	21°28	10° 8	1°23	14°33	15°13	9°12	8°57	23° 5	21°51	11° 9	3° 6	F 25
S 26	22 17 7	2°42'17	22°59	23° 9	22°42	10°47	1°35	14°40	15°11	9°14	8°58	22°57	21°48	11°16	3°10	S 26
S 27	22 21 4	3°40'17	7♓53	22°41	23°56	11°26	1°47	14°48	15°10	9°15	8°59	22°47	21°45	11°22	3°14	S 27
M28	22 25 1	4°38'19	22°58	22°20	25°10	12° 5	1°59	14°55	15° 9	9°16	9° 0	22°37	21°42	11°29	3°17	M28
T 29	22 28 57	5°36'22	8♈ 2	22° 6	26°24	12°44	2°12	15° 3	15° 8	9°18	9° 2	22°27	21°38	11°36	3°21	T 29
W30	22 32 54	6°34'27	22°56	22°D 1	27°37	13°23	2°24	15°10	15° 6	9°19	9° 3	22°20	21°35	11°43	3°25	W30
T 31	22 36 50	7♍32'33	7♉34	22♌ 5	28♍51	14♎ 2	2♌36	15♌17	15♉ 5	9♋21	9♏ 5	22♊14	21♊32	11♎49	3♋28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 7	5s22	5s 8	7n32	2s47	15n36	1n28	2n35	0n36	21n14	0n18	18n 7	0n47	22s59	0s28	22n18	0s55	0n35	15n47	23n22	23n18	1n12	17n42	5s46
W 2	17 52	0n36	4 53	7 12	2 59	15 12	1 28	2 19	0 35	21 12	0 19	18 5	0 47	22 59	0 28	22 18	0 55	0 34	15 46	23 22	23 17	1 9	17 42	5 46
T 3	17 37	6 29	4 20	6 54	3 11	14 47	1 28	2 4	0 35	21 9	0 19	18 3	0 47	22 59	0 28	22 17	0 55	0 34	15 45	23 21	23 17	1 6	17 41	5 46
F 4	17 21	11 56	3 31	6 37	3 23	14 23	1 28	1 48	0 34	21 7	0 19	18 1	0 47	22 59	0 28	22 17	0 55	0 33	15 45	23 21	23 17	1 3	17 41	5 47
S 5	17 5	16 40	2 31	6 23	3 34	13 58	1 28	1 33	0 33	21 4	0 19	17 58	0 47	22 59	0 28	22 17	0 55	0 32	15 44	23 21	23 17	1 1	17 41	5 47
S 6	16 49	20 27	1 23	6 10	3 45	13 32	1 28	1 17	0 32	21 2	0 19	17 56	0 47	23 0	0 28	22 17	0 55	0 32	15 44	23 21	23 17	0 58	17 40	5 48
M 7	16 32	23 3	0 12	6 1	3 55	13 6	1 28	1 1	0 32	21 0	0 19	17 54	0 47	23 0	0 27	22 17	0 55	0 31	15 43	23 22	23 17	0 55	17 40	5 48
T 8	16 15	24 20	0n58	5 53	4 5	12 40	1 28	0 46	0 31	20 57	0 19	17 52	0 48	23 0	0 27	22 17	0 55	0 30	15 43	23 22	23 16	0 52	17 39	5 48
W 9	15 58	24 16	2 4	5 49	4 14	12 13	1 28	0 30	0 30	20 55	0 19	17 50	0 48	23 0	0 27	22 17	0 55	0 29	15 42	23 21	23 16	0 49	17 39	5 49
T 10	15 41	22 55	3 3	5 47	4 22	11 46	1 28	0 14	0 30	20 52	0 19	17 48	0 48	23 1	0 27	22 16	0 55	0 29	15 41	23 21	23 16	0 46	17 38	5 49
F 11	15 23	20 27	3 52	5 48	4 29	11 19	1 27	0s 2	0 29	20 50	0 19	17 46	0 48	23 1	0 27	22 16	0 55	0 28	15 41	23 21	23 16	0 43	17 38	5 50
S 12	15 5	17 4	4 29	5 53	4 34	10 52	1 27	0 17	0 28	20 47	0 20	17 44	0 48	23 1	0 27	22 16	0 55	0 27	15 40	23 20	23 16	0 41	17 37	5 50
S 13	14 47	13 0	4 53	6 0	4 39	10 24	1 26	0 33	0 27	20 44	0 20	17 42	0 48	23 1	0 27	22 16	0 55	0 26	15 40	23 20	23 16	0 38	17 37	5 50
M14	14 28	8 29	5 4	6 10	4 42	9 56	1 26	0 49	0 27	20 42	0 20	17 40	0 48	23 1	0 27	22 16	0 55	0 25	15 39	23 20	23 15	0 35	17 36	5 51
T 15	14 10	3 41	5 1	6 23	4 43	9 28	1 25	1 5	0 26	20 39	0 20	17 38	0 48	23 2	0 27	22 16	0 55	0 25	15 39	23 19	23 15	0 32	17 36	5 51
W16	13 51	1s13	4 45	6 40	4 43	8 59	1 25	1 21	0 25	20 37	0 20	17 35	0 48	23 2	0 27	22 16	0 55	0 24	15 38	23 19	23 15	0 29	17 35	5 52
T 17	13 32	6 4	4 17	6 59	4 41	8 30	1 24	1 36	0 25	20 34	0 20	17 33	0 48	23 2	0 27	22 16	0 55	0 23	15 38	23 18	23 15	0 26	17 35	5 52
F 18	13 13	10 44	3 37	7 20	4 37	8 1	1 23	1 52	0 24	20 32	0 20	17 31	0 48	23 2	0 27	22 15	0 55	0 22	15 37	23 18	23 15	0 23	17 34	5 53
S 19	12 53	15 2	2 48	7 44	4 31	7 32	1 22	2 8	0 23	20 29	0 20	17 29	0 49	23 2	0 27	22 15	0 55	0 21	15 36	23 18	23 14	0 20	17 34	5 53
S 20	12 34	18 47	1 51	8 9	4 23	7 2	1 21	2 24	0 22	20 26	0 21	17 27	0 49	23 3	0 27	22 15	0 55	0 21	15 36	23 18	23 14	0 18	17 33	5 54
M21	12 14	21 48	0 47	8 36	4 14	6 33	1 20	2 40	0 22	20 24	0 21	17 25	0 49	23 3	0 27	22 15	0 55	0 20	15 35	23 18	23 14	0 15	17 33	5 54
T 22	11 54	23 48	0s21	9 4	4 2	6 3	1 19	2 56	0 21	20 21	0 21	17 23	0 49	23 3	0 27	22 15	0 55	0 19	15 35	23 18	23 14	0 12	17 32	5 55
W23	11 33	24 34	1 30	9 33	3 49	5 33	1 18	3 12	0 20	20 19	0 21	17 21	0 49	23 3	0 27	22 15	0 55	0 18	15 34	23 18	23 14	0 9	17 31	5 55
T 24	11 13	23 52	2 37	10 2	3 35	5 3	1 17	3 28	0 20	20 16	0 21	17 19	0 49	23 3	0 27	22 15	0 55	0 17	15 34	23 18	23 14	0 6	17 31	5 55
F 25	10 52	21 39	3 35	10 30	3 19	4 33	1 16	3 44	0 19	20 13	0 21	17 17	0 49	23 3	0 27	22 15	0 55	0 16	15 33	23 18	23 13	0 3	17 30	5 56
S 26	10 31	17 59	4 22	10 57	3 2	4 2	1 14	3 59	0 18	20 11	0 21	17 14	0 49	23 4	0 27	22 14	0 55	0 15	15 33	23 17	23 13	0 0	17 30	5 56
S 27	10 11	13 8	4 52	11 23	2 44	3 32	1 13	4 15	0 18	20 8	0 21	17 12	0 49	23 4	0 27	22 14	0 55	0 15	15 32	23 17	23 13	0s 3	17 29	5 57
M28	9 49	7 25	5 2	11 47	2 26	3 1	1 11	4 31	0 17	20 6	0 21	17 10	0 49	23 4	0 27	22 14	0 55	0 14	15 32	23 16	23 13	0 5	17 29	5 57
T 29	9 28	1 16	4 51	12 9	2 7	2 30	1 10	4 47	0 16	20 3	0 22	17 8	0 50	23 4	0 27	22 14	0 55	0 13	15 31	23 15	23 13	0 8	17 28	5 58
W30	9 7	4n54	4 20	12 29	1 48	1 59	1 8	5 3	0 16	20 0	0 22	17 6	0 50	23 4	0 27	22 14	0 55	0 12	15 31	23 15	23 12	0 11	17 27	5 59
T 31	8n45	10n42	3s33	12n46	1s29	1n29	1n 7	5s19	0n15	19n58	0n22	17n 4	0n50	23s 4	0s27	22n14	0s55	0n11	15n30	23n15	23n12	0s14	17n27	5s59

Julian Day Number = 2357159.5, Delta T = 13.66 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°07'57, Lahiri = 20°14'58Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1741
geocentric

SEPTEMBER 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 47	8♍30'42	21♉51	22♌17	0♎ 5	14♎41	2♌48	15♌25	15°R 4	9♋22	9♏ 6	22°R12	21♊29	11♎56	3♋32	F 1
S 2	22 44 43	9°28'53	5♊44	22°37	1°18	15°20	3° 0	15°32	15♑ 3	9°23	9° 7	22°D11	21°26	12° 3	3°35	S 2
S 3	22 48 40	10°27'07	19°15	23° 7	2°32	16° 0	3°12	15°39	15° 2	9°25	9° 9	22°R11	21°22	12° 9	3°38	S 3
M 4	22 52 36	11°25'22	2♋27	23°44	3°46	16°39	3°24	15°46	15° 1	9°26	9°10	22♊11	21°19	12°16	3°42	M 4
T 5	22 56 33	12°23'39	15°21	24°30	5° 0	17°19	3°35	15°54	15° 0	9°27	9°12	22° 9	21°16	12°23	3°45	T 5
W 6	23 0 30	13°21'58	28° 1	25°24	6°13	17°58	3°47	16° 1	14°59	9°28	9°13	22° 5	21°13	12°30	3°48	W 6
T 7	23 4 26	14°20'20	10♌29	26°25	7°27	18°38	3°59	16° 8	14°58	9°29	9°15	21°58	21°10	12°36	3°51	T 7
F 8	23 8 23	15°18'43	22°48	27°34	8°41	19°18	4°10	16°15	14°57	9°31	9°17	21°48	21° 7	12°43	3°54	F 8
S 9	23 12 19	16°17'08	4♍59	28°48	9°54	19°58	4°22	16°22	14°57	9°32	9°18	21°35	21° 3	12°50	3°57	S 9
S 10	23 16 16	17°15'35	17° 2	0♏ 9	11° 8	20°37	4°33	16°29	14°56	9°33	9°20	21°21	21° 0	12°56	4° 0	S 10
M11	23 20 12	18°14'04	29° 0	1°34	12°22	21°17	4°45	16°36	14°55	9°34	9°22	21° 7	20°57	13° 3	4° 3	M11
T 12	23 24 9	19°12'35	10♎54	3° 5	13°35	21°57	4°56	16°43	14°55	9°35	9°23	20°53	20°54	13°10	4° 5	T 12
W13	23 28 5	20°11'07	22°44	4°39	14°49	22°37	5° 7	16°50	14°54	9°36	9°25	20°42	20°51	13°16	4° 8	W13
T 14	23 32 2	21° 9'41	4♏34	6°17	16° 3	23°17	5°18	16°57	14°53	9°37	9°27	20°33	20°47	13°23	4°11	T 14
F 15	23 35 58	22° 8'18	16°25	7°58	17°16	23°58	5°29	17° 4	14°53	9°38	9°29	20°27	20°44	13°30	4°13	F 15
S 16	23 39 55	23° 6'55	28°23	9°42	18°30	24°38	5°40	17°10	14°52	9°39	9°30	20°23	20°41	13°37	4°16	S 16
S 17	23 43 52	24° 5'35	10♐31	11°27	19°44	25°18	5°51	17°17	14°52	9°40	9°32	20°22	20°38	13°43	4°18	S 17
M18	23 47 48	25° 4'16	22°54	13°14	20°57	25°59	6° 2	17°24	14°52	9°40	9°34	20°22	20°35	13°50	4°20	M18
T 19	23 51 45	26° 3'00	5♑38	15° 2	22°11	26°39	6°12	17°30	14°51	9°41	9°36	20°21	20°32	13°57	4°22	T 19
W20	23 55 41	27° 1'44	18°47	16°51	23°24	27°19	6°23	17°37	14°51	9°42	9°38	20°20	20°28	14° 3	4°25	W20
T 21	23 59 38	28° 0'31	2♒25	18°41	24°38	28° 0	6°34	17°43	14°51	9°43	9°40	20°17	20°25	14°10	4°27	T 21
F 22	0 3 34	28°59'19	16°33	20°31	25°51	28°41	6°44	17°50	14°51	9°43	9°42	20°11	20°22	14°17	4°29	F 22
S 23	0 7 31	29°58'09	1♓10	22°21	27° 5	29°21	6°54	17°56	14°51	9°44	9°44	20° 2	20°19	14°24	4°30	S 23
S 24	0 11 27	0♎57'01	16°11	24°11	28°18	0♏ 2	7° 5	18° 3	14°D51	9°45	9°46	19°52	20°16	14°30	4°32	S 24
M25	0 15 24	1°55'54	1♈26	26° 1	29°32	0°43	7°15	18° 9	14°51	9°45	9°48	19°41	20°13	14°37	4°34	M25
T 26	0 19 21	2°54'50	16°45	27°50	0♏45	1°24	7°25	18°15	14°51	9°46	9°50	19°31	20° 9	14°44	4°36	T 26
W27	0 23 17	3°53'48	1♉57	29°39	1°59	2° 5	7°35	18°21	14°51	9°47	9°52	19°22	20° 6	14°50	4°37	W27
T 28	0 27 14	4°52'48	16°52	1♎27	3°12	2°46	7°45	18°28	14°51	9°47	9°54	19°16	20° 3	14°57	4°39	T 28
F 29	0 31 10	5°51'50	1♊22	3°14	4°26	3°27	7°54	18°34	14°51	9°48	9°56	19°13	20° 0	15° 4	4°40	F 29
S 30	0 35 7	6♎50'55	15♊25	5♎ 1	5♏39	4♏ 8	8♌ 4	18♌40	14♑52	9♋48	9♏58	19°D12	19♊57	15♎11	4♋41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	8n23	15n47	2s33	12n59	1s11	0n58	1n 5	5s35	0n14	19n55	0n22	17n 2	0n50	23s 4	0s27	22n14	0s55	0n10	15n30	23n15	23n12	0s17	17n26	6s 0	F 1
S 2	8 2	19 53	1 26	13 10	0 53	0 27	1 3	5 51	0 13	19 52	0 22	17 0	0 50	23 4	0 27	22 14	0 55	0 9	15 29	23 15	23 12	0 20	17 26	6 0	S 2
S 3	7 40	22 47	0 15	13 17	0 35	0s 4	1 1	6 6	0 13	19 50	0 22	16 58	0 50	23 5	0 27	22 14	0 55	0 8	15 29	23 15	23 12	0 23	17 25	6 1	S 3
M 4	7 17	24 21	0n54	13 20	0 18	0 35	0 59	6 22	0 12	19 47	0 22	16 56	0 50	23 5	0 27	22 13	0 55	0 7	15 28	23 15	23 11	0 26	17 24	6 1	M 4
T 5	6 55	24 34	1 59	13 20	0 2	1 6	0 58	6 38	0 11	19 45	0 22	16 54	0 50	23 5	0 27	22 13	0 55	0 7	15 28	23 14	23 11	0 29	17 24	6 2	T 5
W 6	6 33	23 29	2 57	13 16	0n13	1 37	0 56	6 54	0 11	19 42	0 23	16 52	0 51	23 5	0 27	22 13	0 55	0 6	15 27	23 14	23 11	0 31	17 23	6 2	W 6
T 7	6 10	21 15	3 46	13 9	0 27	2 9	0 53	7 9	0 10	19 39	0 23	16 50	0 51	23 5	0 27	22 13	0 55	0 5	15 27	23 14	23 11	0 34	17 22	6 3	T 7
F 8	5 48	18 4	4 23	12 58	0 40	2 40	0 51	7 25	0 9	19 37	0 23	16 48	0 51	23 5	0 27	22 13	0 55	0 4	15 26	23 13	23 10	0 37	17 22	6 3	F 8
S 9	5 25	14 9	4 47	12 43	0 52	3 11	0 49	7 41	0 9	19 34	0 23	16 46	0 51	23 5	0 27	22 13	0 55	0 3	15 26	23 12	23 10	0 40	17 21	6 4	S 9
S 10	5 2	9 42	4 59	12 25	1 3	3 41	0 47	7 56	0 8	19 32	0 23	16 44	0 51	23 5	0 27	22 13	0 55	0 2	15 25	23 11	23 10	0 43	17 20	6 4	S 10
M11	4 40	4 56	4 57	12 3	1 12	4 12	0 45	8 12	0 7	19 29	0 23	16 42	0 51	23 5	0 27	22 13	0 55	0 1	15 25	23 11	23 10	0 46	17 20	6 5	M11
T 12	4 17	0 0	4 42	11 39	1 21	4 43	0 43	8 28	0 7	19 26	0 23	16 40	0 51	23 5	0 27	22 13	0 55	0 0	15 24	23 10	23 10	0 49	17 19	6 6	T 12
W13	3 54	4s55	4 15	11 11	1 28	5 14	0 40	8 43	0 6	19 24	0 24	16 38	0 51	23 5	0 27	22 13	0 55	0s 1	15 24	23 9	23 9	0 52	17 18	6 6	W13
T 14	3 31	9 39	3 37	10 41	1 34	5 44	0 38	8 59	0 5	19 21	0 24	16 36	0 52	23 5	0 27	22 13	0 55	0 2	15 24	23 8	23 9	0 55	17 18	6 7	T 14
F 15	3 7	14 4	2 49	10 8	1 39	6 15	0 35	9 14	0 5	19 19	0 24	16 34	0 52	23 5	0 27	22 12	0 55	0 3	15 23	23 8	23 9	0 58	17 17	6 7	F 15
S 16	2 44	17 59	1 53	9 33	1 44	6 45	0 33	9 30	0 4	19 16	0 24	16 32	0 52	23 5	0 27	22 12	0 55	0 4	15 23	23 7	23 9	1 1	17 16	6 8	S 16
S 17	2 21	21 12	0 52	8 56	1 47	7 15	0 30	9 45	0 3	19 14	0 24	16 30	0 52	23 5	0 27	22 12	0 55	0 5	15 22	23 7	23 9	1 3	17 16	6 9	S 17
M18	1 58	23 30	0s13	8 17	1 49	7 46	0 28	10 0	0 3	19 11	0 24	16 28	0 52	23 6	0 27	22 12	0 55	0 6	15 22	23 7	23 8	1 6	17 15	6 9	M18
T 19	1 34	24 41	1 20	7 36	1 51	8 15	0 25	10 16	0 2	19 8	0 24	16 26	0 52	23 6	0 27	22 12	0 55	0 6	15 22	23 7	23 8	1 9	17 14	6 10	T 19
W20	1 11	24 32	2 24	6 54	1 51	8 45	0 23	10 31	0 1	19 6	0 25	16 24	0 52	23 6	0 27	22 12	0 55	0 7	15 21	23 7	23 8	1 12	17 14	6 10	W20
T 21	0 48	22 56	3 23	6 11	1 51	9 15	0 20	10 46	0 1	19 3	0 25	16 22	0 52	23 6	0 27	22 12	0 55	0 8	15 21	23 7	23 8	1 15	17 13	6 11	T 21
F 22	0 24	19 53	4 11	5 27	1 50	9 44	0 17	11 1	0 0	19 1	0 25	16 21	0 53	23 6	0 27	22 12	0 55	0 9	15 20	23 7	23 7	1 18	17 12	6 12	F 22
S 23	0 1	15 30	4 45	4 42	1 49	10 13	0 15	11 16	0s 0	18 59	0 25	16 19	0 53	23 6	0 27	22 12	0 55	0 10	15 20	23 6	23 7	1 21	17 12	6 12	S 23
S 24	0s23	10 4	5 0	3 57	1 47	10 42	0 12	11 31	0 1	18 56	0 25	16 17	0 53	23 6	0 27	22 12	0 55	0 11	15 20	23 5	23 7	1 24	17 11	6 13	S 24
M25	0 46	3 56	4 55	3 11	1 44	11 11	0 9	11 46	0 2	18 54	0 25	16 15	0 53	23 6	0 27	22 12	0 55	0 12	15 19	23 4	23 7	1 27	17 10	6 13	M25
T 26	1 10	2n28	4 28	2 24	1 41	11 39	0 6	12 1	0 2	18 51	0 25	16 13	0 53	23 5	0 27	22 12	0 55	0 13	15 19	23 4	23 6	1 30	17 10	6 14	T 26
W27	1 33	8 41	3 42	1 38	1 37	12 7	0 3	12 16	0 3	18 49	0 26	16 12	0 53	23 5	0 27	22 12	0 55	0 14	15 19	23 3	23 6	1 33	17 9	6 15	W27
T 28	1 57	14 18	2 42	0 51	1 33	12 35	0 1	12 30	0 4	18 46	0 26	16 10	0 53	23 5	0 27	22 11	0 55	0 15	15 18	23 2	23 6	1 35	17 8	6 15	T 28
F 29	2 20	18 57	1 33	0 4	1 29	13 3	0s 2	12 45	0 4	18 44	0 26	16 8	0 54	23 5	0 27	22 11	0 55	0 16	15 18	23 2	23 6	1 38	17 8	6 16	F 29
S 30	2s43	22n21	0s20	0s43	1n24	13s30	0s 5	13s 0	0s 5	18n42	0n26	16n 6	0n54	23s 5	0s27	22n11	0s55	0s17	15n18	23n 2	23n 6	1s41	17n 7	6s17	S 30

Julian Day Number = 2357190.5, Delta T = 13.68 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'02, Lahiri = 20°15'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

OCTOBER 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 3	7♎50'02	29♊ 2	6♎47	6♏52	4♏49	8♌14	18♌46	14♑52	9♋48	10♏ 0	19♊12	19♊53	15♎17	4♋42	S 1
M 2	0 43 0	8°49'11	12♋13	8°33	8° 6	5°30	8°23	18°51	14°52	9°49	10° 2	19°R12	19°50	15°24	4°44	M 2
T 3	0 46 56	9°48'23	25° 3	10°18	9°19	6°11	8°32	18°57	14°53	9°49	10° 4	19°11	19°47	15°31	4°45	T 3
W 4	0 50 53	10°47'37	7♌35	12° 1	10°32	6°53	8°42	19° 3	14°53	9°50	10° 7	19° 8	19°44	15°37	4°46	W 4
T 5	0 54 50	11°46'53	19°54	13°45	11°46	7°34	8°51	19° 9	14°54	9°50	10° 9	19° 2	19°41	15°44	4°46	T 5
F 6	0 58 46	12°46'12	2♍ 3	15°27	12°59	8°16	9° 0	19°14	14°54	9°50	10°11	18°54	19°38	15°51	4°47	F 6
S 7	1 2 43	13°45'32	14° 4	17° 9	14°12	8°57	9° 8	19°20	14°55	9°50	10°13	18°43	19°34	15°58	4°48	S 7
S 8	1 6 39	14°44'55	26° 0	18°49	15°26	9°39	9°17	19°25	14°56	9°50	10°16	18°31	19°31	16° 4	4°49	S 8
M 9	1 10 36	15°44'20	7♎53	20°30	16°39	10°21	9°26	19°31	14°56	9°51	10°18	18°19	19°28	16°11	4°49	M 9
T 10	1 14 32	16°43'47	19°45	22° 9	17°52	11° 2	9°34	19°36	14°57	9°51	10°20	18° 7	19°25	16°18	4°50	T 10
W11	1 18 29	17°43'16	1♏35	23°48	19° 5	11°44	9°43	19°41	14°58	9°51	10°22	17°56	19°22	16°24	4°50	W11
T 12	1 22 25	18°42'48	13°27	25°26	20°19	12°26	9°51	19°47	14°59	9°51	10°25	17°49	19°19	16°31	4°50	T 12
F 13	1 26 22	19°42'21	25°23	27° 3	21°32	13° 8	9°59	19°52	15° 0	9°R51	10°27	17°43	19°15	16°38	4°50	F 13
S 14	1 30 19	20°41'56	7♐24	28°40	22°45	13°50	10° 7	19°57	15° 1	9°51	10°29	17°41	19°12	16°44	4°50	S 14
S 15	1 34 15	21°41'33	19°35	0♏16	23°58	14°32	10°15	20° 2	15° 2	9°51	10°31	17°D40	19° 9	16°51	4°R50	S 15
M16	1 38 12	22°41'11	2♑ 0	1°51	25°11	15°14	10°23	20° 7	15° 3	9°51	10°34	17°41	19° 6	16°58	4°50	M16
T 17	1 42 8	23°40'52	14°42	3°26	26°25	15°56	10°30	20°11	15° 4	9°51	10°36	17°42	19° 3	17° 5	4°50	T 17
W18	1 46 5	24°40'34	27°45	5° 0	27°38	16°39	10°38	20°16	15° 5	9°50	10°39	17°R42	18°59	17°11	4°50	W18
T 19	1 50 1	25°40'18	11♒15	6°34	28°51	17°21	10°45	20°21	15° 7	9°50	10°41	17°41	18°56	17°18	4°50	T 19
F 20	1 53 58	26°40'03	25°12	8° 7	0♐ 4	18° 3	10°52	20°25	15° 8	9°50	10°43	17°38	18°53	17°25	4°49	F 20
S 21	1 57 54	27°39'51	9♓38	9°39	1°17	18°46	10°59	20°30	15° 9	9°50	10°46	17°32	18°50	17°31	4°49	S 21
S 22	2 1 51	28°39'39	24°28	11°11	2°30	19°28	11° 6	20°34	15°11	9°50	10°48	17°26	18°47	17°38	4°48	S 22
M23	2 5 48	29°39'30	9♈36	12°43	3°43	20°11	11°13	20°38	15°12	9°49	10°50	17°18	18°44	17°45	4°47	M23
T 24	2 9 44	0♏39'22	24°53	14°14	4°56	20°53	11°19	20°43	15°14	9°49	10°53	17°11	18°40	17°52	4°47	T 24
W25	2 13 41	1°39'17	10♉ 8	15°44	6° 9	21°36	11°26	20°47	15°15	9°48	10°55	17° 5	18°37	17°58	4°46	W25
T 26	2 17 37	2°39'13	25°11	17°14	7°21	22°19	11°32	20°51	15°17	9°48	10°58	17° 1	18°34	18° 5	4°45	T 26
F 27	2 21 34	3°39'12	9♊52	18°43	8°34	23° 2	11°38	20°55	15°18	9°48	11° 0	16°59	18°31	18°12	4°44	F 27
S 28	2 25 30	4°39'13	24° 7	20°12	9°47	23°44	11°44	20°59	15°20	9°47	11° 2	16°D59	18°28	18°18	4°43	S 28
S 29	2 29 27	5°39'15	7♋53	21°40	11° 0	24°27	11°50	21° 2	15°22	9°47	11° 5	17° 1	18°24	18°25	4°41	S 29
M30	2 33 23	6°39'20	21°12	23° 8	12°13	25°10	11°56	21° 6	15°23	9°46	11° 7	17° 2	18°21	18°32	4°40	M30
T 31	2 37 20	7♏39'27	4♌ 7	24♏35	13♐26	25♏53	12♌ 1	21♌10	15♑25	9♋45	11♏10	17°R 3	18♊18	18♎38	4♋39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 7	24n20	0n52	1s29	1n19	13s57	0s 8	13s14	0s 6	18n39	0n26	16n 5	0n54	23s 5	0s27	22n11	0s55	0s18	15n17	23n 2	23n 5	1s44	17n 6	6s17
M 2	3 30	24 53	1 59	2 16	1 14	14 24	0 11	13 28	0 6	18 37	0 26	16 3	0 54	23 5	0 27	22 11	0 55	0 19	15 17	23 2	23 5	1 47	17 6	6 18
T 3	3 53	24 4	2 58	3 2	1 8	14 50	0 14	13 43	0 7	18 35	0 27	16 1	0 54	23 5	0 27	22 11	0 56	0 20	15 17	23 2	23 5	1 50	17 5	6 18
W 4	4 17	22 3	3 47	3 48	1 2	15 16	0 17	13 57	0 8	18 33	0 27	16 0	0 54	23 5	0 27	22 11	0 56	0 20	15 16	23 2	23 5	1 53	17 4	6 19
T 5	4 40	19 3	4 25	4 34	0 56	15 42	0 20	14 11	0 8	18 30	0 27	15 58	0 55	23 5	0 27	22 11	0 56	0 21	15 16	23 1	23 4	1 56	17 4	6 20
F 6	5 3	15 16	4 50	5 19	0 50	16 7	0 23	14 25	0 9	18 28	0 27	15 56	0 55	23 5	0 27	22 11	0 56	0 22	15 16	23 1	23 4	1 59	17 3	6 20
S 7	5 26	10 54	5 1	6 4	0 44	16 32	0 26	14 39	0 9	18 26	0 27	15 55	0 55	23 5	0 27	22 11	0 56	0 23	15 16	23 0	23 4	2 2	17 2	6 21
S 8	5 49	6 10	5 0	6 48	0 38	16 57	0 29	14 53	0 10	18 24	0 27	15 53	0 55	23 5	0 27	22 11	0 56	0 24	15 15	22 59	23 4	2 5	17 2	6 22
M 9	6 12	1 14	4 45	7 32	0 31	17 21	0 32	15 7	0 11	18 22	0 28	15 52	0 55	23 5	0 27	22 11	0 56	0 25	15 15	22 57	23 3	2 8	17 1	6 22
T 10	6 35	3s45	4 18	8 16	0 24	17 44	0 35	15 20	0 11	18 20	0 28	15 50	0 55	23 5	0 27	22 11	0 56	0 26	15 15	22 56	23 3	2 11	17 1	6 23
W11	6 58	8 36	3 40	8 58	0 18	18 7	0 38	15 34	0 12	18 17	0 28	15 49	0 55	23 4	0 27	22 11	0 56	0 27	15 15	22 56	23 3	2 13	17 0	6 23
T 12	7 21	13 10	2 52	9 41	0 11	18 30	0 41	15 47	0 13	18 15	0 28	15 47	0 56	23 4	0 27	22 11	0 56	0 28	15 14	22 55	23 3	2 16	16 59	6 24
F 13	7 43	17 15	1 56	10 22	0 4	18 52	0 44	16 1	0 13	18 13	0 28	15 46	0 56	23 4	0 27	22 11	0 56	0 29	15 14	22 54	23 2	2 19	16 59	6 25
S 14	8 6	20 41	0 55	11 3	0s 3	19 14	0 47	16 14	0 14	18 11	0 28	15 44	0 56	23 4	0 27	22 11	0 56	0 29	15 14	22 54	23 2	2 22	16 58	6 25
S 15	8 28	23 14	0s10	11 44	0 9	19 36	0 50	16 27	0 14	18 9	0 29	15 43	0 56	23 4	0 27	22 11	0 56	0 30	15 14	22 54	23 2	2 25	16 57	6 26
M16	8 50	24 44	1 16	12 23	0 16	19 56	0 53	16 40	0 15	18 8	0 29	15 41	0 56	23 4	0 27	22 11	0 56	0 31	15 13	22 54	23 2	2 28	16 57	6 27
T 17	9 12	24 59	2 20	13 2	0 23	20 17	0 55	16 53	0 16	18 6	0 29	15 40	0 57	23 4	0 27	22 11	0 56	0 32	15 13	22 54	23 1	2 31	16 56	6 27
W18	9 34	23 53	3 18	13 41	0 30	20 36	0 58	17 6	0 16	18 4	0 29	15 39	0 57	23 4	0 27	22 11	0 56	0 33	15 13	22 54	23 1	2 34	16 55	6 28
T 19	9 56	21 24	4 8	14 18	0 37	20 56	1 1	17 18	0 17	18 2	0 29	15 37	0 57	23 3	0 27	22 11	0 56	0 34	15 13	22 54	23 1	2 37	16 55	6 29
F 20	10 18	17 36	4 44	14 55	0 43	21 14	1 4	17 31	0 17	18 0	0 29	15 36	0 57	23 3	0 27	22 11	0 56	0 35	15 13	22 54	23 0	2 40	16 54	6 29
S 21	10 39	12 40	5 4	15 31	0 50	21 32	1 7	17 43	0 18	17 58	0 30	15 35	0 57	23 3	0 27	22 11	0 56	0 35	15 13	22 53	23 0	2 43	16 54	6 30
S 22	11 1	6 52	5 5	16 6	0 57	21 50	1 10	17 55	0 19	17 57	0 30	15 34	0 57	23 3	0 27	22 11	0 56	0 36	15 12	22 53	23 0	2 46	16 53	6 30
M23	11 22	0 33	4 45	16 41	1 3	22 7	1 13	18 7	0 19	17 55	0 30	15 32	0 58	23 3	0 27	22 11	0 56	0 37	15 12	22 52	23 0	2 49	16 52	6 31
T 24	11 43	5n52	4 4	17 14	1 10	22 23	1 15	18 19	0 20	17 53	0 30	15 31	0 58	23 3	0 26	22 11	0 56	0 38	15 12	22 51	22 59	2 52	16 52	6 32
W25	12 4	11 56	3 6	17 47	1 16	22 39	1 18	18 31	0 20	17 52	0 30	15 30	0 58	23 2	0 26	22 11	0 56	0 39	15 12	22 51	22 59	2 55	16 51	6 32
T 26	12 25	17 13	1 55	18 19	1 22	22 54	1 21	18 43	0 21	17 50	0 31	15 29	0 58	23 2	0 26	22 11	0 56	0 40	15 12	22 50	22 59	2 57	16 51	6 33
F 27	12 45	21 20	0 39	18 50	1 28	23 8	1 23	18 54	0 22	17 49	0 31	15 28	0 58	23 2	0 26	22 11	0 56	0 40	15 12	22 50	22 59	3 0	16 50	6 33
S 28	13 5	23 59	0n39	19 20	1 34	23 22	1 26	19 6	0 22	17 47	0 31	15 27	0 58	23 2	0 26	22 11	0 56	0 41	15 12	22 50	22 58	3 3	16 50	6 34
S 29	13 26	25 5	1 51	19 49	1 40	23 35	1 29	19 17	0 23	17 46	0 31	15 26	0 59	23 2	0 26	22 11	0 56	0 42	15 12	22 50	22 58	3 6	16 49	6 35
M30	13 45	24 41	2 55	20 17	1 45	23 48	1 31	19 28	0 23	17 44	0 31	15 25	0 59	23 1	0 26	22 11	0 56	0 43	15 11	22 50	22 58	3 9	16 48	6 35
T 31	14s 5	22n57	3n48	20s44	1s51	24s 0	1s34	19s39	0s24	17n43	0n32	15n24	0n59	23s 1	0s26	22n11	0s56	0s44	15n11	22n51	22n57	3s12	16n48	6s36

Julian Day Number = 2357220.5, Delta T = 13.70 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'06, Lahiri = 20°15'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

NOVEMBER 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 17	8♏39'36	16♌40	26♏ 1	14♐38	26♏37	12♌ 7	21♌13	15♑27	9°R45	11♏12	17°R 3	18♊15	18♎45	4°R37	W 1
T 2	2 45 13	9°39'48	28°57	27°27	15°51	27°20	12°12	21°16	15°29	9♋44	11°15	17♊ 1	18°12	18°52	4♋36	T 2
F 3	2 49 10	10°40'01	11♍ 2	28°53	17° 4	28° 3	12°17	21°20	15°31	9°44	11°17	16°57	18° 9	18°59	4°34	F 3
S 4	2 53 6	11°40'16	22°59	0♐17	18°16	28°46	12°22	21°23	15°33	9°43	11°19	16°52	18° 5	19° 5	4°33	S 4
S 5	2 57 3	12°40'33	4♎51	1°41	19°29	29°30	12°26	21°26	15°35	9°42	11°22	16°46	18° 2	19°12	4°31	S 5
M 6	3 0 59	13°40'52	16°42	3° 4	20°41	0♐13	12°31	21°29	15°37	9°41	11°24	16°39	17°59	19°19	4°29	M 6
T 7	3 4 56	14°41'13	28°33	4°26	21°54	0°56	12°35	21°32	15°39	9°40	11°27	16°33	17°56	19°25	4°27	T 7
W 8	3 8 52	15°41'36	10♏27	5°47	23° 7	1°40	12°39	21°35	15°41	9°40	11°29	16°28	17°53	19°32	4°25	W 8
T 9	3 12 49	16°42'00	22°26	7° 7	24°19	2°24	12°43	21°37	15°43	9°39	11°32	16°24	17°50	19°39	4°23	T 9
F 10	3 16 45	17°42'27	4♐30	8°25	25°31	3° 7	12°47	21°40	15°46	9°38	11°34	16°22	17°46	19°45	4°21	F 10
S 11	3 20 42	18°42'54	16°43	9°43	26°44	3°51	12°51	21°42	15°48	9°37	11°36	16°D21	17°43	19°52	4°18	S 11
S 12	3 24 39	19°43'24	29° 5	10°59	27°56	4°35	12°54	21°45	15°50	9°36	11°39	16°22	17°40	19°59	4°16	S 12
M13	3 28 35	20°43'54	11♑39	12°13	29° 9	5°18	12°58	21°47	15°53	9°35	11°41	16°23	17°37	20° 6	4°14	M13
T 14	3 32 32	21°44'26	24°28	13°25	0♑21	6° 2	13° 1	21°49	15°55	9°34	11°44	16°25	17°34	20°12	4°11	T 14
W15	3 36 28	22°45'00	7♒35	14°35	1°33	6°46	13° 4	21°51	15°57	9°33	11°46	16°26	17°30	20°19	4° 9	W15
T 16	3 40 25	23°45'34	21° 1	15°42	2°45	7°30	13° 6	21°53	16° 0	9°32	11°48	16°R27	17°27	20°26	4° 6	T 16
F 17	3 44 21	24°46'10	4♓48	16°47	3°57	8°14	13° 9	21°55	16° 2	9°31	11°51	16°27	17°24	20°32	4° 3	F 17
S 18	3 48 18	25°46'47	18°58	17°48	5° 9	8°58	13°11	21°57	16° 5	9°30	11°53	16°26	17°21	20°39	4° 1	S 18
S 19	3 52 15	26°47'25	3♈28	18°45	6°21	9°43	13°13	21°58	16° 7	9°29	11°56	16°23	17°18	20°46	3°58	S 19
M20	3 56 11	27°48'04	18°15	19°39	7°33	10°27	13°15	22° 0	16°10	9°28	11°58	16°21	17°15	20°53	3°55	M20
T 21	4 0 8	28°48'44	3♉12	20°28	8°45	11°11	13°17	22° 1	16°13	9°26	12° 0	16°19	17°11	20°59	3°52	T 21
W22	4 4 4	29°49'26	18°12	21°11	9°57	11°55	13°19	22° 3	16°15	9°25	12° 3	16°17	17° 8	21° 6	3°49	W22
T 23	4 8 1	0♐50'08	3♊ 5	21°48	11° 9	12°40	13°20	22° 4	16°18	9°24	12° 5	16°15	17° 5	21°13	3°46	T 23
F 24	4 11 57	1°50'53	17°44	22°19	12°21	13°24	13°21	22° 5	16°21	9°23	12° 7	16°D15	17° 2	21°19	3°43	F 24
S 25	4 15 54	2°51'38	2♋ 2	22°42	13°32	14° 9	13°22	22° 6	16°24	9°21	12°10	16°16	16°59	21°26	3°40	S 25
S 26	4 19 50	3°52'25	15°55	22°56	14°44	14°53	13°23	22° 7	16°27	9°20	12°12	16°16	16°56	21°33	3°36	S 26
M27	4 23 47	4°53'14	29°22	23°R 2	15°55	15°38	13°24	22° 7	16°29	9°19	12°14	16°18	16°52	21°39	3°33	M27
T 28	4 27 44	5°54'04	12♌24	22°57	17° 7	16°22	13°24	22° 8	16°32	9°17	12°16	16°19	16°49	21°46	3°30	T 28
W29	4 31 40	6°54'55	25° 3	22°42	18°18	17° 7	13°24	22° 8	16°35	9°16	12°19	16°19	16°46	21°53	3°26	W29
T 30	4 35 37	7♐55'48	7♍24	22♐16	19♑29	17♐52	13°R24	22♌ 9	16♑38	9♋15	12♏21	16°R19	16♊43	22♎ 0	3♋23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	14s24	20n 7	4n28	21s10	1s56	24s11	1s36	19s49	0s25	17n42	0n32	15n23	0n59	23s 1	0s26	22n11	0s56	0s44	15n11	22n50	22n57	3s15	16n47	6s36	
T 2	14 44	16 28	4 56	21 35	2 1	24 21	1 39	20 0	0 25	17 40	0 32	15 22	0 59	23 1	0 26	22 11	0 56	0 45	15 11	22 50	22 57	3 18	16 47	6 37	
F 3	15 3	12 12	5 9	21 59	2 6	24 31	1 41	20 10	0 26	17 39	0 32	15 21	1 0	23 0	0 26	22 11	0 56	0 46	15 11	22 50	22 57	3 21	16 46	6 38	
S 4	15 21	7 31	5 9	22 22	2 10	24 40	1 43	20 20	0 26	17 38	0 32	15 20	1 0	23 0	0 26	22 11	0 56	0 47	15 11	22 49	22 56	3 24	16 46	6 38	
S 5	15 40	2 36	4 56	22 43	2 14	24 49	1 45	20 30	0 27	17 37	0 33	15 19	1 0	23 0	0 26	22 11	0 56	0 47	15 11	22 49	22 56	3 27	16 45	6 39	
M 6	15 58	2s25	4 30	23 4	2 18	24 56	1 48	20 40	0 27	17 36	0 33	15 19	1 0	23 0	0 26	22 11	0 56	0 48	15 11	22 48	22 56	3 30	16 45	6 39	
T 7	16 16	7 22	3 52	23 23	2 22	25 3	1 50	20 50	0 28	17 35	0 33	15 18	1 0	22 59	0 26	22 11	0 56	0 49	15 11	22 48	22 55	3 33	16 44	6 40	
W 8	16 34	12 4	3 4	23 41	2 25	25 9	1 52	20 59	0 29	17 34	0 33	15 17	1 1	22 59	0 26	22 11	0 56	0 49	15 11	22 47	22 55	3 36	16 44	6 40	
T 9	16 51	16 21	2 7	23 58	2 28	25 15	1 54	21 9	0 29	17 33	0 33	15 17	1 1	22 59	0 26	22 11	0 56	0 50	15 11	22 47	22 55	3 39	16 43	6 41	
F 10	17 8	20 1	1 5	24 13	2 31	25 20	1 56	21 18	0 30	17 32	0 34	15 16	1 1	22 59	0 26	22 11	0 56	0 51	15 11	22 46	22 55	3 42	16 43	6 42	
S 11	17 25	22 50	0s 2	24 27	2 33	25 24	1 58	21 27	0 30	17 31	0 34	15 15	1 1	22 58	0 26	22 11	0 56	0 52	15 11	22 46	22 54	3 45	16 42	6 42	
S 12	17 41	24 38	1 9	24 40	2 34	25 27	2 0	21 35	0 31	17 30	0 34	15 15	1 1	22 58	0 26	22 11	0 56	0 52	15 11	22 46	22 54	3 47	16 42	6 43	
M13	17 58	25 12	2 15	24 51	2 35	25 30	2 1	21 44	0 31	17 30	0 34	15 14	1 2	22 58	0 26	22 11	0 56	0 53	15 11	22 47	22 54	3 50	16 41	6 43	
T 14	18 14	24 27	3 15	25 1	2 36	25 31	2 3	21 52	0 32	17 29	0 34	15 14	1 2	22 57	0 26	22 11	0 56	0 54	15 11	22 47	22 53	3 53	16 41	6 44	
W15	18 29	22 21	4 6	25 10	2 36	25 32	2 5	22 0	0 32	17 28	0 35	15 13	1 2	22 57	0 26	22 12	0 56	0 54	15 11	22 47	22 53	3 56	16 41	6 44	
T 16	18 44	19 0	4 45	25 16	2 35	25 33	2 6	22 8	0 33	17 28	0 35	15 13	1 2	22 57	0 26	22 12	0 56	0 55	15 11	22 47	22 53	3 59	16 40	6 45	
F 17	18 59	14 33	5 9	25 22	2 34	25 32	2 8	22 16	0 34	17 27	0 35	15 12	1 2	22 57	0 26	22 12	0 56	0 55	15 11	22 47	22 53	4 2	16 40	6 45	
S 18	19 14	9 12	5 15	25 26	2 31	25 31	2 9	22 23	0 34	17 27	0 35	15 12	1 3	22 56	0 26	22 12	0 56	0 56	15 11	22 47	22 52	4 5	16 39	6 46	
S 19	19 28	3 14	5 1	25 28	2 28	25 29	2 10	22 31	0 35	17 26	0 36	15 12	1 3	22 56	0 26	22 12	0 56	0 57	15 12	22 47	22 52	4 8	16 39	6 46	
M20	19 42	3n 2	4 28	25 28	2 25	25 27	2 11	22 38	0 35	17 26	0 36	15 11	1 3	22 56	0 26	22 12	0 56	0 57	15 12	22 46	22 52	4 11	16 39	6 47	
T 21	19 55	9 13	3 36	25 27	2 20	25 23	2 13	22 44	0 36	17 26	0 36	15 11	1 3	22 55	0 26	22 12	0 56	0 58	15 12	22 46	22 51	4 14	16 38	6 47	
W22	20 9	14 53	2 29	25 24	2 14	25 19	2 14	22 51	0 36	17 26	0 36	15 11	1 3	22 55	0 26	22 12	0 56	0 58	15 12	22 46	22 51	4 17	16 38	6 47	
T 23	20 21	19 37	1 12	25 20	2 7	25 14	2 15	22 57	0 37	17 25	0 36	15 11	1 4	22 55	0 26	22 12	0 56	0 59	15 12	22 46	22 51	4 20	16 37	6 48	
F 24	20 34	23 2	0n 8	25 13	1 58	25 9	2 15	23 3	0 37	17 25	0 37	15 11	1 4	22 54	0 26	22 12	0 56	0 59	15 12	22 46	22 50	4 23	16 37	6 48	
S 25	20 46	24 54	1 26	25 5	1 49	25 2	2 16	23 9	0 38	17 25	0 37	15 10	1 4	22 54	0 26	22 12	0 56	1 0	15 12	22 46	22 50	4 26	16 37	6 49	
S 26	20 57	25 7	2 37	24 55	1 38	24 55	2 17	23 15	0 38	17 25	0 37	15 10	1 4	22 53	0 26	22 12	0 56	1 1	15 12	22 46	22 50	4 29	16 36	6 49	
M27	21 8	23 51	3 37	24 43	1 25	24 48	2 17	23 20	0 39	17 25	0 37	15 10	1 4	22 53	0 26	22 12	0 56	1 1	15 12	22 46	22 49	4 32	16 36	6 50	
T 28	21 19	21 19	4 23	24 28	1 11	24 39	2 18	23 26	0 39	17 25	0 38	15 10	1 5	22 53	0 26	22 12	0 56	1 2	15 13	22 46	22 49	4 35	16 36	6 50	
W29	21 30	17 49	4 56	24 12	0 56	24 30	2 18	23 31	0 40	17 25	0 38	15 10	1 5	22 52	0 26	22 13	0 57	1 2	15 13	22 46	22 49	4 38	16 35	6 50	
T 30	21s40	13n39	5n13	23s54	0s39	24s20	2s19	23s35	0s40	17n26	0n38	15n10	1n 5	22s52	0s26	22n13	0s57	1s 3	15n13	22n46	22n49	4s41	16n35	6s51	

Julian Day Number = 2357251.5, Delta T = 13.72 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'10, Lahiri = 20°15'10Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1741
geocentric

DECEMBER 1741 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 39 33	8♐56'41	19♍30	21°R39	20♑41	18♐37	13°R24	22♌ 9	16♑41	9°R13	12♏23	16°R19	16♊40	22♎ 6	3°R20	F 1
S 2	4 43 30	9°57'37	1♎26	20♐50	21°52	19°22	13♌24	22° 9	16°44	9♋12	12°25	16♊19	16°36	22°13	3♋16	S 2
S 3	4 47 26	10°58'33	13°17	19°52	23° 3	20° 6	13°23	22°R 9	16°47	9°10	12°28	16°18	16°33	22°20	3°12	S 3
M 4	4 51 23	11°59'31	25° 8	18°44	24°14	20°51	13°22	22° 9	16°50	9° 9	12°30	16°17	16°30	22°26	3° 9	M 4
T 5	4 55 19	13° 0'30	7♏ 0	17°29	25°25	21°36	13°21	22° 9	16°53	9° 7	12°32	16°17	16°27	22°33	3° 5	T 5
W 6	4 59 16	14° 1'30	18°59	16° 8	26°35	22°22	13°20	22° 9	16°56	9° 6	12°34	16°17	16°24	22°40	3° 1	W 6
T 7	5 3 13	15° 2'31	1♐ 6	14°45	27°46	23° 7	13°19	22° 8	16°59	9° 4	12°36	16°16	16°21	22°46	2°58	T 7
F 8	5 7 9	16° 3'33	13°23	13°23	28°57	23°52	13°17	22° 8	17° 3	9° 3	12°38	16°16	16°17	22°53	2°54	F 8
S 9	5 11 6	17° 4'36	25°52	12° 4	0♒ 7	24°37	13°15	22° 7	17° 6	9° 1	12°41	16°16	16°14	23° 0	2°50	S 9
S 10	5 15 2	18° 5'39	8♑33	10°50	1°18	25°22	13°13	22° 7	17° 9	9° 0	12°43	16°16	16°11	23° 6	2°46	S 10
M11	5 18 59	19° 6'44	21°28	9°44	2°28	26° 8	13°11	22° 6	17°12	8°58	12°45	16°16	16° 8	23°13	2°42	M11
T 12	5 22 55	20° 7'49	4♒35	8°47	3°38	26°53	13° 9	22° 5	17°15	8°57	12°47	16°16	16° 5	23°20	2°38	T 12
W13	5 26 52	21° 8'54	17°56	8° 1	4°48	27°38	13° 6	22° 4	17°19	8°55	12°49	16°15	16° 2	23°27	2°34	W13
T 14	5 30 48	22°10'00	1♓31	7°26	5°58	28°24	13° 4	22° 3	17°22	8°54	12°51	16°15	15°58	23°33	2°31	T 14
F 15	5 34 45	23°11'05	15°19	7° 1	7° 8	29° 9	13° 1	22° 1	17°25	8°52	12°53	16°14	15°55	23°40	2°27	F 15
S 16	5 38 42	24°12'12	29°21	6°48	8°18	29°55	12°58	22° 0	17°29	8°50	12°55	16°D14	15°52	23°47	2°23	S 16
S 17	5 42 38	25°13'18	13♈34	6°D45	9°27	0♑41	12°54	21°58	17°32	8°49	12°57	16°15	15°49	23°53	2°19	S 17
M18	5 46 35	26°14'24	27°57	6°51	10°37	1°26	12°51	21°57	17°35	8°47	12°59	16°15	15°46	24° 0	2°14	M18
T 19	5 50 31	27°15'31	12♉26	7° 7	11°46	2°12	12°47	21°55	17°39	8°45	13° 1	16°16	15°42	24° 7	2°10	T 19
W20	5 54 28	28°16'38	26°57	7°30	12°55	2°58	12°43	21°53	17°42	8°44	13° 2	16°17	15°39	24°13	2° 6	W20
T 21	5 58 24	29°17'46	11♊25	8° 1	14° 4	3°43	12°39	21°51	17°46	8°42	13° 4	16°R18	15°36	24°20	2° 2	T 21
F 22	6 2 21	0♑18'53	25°45	8°38	15°13	4°29	12°35	21°49	17°49	8°40	13° 6	16°17	15°33	24°27	1°58	F 22
S 23	6 6 17	1°20'01	9♋51	9°21	16°22	5°15	12°31	21°47	17°52	8°39	13° 8	16°17	15°30	24°34	1°54	S 23
S 24	6 10 14	2°21'09	23°39	10°10	17°30	6° 1	12°26	21°45	17°56	8°37	13°10	16°15	15°27	24°40	1°50	S 24
M25	6 14 11	3°22'18	7♌ 5	11° 3	18°39	6°47	12°21	21°43	17°59	8°35	13°11	16°12	15°23	24°47	1°46	M25
T 26	6 18 7	4°23'26	20°10	12° 0	19°47	7°33	12°16	21°40	18° 3	8°34	13°13	16°10	15°20	24°54	1°42	T 26
W27	6 22 4	5°24'36	2♍54	13° 1	20°55	8°19	12°11	21°38	18° 6	8°32	13°15	16° 7	15°17	25° 0	1°38	W27
T 28	6 26 0	6°25'45	15°18	14° 5	22° 3	9° 5	12° 6	21°35	18°10	8°30	13°17	16° 5	15°14	25° 7	1°34	T 28
F 29	6 29 57	7°26'55	27°27	15°12	23°10	9°51	12° 1	21°32	18°13	8°29	13°18	16° 3	15°11	25°14	1°30	F 29
S 30	6 33 53	8°28'05	9♎25	16°21	24°18	10°37	11°55	21°30	18°17	8°27	13°20	16°D 3	15° 8	25°20	1°26	S 30
S 31	6 37 50	9♑29'15	21♎17	17♐32	25♒25	11♑23	11♌50	21♌27	18♑20	8♋25	13♏21	16♊ 3	15♊ 4	25♎27	1♋22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s49	9n 1	5n17	23s34	0s21	24s10	2s19	23s40	0s41	17n26	0n38	15n10	1n 5	22s52	0s26	22n13	0s57	1s 3	15n13	22n46	22n48	4s43	16n35	6s51
S 2	21 59	4 6	5 6	23 12	0 2	23 59	2 19	23 44	0 41	17 26	0 38	15 11	1 5	22 51	0 26	22 13	0 57	1 3	15 13	22 46	22 48	4 46	16 35	6 51
S 3	22 7	0s55	4 43	22 48	0n18	23 47	2 19	23 48	0 42	17 27	0 39	15 11	1 6	22 51	0 26	22 13	0 57	1 4	15 14	22 46	22 48	4 49	16 34	6 52
M 4	22 16	5 54	4 7	22 22	0 38	23 34	2 19	23 52	0 42	17 27	0 39	15 11	1 6	22 51	0 26	22 13	0 57	1 4	15 14	22 46	22 47	4 52	16 34	6 52
T 5	22 23	10 42	3 21	21 55	0 58	23 21	2 18	23 55	0 43	17 28	0 39	15 11	1 6	22 50	0 26	22 13	0 57	1 5	15 14	22 46	22 47	4 55	16 34	6 52
W 6	22 31	15 9	2 26	21 27	1 18	23 7	2 18	23 58	0 43	17 28	0 39	15 12	1 6	22 50	0 26	22 13	0 57	1 5	15 14	22 46	22 47	4 58	16 34	6 53
T 7	22 38	19 3	1 23	21 0	1 37	22 53	2 18	24 1	0 44	17 29	0 40	15 12	1 7	22 49	0 26	22 13	0 57	1 6	15 14	22 46	22 46	5 1	16 33	6 53
F 8	22 45	22 10	0 16	20 33	1 54	22 38	2 17	24 4	0 44	17 29	0 40	15 12	1 7	22 49	0 26	22 13	0 57	1 6	15 15	22 46	22 46	5 4	16 33	6 53
S 9	22 51	24 18	0s53	20 8	2 10	22 22	2 16	24 6	0 45	17 30	0 40	15 13	1 7	22 49	0 26	22 14	0 57	1 6	15 15	22 46	22 46	5 7	16 33	6 54
S 10	22 56	25 12	2 1	19 45	2 23	22 6	2 16	24 9	0 45	17 31	0 40	15 13	1 7	22 48	0 26	22 14	0 57	1 7	15 15	22 46	22 45	5 10	16 33	6 54
M11	23 2	24 46	3 3	19 24	2 34	21 49	2 15	24 11	0 46	17 32	0 40	15 14	1 7	22 48	0 26	22 14	0 57	1 7	15 15	22 46	22 45	5 13	16 33	6 54
T 12	23 6	22 59	3 57	19 7	2 43	21 32	2 14	24 12	0 46	17 33	0 41	15 14	1 8	22 47	0 26	22 14	0 57	1 7	15 16	22 46	22 45	5 16	16 33	6 54
W13	23 11	19 54	4 39	18 54	2 49	21 14	2 12	24 14	0 47	17 34	0 41	15 15	1 8	22 47	0 26	22 14	0 57	1 8	15 16	22 46	22 44	5 19	16 32	6 55
T 14	23 14	15 43	5 7	18 44	2 53	20 55	2 11	24 15	0 47	17 35	0 41	15 15	1 8	22 46	0 26	22 14	0 57	1 8	15 16	22 46	22 44	5 22	16 32	6 55
F 15	23 18	10 40	5 17	18 38	2 55	20 36	2 10	24 16	0 47	17 36	0 41	15 16	1 8	22 46	0 26	22 14	0 57	1 8	15 16	22 46	22 44	5 25	16 32	6 55
S 16	23 21	4 59	5 9	18 35	2 56	20 17	2 8	24 16	0 48	17 37	0 42	15 16	1 8	22 46	0 26	22 14	0 57	1 8	15 17	22 46	22 43	5 28	16 32	6 55
S 17	23 23	1n 2	4 42	18 36	2 55	19 57	2 7	24 17	0 48	17 38	0 42	15 17	1 9	22 45	0 26	22 14	0 57	1 9	15 17	22 46	22 43	5 31	16 32	6 55
M18	23 25	7 4	3 57	18 39	2 52	19 36	2 5	24 17	0 49	17 39	0 42	15 18	1 9	22 45	0 26	22 14	0 57	1 9	15 17	22 46	22 43	5 34	16 32	6 56
T 19	23 27	12 47	2 57	18 46	2 48	19 15	2 3	24 16	0 49	17 40	0 42	15 19	1 9	22 44	0 26	22 15	0 57	1 9	15 18	22 46	22 42	5 37	16 32	6 56
W20	23 28	17 48	1 45	18 54	2 44	18 54	2 1	24 16	0 50	17 42	0 42	15 19	1 9	22 44	0 26	22 15	0 57	1 9	15 18	22 46	22 42	5 40	16 32	6 56
T 21	23 28	21 44	0 27	19 5	2 38	18 32	1 59	24 15	0 50	17 43	0 43	15 20	1 9	22 43	0 26	22 15	0 57	1 10	15 18	22 46	22 42	5 43	16 32	6 56
F 22	23 28	24 16	0n52	19 17	2 32	18 9	1 57	24 14	0 50	17 44	0 43	15 21	1 10	22 43	0 26	22 15	0 57	1 10	15 19	22 46	22 41	5 45	16 31	6 56
S 23	23 28	25 13	2 7	19 30	2 25	17 46	1 54	24 13	0 51	17 46	0 43	15 22	1 10	22 42	0 26	22 15	0 57	1 10	15 19	22 46	22 41	5 48	16 31	6 56
S 24	23 27	24 33	3 12	19 44	2 18	17 23	1 52	24 11	0 51	17 47	0 43	15 23	1 10	22 42	0 26	22 15	0 57	1 10	15 19	22 46	22 41	5 51	16 31	6 56
M25	23 26	22 28	4 5	19 59	2 10	16 59	1 49	24 10	0 52	17 49	0 44	15 24	1 10	22 42	0 26	22 15	0 57	1 10	15 20	22 45	22 40	5 54	16 31	6 56
T 26	23 24	19 16	4 44	20 15	2 2	16 35	1 47	24 7	0 52	17 50	0 44	15 25	1 10	22 41	0 26	22 15	0 57	1 11	15 20	22 45	22 40	5 57	16 31	6 56
W27	23 22	15 13	5 7	20 31	1 54	16 11	1 44	24 5	0 52	17 52	0 44	15 26	1 11	22 41	0 26	22 16	0 57	1 11	15 20	22 45	22 40	6 0	16 31	6 57
T 28	23 19	10 38	5 15	20 47	1 45	15 46	1 41	24 2	0 53	17 54	0 44	15 27	1 11	22 40	0 26	22 16	0 56	1 11	15 21	22 45	22 39	6 3	16 31	6 57
F 29	23 16	5 44	5 9	21 3	1 37	15 21	1 38	23 59	0 53	17 55	0 44	15 28	1 11	22 40	0 26	22 16	0 56	1 11	15 21	22 45	22 39	6 6	16 31	6 57
S 30	23 12	0 42	4 50	21 19	1 28	14 55	1 34	23 56	0 54	17 57	0 45	15 29	1 11	22 39	0 26	22 16	0 56	1 11	15 21	22 44	22 39	6 9	16 31	6 57
S 31	23s 8	4s20	4n18	21s34	1n20	14s30	1s31	23s53	0s54	17n59	0n45	15n30	1n11	22s39	0s26	22n16	0s56	1s11	15n22	22n45	22n38	6s12	16n31	6s57

Julian Day Number = 2357281.5, Delta T = 13.74 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'14, Lahiri = 20°15'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1742
geocentric

JANUARY 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 41 47	10♑30'25	3♏ 7	18♐46	26♒32	12♑10	11°R44	21°R24	18♑24	8°R23	13♏23	16♊ 5	15♊ 1	25♎34	1°R18	M 1
T 2	6 45 43	11°31'36	15° 1	20° 1	27°38	12°56	11♌38	21♌21	18°27	8♋22	13°24	16° 7	14°58	25°40	1♋14	T 2
W 3	6 49 40	12°32'47	27° 2	21°18	28°45	13°42	11°32	21°17	18°31	8°20	13°26	16° 8	14°55	25°47	1°10	W 3
T 4	6 53 36	13°33'58	9♐16	22°37	29°51	14°29	11°25	21°14	18°34	8°18	13°27	16°10	14°52	25°54	1° 6	T 4
F 5	6 57 33	14°35'09	21°44	23°56	0♓57	15°15	11°19	21°11	18°38	8°17	13°29	16°R10	14°48	26° 1	1° 2	F 5
S 6	7 1 29	15°36'20	4♑29	25°17	2° 3	16° 1	11°13	21° 7	18°42	8°15	13°30	16° 8	14°45	26° 7	0°58	S 6
S 7	7 5 26	16°37'31	17°32	26°39	3° 9	16°48	11° 6	21° 4	18°45	8°13	13°32	16° 5	14°42	26°14	0°54	S 7
M 8	7 9 22	17°38'41	0♒51	28° 2	4°14	17°34	10°59	21° 0	18°49	8°12	13°33	16° 1	14°39	26°21	0°50	M 8
T 9	7 13 19	18°39'51	14°25	29°26	5°19	18°21	10°52	20°57	18°52	8°10	13°34	15°56	14°36	26°27	0°46	T 9
W10	7 17 16	19°41'00	28°13	0♑51	6°24	19° 7	10°45	20°53	18°56	8° 8	13°36	15°50	14°33	26°34	0°42	W10
T 11	7 21 12	20°42'09	12♓ 9	2°17	7°28	19°54	10°38	20°49	18°59	8° 7	13°37	15°45	14°29	26°41	0°39	T 11
F 12	7 25 9	21°43'17	26°12	3°43	8°32	20°41	10°31	20°45	19° 3	8° 5	13°38	15°41	14°26	26°47	0°35	F 12
S 13	7 29 5	22°44'24	10♈19	5°10	9°36	21°27	10°24	20°41	19° 6	8° 3	13°39	15°38	14°23	26°54	0°31	S 13
S 14	7 33 2	23°45'30	24°28	6°38	10°40	22°14	10°16	20°37	19°10	8° 2	13°40	15°D38	14°20	27° 1	0°28	S 14
M15	7 36 58	24°46'36	8♉36	8° 6	11°43	23° 1	10° 9	20°33	19°14	8° 0	13°42	15°38	14°17	27° 7	0°24	M15
T 16	7 40 55	25°47'40	22°43	9°35	12°46	23°47	10° 1	20°29	19°17	7°58	13°43	15°40	14°14	27°14	0°20	T 16
W17	7 44 51	26°48'44	6♊46	11° 5	13°48	24°34	9°54	20°25	19°21	7°57	13°44	15°41	14°10	27°21	0°17	W17
T 18	7 48 48	27°49'47	20°45	12°35	14°50	25°21	9°46	20°20	19°24	7°55	13°45	15°R41	14° 7	27°27	0°13	T 18
F 19	7 52 45	28°50'49	4♋36	14° 6	15°52	26° 8	9°39	20°16	19°28	7°54	13°46	15°40	14° 4	27°34	0°10	F 19
S 20	7 56 41	29°51'50	18°18	15°38	16°53	26°55	9°31	20°12	19°31	7°52	13°47	15°36	14° 1	27°41	0° 7	S 20
S 21	8 0 38	0♒52'50	1♌47	17°10	17°54	27°41	9°23	20° 7	19°35	7°51	13°48	15°30	13°58	27°48	0° 3	S 21
M22	8 4 34	1°53'50	15° 2	18°43	18°54	28°28	9°15	20° 3	19°38	7°49	13°49	15°22	13°54	27°54	0° 0	M22
T 23	8 8 31	2°54'48	27°59	20°17	19°54	29°15	9° 7	19°58	19°42	7°48	13°49	15°13	13°51	28° 1	29♊57	T 23
W24	8 12 27	3°55'46	10♍40	21°51	20°54	0♒ 2	8°59	19°54	19°45	7°46	13°50	15° 4	13°48	28° 8	29°54	W24
T 25	8 16 24	4°56'43	23° 4	23°25	21°53	0°49	8°51	19°49	19°49	7°45	13°51	14°56	13°45	28°14	29°51	T 25
F 26	8 20 20	5°57'39	5♎13	25° 1	22°51	1°36	8°43	19°44	19°52	7°43	13°52	14°49	13°42	28°21	29°48	F 26
S 27	8 24 17	6°58'34	17°12	26°37	23°49	2°23	8°35	19°40	19°56	7°42	13°52	14°45	13°39	28°28	29°45	S 27
S 28	8 28 14	7°59'29	29° 3	28°14	24°46	3°10	8°27	19°35	19°59	7°40	13°53	14°42	13°35	28°34	29°42	S 28
M29	8 32 10	9° 0'23	10♏53	29°51	25°43	3°57	8°19	19°30	20° 2	7°39	13°54	14°D42	13°32	28°41	29°39	M29
T 30	8 36 7	10° 1'16	22°46	1♒30	26°40	4°44	8°11	19°26	20° 6	7°38	13°54	14°42	13°29	28°48	29°36	T 30
W31	8 40 3	11♒ 2'08	4♐47	3♒ 8	27♓35	5♒31	8♌ 3	19♌21	20♑ 9	7♋36	13♏55	14♊43	13♊26	28♎54	29♊34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 3	9s12	3n35	21s49	1n11	14s 4	1s27	23s49	0s54	18n 1	0n45	15n31	1n12	22s38	0s26	22n16	0s56	1s11	15n22	22n45	22n38	6s15	16n31	6s57
T 2	22 58	13 46	2 43	22 4	1 2	13 37	1 24	23 45	0 55	18 3	0 45	15 32	1 12	22 38	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 18	16 32	6 57
W 3	22 53	17 51	1 43	22 17	0 54	13 11	1 20	23 41	0 55	18 5	0 45	15 34	1 12	22 37	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 21	16 32	6 57
T 4	22 47	21 15	0 38	22 31	0 45	12 44	1 16	23 36	0 55	18 6	0 46	15 35	1 12	22 37	0 26	22 16	0 56	1 11	15 23	22 45	22 37	6 24	16 32	6 56
F 5	22 40	23 43	0s31	22 43	0 37	12 16	1 12	23 31	0 56	18 8	0 46	15 36	1 12	22 36	0 26	22 17	0 56	1 11	15 24	22 45	22 36	6 27	16 32	6 56
S 6	22 34	25 3	1 39	22 55	0 29	11 49	1 8	23 26	0 56	18 10	0 46	15 37	1 12	22 36	0 26	22 17	0 56	1 11	15 24	22 45	22 36	6 30	16 32	6 56
S 7	22 26	25 1	2 43	23 5	0 21	11 21	1 4	23 21	0 56	18 12	0 46	15 39	1 13	22 35	0 26	22 17	0 56	1 11	15 25	22 45	22 36	6 33	16 32	6 56
M 8	22 18	23 35	3 40	23 15	0 12	10 53	0 59	23 15	0 57	18 14	0 46	15 40	1 13	22 35	0 26	22 17	0 56	1 11	15 25	22 44	22 35	6 36	16 32	6 56
T 9	22 10	20 46	4 26	23 24	0 5	10 25	0 55	23 9	0 57	18 17	0 47	15 41	1 13	22 34	0 26	22 17	0 56	1 11	15 25	22 44	22 35	6 39	16 32	6 56
W10	22 2	16 45	4 57	23 31	0s 3	9 57	0 50	23 3	0 57	18 19	0 47	15 43	1 13	22 34	0 26	22 17	0 56	1 11	15 26	22 43	22 35	6 41	16 32	6 56
T 11	21 53	11 47	5 11	23 38	0 11	9 29	0 45	22 57	0 58	18 21	0 47	15 44	1 13	22 33	0 26	22 17	0 56	1 11	15 26	22 43	22 34	6 44	16 32	6 56
F 12	21 43	6 11	5 6	23 44	0 18	9 0	0 40	22 50	0 58	18 23	0 47	15 45	1 13	22 33	0 26	22 17	0 56	1 11	15 27	22 42	22 34	6 47	16 33	6 56
S 13	21 33	0 15	4 43	23 48	0 25	8 31	0 35	22 43	0 58	18 25	0 47	15 47	1 14	22 32	0 26	22 18	0 56	1 11	15 27	22 42	22 33	6 50	16 33	6 56
S 14	21 23	5n44	4 3	23 51	0 33	8 2	0 30	22 36	0 59	18 27	0 47	15 48	1 14	22 32	0 26	22 18	0 56	1 11	15 28	22 42	22 33	6 53	16 33	6 55
M15	21 12	11 25	3 8	23 53	0 39	7 34	0 25	22 29	0 59	18 29	0 48	15 50	1 14	22 31	0 26	22 18	0 56	1 11	15 28	22 42	22 33	6 56	16 33	6 55
T 16	21 1	16 31	2 2	23 54	0 46	7 4	0 19	22 21	0 59	18 32	0 48	15 51	1 14	22 31	0 26	22 18	0 56	1 11	15 29	22 42	22 32	6 59	16 33	6 55
W17	20 49	20 41	0 48	23 53	0 53	6 35	0 14	22 13	0 59	18 34	0 48	15 53	1 14	22 30	0 26	22 18	0 56	1 10	15 29	22 42	22 32	7 2	16 34	6 55
T 18	20 38	23 36	0n27	23 51	0 59	6 6	0 8	22 5	1 0	18 36	0 48	15 54	1 14	22 30	0 26	22 18	0 56	1 10	15 30	22 42	22 32	7 5	16 34	6 55
F 19	20 25	25 4	1 41	23 48	1 5	5 37	0 2	21 56	1 0	18 38	0 48	15 56	1 15	22 29	0 26	22 18	0 56	1 10	15 30	22 42	22 31	7 8	16 34	6 54
S 20	20 12	24 59	2 47	23 44	1 11	5 8	0n 4	21 47	1 0	18 40	0 48	15 57	1 15	22 29	0 26	22 18	0 56	1 10	15 30	22 42	22 31	7 11	16 34	6 54
S 21	19 59	23 25	3 43	23 38	1 16	4 38	0 10	21 39	1 1	18 43	0 48	15 59	1 15	22 28	0 26	22 18	0 56	1 10	15 31	22 41	22 31	7 14	16 34	6 54
M22	19 46	20 35	4 26	23 31	1 22	4 9	0 16	21 29	1 1	18 45	0 49	16 0	1 15	22 28	0 26	22 19	0 56	1 9	15 31	22 40	22 30	7 17	16 35	6 54
T 23	19 32	16 46	4 53	23 22	1 27	3 39	0 23	21 20	1 1	18 47	0 49	16 2	1 15	22 27	0 26	22 19	0 56	1 9	15 32	22 39	22 30	7 20	16 35	6 53
W24	19 18	12 18	5 6	23 12	1 31	3 10	0 29	21 10	1 1	18 49	0 49	16 4	1 15	22 27	0 26	22 19	0 56	1 9	15 32	22 38	22 29	7 23	16 35	6 53
T 25	19 3	7 24	5 4	23 1	1 36	2 41	0 36	21 0	1 2	18 52	0 49	16 5	1 15	22 26	0 26	22 19	0 56	1 9	15 33	22 37	22 29	7 26	16 36	6 53
F 26	18 49	2 20	4 48	22 48	1 40	2 12	0 42	20 50	1 2	18 54	0 49	16 7	1 16	22 26	0 26	22 19	0 56	1 9	15 33	22 36	22 29	7 29	16 36	6 53
S 27	18 33	2s46	4 20	22 34	1 44	1 42	0 49	20 40	1 2	18 56	0 49	16 8	1 16	22 26	0 26	22 19	0 56	1 8	15 34	22 36	22 28	7 32	16 36	6 52
S 28	18 18	7 43	3 40	22 18	1 48	1 13	0 56	20 29	1 2	18 58	0 49	16 10	1 16	22 25	0 26	22 19	0 56	1 8	15 34	22 36	22 28	7 34	16 36	6 52
M29	18 2	12 24	2 51	22 1	1 51	0 44	1 3	20 18	1 2	19 0	0 50	16 12	1 16	22 25	0 26	22 19	0 56	1 8	15 35	22 36	22 27	7 37	16 37	6 52
T 30	17 46	16 38	1 55	21 42	1 54	0 15	1 11	20 7	1 3	19 3	0 50	16 13	1 16	22 24	0 26	22 19	0 56	1 7	15 35	22 36	22 27	7 40	16 37	6 51
W31	17s29	20s15	0n53	21s22	1s57	0n14	1n18	19s56	1s 3	19n 5	0n50	16n15	1n16	22s24	0s26	22n20	0s56	1s 7	15n36	22n36	22n27	7s43	16n37	6s51

Julian Day Number = 2357312.5, Delta T = 13.77 sec
Ecliptic obliquity = 23°28'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'18, Lahiri = 20°15'19Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1742
geocentric

FEBRUARY 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 0	12♒ 2'59	17♐ 3	4♒48	28♓31	6♒18	7°R55	19°R16	20♑13	7°R35	13♏55	14°R44	13♊23	29♎ 1	29°R31	T 1
F 2	8 47 56	13° 3'50	29°36	6°29	29°25	7° 5	7♌47	19♌11	20°16	7♋33	13°56	14♊43	13°20	29° 8	29♊28	F 2
S 3	8 51 53	14° 4'39	12♑31	8°10	0♈19	7°53	7°39	19° 6	20°19	7°32	13°56	14°39	13°16	29°14	29°26	S 3
S 4	8 55 49	15° 5'27	25°49	9°52	1°12	8°40	7°32	19° 1	20°23	7°31	13°57	14°33	13°13	29°21	29°24	S 4
M 5	8 59 46	16° 6'14	9♒29	11°35	2° 5	9°27	7°24	18°57	20°26	7°30	13°57	14°25	13°10	29°28	29°21	M 5
T 6	9 3 43	17° 7'00	23°30	13°18	2°56	10°14	7°16	18°52	20°29	7°28	13°58	14°14	13° 7	29°34	29°19	T 6
W 7	9 7 39	18° 7'45	7♓47	15° 2	3°47	11° 1	7° 8	18°47	20°32	7°27	13°58	14° 4	13° 4	29°41	29°17	W 7
T 8	9 11 36	19° 8'28	22°12	16°48	4°37	11°49	7° 0	18°42	20°36	7°26	13°58	13°53	13° 0	29°48	29°15	T 8
F 9	9 15 32	20° 9'09	6♈41	18°34	5°27	12°36	6°53	18°37	20°39	7°25	13°58	13°45	12°57	29°55	29°13	F 9
S 10	9 19 29	21° 9'48	21° 7	20°21	6°15	13°23	6°45	18°32	20°42	7°24	13°59	13°39	12°54	0♏ 1	29°11	S 10
S 11	9 23 25	22°10'26	5♉25	22° 8	7° 3	14°10	6°38	18°27	20°45	7°23	13°59	13°36	12°51	0° 8	29° 9	S 11
M12	9 27 22	23°11'02	19°34	23°57	7°50	14°57	6°30	18°22	20°48	7°21	13°59	13°D34	12°48	0°15	29° 7	M12
T 13	9 31 18	24°11'37	3♊32	25°46	8°35	15°45	6°23	18°18	20°52	7°20	13°59	13°35	12°45	0°21	29° 5	T 13
W14	9 35 15	25°12'10	17°19	27°36	9°20	16°32	6°16	18°13	20°55	7°19	13°59	13°R35	12°41	0°28	29° 4	W14
T 15	9 39 12	26°12'40	0♋56	29°27	10° 4	17°19	6° 9	18° 8	20°58	7°18	13°R59	13°34	12°38	0°35	29° 2	T 15
F 16	9 43 8	27°13'09	14°22	1♓18	10°46	18° 7	6° 2	18° 3	21° 1	7°17	13°59	13°30	12°35	0°41	29° 1	F 16
S 17	9 47 5	28°13'36	27°38	3°10	11°28	18°54	5°55	17°58	21° 4	7°16	13°59	13°24	12°32	0°48	28°59	S 17
S 18	9 51 1	29°14'02	10♌44	5° 2	12° 8	19°41	5°48	17°54	21° 7	7°16	13°59	13°14	12°29	0°55	28°58	S 18
M19	9 54 58	0♓14'25	23°38	6°55	12°47	20°28	5°41	17°49	21°10	7°15	13°59	13° 3	12°26	1° 1	28°57	M19
T 20	9 58 54	1°14'47	6♍20	8°48	13°25	21°16	5°35	17°44	21°13	7°14	13°59	12°49	12°22	1° 8	28°56	T 20
W21	10 2 51	2°15'07	18°50	10°41	14° 1	22° 3	5°28	17°40	21°16	7°13	13°59	12°35	12°19	1°15	28°55	W21
T 22	10 6 47	3°15'26	1♎ 7	12°34	14°36	22°50	5°22	17°35	21°18	7°12	13°58	12°22	12°16	1°21	28°54	T 22
F 23	10 10 44	4°15'43	13°12	14°27	15°10	23°38	5°15	17°30	21°21	7°11	13°58	12°11	12°13	1°28	28°53	F 23
S 24	10 14 41	5°15'58	25° 9	16°19	15°42	24°25	5° 9	17°26	21°24	7°11	13°58	12° 3	12°10	1°35	28°52	S 24
S 25	10 18 37	6°16'12	6♏59	18°10	16°13	25°12	5° 3	17°21	21°27	7°10	13°58	11°57	12° 6	1°41	28°52	S 25
M26	10 22 34	7°16'24	18°47	20° 0	16°42	25°59	4°58	17°17	21°30	7° 9	13°57	11°54	12° 3	1°48	28°51	M26
T 27	10 26 30	8°16'34	0♐38	21°48	17° 9	26°47	4°52	17°13	21°32	7° 9	13°57	11°53	12° 0	1°55	28°51	T 27
W28	10 30 27	9♓16'44	12♐38	23♓34	17♈35	27♒34	4♌46	17♌ 8	21♑35	7♋ 8	13♏56	11♊53	11♊57	2♏ 1	28♊50	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s12	23s 3	0s12	21s 1	1s59	0n43	1n25	19s44	1s 3	19n 7	0n50	16n16	1n16	22s23	0s26	22n20	0s56	1s 7	15n36	22n36	22n26	7s46	16n38	6s51
F 2	16 55	24 47	1 19	20 38	2 1	1 11	1 33	19 33	1 3	19 9	0 50	16 18	1 16	22 23	0 26	22 20	0 56	1 6	15 37	22 36	22 26	7 49	16 38	6 50
S 3	16 38	25 15	2 23	20 13	2 2	1 40	1 40	19 21	1 3	19 11	0 50	16 20	1 17	22 22	0 26	22 20	0 56	1 6	15 37	22 35	22 25	7 52	16 38	6 50
S 4	16 20	24 18	3 21	19 47	2 4	2 8	1 48	19 9	1 4	19 13	0 50	16 21	1 17	22 22	0 26	22 20	0 56	1 6	15 38	22 35	22 25	7 55	16 39	6 50
M 5	16 2	21 54	4 9	19 20	2 5	2 36	1 56	18 56	1 4	19 15	0 50	16 23	1 17	22 21	0 26	22 20	0 56	1 5	15 38	22 34	22 25	7 58	16 39	6 49
T 6	15 44	18 10	4 44	18 51	2 5	3 4	2 4	18 44	1 4	19 18	0 50	16 25	1 17	22 21	0 26	22 20	0 56	1 5	15 39	22 32	22 24	8 1	16 39	6 49
W 7	15 25	13 19	5 1	18 20	2 5	3 32	2 12	18 31	1 4	19 20	0 50	16 26	1 17	22 20	0 26	22 20	0 56	1 5	15 39	22 31	22 24	8 4	16 40	6 48
T 8	15 6	7 41	5 0	17 48	2 4	3 59	2 21	18 18	1 4	19 22	0 50	16 28	1 17	22 20	0 26	22 20	0 56	1 4	15 40	22 30	22 24	8 7	16 40	6 48
F 9	14 47	1 37	4 39	17 15	2 4	4 27	2 29	18 5	1 4	19 24	0 51	16 29	1 17	22 19	0 26	22 20	0 56	1 4	15 40	22 29	22 23	8 10	16 41	6 48
S 10	14 28	4n31	4 1	16 39	2 2	4 54	2 37	17 51	1 4	19 26	0 51	16 31	1 17	22 19	0 26	22 21	0 56	1 3	15 41	22 28	22 23	8 13	16 41	6 47
S 11	14 8	10 24	3 8	16 3	2 0	5 20	2 46	17 38	1 5	19 28	0 51	16 33	1 17	22 18	0 26	22 21	0 56	1 3	15 41	22 28	22 22	8 16	16 41	6 47
M12	13 49	15 40	2 4	15 25	1 58	5 47	2 54	17 24	1 5	19 30	0 51	16 34	1 17	22 18	0 27	22 21	0 55	1 3	15 42	22 28	22 22	8 18	16 42	6 46
T 13	13 29	20 1	0 53	14 45	1 55	6 13	3 3	17 10	1 5	19 31	0 51	16 36	1 17	22 17	0 27	22 21	0 55	1 2	15 42	22 28	22 21	8 21	16 42	6 46
W14	13 8	23 12	0n20	14 4	1 52	6 39	3 12	16 56	1 5	19 33	0 51	16 37	1 18	22 17	0 27	22 21	0 55	1 2	15 43	22 28	22 21	8 24	16 43	6 46
T 15	12 48	24 59	1 31	13 22	1 48	7 4	3 21	16 42	1 5	19 35	0 51	16 39	1 18	22 16	0 27	22 21	0 55	1 1	15 43	22 28	22 21	8 27	16 43	6 45
F 16	12 27	25 16	2 35	12 38	1 43	7 29	3 30	16 27	1 5	19 37	0 51	16 40	1 18	22 16	0 27	22 21	0 55	1 1	15 44	22 27	22 20	8 30	16 44	6 45
S 17	12 6	24 6	3 31	11 53	1 38	7 54	3 39	16 13	1 5	19 39	0 51	16 42	1 18	22 16	0 27	22 21	0 55	1 0	15 44	22 26	22 20	8 33	16 44	6 44
S 18	11 45	21 38	4 14	11 7	1 32	8 18	3 48	15 58	1 5	19 40	0 51	16 43	1 18	22 15	0 27	22 21	0 55	1 0	15 44	22 25	22 19	8 36	16 44	6 44
M19	11 24	18 7	4 43	10 19	1 26	8 42	3 57	15 43	1 5	19 42	0 51	16 45	1 18	22 15	0 27	22 21	0 55	0 59	15 45	22 24	22 19	8 39	16 45	6 43
T 20	11 3	13 49	4 58	9 30	1 19	9 5	4 6	15 28	1 5	19 44	0 51	16 46	1 18	22 14	0 27	22 21	0 55	0 59	15 45	22 22	22 19	8 42	16 45	6 43
W21	10 41	9 0	4 58	8 40	1 11	9 28	4 16	15 13	1 5	19 45	0 51	16 48	1 18	22 14	0 27	22 22	0 55	0 58	15 46	22 20	22 18	8 45	16 46	6 42
T 22	10 20	3 54	4 45	7 50	1 3	9 50	4 25	14 57	1 6	19 47	0 51	16 49	1 18	22 13	0 27	22 22	0 55	0 58	15 46	22 19	22 18	8 48	16 46	6 42
F 23	9 58	1s15	4 18	6 58	0 54	10 12	4 35	14 42	1 6	19 49	0 51	16 51	1 18	22 13	0 27	22 22	0 55	0 57	15 47	22 17	22 17	8 51	16 47	6 41
S 24	9 36	6 19	3 40	6 6	0 45	10 33	4 44	14 26	1 6	19 50	0 51	16 52	1 18	22 13	0 27	22 22	0 55	0 57	15 47	22 16	22 17	8 54	16 47	6 41
S 25	9 13	11 8	2 53	5 13	0 35	10 54	4 53	14 10	1 6	19 52	0 51	16 54	1 18	22 12	0 27	22 22	0 55	0 56	15 48	22 15	22 17	8 57	16 48	6 40
M26	8 51	15 32	1 59	4 20	0 24	11 14	5 3	13 54	1 6	19 53	0 51	16 55	1 18	22 12	0 27	22 22	0 55	0 56	15 48	22 15	22 16	8 59	16 48	6 40
T 27	8 29	19 21	0 59	3 27	0 13	11 33	5 12	13 38	1 6	19 54	0 51	16 57	1 18	22 11	0 27	22 22	0 55	0 55	15 49	22 15	22 16	9 2	16 49	6 39
W28	8s 6	22s25	0s 4	2s35	0s 1	11n52	5n22	13s22	1s 6	19n56	0n51	16n58	1n18	22s11	0s27	22n22	0s55	0s55	15n49	22n15	22n15	9s 5	16n49	6s39

Julian Day Number = 2357343.5, Delta T = 13.79 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'23, Lahiri = 20°15'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1742
geocentric

MARCH 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 23	10♓16'51	24♐51	25♓17	17♈59	28♒21	4°R41	17°R 4	21♑38	7°R 7	13°R56	11°R53	11♊54	2♏ 8	28°R50	T 1
F 2	10 38 20	11°16'57	7♑23	26°58	18°21	29° 9	4♌36	17♌ 0	21°40	7♋ 7	13♏55	11♊51	11°51	2°15	28♊50	F 2
S 3	10 42 16	12°17'02	20°20	28°35	18°41	29°56	4°31	16°56	21°43	7° 6	13°55	11°47	11°47	2°21	28°50	S 3
S 4	10 46 13	13°17'05	3♒43	0♈ 8	18°59	0♓43	4°26	16°51	21°45	7° 6	13°54	11°40	11°44	2°28	28°D50	S 4
M 5	10 50 10	14°17'06	17°33	1°36	19°16	1°31	4°21	16°47	21°48	7° 5	13°54	11°31	11°41	2°35	28°50	M 5
T 6	10 54 6	15°17'05	1♓50	2°59	19°30	2°18	4°17	16°43	21°50	7° 5	13°53	11°20	11°38	2°41	28°50	T 6
W 7	10 58 3	16°17'02	16°27	4°16	19°42	3° 5	4°12	16°39	21°53	7° 4	13°52	11° 8	11°35	2°48	28°50	W 7
T 8	11 1 59	17°16'57	1♈18	5°27	19°52	3°52	4° 8	16°36	21°55	7° 4	13°52	10°56	11°31	2°55	28°50	T 8
F 9	11 5 56	18°16'51	16°13	6°31	19°59	4°40	4° 4	16°32	21°57	7° 4	13°51	10°47	11°28	3° 2	28°51	F 9
S 10	11 9 52	19°16'42	1♉ 3	7°28	20° 5	5°27	4° 0	16°28	22° 0	7° 3	13°50	10°39	11°25	3° 8	28°51	S 10
S 11	11 13 49	20°16'31	15°42	8°18	20° 8	6°14	3°56	16°24	22° 2	7° 3	13°49	10°35	11°22	3°15	28°52	S 11
M12	11 17 45	21°16'18	0♊ 5	9° 0	20°R 8	7° 1	3°53	16°21	22° 4	7° 3	13°49	10°33	11°19	3°22	28°52	M12
T 13	11 21 42	22°16'02	14° 8	9°34	20° 6	7°48	3°50	16°17	22° 6	7° 3	13°48	10°D33	11°16	3°28	28°53	T 13
W14	11 25 39	23°15'45	27°53	9°59	20° 2	8°36	3°46	16°14	22° 9	7° 3	13°47	10°R33	11°12	3°35	28°54	W14
T 15	11 29 35	24°15'25	11♋21	10°16	19°55	9°23	3°43	16°11	22°11	7° 2	13°46	10°32	11° 9	3°42	28°55	T 15
F 16	11 33 32	25°15'02	24°33	10°25	19°46	10°10	3°41	16° 7	22°13	7° 2	13°45	10°29	11° 6	3°48	28°56	F 16
S 17	11 37 28	26°14'38	7♌31	10°R26	19°34	10°57	3°38	16° 4	22°15	7° 2	13°44	10°23	11° 3	3°55	28°57	S 17
S 18	11 41 25	27°14'11	20°17	10°19	19°19	11°44	3°36	16° 1	22°17	7°D 2	13°43	10°14	11° 0	4° 2	28°58	S 18
M19	11 45 21	28°13'42	2♍52	10° 4	19° 2	12°31	3°34	15°58	22°19	7° 2	13°42	10° 3	10°57	4° 8	29° 0	M19
T 20	11 49 18	29°13'10	15°16	9°42	18°43	13°18	3°32	15°55	22°21	7° 2	13°41	9°51	10°53	4°15	29° 1	T 20
W21	11 53 14	0♈12'37	27°32	9°13	18°21	14° 5	3°30	15°53	22°22	7° 2	13°40	9°38	10°50	4°22	29° 3	W21
T 22	11 57 11	1°12'01	9♎38	8°39	17°57	14°52	3°28	15°50	22°24	7° 3	13°39	9°26	10°47	4°28	29° 4	T 22
F 23	12 1 7	2°11'24	21°37	7°59	17°31	15°39	3°27	15°47	22°26	7° 3	13°38	9°15	10°44	4°35	29° 6	F 23
S 24	12 5 4	3°10'44	3♏29	7°15	17° 3	16°26	3°25	15°45	22°28	7° 3	13°37	9° 7	10°41	4°42	29° 8	S 24
S 25	12 9 1	4°10'03	15°18	6°28	16°33	17°13	3°24	15°42	22°29	7° 3	13°35	9° 1	10°37	4°48	29° 9	S 25
M26	12 12 57	5° 9'19	27° 6	5°39	16° 2	18° 0	3°23	15°40	22°31	7° 3	13°34	8°59	10°34	4°55	29°11	M26
T 27	12 16 54	6° 8'34	8♐57	4°48	15°28	18°47	3°23	15°38	22°33	7° 4	13°33	8°D58	10°31	5° 2	29°13	T 27
W28	12 20 50	7° 7'47	20°55	3°57	14°54	19°34	3°22	15°36	22°34	7° 4	13°32	8°58	10°28	5° 8	29°15	W28
T 29	12 24 47	8° 6'59	3♑ 7	3° 8	14°18	20°21	3°22	15°34	22°36	7° 4	13°31	8°R59	10°25	5°15	29°18	T 29
F 30	12 28 43	9° 6'08	15°36	2°20	13°41	21° 8	3°D22	15°32	22°37	7° 5	13°29	8°59	10°22	5°22	29°20	F 30
S 31	12 32 40	10♈ 5'16	28♑29	1♈34	13♈ 4	21♓55	3♌22	15♌30	22♑38	7♋ 5	13♏28	8♊57	10♊18	5♏28	29♊22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s43	24s30	1s 8	1s42	0n11	12n10	5n31	13s 5	1s 6	19n57	0n51	16n59	1n18	22s11	0s27	22n22	0s55	0s54	15n50	22n15	22n15	9s 8	16n50	6s39
F 2	7 21	25 26	2 11	0 51	0 24	12 27	5 41	12 49	1 6	19 58	0 51	17 1	1 18	22 10	0 27	22 22	0 55	0 54	15 50	22 14	22 14	9 11	16 50	6 38
S 3	6 58	25 2	3 8	0n 0	0 37	12 43	5 50	12 32	1 6	19 59	0 51	17 2	1 18	22 10	0 27	22 22	0 55	0 53	15 50	22 14	22 14	9 14	16 51	6 38
S 4	6 35	23 12	3 58	0 49	0 50	12 59	5 59	12 15	1 6	20 1	0 51	17 3	1 18	22 9	0 27	22 22	0 55	0 52	15 51	22 13	22 14	9 17	16 51	6 37
M 5	6 12	19 57	4 35	1 37	1 4	13 13	6 8	11 58	1 6	20 2	0 51	17 4	1 18	22 9	0 27	22 22	0 55	0 52	15 51	22 12	22 13	9 20	16 52	6 37
T 6	5 48	15 27	4 56	2 22	1 18	13 27	6 18	11 41	1 6	20 3	0 51	17 6	1 18	22 9	0 27	22 22	0 55	0 51	15 52	22 10	22 13	9 23	16 52	6 36
W 7	5 25	9 56	4 59	3 6	1 31	13 40	6 26	11 24	1 6	20 4	0 51	17 7	1 18	22 8	0 27	22 23	0 55	0 51	15 52	22 9	22 12	9 26	16 53	6 36
T 8	5 2	3 48	4 42	3 46	1 45	13 52	6 35	11 7	1 5	20 5	0 51	17 8	1 19	22 8	0 27	22 23	0 55	0 50	15 53	22 7	22 12	9 29	16 53	6 35
F 9	4 38	2n36	4 5	4 24	1 58	14 3	6 44	10 50	1 5	20 6	0 51	17 9	1 19	22 8	0 27	22 23	0 55	0 49	15 53	22 6	22 11	9 31	16 54	6 35
S 10	4 15	8 51	3 13	4 58	2 11	14 13	6 52	10 32	1 5	20 7	0 51	17 10	1 19	22 7	0 27	22 23	0 55	0 49	15 53	22 5	22 11	9 34	16 54	6 34
S 11	3 51	14 32	2 7	5 29	2 23	14 21	7 0	10 15	1 5	20 8	0 51	17 11	1 19	22 7	0 27	22 23	0 54	0 48	15 54	22 4	22 11	9 37	16 55	6 33
M12	3 28	19 18	0 55	5 57	2 35	14 29	7 8	9 57	1 5	20 8	0 51	17 12	1 19	22 7	0 27	22 23	0 54	0 48	15 54	22 4	22 10	9 40	16 55	6 33
T 13	3 4	22 51	0n19	6 20	2 46	14 35	7 16	9 40	1 5	20 9	0 51	17 14	1 19	22 6	0 27	22 23	0 54	0 47	15 55	22 4	22 10	9 43	16 56	6 32
W14	2 41	24 58	1 30	6 39	2 56	14 40	7 23	9 22	1 5	20 10	0 51	17 15	1 19	22 6	0 27	22 23	0 54	0 46	15 55	22 4	22 9	9 46	16 56	6 32
T 15	2 17	25 34	2 35	6 55	3 5	14 44	7 30	9 4	1 5	20 11	0 51	17 16	1 19	22 6	0 27	22 23	0 54	0 46	15 55	22 4	22 9	9 49	16 57	6 31
F 16	1 53	24 42	3 31	7 5	3 13	14 46	7 36	8 46	1 5	20 11	0 51	17 17	1 19	22 5	0 27	22 23	0 54	0 45	15 56	22 3	22 8	9 52	16 57	6 31
S 17	1 30	22 30	4 14	7 11	3 19	14 47	7 42	8 28	1 5	20 12	0 51	17 17	1 19	22 5	0 27	22 23	0 54	0 45	15 56	22 2	22 8	9 55	16 58	6 30
S 18	1 6	19 13	4 44	7 13	3 24	14 46	7 47	8 10	1 5	20 12	0 51	17 18	1 19	22 5	0 27	22 23	0 54	0 44	15 56	22 1	22 7	9 58	16 58	6 30
M19	0 42	15 7	4 59	7 10	3 28	14 44	7 52	7 52	1 4	20 13	0 51	17 19	1 19	22 4	0 27	22 23	0 54	0 43	15 57	21 59	22 7	10 1	16 59	6 29
T 20	0 19	10 25	5 0	7 3	3 30	14 41	7 57	7 34	1 4	20 13	0 51	17 20	1 19	22 4	0 27	22 23	0 54	0 43	15 57	21 58	22 7	10 3	16 59	6 29
W21	0n 5	5 22	4 47	6 52	3 30	14 35	8 0	7 15	1 4	20 14	0 51	17 21	1 18	22 4	0 27	22 23	0 54	0 42	15 58	21 56	22 6	10 6	17 0	6 28
T 22	0 29	0 11	4 21	6 37	3 28	14 29	8 3	6 57	1 4	20 14	0 51	17 22	1 18	22 4	0 27	22 23	0 54	0 41	15 58	21 54	22 6	10 9	17 0	6 28
F 23	0 52	4s59	3 44	6 18	3 24	14 21	8 5	6 39	1 4	20 14	0 51	17 22	1 18	22 3	0 27	22 23	0 54	0 41	15 58	21 52	22 5	10 12	17 1	6 27
S 24	1 16	9 55	2 57	5 56	3 19	14 11	8 6	6 20	1 4	20 14	0 51	17 23	1 18	22 3	0 27	22 23	0 54	0 40	15 59	21 51	22 5	10 15	17 1	6 27
S 25	1 40	14 29	2 3	5 30	3 12	14 0	8 7	6 2	1 3	20 15	0 51	17 24	1 18	22 3	0 28	22 23	0 54	0 40	15 59	21 50	22 4	10 18	17 2	6 26
M26	2 3	18 31	1 3	5 3	3 3	13 47	8 7	5 43	1 3	20 15	0 51	17 25	1 18	22 3	0 28	22 23	0 54	0 39	15 59	21 50	22 4	10 21	17 2	6 26
T 27	2 27	21 49	0 0	4 33	2 53	13 33	8 5	5 25	1 3	20 15	0 51	17 25	1 18	22 2	0 28	22 23	0 54	0 38	15 59	21 50	22 3	10 24	17 3	6 26
W28	2 50	24 13	1s 4	4 2	2 41	13 18	8 3	5 6	1 3	20 15	0 51	17 26	1 18	22 2	0 28	22 23	0 54	0 38	16 0	21 50	22 3	10 27	17 3	6 25
T 29	3 13	25 32	2 6	3 31	2 28	13 1	8 0	4 47	1 3	20 15	0 51	17 26	1 18	22 2	0 28	22 23	0 54	0 37	16 0	21 50	22 2	10 29	17 4	6 25
F 30	3 37	25 35	3 3	2 59	2 14	12 43	7 57	4 29	1 3	20 15	0 50	17 27	1 18	22 2	0 28	22 23	0 54	0 36	16 0	21 50	22 2	10 32	17 4	6 24
S 31	4n 0	24s18	3s53	2n27	2n 0	12n24	7n52	4s10	1s 2	20n15	0n50	17n27	1n18	22s 2	0s28	22n23	0s54	0s36	16n 1	21n49	22n 2	10s35	17n 5	6s24

Julian Day Number = 2357371.5, Delta T = 13.81 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'27, Lahiri = 20°15'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1742
geocentric

APRIL 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 36	11♈ 4'22	11♒48	0°R52	12°R26	22♓42	3♌22	15°R28	22♑40	7♋ 5	13°R27	8°R53	10♊15	5♏35	29♊25	S 1
M 2	12 40 33	12° 3'26	25°37	0♈14	11♈49	23°28	3°22	15♌27	22°41	7° 6	13♏25	8♊47	10°12	5°42	29°27	M 2
T 3	12 44 30	13° 2'28	9♓55	29♓41	11°11	24°15	3°23	15°25	22°42	7° 6	13°24	8°40	10° 9	5°48	29°30	T 3
W 4	12 48 26	14° 1'29	24°37	29°12	10°34	25° 2	3°24	15°24	22°43	7° 7	13°22	8°31	10° 6	5°55	29°32	W 4
T 5	12 52 23	15° 0'27	9♈39	28°48	9°57	25°49	3°25	15°22	22°45	7° 8	13°21	8°23	10° 3	6° 2	29°35	T 5
F 6	12 56 19	15°59'24	24°50	28°30	9°21	26°35	3°26	15°21	22°46	7° 8	13°20	8°16	9°59	6° 8	29°38	F 6
S 7	13 0 16	16°58'18	9♉59	28°17	8°46	27°22	3°28	15°20	22°47	7° 9	13°18	8°10	9°56	6°15	29°41	S 7
S 8	13 4 12	17°57'10	24°58	28°10	8°12	28° 9	3°29	15°19	22°48	7°10	13°17	8° 8	9°53	6°22	29°44	S 8
M 9	13 8 9	18°56'01	9♊39	28°D 7	7°40	28°55	3°31	15°18	22°49	7°10	13°15	8°D 7	9°50	6°28	29°47	M 9
T 10	13 12 5	19°54'49	23°57	28°10	7° 9	29°42	3°33	15°17	22°50	7°11	13°14	8° 8	9°47	6°35	29°50	T 10
W11	13 16 2	20°53'34	7♋51	28°19	6°40	0♈28	3°35	15°17	22°50	7°12	13°12	8° 9	9°43	6°42	29°53	W11
T 12	13 19 59	21°52'18	21°22	28°32	6°13	1°15	3°37	15°16	22°51	7°13	13°11	8°R10	9°40	6°48	29°56	T 12
F 13	13 23 55	22°50'59	4♌31	28°50	5°48	2° 1	3°40	15°16	22°52	7°13	13° 9	8° 9	9°37	6°55	29°59	F 13
S 14	13 27 52	23°49'38	17°21	29°12	5°26	2°48	3°42	15°15	22°53	7°14	13° 8	8° 6	9°34	7° 2	0♋ 3	S 14
S 15	13 31 48	24°48'14	29°56	29°39	5° 5	3°34	3°45	15°15	22°53	7°15	13° 6	8° 2	9°31	7° 8	0° 6	S 15
M16	13 35 45	25°46'49	12♍18	0♈11	4°47	4°20	3°48	15°15	22°54	7°16	13° 4	7°56	9°28	7°15	0°10	M16
T 17	13 39 41	26°45'21	24°30	0°46	4°31	5° 7	3°51	15°D15	22°55	7°17	13° 3	7°48	9°24	7°22	0°14	T 17
W18	13 43 38	27°43'51	6♎33	1°26	4°18	5°53	3°55	15°15	22°55	7°18	13° 1	7°41	9°21	7°28	0°17	W18
T 19	13 47 34	28°42'19	18°30	2° 9	4° 7	6°39	3°58	15°15	22°55	7°19	13° 0	7°34	9°18	7°35	0°21	T 19
F 20	13 51 31	29°40'45	0♏22	2°55	3°59	7°25	4° 2	15°15	22°56	7°20	12°58	7°28	9°15	7°42	0°25	F 20
S 21	13 55 28	0♉39'10	12°12	3°45	3°53	8°12	4° 6	15°16	22°56	7°21	12°56	7°23	9°12	7°48	0°29	S 21
S 22	13 59 24	1°37'32	24° 0	4°39	3°49	8°58	4°10	15°16	22°56	7°22	12°55	7°20	9° 8	7°55	0°33	S 22
M23	14 3 21	2°35'53	5♐50	5°35	3°D48	9°44	4°14	15°17	22°57	7°23	12°53	7°D19	9° 5	8° 2	0°37	M23
T 24	14 7 17	3°34'13	17°44	6°35	3°49	10°30	4°19	15°18	22°57	7°25	12°51	7°20	9° 2	8° 8	0°41	T 24
W25	14 11 14	4°32'30	29°47	7°37	3°53	11°16	4°23	15°19	22°57	7°26	12°50	7°21	8°59	8°15	0°45	W25
T 26	14 15 10	5°30'46	12♑ 1	8°42	3°59	12° 2	4°28	15°20	22°57	7°27	12°48	7°23	8°56	8°22	0°49	T 26
F 27	14 19 7	6°29'01	24°31	9°50	4° 7	12°48	4°33	15°21	22°R57	7°28	12°46	7°24	8°53	8°28	0°53	F 27
S 28	14 23 3	7°27'14	7♒21	11° 0	4°17	13°33	4°38	15°22	22°57	7°30	12°45	7°R25	8°49	8°35	0°58	S 28
S 29	14 27 0	8°25'25	20°35	12°13	4°29	14°19	4°43	15°23	22°57	7°31	12°43	7°24	8°46	8°42	1° 2	S 29
M30	14 30 57	9♉23'36	4♓16	13♈28	4♈44	15♈ 5	4♌48	15♌24	22♑57	7♋32	12♏41	7♊23	8♊43	8♏48	1♋ 7	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n23	21s38	4s33	1n57	1n44	12n 4	7n46	3s51	1s 2	20n15	0n50	17n28	1n18	22s 1	0s28	22n23	0s54	0s35	16n 1	21n49	22n 1	10s38	17n 5	6s23
M 2	4 46	17 40	4 58	1 27	1 28	11 43	7 40	3 32	1 2	20 15	0 50	17 28	1 18	22 1	0 28	22 23	0 54	0 35	16 1	21 48	22 1	10 41	17 6	6 23
T 3	5 9	12 35	5 6	0 59	1 12	11 21	7 32	3 14	1 2	20 14	0 50	17 29	1 18	22 1	0 28	22 23	0 54	0 34	16 1	21 47	22 0	10 44	17 6	6 22
W 4	5 32	6 38	4 54	0 32	0 56	10 59	7 24	2 55	1 1	20 14	0 50	17 29	1 18	22 1	0 28	22 24	0 54	0 33	16 2	21 45	22 0	10 47	17 7	6 22
T 5	5 55	0 11	4 22	0 8	0 40	10 36	7 15	2 36	1 1	20 14	0 50	17 30	1 18	22 1	0 28	22 24	0 53	0 33	16 2	21 44	21 59	10 50	17 7	6 21
F 6	6 18	6n21	3 31	0s14	0 24	10 13	7 5	2 17	1 1	20 14	0 50	17 30	1 18	22 0	0 28	22 24	0 53	0 32	16 2	21 43	21 59	10 52	17 8	6 21
S 7	6 41	12 32	2 25	0 33	0 8	9 50	6 55	1 58	1 1	20 13	0 50	17 30	1 18	22 0	0 28	22 24	0 53	0 32	16 2	21 42	21 58	10 55	17 8	6 20
S 8	7 3	17 54	1 10	0 50	0s 7	9 26	6 44	1 40	1 0	20 13	0 50	17 30	1 18	22 0	0 28	22 24	0 53	0 31	16 2	21 42	21 58	10 58	17 9	6 20
M 9	7 26	22 4	0n 8	1 5	0 21	9 3	6 33	1 21	1 0	20 12	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 30	16 3	21 42	21 57	11 1	17 9	6 19
T 10	7 48	24 44	1 24	1 16	0 36	8 40	6 21	1 2	1 0	20 12	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 30	16 3	21 42	21 57	11 4	17 9	6 19
W11	8 10	25 48	2 33	1 26	0 49	8 17	6 8	0 43	0 59	20 11	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 29	16 3	21 42	21 56	11 7	17 10	6 19
T 12	8 32	25 16	3 32	1 32	1 2	7 54	5 55	0 24	0 59	20 11	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 29	16 3	21 42	21 56	11 10	17 10	6 18
F 13	8 54	23 20	4 18	1 36	1 14	7 32	5 42	0 6	0 59	20 10	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 28	16 3	21 42	21 55	11 13	17 11	6 18
S 14	9 16	20 14	4 49	1 38	1 26	7 11	5 28	0n13	0 58	20 9	0 50	17 31	1 18	22 0	0 28	22 24	0 53	0 27	16 3	21 41	21 55	11 15	17 11	6 17
S 15	9 37	16 17	5 6	1 37	1 37	6 50	5 15	0 32	0 58	20 9	0 50	17 31	1 18	21 59	0 28	22 24	0 53	0 27	16 4	21 41	21 55	11 18	17 12	6 17
M16	9 59	11 42	5 8	1 34	1 47	6 30	5 1	0 51	0 58	20 8	0 50	17 31	1 18	21 59	0 28	22 23	0 53	0 26	16 4	21 40	21 54	11 21	17 12	6 16
T 17	10 20	6 43	4 56	1 28	1 56	6 11	4 47	1 9	0 58	20 7	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 26	16 4	21 39	21 54	11 24	17 12	6 16
W18	10 41	1 33	4 31	1 21	2 5	5 53	4 33	1 28	0 57	20 6	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 25	16 4	21 37	21 53	11 27	17 13	6 16
T 19	11 2	3s39	3 54	1 11	2 13	5 36	4 19	1 47	0 57	20 5	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 25	16 4	21 36	21 53	11 30	17 13	6 15
F 20	11 23	8 41	3 8	0 59	2 21	5 20	4 5	2 5	0 56	20 4	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 24	16 4	21 35	21 52	11 33	17 14	6 15
S 21	11 43	13 25	2 13	0 45	2 27	5 5	3 51	2 24	0 56	20 3	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 24	16 4	21 34	21 52	11 35	17 14	6 14
S 22	12 3	17 38	1 12	0 30	2 33	4 50	3 37	2 42	0 56	20 2	0 49	17 31	1 17	21 59	0 28	22 23	0 53	0 23	16 4	21 34	21 51	11 38	17 14	6 14
M23	12 24	21 11	0 8	0 12	2 38	4 37	3 24	3 1	0 55	20 1	0 49	17 30	1 17	21 59	0 28	22 23	0 53	0 23	16 4	21 34	21 51	11 41	17 15	6 14
T 24	12 43	23 51	0s57	0n 7	2 43	4 26	3 10	3 19	0 55	20 0	0 49	17 30	1 17	21 59	0 28	22 23	0 53	0 22	16 4	21 34	21 50	11 44	17 15	6 13
W25	13 3	25 28	2 0	0 28	2 47	4 15	2 57	3 37	0 55	19 59	0 49	17 30	1 17	21 59	0 28	22 23	0 53	0 21	16 4	21 34	21 50	11 47	17 15	6 13
T 26	13 23	25 54	2 59	0 51	2 50	4 5	2 44	3 56	0 54	19 58	0 49	17 29	1 17	21 59	0 29	22 23	0 53	0 21	16 4	21 34	21 49	11 50	17 16	6 12
F 27	13 42	25 1	3 50	1 15	2 52	3 57	2 31	4 14	0 54	19 57	0 49	17 29	1 17	21 59	0 29	22 23	0 53	0 21	16 4	21 35	21 49	11 53	17 16	6 12
S 28	14 1	22 50	4 32	1 41	2 54	3 49	2 18	4 32	0 53	19 55	0 49	17 29	1 17	21 59	0 29	22 23	0 53	0 20	16 4	21 35	21 48	11 55	17 16	6 12
S 29	14 20	19 23	5 1	2 8	2 56	3 43	2 6	4 50	0 53	19 54	0 49	17 28	1 17	21 59	0 29	22 23	0 53	0 20	16 4	21 35	21 48	11 58	17 17	6 11
M30	14n39	14s49	5s13	2n37	2s56	3n37	1n54	5n 9	0s53	19n53	0n49	17n28	1n17	21s59	0s29	22n23	0s53	0s19	16n 4	21n34	21n47	12s 1	17n17	6s11

Julian Day Number = 2357402.5, Delta T = 13.83 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'31, Lahiri = 20°15'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1742
geocentric

MAY 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 53	10♉21'44	18♓25	14♈45	5♈ 0	15♈51	4♌54	15♌26	22°R57	7♋34	12°R40	7°R20	8♊40	8♏55	1♋11	T 1
W 2	14 38 50	11°19'51	2♈59	16° 5	5°19	16°37	4°59	15°27	22♑57	7°35	12♏38	7♊16	8°37	9° 2	1°16	W 2
T 3	14 42 46	12°17'57	17°55	17°27	5°39	17°22	5° 5	15°29	22°56	7°36	12°36	7°13	8°34	9° 8	1°20	T 3
F 4	14 46 43	13°16'01	3♉ 4	18°51	6° 1	18° 8	5°11	15°31	22°56	7°38	12°35	7°10	8°30	9°15	1°25	F 4
S 5	14 50 39	14°14'04	18°18	20°18	6°25	18°53	5°17	15°33	22°56	7°39	12°33	7° 8	8°27	9°22	1°30	S 5
S 6	14 54 36	15°12'05	3♊25	21°46	6°50	19°39	5°23	15°35	22°55	7°41	12°31	7°D 7	8°24	9°28	1°34	S 6
M 7	14 58 32	16°10'04	18°18	23°17	7°17	20°24	5°30	15°37	22°55	7°42	12°30	7° 7	8°21	9°35	1°39	M 7
T 8	15 2 29	17° 8'02	2♋50	24°50	7°46	21°10	5°36	15°39	22°54	7°44	12°28	7° 8	8°18	9°42	1°44	T 8
W 9	15 6 26	18° 5'58	16°56	26°24	8°16	21°55	5°43	15°41	22°54	7°45	12°26	7°10	8°14	9°48	1°49	W 9
T 10	15 10 22	19° 3'52	0♌36	28° 1	8°47	22°41	5°50	15°44	22°53	7°47	12°25	7°11	8°11	9°55	1°54	T 10
F 11	15 14 19	20° 1'44	13°51	29°40	9°20	23°26	5°57	15°46	22°53	7°49	12°23	7°11	8° 8	10° 2	1°59	F 11
S 12	15 18 15	20°59'34	26°42	1♉21	9°54	24°11	6° 4	15°49	22°52	7°50	12°21	7°R11	8° 5	10° 8	2° 4	S 12
S 13	15 22 12	21°57'23	9♍15	3° 4	10°29	24°56	6°11	15°51	22°51	7°52	12°20	7°11	8° 2	10°15	2° 9	S 13
M14	15 26 8	22°55'10	21°31	4°50	11° 6	25°41	6°18	15°54	22°50	7°53	12°18	7° 9	7°59	10°22	2°14	M14
T 15	15 30 5	23°52'55	3♎36	6°37	11°44	26°26	6°26	15°57	22°50	7°55	12°16	7° 8	7°55	10°28	2°20	T 15
W16	15 34 1	24°50'39	15°32	8°26	12°23	27°11	6°33	16° 0	22°49	7°57	12°15	7° 6	7°52	10°35	2°25	W16
T 17	15 37 58	25°48'21	27°23	10°17	13° 3	27°56	6°41	16° 3	22°48	7°59	12°13	7° 4	7°49	10°42	2°30	T 17
F 18	15 41 55	26°46'02	9♏12	12°11	13°44	28°41	6°49	16° 6	22°47	8° 0	12°11	7° 3	7°46	10°48	2°36	F 18
S 19	15 45 51	27°43'41	21° 1	14° 6	14°26	29°26	6°57	16° 9	22°46	8° 2	12°10	7° 2	7°43	10°55	2°41	S 19
S 20	15 49 48	28°41'19	2♐52	16° 4	15° 9	0♑11	7° 5	16°13	22°45	8° 4	12° 8	7°D 1	7°40	11° 2	2°46	S 20
M21	15 53 44	29°38'56	14°48	18° 3	15°53	0°56	7°13	16°16	22°44	8° 6	12° 7	7° 2	7°36	11° 8	2°52	M21
T 22	15 57 41	0♊36'32	26°51	20° 5	16°38	1°41	7°22	16°20	22°43	8° 8	12° 5	7° 2	7°33	11°15	2°57	T 22
W23	16 1 37	1°34'07	9♑ 3	22° 8	17°24	2°25	7°30	16°23	22°41	8° 9	12° 3	7° 2	7°30	11°22	3° 3	W23
T 24	16 5 34	2°31'40	21°26	24°12	18°10	3°10	7°39	16°27	22°40	8°11	12° 2	7° 3	7°27	11°28	3° 9	T 24
F 25	16 9 30	3°29'13	4♒ 4	26°19	18°58	3°54	7°47	16°31	22°39	8°13	12° 0	7° 3	7°24	11°35	3°14	F 25
S 26	16 13 27	4°26'45	16°59	28°27	19°46	4°39	7°56	16°35	22°38	8°15	11°59	7° 4	7°20	11°42	3°20	S 26
S 27	16 17 24	5°24'16	0♓13	0♊36	20°35	5°23	8° 5	16°39	22°36	8°17	11°57	7°R 4	7°17	11°48	3°26	S 27
M28	16 21 20	6°21'46	13°48	2°46	21°25	6° 8	8°14	16°43	22°35	8°19	11°56	7° 4	7°14	11°55	3°31	M28
T 29	16 25 17	7°19'15	27°46	4°57	22°15	6°52	8°23	16°47	22°33	8°21	11°54	7°D 4	7°11	12° 2	3°37	T 29
W30	16 29 13	8°16'44	12♈ 6	7° 9	23° 6	7°36	8°32	16°51	22°32	8°23	11°53	7° 4	7° 8	12° 8	3°43	W30
T 31	16 33 10	9♊14'12	26♈45	9♊21	23♈58	8♉21	8♌41	16♌55	22♑30	8♋25	11♏51	7♊ 4	7♊ 5	12♏15	3♋49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n57	9s19	5s 8	3n 7	2s56	3n33	1n42	5n27	0s52	19n51	0n49	17n27	1n17	21s59	0s29	22n23	0s52	0s19	16n 4	21n34	21n47	12s 4	17n17	6s11
W 2	15 15	3 8	4 43	3 38	2 56	3 30	1 30	5 45	0 52	19 50	0 49	17 27	1 17	21 59	0 29	22 23	0 52	0 18	16 4	21 33	21 46	12 7	17 18	6 10
T 3	15 33	3n22	3 58	4 10	2 55	3 27	1 19	6 2	0 51	19 48	0 49	17 26	1 17	22 0	0 29	22 23	0 52	0 18	16 4	21 33	21 46	12 10	17 18	6 10
F 4	15 51	9 47	2 57	4 44	2 53	3 26	1 8	6 20	0 51	19 47	0 48	17 26	1 17	22 0	0 29	22 23	0 52	0 17	16 4	21 32	21 45	12 12	17 18	6 10
S 5	16 8	15 40	1 42	5 18	2 51	3 26	0 57	6 38	0 50	19 45	0 48	17 25	1 17	22 0	0 29	22 23	0 52	0 17	16 4	21 32	21 45	12 15	17 19	6 9
S 6	16 25	20 32	0 20	5 54	2 48	3 26	0 47	6 56	0 50	19 44	0 48	17 24	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 44	12 18	17 19	6 9
M 7	16 42	23 59	1n 1	6 31	2 44	3 27	0 37	7 13	0 49	19 42	0 48	17 24	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 44	12 21	17 19	6 9
T 8	16 58	25 44	2 17	7 9	2 40	3 30	0 27	7 31	0 49	19 41	0 48	17 23	1 16	22 0	0 29	22 23	0 52	0 16	16 4	21 32	21 43	12 24	17 19	6 8
W 9	17 15	25 45	3 23	7 47	2 36	3 33	0 17	7 48	0 49	19 39	0 48	17 22	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 32	21 43	12 27	17 20	6 8
T 10	17 31	24 11	4 14	8 26	2 31	3 37	0 8	8 5	0 48	19 37	0 48	17 21	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 32	21 42	12 29	17 20	6 8
F 11	17 46	21 19	4 50	9 7	2 25	3 41	0s 1	8 23	0 48	19 35	0 48	17 21	1 16	22 0	0 29	22 23	0 52	0 15	16 4	21 33	21 42	12 32	17 20	6 8
S 12	18 2	17 30	5 11	9 47	2 19	3 47	0 10	8 40	0 47	19 34	0 48	17 20	1 16	22 1	0 29	22 22	0 52	0 14	16 4	21 33	21 41	12 35	17 20	6 7
S 13	18 17	12 59	5 16	10 29	2 12	3 53	0 18	8 57	0 47	19 32	0 48	17 19	1 16	22 1	0 29	22 22	0 52	0 14	16 3	21 32	21 41	12 38	17 20	6 7
M14	18 32	8 3	5 6	11 11	2 5	4 0	0 26	9 14	0 46	19 30	0 48	17 18	1 16	22 1	0 29	22 22	0 52	0 14	16 3	21 32	21 40	12 41	17 21	6 7
T 15	18 46	2 54	4 43	11 54	1 58	4 7	0 34	9 30	0 46	19 28	0 48	17 17	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 32	21 40	12 44	17 21	6 7
W16	19 0	2s19	4 8	12 36	1 50	4 15	0 42	9 47	0 45	19 26	0 48	17 16	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 32	21 39	12 46	17 21	6 6
T 17	19 14	7 25	3 22	13 20	1 41	4 24	0 49	10 4	0 45	19 24	0 48	17 15	1 16	22 1	0 29	22 22	0 52	0 13	16 3	21 31	21 39	12 49	17 21	6 6
F 18	19 28	12 14	2 28	14 3	1 32	4 34	0 56	10 20	0 44	19 22	0 48	17 14	1 16	22 2	0 29	22 22	0 52	0 12	16 3	21 31	21 38	12 52	17 21	6 6
S 19	19 41	16 38	1 28	14 46	1 23	4 44	1 3	10 37	0 44	19 20	0 48	17 13	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 38	12 55	17 21	6 6
S 20	19 54	20 23	0 23	15 30	1 13	4 54	1 10	10 53	0 43	19 18	0 48	17 12	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 37	12 58	17 21	6 5
M21	20 6	23 19	0s43	16 13	1 4	5 5	1 16	11 9	0 42	19 16	0 48	17 11	1 16	22 2	0 29	22 22	0 52	0 12	16 2	21 31	21 37	13 0	17 22	6 5
T 22	20 18	25 14	1 48	16 56	0 54	5 17	1 22	11 25	0 42	19 13	0 48	17 10	1 16	22 2	0 29	22 22	0 52	0 11	16 2	21 31	21 36	13 3	17 22	6 5
W23	20 30	25 58	2 49	17 38	0 43	5 29	1 28	11 41	0 41	19 11	0 48	17 9	1 16	22 3	0 29	22 22	0 52	0 11	16 2	21 31	21 36	13 6	17 22	6 5
T 24	20 42	25 25	3 42	18 19	0 33	5 42	1 34	11 57	0 41	19 9	0 47	17 8	1 16	22 3	0 29	22 22	0 52	0 11	16 1	21 31	21 35	13 9	17 22	6 4
F 25	20 53	23 35	4 27	19 0	0 22	5 55	1 39	12 12	0 40	19 7	0 47	17 7	1 15	22 3	0 29	22 21	0 52	0 11	16 1	21 31	21 35	13 12	17 22	6 4
S 26	21 4	20 30	4 58	19 40	0 11	6 8	1 44	12 28	0 40	19 4	0 47	17 5	1 15	22 3	0 29	22 21	0 52	0 10	16 1	21 31	21 34	13 14	17 22	6 4
S 27	21 14	16 19	5 15	20 18	0 1	6 22	1 49	12 43	0 39	19 2	0 47	17 4	1 15	22 4	0 29	22 21	0 52	0 10	16 1	21 31	21 33	13 17	17 22	6 4
M28	21 24	11 14	5 15	20 54	0n10	6 36	1 54	12 59	0 39	19 0	0 47	17 3	1 15	22 4	0 29	22 21	0 52	0 10	16 0	21 31	21 33	13 20	17 22	6 4
T 29	21 34	5 26	4 57	21 29	0 20	6 50	1 59	13 14	0 38	18 57	0 47	17 1	1 15	22 4	0 29	22 21	0 52	0 10	16 0	21 31	21 32	13 23	17 22	6 4
W30	21 43	0n48	4 20	22 2	0 31	7 5	2 3	13 29	0 37	18 55	0 47	17 0	1 15	22 4	0 30	22 21	0 52	0 10	16 0	21 31	21 32	13 25	17 22	6 3
T 31	21n52	7n 8	3s26	22n33	0n41	7n20	2s 7	13n44	0s37	18n52	0n47	16n59	1n15	22s 5	0s30	22n21	0s52	0s10	15n59	21n31	21n31	13s28	17n22	6s 3

Julian Day Number = 2357432.5, Delta T = 13.85 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'35, Lahiri = 20°15'35Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1742
geocentric

JUNE 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 6	10♊11'39	11♉39	11♊33	24♈50	9♉ 5	8♌51	17♌ 0	22°R29	8♋27	11°R50	7♊ 4	7♊ 1	12♏21	3♋54	F 1
S 2	16 41 3	11° 9'05	26°40	13°45	25°43	9°49	9° 0	17° 4	22♑27	8°29	11♏49	7° 4	6°58	12°28	4° 0	S 2
S 3	16 44 59	12° 6'31	11♊41	15°56	26°36	10°33	9°10	17° 9	22°26	8°31	11°47	7°R 4	6°55	12°35	4° 6	S 3
M 4	16 48 56	13° 3'56	26°32	18° 7	27°30	11°17	9°20	17°13	22°24	8°33	11°46	7° 4	6°52	12°41	4°12	M 4
T 5	16 52 53	14° 1'20	11♋ 7	20°17	28°24	12° 1	9°30	17°18	22°22	8°35	11°44	7° 4	6°49	12°48	4°18	T 5
W 6	16 56 49	14°58'43	25°20	22°25	29°19	12°45	9°39	17°23	22°21	8°37	11°43	7° 3	6°46	12°55	4°24	W 6
T 7	17 0 46	15°56'05	9♌ 7	24°32	0♉15	13°29	9°49	17°28	22°19	8°39	11°42	7° 2	6°42	13° 1	4°30	T 7
F 8	17 4 42	16°53'26	22°28	26°38	1°11	14°12	9°59	17°33	22°17	8°41	11°40	7° 1	6°39	13° 8	4°36	F 8
S 9	17 8 39	17°50'46	5♍25	28°41	2° 7	14°56	10°10	17°38	22°15	8°43	11°39	7° 0	6°36	13°15	4°42	S 9
S 10	17 12 35	18°48'05	17°59	0♋43	3° 4	15°40	10°20	17°43	22°13	8°46	11°38	7°D 0	6°33	13°21	4°48	S 10
M11	17 16 32	19°45'23	0♎16	2°43	4° 1	16°23	10°30	17°48	22°11	8°48	11°37	7° 0	6°30	13°28	4°54	M11
T 12	17 20 28	20°42'41	12°18	4°40	4°59	17° 7	10°41	17°53	22°10	8°50	11°36	7° 1	6°26	13°35	5° 0	T 12
W13	17 24 25	21°39'57	24°12	6°36	5°57	17°50	10°51	17°58	22° 8	8°52	11°34	7° 2	6°23	13°41	5° 7	W13
T 14	17 28 22	22°37'12	6♏ 1	8°29	6°55	18°34	11° 2	18° 4	22° 6	8°54	11°33	7° 3	6°20	13°48	5°13	T 14
F 15	17 32 18	23°34'27	17°50	10°20	7°54	19°17	11°12	18° 9	22° 4	8°56	11°32	7° 5	6°17	13°55	5°19	F 15
S 16	17 36 15	24°31'42	29°41	12° 9	8°53	20° 0	11°23	18°15	22° 2	8°58	11°31	7° 5	6°14	14° 1	5°25	S 16
S 17	17 40 11	25°28'55	11♐38	13°55	9°52	20°43	11°34	18°20	22° 0	9° 1	11°30	7°R 5	6°11	14° 8	5°31	S 17
M18	17 44 8	26°26'09	23°43	15°39	10°52	21°27	11°45	18°26	21°57	9° 3	11°29	7° 5	6° 7	14°15	5°37	M18
T 19	17 48 4	27°23'21	5♑59	17°21	11°52	22°10	11°56	18°32	21°55	9° 5	11°28	7° 3	6° 4	14°21	5°44	T 19
W20	17 52 1	28°20'34	18°26	19° 0	12°53	22°53	12° 7	18°37	21°53	9° 7	11°27	7° 0	6° 1	14°28	5°50	W20
T 21	17 55 58	29°17'46	1♒ 6	20°37	13°54	23°36	12°18	18°43	21°51	9° 9	11°26	6°57	5°58	14°35	5°56	T 21
F 22	17 59 54	0♋14'58	13°59	22°12	14°55	24°18	12°29	18°49	21°49	9°12	11°25	6°54	5°55	14°41	6° 2	F 22
S 23	18 3 51	1°12'10	27° 7	23°44	15°56	25° 1	12°41	18°55	21°47	9°14	11°24	6°50	5°52	14°48	6° 9	S 23
S 24	18 7 47	2° 9'22	10♓29	25°14	16°58	25°44	12°52	19° 1	21°45	9°16	11°23	6°48	5°48	14°55	6°15	S 24
M25	18 11 44	3° 6'34	24° 7	26°41	18° 0	26°27	13° 3	19° 7	21°42	9°18	11°22	6°47	5°45	15° 1	6°21	M25
T 26	18 15 40	4° 3'46	8♈ 0	28° 6	19° 2	27° 9	13°15	19°13	21°40	9°21	11°21	6°D46	5°42	15° 8	6°27	T 26
W27	18 19 37	5° 0'58	22° 8	29°29	20° 4	27°52	13°26	19°19	21°38	9°23	11°20	6°47	5°39	15°15	6°34	W27
T 28	18 23 33	5°58'11	6♉29	0♌49	21° 7	28°35	13°38	19°26	21°36	9°25	11°20	6°49	5°36	15°21	6°40	T 28
F 29	18 27 30	6°55'23	21° 1	2° 7	22°10	29°17	13°49	19°32	21°33	9°27	11°19	6°50	5°32	15°28	6°46	F 29
S 30	18 31 27	7♋52'36	5♊41	3♌21	23♉13	29♉59	14♌ 1	19♌38	21♑31	9♋29	11♏18	6°R51	5♊29	15♏35	6♋52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 1	13n11	2s17	23n 2	0n50	7n36	2s11	13n58	0s36	18n50	0n47	16n57	1n15	22s 5	0s30	22n21	0s52	0s10	15n59	21n31	21n31	13s31	17n22	6s 3
S 2	22 9	18 30	0 58	23 28	0 59	7 52	2 15	14 13	0 36	18 47	0 47	16 56	1 15	22 5	0 30	22 21	0 52	0 9	15 59	21 31	21 30	13 34	17 22	6 3
S 3	22 17	22 38	0n26	23 51	1 8	8 8	2 18	14 27	0 35	18 45	0 47	16 55	1 15	22 5	0 30	22 21	0 52	0 9	15 58	21 31	21 30	13 37	17 22	6 3
M 4	22 24	25 12	1 46	24 12	1 16	8 24	2 21	14 41	0 34	18 42	0 47	16 53	1 15	22 6	0 30	22 20	0 52	0 9	15 58	21 31	21 29	13 39	17 22	6 3
T 5	22 31	25 58	2 58	24 30	1 24	8 40	2 25	14 56	0 34	18 40	0 47	16 52	1 15	22 6	0 30	22 20	0 51	0 9	15 58	21 31	21 29	13 42	17 22	6 3
W 6	22 38	24 59	3 57	24 46	1 31	8 57	2 27	15 10	0 33	18 37	0 47	16 50	1 15	22 6	0 30	22 20	0 51	0 9	15 57	21 31	21 28	13 45	17 22	6 3
T 7	22 44	22 30	4 40	24 58	1 37	9 14	2 30	15 23	0 33	18 34	0 47	16 49	1 15	22 7	0 30	22 20	0 51	0 9	15 57	21 31	21 28	13 48	17 22	6 2
F 8	22 50	18 52	5 7	25 8	1 42	9 31	2 33	15 37	0 32	18 31	0 47	16 47	1 15	22 7	0 30	22 20	0 51	0 9	15 57	21 31	21 27	13 50	17 21	6 2
S 9	22 55	14 27	5 17	25 15	1 47	9 48	2 35	15 50	0 31	18 29	0 47	16 46	1 15	22 7	0 30	22 20	0 51	0 9	15 56	21 31	21 27	13 53	17 21	6 2
S 10	23 0	9 32	5 11	25 20	1 51	10 5	2 37	16 4	0 31	18 26	0 47	16 44	1 15	22 8	0 30	22 20	0 51	0 9	15 56	21 31	21 26	13 56	17 21	6 2
M11	23 5	4 21	4 51	25 21	1 55	10 22	2 39	16 17	0 30	18 23	0 47	16 42	1 15	22 8	0 30	22 20	0 51	0 9	15 56	21 31	21 25	13 59	17 21	6 2
T 12	23 9	0s54	4 19	25 20	1 57	10 40	2 41	16 30	0 29	18 20	0 47	16 41	1 15	22 8	0 30	22 20	0 51	0 9	15 55	21 31	21 25	14 2	17 21	6 2
W13	23 13	6 3	3 36	25 17	1 59	10 57	2 43	16 43	0 29	18 17	0 47	16 39	1 15	22 9	0 30	22 19	0 51	0 9	15 55	21 31	21 24	14 4	17 21	6 2
T 14	23 16	10 58	2 44	25 12	2 0	11 15	2 45	16 55	0 28	18 14	0 47	16 37	1 15	22 9	0 30	22 19	0 51	0 9	15 54	21 31	21 24	14 7	17 21	6 2
F 15	23 19	15 30	1 45	25 4	2 0	11 33	2 46	17 8	0 27	18 11	0 47	16 36	1 15	22 9	0 30	22 19	0 51	0 9	15 54	21 31	21 23	14 10	17 20	6 2
S 16	23 22	19 27	0 41	24 55	2 0	11 50	2 47	17 20	0 27	18 8	0 47	16 34	1 15	22 10	0 30	22 19	0 51	0 9	15 54	21 31	21 23	14 13	17 20	6 2
S 17	23 24	22 38	0s25	24 43	1 59	12 8	2 48	17 32	0 26	18 5	0 47	16 32	1 15	22 10	0 30	22 19	0 51	0 10	15 53	21 32	21 22	14 15	17 20	6 2
M18	23 26	24 50	1 31	24 30	1 57	12 25	2 49	17 44	0 26	18 2	0 47	16 30	1 15	22 10	0 30	22 19	0 51	0 10	15 53	21 31	21 22	14 18	17 20	6 2
T 19	23 27	25 53	2 33	24 14	1 55	12 43	2 50	17 56	0 25	17 59	0 47	16 29	1 15	22 11	0 30	22 19	0 51	0 10	15 52	21 31	21 21	14 21	17 20	6 2
W20	23 28	25 39	3 29	23 58	1 51	13 1	2 51	18 8	0 24	17 56	0 47	16 27	1 15	22 11	0 30	22 18	0 51	0 10	15 52	21 31	21 21	14 23	17 19	6 2
T 21	23 28	24 5	4 15	23 40	1 48	13 18	2 51	18 19	0 24	17 53	0 47	16 25	1 15	22 11	0 30	22 18	0 51	0 10	15 51	21 30	21 20	14 26	17 19	6 2
F 22	23 28	21 16	4 50	23 20	1 43	13 36	2 52	18 30	0 23	17 50	0 47	16 23	1 15	22 12	0 30	22 18	0 51	0 10	15 51	21 30	21 19	14 29	17 19	6 2
S 23	23 28	17 20	5 10	23 0	1 38	13 53	2 52	18 41	0 22	17 47	0 47	16 21	1 15	22 12	0 30	22 18	0 51	0 10	15 50	21 29	21 19	14 32	17 18	6 2
S 24	23 27	12 28	5 13	22 38	1 32	14 10	2 52	18 52	0 21	17 43	0 47	16 19	1 14	22 13	0 30	22 18	0 51	0 11	15 50	21 29	21 18	14 34	17 18	6 2
M25	23 26	6 56	5 0	22 15	1 26	14 28	2 52	19 3	0 21	17 40	0 47	16 17	1 14	22 13	0 30	22 18	0 51	0 11	15 50	21 28	21 18	14 37	17 18	6 2
T 26	23 25	0 56	4 29	21 52	1 19	14 45	2 52	19 14	0 20	17 37	0 47	16 16	1 14	22 13	0 30	22 18	0 51	0 11	15 49	21 28	21 17	14 40	17 18	6 2
W27	23 23	5n13	3 41	21 28	1 12	15 2	2 52	19 24	0 19	17 34	0 47	16 14	1 14	22 14	0 30	22 17	0 51	0 11	15 49	21 28	21 17	14 43	17 17	6 2
T 28	23 20	11 12	2 39	21 3	1 4	15 19	2 51	19 34	0 19	17 30	0 47	16 12	1 14	22 14	0 30	22 17	0 51	0 11	15 48	21 29	21 16	14 45	17 17	6 2
F 29	23 18	16 40	1 26	20 37	0 56	15 35	2 51	19 44	0 18	17 27	0 47	16 10	1 14	22 14	0 30	22 17	0 51	0 12	15 48	21 29	21 16	14 48	17 17	6 2
S 30	23n14	21n11	0s 6	20n11	0n47	15n52	2s50	19n54	0s17	17n23	0n47	16n 8	1n14	22s15	0s30	22n17	0s51	0s12	15n47	21n29	21n15	14s51	17n16	6s 2

Julian Day Number = 2357463.5, Delta T = 13.88 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'39, Lahiri = 20°15'40Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1742
geocentric

JULY 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 23	8♋49'49	20♊21	4♌34	24♉17	0♊42	14♌13	19♌45	21°R29	9♋32	11°R17	6°R50	5♊26	15♏41	6♋59	S 1
M 2	18 39 20	9°47'03	4♋57	5°43	25°21	1°24	14°25	19°51	21♉26	9°34	11♏17	6♊48	5°23	15°48	7° 5	M 2
T 3	18 43 16	10°44'16	19°22	6°50	26°24	2° 6	14°37	19°57	21°24	9°36	11°16	6°44	5°20	15°54	7°11	T 3
W 4	18 47 13	11°41'29	3♌30	7°54	27°29	2°48	14°49	20° 4	21°22	9°38	11°15	6°39	5°17	16° 1	7°18	W 4
T 5	18 51 9	12°38'43	17°16	8°55	28°33	3°31	15° 1	20°11	21°19	9°41	11°15	6°34	5°13	16° 8	7°24	T 5
F 6	18 55 6	13°35'56	0♍38	9°52	29°37	4°13	15°13	20°17	21°17	9°43	11°14	6°28	5°10	16°14	7°30	F 6
S 7	18 59 2	14°33'09	13°37	10°47	0♊42	4°54	15°25	20°24	21°14	9°45	11°14	6°23	5° 7	16°21	7°36	S 7
S 8	19 2 59	15°30'22	26°13	11°38	1°47	5°36	15°37	20°31	21°12	9°47	11°13	6°20	5° 4	16°28	7°43	S 8
M 9	19 6 56	16°27'35	8♎31	12°26	2°52	6°18	15°49	20°37	21°10	9°49	11°13	6°18	5° 1	16°34	7°49	M 9
T 10	19 10 52	17°24'48	20°34	13°11	3°57	7° 0	16° 1	20°44	21° 7	9°52	11°12	6°D18	4°58	16°41	7°55	T 10
W11	19 14 49	18°22'01	2♏27	13°51	5° 3	7°42	16°13	20°51	21° 5	9°54	11°12	6°19	4°54	16°48	8° 1	W11
T 12	19 18 45	19°19'14	14°16	14°28	6° 8	8°23	16°26	20°58	21° 2	9°56	11°12	6°20	4°51	16°54	8° 8	T 12
F 13	19 22 42	20°16'28	26° 6	15° 1	7°14	9° 5	16°38	21° 5	21° 0	9°58	11°11	6°22	4°48	17° 1	8°14	F 13
S 14	19 26 38	21°13'41	8♐ 0	15°30	8°20	9°46	16°50	21°12	20°58	10° 1	11°11	6°R22	4°45	17° 8	8°20	S 14
S 15	19 30 35	22°10'55	20° 4	15°55	9°26	10°27	17° 3	21°19	20°55	10° 3	11°11	6°21	4°42	17°14	8°26	S 15
M16	19 34 31	23° 8'10	2♑20	16°15	10°32	11° 9	17°15	21°26	20°53	10° 5	11°11	6°18	4°38	17°21	8°32	M16
T 17	19 38 28	24° 5'24	14°50	16°30	11°39	11°50	17°28	21°33	20°50	10° 7	11°10	6°13	4°35	17°28	8°39	T 17
W18	19 42 25	25° 2'39	27°35	16°41	12°45	12°31	17°40	21°40	20°48	10° 9	11°10	6° 6	4°32	17°34	8°45	W18
T 19	19 46 21	25°59'55	10♒36	16°47	13°52	13°12	17°53	21°47	20°46	10°11	11°10	5°58	4°29	17°41	8°51	T 19
F 20	19 50 18	26°57'11	23°52	16°R48	14°59	13°53	18° 6	21°54	20°43	10°14	11°10	5°50	4°26	17°48	8°57	F 20
S 21	19 54 14	27°54'28	7♓21	16°44	16° 6	14°34	18°18	22° 1	20°41	10°16	11°10	5°42	4°23	17°54	9° 3	S 21
S 22	19 58 11	28°51'46	21° 1	16°35	17°13	15°15	18°31	22° 9	20°38	10°18	11°D10	5°35	4°19	18° 1	9° 9	S 22
M23	20 2 7	29°49'05	4♈51	16°21	18°21	15°56	18°44	22°16	20°36	10°20	11°10	5°30	4°16	18° 8	9°15	M23
T 24	20 6 4	0♌46'24	18°48	16° 2	19°28	16°37	18°56	22°23	20°34	10°22	11°10	5°28	4°13	18°14	9°21	T 24
W25	20 10 0	1°43'45	2♉53	15°39	20°36	17°18	19° 9	22°30	20°31	10°24	11°10	5°D27	4°10	18°21	9°27	W25
T 26	20 13 57	2°41'07	17° 2	15°11	21°43	17°58	19°22	22°38	20°29	10°26	11°10	5°28	4° 7	18°27	9°33	T 26
F 27	20 17 54	3°38'30	1♊16	14°38	22°51	18°39	19°35	22°45	20°27	10°28	11°10	5°R28	4° 4	18°34	9°39	F 27
S 28	20 21 50	4°35'54	15°32	14° 2	23°59	19°19	19°48	22°52	20°24	10°31	11°11	5°28	4° 0	18°41	9°45	S 28
S 29	20 25 47	5°33'20	29°48	13°22	25° 8	20° 0	20° 1	23° 0	20°22	10°33	11°11	5°26	3°57	18°47	9°51	S 29
M30	20 29 43	6°30'46	14♋ 0	12°40	26°16	20°40	20°13	23° 7	20°20	10°35	11°11	5°21	3°54	18°54	9°57	M30
T 31	20 33 40	7♌28'14	28♋ 4	11♌55	27♊24	21♊20	20♌26	23♌15	20♑17	10♋37	11♏11	5♊14	3♊51	19♏ 1	10♋ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n11	24n20	1n13	19n45	0n37	16n 8	2s49	20n 3	0s17	17n20	0n47	16n 6	1n14	22s15	0s30	22n17	0s51	0s12	15n47	21n29	21n14	14s53	17n16	6s 2	S 1
M 2	23 7	25 50	2 28	19 18	0 27	16 24	2 48	20 13	0 16	17 17	0 47	16 4	1 14	22 16	0 30	22 17	0 51	0 13	15 46	21 29	21 14	14 56	17 15	6 2	M 2
T 3	23 2	25 34	3 31	18 52	0 17	16 40	2 48	20 22	0 15	17 13	0 47	16 2	1 14	22 16	0 30	22 17	0 51	0 13	15 46	21 28	21 13	14 59	17 15	6 2	T 3
W 4	22 58	23 38	4 21	18 25	0 6	16 55	2 46	20 31	0 14	17 10	0 47	15 59	1 14	22 16	0 30	22 16	0 51	0 13	15 45	21 27	21 13	15 2	17 15	6 2	W 4
T 5	22 52	20 21	4 54	17 58	0s 5	17 11	2 45	20 40	0 14	17 6	0 47	15 57	1 14	22 17	0 30	22 16	0 51	0 14	15 44	21 26	21 12	15 4	17 14	6 2	T 5
F 6	22 47	16 5	5 9	17 32	0 17	17 26	2 44	20 48	0 13	17 3	0 47	15 55	1 14	22 17	0 30	22 16	0 51	0 14	15 44	21 25	21 12	15 7	17 14	6 3	F 6
S 7	22 41	11 12	5 9	17 5	0 29	17 41	2 43	20 57	0 12	16 59	0 47	15 53	1 14	22 17	0 30	22 16	0 51	0 14	15 43	21 24	21 11	15 10	17 13	6 3	S 7
S 8	22 34	5 59	4 53	16 39	0 42	17 55	2 41	21 5	0 11	16 55	0 47	15 51	1 14	22 18	0 30	22 16	0 51	0 15	15 43	21 24	21 10	15 12	17 13	6 3	S 8
M 9	22 27	0 39	4 24	16 14	0 54	18 9	2 40	21 13	0 11	16 52	0 47	15 49	1 14	22 18	0 30	22 16	0 51	0 15	15 42	21 24	21 10	15 15	17 12	6 3	M 9
T 10	22 20	4s36	3 43	15 49	1 7	18 23	2 38	21 21	0 10	16 48	0 47	15 47	1 14	22 19	0 30	22 16	0 51	0 15	15 42	21 23	21 9	15 18	17 12	6 3	T 10
W11	22 13	9 37	2 54	15 24	1 21	18 37	2 36	21 28	0 9	16 44	0 47	15 44	1 14	22 19	0 30	22 15	0 51	0 16	15 41	21 24	21 9	15 20	17 11	6 3	W11
T 12	22 5	14 17	1 57	15 1	1 34	18 50	2 34	21 36	0 9	16 41	0 47	15 42	1 14	22 19	0 30	22 15	0 51	0 16	15 41	21 24	21 8	15 23	17 11	6 3	T 12
F 13	21 56	18 24	0 55	14 38	1 48	19 3	2 32	21 43	0 8	16 37	0 47	15 40	1 14	22 20	0 30	22 15	0 51	0 17	15 40	21 24	21 8	15 26	17 10	6 4	F 13
S 14	21 48	21 49	0s 9	14 16	2 2	19 15	2 30	21 50	0 7	16 33	0 47	15 38	1 14	22 20	0 30	22 15	0 51	0 17	15 40	21 24	21 7	15 29	17 10	6 4	S 14
S 15	21 39	24 19	1 13	13 56	2 16	19 27	2 28	21 57	0 6	16 30	0 47	15 36	1 14	22 21	0 30	22 15	0 51	0 18	15 39	21 24	21 6	15 31	17 9	6 4	S 15
M16	21 29	25 43	2 16	13 36	2 30	19 39	2 26	22 3	0 6	16 26	0 47	15 33	1 14	22 21	0 30	22 15	0 51	0 18	15 38	21 23	21 6	15 34	17 9	6 4	M16
T 17	21 19	25 50	3 12	13 19	2 44	19 50	2 24	22 10	0 5	16 22	0 47	15 31	1 14	22 21	0 30	22 14	0 51	0 19	15 38	21 23	21 5	15 37	17 8	6 4	T 17
W18	21 9	24 36	4 1	13 2	2 57	20 1	2 22	22 16	0 4	16 18	0 47	15 29	1 15	22 22	0 30	22 14	0 51	0 19	15 37	21 21	21 5	15 39	17 7	6 4	W18
T 19	20 59	22 3	4 37	12 47	3 11	20 12	2 19	22 22	0 3	16 14	0 47	15 26	1 15	22 22	0 30	22 14	0 51	0 20	15 37	21 20	21 4	15 42	17 7	6 5	T 19
F 20	20 48	18 18	5 0	12 34	3 24	20 22	2 17	22 28	0 2	16 10	0 47	15 24	1 15	22 22	0 30	22 14	0 51	0 20	15 36	21 19	21 3	15 45	17 6	6 5	F 20
S 21	20 37	13 33	5 6	12 23	3 37	20 31	2 14	22 33	0 2	16 7	0 47	15 22	1 15	22 23	0 30	22 14	0 51	0 21	15 36	21 17	21 3	15 47	17 6	6 5	S 21
S 22	20 25	8 5	4 55	12 14	3 50	20 41	2 12	22 39	0 1	16 3	0 47	15 20	1 15	22 23	0 30	22 14	0 51	0 21	15 35	21 16	21 2	15 50	17 5	6 5	S 22
M23	20 13	2 10	4 27	12 7	4 1	20 49	2 9	22 44	0 0	15 59	0 47	15 17	1 15	22 24	0 30	22 13	0 51	0 22	15 35	21 15	21 2	15 53	17 4	6 6	M23
T 24	20 1	3n56	3 43	12 2	4 12	20 57	2 6	22 49	0n 1	15 55	0 47	15 15	1 15	22 24	0 30	22 13	0 51	0 22	15 34	21 15	21 1	15 55	17 4	6 6	T 24
W25	19 48	9 54	2 46	12 0	4 22	21 5	2 3	22 53	0 1	15 51	0 47	15 12	1 15	22 24	0 30	22 13	0 51	0 23	15 33	21 15	21 1	15 58	17 3	6 6	W25
T 26	19 35	15 24	1 37	11 59	4 31	21 12	2 1	22 58	0 2	15 47	0 47	15 10	1 15	22 25	0 30	22 13	0 51	0 23	15 33	21 15	21 0	16 0	17 2	6 6	T 26
F 27	19 22	20 5	0 23	12 1	4 39	21 19	1 58	23 2	0 3	15 43	0 47	15 8	1 15	22 25	0 30	22 13	0 51	0 24	15 32	21 15	20 59	16 3	17 2	6 6	F 27
S 28	19 8	23 35	0n54	12 5	4 45	21 25	1 55	23 6	0 4	15 39	0 47	15 5	1 15	22 25	0 30	22 13	0 51	0 25	15 32	21 15	20 59	16 6	17 1	6 7	S 28
S 29	18 55	25 35	2 6	12 12	4 50	21 31	1 52	23 10	0 5	15 35	0 47	15 3	1 15	22 26	0 30	22 12	0 51	0 25	15 31	21 14	20 58	16 8	17 0	6 7	S 29
M30	18 40	25 54	3 11	12 20	4 53	21 36	1 49	23 14	0 5	15 31	0 47	15 1	1 15	22 26	0 30	22 12	0 51	0 26	15 31	21 14	20 58	16 11	17 0	6 7	M30
T 31	18n26	24n32	4n 3	12n31	4s55	21n41	1s46	23n18	0n 6	15n27	0n47	14n58	1n15	22s26	0s30	22n12	0s51	0s26	15n30	21n12	20n57	16s14	16n59	6s 8	T 31

Julian Day Number = 2357493.5, Delta T = 13.90 sec
Ecliptic obliquity = 23°28'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'43, Lahiri = 20°15'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1742
geocentric

AUGUST 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 37 36	8♌25'42	11♌55	11°R 9	28♊33	22♊ 0	20♌39	23♌22	20°R15	10♋39	11♏12	5°R 4	3♊48	19♏ 7	10♋ 9	W 1
T 2	20 41 33	9°23'11	25°29	10♌23	29°41	22°41	20°52	23°30	20♉13	10°41	11°12	4♊54	3°44	19°14	10°15	T 2
F 3	20 45 30	10°20'42	8♍44	9°36	0♋50	23°21	21° 5	23°37	20°11	10°43	11°12	4°43	3°41	19°21	10°20	F 3
S 4	20 49 26	11°18'13	21°38	8°51	1°59	24° 1	21°18	23°45	20° 8	10°45	11°13	4°34	3°38	19°27	10°26	S 4
S 5	20 53 23	12°15'45	4♎12	8° 8	3° 8	24°40	21°31	23°52	20° 6	10°47	11°13	4°26	3°35	19°34	10°32	S 5
M 6	20 57 19	13°13'17	16°29	7°27	4°17	25°20	21°44	24° 0	20° 4	10°49	11°14	4°20	3°32	19°41	10°37	M 6
T 7	21 1 16	14°10'51	28°32	6°50	5°26	26° 0	21°57	24° 7	20° 2	10°51	11°14	4°17	3°29	19°47	10°43	T 7
W 8	21 5 12	15° 8'26	10♏25	6°18	6°36	26°40	22°10	24°15	20° 0	10°53	11°15	4°D16	3°25	19°54	10°49	W 8
T 9	21 9 9	16° 6'01	22°14	5°51	7°45	27°19	22°23	24°22	19°58	10°54	11°16	4°16	3°22	20° 1	10°54	T 9
F 10	21 13 5	17° 3'38	4♐ 4	5°29	8°54	27°59	22°36	24°30	19°56	10°56	11°16	4°R16	3°19	20° 7	11° 0	F 10
S 11	21 17 2	18° 1'15	16° 0	5°14	10° 4	28°38	22°49	24°38	19°54	10°58	11°17	4°16	3°16	20°14	11° 5	S 11
S 12	21 20 58	18°58'54	28° 8	5° 5	11°14	29°17	23° 3	24°45	19°52	11° 0	11°17	4°14	3°13	20°21	11°11	S 12
M13	21 24 55	19°56'34	10♑32	5°D 3	12°24	29°57	23°16	24°53	19°50	11° 2	11°18	4° 9	3°10	20°27	11°16	M13
T 14	21 28 52	20°54'15	23°14	5° 9	13°34	0♋36	23°29	25° 1	19°48	11° 4	11°19	4° 2	3° 6	20°34	11°22	T 14
W15	21 32 48	21°51'57	6♒16	5°22	14°44	1°15	23°42	25° 8	19°46	11° 6	11°20	3°52	3° 3	20°40	11°27	W15
T 16	21 36 45	22°49'40	19°38	5°42	15°54	1°54	23°55	25°16	19°44	11° 7	11°21	3°41	3° 0	20°47	11°32	T 16
F 17	21 40 41	23°47'24	3♓18	6°11	17° 4	2°33	24° 8	25°23	19°42	11° 9	11°21	3°29	2°57	20°54	11°37	F 17
S 18	21 44 38	24°45'10	17°12	6°46	18°14	3°12	24°21	25°31	19°40	11°11	11°22	3°17	2°54	21° 0	11°43	S 18
S 19	21 48 34	25°42'58	1♈17	7°29	19°25	3°51	24°34	25°39	19°38	11°13	11°23	3° 8	2°50	21° 7	11°48	S 19
M20	21 52 31	26°40'47	15°28	8°19	20°35	4°29	24°47	25°46	19°37	11°14	11°24	3° 1	2°47	21°14	11°53	M20
T 21	21 56 27	27°38'38	29°41	9°16	21°46	5° 8	25° 0	25°54	19°35	11°16	11°25	2°56	2°44	21°20	11°58	T 21
W22	22 0 24	28°36'30	13♉52	10°20	22°57	5°46	25°13	26° 2	19°33	11°18	11°26	2°54	2°41	21°27	12° 3	W22
T 23	22 4 21	29°34'25	28° 1	11°31	24° 7	6°25	25°27	26° 9	19°32	11°19	11°27	2°54	2°38	21°34	12° 8	T 23
F 24	22 8 17	0♍32'22	12♊ 6	12°47	25°18	7° 3	25°40	26°17	19°30	11°21	11°28	2°54	2°35	21°40	12°13	F 24
S 25	22 12 14	1°30'20	26° 5	14° 9	26°29	7°42	25°53	26°25	19°28	11°22	11°30	2°53	2°31	21°47	12°18	S 25
S 26	22 16 10	2°28'20	10♋ 0	15°36	27°40	8°20	26° 6	26°32	19°27	11°24	11°31	2°50	2°28	21°54	12°23	S 26
M27	22 20 7	3°26'22	23°47	17° 9	28°52	8°58	26°19	26°40	19°25	11°25	11°32	2°44	2°25	22° 0	12°27	M27
T 28	22 24 3	4°24'26	7♌26	18°45	0♌ 3	9°36	26°32	26°47	19°24	11°27	11°33	2°35	2°22	22° 7	12°32	T 28
W29	22 28 0	5°22'32	20°53	20°26	1°14	10°14	26°45	26°55	19°22	11°28	11°34	2°24	2°19	22°14	12°37	W29
T 30	22 31 56	6°20'39	4♍ 8	22° 9	2°26	10°52	26°58	27° 3	19°21	11°30	11°36	2°11	2°15	22°20	12°41	T 30
F 31	22 35 53	7♍18'48	17♍ 7	23♌56	3♌37	11♋30	27♌11	27♌10	19♉19	11♋31	11♏37	1♊58	2♊12	22♏27	12♋46	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n11	21n42	4n39	12n44	4s54	21n45	1s43	23n21	0n 7	15n23	0n47	14n56	1n15	22s27	0s30	22n12	0s51	0s27	15n29	21n11	20n56	16s16	16n58	6s 8
T 2	17 56	17 44	4 59	12 58	4 52	21 49	1 40	23 24	0 8	15 18	0 47	14 53	1 15	22 27	0 30	22 12	0 51	0 28	15 29	21 9	20 56	16 19	16 58	6 8
F 3	17 40	12 59	5 2	13 14	4 49	21 52	1 37	23 27	0 9	15 14	0 47	14 51	1 15	22 27	0 30	22 12	0 51	0 28	15 28	21 7	20 55	16 22	16 57	6 9
S 4	17 25	7 46	4 50	13 31	4 43	21 54	1 33	23 30	0 9	15 10	0 47	14 48	1 15	22 28	0 30	22 11	0 51	0 29	15 28	21 5	20 55	16 24	16 56	6 9
S 5	17 9	2 22	4 24	13 49	4 35	21 56	1 30	23 32	0 10	15 6	0 48	14 46	1 15	22 28	0 30	22 11	0 51	0 30	15 27	21 4	20 54	16 27	16 55	6 9
M 6	16 52	3s 1	3 46	14 8	4 26	21 57	1 27	23 35	0 11	15 2	0 48	14 43	1 15	22 28	0 30	22 11	0 51	0 30	15 26	21 3	20 53	16 29	16 55	6 9
T 7	16 36	8 11	2 58	14 28	4 16	21 58	1 24	23 37	0 12	14 58	0 48	14 41	1 15	22 29	0 30	22 11	0 51	0 31	15 26	21 2	20 53	16 32	16 54	6 10
W 8	16 19	13 1	2 3	14 48	4 3	21 58	1 20	23 39	0 13	14 54	0 48	14 38	1 15	22 29	0 30	22 11	0 51	0 32	15 25	21 2	20 52	16 35	16 53	6 10
T 9	16 2	17 20	1 4	15 7	3 50	21 58	1 17	23 40	0 14	14 49	0 48	14 36	1 15	22 29	0 30	22 11	0 51	0 33	15 25	21 2	20 52	16 37	16 52	6 11
F 10	15 45	20 58	0 1	15 27	3 35	21 57	1 14	23 42	0 14	14 45	0 48	14 33	1 15	22 30	0 30	22 10	0 51	0 33	15 24	21 2	20 51	16 40	16 51	6 11
S 11	15 27	23 46	1s 2	15 45	3 20	21 55	1 10	23 43	0 15	14 41	0 48	14 31	1 15	22 30	0 30	22 10	0 51	0 34	15 24	21 2	20 50	16 42	16 51	6 11
S 12	15 9	25 31	2 3	16 3	3 4	21 53	1 7	23 44	0 16	14 37	0 48	14 28	1 15	22 30	0 30	22 10	0 51	0 35	15 23	21 1	20 50	16 45	16 50	6 12
M13	14 51	26 2	3 0	16 20	2 47	21 50	1 4	23 45	0 17	14 32	0 48	14 26	1 16	22 30	0 30	22 10	0 51	0 35	15 22	21 0	20 49	16 48	16 49	6 12
T 14	14 33	25 14	3 49	16 35	2 30	21 47	1 0	23 46	0 18	14 28	0 48	14 23	1 16	22 31	0 30	22 10	0 51	0 36	15 22	20 59	20 49	16 50	16 48	6 12
W15	14 14	23 3	4 27	16 49	2 12	21 43	0 57	23 47	0 19	14 24	0 48	14 21	1 16	22 31	0 30	22 10	0 51	0 37	15 21	20 57	20 48	16 53	16 47	6 13
T 16	13 56	19 34	4 52	17 1	1 55	21 38	0 53	23 47	0 20	14 20	0 48	14 18	1 16	22 31	0 30	22 10	0 51	0 38	15 21	20 55	20 47	16 55	16 46	6 13
F 17	13 37	14 59	5 1	17 11	1 37	21 33	0 50	23 47	0 20	14 15	0 48	14 16	1 16	22 31	0 30	22 9	0 51	0 39	15 20	20 53	20 47	16 58	16 46	6 14
S 18	13 17	9 32	4 52	17 19	1 20	21 28	0 47	23 47	0 21	14 11	0 48	14 13	1 16	22 32	0 30	22 9	0 51	0 39	15 20	20 51	20 46	17 1	16 45	6 14
S 19	12 58	3 33	4 26	17 25	1 3	21 21	0 43	23 47	0 22	14 7	0 48	14 11	1 16	22 32	0 30	22 9	0 51	0 40	15 19	20 49	20 45	17 3	16 44	6 14
M20	12 38	2n40	3 43	17 28	0 46	21 14	0 40	23 47	0 23	14 2	0 48	14 8	1 16	22 32	0 30	22 9	0 51	0 41	15 19	20 47	20 45	17 6	16 43	6 15
T 21	12 19	8 47	2 46	17 28	0 30	21 7	0 36	23 46	0 24	13 58	0 48	14 6	1 16	22 32	0 30	22 9	0 51	0 42	15 18	20 47	20 44	17 8	16 42	6 15
W22	11 58	14 27	1 39	17 26	0 15	20 59	0 33	23 46	0 25	13 54	0 49	14 3	1 16	22 33	0 30	22 9	0 51	0 43	15 18	20 46	20 44	17 11	16 41	6 16
T 23	11 38	19 20	0 26	17 21	0 0	20 50	0 30	23 45	0 26	13 49	0 49	14 1	1 16	22 33	0 30	22 8	0 51	0 43	15 17	20 46	20 43	17 13	16 40	6 16
F 24	11 18	23 4	0n48	17 13	0n13	20 41	0 26	23 44	0 26	13 45	0 49	13 58	1 16	22 33	0 30	22 8	0 51	0 44	15 16	20 46	20 42	17 16	16 40	6 17
S 25	10 57	25 24	1 59	17 2	0 26	20 31	0 23	23 42	0 27	13 41	0 49	13 56	1 16	22 33	0 30	22 8	0 51	0 45	15 16	20 46	20 42	17 19	16 39	6 17
S 26	10 37	26 8	3 3	16 48	0 39	20 20	0 20	23 41	0 28	13 36	0 49	13 53	1 16	22 34	0 30	22 8	0 51	0 46	15 15	20 45	20 41	17 21	16 38	6 18
M27	10 16	25 13	3 54	16 31	0 50	20 9	0 16	23 39	0 29	13 32	0 49	13 51	1 17	22 34	0 30	22 8	0 51	0 47	15 15	20 44	20 40	17 24	16 37	6 18
T 28	9 54	22 49	4 32	16 10	1 0	19 57	0 13	23 37	0 30	13 27	0 49	13 48	1 17	22 34	0 30	22 8	0 51	0 48	15 14	20 42	20 40	17 26	16 36	6 19
W29	9 33	19 12	4 54	15 47	1 9	19 45	0 10	23 36	0 31	13 23	0 49	13 46	1 17	22 34	0 30	22 8	0 51	0 48	15 14	20 40	20 39	17 29	16 35	6 19
T 30	9 12	14 40	5 0	15 22	1 17	19 32	0 7	23 33	0 32	13 19	0 49	13 43	1 17	22 34	0 30	22 7	0 51	0 49	15 13	20 38	20 39	17 31	16 34	6 20
F 31	8n50	9n33	4n50	14n53	1n24	19n19	0s 3	23n31	0n33	13n14	0n49	13n41	1n17	22s35	0s30	22n 7	0s51	0s50	15n13	20n35	20n38	17s34	16n33	6s20

Julian Day Number = 2357524.5, Delta T = 13.92 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'48, Lahiri = 20°15'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1742
geocentric

SEPTEMBER 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 50	8♍16'59	29♍50	25♌45	4♌49	12♋ 7	27♌24	27♌18	19°R18	11♋33	11♏38	1°R46	2♊ 9	22♏33	12♋50	S 1
S 2	22 43 46	9°15'11	12♎16	27°36	6° 1	12°45	27°37	27°25	19♂17	11°34	11°40	1♊36	2° 6	22°40	12°55	S 2
M 3	22 47 43	10°13'25	24°28	29°28	7°12	13°22	27°50	27°33	19°16	11°35	11°41	1°29	2° 3	22°47	12°59	M 3
T 4	22 51 39	11°11'40	6♏28	1♍22	8°24	14° 0	28° 3	27°40	19°14	11°37	11°42	1°24	2° 0	22°53	13° 3	T 4
W 5	22 55 36	12° 9'57	18°19	3°16	9°36	14°37	28°16	27°48	19°13	11°38	11°44	1°22	1°56	23° 0	13° 8	W 5
T 6	22 59 32	13° 8'16	0♐ 7	5°11	10°48	15°14	28°28	27°55	19°12	11°39	11°45	1°D21	1°53	23° 7	13°12	T 6
F 7	23 3 29	14° 6'36	11°56	7° 6	12° 0	15°51	28°41	28° 3	19°11	11°41	11°47	1°R21	1°50	23°13	13°16	F 7
S 8	23 7 25	15° 4'58	23°52	9° 1	13°12	16°28	28°54	28°10	19°10	11°42	11°48	1°21	1°47	23°20	13°20	S 8
S 9	23 11 22	16° 3'21	6♑ 1	10°55	14°24	17° 5	29° 7	28°18	19° 9	11°43	11°50	1°19	1°44	23°27	13°24	S 9
M10	23 15 19	17° 1'46	18°26	12°50	15°37	17°42	29°20	28°25	19° 8	11°44	11°51	1°15	1°41	23°33	13°28	M10
T 11	23 19 15	18° 0'13	1♒14	14°43	16°49	18°19	29°32	28°32	19° 7	11°45	11°53	1° 9	1°37	23°40	13°32	T 11
W12	23 23 12	18°58'41	14°25	16°36	18° 2	18°55	29°45	28°40	19° 6	11°46	11°55	1° 0	1°34	23°47	13°35	W12
T 13	23 27 8	19°57'11	28° 1	18°29	19°14	19°32	29°58	28°47	19° 6	11°47	11°56	0°50	1°31	23°53	13°39	T 13
F 14	23 31 5	20°55'43	12♓ 0	20°20	20°27	20° 8	0♍11	28°54	19° 5	11°49	11°58	0°39	1°28	24° 0	13°43	F 14
S 15	23 35 1	21°54'16	26°18	22°11	21°39	20°45	0°23	29° 2	19° 4	11°50	12° 0	0°29	1°25	24° 7	13°46	S 15
S 16	23 38 58	22°52'52	10♈49	24° 1	22°52	21°21	0°36	29° 9	19° 4	11°51	12° 1	0°20	1°21	24°13	13°50	S 16
M17	23 42 54	23°51'29	25°25	25°49	24° 5	21°57	0°48	29°16	19° 3	11°51	12° 3	0°13	1°18	24°20	13°53	M17
T 18	23 46 51	24°50'09	10♉ 1	27°37	25°18	22°33	1° 1	29°23	19° 2	11°52	12° 5	0° 9	1°15	24°26	13°56	T 18
W19	23 50 48	25°48'51	24°31	29°24	26°31	23° 9	1°13	29°30	19° 2	11°53	12° 7	0°D 8	1°12	24°33	14° 0	W19
T 20	23 54 44	26°47'35	8♊51	1♎10	27°44	23°45	1°26	29°37	19° 1	11°54	12° 9	0° 8	1° 9	24°40	14° 3	T 20
F 21	23 58 41	27°46'22	22°58	2°55	28°57	24°20	1°38	29°44	19° 1	11°55	12°11	0°R 8	1° 6	24°46	14° 6	F 21
S 22	0 2 37	28°45'11	6♋53	4°39	0♍10	24°56	1°50	29°52	19° 1	11°56	12°12	0° 8	1° 2	24°53	14° 9	S 22
S 23	0 6 34	29°44'02	20°34	6°22	1°23	25°31	2° 3	29°59	19° 0	11°57	12°14	0° 6	0°59	25° 0	14°12	S 23
M24	0 10 30	0♎42'55	4♌ 4	8° 4	2°36	26° 7	2°15	0♍ 5	19° 0	11°57	12°16	0° 2	0°56	25° 6	14°15	M24
T 25	0 14 27	1°41'51	17°21	9°45	3°50	26°42	2°27	0°12	19° 0	11°58	12°18	29♉55	0°53	25°13	14°18	T 25
W26	0 18 23	2°40'49	0♍25	11°26	5° 3	27°17	2°39	0°19	19° 0	11°59	12°20	29°46	0°50	25°20	14°20	W26
T 27	0 22 20	3°39'49	13°18	13° 5	6°17	27°52	2°51	0°26	19° 0	11°59	12°22	29°36	0°47	25°26	14°23	T 27
F 28	0 26 17	4°38'51	25°58	14°44	7°30	28°27	3° 4	0°33	19° 0	12° 0	12°24	29°26	0°43	25°33	14°26	F 28
S 29	0 30 13	5°37'55	8♎25	16°21	8°44	29° 2	3°16	0°40	19°D 0	12° 0	12°26	29°16	0°40	25°40	14°28	S 29
S 30	0 34 10	6♎37'01	20♎40	17♎58	9♍57	29♋36	3♍28	0♍46	19♂ 0	12♋ 1	12♏28	29♉ 8	0♊37	25♏46	14♋31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n29	4n 8	4n26	14n22	1n30	19n 5	0s 0	23n29	0n34	13n10	0n49	13n38	1n17	22s35	0s30	22n 7	0s51	0s51	15n12	20n33	20n37	17s36	16n32	6s21
S 2	8 7	1s21	3 49	13 49	1 36	18 51	0n 3	23 26	0 35	13 6	0 49	13 36	1 17	22 35	0 30	22 7	0 51	0 52	15 12	20 31	20 37	17 39	16 31	6 21
M 3	7 45	6 40	3 2	13 14	1 40	18 36	0 6	23 23	0 35	13 1	0 49	13 33	1 17	22 35	0 30	22 7	0 51	0 53	15 11	20 29	20 36	17 41	16 31	6 22
T 4	7 23	11 41	2 8	12 37	1 43	18 20	0 9	23 20	0 36	12 57	0 50	13 31	1 17	22 35	0 30	22 7	0 51	0 54	15 11	20 28	20 35	17 44	16 30	6 22
W 5	7 0	16 13	1 9	11 58	1 46	18 4	0 12	23 17	0 37	12 52	0 50	13 28	1 17	22 35	0 30	22 7	0 51	0 54	15 10	20 28	20 35	17 46	16 29	6 23
T 6	6 38	20 6	0 7	11 17	1 47	17 48	0 15	23 14	0 38	12 48	0 50	13 26	1 18	22 36	0 30	22 7	0 51	0 55	15 10	20 28	20 34	17 49	16 28	6 23
F 7	6 16	23 11	0s56	10 35	1 48	17 31	0 18	23 11	0 39	12 44	0 50	13 23	1 18	22 36	0 30	22 6	0 51	0 56	15 9	20 28	20 34	17 51	16 27	6 24
S 8	5 53	25 16	1 57	9 52	1 48	17 13	0 21	23 7	0 40	12 39	0 50	13 21	1 18	22 36	0 30	22 6	0 51	0 57	15 9	20 28	20 33	17 54	16 26	6 24
S 9	5 30	26 13	2 53	9 8	1 48	16 55	0 24	23 3	0 41	12 35	0 50	13 18	1 18	22 36	0 30	22 6	0 51	0 58	15 8	20 27	20 32	17 56	16 25	6 25
M10	5 8	25 53	3 43	8 23	1 46	16 37	0 27	23 0	0 42	12 30	0 50	13 16	1 18	22 36	0 30	22 6	0 51	0 59	15 8	20 26	20 32	17 59	16 24	6 25
T 11	4 45	24 11	4 23	7 38	1 44	16 18	0 30	22 56	0 43	12 26	0 50	13 13	1 18	22 36	0 30	22 6	0 51	1 0	15 7	20 25	20 31	18 1	16 23	6 26
W12	4 22	21 9	4 50	6 52	1 42	15 58	0 33	22 52	0 44	12 22	0 50	13 11	1 18	22 36	0 30	22 6	0 51	1 1	15 7	20 23	20 30	18 4	16 22	6 27
T 13	3 59	16 54	5 2	6 5	1 39	15 38	0 35	22 47	0 45	12 17	0 50	13 8	1 18	22 36	0 30	22 6	0 51	1 2	15 7	20 21	20 30	18 6	16 21	6 27
F 14	3 36	11 38	4 57	5 18	1 36	15 18	0 38	22 43	0 46	12 13	0 51	13 6	1 18	22 36	0 30	22 6	0 51	1 3	15 6	20 19	20 29	18 9	16 20	6 28
S 15	3 13	5 38	4 33	4 31	1 32	14 57	0 41	22 38	0 47	12 9	0 51	13 3	1 19	22 37	0 30	22 6	0 51	1 3	15 6	20 17	20 28	18 11	16 19	6 28
S 16	2 50	0n45	3 51	3 44	1 28	14 36	0 43	22 34	0 48	12 4	0 51	13 1	1 19	22 37	0 30	22 5	0 52	1 4	15 5	20 15	20 28	18 14	16 18	6 29
M17	2 27	7 9	2 54	2 56	1 23	14 14	0 46	22 29	0 49	12 0	0 51	12 59	1 19	22 37	0 30	22 5	0 52	1 5	15 5	20 14	20 27	18 16	16 17	6 29
T 18	2 3	13 11	1 45	2 9	1 18	13 52	0 48	22 24	0 50	11 55	0 51	12 56	1 19	22 37	0 30	22 5	0 52	1 6	15 4	20 13	20 26	18 19	16 17	6 30
W19	1 40	18 27	0 30	1 21	1 13	13 30	0 51	22 19	0 51	11 51	0 51	12 54	1 19	22 37	0 30	22 5	0 52	1 7	15 4	20 12	20 26	18 21	16 16	6 31
T 20	1 17	22 34	0n46	0 34	1 8	13 7	0 53	22 14	0 52	11 47	0 51	12 51	1 19	22 37	0 30	22 5	0 52	1 8	15 4	20 12	20 25	18 24	16 15	6 31
F 21	0 53	25 16	1 59	0s13	1 2	12 43	0 55	22 9	0 53	11 43	0 51	12 49	1 19	22 37	0 30	22 5	0 52	1 9	15 3	20 13	20 24	18 26	16 14	6 32
S 22	0 30	26 21	3 3	0 59	0 56	12 20	0 58	22 3	0 54	11 38	0 51	12 47	1 19	22 37	0 30	22 5	0 52	1 10	15 3	20 12	20 24	18 29	16 13	6 33
S 23	0 6	25 47	3 56	1 46	0 50	11 56	1 0	21 58	0 55	11 34	0 52	12 44	1 20	22 37	0 30	22 5	0 52	1 11	15 2	20 12	20 23	18 31	16 12	6 33
M24	0s17	23 43	4 35	2 32	0 44	11 31	1 2	21 52	0 56	11 30	0 52	12 42	1 20	22 37	0 30	22 5	0 52	1 12	15 2	20 11	20 23	18 34	16 11	6 34
T 25	0 41	20 23	4 58	3 18	0 37	11 7	1 4	21 46	0 57	11 25	0 52	12 40	1 20	22 37	0 30	22 5	0 52	1 13	15 2	20 10	20 22	18 36	16 10	6 34
W26	1 4	16 5	5 5	4 3	0 31	10 42	1 6	21 40	0 58	11 21	0 52	12 37	1 20	22 37	0 30	22 5	0 52	1 14	15 1	20 8	20 21	18 39	16 9	6 35
T 27	1 27	11 8	4 56	4 48	0 24	10 16	1 8	21 35	0 59	11 17	0 52	12 35	1 20	22 37	0 30	22 4	0 52	1 14	15 1	20 6	20 21	18 41	16 8	6 36
F 28	1 51	5 47	4 33	5 33	0 17	9 51	1 10	21 29	1 0	11 13	0 52	12 33	1 20	22 37	0 30	22 4	0 52	1 15	15 1	20 4	20 20	18 43	16 7	6 36
S 29	2 14	0 18	3 58	6 17	0 10	9 25	1 12	21 22	1 1	11 8	0 52	12 30	1 20	22 37	0 30	22 4	0 52	1 16	15 0	20 1	20 19	18 46	16 6	6 37
S 30	2s38	5s 8	3n11	7s 0	0n 3	8n59	1n13	21n16	1n 2	11n 4	0n53	12n28	1n21	22s37	0s30	22n 4	0s52	1s17	15n 0	20n 0	20n19	18s48	16n 6	6s38

Julian Day Number = 2357555.5, Delta T = 13.94 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'52, Lahiri = 20°15'52Greg. Calendar

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OCTOBER 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 6	7♎36'10	2♏44	19♎34	11♍11	0♌11	3♍39	0♍53	19♑ 0	12♋ 2	12♏30	29°R 3	0♊34	25♏53	14♋33	M 1
T 2	0 42 3	8°35'20	14°38	21° 9	12°25	0°45	3°51	1° 0	19° 0	12° 2	12°32	28♉59	0°31	25°59	14°35	T 2
W 3	0 45 59	9°34'32	26°27	22°44	13°39	1°20	4° 3	1° 6	19° 0	12° 2	12°35	28°D58	0°27	26° 6	14°37	W 3
T 4	0 49 56	10°33'46	8♐13	24°17	14°52	1°54	4°15	1°13	19° 0	12° 3	12°37	28°58	0°24	26°13	14°39	T 4
F 5	0 53 52	11°33'02	20° 1	25°50	16° 6	2°28	4°26	1°19	19° 1	12° 3	12°39	29° 0	0°21	26°19	14°41	F 5
S 6	0 57 49	12°32'19	1♑55	27°22	17°20	3° 1	4°38	1°26	19° 1	12° 4	12°41	29° 1	0°18	26°26	14°43	S 6
S 7	1 1 45	13°31'39	14° 2	28°54	18°34	3°35	4°50	1°32	19° 1	12° 4	12°43	29°R 1	0°15	26°33	14°45	S 7
M 8	1 5 42	14°31'00	26°25	0♏24	19°48	4° 9	5° 1	1°38	19° 2	12° 4	12°45	29° 1	0°12	26°39	14°47	M 8
T 9	1 9 39	15°30'23	9♒11	1°54	21° 2	4°42	5°12	1°45	19° 2	12° 4	12°47	28°58	0° 8	26°46	14°48	T 9
W10	1 13 35	16°29'48	22°22	3°23	22°16	5°16	5°24	1°51	19° 3	12° 5	12°50	28°54	0° 5	26°53	14°50	W10
T 11	1 17 32	17°29'14	6♓ 0	4°52	23°31	5°49	5°35	1°57	19° 4	12° 5	12°52	28°48	0° 2	26°59	14°51	T 11
F 12	1 21 28	18°28'43	20° 6	6°19	24°45	6°22	5°46	2° 3	19° 4	12° 5	12°54	28°41	29♉59	27° 6	14°53	F 12
S 13	1 25 25	19°28'13	4♈36	7°46	25°59	6°55	5°57	2° 9	19° 5	12° 5	12°56	28°35	29°56	27°13	14°54	S 13
S 14	1 29 21	20°27'45	19°24	9°12	27°13	7°27	6° 8	2°15	19° 6	12° 5	12°59	28°30	29°52	27°19	14°55	S 14
M15	1 33 18	21°27'19	4♉22	10°38	28°28	8° 0	6°19	2°21	19° 6	12°R 5	13° 1	28°26	29°49	27°26	14°56	M15
T 16	1 37 14	22°26'55	19°22	12° 2	29°42	8°32	6°30	2°27	19° 7	12° 5	13° 3	28°24	29°46	27°33	14°57	T 16
W17	1 41 11	23°26'34	4♊15	13°26	0♎57	9° 5	6°41	2°32	19° 8	12° 5	13° 6	28°D24	29°43	27°39	14°58	W17
T 18	1 45 8	24°26'14	18°54	14°48	2°11	9°37	6°52	2°38	19° 9	12° 5	13° 8	28°25	29°40	27°46	14°59	T 18
F 19	1 49 4	25°25'57	3♋16	16°10	3°26	10° 9	7° 2	2°44	19°10	12° 5	13°10	28°27	29°37	27°52	15° 0	F 19
S 20	1 53 1	26°25'43	17°18	17°31	4°40	10°40	7°13	2°49	19°11	12° 5	13°13	28°28	29°33	27°59	15° 0	S 20
S 21	1 56 57	27°25'30	0♌59	18°51	5°55	11°12	7°23	2°55	19°12	12° 5	13°15	28°R28	29°30	28° 6	15° 1	S 21
M22	2 0 54	28°25'20	14°21	20° 9	7° 9	11°43	7°34	3° 0	19°14	12° 4	13°17	28°27	29°27	28°12	15° 1	M22
T 23	2 4 50	29°25'12	27°25	21°27	8°24	12°15	7°44	3° 6	19°15	12° 4	13°20	28°25	29°24	28°19	15° 2	T 23
W24	2 8 47	0♏25'06	10♍14	22°43	9°39	12°46	7°54	3°11	19°16	12° 4	13°22	28°21	29°21	28°26	15° 2	W24
T 25	2 12 43	1°25'03	22°48	23°57	10°54	13°17	8° 4	3°16	19°17	12° 4	13°24	28°16	29°18	28°32	15° 2	T 25
F 26	2 16 40	2°25'01	5♎10	25°10	12° 8	13°47	8°14	3°21	19°19	12° 3	13°27	28°12	29°14	28°39	15°R 2	F 26
S 27	2 20 37	3°25'01	17°21	26°21	13°23	14°18	8°24	3°26	19°20	12° 3	13°29	28° 8	29°11	28°46	15° 2	S 27
S 28	2 24 33	4°25'04	29°24	27°31	14°38	14°48	8°34	3°31	19°22	12° 2	13°32	28° 4	29° 8	28°52	15° 2	S 28
M29	2 28 30	5°25'08	11♏19	28°38	15°53	15°19	8°44	3°36	19°23	12° 2	13°34	28° 2	29° 5	28°59	15° 2	M29
T 30	2 32 26	6°25'14	23° 9	29°43	17° 8	15°49	8°53	3°41	19°25	12° 1	13°36	28°D 1	29° 2	29° 6	15° 1	T 30
W31	2 36 23	7♏25'22	4♐56	0♐45	18♎23	16♌18	9♍ 3	3♍46	19♑26	12♋ 1	13♏39	28♉ 1	28♉58	29♏12	15♋ 1	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 1	10s18	2n17	7s43	0s 4	8n32	1n15	21n10	1n 3	11n 0	0n53	12n26	1n21	22s37	0s30	22n 4	0s52	1s18	15n 0	19n58	20n18	18s51	16n 5	6s38
T 2	3 25	15 2	1 17	8 26	0 11	8 6	1 17	21 3	1 4	10 56	0 53	12 24	1 21	22 37	0 30	22 4	0 52	1 19	14 59	19 58	20 17	18 53	16 4	6 39
W 3	3 48	19 10	0 14	9 8	0 18	7 39	1 18	20 57	1 5	10 52	0 53	12 22	1 21	22 37	0 30	22 4	0 52	1 20	14 59	19 57	20 17	18 56	16 3	6 40
T 4	4 11	22 32	0s50	9 49	0 25	7 11	1 20	20 50	1 6	10 47	0 53	12 19	1 21	22 37	0 30	22 4	0 52	1 21	14 59	19 58	20 16	18 58	16 2	6 40
F 5	4 34	24 57	1 51	10 29	0 32	6 44	1 21	20 44	1 7	10 43	0 53	12 17	1 21	22 37	0 30	22 4	0 52	1 22	14 58	19 58	20 15	19 0	16 1	6 41
S 6	4 58	26 17	2 49	11 9	0 39	6 16	1 22	20 37	1 8	10 39	0 53	12 15	1 21	22 37	0 30	22 4	0 52	1 23	14 58	19 58	20 15	19 3	16 0	6 42
S 7	5 21	26 23	3 40	11 49	0 46	5 49	1 24	20 30	1 9	10 35	0 54	12 13	1 22	22 37	0 29	22 4	0 52	1 23	14 58	19 58	20 14	19 5	15 59	6 42
M 8	5 44	25 11	4 22	12 27	0 53	5 21	1 25	20 23	1 10	10 31	0 54	12 11	1 22	22 36	0 29	22 4	0 52	1 24	14 57	19 58	20 13	19 8	15 59	6 43
T 9	6 7	22 40	4 52	13 5	1 0	4 52	1 26	20 16	1 11	10 27	0 54	12 9	1 22	22 36	0 29	22 4	0 52	1 25	14 57	19 57	20 13	19 10	15 58	6 44
W10	6 30	18 56	5 8	13 43	1 7	4 24	1 27	20 9	1 12	10 23	0 54	12 7	1 22	22 36	0 29	22 4	0 52	1 26	14 57	19 56	20 12	19 12	15 57	6 44
T 11	6 52	14 5	5 8	14 19	1 14	3 56	1 28	20 2	1 14	10 19	0 54	12 5	1 22	22 36	0 29	22 4	0 52	1 27	14 57	19 55	20 11	19 15	15 56	6 45
F 12	7 15	8 21	4 49	14 55	1 20	3 27	1 29	19 55	1 15	10 15	0 54	12 3	1 22	22 36	0 29	22 4	0 52	1 28	14 56	19 54	20 11	19 17	15 55	6 46
S 13	7 38	2 1	4 11	15 29	1 27	2 58	1 30	19 48	1 16	10 11	0 54	12 1	1 23	22 36	0 29	22 4	0 52	1 29	14 56	19 52	20 10	19 20	15 54	6 46
S 14	8 0	4n34	3 16	16 3	1 33	2 29	1 30	19 40	1 17	10 7	0 55	11 59	1 23	22 36	0 29	22 4	0 52	1 30	14 56	19 51	20 9	19 22	15 54	6 47
M15	8 23	11 0	2 7	16 37	1 40	2 0	1 31	19 33	1 18	10 3	0 55	11 57	1 23	22 36	0 29	22 4	0 52	1 31	14 56	19 50	20 9	19 24	15 53	6 48
T 16	8 45	16 48	0 49	17 9	1 46	1 31	1 32	19 26	1 19	9 59	0 55	11 55	1 23	22 36	0 29	22 4	0 52	1 31	14 55	19 50	20 8	19 27	15 52	6 48
W17	9 7	21 33	0n32	17 40	1 52	1 2	1 32	19 18	1 20	9 55	0 55	11 53	1 23	22 35	0 29	22 4	0 52	1 32	14 55	19 50	20 7	19 29	15 51	6 49
T 18	9 29	24 50	1 50	18 11	1 58	0 33	1 33	19 11	1 22	9 52	0 55	11 51	1 24	22 35	0 29	22 4	0 52	1 33	14 55	19 50	20 6	19 31	15 50	6 50
F 19	9 51	26 25	2 59	18 40	2 4	0 4	1 33	19 3	1 23	9 48	0 55	11 49	1 24	22 35	0 29	22 4	0 52	1 34	14 55	19 51	20 6	19 34	15 50	6 51
S 20	10 13	26 15	3 56	19 9	2 9	0s26	1 33	18 56	1 24	9 44	0 56	11 47	1 24	22 35	0 29	22 4	0 52	1 35	14 55	19 51	20 5	19 36	15 49	6 51
S 21	10 34	24 29	4 38	19 36	2 14	0 55	1 34	18 48	1 25	9 40	0 56	11 45	1 24	22 35	0 29	22 4	0 52	1 36	14 54	19 51	20 4	19 38	15 48	6 52
M22	10 56	21 23	5 4	20 3	2 19	1 25	1 34	18 41	1 26	9 37	0 56	11 44	1 24	22 35	0 29	22 4	0 52	1 36	14 54	19 51	20 4	19 41	15 47	6 53
T 23	11 17	17 17	5 13	20 28	2 24	1 54	1 34	18 33	1 27	9 33	0 56	11 42	1 25	22 34	0 29	22 4	0 52	1 37	14 54	19 50	20 3	19 43	15 47	6 53
W24	11 38	12 28	5 7	20 52	2 28	2 23	1 34	18 25	1 29	9 29	0 56	11 40	1 25	22 34	0 29	22 4	0 52	1 38	14 54	19 49	20 2	19 45	15 46	6 54
T 25	11 59	7 14	4 45	21 15	2 33	2 53	1 34	18 18	1 30	9 26	0 57	11 38	1 25	22 34	0 29	22 4	0 52	1 39	14 54	19 48	20 2	19 48	15 45	6 55
F 26	12 20	1 47	4 11	21 37	2 36	3 22	1 34	18 10	1 31	9 22	0 57	11 37	1 25	22 34	0 29	22 4	0 52	1 40	14 54	19 47	20 1	19 50	15 45	6 55
S 27	12 40	3s40	3 25	21 57	2 40	3 51	1 33	18 2	1 32	9 19	0 57	11 35	1 25	22 34	0 29	22 4	0 52	1 41	14 53	19 46	20 0	19 52	15 44	6 56
S 28	13 1	8 55	2 31	22 16	2 43	4 21	1 33	17 54	1 34	9 15	0 57	11 34	1 25	22 33	0 29	22 4	0 52	1 41	14 53	19 46	20 0	19 55	15 43	6 57
M29	13 21	13 49	1 31	22 34	2 45	4 50	1 33	17 47	1 35	9 12	0 57	11 32	1 26	22 33	0 29	22 4	0 52	1 42	14 53	19 45	19 59	19 57	15 43	6 57
T 30	13 41	18 9	0 27	22 50	2 47	5 19	1 32	17 39	1 36	9 8	0 57	11 30	1 26	22 33	0 29	22 4	0 52	1 43	14 53	19 45	19 58	19 59	15 42	6 58
W31	14s 1	21s47	0s38	23s 5	2s48	5s48	1n32	17n31	1n37	9n 5	0n58	11n29	1n26	22s33	0s29	22n 4	0s52	1s44	14n53	19n45	19n58	20s 2	15n41	6s59

Julian Day Number = 2357585.5, Delta T = 13.97 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°08'56, Lahiri = 20°15'56Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1742
geocentric

NOVEMBER 1742 — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14 s20	24 s30	1 s42	23 s18	2 s49	6 s17	1n31	17n24	1n39	9n 1	0n58	11n27	1n26	22 s32	0 s29	22n 4	0 s52	1 s44	14n53	19n45	19n57	20 s 4	15n41	6 s59	
F 2	14 39	26 9	2 41	23 30	2 49	6 46	1 31	17 16	1 40	8 58	0 58	11 26	1 27	22 32	0 29	22 4	0 52	1 45	14 53	19 45	19 56	20 6	15 40	7 0	
S 3	14 58	26 37	3 34	23 39	2 49	7 14	1 30	17 8	1 41	8 55	0 58	11 24	1 27	22 32	0 29	22 4	0 52	1 46	14 53	19 46	19 55	20 9	15 40	7 1	
S 4	15 17	25 50	4 18	23 47	2 48	7 43	1 29	17 0	1 43	8 52	0 58	11 23	1 27	22 32	0 29	22 4	0 52	1 47	14 53	19 46	19 55	20 11	15 39	7 1	
M 5	15 36	23 47	4 52	23 53	2 45	8 11	1 29	16 53	1 44	8 48	0 59	11 22	1 27	22 31	0 29	22 4	0 52	1 47	14 52	19 46	19 54	20 13	15 38	7 2	
T 6	15 54	20 32	5 12	23 57	2 42	8 39	1 28	16 45	1 45	8 45	0 59	11 20	1 27	22 31	0 29	22 4	0 52	1 48	14 52	19 46	19 53	20 15	15 38	7 3	
W 7	16 12	16 12	5 17	23 58	2 38	9 7	1 27	16 37	1 47	8 42	0 59	11 19	1 28	22 31	0 29	22 4	0 52	1 49	14 52	19 46	19 53	20 18	15 37	7 3	
T 8	16 30	10 56	5 5	23 58	2 32	9 35	1 26	16 30	1 48	8 39	0 59	11 18	1 28	22 30	0 29	22 4	0 52	1 50	14 52	19 46	19 52	20 20	15 37	7 4	
F 9	16 47	4 57	4 35	23 54	2 26	10 2	1 25	16 22	1 49	8 36	0 59	11 16	1 28	22 30	0 29	22 4	0 53	1 50	14 52	19 46	19 51	20 22	15 36	7 5	
S 10	17 4	1n29	3 47	23 48	2 18	10 30	1 24	16 15	1 51	8 33	1 0	11 15	1 28	22 30	0 29	22 4	0 53	1 51	14 52	19 45	19 51	20 25	15 36	7 5	
S 11	17 21	8 1	2 42	23 39	2 8	10 57	1 22	16 7	1 52	8 30	1 0	11 14	1 28	22 29	0 29	22 4	0 53	1 52	14 52	19 45	19 50	20 27	15 35	7 6	
M12	17 38	14 14	1 25	23 28	1 57	11 24	1 21	16 0	1 54	8 27	1 0	11 13	1 29	22 29	0 29	22 4	0 53	1 52	14 52	19 45	19 49	20 29	15 35	7 7	
T 13	17 54	19 38	0 2	23 12	1 45	11 50	1 20	15 52	1 55	8 25	1 0	11 12	1 29	22 29	0 29	22 4	0 53	1 53	14 52	19 45	19 48	20 31	15 34	7 7	
W14	18 10	23 43	1n22	22 54	1 31	12 16	1 18	15 45	1 56	8 22	1 1	11 11	1 29	22 28	0 29	22 4	0 53	1 54	14 52	19 45	19 48	20 34	15 34	7 8	
T 15	18 25	26 6	2 38	22 32	1 15	12 42	1 17	15 38	1 58	8 19	1 1	11 10	1 29	22 28	0 29	22 4	0 53	1 54	14 52	19 45	19 47	20 36	15 33	7 9	
F 16	18 41	26 35	3 43	22 7	0 58	13 8	1 16	15 30	1 59	8 16	1 1	11 9	1 30	22 28	0 29	22 4	0 53	1 55	14 52	19 45	19 46	20 38	15 33	7 9	
S 17	18 56	25 16	4 32	21 38	0 40	13 33	1 14	15 23	2 1	8 14	1 1	11 8	1 30	22 27	0 29	22 5	0 53	1 56	14 52	19 45	19 46	20 40	15 33	7 10	
S 18	19 10	22 27	5 4	21 6	0 20	13 59	1 12	15 16	2 2	8 11	1 2	11 7	1 30	22 27	0 29	22 5	0 53	1 56	14 52	19 45	19 45	20 43	15 32	7 10	
M19	19 25	18 29	5 17	20 32	0n 0	14 23	1 11	15 9	2 4	8 9	1 2	11 6	1 30	22 27	0 29	22 5	0 53	1 57	14 52	19 45	19 44	20 45	15 32	7 11	
T 20	19 39	13 45	5 14	19 55	0 21	14 48	1 9	15 2	2 5	8 6	1 2	11 5	1 31	22 26	0 29	22 5	0 53	1 57	14 53	19 45	19 43	20 47	15 31	7 12	
W21	19 52	8 33	4 55	19 18	0 41	15 11	1 7	14 55	2 7	8 4	1 2	11 4	1 31	22 26	0 29	22 5	0 53	1 58	14 53	19 45	19 43	20 49	15 31	7 12	
T 22	20 5	3 8	4 23	18 41	1 1	15 35	1 6	14 48	2 8	8 1	1 2	11 3	1 31	22 26	0 29	22 5	0 53	1 59	14 53	19 45	19 42	20 51	15 31	7 13	
F 23	20 18	2 s19	3 40	18 4	1 20	15 58	1 4	14 41	2 10	7 59	1 3	11 3	1 31	22 25	0 29	22 5	0 53	1 59	14 53	19 45	19 41	20 54	15 30	7 13	
S 24	20 31	7 37	2 47	17 30	1 37	16 21	1 2	14 35	2 11	7 57	1 3	11 2	1 31	22 25	0 29	22 5	0 53	2 0	14 53	19 45	19 41	20 56	15 30	7 14	
S 25	20 43	12 36	1 48	16 59	1 52	16 43	1 0	14 28	2 13	7 55	1 3	11 1	1 32	22 24	0 29	22 5	0 53	2 0	14 53	19 45	19 40	20 58	15 30	7 14	
M26	20 55	17 5	0 44	16 32	2 5	17 5	0 58	14 22	2 15	7 53	1 3	11 1	1 32	22 24	0 29	22 5	0 53	2 1	14 53	19 45	19 39	21 0	15 30	7 15	
T 27	21 6	20 55	0 s21	16 10	2 16	17 27	0 56	14 15	2 16	7 50	1 4	11 0	1 32	22 23	0 29	22 5	0 53	2 1	14 53	19 45	19 38	21 2	15 29	7 16	
W28	21 17	23 54	1 26	15 52	2 25	17 48	0 54	14 9	2 18	7 48	1 4	11 0	1 32	22 23	0 29	22 6	0 53	2 2	14 53	19 45	19 38	21 5	15 29	7 16	
T 29	21 27	25 51	2 27	15 40	2 32	18 8	0 52	14 3	2 20	7 46	1 4	10 59	1 33	22 23	0 29	22 6	0 53	2 2	14 53	19 45	19 37	21 7	15 29	7 17	
F 30	21 s37	26 s37	3 s22	15 s32	2n36	18 s28	0n50	13n57	2n21	7n45	1n 4	10n59	1n33	22 s22	0 s29	22n 6	0 s53	2 s 3	14n54	19n45	19n36	21 s 9	15n29	7 s17	

Julian Day Number = 2357616.5, Delta T = 13.99 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'00, Lahiri = 20°16'01Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1742
geocentric

DECEMBER 1742 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 36	8♐42'23	19♉28	21°D 2	27♏15	29♌37	12♍55	5♍27	20♉37	11°R31	14♏53	28°R 0	27♉20	2♐38	14°R 5	S 1
S 2	4 42 33	9°43'18	1♒39	21♏11	28°31	29°58	13° 1	5°29	20°39	11♋29	14°55	27♉58	27°17	2°45	14♋ 2	S 2
M 3	4 46 29	10°44'15	14° 3	21°29	29°46	0♍19	13° 6	5°30	20°42	11°28	14°57	27°57	27°14	2°51	13°59	M 3
T 4	4 50 26	11°45'12	26°43	21°56	1♐ 1	0°39	13°10	5°32	20°45	11°27	15° 0	27°56	27°10	2°58	13°55	T 4
W 5	4 54 22	12°46'09	9♓42	22°31	2°17	0°58	13°15	5°33	20°48	11°25	15° 2	27°D55	27° 7	3° 5	13°52	W 5
T 6	4 58 19	13°47'07	23° 2	23°12	3°32	1°17	13°20	5°34	20°51	11°24	15° 4	27°55	27° 4	3°11	13°49	T 6
F 7	5 2 15	14°48'06	6♈47	24° 0	4°48	1°36	13°24	5°35	20°54	11°22	15° 6	27°56	27° 1	3°18	13°45	F 7
S 8	5 6 12	15°49'05	20°57	24°53	6° 3	1°54	13°28	5°36	20°57	11°21	15° 8	27°57	26°58	3°25	13°42	S 8
S 9	5 10 9	16°50'05	5♉30	25°51	7°19	2°12	13°32	5°37	21° 0	11°19	15°10	27°59	26°55	3°31	13°38	S 9
M10	5 14 5	17°51'06	20°24	26°53	8°34	2°30	13°36	5°38	21° 3	11°18	15°13	27°R59	26°51	3°38	13°35	M10
T 11	5 18 2	18°52'07	5♊32	27°58	9°50	2°47	13°40	5°39	21° 7	11°16	15°15	27°59	26°48	3°45	13°31	T 11
W12	5 21 58	19°53'09	20°44	29° 7	11° 5	3° 3	13°43	5°39	21°10	11°15	15°17	27°58	26°45	3°51	13°28	W12
T 13	5 25 55	20°54'12	5♋52	0♐18	12°21	3°19	13°47	5°40	21°13	11°13	15°19	27°56	26°42	3°58	13°24	T 13
F 14	5 29 51	21°55'15	20°46	1°32	13°36	3°35	13°50	5°40	21°16	11°12	15°21	27°53	26°39	4° 5	13°20	F 14
S 15	5 33 48	22°56'19	5♌18	2°48	14°52	3°50	13°53	5°40	21°19	11°10	15°23	27°49	26°36	4°11	13°16	S 15
S 16	5 37 44	23°57'24	19°23	4° 6	16° 7	4° 5	13°55	5°41	21°22	11° 8	15°25	27°46	26°32	4°18	13°12	S 16
M17	5 41 41	24°58'30	2♍59	5°26	17°23	4°19	13°58	5°R41	21°26	11° 7	15°27	27°43	26°29	4°25	13° 9	M17
T 18	5 45 38	25°59'36	16° 7	6°47	18°38	4°32	14° 0	5°40	21°29	11° 5	15°29	27°41	26°26	4°31	13° 5	T 18
W19	5 49 34	27° 0'43	28°51	8° 9	19°54	4°45	14° 3	5°40	21°32	11° 4	15°31	27°D41	26°23	4°38	13° 1	W19
T 20	5 53 31	28° 1'51	11♎13	9°32	21° 9	4°58	14° 5	5°40	21°36	11° 2	15°33	27°41	26°20	4°44	12°57	T 20
F 21	5 57 27	29° 2'59	23°19	10°56	22°25	5°10	14° 7	5°39	21°39	11° 0	15°35	27°43	26°16	4°51	12°53	F 21
S 22	6 1 24	0♑ 4'08	5♏14	12°22	23°40	5°21	14° 8	5°39	21°42	10°59	15°37	27°45	26°13	4°58	12°49	S 22
S 23	6 5 20	1° 5'18	17° 3	13°47	24°56	5°32	14°10	5°38	21°46	10°57	15°39	27°46	26°10	5° 4	12°44	S 23
M24	6 9 17	2° 6'28	28°49	15°14	26°11	5°42	14°11	5°37	21°49	10°55	15°40	27°R47	26° 7	5°11	12°40	M24
T 25	6 13 13	3° 7'39	10♐36	16°41	27°27	5°51	14°12	5°37	21°52	10°54	15°42	27°46	26° 4	5°18	12°36	T 25
W26	6 17 10	4° 8'49	22°27	18° 9	28°42	6° 0	14°13	5°36	21°56	10°52	15°44	27°43	26° 1	5°24	12°32	W26
T 27	6 21 7	5°10'00	4♑24	19°37	29°58	6° 8	14°14	5°34	21°59	10°50	15°46	27°38	25°57	5°31	12°28	T 27
F 28	6 25 3	6°11'12	16°29	21° 6	1♑13	6°16	14°14	5°33	22° 3	10°49	15°48	27°32	25°54	5°38	12°24	F 28
S 29	6 29 0	7°12'23	28°44	22°36	2°29	6°23	14°14	5°32	22° 6	10°47	15°49	27°25	25°51	5°44	12°19	S 29
S 30	6 32 56	8°13'34	11♒ 8	24° 6	3°44	6°29	14°R14	5°30	22°10	10°45	15°51	27°17	25°48	5°51	12°15	S 30
M31	6 36 53	9♑14'45	23♒44	25♐36	5♑ 0	6♍35	14♍14	5♍29	22♉13	10♋43	15♏53	27♉ 9	25♉45	5♐58	12♋11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s47	26s 9	4s 8	15s29	2n39	18s48	0n48	13n51	2n23	7n43	1n 5	10n58	1n33	22s22	0s29	22n 6	0s53	2s 3	14n54	19n45	19n36	21s11	15n28	7s18
S 2	21 56	24 26	4 44	15 30	2 41	19 7	0 46	13 45	2 25	7 41	1 5	10 58	1 33	22 21	0 29	22 6	0 53	2 4	14 54	19 44	19 35	21 13	15 28	7 18
M 3	22 5	21 32	5 8	15 35	2 41	19 25	0 44	13 40	2 26	7 39	1 5	10 57	1 34	22 21	0 29	22 6	0 53	2 4	14 54	19 44	19 34	21 15	15 28	7 19
T 4	22 14	17 35	5 17	15 43	2 39	19 43	0 42	13 34	2 28	7 38	1 5	10 57	1 34	22 20	0 29	22 6	0 53	2 5	14 54	19 44	19 33	21 18	15 28	7 19
W 5	22 22	12 44	5 10	15 54	2 37	20 0	0 39	13 29	2 30	7 36	1 6	10 57	1 34	22 20	0 29	22 6	0 53	2 5	14 54	19 43	19 33	21 20	15 28	7 19
T 6	22 29	7 10	4 47	16 8	2 33	20 17	0 37	13 23	2 32	7 35	1 6	10 57	1 34	22 19	0 29	22 6	0 53	2 5	14 55	19 44	19 32	21 22	15 28	7 20
F 7	22 36	1 5	4 7	16 24	2 29	20 33	0 35	13 18	2 33	7 33	1 6	10 56	1 35	22 19	0 29	22 7	0 53	2 6	14 55	19 44	19 31	21 24	15 28	7 20
S 8	22 43	5n14	3 11	16 41	2 24	20 49	0 32	13 13	2 35	7 32	1 7	10 56	1 35	22 19	0 29	22 7	0 53	2 6	14 55	19 44	19 30	21 26	15 28	7 21
S 9	22 49	11 28	2 1	17 1	2 18	21 4	0 30	13 9	2 37	7 31	1 7	10 56	1 35	22 18	0 29	22 7	0 53	2 7	14 55	19 44	19 30	21 28	15 27	7 21
M10	22 55	17 12	0 42	17 21	2 12	21 18	0 28	13 4	2 39	7 29	1 7	10 56	1 35	22 18	0 29	22 7	0 53	2 7	14 55	19 44	19 29	21 30	15 27	7 22
T 11	23 0	21 56	0n42	17 42	2 5	21 32	0 25	13 0	2 41	7 28	1 7	10 56	1 36	22 17	0 29	22 7	0 53	2 7	14 56	19 44	19 28	21 33	15 27	7 22
W12	23 5	25 11	2 2	18 4	1 58	21 45	0 23	12 55	2 42	7 27	1 8	10 56	1 36	22 17	0 29	22 7	0 53	2 8	14 56	19 44	19 28	21 35	15 27	7 22
T 13	23 10	26 34	3 14	18 26	1 51	21 58	0 21	12 51	2 44	7 26	1 8	10 56	1 36	22 16	0 29	22 7	0 53	2 8	14 56	19 44	19 27	21 37	15 27	7 23
F 14	23 14	26 0	4 11	18 48	1 44	22 10	0 18	12 47	2 46	7 25	1 8	10 56	1 36	22 16	0 29	22 7	0 53	2 8	14 56	19 43	19 26	21 39	15 27	7 23
S 15	23 17	23 40	4 51	19 10	1 36	22 21	0 16	12 43	2 48	7 24	1 8	10 57	1 37	22 15	0 29	22 8	0 53	2 9	14 57	19 42	19 25	21 41	15 27	7 23
S 16	23 20	19 57	5 11	19 33	1 29	22 32	0 14	12 40	2 50	7 23	1 9	10 57	1 37	22 15	0 29	22 8	0 53	2 9	14 57	19 41	19 25	21 43	15 27	7 24
M17	23 23	15 17	5 13	19 55	1 21	22 41	0 11	12 37	2 52	7 23	1 9	10 57	1 37	22 14	0 29	22 8	0 53	2 9	14 57	19 41	19 24	21 45	15 28	7 24
T 18	23 25	10 4	4 58	20 16	1 13	22 51	0 9	12 33	2 54	7 22	1 9	10 57	1 37	22 14	0 29	22 8	0 53	2 10	14 57	19 40	19 23	21 47	15 28	7 24
W19	23 26	4 35	4 29	20 37	1 5	22 59	0 6	12 30	2 56	7 21	1 9	10 58	1 38	22 13	0 29	22 8	0 53	2 10	14 58	19 40	19 22	21 49	15 28	7 25
T 20	23 28	0s57	3 48	20 58	0 57	23 7	0 4	12 28	2 58	7 21	1 10	10 58	1 38	22 13	0 29	22 8	0 53	2 10	14 58	19 40	19 22	21 51	15 28	7 25
F 21	23 28	6 19	2 58	21 18	0 49	23 14	0 1	12 25	3 0	7 20	1 10	10 58	1 38	22 12	0 29	22 8	0 53	2 10	14 58	19 41	19 21	21 54	15 28	7 25
S 22	23 28	11 24	2 0	21 37	0 42	23 20	0s 1	12 23	3 2	7 20	1 10	10 59	1 38	22 11	0 29	22 9	0 53	2 11	14 59	19 41	19 20	21 56	15 28	7 25
S 23	23 28	16 1	0 58	21 56	0 34	23 26	0 3	12 21	3 4	7 20	1 11	10 59	1 39	22 11	0 29	22 9	0 53	2 11	14 59	19 42	19 19	21 58	15 28	7 26
M24	23 27	20 1	0s 6	22 13	0 26	23 31	0 6	12 19	3 6	7 19	1 11	11 0	1 39	22 10	0 29	22 9	0 53	2 11	14 59	19 42	19 19	22 0	15 28	7 26
T 25	23 26	23 13	1 10	22 30	0 18	23 35	0 8	12 17	3 8	7 19	1 11	11 0	1 39	22 10	0 29	22 9	0 53	2 11	14 59	19 41	19 18	22 2	15 28	7 26
W26	23 25	25 26	2 11	22 46	0 11	23 39	0 11	12 16	3 10	7 19	1 11	11 1	1 39	22 9	0 29	22 9	0 53	2 11	15 0	19 41	19 17	22 4	15 29	7 26
T 27	23 22	26 30	3 6	23 1	0 3	23 41	0 13	12 15	3 12	7 19	1 12	11 1	1 40	22 9	0 29	22 9	0 53	2 11	15 0	19 40	19 16	22 6	15 29	7 26
F 28	23 20	26 20	3 54	23 14	0s 4	23 43	0 15	12 14	3 14	7 19	1 12	11 2	1 40	22 8	0 29	22 9	0 53	2 12	15 0	19 38	19 16	22 8	15 29	7 26
S 29	23 17	24 53	4 32	23 27	0 11	23 45	0 18	12 13	3 16	7 19	1 12	11 3	1 40	22 8	0 29	22 10	0 53	2 12	15 1	19 37	19 15	22 10	15 29	7 27
S 30	23 13	22 13	4 57	23 39	0 18	23 45	0 20	12 13	3 18	7 20	1 13	11 4	1 40	22 7	0 29	22 10	0 53	2 12	15 1	19 35	19 14	22 12	15 30	7 27
M31	23s 9	18s29	5s 9	23s49	0s25	23s45	0s22	12n13	3n21	7n20	1n13	11n 4	1n41	22s 6	0s29	22n10	0s53	2s12	15n 1	19n33	19n13	22s14	15n30	7s27

Julian Day Number = 2357646.5, Delta T = 14.01 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'04, Lahiri = 20°16'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

JANUARY 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 49	10♑15'56	6♓33	27♐ 7	6♑15	6♍40	14°R14	5°R27	22♑17	10°R42	15♏54	27°R 3	25♉42	6♐ 4	12°R 7	T 1
W 2	6 44 46	11°17'06	19°35	28°38	7°31	6°44	14♍14	5♍26	22°20	10♋40	15°56	26♉59	25°38	6°11	12♋ 2	W 2
T 3	6 48 42	12°18'16	2♈54	0♑ 9	8°46	6°47	14°13	5°24	22°24	10°38	15°57	26°56	25°35	6°18	11°58	T 3
F 4	6 52 39	13°19'26	16°30	1°41	10° 2	6°50	14°12	5°22	22°27	10°37	15°59	26°D56	25°32	6°24	11°54	F 4
S 5	6 56 36	14°20'35	0♉24	3°13	11°17	6°52	14°11	5°20	22°31	10°35	16° 0	26°57	25°29	6°31	11°50	S 5
S 6	7 0 32	15°21'43	14°38	4°46	12°33	6°53	14°10	5°17	22°34	10°33	16° 2	26°58	25°26	6°37	11°45	S 6
M 7	7 4 29	16°22'52	29° 9	6°19	13°48	6°R54	14° 8	5°15	22°38	10°32	16° 3	26°R58	25°22	6°44	11°41	M 7
T 8	7 8 25	17°23'59	13♊56	7°53	15° 4	6°54	14° 7	5°13	22°41	10°30	16° 5	26°57	25°19	6°51	11°37	T 8
W 9	7 12 22	18°25'06	28°51	9°27	16°19	6°53	14° 5	5°10	22°45	10°28	16° 6	26°54	25°16	6°57	11°33	W 9
T 10	7 16 18	19°26'13	13♋47	11° 2	17°35	6°51	14° 3	5° 8	22°48	10°27	16° 8	26°48	25°13	7° 4	11°28	T 10
F 11	7 20 15	20°27'19	28°36	12°37	18°50	6°49	14° 1	5° 5	22°52	10°25	16° 9	26°40	25°10	7°11	11°24	F 11
S 12	7 24 12	21°28'25	13♌ 9	14°12	20° 6	6°45	13°58	5° 2	22°55	10°23	16°10	26°31	25° 7	7°17	11°20	S 12
S 13	7 28 8	22°29'30	27°19	15°48	21°21	6°41	13°56	5° 0	22°59	10°22	16°12	26°21	25° 3	7°24	11°16	S 13
M14	7 32 5	23°30'35	11♍ 2	17°25	22°36	6°36	13°53	4°57	23° 2	10°20	16°13	26°13	25° 0	7°31	11°12	M14
T 15	7 36 1	24°31'40	24°18	19° 2	23°52	6°31	13°50	4°54	23° 6	10°18	16°14	26° 7	24°57	7°37	11° 8	T 15
W16	7 39 58	25°32'44	7♎ 7	20°39	25° 7	6°24	13°47	4°51	23° 9	10°17	16°15	26° 2	24°54	7°44	11° 4	W16
T 17	7 43 54	26°33'48	19°33	22°17	26°23	6°17	13°44	4°47	23°13	10°15	16°16	26° 0	24°51	7°51	11° 0	T 17
F 18	7 47 51	27°34'51	1♏41	23°56	27°38	6° 9	13°40	4°44	23°16	10°13	16°17	26°D 0	24°48	7°57	10°55	F 18
S 19	7 51 47	28°35'54	13°36	25°35	28°54	6° 0	13°36	4°41	23°20	10°12	16°19	26° 1	24°44	8° 4	10°51	S 19
S 20	7 55 44	29°36'57	25°24	27°15	0♒ 9	5°50	13°33	4°37	23°24	10°10	16°20	26°R 1	24°41	8°11	10°48	S 20
M21	7 59 41	0♒37'59	7♐10	28°56	1°24	5°40	13°29	4°34	23°27	10° 9	16°21	26° 1	24°38	8°17	10°44	M21
T 22	8 3 37	1°39'01	18°59	0♒37	2°40	5°29	13°24	4°30	23°31	10° 7	16°22	25°58	24°35	8°24	10°40	T 22
W23	8 7 34	2°40'02	0♑54	2°19	3°55	5°17	13°20	4°27	23°34	10° 6	16°23	25°52	24°32	8°31	10°36	W23
T 24	8 11 30	3°41'02	13° 0	4° 1	5°10	5° 4	13°15	4°23	23°38	10° 4	16°24	25°44	24°28	8°37	10°32	T 24
F 25	8 15 27	4°42'01	25°17	5°44	6°26	4°50	13°11	4°19	23°41	10° 2	16°24	25°33	24°25	8°44	10°28	F 25
S 26	8 19 23	5°43'00	7♒48	7°28	7°41	4°36	13° 6	4°15	23°45	10° 1	16°25	25°21	24°22	8°50	10°25	S 26
S 27	8 23 20	6°43'57	20°31	9°12	8°57	4°21	13° 1	4°11	23°48	9°59	16°26	25° 8	24°19	8°57	10°21	S 27
M28	8 27 16	7°44'54	3♓27	10°57	10°12	4° 5	12°56	4° 7	23°52	9°58	16°27	24°55	24°16	9° 4	10°17	M28
T 29	8 31 13	8°45'49	16°35	12°42	11°27	3°48	12°50	4° 3	23°55	9°57	16°28	24°44	24°13	9°10	10°14	T 29
W30	8 35 10	9°46'42	29°53	14°28	12°43	3°31	12°45	3°59	23°58	9°55	16°28	24°36	24° 9	9°17	10°10	W30
T 31	8 39 6	10♒47'35	13♈23	16♒15	13♒58	3♍13	12♍39	3♍55	24♑ 2	9♋54	16♏29	24♉30	24♉ 6	9♐24	10♋ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 5	13s50	5s 5	23s58	0s32	23s44	0s25	12n13	3n23	7n20	1n13	11n 5	1n41	22s 6	0s29	22n10	0s53	2s12	15n 2	19n32	19n13	22s16	15n30	7s27
W 2	23 0	8 30	4 46	24 7	0 39	23 43	0 27	12 13	3 25	7 21	1 13	11 6	1 41	22 5	0 29	22 10	0 53	2 12	15 2	19 31	19 12	22 18	15 30	7 27
T 3	22 54	2 41	4 11	24 13	0 45	23 40	0 29	12 14	3 27	7 21	1 14	11 7	1 41	22 5	0 29	22 10	0 53	2 12	15 3	19 30	19 11	22 20	15 31	7 27
F 4	22 48	3n24	3 21	24 19	0 51	23 37	0 31	12 15	3 29	7 22	1 14	11 8	1 42	22 4	0 29	22 10	0 53	2 12	15 3	19 30	19 10	22 22	15 31	7 27
S 5	22 42	9 28	2 19	24 23	0 57	23 33	0 34	12 16	3 31	7 22	1 14	11 9	1 42	22 4	0 29	22 11	0 53	2 12	15 3	19 30	19 10	22 24	15 31	7 27
S 6	22 35	15 12	1 6	24 26	1 3	23 29	0 36	12 18	3 33	7 23	1 15	11 10	1 42	22 3	0 29	22 11	0 53	2 12	15 4	19 31	19 9	22 26	15 32	7 27
M 7	22 28	20 11	0n12	24 28	1 9	23 23	0 38	12 19	3 35	7 24	1 15	11 11	1 42	22 2	0 29	22 11	0 53	2 12	15 4	19 31	19 8	22 28	15 32	7 27
T 8	22 20	24 0	1 30	24 29	1 14	23 17	0 40	12 21	3 38	7 25	1 15	11 12	1 42	22 2	0 29	22 11	0 53	2 12	15 4	19 30	19 7	22 30	15 32	7 27
W 9	22 12	26 11	2 43	24 28	1 20	23 10	0 42	12 24	3 40	7 26	1 15	11 13	1 43	22 1	0 29	22 11	0 53	2 12	15 5	19 30	19 7	22 32	15 33	7 27
T 10	22 4	26 29	3 44	24 25	1 25	23 3	0 44	12 26	3 42	7 27	1 16	11 14	1 43	22 1	0 29	22 11	0 53	2 12	15 5	19 28	19 6	22 34	15 33	7 27
F 11	21 55	24 53	4 30	24 21	1 29	22 55	0 46	12 29	3 44	7 28	1 16	11 15	1 43	22 0	0 29	22 11	0 53	2 12	15 6	19 26	19 5	22 36	15 33	7 27
S 12	21 45	21 39	4 58	24 16	1 34	22 46	0 48	12 32	3 46	7 29	1 16	11 17	1 43	22 0	0 29	22 12	0 53	2 12	15 6	19 24	19 4	22 38	15 34	7 27
S 13	21 36	17 12	5 6	24 10	1 38	22 36	0 50	12 36	3 48	7 30	1 16	11 18	1 44	21 59	0 29	22 12	0 53	2 12	15 7	19 22	19 3	22 40	15 34	7 27
M14	21 25	11 59	4 56	24 2	1 42	22 26	0 52	12 40	3 50	7 32	1 17	11 19	1 44	21 58	0 29	22 12	0 53	2 12	15 7	19 20	19 3	22 42	15 35	7 27
T 15	21 15	6 24	4 30	23 52	1 46	22 15	0 54	12 44	3 52	7 33	1 17	11 21	1 44	21 58	0 29	22 12	0 53	2 12	15 7	19 19	19 2	22 44	15 35	7 27
W16	21 4	0 43	3 51	23 41	1 49	22 3	0 56	12 48	3 54	7 35	1 17	11 22	1 44	21 57	0 29	22 12	0 53	2 12	15 8	19 18	19 1	22 46	15 35	7 27
T 17	20 52	4s51	3 2	23 28	1 52	21 51	0 58	12 53	3 56	7 36	1 18	11 23	1 44	21 57	0 29	22 12	0 52	2 12	15 8	19 17	19 0	22 48	15 36	7 27
F 18	20 40	10 6	2 7	23 14	1 55	21 38	0 59	12 57	3 58	7 38	1 18	11 25	1 45	21 56	0 29	22 12	0 52	2 12	15 9	19 17	19 0	22 50	15 36	7 27
S 19	20 28	14 54	1 6	22 59	1 58	21 25	1 1	13 3	4 0	7 39	1 18	11 26	1 45	21 55	0 29	22 13	0 52	2 12	15 9	19 17	18 59	22 51	15 37	7 26
S 20	20 16	19 5	0 3	22 42	2 0	21 10	1 3	13 8	4 2	7 41	1 18	11 27	1 45	21 55	0 29	22 13	0 52	2 11	15 10	19 17	18 58	22 53	15 37	7 26
M21	20 3	22 31	0s59	22 23	2 1	20 55	1 4	13 14	4 4	7 43	1 19	11 29	1 45	21 54	0 29	22 13	0 52	2 11	15 10	19 17	18 57	22 55	15 38	7 26
T 22	19 49	25 0	1 59	22 3	2 3	20 40	1 6	13 20	4 6	7 45	1 19	11 30	1 45	21 54	0 29	22 13	0 52	2 11	15 10	19 16	18 57	22 57	15 38	7 26
W23	19 36	26 23	2 55	21 41	2 4	20 24	1 8	13 26	4 8	7 47	1 19	11 32	1 46	21 53	0 29	22 13	0 52	2 11	15 11	19 15	18 56	22 59	15 39	7 26
T 24	19 21	26 32	3 43	21 18	2 5	20 7	1 9	13 32	4 10	7 49	1 19	11 34	1 46	21 52	0 29	22 13	0 52	2 11	15 11	19 13	18 55	23 1	15 39	7 25
F 25	19 7	25 23	4 21	20 53	2 5	19 50	1 10	13 39	4 11	7 51	1 20	11 35	1 46	21 52	0 29	22 13	0 52	2 11	15 12	19 11	18 54	23 3	15 40	7 25
S 26	18 52	22 58	4 48	20 26	2 4	19 32	1 12	13 46	4 13	7 53	1 20	11 37	1 46	21 51	0 29	22 14	0 52	2 10	15 12	19 8	18 53	23 5	15 40	7 25
S 27	18 37	19 25	5 0	19 58	2 4	19 13	1 13	13 53	4 15	7 55	1 20	11 38	1 46	21 51	0 29	22 14	0 52	2 10	15 13	19 5	18 53	23 7	15 41	7 25
M28	18 22	14 53	4 58	19 28	2 3	18 54	1 14	14 0	4 16	7 57	1 20	11 40	1 47	21 50	0 29	22 14	0 52	2 10	15 13	19 1	18 52	23 9	15 41	7 24
T 29	18 6	9 36	4 40	18 57	2 1	18 35	1 16	14 7	4 18	7 59	1 20	11 42	1 47	21 50	0 29	22 14	0 52	2 10	15 14	18 59	18 51	23 10	15 42	7 24
W30	17 50	3 49	4 7	18 24	1 59	18 15	1 17	14 15	4 19	8 2	1 21	11 43	1 47	21 49	0 29	22 14	0 52	2 9	15 14	18 57	18 50	23 12	15 42	7 24
T 31	17s33	2n14	3s19	17s50	1s56	17s54	1s18	14n23	4n20	8n 4	1n21	11n45	1n47	21s48	0s29	22n14	0s52	2s 9	15n15	18n55	18n50	23s14	15n43	7s23

Julian Day Number = 2357677.5, Delta T = 14.03 sec
Ecliptic obliquity = 23°28'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'09, Lahiri = 20°16'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

FEBRUARY 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 3	11♒48'26	27♈ 2	18♒ 2	15♒13	2°R55	12°R33	3°R51	24♉ 5	9°R52	16♏30	24°R28	24♉ 3	9♐30	10°R 3	F 1
S 2	8 46 59	12°49'16	10♉53	19°49	16°28	2♏35	12♏27	3♏46	24° 9	9♋51	16°30	24°D27	24° 0	9°37	10♋ 0	S 2
S 3	8 50 56	13°50'04	24°54	21°37	17°44	2°16	12°21	3°42	24°12	9°50	16°31	24°R27	23°57	9°44	9°57	S 3
M 4	8 54 52	14°50'50	9♊ 7	23°25	18°59	1°56	12°15	3°37	24°16	9°48	16°31	24♉26	23°54	9°50	9°54	M 4
T 5	8 58 49	15°51'36	23°29	25°13	20°14	1°35	12° 9	3°33	24°19	9°47	16°32	24°24	23°50	9°57	9°51	T 5
W 6	9 2 45	16°52'19	7♋58	27° 1	21°29	1°14	12° 3	3°29	24°22	9°46	16°32	24°19	23°47	10° 4	9°47	W 6
T 7	9 6 42	17°53'01	22°29	28°48	22°45	0°52	11°56	3°24	24°26	9°44	16°33	24°11	23°44	10°10	9°44	T 7
F 8	9 10 39	18°53'42	6♌56	0♓36	24° 0	0°30	11°49	3°19	24°29	9°43	16°33	24° 0	23°41	10°17	9°42	F 8
S 9	9 14 35	19°54'21	21°12	2°22	25°15	0° 7	11°43	3°15	24°32	9°42	16°33	23°48	23°38	10°24	9°39	S 9
S 10	9 18 32	20°54'59	5♍12	4° 7	26°30	29♌45	11°36	3°10	24°35	9°41	16°34	23°35	23°34	10°30	9°36	S 10
M11	9 22 28	21°55'35	18°49	5°51	27°45	29°22	11°29	3° 6	24°39	9°40	16°34	23°23	23°31	10°37	9°33	M11
T 12	9 26 25	22°56'10	2♎ 4	7°33	29° 0	28°58	11°22	3° 1	24°42	9°38	16°34	23°14	23°28	10°44	9°31	T 12
W13	9 30 21	23°56'43	14°54	9°13	0♓15	28°35	11°15	2°56	24°45	9°37	16°34	23° 7	23°25	10°50	9°28	W13
T 14	9 34 18	24°57'15	27°23	10°50	1°30	28°11	11° 7	2°51	24°48	9°36	16°35	23° 2	23°22	10°57	9°26	T 14
F 15	9 38 14	25°57'46	9♏33	12°24	2°46	27°47	11° 0	2°47	24°52	9°35	16°35	23° 0	23°19	11° 3	9°23	F 15
S 16	9 42 11	26°58'16	21°31	13°54	4° 1	27°23	10°53	2°42	24°55	9°34	16°35	23° 0	23°15	11°10	9°21	S 16
S 17	9 46 8	27°58'44	3♐20	15°20	5°16	27° 0	10°45	2°37	24°58	9°33	16°35	23° 0	23°12	11°17	9°19	S 17
M18	9 50 4	28°59'12	15° 8	16°40	6°31	26°36	10°38	2°32	25° 1	9°32	16°R35	22°59	23° 9	11°23	9°16	M18
T 19	9 54 1	29°59'37	26°59	17°55	7°46	26°12	10°30	2°27	25° 4	9°31	16°35	22°57	23° 6	11°30	9°14	T 19
W20	9 57 57	1♓ 0'02	8♉58	19° 3	9° 1	25°48	10°22	2°23	25° 7	9°30	16°35	22°51	23° 3	11°37	9°12	W20
T 21	10 1 54	2° 0'25	21°10	20° 5	10°16	25°25	10°15	2°18	25°10	9°29	16°35	22°43	23° 0	11°43	9°11	T 21
F 22	10 5 50	3° 0'46	3♒37	20°58	11°31	25° 1	10° 7	2°13	25°13	9°28	16°35	22°33	22°56	11°50	9° 9	F 22
S 23	10 9 47	4° 1'06	16°21	21°44	12°46	24°38	9°59	2° 8	25°16	9°27	16°34	22°20	22°53	11°57	9° 7	S 23
S 24	10 13 43	5° 1'24	29°23	22°20	14° 1	24°15	9°52	2° 3	25°19	9°27	16°34	22° 7	22°50	12° 3	9° 5	S 24
M25	10 17 40	6° 1'40	12♓41	22°48	15°15	23°53	9°44	1°58	25°22	9°26	16°34	21°54	22°47	12°10	9° 4	M25
T 26	10 21 37	7° 1'54	26°13	23° 6	16°30	23°31	9°36	1°54	25°25	9°25	16°34	21°43	22°44	12°17	9° 2	T 26
W27	10 25 33	8° 2'07	9♈56	23°R15	17°45	23° 9	9°28	1°49	25°27	9°24	16°33	21°35	22°40	12°23	9° 1	W27
T 28	10 29 30	9♓ 2'17	23♈48	23♓14	19♓ 0	22♌48	9♍20	1♍44	25♉30	9♋24	16♏33	21♉29	22♉37	12♐30	9♋ 0	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s16	8n16	2s20	17s14	1s53	17s33	1s19	14n31	4n22	8n 6	1n21	11n47	1n47	21s48	0s29	22n14	0s52	2s 9	15n15	18n55	18n49	23s16	15n44	7s23	F 1
S 2	16 59	13 59	1 11	16 37	1 49	17 11	1 20	14 39	4 23	8 9	1 21	11 48	1 47	21 47	0 29	22 15	0 52	2 9	15 15	18 55	18 48	23 18	15 44	7 23	S 2
S 3	16 42	19 4	0n 2	15 58	1 45	16 49	1 21	14 47	4 24	8 11	1 22	11 50	1 48	21 47	0 29	22 15	0 52	2 8	15 16	18 55	18 47	23 20	15 45	7 22	S 3
M 4	16 24	23 7	1 17	15 18	1 40	16 27	1 22	14 55	4 25	8 14	1 22	11 52	1 48	21 46	0 29	22 15	0 52	2 8	15 16	18 54	18 46	23 22	15 45	7 22	M 4
T 5	16 6	25 46	2 27	14 37	1 34	16 4	1 22	15 4	4 26	8 17	1 22	11 54	1 48	21 45	0 29	22 15	0 52	2 8	15 17	18 54	18 46	23 23	15 46	7 22	T 5
W 6	15 48	26 42	3 28	13 54	1 28	15 40	1 23	15 12	4 27	8 19	1 22	11 55	1 48	21 45	0 29	22 15	0 52	2 7	15 17	18 53	18 45	23 25	15 46	7 21	W 6
T 7	15 30	25 48	4 16	13 10	1 21	15 17	1 24	15 21	4 27	8 22	1 22	11 57	1 48	21 44	0 29	22 15	0 52	2 7	15 18	18 51	18 44	23 27	15 47	7 21	T 7
F 8	15 11	23 12	4 47	12 25	1 13	14 52	1 24	15 29	4 28	8 25	1 22	11 59	1 48	21 44	0 29	22 15	0 52	2 7	15 18	18 48	18 43	23 29	15 48	7 21	F 8
S 9	14 52	19 11	5 0	11 39	1 5	14 28	1 25	15 38	4 28	8 27	1 23	12 1	1 48	21 43	0 29	22 15	0 52	2 6	15 19	18 45	18 42	23 31	15 48	7 20	S 9
S 10	14 33	14 11	4 54	10 52	0 55	14 2	1 26	15 46	4 29	8 30	1 23	12 3	1 49	21 43	0 29	22 15	0 52	2 6	15 19	18 42	18 42	23 32	15 49	7 20	S 10
M11	14 13	8 35	4 32	10 5	0 46	13 37	1 26	15 55	4 29	8 33	1 23	12 4	1 49	21 42	0 29	22 16	0 52	2 5	15 20	18 39	18 41	23 34	15 49	7 19	M11
T 12	13 53	2 46	3 55	9 17	0 35	13 11	1 26	16 3	4 29	8 36	1 23	12 6	1 49	21 41	0 29	22 16	0 52	2 5	15 20	18 36	18 40	23 36	15 50	7 19	T 12
W13	13 34	3s 0	3 7	8 30	0 24	12 45	1 27	16 12	4 30	8 39	1 23	12 8	1 49	21 41	0 29	22 16	0 52	2 5	15 21	18 35	18 39	23 38	15 51	7 18	W13
T 14	13 13	8 31	2 11	7 42	0 12	12 18	1 27	16 20	4 30	8 42	1 23	12 10	1 49	21 40	0 29	22 16	0 52	2 4	15 21	18 34	18 38	23 40	15 51	7 18	T 14
F 15	12 53	13 35	1 11	6 55	0n 0	11 52	1 27	16 28	4 30	8 44	1 24	12 12	1 49	21 40	0 29	22 16	0 52	2 4	15 22	18 33	18 38	23 41	15 52	7 18	F 15
S 16	12 32	18 2	0 8	6 8	0 14	11 24	1 27	16 36	4 29	8 47	1 24	12 14	1 49	21 39	0 29	22 16	0 52	2 3	15 22	18 33	18 37	23 43	15 53	7 17	S 16
S 17	12 12	21 45	0s55	5 22	0 27	10 57	1 27	16 44	4 29	8 50	1 24	12 15	1 49	21 39	0 29	22 16	0 52	2 3	15 23	18 33	18 36	23 45	15 53	7 17	S 17
M18	11 51	24 32	1 54	4 38	0 41	10 29	1 27	16 52	4 29	8 53	1 24	12 17	1 49	21 38	0 29	22 16	0 52	2 3	15 23	18 33	18 35	23 47	15 54	7 16	M18
T 19	11 29	26 16	2 50	3 55	0 56	10 1	1 27	17 0	4 28	8 56	1 24	12 19	1 49	21 38	0 29	22 16	0 52	2 2	15 24	18 32	18 34	23 48	15 54	7 16	T 19
W20	11 8	26 48	3 38	3 15	1 11	9 33	1 27	17 8	4 27	8 59	1 24	12 21	1 50	21 37	0 29	22 17	0 52	2 2	15 24	18 31	18 34	23 50	15 55	7 15	W20
T 21	10 47	26 2	4 17	2 37	1 26	9 4	1 27	17 15	4 27	9 2	1 24	12 23	1 50	21 37	0 29	22 17	0 52	2 1	15 24	18 29	18 33	23 52	15 56	7 15	T 21
F 22	10 25	23 59	4 45	2 3	1 41	8 35	1 26	17 22	4 26	9 5	1 25	12 24	1 50	21 36	0 29	22 17	0 51	2 1	15 25	18 26	18 32	23 54	15 56	7 14	F 22
S 23	10 3	20 42	4 59	1 31	1 56	8 6	1 26	17 29	4 25	9 8	1 25	12 26	1 50	21 36	0 29	22 17	0 51	2 0	15 25	18 23	18 31	23 55	15 57	7 14	S 23
S 24	9 41	16 21	4 58	1 3	2 10	7 37	1 26	17 36	4 24	9 11	1 25	12 28	1 50	21 35	0 29	22 17	0 51	2 0	15 26	18 20	18 30	23 57	15 58	7 13	S 24
M25	9 19	11 8	4 41	0 39	2 24	7 8	1 25	17 43	4 23	9 14	1 25	12 30	1 50	21 34	0 29	22 17	0 51	1 59	15 26	18 16	18 30	23 59	15 58	7 13	M25
T 26	8 57	5 19	4 9	0 20	2 38	6 38	1 25	17 49	4 22	9 18	1 25	12 32	1 50	21 34	0 29	22 17	0 51	1 59	15 27	18 13	18 29	24 1	15 59	7 12	T 26
W27	8 34	0n52	3 21	0 4	2 51	6 8	1 24	17 55	4 20	9 21	1 25	12 33	1 50	21 33	0 29	22 17	0 51	1 58	15 27	18 11	18 28	24 2	16 0	7 11	W27
T 28	8s12	7n 4	2s21	0n 6	3n 2	5s38	1s23	18n 1	4n19	9n24	1n25	12n35	1n50	21s33	0s29	22n17	0s51	1s58	15n28	18n10	18n27	24s 4	16n 0	7s11	T 28

Julian Day Number = 2357708.5, Delta T = 14.06 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'13, Lahiri = 20°16'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

MARCH 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 33 26	10♓ 2'26	7♉45	23°R 4	20♓15	22°R27	9°R12	1°R39	25♋33	9°R23	16°R33	21°R26	22♉34	12♐37	8°R59	F 1
S 2	10 37 23	11° 2'32	21°46	22♓45	21°30	22♌ 7	9♍ 4	1♍35	25°36	9♋22	16♏32	21°D26	22°31	12°43	8♋57	S 2
S 3	10 41 19	12° 2'37	5♊50	22°17	22°45	21°47	8°57	1°30	25°39	9°22	16°32	21°R26	22°28	12°50	8°56	S 3
M 4	10 45 16	13° 2'39	19°56	21°42	23°59	21°28	8°49	1°25	25°41	9°21	16°31	21♉26	22°25	12°57	8°56	M 4
T 5	10 49 12	14° 2'39	4♋ 4	21° 0	25°14	21° 9	8°41	1°21	25°44	9°21	16°31	21°24	22°21	13° 3	8°55	T 5
W 6	10 53 9	15° 2'37	18°11	20°12	26°29	20°52	8°33	1°16	25°46	9°20	16°30	21°20	22°18	13°10	8°54	W 6
T 7	10 57 6	16° 2'33	2♌15	19°19	27°43	20°34	8°25	1°11	25°49	9°20	16°30	21°14	22°15	13°17	8°53	T 7
F 8	11 1 2	17° 2'26	16°14	18°23	28°58	20°18	8°18	1° 7	25°52	9°19	16°29	21° 5	22°12	13°23	8°53	F 8
S 9	11 4 59	18° 2'17	0♍ 3	17°26	0♈13	20° 2	8°10	1° 2	25°54	9°19	16°29	20°55	22° 9	13°30	8°52	S 9
S 10	11 8 55	19° 2'06	13°40	16°27	1°27	19°47	8° 3	0°58	25°57	9°18	16°28	20°44	22° 5	13°37	8°52	S 10
M11	11 12 52	20° 1'54	27° 0	15°29	2°42	19°32	7°55	0°53	25°59	9°18	16°27	20°34	22° 2	13°43	8°52	M11
T 12	11 16 48	21° 1'39	10♎ 1	14°33	3°56	19°19	7°47	0°49	26° 1	9°18	16°27	20°25	21°59	13°50	8°52	T 12
W13	11 20 45	22° 1'22	22°44	13°40	5°11	19° 6	7°40	0°45	26° 4	9°17	16°26	20°19	21°56	13°56	8°D52	W13
T 14	11 24 41	23° 1'03	5♏ 9	12°51	6°25	18°54	7°33	0°40	26° 6	9°17	16°25	20°16	21°53	14° 3	8°52	T 14
F 15	11 28 38	24° 0'43	17°19	12° 6	7°40	18°42	7°25	0°36	26° 8	9°17	16°24	20°D14	21°50	14°10	8°52	F 15
S 16	11 32 34	25° 0'21	29°17	11°26	8°54	18°32	7°18	0°32	26°11	9°17	16°23	20°15	21°46	14°16	8°52	S 16
S 17	11 36 31	25°59'57	11♐ 8	10°52	10° 9	18°22	7°11	0°28	26°13	9°17	16°22	20°16	21°43	14°23	8°52	S 17
M18	11 40 28	26°59'32	22°56	10°24	11°23	18°13	7° 4	0°24	26°15	9°17	16°22	20°R17	21°40	14°30	8°53	M18
T 19	11 44 24	27°59'04	4♑48	10° 2	12°37	18° 4	6°57	0°20	26°17	9°17	16°21	20°16	21°37	14°36	8°53	T 19
W20	11 48 21	28°58'35	16°49	9°46	13°52	17°57	6°50	0°16	26°19	9°16	16°20	20°15	21°34	14°43	8°54	W20
T 21	11 52 17	29°58'04	29° 3	9°36	15° 6	17°50	6°43	0°12	26°21	9°D16	16°19	20°11	21°31	14°50	8°55	T 21
F 22	11 56 14	0♈57'32	11♒34	9°D33	16°20	17°44	6°37	0° 8	26°23	9°16	16°18	20° 5	21°27	14°56	8°55	F 22
S 23	12 0 10	1°56'57	24°26	9°35	17°35	17°39	6°30	0° 4	26°25	9°17	16°17	19°57	21°24	15° 3	8°56	S 23
S 24	12 4 7	2°56'21	7♓39	9°42	18°49	17°35	6°24	0° 1	26°27	9°17	16°16	19°49	21°21	15°10	8°57	S 24
M25	12 8 3	3°55'42	21°13	9°55	20° 3	17°31	6°18	29♌57	26°29	9°17	16°14	19°41	21°18	15°16	8°58	M25
T 26	12 12 0	4°55'02	5♈ 7	10°13	21°17	17°28	6°11	29°54	26°31	9°17	16°13	19°34	21°15	15°23	9° 0	T 26
W27	12 15 57	5°54'19	19°15	10°36	22°31	17°26	6° 5	29°50	26°32	9°17	16°12	19°29	21°11	15°30	9° 1	W27
T 28	12 19 53	6°53'34	3♉33	11° 4	23°46	17°25	5°59	29°47	26°34	9°17	16°11	19°26	21° 8	15°36	9° 2	T 28
F 29	12 23 50	7°52'48	17°56	11°36	25° 0	17°D24	5°54	29°43	26°36	9°18	16°10	19°D25	21° 5	15°43	9° 4	F 29
S 30	12 27 46	8°51'59	2♊20	12°12	26°14	17°25	5°48	29°40	26°37	9°18	16° 9	19°25	21° 2	15°50	9° 5	S 30
S 31	12 31 43	9♈51'08	16♊40	12♓52	27♈28	17♌25	5♍43	29♌37	26♋39	9♋18	16♏ 7	19♉27	20♉59	15♐56	9♋ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	7s49	12n59	1s12	0n12	3n13	5s 8	1s23	18n 6	4n17	9n27	1n25	12n37	1n50	21s33	0s29	22n17	0s51	1s57	15n28	18n 9	18n26	24s 6	16n 1	7s10	F 1
S 2	7 26	18 16	0n 2	0 12	3 22	4 38	1 22	18 11	4 16	9 30	1 25	12 39	1 50	21 32	0 29	22 17	0 51	1 57	15 28	18 9	18 26	24 7	16 1	7 10	S 2
S 3	7 3	22 33	1 16	0 8	3 29	4 7	1 21	18 16	4 14	9 33	1 25	12 40	1 50	21 32	0 29	22 18	0 51	1 56	15 29	18 9	18 25	24 9	16 2	7 9	S 3
M 4	6 40	25 31	2 25	0s 0	3 35	3 37	1 20	18 21	4 12	9 36	1 25	12 42	1 50	21 31	0 29	22 18	0 51	1 56	15 29	18 9	18 24	24 11	16 3	7 9	M 4
T 5	6 17	26 51	3 26	0 13	3 39	3 6	1 19	18 25	4 11	9 39	1 25	12 44	1 50	21 31	0 29	22 18	0 51	1 55	15 30	18 8	18 23	24 12	16 3	7 8	T 5
W 6	5 54	26 26	4 14	0 31	3 40	2 36	1 18	18 29	4 9	9 42	1 25	12 46	1 50	21 30	0 29	22 18	0 51	1 54	15 30	18 7	18 22	24 14	16 4	7 8	W 6
T 7	5 31	24 20	4 47	0 51	3 40	2 5	1 17	18 33	4 7	9 44	1 25	12 47	1 50	21 30	0 29	22 18	0 51	1 54	15 31	18 6	18 22	24 16	16 5	7 7	T 7
F 8	5 8	20 48	5 2	1 15	3 38	1 34	1 16	18 36	4 5	9 47	1 25	12 49	1 50	21 29	0 29	22 18	0 51	1 53	15 31	18 3	18 21	24 17	16 5	7 6	F 8
S 9	4 44	16 8	4 59	1 42	3 33	1 3	1 15	18 40	4 3	9 50	1 25	12 50	1 50	21 29	0 29	22 18	0 51	1 53	15 31	18 1	18 20	24 19	16 6	7 6	S 9
S 10	4 21	10 44	4 40	2 10	3 27	0 33	1 13	18 43	4 1	9 53	1 25	12 52	1 50	21 28	0 29	22 18	0 51	1 52	15 32	17 58	18 19	24 21	16 6	7 5	S 10
M11	3 57	4 56	4 5	2 40	3 19	0 2	1 12	18 45	3 59	9 56	1 25	12 54	1 50	21 28	0 30	22 18	0 51	1 52	15 32	17 55	18 18	24 22	16 7	7 5	M11
T 12	3 34	0s57	3 18	3 11	3 9	0n29	1 11	18 47	3 56	9 59	1 25	12 55	1 50	21 28	0 30	22 18	0 51	1 51	15 33	17 53	18 17	24 24	16 8	7 4	T 12
W13	3 10	6 40	2 22	3 41	2 58	1 0	1 9	18 49	3 54	10 2	1 25	12 57	1 50	21 27	0 30	22 18	0 51	1 51	15 33	17 51	18 17	24 26	16 8	7 3	W13
T 14	2 47	12 0	1 20	4 12	2 46	1 31	1 8	18 51	3 52	10 4	1 25	12 58	1 50	21 27	0 30	22 18	0 51	1 50	15 33	17 50	18 16	24 27	16 9	7 3	T 14
F 15	2 23	16 46	0 16	4 41	2 33	2 2	1 6	18 53	3 50	10 7	1 25	13 0	1 50	21 26	0 30	22 18	0 51	1 49	15 34	17 50	18 15	24 29	16 9	7 2	F 15
S 16	1 59	20 49	0s48	5 9	2 19	2 33	1 4	18 54	3 47	10 10	1 25	13 1	1 50	21 26	0 30	22 18	0 51	1 49	15 34	17 50	18 14	24 30	16 10	7 2	S 16
S 17	1 36	23 57	1 50	5 35	2 4	3 4	1 3	18 55	3 45	10 12	1 25	13 3	1 50	21 25	0 30	22 18	0 51	1 48	15 35	17 50	18 13	24 32	16 11	7 1	S 17
M18	1 12	26 3	2 47	6 0	1 49	3 34	1 1	18 55	3 43	10 15	1 25	13 4	1 50	21 25	0 30	22 18	0 51	1 48	15 35	17 50	18 12	24 34	16 11	7 0	M18
T 19	0 48	26 59	3 36	6 22	1 34	4 5	0 59	18 56	3 40	10 17	1 25	13 6	1 50	21 25	0 30	22 19	0 51	1 47	15 35	17 50	18 12	24 35	16 12	7 0	T 19
W20	0 24	26 40	4 17	6 42	1 19	4 36	0 57	18 56	3 38	10 20	1 25	13 7	1 50	21 24	0 30	22 19	0 51	1 46	15 36	17 50	18 11	24 37	16 12	6 59	W20
T 21	0 1	25 4	4 47	7 0	1 4	5 6	0 56	18 55	3 35	10 22	1 25	13 8	1 50	21 24	0 30	22 19	0 50	1 46	15 36	17 49	18 10	24 38	16 13	6 59	T 21
F 22	0n23	22 12	5 4	7 15	0 49	5 37	0 54	18 55	3 33	10 25	1 25	13 10	1 50	21 24	0 30	22 19	0 50	1 45	15 36	17 47	18 9	24 40	16 13	6 58	F 22
S 23	0 47	18 13	5 7	7 28	0 34	6 7	0 52	18 54	3 31	10 27	1 25	13 11	1 50	21 23	0 30	22 19	0 50	1 45	15 37	17 45	18 8	24 41	16 14	6 57	S 23
S 24	1 10	13 14	4 53	7 38	0 20	6 37	0 50	18 53	3 28	10 30	1 25	13 12	1 50	21 23	0 30	22 19	0 50	1 44	15 37	17 43	18 8	24 43	16 14	6 57	S 24
M25	1 34	7 30	4 23	7 46	0 6	7 7	0 48	18 52	3 26	10 32	1 25	13 13	1 50	21 23	0 30	22 19	0 50	1 43	15 37	17 41	18 7	24 45	16 15	6 56	M25
T 26	1 57	1 17	3 36	7 52	0s 8	7 37	0 46	18 51	3 23	10 34	1 25	13 15	1 50	21 22	0 30	22 19	0 50	1 43	15 38	17 39	18 6	24 46	16 15	6 56	T 26
W27	2 21	5n 8	2 36	7 55	0 21	8 6	0 43	18 49	3 21	10 36	1 25	13 16	1 50	21 22	0 30	22 19	0 50	1 42	15 38	17 38	18 5	24 48	16 16	6 55	W27
T 28	2 44	11 23	1 25	7 56	0 33	8 36	0 41	18 47	3 18	10 38	1 25	13 17	1 50	21 22	0 30	22 19	0 50	1 42	15 38	17 37	18 4	24 49	16 17	6 54	T 28
F 29	3 8	17 4	0 8	7 55	0 45	9 5	0 39	18 45	3 16	10 40	1 24	13 18	1 50	21 21	0 30	22 19	0 50	1 41	15 39	17 36	18 3	24 51	16 17	6 54	F 29
S 30	3 31	21 48	1n10	7 51	0 56	9 34	0 37	18 43	3 14	10 42	1 24	13 19	1 50	21 21	0 30	22 19	0 50	1 40	15 39	17 37	18 2	24 52	16 18	6 53	S 30
S 31	3n54	25n10	2n23	7s46	1s 7	10n 3	0s34	18n40	3n11	10n44	1n24	13n20	1n50	21s21	0s30	22n19	0s50	1s40	15n39	17n37	18n 2	24s54	16n18	6s53	S 31

Julian Day Number = 2357736.5, Delta T = 14.08 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'17, Lahiri = 20°16'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

APRIL 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 35 39	10♈50'14	0♋54	13♓36	28♈42	17♌27	5°R37	29°R34	26♑41	9♋19	16°R 6	19♉28	20♉56	16♐ 3	9♋ 9	M 1
T 2	12 39 36	11°49'18	15° 0	14°23	29°56	17°30	5♍32	29♌31	26°42	9°19	16♏ 5	19°R28	20°52	16°10	9°10	T 2
W 3	12 43 32	12°48'20	28°57	15°14	1♉10	17°33	5°27	29°28	26°44	9°19	16° 4	19°27	20°49	16°16	9°12	W 3
T 4	12 47 29	13°47'19	12♌44	16° 8	2°24	17°36	5°22	29°26	26°45	9°20	16° 2	19°24	20°46	16°23	9°14	T 4
F 5	12 51 26	14°46'16	26°19	17° 5	3°37	17°41	5°17	29°23	26°46	9°20	16° 1	19°20	20°43	16°30	9°16	F 5
S 6	12 55 22	15°45'11	9♍42	18° 5	4°51	17°46	5°13	29°20	26°48	9°21	15°59	19°15	20°40	16°36	9°19	S 6
S 7	12 59 19	16°44'03	22°53	19° 7	6° 5	17°52	5° 8	29°18	26°49	9°21	15°58	19° 9	20°37	16°43	9°21	S 7
M 8	13 3 15	17°42'54	5♎49	20°12	7°19	17°58	5° 4	29°15	26°50	9°22	15°57	19° 4	20°33	16°50	9°23	M 8
T 9	13 7 12	18°41'42	18°32	21°20	8°32	18° 5	5° 0	29°13	26°51	9°23	15°55	19° 0	20°30	16°56	9°26	T 9
W10	13 11 8	19°40'28	1♏ 0	22°30	9°46	18°13	4°56	29°11	26°52	9°23	15°54	18°57	20°27	17° 3	9°28	W10
T 11	13 15 5	20°39'12	13°16	23°42	11° 0	18°21	4°53	29° 9	26°53	9°24	15°52	18°D56	20°24	17°10	9°31	T 11
F 12	13 19 1	21°37'55	25°20	24°57	12°13	18°30	4°49	29° 7	26°54	9°25	15°51	18°56	20°21	17°16	9°34	F 12
S 13	13 22 58	22°36'36	7♐15	26°13	13°27	18°40	4°46	29° 5	26°55	9°25	15°49	18°57	20°17	17°23	9°36	S 13
S 14	13 26 55	23°35'15	19° 6	27°32	14°40	18°50	4°42	29° 3	26°56	9°26	15°48	18°59	20°14	17°30	9°39	S 14
M15	13 30 51	24°33'52	0♑55	28°53	15°54	19° 0	4°39	29° 1	26°57	9°27	15°46	19° 0	20°11	17°36	9°42	M15
T 16	13 34 48	25°32'28	12°47	0♈15	17° 7	19°11	4°36	29° 0	26°58	9°28	15°45	19° 2	20° 8	17°43	9°45	T 16
W17	13 38 44	26°31'01	24°48	1°40	18°21	19°23	4°34	28°58	26°59	9°29	15°43	19°R 2	20° 5	17°50	9°48	W17
T 18	13 42 41	27°29'34	7♒ 1	3° 7	19°34	19°35	4°31	28°57	26°59	9°30	15°42	19° 2	20° 2	17°56	9°52	T 18
F 19	13 46 37	28°28'04	19°31	4°35	20°48	19°48	4°29	28°56	27° 0	9°31	15°40	19° 1	19°58	18° 3	9°55	F 19
S 20	13 50 34	29°26'33	2♓23	6° 5	22° 1	20° 1	4°27	28°54	27° 1	9°32	15°38	18°59	19°55	18° 9	9°58	S 20
S 21	13 54 30	0♉25'00	15°38	7°38	23°14	20°15	4°25	28°53	27° 1	9°33	15°37	18°56	19°52	18°16	10° 2	S 21
M22	13 58 27	1°23'26	29°19	9°11	24°27	20°29	4°23	28°52	27° 2	9°34	15°35	18°54	19°49	18°23	10° 5	M22
T 23	14 2 24	2°21'49	13♈23	10°47	25°41	20°44	4°21	28°51	27° 2	9°35	15°34	18°52	19°46	18°29	10° 9	T 23
W24	14 6 20	3°20'11	27°47	12°25	26°54	21° 0	4°20	28°51	27° 3	9°36	15°32	18°50	19°42	18°36	10°12	W24
T 25	14 10 17	4°18'32	12♉27	14° 4	28° 7	21°15	4°19	28°50	27° 3	9°37	15°30	18°D49	19°39	18°43	10°16	T 25
F 26	14 14 13	5°16'50	27°15	15°45	29°20	21°31	4°18	28°49	27° 3	9°38	15°29	18°49	19°36	18°49	10°20	F 26
S 27	14 18 10	6°15'07	12♊ 5	17°28	0♊33	21°48	4°17	28°49	27° 4	9°39	15°27	18°50	19°33	18°56	10°24	S 27
S 28	14 22 6	7°13'22	26°48	19°12	1°46	22° 5	4°16	28°48	27° 4	9°40	15°25	18°51	19°30	19° 3	10°28	S 28
M29	14 26 3	8°11'35	11♋20	20°59	2°59	22°23	4°16	28°48	27° 4	9°42	15°24	18°52	19°27	19° 9	10°32	M29
T 30	14 29 59	9♉ 9'45	25♋37	22♈47	4♊12	22♌41	4♍15	28♌48	27♑ 4	9♋43	15♏22	18♉52	19♉23	19♐16	10♋36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n18	26n55	3n26	7s38	1s17	10n32	0s32	18n37	3n 9	10n46	1n24	13n21	1n50	21s21	0s30	22n19	0s50	1s39	15n39	17n37	18n 1	24s55	16n19	6s52
T 2	4 41	26 53	4 17	7 29	1 26	11 0	0 30	18 34	3 6	10 48	1 24	13 22	1 50	21 20	0 30	22 19	0 50	1 39	15 40	17 37	18 0	24 57	16 19	6 51
W 3	5 4	25 9	4 52	7 17	1 35	11 28	0 27	18 31	3 4	10 50	1 24	13 23	1 50	21 20	0 30	22 19	0 50	1 38	15 40	17 37	17 59	24 58	16 19	6 51
T 4	5 27	21 57	5 9	7 4	1 44	11 56	0 25	18 27	3 1	10 51	1 24	13 24	1 50	21 20	0 30	22 19	0 50	1 37	15 40	17 36	17 58	25 0	16 20	6 50
F 5	5 50	17 36	5 9	6 49	1 51	12 23	0 22	18 24	2 59	10 53	1 24	13 25	1 50	21 20	0 30	22 19	0 50	1 37	15 40	17 35	17 57	25 1	16 20	6 50
S 6	6 13	12 26	4 52	6 32	1 59	12 51	0 20	18 20	2 57	10 55	1 24	13 26	1 49	21 19	0 30	22 19	0 50	1 36	15 41	17 34	17 57	25 3	16 21	6 49
S 7	6 35	6 48	4 19	6 14	2 5	13 18	0 17	18 16	2 54	10 56	1 23	13 27	1 49	21 19	0 30	22 19	0 50	1 36	15 41	17 32	17 56	25 4	16 21	6 48
M 8	6 58	0 58	3 34	5 54	2 11	13 44	0 15	18 12	2 52	10 57	1 23	13 27	1 49	21 19	0 30	22 19	0 50	1 35	15 41	17 31	17 55	25 6	16 22	6 48
T 9	7 20	4s49	2 39	5 32	2 17	14 11	0 12	18 7	2 50	10 59	1 23	13 28	1 49	21 19	0 30	22 19	0 50	1 34	15 41	17 30	17 54	25 7	16 22	6 47
W10	7 42	10 20	1 37	5 9	2 22	14 36	0 10	18 3	2 47	11 0	1 23	13 29	1 49	21 19	0 30	22 19	0 50	1 34	15 41	17 29	17 53	25 8	16 22	6 47
T 11	8 5	15 21	0 31	4 44	2 26	15 2	0 7	17 58	2 45	11 1	1 23	13 29	1 49	21 18	0 30	22 19	0 50	1 33	15 42	17 29	17 52	25 10	16 23	6 46
F 12	8 27	19 42	0s35	4 18	2 30	15 27	0 5	17 53	2 43	11 3	1 23	13 30	1 49	21 18	0 30	22 19	0 50	1 33	15 42	17 29	17 52	25 11	16 23	6 46
S 13	8 49	23 11	1 39	3 51	2 33	15 52	0 2	17 48	2 41	11 4	1 23	13 31	1 49	21 18	0 31	22 19	0 50	1 32	15 42	17 29	17 51	25 13	16 24	6 45
S 14	9 10	25 39	2 38	3 22	2 36	16 16	0n 1	17 43	2 38	11 5	1 22	13 31	1 49	21 18	0 31	22 19	0 50	1 32	15 42	17 29	17 50	25 14	16 24	6 44
M15	9 32	26 59	3 31	2 52	2 38	16 40	0 3	17 37	2 36	11 6	1 22	13 32	1 49	21 18	0 31	22 19	0 50	1 31	15 42	17 30	17 49	25 16	16 24	6 44
T 16	9 53	27 5	4 15	2 20	2 39	17 4	0 6	17 32	2 34	11 7	1 22	13 32	1 49	21 18	0 31	22 19	0 50	1 31	15 42	17 30	17 48	25 17	16 25	6 43
W17	10 15	25 55	4 48	1 47	2 40	17 27	0 9	17 26	2 32	11 7	1 22	13 33	1 49	21 18	0 31	22 19	0 49	1 30	15 43	17 30	17 47	25 18	16 25	6 43
T 18	10 36	23 31	5 8	1 13	2 41	17 50	0 11	17 20	2 30	11 8	1 22	13 33	1 48	21 18	0 31	22 19	0 49	1 29	15 43	17 30	17 46	25 20	16 25	6 42
F 19	10 57	19 58	5 15	0 38	2 41	18 12	0 14	17 14	2 28	11 9	1 22	13 33	1 48	21 17	0 31	22 19	0 49	1 29	15 43	17 30	17 46	25 21	16 26	6 42
S 20	11 17	15 25	5 7	0 2	2 40	18 34	0 17	17 8	2 26	11 10	1 21	13 34	1 48	21 17	0 31	22 19	0 49	1 28	15 43	17 29	17 45	25 23	16 26	6 41
S 21	11 38	10 0	4 42	0n36	2 39	18 55	0 19	17 1	2 24	11 10	1 21	13 34	1 48	21 17	0 31	22 19	0 49	1 28	15 43	17 29	17 44	25 24	16 26	6 41
M22	11 58	3 57	4 1	1 14	2 37	19 16	0 22	16 55	2 21	11 11	1 21	13 34	1 48	21 17	0 31	22 19	0 49	1 27	15 43	17 28	17 43	25 25	16 26	6 40
T 23	12 19	2n28	3 4	1 54	2 35	19 37	0 25	16 48	2 19	11 11	1 21	13 34	1 48	21 17	0 31	22 19	0 49	1 27	15 43	17 27	17 42	25 27	16 27	6 40
W24	12 39	8 56	1 54	2 35	2 32	19 56	0 28	16 41	2 17	11 11	1 21	13 35	1 48	21 17	0 31	22 19	0 49	1 26	15 43	17 27	17 41	25 28	16 27	6 39
T 25	12 58	15 2	0 35	3 16	2 29	20 16	0 30	16 34	2 15	11 12	1 21	13 35	1 48	21 17	0 31	22 18	0 49	1 26	15 43	17 27	17 40	25 29	16 27	6 39
F 26	13 18	20 20	0n47	3 59	2 25	20 34	0 33	16 27	2 13	11 12	1 20	13 35	1 48	21 17	0 31	22 18	0 49	1 25	15 43	17 27	17 40	25 31	16 27	6 38
S 27	13 37	24 21	2 5	4 42	2 20	20 53	0 36	16 20	2 11	11 12	1 20	13 35	1 47	21 17	0 31	22 18	0 49	1 25	15 43	17 27	17 39	25 32	16 28	6 38
S 28	13 57	26 41	3 15	5 26	2 16	21 10	0 38	16 13	2 10	11 12	1 20	13 35	1 47	21 17	0 31	22 18	0 49	1 24	15 43	17 27	17 38	25 33	16 28	6 37
M29	14 16	27 10	4 12	6 11	2 10	21 27	0 41	16 5	2 8	11 12	1 20	13 35	1 47	21 17	0 31	22 18	0 49	1 24	15 44	17 27	17 37	25 35	16 28	6 37
T 30	14n34	25n49	4n51	6n57	2s 4	21n44	0n43	15n57	2n 6	11n12	1n20	13n35	1n47	21s17	0s31	22n18	0s49	1s23	15n44	17n28	17n36	25s36	16n28	6s36

Julian Day Number = 2357767.5, Delta T = 14.10 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'21, Lahiri = 20°16'21Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

MAY 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 33 56	10♉ 7'54	9♌36	24♈37	5♊25	22♌59	4°D15	28°D48	27♏ 4	9♋44	15°R20	18°R53	19♉20	19♐23	10♋40	W 1
T 2	14 37 53	11° 6'01	23°16	26°29	6°38	23°18	4♍15	28♌48	27°R 4	9°46	15♏19	18♉52	19°17	19°29	10°45	T 2
F 3	14 41 49	12° 4'05	6♍38	28°23	7°51	23°37	4°16	28°48	27° 4	9°47	15°17	18°52	19°14	19°36	10°49	F 3
S 4	14 45 46	13° 2'08	19°44	0♉18	9° 4	23°56	4°16	28°48	27° 4	9°48	15°15	18°51	19°11	19°43	10°53	S 4
S 5	14 49 42	14° 0'08	2♎33	2°15	10°16	24°16	4°17	28°49	27° 4	9°50	15°14	18°51	19° 8	19°49	10°58	S 5
M 6	14 53 39	14°58'07	15° 9	4°14	11°29	24°37	4°17	28°49	27° 4	9°51	15°12	18°50	19° 4	19°56	11° 2	M 6
T 7	14 57 35	15°56'05	27°33	6°15	12°42	24°57	4°18	28°50	27° 4	9°53	15°10	18°50	19° 1	20° 3	11° 7	T 7
W 8	15 1 32	16°54'00	9♏46	8°18	13°54	25°18	4°19	28°51	27° 3	9°54	15° 9	18°50	18°58	20° 9	11°11	W 8
T 9	15 5 28	17°51'54	21°50	10°22	15° 7	25°40	4°21	28°51	27° 3	9°56	15° 7	18°D50	18°55	20°16	11°16	T 9
F 10	15 9 25	18°49'47	3♐46	12°27	16°19	26° 1	4°22	28°52	27° 3	9°57	15° 5	18°R50	18°52	20°23	11°21	F 10
S 11	15 13 22	19°47'38	15°38	14°34	17°32	26°23	4°24	28°53	27° 2	9°59	15° 4	18°50	18°48	20°29	11°26	S 11
S 12	15 17 18	20°45'28	27°28	16°42	18°44	26°45	4°26	28°54	27° 2	10° 0	15° 2	18°49	18°45	20°36	11°31	S 12
M13	15 21 15	21°43'16	9♑17	18°51	19°57	27° 8	4°28	28°56	27° 1	10° 2	15° 0	18°49	18°42	20°43	11°36	M13
T 14	15 25 11	22°41'03	21°11	21° 2	21° 9	27°31	4°30	28°57	27° 1	10° 3	14°59	18°49	18°39	20°49	11°41	T 14
W15	15 29 8	23°38'49	3♒12	23°12	22°21	27°54	4°33	28°58	27° 0	10° 5	14°57	18°48	18°36	20°56	11°46	W15
T 16	15 33 4	24°36'34	15°24	25°24	23°34	28°18	4°35	29° 0	26°59	10° 7	14°55	18°48	18°33	21° 3	11°51	T 16
F 17	15 37 1	25°34'18	27°52	27°35	24°46	28°42	4°38	29° 2	26°59	10° 8	14°54	18°D48	18°29	21° 9	11°56	F 17
S 18	15 40 57	26°32'00	10♓40	29°47	25°58	29° 6	4°41	29° 3	26°58	10°10	14°52	18°48	18°26	21°16	12° 1	S 18
S 19	15 44 54	27°29'42	23°51	1♊58	27°10	29°30	4°44	29° 5	26°57	10°12	14°50	18°49	18°23	21°23	12° 7	S 19
M20	15 48 51	28°27'22	7♈27	4° 8	28°22	29°55	4°47	29° 7	26°56	10°14	14°49	18°49	18°20	21°29	12°12	M20
T 21	15 52 47	29°25'02	21°30	6°17	29°34	0♍20	4°51	29° 9	26°55	10°15	14°47	18°50	18°17	21°36	12°17	T 21
W22	15 56 44	0♊22'40	5♉58	8°26	0♋46	0°45	4°54	29°11	26°54	10°17	14°46	18°51	18°14	21°43	12°23	W22
T 23	16 0 40	1°20'17	20°47	10°33	1°58	1°10	4°58	29°13	26°53	10°19	14°44	18°R51	18°10	21°49	12°28	T 23
F 24	16 4 37	2°17'54	5♊50	12°38	3°10	1°36	5° 2	29°16	26°52	10°21	14°42	18°51	18° 7	21°56	12°34	F 24
S 25	16 8 33	3°15'29	20°58	14°41	4°22	2° 2	5° 6	29°18	26°51	10°23	14°41	18°50	18° 4	22° 3	12°39	S 25
S 26	16 12 30	4°13'03	6♋ 2	16°43	5°34	2°28	5°10	29°21	26°50	10°24	14°39	18°48	18° 1	22° 9	12°45	S 26
M27	16 16 26	5°10'36	20°54	18°42	6°45	2°55	5°14	29°23	26°49	10°26	14°38	18°46	17°58	22°16	12°51	M27
T 28	16 20 23	6° 8'07	5♌27	20°39	7°57	3°22	5°19	29°26	26°48	10°28	14°36	18°44	17°54	22°23	12°57	T 28
W29	16 24 20	7° 5'37	19°36	22°34	9° 9	3°49	5°24	29°29	26°47	10°30	14°35	18°43	17°51	22°29	13° 2	W29
T 30	16 28 16	8° 3'06	3♍20	24°26	10°20	4°16	5°29	29°32	26°45	10°32	14°33	18°D42	17°48	22°36	13° 8	T 30
F 31	16 32 13	9♊ 0'33	16♍39	26♊15	11♋32	4♍43	5♍34	29♌35	26♏44	10♋34	14♏32	18♉42	17♉45	22♐43	13♋14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n53	22n54	5n13	7n43	1s58	22n 0	0n46	15n49	2n 4	11n12	1n20	13n35	1n47	21s17	0s31	22n18	0s49	1s23	15n44	17n28	17n35	25s37	16n28	6s36
T 2	15 11	18 45	5 16	8 30	1 51	22 15	0 49	15 42	2 2	11 12	1 19	13 35	1 47	21 17	0 31	22 18	0 49	1 23	15 44	17 28	17 34	25 39	16 28	6 35
F 3	15 29	13 45	5 2	9 18	1 44	22 30	0 51	15 33	2 0	11 11	1 19	13 34	1 47	21 17	0 31	22 18	0 49	1 22	15 44	17 28	17 34	25 40	16 29	6 35
S 4	15 46	8 15	4 32	10 6	1 36	22 44	0 54	15 25	1 58	11 11	1 19	13 34	1 47	21 17	0 31	22 18	0 49	1 22	15 43	17 27	17 33	25 41	16 29	6 34
S 5	16 4	2 29	3 50	10 54	1 28	22 57	0 56	15 17	1 57	11 11	1 19	13 34	1 47	21 17	0 31	22 18	0 49	1 21	15 43	17 27	17 32	25 42	16 29	6 34
M 6	16 21	3s16	2 56	11 43	1 19	23 10	0 59	15 8	1 55	11 10	1 19	13 34	1 46	21 17	0 31	22 18	0 49	1 21	15 43	17 27	17 31	25 44	16 29	6 33
T 7	16 38	8 49	1 55	12 31	1 10	23 22	1 1	15 0	1 53	11 10	1 18	13 33	1 46	21 17	0 31	22 18	0 49	1 20	15 43	17 27	17 30	25 45	16 29	6 33
W 8	16 55	13 58	0 50	13 20	1 1	23 33	1 4	14 51	1 51	11 9	1 18	13 33	1 46	21 17	0 31	22 18	0 49	1 20	15 43	17 27	17 29	25 46	16 29	6 32
T 9	17 11	18 31	0s17	14 9	0 51	23 44	1 6	14 42	1 49	11 8	1 18	13 33	1 46	21 18	0 31	22 18	0 49	1 20	15 43	17 27	17 28	25 48	16 29	6 32
F 10	17 27	22 17	1 22	14 57	0 41	23 54	1 9	14 33	1 48	11 8	1 18	13 32	1 46	21 18	0 31	22 17	0 49	1 19	15 43	17 27	17 27	25 49	16 29	6 32
S 11	17 43	25 5	2 23	15 45	0 31	24 4	1 11	14 24	1 46	11 7	1 18	13 32	1 46	21 18	0 31	22 17	0 49	1 19	15 43	17 27	17 27	25 50	16 29	6 31
S 12	17 58	26 45	3 18	16 32	0 20	24 13	1 13	14 15	1 44	11 6	1 17	13 31	1 46	21 18	0 31	22 17	0 49	1 19	15 43	17 27	17 26	25 51	16 29	6 31
M13	18 13	27 13	4 5	17 18	0 10	24 21	1 15	14 6	1 43	11 5	1 17	13 31	1 46	21 18	0 32	22 17	0 49	1 18	15 43	17 27	17 25	25 52	16 29	6 30
T 14	18 28	26 26	4 41	18 3	0n 1	24 28	1 18	13 56	1 41	11 4	1 17	13 30	1 45	21 18	0 32	22 17	0 49	1 18	15 43	17 27	17 24	25 54	16 29	6 30
W15	18 43	24 25	5 6	18 47	0 11	24 35	1 20	13 46	1 39	11 3	1 17	13 30	1 45	21 18	0 32	22 17	0 49	1 18	15 43	17 26	17 23	25 55	16 29	6 29
T 16	18 57	21 17	5 17	19 29	0 22	24 41	1 22	13 37	1 38	11 2	1 17	13 29	1 45	21 18	0 32	22 17	0 48	1 17	15 42	17 26	17 22	25 56	16 29	6 29
F 17	19 11	17 8	5 13	20 10	0 32	24 46	1 24	13 27	1 36	11 1	1 17	13 28	1 45	21 19	0 32	22 17	0 48	1 17	15 42	17 26	17 21	25 57	16 29	6 29
S 18	19 24	12 7	4 55	20 49	0 42	24 51	1 26	13 17	1 35	11 0	1 16	13 28	1 45	21 19	0 32	22 17	0 48	1 17	15 42	17 26	17 20	25 59	16 29	6 28
S 19	19 38	6 25	4 20	21 26	0 52	24 55	1 28	13 7	1 33	10 58	1 16	13 27	1 45	21 19	0 32	22 17	0 48	1 16	15 42	17 27	17 20	26 0	16 29	6 28
M20	19 51	0 15	3 30	22 0	1 1	24 58	1 30	12 57	1 32	10 57	1 16	13 26	1 45	21 19	0 32	22 17	0 48	1 16	15 42	17 27	17 19	26 1	16 29	6 28
T 21	20 3	6n 9	2 26	22 33	1 10	25 0	1 32	12 47	1 30	10 56	1 16	13 25	1 45	21 19	0 32	22 16	0 48	1 16	15 42	17 27	17 18	26 2	16 29	6 27
W22	20 16	12 25	1 11	23 2	1 19	25 2	1 34	12 36	1 29	10 54	1 16	13 24	1 44	21 20	0 32	22 16	0 48	1 16	15 41	17 27	17 17	26 3	16 29	6 27
T 23	20 28	18 9	0n11	23 30	1 27	25 3	1 36	12 26	1 27	10 52	1 15	13 23	1 44	21 20	0 32	22 16	0 48	1 15	15 41	17 27	17 16	26 4	16 28	6 27
F 24	20 39	22 50	1 33	23 54	1 34	25 3	1 37	12 15	1 26	10 51	1 15	13 22	1 44	21 20	0 32	22 16	0 48	1 15	15 41	17 27	17 15	26 6	16 28	6 26
S 25	20 50	25 58	2 49	24 16	1 41	25 3	1 39	12 4	1 24	10 49	1 15	13 22	1 44	21 20	0 32	22 16	0 48	1 15	15 41	17 27	17 14	26 7	16 28	6 26
S 26	21 1	27 12	3 52	24 35	1 47	25 2	1 41	11 54	1 23	10 47	1 15	13 21	1 44	21 21	0 32	22 16	0 48	1 15	15 41	17 26	17 13	26 8	16 28	6 26
M27	21 12	26 27	4 39	24 51	1 52	25 0	1 42	11 43	1 21	10 46	1 15	13 19	1 44	21 21	0 32	22 16	0 48	1 14	15 40	17 26	17 12	26 9	16 28	6 25
T 28	21 22	23 54	5 7	25 5	1 57	24 58	1 44	11 32	1 20	10 44	1 15	13 18	1 44	21 21	0 32	22 16	0 48	1 14	15 40	17 25	17 12	26 10	16 27	6 25
W29	21 32	19 57	5 16	25 16	2 1	24 54	1 45	11 20	1 18	10 42	1 14	13 17	1 44	21 21	0 32	22 15	0 48	1 14	15 40	17 25	17 11	26 11	16 27	6 25
T 30	21 41	15 3	5 6	25 25	2 4	24 50	1 46	11 9	1 17	10 40	1 14	13 16	1 44	21 22	0 32	22 15	0 48	1 14	15 40	17 25	17 10	26 12	16 27	6 24
F 31	21n50	9n34	4n39	25n31	2n 6	24n46	1n48	10n58	1n16	10n38	1n14	13n15	1n43	21s22	0s32	22n15	0s48	1s14	15n39	17n25	17n 9	26s13	16n27	6s24

Julian Day Number = 2357797.5, Delta T = 14.12 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'25, Lahiri = 20°16'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

JUNE 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 9	9♊57'59	29♍36	28♊ 2	12♋43	5♍11	5♍39	29♌38	26°R43	10♋36	14°R30	18♉43	17♉42	22♐49	13♋20	S 1
S 2	16 40 6	10°55'24	12♎14	29°46	13°54	5°39	5°44	29°41	26♏41	10°38	14♏29	18°44	17°39	22°56	13°26	S 2
M 3	16 44 2	11°52'47	24°36	1♋28	15° 6	6° 7	5°50	29°44	26°40	10°40	14°27	18°46	17°35	23° 3	13°32	M 3
T 4	16 47 59	12°50'10	6♏46	3° 7	16°17	6°35	5°55	29°48	26°38	10°42	14°26	18°47	17°32	23°10	13°38	T 4
W 5	16 51 55	13°47'32	18°47	4°43	17°28	7° 4	6° 1	29°51	26°37	10°44	14°24	18°R48	17°29	23°16	13°44	W 5
T 6	16 55 52	14°44'52	0♐42	6°16	18°39	7°32	6° 7	29°55	26°35	10°46	14°23	18°47	17°26	23°23	13°50	T 6
F 7	16 59 49	15°42'12	12°33	7°47	19°50	8° 1	6°13	29°58	26°34	10°48	14°22	18°45	17°23	23°30	13°56	F 7
S 8	17 3 45	16°39'31	24°22	9°14	21° 1	8°30	6°19	0♍ 2	26°32	10°50	14°20	18°42	17°20	23°36	14° 2	S 8
S 9	17 7 42	17°36'50	6♑12	10°39	22°12	9° 0	6°26	0° 6	26°30	10°52	14°19	18°38	17°16	23°43	14° 9	S 9
M10	17 11 38	18°34'08	18° 5	12° 1	23°23	9°29	6°32	0°10	26°29	10°54	14°18	18°33	17°13	23°50	14°15	M10
T 11	17 15 35	19°31'25	0♒ 2	13°21	24°34	9°59	6°39	0°14	26°27	10°56	14°16	18°27	17°10	23°56	14°21	T 11
W12	17 19 31	20°28'42	12° 7	14°37	25°45	10°29	6°45	0°18	26°25	10°59	14°15	18°22	17° 7	24° 3	14°27	W12
T 13	17 23 28	21°25'58	24°22	15°50	26°55	10°59	6°52	0°22	26°23	11° 1	14°14	18°18	17° 4	24°10	14°34	T 13
F 14	17 27 25	22°23'15	6♓50	17° 0	28° 6	11°29	6°59	0°26	26°21	11° 3	14°13	18°16	17° 0	24°16	14°40	F 14
S 15	17 31 21	23°20'30	19°35	18° 7	29°17	11°59	7° 6	0°30	26°20	11° 5	14°11	18°D15	16°57	24°23	14°46	S 15
S 16	17 35 18	24°17'46	2♈41	19°11	0♌27	12°30	7°14	0°35	26°18	11° 7	14°10	18°15	16°54	24°30	14°53	S 16
M17	17 39 14	25°15'01	16°10	20°12	1°37	13° 0	7°21	0°39	26°16	11° 9	14° 9	18°16	16°51	24°36	14°59	M17
T 18	17 43 11	26°12'16	0♉ 4	21° 9	2°48	13°31	7°28	0°44	26°14	11°11	14° 8	18°17	16°48	24°43	15° 6	T 18
W19	17 47 7	27° 9'31	14°24	22° 3	3°58	14° 2	7°36	0°48	26°12	11°14	14° 7	18°R18	16°45	24°50	15°12	W19
T 20	17 51 4	28° 6'46	29° 8	22°53	5° 8	14°34	7°44	0°53	26°10	11°16	14° 6	18°18	16°41	24°56	15°19	T 20
F 21	17 55 0	29° 4'01	14♊10	23°40	6°18	15° 5	7°52	0°58	26° 8	11°18	14° 5	18°16	16°38	25° 3	15°25	F 21
S 22	17 58 57	0♋ 1'16	29°23	24°23	7°28	15°36	8° 0	1° 3	26° 6	11°20	14° 4	18°12	16°35	25°10	15°32	S 22
S 23	18 2 54	0°58'30	14♋37	25° 2	8°38	16° 8	8° 8	1° 8	26° 4	11°22	14° 3	18° 6	16°32	25°16	15°38	S 23
M24	18 6 50	1°55'44	29°41	25°37	9°48	16°40	8°16	1°13	26° 1	11°25	14° 2	18° 0	16°29	25°23	15°45	M24
T 25	18 10 47	2°52'58	14♌26	26° 8	10°58	17°12	8°24	1°18	25°59	11°27	14° 1	17°54	16°26	25°30	15°52	T 25
W26	18 14 43	3°50'11	28°46	26°35	12° 7	17°44	8°33	1°23	25°57	11°29	14° 0	17°48	16°22	25°36	15°58	W26
T 27	18 18 40	4°47'24	12♍38	26°58	13°17	18°16	8°42	1°28	25°55	11°31	13°59	17°44	16°19	25°43	16° 5	T 27
F 28	18 22 36	5°44'36	26° 1	27°16	14°27	18°49	8°50	1°33	25°53	11°33	13°58	17°42	16°16	25°50	16°12	F 28
S 29	18 26 33	6°41'48	8♎57	27°29	15°36	19°21	8°59	1°39	25°51	11°36	13°57	17°D42	16°13	25°56	16°18	S 29
S 30	18 30 29	7♋38'59	21♎32	27♋38	16♌45	19♍54	9♍ 8	1♍44	25♏48	11♋38	13♏56	17♉42	16♉10	26♐ 3	16♋25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n59	3n49	3n59	25n35	2n 7	24n40	1n49	10n46	1n14	10n36	1n14	13n14	1n43	21s22	0s32	22n15	0s48	1s14	15n39	17n25	17n 8	26s14	16n26	6s24
S 2	22 7	1s57	3 8	25 36	2 8	24 34	1 50	10 35	1 13	10 34	1 14	13 13	1 43	21 22	0 32	22 15	0 48	1 14	15 39	17 25	17 7	26 16	16 26	6 24
M 3	22 15	7 32	2 9	25 36	2 8	24 27	1 51	10 23	1 11	10 32	1 14	13 11	1 43	21 23	0 32	22 15	0 48	1 13	15 38	17 26	17 6	26 17	16 26	6 23
T 4	22 22	12 46	1 6	25 33	2 7	24 20	1 52	10 12	1 10	10 29	1 13	13 10	1 43	21 23	0 32	22 15	0 48	1 13	15 38	17 26	17 5	26 18	16 25	6 23
W 5	22 29	17 26	0 0	25 29	2 6	24 12	1 53	10 0	1 9	10 27	1 13	13 9	1 43	21 23	0 32	22 15	0 48	1 13	15 38	17 26	17 4	26 19	16 25	6 23
T 6	22 36	21 23	1s 5	25 23	2 3	24 3	1 54	9 48	1 7	10 25	1 13	13 7	1 43	21 24	0 32	22 14	0 48	1 13	15 37	17 26	17 4	26 20	16 25	6 23
F 7	22 42	24 26	2 7	25 15	2 0	23 53	1 54	9 36	1 6	10 22	1 13	13 6	1 43	21 24	0 32	22 14	0 48	1 13	15 37	17 26	17 3	26 21	16 24	6 22
S 8	22 48	26 24	3 3	25 5	1 56	23 43	1 55	9 24	1 5	10 20	1 13	13 5	1 43	21 24	0 32	22 14	0 48	1 13	15 37	17 25	17 2	26 22	16 24	6 22
S 9	22 54	27 10	3 51	24 54	1 52	23 33	1 56	9 11	1 4	10 17	1 13	13 3	1 42	21 25	0 32	22 14	0 48	1 13	15 36	17 24	17 1	26 23	16 24	6 22
M10	22 59	26 42	4 29	24 42	1 47	23 21	1 56	8 59	1 2	10 15	1 12	13 2	1 42	21 25	0 32	22 14	0 48	1 13	15 36	17 22	17 0	26 24	16 23	6 22
T 11	23 4	24 59	4 56	24 28	1 41	23 9	1 57	8 47	1 1	10 12	1 12	13 0	1 42	21 25	0 32	22 14	0 48	1 13	15 36	17 21	16 59	26 25	16 23	6 21
W12	23 8	22 8	5 10	24 14	1 34	22 56	1 57	8 34	1 0	10 10	1 12	12 59	1 42	21 26	0 32	22 14	0 48	1 13	15 35	17 19	16 58	26 26	16 22	6 21
T 13	23 12	18 17	5 10	23 58	1 27	22 43	1 57	8 22	0 59	10 7	1 12	12 57	1 42	21 26	0 32	22 13	0 48	1 13	15 35	17 18	16 57	26 27	16 22	6 21
F 14	23 15	13 35	4 56	23 41	1 19	22 29	1 57	8 9	0 57	10 4	1 12	12 55	1 42	21 27	0 32	22 13	0 48	1 13	15 35	17 18	16 56	26 28	16 21	6 21
S 15	23 18	8 13	4 27	23 24	1 10	22 15	1 57	7 56	0 56	10 1	1 12	12 54	1 42	21 27	0 32	22 13	0 48	1 13	15 34	17 17	16 55	26 29	16 21	6 21
S 16	23 21	2 21	3 43	23 6	1 1	22 0	1 57	7 44	0 55	9 58	1 11	12 52	1 42	21 27	0 32	22 13	0 48	1 13	15 34	17 17	16 55	26 30	16 20	6 21
M17	23 23	3n49	2 46	22 47	0 51	21 44	1 57	7 31	0 54	9 56	1 11	12 51	1 42	21 28	0 32	22 13	0 48	1 13	15 33	17 18	16 54	26 31	16 20	6 20
T 18	23 25	9 59	1 38	22 28	0 40	21 28	1 57	7 18	0 52	9 53	1 11	12 49	1 42	21 28	0 33	22 13	0 48	1 13	15 33	17 18	16 53	26 32	16 19	6 20
W19	23 27	15 51	0 21	22 9	0 29	21 11	1 57	7 5	0 51	9 50	1 11	12 47	1 42	21 28	0 33	22 12	0 48	1 13	15 33	17 18	16 52	26 33	16 19	6 20
T 20	23 28	20 57	0n59	21 49	0 17	20 54	1 56	6 52	0 50	9 47	1 11	12 45	1 41	21 29	0 33	22 12	0 48	1 14	15 32	17 18	16 51	26 34	16 18	6 20
F 21	23 28	24 47	2 16	21 29	0 5	20 36	1 56	6 38	0 49	9 44	1 11	12 44	1 41	21 29	0 33	22 12	0 48	1 14	15 32	17 18	16 50	26 35	16 17	6 20
S 22	23 28	26 53	3 24	21 9	0s 8	20 17	1 55	6 25	0 48	9 40	1 11	12 42	1 41	21 30	0 33	22 12	0 48	1 14	15 31	17 16	16 49	26 36	16 17	6 20
S 23	23 28	26 57	4 18	20 49	0 21	19 58	1 55	6 12	0 47	9 37	1 10	12 40	1 41	21 30	0 33	22 12	0 48	1 14	15 31	17 15	16 48	26 37	16 16	6 20
M24	23 28	25 1	4 53	20 29	0 35	19 39	1 54	5 58	0 46	9 34	1 10	12 38	1 41	21 30	0 33	22 12	0 48	1 14	15 30	17 13	16 47	26 38	16 16	6 19
T 25	23 27	21 26	5 8	20 9	0 49	19 19	1 53	5 45	0 44	9 31	1 10	12 36	1 41	21 31	0 33	22 11	0 48	1 14	15 30	17 11	16 46	26 39	16 15	6 19
W26	23 25	16 39	5 3	19 50	1 4	18 59	1 52	5 31	0 43	9 27	1 10	12 34	1 41	21 31	0 33	22 11	0 48	1 14	15 29	17 10	16 45	26 40	16 14	6 19
T 27	23 23	11 9	4 40	19 31	1 18	18 38	1 51	5 17	0 42	9 24	1 10	12 32	1 41	21 32	0 33	22 11	0 48	1 15	15 29	17 9	16 45	26 40	16 14	6 19
F 28	23 21	5 18	4 3	19 12	1 34	18 16	1 50	5 4	0 41	9 21	1 10	12 30	1 41	21 32	0 33	22 11	0 48	1 15	15 28	17 8	16 44	26 41	16 13	6 19
S 29	23 18	0s35	3 14	18 55	1 49	17 55	1 49	4 50	0 40	9 17	1 10	12 28	1 41	21 33	0 33	22 11	0 48	1 15	15 28	17 8	16 43	26 42	16 12	6 19
S 30	23n15	6s18	2n17	18n38	2s 4	17n33	1n47	4n36	0n39	9n14	1n 9	12n26	1n41	21s33	0s33	22n10	0s48	1s15	15n28	17n 8	16n42	26s43	16n12	6s19

Julian Day Number = 2357828.5, Delta T = 14.14 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'29, Lahiri = 20°16'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

JULY 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 34 26	8♋36'10	3♏48	27°R42	17♌54	20♍27	9♍17	1♍49	25°R46	11♋40	13°R56	17♉44	16♉ 6	26♐10	16♋32	M 1
T 2	18 38 23	9°33'21	15°51	27♋42	19° 4	21° 0	9°26	1°55	25♏44	11°42	13♏55	17°R44	16° 3	26°16	16°38	T 2
W 3	18 42 19	10°30'32	27°46	27°37	20°13	21°33	9°35	2° 1	25°42	11°45	13°54	17°44	16° 0	26°23	16°45	W 3
T 4	18 46 16	11°27'43	9♐36	27°27	21°21	22° 7	9°45	2° 6	25°39	11°47	13°53	17°41	15°57	26°30	16°52	T 4
F 5	18 50 12	12°24'54	21°24	27°13	22°30	22°40	9°54	2°12	25°37	11°49	13°53	17°36	15°54	26°36	16°59	F 5
S 6	18 54 9	13°22'05	3♑14	26°54	23°39	23°14	10° 3	2°18	25°35	11°51	13°52	17°29	15°51	26°43	17° 5	S 6
S 7	18 58 5	14°19'16	15° 8	26°31	24°48	23°47	10°13	2°24	25°32	11°53	13°51	17°20	15°47	26°50	17°12	S 7
M 8	19 2 2	15°16'27	27° 7	26° 5	25°56	24°21	10°23	2°29	25°30	11°56	13°51	17°10	15°44	26°57	17°19	M 8
T 9	19 5 58	16°13'39	9♒12	25°34	27° 4	24°55	10°32	2°35	25°28	11°58	13°50	16°59	15°41	27° 3	17°26	T 9
W10	19 9 55	17°10'50	21°26	25° 1	28°13	25°29	10°42	2°41	25°25	12° 0	13°50	16°49	15°38	27°10	17°32	W10
T 11	19 13 52	18° 8'03	3♓49	24°25	29°21	26° 3	10°52	2°48	25°23	12° 2	13°49	16°40	15°35	27°17	17°39	T 11
F 12	19 17 48	19° 5'15	16°24	23°47	0♍29	26°37	11° 2	2°54	25°20	12° 5	13°49	16°34	15°32	27°23	17°46	F 12
S 13	19 21 45	20° 2'28	29°12	23° 8	1°36	27°12	11°12	3° 0	25°18	12° 7	13°48	16°29	15°28	27°30	17°53	S 13
S 14	19 25 41	20°59'42	12♈17	22°28	2°44	27°46	11°23	3° 6	25°16	12° 9	13°48	16°27	15°25	27°37	17°59	S 14
M15	19 29 38	21°56'57	25°40	21°47	3°52	28°21	11°33	3°12	25°13	12°11	13°48	16°D27	15°22	27°43	18° 6	M15
T 16	19 33 34	22°54'12	9♉25	21° 7	4°59	28°56	11°43	3°19	25°11	12°13	13°47	16°R27	15°19	27°50	18°13	T 16
W17	19 37 31	23°51'29	23°33	20°29	6° 7	29°31	11°54	3°25	25° 8	12°16	13°47	16°27	15°16	27°57	18°20	W17
T 18	19 41 27	24°48'46	8♊ 3	19°53	7°14	0♎ 6	12° 4	3°32	25° 6	12°18	13°47	16°26	15°12	28° 3	18°27	T 18
F 19	19 45 24	25°46'04	22°53	19°19	8°21	0°41	12°15	3°38	25° 4	12°20	13°47	16°22	15° 9	28°10	18°33	F 19
S 20	19 49 21	26°43'22	7♋55	18°48	9°28	1°16	12°26	3°45	25° 1	12°22	13°46	16°15	15° 6	28°17	18°40	S 20
S 21	19 53 17	27°40'42	23° 3	18°22	10°35	1°52	12°37	3°51	24°59	12°24	13°46	16° 7	15° 3	28°23	18°47	S 21
M22	19 57 14	28°38'02	8♌ 4	17°59	11°41	2°27	12°47	3°58	24°56	12°27	13°46	15°56	15° 0	28°30	18°54	M22
T 23	20 1 10	29°35'23	22°51	17°42	12°48	3° 3	12°58	4° 4	24°54	12°29	13°46	15°46	14°57	28°37	19° 0	T 23
W24	20 5 7	0♌32'44	7♍15	17°30	13°54	3°38	13° 9	4°11	24°52	12°31	13°46	15°37	14°53	28°43	19° 7	W24
T 25	20 9 3	1°30'06	21°12	17°23	15° 0	4°14	13°20	4°18	24°49	12°33	13°D46	15°29	14°50	28°50	19°14	T 25
F 26	20 13 0	2°27'28	4♎39	17°D23	16° 6	4°50	13°32	4°25	24°47	12°35	13°46	15°24	14°47	28°57	19°20	F 26
S 27	20 16 57	3°24'50	17°39	17°28	17°12	5°26	13°43	4°31	24°44	12°37	13°46	15°22	14°44	29° 3	19°27	S 27
S 28	20 20 53	4°22'14	0♏14	17°40	18°18	6° 2	13°54	4°38	24°42	12°39	13°46	15°D21	14°41	29°10	19°34	S 28
M29	20 24 50	5°19'38	12°30	17°57	19°23	6°39	14° 5	4°45	24°40	12°41	13°46	15°R21	14°38	29°17	19°40	M29
T 30	20 28 46	6°17'02	24°32	18°22	20°29	7°15	14°17	4°52	24°37	12°44	13°46	15°21	14°34	29°24	19°47	T 30
W31	20 32 43	7♌14'27	6♐25	18♋52	21♍34	7♎51	14♍28	4♍59	24♑35	12♋46	13♏47	15♉19	14♉31	29♐30	19♋54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n12	11s38	1n14	18n22	2s20	17n10	1n46	4n22	0n38	9n10	1n 9	12n24	1n41	21s33	0s33	22n10	0s48	1s16	15n27	17n 9	16n41	26s44	16n11	6s19
T 2	23 8	16 27	0 10	18 7	2 35	16 47	1 44	4 8	0 37	9 7	1 9	12 22	1 40	21 34	0 33	22 10	0 48	1 16	15 27	17 9	16 40	26 45	16 10	6 19
W 3	23 3	20 34	0s54	17 53	2 51	16 23	1 43	3 54	0 36	9 3	1 9	12 20	1 40	21 34	0 33	22 10	0 48	1 16	15 26	17 9	16 39	26 46	16 9	6 19
T 4	22 59	23 49	1 55	17 40	3 6	16 0	1 41	3 40	0 35	8 59	1 9	12 18	1 40	21 35	0 33	22 10	0 48	1 16	15 26	17 8	16 38	26 47	16 9	6 19
F 5	22 54	26 2	2 50	17 28	3 20	15 35	1 39	3 26	0 34	8 56	1 9	12 16	1 40	21 35	0 33	22 10	0 48	1 17	15 25	17 7	16 37	26 47	16 8	6 19
S 6	22 48	27 5	3 39	17 18	3 34	15 11	1 37	3 11	0 33	8 52	1 9	12 14	1 40	21 36	0 33	22 9	0 48	1 17	15 25	17 5	16 36	26 48	16 7	6 19
S 7	22 42	26 53	4 18	17 9	3 48	14 46	1 35	2 57	0 32	8 48	1 9	12 12	1 40	21 36	0 33	22 9	0 47	1 17	15 24	17 2	16 35	26 49	16 6	6 19
M 8	22 36	25 26	4 46	17 2	4 0	14 21	1 33	2 43	0 30	8 45	1 8	12 9	1 40	21 37	0 33	22 9	0 47	1 18	15 23	16 59	16 34	26 50	16 5	6 19
T 9	22 29	22 49	5 1	16 56	4 12	13 55	1 31	2 28	0 29	8 41	1 8	12 7	1 40	21 37	0 33	22 9	0 47	1 18	15 23	16 56	16 34	26 51	16 4	6 19
W10	22 22	19 9	5 3	16 51	4 23	13 30	1 28	2 14	0 28	8 37	1 8	12 5	1 40	21 37	0 33	22 9	0 47	1 18	15 22	16 53	16 33	26 52	16 4	6 19
T 11	22 15	14 38	4 51	16 48	4 32	13 3	1 26	1 59	0 27	8 33	1 8	12 3	1 40	21 38	0 33	22 8	0 47	1 19	15 22	16 51	16 32	26 52	16 3	6 19
F 12	22 7	9 26	4 24	16 47	4 40	12 37	1 23	1 45	0 26	8 29	1 8	12 1	1 40	21 38	0 33	22 8	0 47	1 19	15 21	16 49	16 31	26 53	16 2	6 19
S 13	21 59	3 45	3 44	16 47	4 46	12 10	1 20	1 30	0 25	8 25	1 8	11 58	1 40	21 39	0 33	22 8	0 47	1 20	15 21	16 47	16 30	26 54	16 1	6 19
S 14	21 50	2n14	2 51	16 49	4 51	11 43	1 18	1 16	0 24	8 21	1 8	11 56	1 40	21 39	0 33	22 8	0 47	1 20	15 20	16 47	16 29	26 55	16 0	6 19
M15	21 41	8 15	1 48	16 52	4 54	11 16	1 15	1 1	0 23	8 17	1 8	11 54	1 40	21 40	0 33	22 8	0 47	1 20	15 20	16 47	16 28	26 56	15 59	6 19
T 16	21 32	14 4	0 37	16 57	4 55	10 49	1 12	0 46	0 23	8 13	1 8	11 51	1 40	21 40	0 33	22 7	0 47	1 21	15 19	16 47	16 27	26 56	15 58	6 19
W17	21 22	19 18	0n38	17 3	4 55	10 21	1 9	0 31	0 22	8 9	1 7	11 49	1 40	21 41	0 33	22 7	0 47	1 21	15 19	16 47	16 26	26 57	15 57	6 19
T 18	21 12	23 32	1 52	17 10	4 53	9 53	1 6	0 17	0 21	8 5	1 7	11 47	1 40	21 41	0 33	22 7	0 47	1 22	15 18	16 46	16 25	26 58	15 56	6 19
F 19	21 1	26 17	3 1	17 18	4 50	9 25	1 2	0 2	0 20	8 1	1 7	11 44	1 40	21 42	0 33	22 7	0 47	1 22	15 18	16 45	16 24	26 59	15 55	6 19
S 20	20 51	27 11	3 57	17 27	4 44	8 56	0 59	0s13	0 19	7 56	1 7	11 42	1 39	21 42	0 33	22 7	0 47	1 23	15 17	16 43	16 23	26 59	15 54	6 20
S 21	20 39	26 4	4 38	17 38	4 38	8 28	0 55	0 28	0 18	7 52	1 7	11 39	1 39	21 42	0 33	22 6	0 47	1 23	15 16	16 41	16 22	27 0	15 53	6 20
M22	20 28	23 5	4 59	17 49	4 29	7 59	0 52	0 43	0 17	7 48	1 7	11 37	1 39	21 43	0 33	22 6	0 47	1 24	15 16	16 38	16 22	27 1	15 52	6 20
T 23	20 16	18 38	4 59	18 0	4 20	7 30	0 48	0 58	0 16	7 44	1 7	11 34	1 39	21 43	0 33	22 6	0 47	1 24	15 15	16 35	16 21	27 1	15 51	6 20
W24	20 4	13 12	4 41	18 12	4 9	7 1	0 44	1 13	0 15	7 39	1 7	11 32	1 39	21 44	0 33	22 6	0 47	1 25	15 15	16 32	16 20	27 2	15 50	6 20
T 25	19 51	7 15	4 6	18 25	3 57	6 32	0 41	1 28	0 14	7 35	1 7	11 29	1 39	21 44	0 33	22 6	0 47	1 25	15 14	16 30	16 19	27 3	15 49	6 20
F 26	19 38	1 11	3 18	18 38	3 45	6 3	0 37	1 43	0 13	7 31	1 7	11 27	1 39	21 45	0 33	22 5	0 47	1 26	15 14	16 29	16 18	27 4	15 48	6 20
S 27	19 25	4s46	2 21	18 51	3 31	5 34	0 32	1 59	0 12	7 26	1 7	11 24	1 39	21 45	0 33	22 5	0 47	1 26	15 13	16 28	16 17	27 4	15 47	6 20
S 28	19 12	10 20	1 19	19 3	3 17	5 4	0 28	2 14	0 11	7 22	1 6	11 22	1 39	21 45	0 33	22 5	0 47	1 27	15 13	16 28	16 16	27 5	15 46	6 21
M29	18 58	15 22	0 15	19 16	3 2	4 34	0 24	2 29	0 10	7 17	1 6	11 19	1 39	21 46	0 33	22 5	0 47	1 27	15 12	16 28	16 15	27 6	15 45	6 21
T 30	18 44	19 43	0s49	19 28	2 47	4 5	0 20	2 44	0 10	7 13	1 6	11 17	1 39	21 46	0 33	22 5	0 47	1 28	15 11	16 28	16 14	27 6	15 44	6 21
W31	18n29	23s12	1s49	19n39	2s31	3n35	0n15	2s59	0n 9	7n 8	1n 6	11n14	1n39	21s47	0s33	22n 4	0s47	1s29	15n11	16n27	16n13	27s 7	15n43	6s21

Julian Day Number = 2357858.5, Delta T = 14.17 sec
Ecliptic obliquity = 23°28'27, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'34, Lahiri = 20°16'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

AUGUST 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 39	8♌11'53	18♐14	19♋29	22♍39	8♎28	14♍40	5♍ 6	24°R33	12♋48	13♏47	15°R16	14♉28	29♐37	20♋ 0	T 1
F 2	20 40 36	9° 9'20	0♑ 4	20°13	23°43	9° 5	14°51	5°13	24♑30	12°50	13°47	15♉ 9	14°25	29°44	20° 7	F 2
S 3	20 44 32	10° 6'48	11°57	21° 2	24°48	9°41	15° 3	5°20	24°28	12°52	13°47	15° 0	14°22	29°50	20°13	S 3
S 4	20 48 29	11° 4'16	23°56	21°58	25°52	10°18	15°15	5°27	24°26	12°54	13°48	14°49	14°18	29°57	20°20	S 4
M 5	20 52 26	12° 1'46	6♒ 4	23° 0	26°56	10°55	15°26	5°35	24°24	12°56	13°48	14°36	14°15	0♑ 4	20°27	M 5
T 6	20 56 22	12°59'16	18°22	24° 7	28° 0	11°32	15°38	5°42	24°21	12°58	13°48	14°22	14°12	0°10	20°33	T 6
W 7	21 0 19	13°56'48	0♓49	25°21	29° 4	12°10	15°50	5°49	24°19	13° 0	13°49	14° 9	14° 9	0°17	20°39	W 7
T 8	21 4 15	14°54'21	13°27	26°40	0♎ 7	12°47	16° 2	5°56	24°17	13° 2	13°49	13°58	14° 6	0°24	20°46	T 8
F 9	21 8 12	15°51'55	26°15	28° 4	1°10	13°24	16°14	6° 3	24°15	13° 4	13°50	13°50	14° 3	0°30	20°52	F 9
S 10	21 12 8	16°49'30	9♈16	29°33	2°13	14° 2	16°26	6°11	24°13	13° 6	13°50	13°44	13°59	0°37	20°59	S 10
S 11	21 16 5	17°47'07	22°28	1♌ 6	3°16	14°39	16°38	6°18	24°10	13° 7	13°51	13°41	13°56	0°44	21° 5	S 11
M12	21 20 1	18°44'46	5♉55	2°44	4°18	15°17	16°50	6°25	24° 8	13° 9	13°52	13°40	13°53	0°50	21°11	M12
T 13	21 23 58	19°42'26	19°37	4°26	5°20	15°55	17° 2	6°33	24° 6	13°11	13°52	13°39	13°50	0°57	21°18	T 13
W14	21 27 54	20°40'08	3♊36	6°12	6°22	16°32	17°14	6°40	24° 4	13°13	13°53	13°39	13°47	1° 4	21°24	W14
T 15	21 31 51	21°37'51	17°52	8° 0	7°23	17°10	17°27	6°47	24° 2	13°15	13°54	13°37	13°44	1°10	21°30	T 15
F 16	21 35 48	22°35'36	2♋23	9°52	8°25	17°48	17°39	6°55	24° 0	13°17	13°54	13°33	13°40	1°17	21°36	F 16
S 17	21 39 44	23°33'23	17° 6	11°45	9°26	18°27	17°51	7° 2	23°58	13°19	13°55	13°26	13°37	1°24	21°43	S 17
S 18	21 43 41	24°31'11	1♌53	13°41	10°26	19° 5	18° 4	7°10	23°56	13°20	13°56	13°17	13°34	1°31	21°49	S 18
M19	21 47 37	25°29'01	16°38	15°38	11°27	19°43	18°16	7°17	23°54	13°22	13°57	13° 6	13°31	1°37	21°55	M19
T 20	21 51 34	26°26'52	1♍12	17°36	12°27	20°22	18°28	7°25	23°52	13°24	13°58	12°55	13°28	1°44	22° 1	T 20
W21	21 55 30	27°24'45	15°28	19°35	13°26	21° 0	18°41	7°32	23°50	13°26	13°58	12°45	13°24	1°51	22° 7	W21
T 22	21 59 27	28°22'39	29°20	21°34	14°25	21°39	18°53	7°40	23°48	13°27	13°59	12°37	13°21	1°57	22°13	T 22
F 23	22 3 24	29°20'34	12♎47	23°34	15°24	22°17	19° 6	7°47	23°47	13°29	14° 0	12°31	13°18	2° 4	22°19	F 23
S 24	22 7 20	0♍18'31	25°47	25°33	16°23	22°56	19°19	7°55	23°45	13°31	14° 1	12°28	13°15	2°11	22°25	S 24
S 25	22 11 17	1°16'29	8♏25	27°33	17°21	23°35	19°31	8° 2	23°43	13°32	14° 2	12°D27	13°12	2°17	22°31	S 25
M26	22 15 13	2°14'28	20°42	29°31	18°19	24°14	19°44	8°10	23°41	13°34	14° 3	12°27	13° 9	2°24	22°37	M26
T 27	22 19 10	3°12'29	2♐46	1♍29	19°16	24°53	19°56	8°17	23°40	13°36	14° 4	12°R27	13° 5	2°31	22°42	T 27
W28	22 23 6	4°10'31	14°40	3°27	20°13	25°32	20° 9	8°25	23°38	13°37	14° 6	12°27	13° 2	2°37	22°48	W28
T 29	22 27 3	5° 8'35	26°30	5°23	21°10	26°12	20°22	8°32	23°36	13°39	14° 7	12°24	12°59	2°44	22°54	T 29
F 30	22 30 59	6° 6'40	8♑21	7°18	22° 6	26°51	20°35	8°40	23°35	13°40	14° 8	12°20	12°56	2°51	22°59	F 30
S 31	22 34 56	7♍ 4'46	20♑18	9♍13	23♎ 1	27♎30	20♍47	8♍47	23♑33	13♋42	14♏ 9	12♉13	12♉53	2♑58	23♋ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n15	25s41	2s45	19n50	2s15	3n 5	0n11	3s15	0n 8	7n 4	1n 6	11n11	1n39	21s47	0s33	22n 4	0s47	1s29	15n10	16n26	16n12	27s 8	15n41	6s21
F 2	18 0	27 1	3 33	19 59	1 59	2 35	0 6	3 30	0 7	6 59	1 6	11 9	1 39	21 48	0 33	22 4	0 47	1 30	15 10	16 24	16 11	27 8	15 40	6 22
S 3	17 44	27 7	4 12	20 8	1 43	2 5	0 1	3 45	0 6	6 55	1 6	11 6	1 39	21 48	0 33	22 4	0 47	1 31	15 9	16 22	16 10	27 9	15 39	6 22
S 4	17 29	25 57	4 40	20 15	1 27	1 36	0s 3	4 0	0 5	6 50	1 6	11 4	1 39	21 48	0 33	22 4	0 47	1 31	15 9	16 18	16 9	27 9	15 38	6 22
M 5	17 13	23 34	4 56	20 20	1 12	1 6	0 8	4 16	0 4	6 46	1 6	11 1	1 39	21 49	0 33	22 4	0 47	1 32	15 8	16 14	16 8	27 10	15 37	6 22
T 6	16 56	20 5	4 59	20 24	0 56	0 36	0 13	4 31	0 4	6 41	1 6	10 58	1 39	21 49	0 33	22 3	0 47	1 32	15 7	16 10	16 7	27 11	15 36	6 23
W 7	16 40	15 40	4 47	20 26	0 41	0 6	0 18	4 46	0 3	6 36	1 6	10 56	1 39	21 50	0 33	22 3	0 47	1 33	15 7	16 7	16 7	27 11	15 35	6 23
T 8	16 23	10 32	4 22	20 25	0 26	0s24	0 24	5 2	0 2	6 32	1 6	10 53	1 39	21 50	0 33	22 3	0 47	1 34	15 6	16 3	16 6	27 12	15 33	6 23
F 9	16 6	4 53	3 42	20 23	0 12	0 54	0 29	5 17	0 1	6 27	1 6	10 50	1 39	21 50	0 33	22 3	0 47	1 34	15 6	16 1	16 5	27 12	15 32	6 23
S 10	15 49	1n 3	2 51	20 18	0n 1	1 24	0 34	5 32	0 0	6 22	1 6	10 48	1 39	21 51	0 33	22 3	0 47	1 35	15 5	15 59	16 4	27 13	15 31	6 24
S 11	15 31	7 4	1 49	20 10	0 14	1 54	0 39	5 48	0s 1	6 17	1 6	10 45	1 39	21 51	0 33	22 2	0 47	1 36	15 5	15 58	16 3	27 14	15 30	6 24
M12	15 14	12 52	0 41	20 0	0 26	2 24	0 45	6 3	0 1	6 13	1 6	10 42	1 39	21 51	0 33	22 2	0 47	1 37	15 4	15 58	16 2	27 14	15 29	6 24
T 13	14 56	18 10	0n32	19 47	0 38	2 54	0 50	6 18	0 2	6 8	1 5	10 40	1 39	21 52	0 33	22 2	0 47	1 37	15 3	15 58	16 1	27 15	15 27	6 24
W14	14 37	22 36	1 43	19 32	0 48	3 23	0 56	6 34	0 3	6 3	1 5	10 37	1 39	21 52	0 33	22 2	0 47	1 38	15 3	15 58	16 0	27 15	15 26	6 25
T 15	14 19	25 45	2 50	19 14	0 58	3 53	1 2	6 49	0 4	5 58	1 5	10 34	1 39	21 52	0 33	22 2	0 47	1 39	15 2	15 57	15 59	27 16	15 25	6 25
F 16	14 0	27 14	3 47	18 53	1 7	4 22	1 8	7 4	0 5	5 53	1 5	10 31	1 39	21 53	0 33	22 1	0 47	1 39	15 2	15 56	15 58	27 16	15 24	6 25
S 17	13 41	26 51	4 30	18 29	1 15	4 52	1 13	7 19	0 6	5 49	1 5	10 29	1 39	21 53	0 33	22 1	0 47	1 40	15 1	15 54	15 57	27 17	15 22	6 26
S 18	13 22	24 33	4 55	18 3	1 22	5 21	1 19	7 35	0 6	5 44	1 5	10 26	1 39	21 53	0 33	22 1	0 47	1 41	15 1	15 51	15 56	27 17	15 21	6 26
M19	13 3	20 38	5 0	17 34	1 28	5 50	1 25	7 50	0 7	5 39	1 5	10 23	1 39	21 54	0 33	22 1	0 47	1 42	15 0	15 48	15 55	27 18	15 20	6 26
T 20	12 43	15 31	4 46	17 3	1 33	6 19	1 31	8 5	0 8	5 34	1 5	10 20	1 39	21 54	0 33	22 1	0 47	1 42	15 0	15 44	15 54	27 18	15 18	6 27
W21	12 23	9 38	4 14	16 30	1 37	6 48	1 37	8 20	0 9	5 29	1 5	10 18	1 39	21 54	0 33	22 1	0 48	1 43	14 59	15 41	15 53	27 19	15 17	6 27
T 22	12 3	3 26	3 27	15 55	1 41	7 17	1 44	8 36	0 9	5 24	1 5	10 15	1 39	21 55	0 33	22 0	0 48	1 44	14 58	15 39	15 52	27 19	15 16	6 27
F 23	11 43	2s45	2 30	15 18	1 43	7 46	1 50	8 51	0 10	5 19	1 5	10 12	1 39	21 55	0 33	22 0	0 48	1 45	14 58	15 37	15 51	27 20	15 15	6 28
S 24	11 23	8 37	1 27	14 40	1 45	8 14	1 56	9 6	0 11	5 14	1 5	10 9	1 39	21 55	0 33	22 0	0 48	1 46	14 57	15 36	15 50	27 20	15 13	6 28
S 25	11 2	13 59	0 21	14 0	1 46	8 42	2 2	9 21	0 12	5 9	1 5	10 6	1 40	21 56	0 33	22 0	0 48	1 46	14 57	15 36	15 49	27 21	15 12	6 29
M26	10 42	18 40	0s44	13 19	1 46	9 10	2 9	9 36	0 12	5 4	1 5	10 4	1 40	21 56	0 33	22 0	0 48	1 47	14 56	15 36	15 48	27 21	15 11	6 29
T 27	10 21	22 28	1 46	12 37	1 46	9 38	2 15	9 51	0 13	4 59	1 5	10 1	1 40	21 56	0 33	21 59	0 48	1 48	14 56	15 36	15 47	27 22	15 9	6 29
W28	10 0	25 17	2 43	11 53	1 45	10 6	2 22	10 6	0 14	4 54	1 5	9 58	1 40	21 57	0 33	21 59	0 48	1 49	14 55	15 36	15 46	27 22	15 8	6 30
T 29	9 38	26 57	3 32	11 9	1 43	10 33	2 28	10 21	0 15	4 49	1 5	9 55	1 40	21 57	0 33	21 59	0 48	1 50	14 55	15 35	15 46	27 23	15 7	6 30
F 30	9 17	27 24	4 12	10 24	1 41	11 1	2 35	10 36	0 15	4 44	1 5	9 52	1 40	21 57	0 33	21 59	0 48	1 50	14 54	15 34	15 45	27 23	15 5	6 31
S 31	8n55	26s35	4s42	9n39	1n39	11s27	2s41	10s51	0s16	4n39	1n 5	9n50	1n40	21s57	0s33	21n59	0s48	1s51	14n54	15n31	15n44	27s23	15n 4	6s31

Julian Day Number = 2357889.5, Delta T = 14.19 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'38, Lahiri = 20°16'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

SEPTEMBER 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 38 53	8♍ 2'54	2♒24	11♍ 6	23♎56	28♎10	21♍ 0	8♍55	23°R32	13♋43	14♏10	12°R 4	12♉50	3♑ 4	23♋11	S 1
M 2	22 42 49	9° 1'04	14°41	12°58	24°50	28°49	21°13	9° 3	23♑30	13°45	14°12	11♉53	12°46	3°11	23°16	M 2
T 3	22 46 46	9°59'15	27°10	14°49	25°44	29°29	21°26	9°10	23°29	13°46	14°13	11°42	12°43	3°18	23°22	T 3
W 4	22 50 42	10°57'28	9♓54	16°39	26°38	0♏ 9	21°39	9°18	23°28	13°47	14°14	11°31	12°40	3°24	23°27	W 4
T 5	22 54 39	11°55'42	22°51	18°28	27°30	0°49	21°51	9°25	23°26	13°49	14°16	11°22	12°37	3°31	23°32	T 5
F 6	22 58 35	12°53'59	6♈ 0	20°15	28°23	1°29	22° 4	9°33	23°25	13°50	14°17	11°15	12°34	3°38	23°38	F 6
S 7	23 2 32	13°52'17	19°20	22° 1	29°14	2° 9	22°17	9°40	23°24	13°51	14°18	11°10	12°30	3°44	23°43	S 7
S 8	23 6 28	14°50'37	2♉51	23°47	0♏ 5	2°49	22°30	9°48	23°22	13°53	14°20	11° 8	12°27	3°51	23°48	S 8
M 9	23 10 25	15°49'00	16°32	25°31	0°55	3°29	22°43	9°55	23°21	13°54	14°21	11°D 8	12°24	3°58	23°53	M 9
T 10	23 14 21	16°47'24	0♊22	27°14	1°45	4° 9	22°56	10° 3	23°20	13°55	14°23	11° 9	12°21	4° 4	23°58	T 10
W11	23 18 18	17°45'51	14°22	28°56	2°34	4°50	23° 9	10°10	23°19	13°56	14°24	11°R 9	12°18	4°11	24° 3	W11
T 12	23 22 15	18°44'20	28°31	0♎37	3°22	5°30	23°22	10°18	23°18	13°58	14°26	11° 9	12°15	4°18	24° 8	T 12
F 13	23 26 11	19°42'51	12♋46	2°16	4° 9	6°11	23°35	10°26	23°17	13°59	14°27	11° 7	12°11	4°25	24°13	F 13
S 14	23 30 8	20°41'25	27° 7	3°55	4°55	6°51	23°48	10°33	23°16	14° 0	14°29	11° 2	12° 8	4°31	24°18	S 14
S 15	23 34 4	21°40'00	11♌30	5°33	5°41	7°32	24° 1	10°41	23°15	14° 1	14°31	10°56	12° 5	4°38	24°22	S 15
M16	23 38 1	22°38'38	25°48	7° 9	6°26	8°13	24°14	10°48	23°14	14° 2	14°32	10°49	12° 2	4°45	24°27	M16
T 17	23 41 57	23°37'18	9♍58	8°45	7°10	8°54	24°27	10°55	23°14	14° 3	14°34	10°41	11°59	4°51	24°32	T 17
W18	23 45 54	24°35'59	23°53	10°20	7°53	9°34	24°40	11° 3	23°13	14° 4	14°36	10°34	11°55	4°58	24°36	W18
T 19	23 49 50	25°34'43	7♎30	11°53	8°35	10°16	24°53	11°10	23°12	14° 5	14°38	10°28	11°52	5° 5	24°41	T 19
F 20	23 53 47	26°33'28	20°47	13°26	9°16	10°57	25° 6	11°18	23°11	14° 6	14°39	10°24	11°49	5°11	24°45	F 20
S 21	23 57 44	27°32'16	3♏42	14°58	9°56	11°38	25°19	11°25	23°11	14° 7	14°41	10°22	11°46	5°18	24°50	S 21
S 22	0 1 40	28°31'05	16°17	16°29	10°34	12°19	25°32	11°32	23°10	14° 8	14°43	10°D22	11°43	5°25	24°54	S 22
M23	0 5 37	29°29'56	28°35	17°58	11°12	13° 0	25°45	11°40	23°10	14° 9	14°45	10°23	11°40	5°31	24°58	M23
T 24	0 9 33	0♎28'49	10♐39	19°27	11°49	13°42	25°58	11°47	23° 9	14° 9	14°47	10°25	11°36	5°38	25° 2	T 24
W25	0 13 30	1°27'44	22°35	20°55	12°24	14°23	26°11	11°54	23° 9	14°10	14°48	10°26	11°33	5°45	25° 6	W25
T 26	0 17 26	2°26'40	4♑26	22°22	12°58	15° 5	26°23	12° 2	23° 8	14°11	14°50	10°R27	11°30	5°52	25°10	T 26
F 27	0 21 23	3°25'39	16°18	23°48	13°30	15°47	26°36	12° 9	23° 8	14°12	14°52	10°26	11°27	5°58	25°14	F 27
S 28	0 25 19	4°24'39	28°17	25°13	14° 1	16°28	26°49	12°16	23° 8	14°12	14°54	10°23	11°24	6° 5	25°18	S 28
S 29	0 29 16	5°23'40	10♒25	26°37	14°31	17°10	27° 2	12°23	23° 7	14°13	14°56	10°19	11°21	6°12	25°22	S 29
M30	0 33 13	6♎22'44	22♒48	27♎59	14♏59	17♏52	27♍15	12♍30	23♑ 7	14♋14	14♏58	10♉14	11♉17	6♑18	25♋25	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n34	24s30	4s59	8n53	1n35	11s54	2s48	11s 6	0s17	4n34	1n 5	9n47	1n40	21s58	0s33	21n59	0s48	1s52	14n53	15n29	15n43	27s24	15n 3	6s31
M 2	8 12	21 16	5 3	8 7	1 32	12 21	2 55	11 21	0 18	4 29	1 5	9 44	1 40	21 58	0 33	21 58	0 48	1 53	14 53	15 25	15 42	27 24	15 1	6 32
T 3	7 50	17 2	4 52	7 20	1 28	12 47	3 2	11 36	0 18	4 24	1 5	9 41	1 40	21 58	0 33	21 58	0 48	1 54	14 52	15 22	15 41	27 25	15 0	6 32
W 4	7 28	11 59	4 27	6 33	1 23	13 12	3 8	11 50	0 19	4 19	1 5	9 38	1 40	21 58	0 33	21 58	0 48	1 55	14 52	15 19	15 40	27 25	14 59	6 33
T 5	7 6	6 20	3 48	5 47	1 19	13 38	3 15	12 5	0 20	4 14	1 5	9 36	1 40	21 58	0 33	21 58	0 48	1 56	14 51	15 16	15 39	27 25	14 57	6 33
F 6	6 44	0 19	2 56	5 0	1 14	14 3	3 22	12 19	0 20	4 9	1 5	9 33	1 40	21 59	0 33	21 58	0 48	1 56	14 51	15 13	15 38	27 26	14 56	6 34
S 7	6 21	5n49	1 54	4 13	1 8	14 28	3 29	12 34	0 21	4 3	1 5	9 30	1 40	21 59	0 33	21 58	0 48	1 57	14 50	15 12	15 37	27 26	14 55	6 34
S 8	5 59	11 47	0 44	3 26	1 2	14 53	3 35	12 48	0 22	3 58	1 5	9 27	1 40	21 59	0 33	21 58	0 48	1 58	14 50	15 11	15 36	27 27	14 53	6 35
M 9	5 36	17 16	0n29	2 39	0 57	15 17	3 42	13 3	0 23	3 53	1 5	9 24	1 40	21 59	0 33	21 57	0 48	1 59	14 49	15 11	15 35	27 27	14 52	6 35
T 10	5 13	21 55	1 41	1 52	0 50	15 41	3 49	13 17	0 23	3 48	1 5	9 22	1 40	21 59	0 33	21 57	0 48	2 0	14 49	15 12	15 34	27 27	14 51	6 36
W11	4 51	25 21	2 49	1 6	0 44	16 4	3 56	13 31	0 24	3 43	1 5	9 19	1 41	22 0	0 33	21 57	0 48	2 1	14 48	15 12	15 33	27 28	14 49	6 36
T 12	4 28	27 14	3 46	0 20	0 38	16 27	4 3	13 46	0 25	3 38	1 5	9 16	1 41	22 0	0 33	21 57	0 48	2 2	14 48	15 12	15 32	27 28	14 48	6 37
F 13	4 5	27 21	4 30	0s26	0 31	16 50	4 10	14 0	0 25	3 33	1 5	9 13	1 41	22 0	0 33	21 57	0 48	2 2	14 47	15 11	15 31	27 28	14 47	6 37
S 14	3 42	25 38	4 58	1 12	0 24	17 12	4 16	14 14	0 26	3 28	1 5	9 11	1 41	22 0	0 33	21 57	0 48	2 3	14 47	15 10	15 30	27 28	14 45	6 38
S 15	3 19	22 16	5 7	1 57	0 17	17 34	4 23	14 28	0 27	3 23	1 5	9 8	1 41	22 0	0 33	21 57	0 48	2 4	14 46	15 8	15 29	27 29	14 44	6 38
M16	2 55	17 35	4 57	2 42	0 10	17 56	4 30	14 42	0 27	3 17	1 5	9 5	1 41	22 0	0 33	21 56	0 48	2 5	14 46	15 5	15 28	27 29	14 43	6 39
T 17	2 32	11 59	4 28	3 26	0 3	18 17	4 37	14 55	0 28	3 12	1 5	9 2	1 41	22 0	0 32	21 56	0 48	2 6	14 46	15 3	15 27	27 29	14 41	6 39
W18	2 9	5 52	3 44	4 10	0s 5	18 37	4 44	15 9	0 29	3 7	1 5	9 0	1 41	22 1	0 32	21 56	0 48	2 7	14 45	15 1	15 26	27 30	14 40	6 40
T 19	1 46	0s25	2 48	4 53	0 12	18 57	4 50	15 23	0 29	3 2	1 5	8 57	1 41	22 1	0 32	21 56	0 48	2 8	14 45	14 59	15 25	27 30	14 39	6 41
F 20	1 22	6 31	1 44	5 36	0 19	19 17	4 57	15 36	0 30	2 57	1 5	8 54	1 41	22 1	0 32	21 56	0 48	2 9	14 44	14 58	15 24	27 30	14 38	6 41
S 21	0 59	12 12	0 36	6 19	0 27	19 36	5 3	15 50	0 30	2 52	1 5	8 51	1 41	22 1	0 32	21 56	0 48	2 10	14 44	14 57	15 23	27 30	14 36	6 42
S 22	0 35	17 15	0s32	7 1	0 34	19 55	5 10	16 3	0 31	2 47	1 5	8 49	1 42	22 1	0 32	21 56	0 48	2 10	14 43	14 57	15 22	27 31	14 35	6 42
M23	0 12	21 27	1 37	7 42	0 42	20 13	5 16	16 16	0 32	2 41	1 5	8 46	1 42	22 1	0 32	21 56	0 48	2 11	14 43	14 58	15 21	27 31	14 34	6 43
T 24	0s11	24 40	2 37	8 23	0 49	20 31	5 23	16 29	0 32	2 36	1 5	8 43	1 42	22 1	0 32	21 56	0 48	2 12	14 43	14 58	15 20	27 31	14 32	6 43
W25	0 35	26 45	3 29	9 3	0 57	20 48	5 29	16 42	0 33	2 31	1 5	8 41	1 42	22 1	0 32	21 55	0 48	2 13	14 42	14 58	15 19	27 31	14 31	6 44
T 26	0 58	27 36	4 12	9 42	1 4	21 4	5 35	16 55	0 34	2 26	1 5	8 38	1 42	22 1	0 32	21 55	0 48	2 14	14 42	14 59	15 18	27 32	14 30	6 45
F 27	1 22	27 11	4 44	10 21	1 11	21 20	5 41	17 8	0 34	2 21	1 5	8 35	1 42	22 1	0 32	21 55	0 48	2 15	14 42	14 58	15 17	27 32	14 28	6 45
S 28	1 45	25 30	5 4	10 59	1 19	21 35	5 47	17 21	0 35	2 16	1 5	8 33	1 42	22 1	0 32	21 55	0 48	2 16	14 41	14 57	15 16	27 32	14 27	6 46
S 29	2 9	22 38	5 11	11 37	1 26	21 50	5 53	17 33	0 35	2 11	1 5	8 30	1 42	22 1	0 32	21 55	0 48	2 17	14 41	14 56	15 15	27 32	14 26	6 47
M30	2s32	18s43	5s 4	12s13	1s33	22s 4	5s59	17s45	0s36	2n 6	1n 5	8n27	1n42	22s 1	0s32	21n55	0s48	2s18	14n40	14n55	15n14	27s32	14n25	6s47

Julian Day Number = 2357920.5, Delta T = 14.21 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'42, Lahiri = 20°16'42Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1743
geocentric

OCTOBER 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 9	7♎21'49	5♓27	29♎21	15♏26	18♏34	27♍28	12♍38	23°R 7	14♋14	15♏ 0	10°R 8	11♉14	6♑25	25♋29	T 1
W 2	0 41 6	8°20'57	18°23	0♏42	15°51	19°16	27°41	12°45	23♑ 7	14°15	15° 2	10♉ 3	11°11	6°32	25°32	W 2
T 3	0 45 2	9°20'06	1♈38	2° 1	16°14	19°58	27°54	12°52	23°D 7	14°15	15° 4	9°58	11° 8	6°38	25°36	T 3
F 4	0 48 59	10°19'17	15° 9	3°19	16°35	20°40	28° 7	12°59	23° 7	14°16	15° 6	9°55	11° 5	6°45	25°39	F 4
S 5	0 52 55	11°18'30	28°54	4°36	16°55	21°23	28°19	13° 6	23° 7	14°16	15° 8	9°53	11° 1	6°52	25°43	S 5
S 6	0 56 52	12°17'46	12♉51	5°51	17°12	22° 5	28°32	13°13	23° 7	14°17	15°11	9°D53	10°58	6°59	25°46	S 6
M 7	1 0 48	13°17'03	26°57	7° 5	17°28	22°48	28°45	13°20	23° 7	14°17	15°13	9°53	10°55	7° 5	25°49	M 7
T 8	1 4 45	14°16'23	11♊ 7	8°18	17°42	23°30	28°58	13°26	23° 8	14°17	15°15	9°55	10°52	7°12	25°52	T 8
W 9	1 8 42	15°15'46	25°20	9°28	17°53	24°13	29°11	13°33	23° 8	14°18	15°17	9°56	10°49	7°19	25°55	W 9
T 10	1 12 38	16°15'11	9♋33	10°37	18° 3	24°55	29°23	13°40	23° 8	14°18	15°19	9°57	10°46	7°25	25°58	T 10
F 11	1 16 35	17°14'38	23°44	11°44	18°10	25°38	29°36	13°47	23° 9	14°18	15°21	9°R57	10°42	7°32	26° 0	F 11
S 12	1 20 31	18°14'07	7♌50	12°49	18°16	26°21	29°49	13°54	23° 9	14°18	15°24	9°56	10°39	7°39	26° 3	S 12
S 13	1 24 28	19°13'39	21°50	13°51	18°19	27° 4	0♎ 1	14° 0	23°10	14°19	15°26	9°54	10°36	7°45	26° 6	S 13
M14	1 28 24	20°13'13	5♍42	14°51	18°R19	27°47	0°14	14° 7	23°10	14°19	15°28	9°51	10°33	7°52	26° 8	M14
T 15	1 32 21	21°12'49	19°24	15°48	18°17	28°30	0°26	14°13	23°11	14°19	15°30	9°49	10°30	7°59	26°11	T 15
W16	1 36 17	22°12'27	2♎52	16°42	18°13	29°13	0°39	14°20	23°11	14°19	15°32	9°46	10°27	8° 6	26°13	W16
T 17	1 40 14	23°12'08	16° 6	17°32	18° 7	29°56	0°51	14°27	23°12	14°19	15°35	9°44	10°23	8°12	26°15	T 17
F 18	1 44 11	24°11'50	29° 5	18°19	17°58	0♐39	1° 4	14°33	23°13	14°R19	15°37	9°43	10°20	8°19	26°17	F 18
S 19	1 48 7	25°11'35	11♏48	19° 2	17°46	1°22	1°16	14°39	23°14	14°19	15°39	9°D43	10°17	8°26	26°19	S 19
S 20	1 52 4	26°11'21	24°15	19°39	17°33	2° 6	1°29	14°46	23°14	14°19	15°42	9°43	10°14	8°32	26°21	S 20
M21	1 56 0	27°11'09	6♐29	20°12	17°17	2°49	1°41	14°52	23°15	14°19	15°44	9°44	10°11	8°39	26°23	M21
T 22	1 59 57	28°11'00	18°32	20°39	16°58	3°33	1°53	14°58	23°16	14°19	15°46	9°45	10° 7	8°46	26°25	T 22
W23	2 3 53	29°10'52	0♑27	21° 0	16°37	4°16	2° 6	15° 4	23°17	14°19	15°49	9°47	10° 4	8°52	26°26	W23
T 24	2 7 50	0♏10'45	12°18	21°14	16°14	5° 0	2°18	15°10	23°18	14°18	15°51	9°47	10° 1	8°59	26°28	T 24
F 25	2 11 46	1°10'41	24°10	21°R21	15°49	5°44	2°30	15°16	23°19	14°18	15°53	9°48	9°58	9° 6	26°29	F 25
S 26	2 15 43	2°10'38	6♒ 7	21°20	15°22	6°28	2°42	15°22	23°20	14°18	15°56	9°R48	9°55	9°13	26°31	S 26
S 27	2 19 40	3°10'36	18°14	21°10	14°53	7°12	2°54	15°28	23°22	14°18	15°58	9°48	9°52	9°19	26°32	S 27
M28	2 23 36	4°10'36	0♓36	20°51	14°23	7°55	3° 6	15°34	23°23	14°17	16° 0	9°47	9°48	9°26	26°33	M28
T 29	2 27 33	5°10'38	13°16	20°23	13°51	8°39	3°18	15°40	23°24	14°17	16° 3	9°47	9°45	9°33	26°34	T 29
W30	2 31 29	6°10'42	26°18	19°45	13°17	9°24	3°30	15°46	23°25	14°17	16° 5	9°46	9°42	9°39	26°35	W30
T 31	2 35 26	7♏10'47	9♈42	18♏58	12♏43	10♐ 8	3♎42	15♍51	23♑27	14♋16	16♏ 8	9♉46	9♉39	9♑46	26♋36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s56	13s54	4s42	12s49	1s40	22s17	6s 4	17s58	0s37	2n 1	1n 5	8n25	1n43	22s 1	0s32	21n55	0s48	2s18	14n40	14n53	15n13	27s32	14n23	6s48
W 2	3 19	8 21	4 5	13 24	1 47	22 29	6 9	18 10	0 37	1 55	1 6	8 22	1 43	22 1	0 32	21 55	0 48	2 19	14 40	14 51	15 12	27 33	14 22	6 48
T 3	3 42	2 19	3 14	13 58	1 54	22 41	6 15	18 22	0 38	1 50	1 6	8 19	1 43	22 1	0 32	21 55	0 48	2 20	14 39	14 50	15 11	27 33	14 21	6 49
F 4	4 6	3n57	2 11	14 32	2 1	22 52	6 20	18 34	0 38	1 45	1 6	8 17	1 43	22 1	0 32	21 55	0 48	2 21	14 39	14 49	15 10	27 33	14 20	6 50
S 5	4 29	10 10	1 0	15 4	2 7	23 2	6 24	18 45	0 39	1 40	1 6	8 14	1 43	22 1	0 32	21 55	0 48	2 22	14 39	14 48	15 9	27 33	14 18	6 50
S 6	4 52	15 59	0n16	15 35	2 13	23 12	6 29	18 57	0 39	1 35	1 6	8 12	1 43	22 1	0 32	21 55	0 48	2 23	14 38	14 48	15 8	27 33	14 17	6 51
M 7	5 15	21 0	1 32	16 6	2 20	23 20	6 33	19 8	0 40	1 30	1 6	8 9	1 43	22 1	0 32	21 55	0 48	2 24	14 38	14 48	15 7	27 33	14 16	6 52
T 8	5 38	24 50	2 43	16 35	2 25	23 28	6 37	19 20	0 40	1 25	1 6	8 7	1 44	22 1	0 32	21 55	0 48	2 25	14 38	14 48	15 6	27 33	14 15	6 52
W 9	6 1	27 8	3 44	17 3	2 31	23 35	6 40	19 31	0 41	1 20	1 6	8 4	1 44	22 1	0 32	21 54	0 48	2 25	14 37	14 49	15 5	27 34	14 14	6 53
T 10	6 24	27 39	4 32	17 30	2 36	23 41	6 43	19 42	0 42	1 15	1 6	8 2	1 44	22 1	0 32	21 54	0 48	2 26	14 37	14 49	15 4	27 34	14 12	6 54
F 11	6 47	26 21	5 2	17 56	2 42	23 46	6 46	19 53	0 42	1 10	1 6	7 59	1 44	22 1	0 32	21 54	0 48	2 27	14 37	14 49	15 3	27 34	14 11	6 54
S 12	7 10	23 24	5 14	18 21	2 46	23 49	6 49	20 3	0 43	1 5	1 6	7 57	1 44	22 1	0 32	21 54	0 48	2 28	14 37	14 49	15 2	27 34	14 10	6 55
S 13	7 32	19 6	5 8	18 44	2 51	23 52	6 51	20 14	0 43	1 0	1 6	7 54	1 44	22 1	0 32	21 54	0 48	2 29	14 36	14 48	15 1	27 34	14 9	6 56
M14	7 55	13 49	4 43	19 6	2 54	23 54	6 52	20 24	0 44	0 55	1 6	7 52	1 44	22 0	0 32	21 54	0 48	2 30	14 36	14 47	15 0	27 34	14 8	6 56
T 15	8 17	7 56	4 3	19 26	2 58	23 54	6 53	20 34	0 44	0 50	1 6	7 50	1 45	22 0	0 32	21 54	0 48	2 31	14 36	14 47	14 59	27 34	14 7	6 57
W16	8 40	1 45	3 10	19 44	3 1	23 54	6 54	20 44	0 45	0 45	1 6	7 47	1 45	22 0	0 32	21 54	0 48	2 31	14 36	14 46	14 58	27 34	14 6	6 58
T 17	9 2	4s24	2 7	20 1	3 3	23 52	6 54	20 54	0 45	0 41	1 7	7 45	1 45	22 0	0 32	21 54	0 48	2 32	14 35	14 45	14 57	27 34	14 5	6 59
F 18	9 24	10 15	0 58	20 16	3 5	23 49	6 54	21 4	0 46	0 36	1 7	7 42	1 45	22 0	0 32	21 54	0 48	2 33	14 35	14 45	14 56	27 34	14 3	6 59
S 19	9 46	15 35	0s12	20 29	3 6	23 45	6 52	21 13	0 46	0 31	1 7	7 40	1 45	22 0	0 32	21 54	0 48	2 34	14 35	14 45	14 55	27 34	14 2	7 0
S 20	10 8	20 9	1 20	20 40	3 6	23 39	6 51	21 22	0 47	0 26	1 7	7 38	1 45	22 0	0 32	21 54	0 48	2 35	14 35	14 45	14 54	27 34	14 1	7 1
M21	10 29	23 46	2 23	20 48	3 6	23 32	6 48	21 32	0 47	0 21	1 7	7 36	1 46	21 59	0 32	21 54	0 48	2 36	14 34	14 45	14 53	27 34	14 0	7 1
T 22	10 51	26 17	3 19	20 54	3 4	23 24	6 45	21 40	0 48	0 16	1 7	7 33	1 46	21 59	0 32	21 54	0 48	2 36	14 34	14 46	14 52	27 34	13 59	7 2
W23	11 12	27 34	4 5	20 57	3 2	23 14	6 41	21 49	0 48	0 11	1 7	7 31	1 46	21 59	0 32	21 54	0 48	2 37	14 34	14 46	14 51	27 34	13 58	7 3
T 24	11 33	27 34	4 41	20 57	2 58	23 3	6 37	21 58	0 49	0 7	1 7	7 29	1 46	21 59	0 32	21 54	0 48	2 38	14 34	14 46	14 50	27 34	13 57	7 4
F 25	11 54	26 19	5 5	20 54	2 53	22 50	6 32	22 6	0 49	0 2	1 7	7 27	1 46	21 59	0 32	21 54	0 48	2 39	14 34	14 46	14 49	27 34	13 56	7 4
S 26	12 15	23 52	5 16	20 48	2 47	22 36	6 26	22 14	0 50	0s 3	1 7	7 25	1 47	21 58	0 32	21 54	0 48	2 40	14 34	14 46	14 48	27 34	13 55	7 5
S 27	12 35	20 21	5 14	20 38	2 39	22 21	6 19	22 22	0 50	0 7	1 7	7 22	1 47	21 58	0 32	21 54	0 49	2 41	14 33	14 46	14 47	27 34	13 54	7 6
M28	12 56	15 53	4 56	20 24	2 30	22 4	6 11	22 30	0 50	0 12	1 8	7 20	1 47	21 58	0 32	21 54	0 49	2 41	14 33	14 46	14 46	27 34	13 53	7 6
T 29	13 16	10 39	4 25	20 6	2 18	21 47	6 3	22 37	0 51	0 17	1 8	7 18	1 47	21 58	0 32	21 54	0 49	2 42	14 33	14 46	14 45	27 34	13 53	7 7
W30	13 36	4 49	3 38	19 43	2 6	21 28	5 54	22 44	0 51	0 21	1 8	7 16	1 47	21 57	0 32	21 54	0 49	2 43	14 33	14 46	14 44	27 34	13 52	7 8
T 31	13s56	1n25	2s39	19s16	1s51	21s 7	5s44	22s51	0s52	0s26	1n 8	7n14	1n47	21s57	0s32	21n54	0s49	2s44	14n33	14n46	14n43	27s34	13n51	7s 9

Julian Day Number = 2357950.5, Delta T = 14.24 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'46, Lahiri = 20°16'47Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

NOVEMBER 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 39 22	8♏10'53	23♈29	18°R 2	12°R 7	10♐52	3♎54	15♍57	23♑28	14°R16	16♏10	9°R45	9♉36	9♑53	26♋37	F 1
S 2	2 43 19	9°11'02	7♉36	16♏58	11♏31	11°36	4° 5	16° 3	23°30	14♋15	16°12	9♉45	9°32	9°59	26°38	S 2
S 3	2 47 15	10°11'12	21°59	15°47	10°55	12°20	4°17	16° 8	23°31	14°15	16°15	9°45	9°29	10° 6	26°38	S 3
M 4	2 51 12	11°11'25	6♊34	14°30	10°18	13° 5	4°29	16°13	23°33	14°14	16°17	9°45	9°26	10°13	26°39	M 4
T 5	2 55 9	12°11'39	21°13	13°12	9°42	13°49	4°40	16°19	23°34	14°14	16°20	9°45	9°23	10°20	26°39	T 5
W 6	2 59 5	13°11'55	5♋50	11°52	9° 6	14°34	4°52	16°24	23°36	14°13	16°22	9°45	9°20	10°26	26°39	W 6
T 7	3 3 2	14°12'14	20°20	10°35	8°30	15°18	5° 3	16°29	23°38	14°12	16°24	9°44	9°17	10°33	26°40	T 7
F 8	3 6 58	15°12'34	4♌38	9°22	7°55	16° 3	5°15	16°34	23°40	14°12	16°27	9°44	9°13	10°40	26°R40	F 8
S 9	3 10 55	16°12'56	18°43	8°17	7°22	16°48	5°26	16°39	23°41	14°11	16°29	9°D44	9°10	10°46	26°40	S 9
S 10	3 14 51	17°13'20	2♍32	7°20	6°50	17°32	5°37	16°44	23°43	14°10	16°32	9°44	9° 7	10°53	26°40	S 10
M11	3 18 48	18°13'46	16° 5	6°33	6°19	18°17	5°48	16°49	23°45	14° 9	16°34	9°45	9° 4	11° 0	26°39	M11
T 12	3 22 44	19°14'14	29°23	5°58	5°50	19° 2	5°59	16°54	23°47	14° 9	16°37	9°46	9° 1	11° 7	26°39	T 12
W13	3 26 41	20°14'44	12♎27	5°34	5°22	19°47	6°10	16°59	23°49	14° 8	16°39	9°47	8°58	11°13	26°39	W13
T 14	3 30 38	21°15'15	25°17	5°22	4°57	20°32	6°21	17° 3	23°51	14° 7	16°41	9°48	8°54	11°20	26°38	T 14
F 15	3 34 34	22°15'49	7♏54	5°D21	4°34	21°17	6°32	17° 8	23°53	14° 6	16°44	9°R48	8°51	11°27	26°38	F 15
S 16	3 38 31	23°16'24	20°20	5°32	4°13	22° 2	6°43	17°12	23°55	14° 5	16°46	9°48	8°48	11°33	26°37	S 16
S 17	3 42 27	24°17'00	2♐36	5°52	3°54	22°47	6°53	17°17	23°57	14° 4	16°49	9°47	8°45	11°40	26°36	S 17
M18	3 46 24	25°17'38	14°42	6°21	3°38	23°33	7° 4	17°21	24° 0	14° 3	16°51	9°45	8°42	11°47	26°35	M18
T 19	3 50 20	26°18'17	26°41	6°59	3°24	24°18	7°15	17°25	24° 2	14° 2	16°53	9°42	8°38	11°53	26°34	T 19
W20	3 54 17	27°18'58	8♑34	7°44	3°13	25° 3	7°25	17°29	24° 4	14° 1	16°56	9°39	8°35	12° 0	26°33	W20
T 21	3 58 13	28°19'40	20°25	8°35	3° 4	25°49	7°35	17°33	24° 6	14° 0	16°58	9°36	8°32	12° 7	26°32	T 21
F 22	4 2 10	29°20'23	2♒16	9°33	2°57	26°34	7°46	17°37	24° 9	13°59	17° 1	9°34	8°29	12°14	26°30	F 22
S 23	4 6 7	0♐21'07	14°11	10°35	2°53	27°20	7°56	17°41	24°11	13°58	17° 3	9°32	8°26	12°20	26°29	S 23
S 24	4 10 3	1°21'52	26°15	11°41	2°D52	28° 5	8° 6	17°45	24°14	13°57	17° 5	9°D31	8°23	12°27	26°28	S 24
M25	4 14 0	2°22'38	8♓32	12°52	2°52	28°51	8°16	17°49	24°16	13°56	17° 8	9°31	8°19	12°34	26°26	M25
T 26	4 17 56	3°23'25	21° 7	14° 5	2°56	29°37	8°26	17°52	24°19	13°54	17°10	9°32	8°16	12°40	26°24	T 26
W27	4 21 53	4°24'13	4♈ 4	15°22	3° 1	0♑22	8°35	17°56	24°21	13°53	17°12	9°33	8°13	12°47	26°23	W27
T 28	4 25 49	5°25'02	17°26	16°41	3° 9	1° 8	8°45	17°59	24°24	13°52	17°15	9°35	8°10	12°54	26°21	T 28
F 29	4 29 46	6°25'52	1♉16	18° 1	3°19	1°54	8°55	18° 2	24°26	13°51	17°17	9°36	8° 7	13° 1	26°19	F 29
S 30	4 33 42	7♐26'43	15♉32	19♏24	3♏32	2♑40	9♎ 4	18♍ 6	24♑29	13♋49	17♏19	9°R36	8♉ 4	13♑ 7	26♋17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s15	7n45	1s29	18s45	1s35	20s46	5s33	22s58	0s52	0s31	1n 8	7n12	1n48	21s57	0s32	21n54	0s49	2s44	14n33	14n46	14n42	27s34	13n50	7s 9
S 2	14 35	13 53	0 12	18 10	1 17	20 24	5 22	23 5	0 53	0 35	1 8	7 10	1 48	21 57	0 32	21 54	0 49	2 45	14 33	14 46	14 41	27 34	13 49	7 10
S 3	14 54	19 23	1n 7	17 31	0 58	20 1	5 10	23 11	0 53	0 40	1 8	7 8	1 48	21 56	0 32	21 54	0 49	2 46	14 32	14 46	14 40	27 34	13 48	7 11
M 4	15 13	23 47	2 23	16 50	0 39	19 38	4 57	23 17	0 53	0 44	1 8	7 6	1 48	21 56	0 32	21 54	0 49	2 47	14 32	14 46	14 39	27 34	13 47	7 12
T 5	15 31	26 41	3 30	16 6	0 18	19 13	4 44	23 23	0 54	0 49	1 9	7 4	1 49	21 56	0 31	21 54	0 49	2 47	14 32	14 45	14 38	27 34	13 47	7 12
W 6	15 49	27 44	4 23	15 23	0n 3	18 49	4 30	23 29	0 54	0 53	1 9	7 3	1 49	21 56	0 31	21 54	0 49	2 48	14 32	14 45	14 37	27 33	13 46	7 13
T 7	16 7	26 52	4 59	14 39	0 23	18 24	4 16	23 34	0 55	0 58	1 9	7 1	1 49	21 55	0 31	21 55	0 49	2 49	14 32	14 45	14 36	27 33	13 45	7 14
F 8	16 25	24 14	5 16	13 58	0 43	17 59	4 2	23 39	0 55	1 2	1 9	6 59	1 49	21 55	0 31	21 55	0 49	2 49	14 32	14 45	14 35	27 33	13 44	7 14
S 9	16 43	20 12	5 13	13 19	1 1	17 34	3 47	23 44	0 55	1 6	1 9	6 57	1 49	21 55	0 31	21 55	0 49	2 50	14 32	14 45	14 34	27 33	13 44	7 15
S 10	17 0	15 8	4 52	12 45	1 18	17 9	3 32	23 49	0 56	1 11	1 9	6 55	1 50	21 54	0 31	21 55	0 49	2 51	14 32	14 45	14 33	27 33	13 43	7 16
M11	17 17	9 25	4 16	12 15	1 33	16 44	3 16	23 53	0 56	1 15	1 9	6 54	1 50	21 54	0 31	21 55	0 49	2 52	14 32	14 45	14 32	27 33	13 42	7 17
T 12	17 34	3 23	3 26	11 51	1 46	16 20	3 1	23 58	0 57	1 19	1 9	6 52	1 50	21 54	0 31	21 55	0 49	2 52	14 32	14 46	14 31	27 33	13 42	7 17
W13	17 50	2s41	2 26	11 33	1 58	15 56	2 46	24 2	0 57	1 23	1 10	6 50	1 50	21 53	0 31	21 55	0 49	2 53	14 32	14 46	14 30	27 32	13 41	7 18
T 14	18 6	8 34	1 20	11 20	2 7	15 33	2 30	24 5	0 57	1 28	1 10	6 49	1 50	21 53	0 31	21 55	0 49	2 54	14 32	14 46	14 29	27 32	13 41	7 19
F 15	18 22	14 0	0 10	11 13	2 14	15 11	2 15	24 9	0 58	1 32	1 10	6 47	1 51	21 52	0 31	21 55	0 49	2 54	14 32	14 46	14 28	27 32	13 40	7 19
S 16	18 37	18 47	0s58	11 11	2 20	14 49	1 59	24 12	0 58	1 36	1 10	6 46	1 51	21 52	0 31	21 55	0 49	2 55	14 32	14 46	14 27	27 32	13 39	7 20
S 17	18 52	22 43	2 3	11 14	2 24	14 28	1 44	24 15	0 58	1 40	1 10	6 44	1 51	21 52	0 31	21 55	0 49	2 55	14 32	14 46	14 26	27 32	13 39	7 21
M18	19 7	25 36	3 1	11 21	2 26	14 9	1 29	24 18	0 59	1 44	1 10	6 43	1 51	21 51	0 31	21 55	0 49	2 56	14 32	14 45	14 25	27 31	13 38	7 22
T 19	19 21	27 17	3 51	11 33	2 27	13 50	1 15	24 20	0 59	1 48	1 10	6 41	1 52	21 51	0 31	21 55	0 49	2 57	14 32	14 45	14 24	27 31	13 38	7 22
W20	19 35	27 41	4 30	11 48	2 27	13 33	1 0	24 22	0 59	1 52	1 11	6 40	1 52	21 50	0 31	21 56	0 49	2 57	14 32	14 44	14 23	27 31	13 37	7 23
T 21	19 49	26 49	4 57	12 5	2 26	13 16	0 46	24 24	1 0	1 56	1 11	6 39	1 52	21 50	0 31	21 56	0 49	2 58	14 32	14 43	14 22	27 31	13 37	7 24
F 22	20 2	24 45	5 12	12 26	2 23	13 1	0 32	24 26	1 0	2 0	1 11	6 37	1 52	21 50	0 31	21 56	0 49	2 59	14 32	14 42	14 21	27 30	13 36	7 24
S 23	20 15	21 36	5 14	12 48	2 20	12 47	0 19	24 27	1 0	2 4	1 11	6 36	1 53	21 49	0 31	21 56	0 49	2 59	14 32	14 41	14 20	27 30	13 36	7 25
S 24	20 28	17 30	5 2	13 12	2 16	12 34	0 6	24 28	1 0	2 7	1 11	6 35	1 53	21 49	0 31	21 56	0 49	3 0	14 32	14 41	14 19	27 30	13 36	7 26
M25	20 40	12 38	4 35	13 38	2 12	12 22	0n 7	24 29	1 1	2 11	1 11	6 34	1 53	21 48	0 31	21 56	0 49	3 0	14 32	14 41	14 18	27 30	13 35	7 26
T 26	20 52	7 8	3 56	14 4	2 7	12 12	0 20	24 29	1 1	2 15	1 12	6 32	1 53	21 48	0 31	21 56	0 49	3 1	14 32	14 41	14 17	27 29	13 35	7 27
W27	21 3	1 11	3 3	14 32	2 1	12 3	0 31	24 30	1 1	2 19	1 12	6 31	1 54	21 47	0 31	21 56	0 49	3 1	14 32	14 42	14 16	27 29	13 35	7 28
T 28	21 14	5n 2	1 59	15 0	1 56	11 55	0 43	24 30	1 2	2 22	1 12	6 30	1 54	21 47	0 31	21 56	0 49	3 2	14 32	14 42	14 15	27 29	13 34	7 28
F 29	21 25	11 13	0 46	15 28	1 49	11 48	0 54	24 29	1 2	2 26	1 12	6 29	1 54	21 46	0 31	21 57	0 49	3 2	14 32	14 43	14 14	27 29	13 34	7 29
S 30	21s35	17n 2	0n32	15s57	1n43	11s42	1n 5	24s29	1s 2	2s29	1n12	6n28	1n54	21s46	0s31	21n57	0s49	3s 3	14n33	14n43	14n13	27s28	13n34	7s30

Julian Day Number = 2357981.5, Delta T = 14.26 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'50, Lahiri = 20°16'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1743
geocentric

DECEMBER 1743 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 39	8♐27'34	0♊11	20♏48	3♏46	3♑26	9♎13	18♍ 9	24♑32	13°R48	17♏22	9°R35	8♉ 0	13♑14	26°R15	S 1
M 2	4 41 36	9°28'27	15° 7	22°13	4° 3	4°12	9°23	18°12	24°34	13♋47	17°24	9♉32	7°57	13°21	26♋12	M 2
T 3	4 45 32	10°29'22	0♋13	23°39	4°22	4°58	9°32	18°15	24°37	13°45	17°26	9°28	7°54	13°27	26°10	T 3
W 4	4 49 29	11°30'17	15°17	25° 7	4°42	5°44	9°41	18°18	24°40	13°44	17°29	9°23	7°51	13°34	26° 8	W 4
T 5	4 53 25	12°31'13	0♌12	26°35	5° 5	6°30	9°50	18°20	24°43	13°43	17°31	9°19	7°48	13°41	26° 5	T 5
F 6	4 57 22	13°32'11	14°49	28° 3	5°29	7°16	9°58	18°23	24°46	13°41	17°33	9°15	7°44	13°48	26° 3	F 6
S 7	5 1 18	14°33'09	29° 4	29°32	5°56	8° 2	10° 7	18°25	24°48	13°40	17°35	9°12	7°41	13°54	26° 0	S 7
S 8	5 5 15	15°34'09	12♍55	1♐ 2	6°23	8°48	10°16	18°28	24°51	13°38	17°37	9°D11	7°38	14° 1	25°57	S 8
M 9	5 9 11	16°35'10	26°23	2°32	6°53	9°35	10°24	18°30	24°54	13°37	17°40	9°11	7°35	14° 8	25°54	M 9
T 10	5 13 8	17°36'12	9♎29	4° 3	7°24	10°21	10°32	18°32	24°57	13°36	17°42	9°13	7°32	14°14	25°51	T 10
W11	5 17 5	18°37'15	22°16	5°34	7°57	11° 7	10°41	18°34	25° 0	13°34	17°44	9°14	7°29	14°21	25°48	W11
T 12	5 21 1	19°38'19	4♏49	7° 5	8°31	11°54	10°49	18°36	25° 3	13°33	17°46	9°R15	7°25	14°28	25°45	T 12
F 13	5 24 58	20°39'24	17° 9	8°36	9° 7	12°40	10°57	18°38	25° 6	13°31	17°48	9°15	7°22	14°35	25°42	F 13
S 14	5 28 54	21°40'30	29°19	10° 8	9°44	13°27	11° 4	18°40	25° 9	13°29	17°50	9°13	7°19	14°41	25°39	S 14
S 15	5 32 51	22°41'36	11♐23	11°40	10°22	14°13	11°12	18°42	25°12	13°28	17°52	9° 8	7°16	14°48	25°36	S 15
M16	5 36 47	23°42'44	23°21	13°12	11° 2	15° 0	11°20	18°43	25°16	13°26	17°55	9° 2	7°13	14°55	25°33	M16
T 17	5 40 44	24°43'51	5♑15	14°44	11°43	15°47	11°27	18°45	25°19	13°25	17°57	8°53	7°10	15° 1	25°29	T 17
W18	5 44 41	25°45'00	17° 7	16°17	12°24	16°33	11°34	18°46	25°22	13°23	17°59	8°44	7° 6	15° 8	25°26	W18
T 19	5 48 37	26°46'08	28°58	17°49	13° 7	17°20	11°41	18°47	25°25	13°22	18° 1	8°34	7° 3	15°15	25°22	T 19
F 20	5 52 34	27°47'17	10♒50	19°22	13°52	18° 7	11°48	18°48	25°28	13°20	18° 3	8°25	7° 0	15°22	25°19	F 20
S 21	5 56 30	28°48'26	22°46	20°55	14°37	18°53	11°55	18°49	25°31	13°18	18° 5	8°17	6°57	15°28	25°15	S 21
S 22	6 0 27	29°49'35	4♓49	22°29	15°23	19°40	12° 2	18°50	25°35	13°17	18° 7	8°11	6°54	15°35	25°11	S 22
M23	6 4 23	0♑50'45	17° 3	24° 2	16°10	20°27	12° 8	18°51	25°38	13°15	18° 9	8° 8	6°50	15°42	25° 7	M23
T 24	6 8 20	1°51'54	29°32	25°36	16°58	21°14	12°15	18°52	25°41	13°13	18°10	8°D 7	6°47	15°48	25° 4	T 24
W25	6 12 16	2°53'03	12♈20	27°10	17°47	22° 1	12°21	18°52	25°45	13°12	18°12	8° 7	6°44	15°55	25° 0	W25
T 26	6 16 13	3°54'12	25°33	28°45	18°36	22°48	12°27	18°53	25°48	13°10	18°14	8° 8	6°41	16° 2	24°56	T 26
F 27	6 20 10	4°55'21	9♉13	0♑19	19°27	23°35	12°33	18°53	25°51	13° 8	18°16	8°R 9	6°38	16° 9	24°52	F 27
S 28	6 24 6	5°56'30	23°22	1°54	20°18	24°22	12°39	18°53	25°55	13° 7	18°18	8° 8	6°35	16°15	24°48	S 28
S 29	6 28 3	6°57'39	8♊ 0	3°29	21°10	25° 9	12°45	18°54	25°58	13° 5	18°20	8° 4	6°31	16°22	24°44	S 29
M30	6 31 59	7°58'48	23° 1	5° 5	22° 3	25°56	12°50	18°R54	26° 1	13° 3	18°21	7°58	6°28	16°29	24°40	M30
T 31	6 35 56	8♑59'57	8♋18	6♑41	22♏56	26♑43	12♎55	18♍53	26♑ 5	13♋ 2	18♏23	7♉50	6♉25	16♑35	24♋36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21 s45	22n 1	1n50	16 s26	1n36	11 s37	1n15	24 s28	1 s 2	2 s33	1n13	6n27	1n55	21 s45	0 s31	21n57	0 s49	3 s 3	14n33	14n42	14n12	27 s28	13n34	7 s30
M 2	21 54	25 40	3 2	16 55	1 29	11 33	1 25	24 27	1 3	2 36	1 13	6 26	1 55	21 45	0 31	21 57	0 49	3 4	14 33	14 41	14 11	27 28	13 33	7 31
T 3	22 3	27 30	4 2	17 23	1 22	11 31	1 34	24 26	1 3	2 40	1 13	6 25	1 55	21 44	0 31	21 57	0 49	3 4	14 33	14 40	14 10	27 27	13 33	7 31
W 4	22 12	27 19	4 45	17 51	1 15	11 29	1 44	24 24	1 3	2 43	1 13	6 24	1 55	21 44	0 31	21 57	0 49	3 5	14 33	14 39	14 9	27 27	13 33	7 32
T 5	22 20	25 9	5 8	18 19	1 8	11 28	1 52	24 22	1 3	2 47	1 13	6 24	1 56	21 43	0 31	21 57	0 49	3 5	14 33	14 37	14 8	27 27	13 33	7 33
F 6	22 27	21 21	5 10	18 46	1 1	11 29	2 0	24 20	1 3	2 50	1 13	6 23	1 56	21 43	0 31	21 57	0 49	3 6	14 33	14 36	14 7	27 26	13 33	7 33
S 7	22 35	16 23	4 53	19 13	0 53	11 30	2 8	24 17	1 4	2 53	1 14	6 22	1 56	21 42	0 31	21 58	0 49	3 6	14 34	14 35	14 6	27 26	13 33	7 34
S 8	22 41	10 42	4 19	19 39	0 46	11 32	2 16	24 15	1 4	2 56	1 14	6 21	1 56	21 42	0 31	21 58	0 49	3 6	14 34	14 35	14 5	27 26	13 33	7 34
M 9	22 48	4 41	3 32	20 4	0 39	11 35	2 23	24 12	1 4	2 59	1 14	6 21	1 57	21 41	0 31	21 58	0 49	3 7	14 34	14 35	14 4	27 25	13 33	7 35
T 10	22 54	1 s23	2 35	20 29	0 31	11 39	2 30	24 8	1 4	3 2	1 14	6 20	1 57	21 41	0 31	21 58	0 49	3 7	14 34	14 35	14 3	27 25	13 33	7 35
W11	22 59	7 17	1 31	20 52	0 24	11 43	2 36	24 5	1 4	3 5	1 14	6 19	1 57	21 40	0 31	21 58	0 49	3 8	14 34	14 36	14 2	27 24	13 33	7 36
T 12	23 4	12 46	0 24	21 15	0 17	11 48	2 42	24 1	1 5	3 8	1 15	6 19	1 58	21 40	0 31	21 58	0 49	3 8	14 34	14 36	14 1	27 24	13 33	7 36
F 13	23 9	17 40	0 s43	21 37	0 10	11 54	2 48	23 57	1 5	3 11	1 15	6 18	1 58	21 39	0 31	21 58	0 49	3 8	14 35	14 36	13 59	27 24	13 33	7 37
S 14	23 13	21 46	1 47	21 58	0 2	12 1	2 53	23 52	1 5	3 14	1 15	6 18	1 58	21 39	0 31	21 59	0 49	3 9	14 35	14 35	13 58	27 23	13 33	7 37
S 15	23 16	24 54	2 45	22 18	0 s 5	12 8	2 58	23 48	1 5	3 17	1 15	6 18	1 58	21 38	0 31	21 59	0 49	3 9	14 35	14 34	13 57	27 23	13 33	7 38
M16	23 19	26 53	3 35	22 36	0 12	12 15	3 3	23 43	1 5	3 20	1 16	6 17	1 59	21 37	0 31	21 59	0 49	3 9	14 35	14 32	13 56	27 22	13 33	7 38
T 17	23 22	27 38	4 16	22 54	0 18	12 24	3 8	23 37	1 5	3 22	1 16	6 17	1 59	21 37	0 31	21 59	0 49	3 10	14 36	14 29	13 55	27 22	13 33	7 39
W18	23 24	27 5	4 45	23 11	0 25	12 32	3 12	23 32	1 6	3 25	1 16	6 17	1 59	21 36	0 31	21 59	0 49	3 10	14 36	14 26	13 54	27 21	13 33	7 39
T 19	23 26	25 19	5 2	23 27	0 32	12 42	3 16	23 26	1 6	3 28	1 16	6 16	1 59	21 36	0 31	21 59	0 49	3 10	14 36	14 23	13 53	27 21	13 34	7 40
F 20	23 27	22 27	5 6	23 41	0 38	12 51	3 19	23 20	1 6	3 30	1 16	6 16	2 0	21 35	0 31	22 0	0 49	3 10	14 36	14 20	13 52	27 20	13 34	7 40
S 21	23 28	18 37	4 57	23 54	0 44	13 1	3 22	23 14	1 6	3 33	1 17	6 16	2 0	21 34	0 31	22 0	0 49	3 11	14 37	14 17	13 51	27 20	13 34	7 40
S 22	23 28	14 1	4 34	24 6	0 51	13 12	3 25	23 7	1 6	3 35	1 17	6 16	2 0	21 34	0 31	22 0	0 49	3 11	14 37	14 15	13 50	27 19	13 34	7 41
M23	23 28	8 47	3 59	24 17	0 57	13 22	3 28	23 0	1 6	3 37	1 17	6 16	2 1	21 33	0 31	22 0	0 49	3 11	14 37	14 14	13 49	27 19	13 35	7 41
T 24	23 28	3 7	3 12	24 26	1 2	13 33	3 31	22 53	1 6	3 40	1 17	6 16	2 1	21 33	0 31	22 0	0 49	3 11	14 37	14 14	13 48	27 18	13 35	7 42
W25	23 27	2n50	2 14	24 35	1 8	13 45	3 33	22 46	1 6	3 42	1 18	6 16	2 1	21 32	0 31	22 0	0 49	3 12	14 38	14 14	13 47	27 18	13 35	7 42
T 26	23 25	8 51	1 7	24 42	1 13	13 56	3 35	22 38	1 6	3 44	1 18	6 16	2 1	21 31	0 31	22 1	0 49	3 12	14 38	14 14	13 46	27 17	13 35	7 42
F 27	23 23	14 41	0n 6	24 47	1 19	14 8	3 37	22 30	1 6	3 46	1 18	6 16	2 2	21 31	0 31	22 1	0 49	3 12	14 38	14 15	13 45	27 17	13 36	7 43
S 28	23 20	19 57	1 21	24 51	1 24	14 20	3 38	22 22	1 6	3 48	1 18	6 16	2 2	21 30	0 31	22 1	0 49	3 12	14 39	14 14	13 44	27 16	13 36	7 43
S 29	23 17	24 11	2 32	24 54	1 29	14 33	3 40	22 14	1 6	3 50	1 19	6 16	2 2	21 29	0 31	22 1	0 49	3 12	14 39	14 13	13 43	27 16	13 37	7 43
M30	23 14	26 53	3 36	24 56	1 33	14 45	3 41	22 5	1 7	3 52	1 19	6 17	2 2	21 29	0 31	22 1	0 49	3 12	14 39	14 11	13 42	27 15	13 37	7 43
T 31	23 s10	27n37	4n24	24 s56	1 s37	14 s57	3n42	21 s56	1 s 7	3 s54	1n19	6n17	2n 3	21 s28	0 s31	22n 1	0 s49	3 s13	14n40	14n 9	13n41	27 s15	13n37	7 s44

Julian Day Number = 2358011.5, Delta T = 14.28 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'55, Lahiri = 20°16'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

JANUARY 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 39 52	10♑ 1'06	23♋40	8♑17	23♏50	27♑30	13♎ 1	18°R53	26♑ 8	13°R 0	18♏25	7°R41	6♉22	16♑42	24°R31	W 1
T 2	6 43 49	11° 2'15	8♌54	9°54	24°45	28°17	13° 6	18♍53	26°12	12♋58	18°26	7♉31	6°19	16°49	24♋27	T 2
F 3	6 47 45	12° 3'23	23°51	11°31	25°41	29° 4	13°10	18°53	26°15	12°57	18°28	7°22	6°16	16°56	24°23	F 3
S 4	6 51 42	13° 4'32	8♍23	13° 8	26°37	29°51	13°15	18°52	26°19	12°55	18°30	7°15	6°12	17° 2	24°19	S 4
S 5	6 55 39	14° 5'41	22°26	14°46	27°33	0♒38	13°20	18°51	26°22	12°53	18°31	7°10	6° 9	17° 9	24°14	S 5
M 6	6 59 35	15° 6'50	6♎ 0	16°24	28°30	1°25	13°24	18°51	26°26	12°51	18°33	7° 8	6° 6	17°16	24°10	M 6
T 7	7 3 32	16° 7'59	19° 7	18° 3	29°28	2°13	13°28	18°50	26°29	12°50	18°34	7°D 8	6° 3	17°22	24° 6	T 7
W 8	7 7 28	17° 9'08	1♏50	19°42	0♐26	3° 0	13°32	18°49	26°33	12°48	18°36	7°R 8	6° 0	17°29	24° 1	W 8
T 9	7 11 25	18°10'17	14°15	21°22	1°25	3°47	13°36	18°48	26°36	12°46	18°37	7° 8	5°56	17°36	23°57	T 9
F 10	7 15 21	19°11'26	26°25	23° 2	2°24	4°34	13°40	18°47	26°40	12°45	18°39	7° 6	5°53	17°43	23°53	F 10
S 11	7 19 18	20°12'35	8♐27	24°42	3°24	5°22	13°43	18°45	26°43	12°43	18°40	7° 2	5°50	17°49	23°48	S 11
S 12	7 23 14	21°13'43	20°22	26°23	4°24	6° 9	13°46	18°44	26°47	12°41	18°42	6°55	5°47	17°56	23°44	S 12
M13	7 27 11	22°14'51	2♑14	28° 4	5°24	6°56	13°49	18°42	26°50	12°40	18°43	6°45	5°44	18° 3	23°39	M13
T 14	7 31 8	23°15'59	14° 5	29°46	6°25	7°44	13°52	18°41	26°54	12°38	18°44	6°32	5°41	18° 9	23°35	T 14
W15	7 35 4	24°17'07	25°57	1♒28	7°26	8°31	13°55	18°39	26°57	12°36	18°46	6°17	5°37	18°16	23°30	W15
T 16	7 39 1	25°18'13	7♒50	3°10	8°28	9°19	13°58	18°37	27° 1	12°35	18°47	6° 2	5°34	18°23	23°26	T 16
F 17	7 42 57	26°19'19	19°47	4°53	9°30	10° 6	14° 0	18°35	27° 4	12°33	18°48	5°48	5°31	18°30	23°21	F 17
S 18	7 46 54	27°20'24	1♓49	6°35	10°32	10°53	14° 2	18°33	27° 8	12°31	18°49	5°36	5°28	18°36	23°17	S 18
S 19	7 50 50	28°21'29	13°57	8°18	11°35	11°41	14° 4	18°31	27°11	12°30	18°51	5°26	5°25	18°43	23°13	S 19
M20	7 54 47	29°22'32	26°14	10° 1	12°38	12°28	14° 6	18°29	27°15	12°28	18°52	5°19	5°22	18°50	23° 8	M20
T 21	7 58 43	0♒23'34	8♈44	11°44	13°41	13°16	14° 8	18°27	27°18	12°27	18°53	5°16	5°18	18°56	23° 4	T 21
W22	8 2 40	1°24'35	21°29	13°26	14°45	14° 3	14° 9	18°24	27°22	12°25	18°54	5°14	5°15	19° 3	22°59	W22
T 23	8 6 37	2°25'36	4♉34	15° 8	15°49	14°50	14°10	18°22	27°25	12°23	18°55	5°14	5°12	19°10	22°55	T 23
F 24	8 10 33	3°26'35	18° 4	16°49	16°53	15°38	14°11	18°19	27°29	12°22	18°56	5°14	5° 9	19°17	22°51	F 24
S 25	8 14 30	4°27'33	1♊59	18°30	17°58	16°25	14°12	18°17	27°32	12°20	18°57	5°12	5° 6	19°23	22°46	S 25
S 26	8 18 26	5°28'29	16°22	20° 9	19° 2	17°13	14°13	18°14	27°36	12°19	18°58	5° 8	5° 2	19°30	22°42	S 26
M27	8 22 23	6°29'25	1♋10	21°46	20° 7	18° 0	14°14	18°11	27°39	12°17	18°59	5° 1	4°59	19°37	22°38	M27
T 28	8 26 19	7°30'19	16°18	23°22	21°13	18°48	14°14	18° 8	27°43	12°16	19° 0	4°52	4°56	19°44	22°34	T 28
W29	8 30 16	8°31'12	1♌36	24°55	22°18	19°35	14°R14	18° 5	27°46	12°14	19° 1	4°41	4°53	19°50	22°29	W29
T 30	8 34 13	9°32'04	16°53	26°25	23°24	20°23	14°14	18° 2	27°50	12°13	19° 1	4°29	4°50	19°57	22°25	T 30
F 31	8 38 9	10♒32'55	1♍58	27♒51	24♐30	21♒10	14♎14	17♍59	27♑53	12♋11	19♏ 2	4♉18	4♉47	20♑ 4	22♋21	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 6	26n14	4n54	24s54	1s41	15s10	3n42	21s47	1s 7	3s56	1n19	6n17	2n 3	21s27	0s31	22n 2	0s49	3s13	14n40	14n 5	13n40	27s14	13n38	7s44
T 2	23 1	22 56	5 3	24 51	1 45	15 23	3 43	21 37	1 7	3 57	1 20	6 18	2 3	21 27	0 31	22 2	0 49	3 13	14 40	14 2	13 39	27 14	13 38	7 44
F 3	22 56	18 9	4 51	24 47	1 49	15 35	3 43	21 28	1 7	3 59	1 20	6 18	2 4	21 26	0 31	22 2	0 49	3 13	14 41	13 59	13 38	27 13	13 39	7 44
S 4	22 50	12 27	4 20	24 41	1 52	15 48	3 43	21 18	1 7	4 1	1 20	6 19	2 4	21 26	0 31	22 2	0 49	3 13	14 41	13 57	13 37	27 12	13 39	7 45
S 5	22 44	6 17	3 34	24 34	1 55	16 1	3 43	21 8	1 7	4 2	1 20	6 19	2 4	21 25	0 31	22 2	0 49	3 13	14 41	13 56	13 35	27 12	13 40	7 45
M 6	22 37	0 1	2 38	24 25	1 58	16 14	3 43	20 57	1 7	4 4	1 21	6 20	2 4	21 24	0 31	22 2	0 49	3 13	14 42	13 55	13 34	27 11	13 41	7 45
T 7	22 30	6s 2	1 34	24 14	2 0	16 27	3 43	20 47	1 7	4 5	1 21	6 20	2 5	21 24	0 31	22 3	0 49	3 13	14 42	13 55	13 33	27 11	13 41	7 45
W 8	22 22	11 41	0 28	24 2	2 2	16 39	3 42	20 36	1 7	4 6	1 21	6 21	2 5	21 23	0 31	22 3	0 49	3 13	14 42	13 55	13 32	27 10	13 42	7 45
T 9	22 14	16 44	0s38	23 49	2 4	16 52	3 41	20 25	1 7	4 8	1 21	6 22	2 5	21 22	0 31	22 3	0 49	3 13	14 43	13 55	13 31	27 9	13 42	7 45
F 10	22 6	21 1	1 40	23 33	2 5	17 4	3 40	20 13	1 7	4 9	1 22	6 22	2 5	21 22	0 31	22 3	0 49	3 13	14 43	13 54	13 30	27 9	13 43	7 46
S 11	21 57	24 20	2 38	23 17	2 6	17 17	3 39	20 2	1 7	4 10	1 22	6 23	2 6	21 21	0 31	22 3	0 49	3 13	14 43	13 53	13 29	27 8	13 44	7 46
S 12	21 48	26 34	3 27	22 58	2 6	17 29	3 38	19 50	1 7	4 11	1 22	6 24	2 6	21 20	0 31	22 4	0 49	3 13	14 44	13 51	13 28	27 8	13 44	7 46
M13	21 38	27 35	4 8	22 38	2 6	17 41	3 37	19 38	1 6	4 12	1 22	6 25	2 6	21 20	0 31	22 4	0 49	3 13	14 44	13 47	13 27	27 7	13 45	7 46
T 14	21 28	27 19	4 37	22 16	2 5	17 53	3 35	19 26	1 6	4 13	1 23	6 25	2 7	21 19	0 31	22 4	0 49	3 13	14 45	13 43	13 26	27 6	13 46	7 46
W15	21 17	25 49	4 55	21 53	2 5	18 4	3 34	19 14	1 6	4 14	1 23	6 26	2 7	21 18	0 31	22 4	0 49	3 13	14 45	13 38	13 25	27 6	13 46	7 46
T 16	21 6	23 9	4 59	21 28	2 3	18 16	3 32	19 1	1 6	4 14	1 23	6 27	2 7	21 18	0 31	22 4	0 49	3 13	14 45	13 33	13 24	27 5	13 47	7 46
F 17	20 55	19 30	4 51	21 2	2 1	18 27	3 30	18 48	1 6	4 15	1 23	6 28	2 7	21 17	0 31	22 4	0 49	3 13	14 46	13 28	13 23	27 4	13 48	7 46
S 18	20 43	15 2	4 29	20 34	1 59	18 38	3 28	18 35	1 6	4 16	1 24	6 29	2 8	21 16	0 31	22 5	0 49	3 13	14 46	13 24	13 22	27 3	13 48	7 46
S 19	20 31	9 56	3 55	20 4	1 55	18 49	3 26	18 22	1 6	4 16	1 24	6 30	2 8	21 15	0 31	22 5	0 49	3 13	14 47	13 21	13 21	27 3	13 49	7 46
M20	20 19	4 24	3 10	19 33	1 52	18 59	3 23	18 9	1 6	4 17	1 24	6 31	2 8	21 15	0 31	22 5	0 49	3 13	14 47	13 19	13 20	27 2	13 50	7 46
T 21	20 6	1n24	2 15	19 1	1 47	19 9	3 21	17 55	1 6	4 17	1 24	6 33	2 8	21 14	0 31	22 5	0 49	3 13	14 47	13 18	13 19	27 1	13 51	7 46
W22	19 53	7 17	1 12	18 27	1 42	19 19	3 19	17 41	1 6	4 17	1 25	6 34	2 9	21 13	0 31	22 5	0 49	3 12	14 48	13 17	13 18	27 1	13 51	7 46
T 23	19 39	13 1	0 3	17 52	1 37	19 28	3 16	17 27	1 6	4 18	1 25	6 35	2 9	21 13	0 31	22 5	0 49	3 12	14 48	13 17	13 16	27 0	13 52	7 45
F 24	19 25	18 19	1n 7	17 15	1 30	19 37	3 13	17 13	1 5	4 18	1 25	6 36	2 9	21 12	0 31	22 6	0 49	3 12	14 49	13 17	13 15	26 59	13 53	7 45
S 25	19 10	22 49	2 16	16 38	1 23	19 46	3 11	16 59	1 5	4 18	1 25	6 37	2 9	21 11	0 31	22 6	0 49	3 12	14 49	13 17	13 14	26 58	13 54	7 45
S 26	18 56	26 4	3 19	15 59	1 15	19 54	3 8	16 44	1 5	4 18	1 26	6 39	2 10	21 11	0 31	22 6	0 49	3 12	14 50	13 15	13 13	26 58	13 55	7 45
M27	18 41	27 38	4 10	15 19	1 7	20 2	3 5	16 29	1 5	4 18	1 26	6 40	2 10	21 10	0 31	22 6	0 48	3 12	14 50	13 13	13 12	26 57	13 56	7 45
T 28	18 25	27 11	4 44	14 39	0 57	20 10	3 2	16 14	1 5	4 18	1 26	6 42	2 10	21 9	0 31	22 6	0 48	3 11	14 50	13 10	13 11	26 56	13 56	7 45
W29	18 10	24 42	4 59	13 59	0 47	20 17	2 59	15 59	1 5	4 17	1 27	6 43	2 10	21 9	0 31	22 6	0 48	3 11	14 51	13 6	13 10	26 55	13 57	7 45
T 30	17 53	20 27	4 53	13 18	0 36	20 23	2 55	15 44	1 5	4 17	1 27	6 44	2 10	21 8	0 31	22 7	0 48	3 11	14 51	13 2	13 9	26 54	13 58	7 44
F 31	17s37	14n56	4n26	12s37	0s24	20s30	2n52	15s29	1s 4	4s17	1n27	6n46	2n11	21s 7	0s31	22n 7	0s48	3s11	14n52	12n58	13n 8	26s54	13n59	7s44

Julian Day Number = 2358042.5, Delta T = 14.30 sec
Ecliptic obliquity = 23°28'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°09'59, Lahiri = 20°16'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

FEBRUARY 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 6	11♒33'45	16♍40	29♒14	25♐36	21♒58	14°R13	17°R55	27♑57	12°R10	19♏ 3	4°R 9	4♉43	20♑10	22°R17	S 1
S 2	8 46 2	12°34'34	0♎55	0♓31	26°42	22°45	14♎13	17♍52	28° 0	12♋ 8	19° 4	4♉ 3	4°40	20°17	22♋13	S 2
M 3	8 49 59	13°35'22	14°39	1°43	27°49	23°33	14°12	17°48	28° 4	12° 7	19° 4	4° 0	4°37	20°24	22° 9	M 3
T 4	8 53 55	14°36'08	27°53	2°49	28°56	24°20	14°11	17°45	28° 7	12° 6	19° 5	3°59	4°34	20°31	22° 5	T 4
W 5	8 57 52	15°36'54	10♏42	3°48	0♑ 3	25° 7	14°10	17°41	28°11	12° 4	19° 5	3°59	4°31	20°37	22° 1	W 5
T 6	9 1 48	16°37'39	23° 8	4°39	1°10	25°55	14° 8	17°38	28°14	12° 3	19° 6	3°58	4°28	20°44	21°57	T 6
F 7	9 5 45	17°38'23	5♐19	5°21	2°17	26°42	14° 7	17°34	28°17	12° 2	19° 6	3°57	4°24	20°51	21°53	F 7
S 8	9 9 42	18°39'06	17°18	5°54	3°25	27°30	14° 5	17°30	28°21	12° 0	19° 7	3°54	4°21	20°57	21°49	S 8
S 9	9 13 38	19°39'48	29°10	6°17	4°32	28°17	14° 3	17°26	28°24	11°59	19° 7	3°47	4°18	21° 4	21°46	S 9
M10	9 17 35	20°40'29	11♑ 0	6°31	5°40	29° 5	14° 1	17°22	28°27	11°58	19° 8	3°38	4°15	21°11	21°42	M10
T 11	9 21 31	21°41'08	22°51	6°R33	6°48	29°52	13°58	17°18	28°31	11°56	19° 8	3°27	4°12	21°18	21°38	T 11
W12	9 25 28	22°41'46	4♒44	6°25	7°56	0♓40	13°56	17°14	28°34	11°55	19° 9	3°13	4° 8	21°24	21°35	W12
T 13	9 29 24	23°42'22	16°43	6° 7	9° 5	1°27	13°53	17°10	28°37	11°54	19° 9	3° 0	4° 5	21°31	21°31	T 13
F 14	9 33 21	24°42'57	28°48	5°39	10°13	2°14	13°50	17° 6	28°41	11°53	19° 9	2°46	4° 2	21°38	21°28	F 14
S 15	9 37 17	25°43'31	11♓ 0	5° 1	11°22	3° 2	13°47	17° 2	28°44	11°52	19° 9	2°35	3°59	21°44	21°25	S 15
S 16	9 41 14	26°44'03	23°20	4°15	12°30	3°49	13°44	16°57	28°47	11°51	19°10	2°26	3°56	21°51	21°21	S 16
M17	9 45 11	27°44'33	5♈50	3°22	13°39	4°37	13°41	16°53	28°50	11°50	19°10	2°20	3°53	21°58	21°18	M17
T 18	9 49 7	28°45'01	18°30	2°24	14°48	5°24	13°37	16°49	28°53	11°49	19°10	2°17	3°49	22° 5	21°15	T 18
W19	9 53 4	29°45'27	1♉23	1°21	15°57	6°11	13°33	16°44	28°57	11°47	19°10	2°D16	3°46	22°11	21°12	W19
T 20	9 57 0	0♓45'52	14°31	0°16	17° 6	6°59	13°29	16°40	29° 0	11°46	19°10	2°16	3°43	22°18	21° 9	T 20
F 21	10 0 57	1°46'15	27°58	29♒10	18°15	7°46	13°25	16°35	29° 3	11°45	19°R10	2°R17	3°40	22°25	21° 6	F 21
S 22	10 4 53	2°46'35	11♊44	28° 5	19°25	8°33	13°21	16°31	29° 6	11°45	19°10	2°16	3°37	22°32	21° 3	S 22
S 23	10 8 50	3°46'54	25°53	27° 2	20°34	9°20	13°16	16°26	29° 9	11°44	19°10	2°14	3°34	22°38	21° 1	S 23
M24	10 12 46	4°47'11	10♋22	26° 3	21°44	10° 8	13°12	16°21	29°12	11°43	19°10	2°10	3°30	22°45	20°58	M24
T 25	10 16 43	5°47'26	25° 8	25° 9	22°54	10°55	13° 7	16°17	29°15	11°42	19°10	2° 3	3°27	22°52	20°55	T 25
W26	10 20 40	6°47'38	10♌ 4	24°20	24° 3	11°42	13° 2	16°12	29°18	11°41	19°10	1°55	3°24	22°58	20°53	W26
T 27	10 24 36	7°47'49	25° 4	23°38	25°13	12°29	12°57	16° 8	29°21	11°40	19° 9	1°46	3°21	23° 5	20°51	T 27
F 28	10 28 33	8°47'58	9♍56	23° 2	26°23	13°16	12°52	16° 3	29°24	11°39	19° 9	1°38	3°18	23°12	20°48	F 28
S 29	10 32 29	9♓48'04	24♍32	22♒33	27♑33	14♓ 4	12♎47	15♍58	29♑27	11♋39	19♏ 9	1♉32	3♉14	23♑19	20♋46	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s20	8n40	3n42	11s56	0s11	20s35	2n49	15s13	1s 4	4s16	1n27	6n47	2n11	21s 7	0s31	22n 7	0s48	3s10	14n52	12n55	13n 7	26s53	14n 0	7s44
S 2	17 3	2 10	2 45	11 16	0n 2	20 41	2 45	14 58	1 4	4 16	1 28	6 49	2 11	21 6	0 31	22 7	0 48	3 10	14 53	12 53	13 6	26 52	14 1	7 44
M 3	16 46	4s14	1 40	10 37	0 16	20 46	2 42	14 42	1 4	4 15	1 28	6 50	2 11	21 5	0 31	22 7	0 48	3 10	14 53	12 52	13 5	26 51	14 2	7 43
T 4	16 29	10 14	0 32	10 0	0 31	20 50	2 38	14 26	1 4	4 15	1 28	6 52	2 11	21 5	0 31	22 7	0 48	3 10	14 54	12 52	13 4	26 50	14 2	7 43
W 5	16 11	15 37	0s36	9 24	0 47	20 54	2 35	14 10	1 3	4 14	1 28	6 54	2 12	21 4	0 31	22 7	0 48	3 9	14 54	12 52	13 3	26 50	14 3	7 43
T 6	15 53	20 11	1 40	8 51	1 3	20 57	2 31	13 53	1 3	4 13	1 29	6 55	2 12	21 3	0 31	22 8	0 48	3 9	14 54	12 52	13 2	26 49	14 4	7 42
F 7	15 34	23 48	2 38	8 21	1 19	21 0	2 27	13 37	1 3	4 12	1 29	6 57	2 12	21 3	0 31	22 8	0 48	3 9	14 55	12 51	13 0	26 48	14 5	7 42
S 8	15 15	26 19	3 28	7 53	1 35	21 2	2 24	13 20	1 3	4 12	1 29	6 58	2 12	21 2	0 31	22 8	0 48	3 8	14 55	12 50	12 59	26 47	14 6	7 42
S 9	14 57	27 37	4 8	7 29	1 52	21 4	2 20	13 4	1 3	4 11	1 29	7 0	2 12	21 1	0 31	22 8	0 48	3 8	14 56	12 48	12 58	26 46	14 7	7 41
M10	14 37	27 38	4 38	7 9	2 8	21 5	2 16	12 47	1 2	4 9	1 30	7 2	2 13	21 1	0 31	22 8	0 48	3 8	14 56	12 45	12 57	26 45	14 8	7 41
T 11	14 18	26 24	4 56	6 54	2 24	21 6	2 12	12 30	1 2	4 8	1 30	7 4	2 13	21 0	0 31	22 8	0 48	3 7	14 57	12 41	12 56	26 44	14 9	7 41
W12	13 58	23 58	5 1	6 43	2 39	21 6	2 8	12 13	1 2	4 7	1 30	7 5	2 13	20 59	0 31	22 8	0 48	3 7	14 57	12 36	12 55	26 43	14 10	7 40
T 13	13 38	20 29	4 52	6 36	2 53	21 6	2 4	11 56	1 2	4 6	1 30	7 7	2 13	20 59	0 31	22 9	0 48	3 7	14 58	12 32	12 54	26 43	14 11	7 40
F 14	13 18	16 8	4 31	6 35	3 6	21 5	2 0	11 39	1 1	4 5	1 31	7 9	2 13	20 58	0 31	22 9	0 48	3 6	14 58	12 27	12 53	26 42	14 12	7 39
S 15	12 58	11 6	3 57	6 38	3 17	21 4	1 56	11 21	1 1	4 3	1 31	7 11	2 13	20 57	0 31	22 9	0 48	3 6	14 59	12 23	12 52	26 41	14 13	7 39
S 16	12 37	5 34	3 11	6 45	3 27	21 2	1 52	11 4	1 1	4 2	1 31	7 13	2 14	20 57	0 31	22 9	0 48	3 6	14 59	12 20	12 51	26 40	14 13	7 39
M17	12 17	0n14	2 16	6 57	3 34	20 59	1 48	10 46	1 0	4 0	1 31	7 14	2 14	20 56	0 31	22 9	0 48	3 5	14 59	12 18	12 50	26 39	14 14	7 38
T 18	11 56	6 8	1 13	7 13	3 40	20 56	1 44	10 29	1 0	3 59	1 32	7 16	2 14	20 55	0 31	22 9	0 48	3 5	15 0	12 17	12 49	26 38	14 15	7 38
W19	11 34	11 54	0 5	7 32	3 43	20 52	1 40	10 11	1 0	3 57	1 32	7 18	2 14	20 55	0 31	22 9	0 48	3 4	15 0	12 17	12 48	26 37	14 16	7 37
T 20	11 13	17 15	1n 5	7 54	3 44	20 48	1 36	9 53	0 59	3 55	1 32	7 20	2 14	20 54	0 31	22 9	0 48	3 4	15 1	12 17	12 46	26 36	14 17	7 37
F 21	10 52	21 53	2 13	8 18	3 43	20 43	1 32	9 35	0 59	3 53	1 32	7 22	2 14	20 53	0 31	22 10	0 48	3 4	15 1	12 17	12 45	26 35	14 18	7 36
S 22	10 30	25 26	3 14	8 43	3 40	20 37	1 28	9 17	0 59	3 51	1 32	7 24	2 14	20 53	0 31	22 10	0 48	3 3	15 2	12 17	12 44	26 34	14 19	7 36
S 23	10 8	27 31	4 6	9 9	3 34	20 31	1 23	8 59	0 59	3 50	1 33	7 26	2 15	20 52	0 31	22 10	0 48	3 3	15 2	12 16	12 43	26 33	14 20	7 35
M24	9 46	27 47	4 43	9 36	3 27	20 25	1 19	8 41	0 58	3 48	1 33	7 28	2 15	20 52	0 31	22 10	0 48	3 2	15 3	12 15	12 42	26 32	14 21	7 35
T 25	9 24	26 6	5 3	10 3	3 18	20 18	1 15	8 23	0 58	3 46	1 33	7 29	2 15	20 51	0 31	22 10	0 48	3 2	15 3	12 12	12 41	26 31	14 22	7 34
W26	9 2	22 35	5 2	10 28	3 8	20 10	1 11	8 4	0 58	3 43	1 33	7 31	2 15	20 50	0 31	22 10	0 48	3 1	15 4	12 9	12 40	26 30	14 23	7 33
T 27	8 39	17 35	4 40	10 53	2 57	20 2	1 7	7 46	0 57	3 41	1 33	7 33	2 15	20 50	0 31	22 10	0 48	3 1	15 4	12 6	12 39	26 29	14 24	7 33
F 28	8 17	11 33	4 0	11 16	2 44	19 53	1 3	7 27	0 57	3 39	1 34	7 35	2 15	20 49	0 31	22 10	0 48	3 0	15 4	12 4	12 38	26 28	14 24	7 32
S 29	7s54	5n 0	3n 4	11s38	2n31	19s43	0n59	7s 9	0s56	3s37	1n34	7n37	2n15	20s49	0s32	22n10	0s48	3s 0	15n 5	12n 1	12n37	26s27	14n25	7s32

Julian Day Number = 2358073.5, Delta T = 14.33 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'03, Lahiri = 20°17'04Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

MARCH 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 26	10♓48'09	8♎47	22°R11	28♑43	14♓51	12°R41	15°R53	29♑30	11°R38	19°R 9	1°R27	3♉11	23♑25	20°R44	S 1
M 2	10 40 22	11°48'13	22°34	21♒56	29°53	15°38	12♎36	15♍49	29°33	11♋37	19♏ 8	1♉25	3° 8	23°32	20♋42	M 2
T 3	10 44 19	12°48'15	5♏55	21°48	1♒ 4	16°25	12°30	15°44	29°35	11°37	19° 8	1°D24	3° 5	23°39	20°40	T 3
W 4	10 48 15	13°48'15	18°50	21°D46	2°14	17°12	12°24	15°39	29°38	11°36	19° 7	1°25	3° 2	23°45	20°38	W 4
T 5	10 52 12	14°48'13	1♐22	21°50	3°25	17°59	12°18	15°34	29°41	11°35	19° 7	1°27	2°59	23°52	20°36	T 5
F 6	10 56 8	15°48'10	13°37	22° 1	4°35	18°46	12°12	15°30	29°44	11°35	19° 7	1°R28	2°55	23°59	20°35	F 6
S 7	11 0 5	16°48'05	25°39	22°17	5°46	19°33	12° 5	15°25	29°46	11°34	19° 6	1°27	2°52	24° 6	20°33	S 7
S 8	11 4 2	17°47'59	7♑33	22°38	6°56	20°20	11°59	15°20	29°49	11°34	19° 5	1°25	2°49	24°12	20°31	S 8
M 9	11 7 58	18°47'51	19°24	23° 5	8° 7	21° 7	11°52	15°15	29°52	11°33	19° 5	1°21	2°46	24°19	20°30	M 9
T 10	11 11 55	19°47'41	1♒16	23°36	9°18	21°54	11°46	15°11	29°54	11°33	19° 4	1°15	2°43	24°26	20°29	T 10
W11	11 15 51	20°47'29	13°13	24°12	10°29	22°40	11°39	15° 6	29°57	11°33	19° 4	1° 8	2°40	24°33	20°28	W11
T 12	11 19 48	21°47'16	25°17	24°51	11°40	23°27	11°32	15° 1	29°59	11°32	19° 3	1° 0	2°36	24°39	20°26	T 12
F 13	11 23 44	22°47'00	7♓31	25°35	12°51	24°14	11°25	14°56	0♒ 2	11°32	19° 2	0°53	2°33	24°46	20°25	F 13
S 14	11 27 41	23°46'43	19°55	26°22	14° 2	25° 1	11°18	14°52	0° 4	11°32	19° 2	0°47	2°30	24°53	20°25	S 14
S 15	11 31 37	24°46'23	2♈31	27°12	15°13	25°48	11°11	14°47	0° 7	11°31	19° 1	0°42	2°27	24°59	20°24	S 15
M16	11 35 34	25°46'02	15°19	28° 6	16°24	26°34	11° 4	14°42	0° 9	11°31	19° 0	0°39	2°24	25° 6	20°23	M16
T 17	11 39 31	26°45'38	28°19	29° 3	17°35	27°21	10°57	14°38	0°11	11°31	18°59	0°D38	2°20	25°13	20°22	T 17
W18	11 43 27	27°45'12	11♉30	0♓ 2	18°46	28° 8	10°50	14°33	0°14	11°31	18°58	0°38	2°17	25°20	20°22	W18
T 19	11 47 24	28°44'44	24°55	1° 4	19°58	28°54	10°42	14°29	0°16	11°31	18°57	0°40	2°14	25°26	20°21	T 19
F 20	11 51 20	29°44'14	8♊32	2° 9	21° 9	29°41	10°35	14°24	0°18	11°31	18°57	0°41	2°11	25°33	20°21	F 20
S 21	11 55 17	0♈43'42	22°22	3°16	22°20	0♈27	10°27	14°19	0°20	11°30	18°56	0°42	2° 8	25°40	20°21	S 21
S 22	11 59 13	1°43'07	6♋26	4°25	23°32	1°14	10°20	14°15	0°22	11°D30	18°55	0°R43	2° 5	25°46	20°21	S 22
M23	12 3 10	2°42'30	20°41	5°37	24°43	2° 0	10°12	14°11	0°24	11°30	18°54	0°41	2° 1	25°53	20°D21	M23
T 24	12 7 6	3°41'50	5♌ 6	6°50	25°55	2°47	10° 5	14° 6	0°26	11°30	18°53	0°39	1°58	26° 0	20°21	T 24
W25	12 11 3	4°41'08	19°36	8° 6	27° 6	3°33	9°57	14° 2	0°28	11°31	18°52	0°36	1°55	26° 7	20°21	W25
T 26	12 15 0	5°40'24	4♍ 8	9°23	28°18	4°19	9°49	13°58	0°30	11°31	18°51	0°32	1°52	26°13	20°21	T 26
F 27	12 18 56	6°39'37	18°33	10°42	29°29	5° 6	9°42	13°53	0°32	11°31	18°49	0°29	1°49	26°20	20°22	F 27
S 28	12 22 53	7°38'49	2♎48	12° 3	0♓41	5°52	9°34	13°49	0°34	11°31	18°48	0°26	1°45	26°27	20°22	S 28
S 29	12 26 49	8°37'58	16°46	13°26	1°53	6°38	9°26	13°45	0°36	11°31	18°47	0°25	1°42	26°34	20°23	S 29
M30	12 30 46	9°37'05	0♏25	14°51	3° 4	7°24	9°18	13°41	0°38	11°31	18°46	0°D24	1°39	26°40	20°24	M30
T 31	12 34 42	10♈36'10	13♏41	16♓17	4♓16	8♈10	9♎11	13♍37	0♒39	11♋32	18♏45	0♉24	1♉36	26♑47	20♋24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s32	1s40	1n59	11s58	2n18	19s33	0n55	6s50	0s56	3s35	1n34	7n39	2n15	20s48	0s32	22n11	0s48	2s59	15n 5	12n 0	12n36	26s26	14n26	7s31
M 2	7 9	8 4	0 47	12 16	2 4	19 23	0 51	6 32	0 56	3 32	1 34	7 41	2 15	20 47	0 32	22 11	0 47	2 59	15 6	11 59	12 35	26 25	14 27	7 31
T 3	6 46	13 54	0s24	12 32	1 50	19 12	0 46	6 13	0 55	3 30	1 34	7 43	2 15	20 47	0 32	22 11	0 47	2 58	15 6	11 59	12 34	26 24	14 28	7 30
W 4	6 23	18 56	1 33	12 45	1 36	19 0	0 42	5 54	0 55	3 27	1 35	7 45	2 16	20 46	0 32	22 11	0 47	2 58	15 7	11 59	12 32	26 23	14 29	7 29
T 5	6 0	22 59	2 34	12 57	1 22	18 48	0 38	5 36	0 55	3 25	1 35	7 47	2 16	20 46	0 32	22 11	0 47	2 57	15 7	12 0	12 31	26 22	14 30	7 29
F 6	5 36	25 54	3 28	13 7	1 8	18 35	0 34	5 17	0 54	3 22	1 35	7 49	2 16	20 45	0 32	22 11	0 47	2 57	15 7	12 0	12 30	26 21	14 31	7 28
S 7	5 13	27 35	4 11	13 15	0 55	18 22	0 30	4 58	0 54	3 20	1 35	7 51	2 16	20 45	0 32	22 11	0 47	2 56	15 8	12 0	12 29	26 20	14 31	7 28
S 8	4 50	27 58	4 43	13 20	0 41	18 8	0 27	4 39	0 53	3 17	1 35	7 52	2 16	20 44	0 32	22 11	0 47	2 56	15 8	11 59	12 28	26 19	14 32	7 27
M 9	4 26	27 3	5 2	13 24	0 28	17 54	0 23	4 20	0 53	3 14	1 35	7 54	2 16	20 44	0 32	22 11	0 47	2 55	15 9	11 58	12 27	26 18	14 33	7 26
T 10	4 3	24 55	5 9	13 25	0 16	17 39	0 19	4 2	0 53	3 12	1 35	7 56	2 16	20 43	0 32	22 11	0 47	2 55	15 9	11 56	12 26	26 16	14 34	7 26
W11	3 39	21 42	5 2	13 25	0 4	17 24	0 15	3 43	0 52	3 9	1 36	7 58	2 16	20 43	0 32	22 11	0 47	2 54	15 9	11 53	12 25	26 15	14 35	7 25
T 12	3 16	17 32	4 42	13 23	0s 8	17 8	0 11	3 24	0 52	3 6	1 36	8 0	2 16	20 42	0 32	22 11	0 47	2 54	15 10	11 50	12 24	26 14	14 36	7 24
F 13	2 52	12 36	4 9	13 19	0 19	16 52	0 7	3 5	0 51	3 3	1 36	8 2	2 16	20 42	0 32	22 11	0 47	2 53	15 10	11 48	12 23	26 13	14 36	7 24
S 14	2 28	7 6	3 23	13 13	0 30	16 35	0 4	2 46	0 51	3 1	1 36	8 4	2 16	20 41	0 32	22 12	0 47	2 52	15 11	11 46	12 22	26 12	14 37	7 23
S 15	2 5	1 15	2 27	13 6	0 41	16 18	0s 0	2 27	0 50	2 58	1 36	8 6	2 16	20 41	0 32	22 12	0 47	2 52	15 11	11 44	12 20	26 11	14 38	7 22
M16	1 41	4n46	1 23	12 57	0 51	16 0	0 4	2 8	0 50	2 55	1 36	8 7	2 16	20 40	0 32	22 12	0 47	2 51	15 11	11 43	12 19	26 10	14 39	7 22
T 17	1 17	10 42	0 13	12 46	1 0	15 42	0 7	1 49	0 49	2 52	1 36	8 9	2 16	20 40	0 32	22 12	0 47	2 51	15 12	11 43	12 18	26 9	14 39	7 21
W18	0 54	16 15	0n59	12 33	1 9	15 23	0 11	1 30	0 49	2 49	1 36	8 11	2 16	20 39	0 32	22 12	0 47	2 50	15 12	11 43	12 17	26 7	14 40	7 20
T 19	0 30	21 6	2 9	12 19	1 18	15 4	0 14	1 11	0 49	2 46	1 36	8 13	2 16	20 39	0 32	22 12	0 47	2 50	15 12	11 43	12 16	26 6	14 41	7 20
F 20	0 6	24 55	3 12	12 4	1 26	14 45	0 18	0 52	0 48	2 43	1 36	8 14	2 16	20 38	0 32	22 12	0 47	2 49	15 13	11 44	12 15	26 5	14 42	7 19
S 21	0n17	27 21	4 6	11 46	1 33	14 25	0 21	0 33	0 48	2 40	1 36	8 16	2 16	20 38	0 32	22 12	0 47	2 49	15 13	11 44	12 14	26 4	14 42	7 18
S 22	0 41	28 4	4 46	11 28	1 40	14 5	0 24	0 14	0 47	2 37	1 37	8 18	2 16	20 37	0 32	22 12	0 47	2 48	15 13	11 44	12 13	26 3	14 43	7 17
M23	1 5	26 57	5 8	11 8	1 47	13 44	0 28	0n 5	0 47	2 34	1 37	8 20	2 16	20 37	0 32	22 12	0 47	2 47	15 14	11 44	12 12	26 1	14 44	7 17
T 24	1 28	24 4	5 12	10 46	1 53	13 23	0 31	0 24	0 46	2 31	1 37	8 21	2 16	20 37	0 32	22 12	0 47	2 47	15 14	11 43	12 11	26 0	14 44	7 16
W25	1 52	19 38	4 56	10 23	1 59	13 2	0 34	0 43	0 46	2 28	1 37	8 23	2 16	20 36	0 32	22 12	0 47	2 46	15 14	11 42	12 9	25 59	14 45	7 15
T 26	2 15	14 4	4 21	9 59	2 4	12 40	0 37	1 2	0 45	2 25	1 37	8 25	2 16	20 36	0 32	22 12	0 47	2 46	15 15	11 41	12 8	25 58	14 46	7 15
F 27	2 39	7 45	3 30	9 33	2 9	12 18	0 40	1 21	0 45	2 22	1 37	8 26	2 16	20 35	0 32	22 12	0 47	2 45	15 15	11 39	12 7	25 57	14 46	7 14
S 28	3 2	1 7	2 26	9 6	2 13	11 55	0 43	1 39	0 44	2 19	1 37	8 28	2 16	20 35	0 32	22 12	0 47	2 45	15 15	11 39	12 6	25 55	14 47	7 13
S 29	3 26	5s27	1 14	8 37	2 17	11 32	0 46	1 58	0 44	2 16	1 37	8 29	2 16	20 35	0 32	22 12	0 47	2 44	15 16	11 38	12 5	25 54	14 48	7 12
M30	3 49	11 38	0s 0	8 8	2 20	11 9	0 49	2 17	0 43	2 13	1 37	8 31	2 16	20 34	0 32	22 12	0 46	2 43	15 16	11 38	12 4	25 53	14 48	7 12
T 31	4n12	17s 7	1s13	7s36	2s23	10s46	0s52	2n36	0s43	2s10	1n37	8n32	2n16	20s34	0s32	22n12	0s46	2s43	15n16	11n38	12n 3	25s52	14n49	7s11

Julian Day Number = 2358102.5, Delta T = 14.35 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'07, Lahiri = 20°17'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

APRIL 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 39	11♈35'14	26♏36	17♓45	5♓28	8♈57	9°R 3	13°R33	0♒41	11♋32	18°R44	0♉26	1♉33	26♑54	20♋25	W 1
T 2	12 42 35	12°34'15	9♐11	19°14	6°40	9°43	8♎55	13♍29	0°43	11°32	18♏42	0°27	1°30	27° 0	20°26	T 2
F 3	12 46 32	13°33'15	21°30	20°45	7°52	10°29	8°48	13°26	0°44	11°33	18°41	0°28	1°26	27° 7	20°27	F 3
S 4	12 50 29	14°32'13	3♑35	22°18	9° 3	11°15	8°40	13°22	0°46	11°33	18°40	0°29	1°23	27°14	20°29	S 4
S 5	12 54 25	15°31'09	15°32	23°52	10°15	12° 0	8°32	13°18	0°47	11°34	18°39	0°R30	1°20	27°21	20°30	S 5
M 6	12 58 22	16°30'04	27°25	25°28	11°27	12°46	8°25	13°15	0°49	11°34	18°37	0°29	1°17	27°27	20°31	M 6
T 7	13 2 18	17°28'57	9♒19	27° 5	12°39	13°32	8°17	13°11	0°50	11°35	18°36	0°28	1°14	27°34	20°33	T 7
W 8	13 6 15	18°27'48	21°18	28°44	13°51	14°18	8°10	13° 8	0°52	11°35	18°34	0°27	1°11	27°41	20°34	W 8
T 9	13 10 11	19°26'37	3♓26	0♈25	15° 3	15° 4	8° 2	13° 4	0°53	11°36	18°33	0°26	1° 7	27°47	20°36	T 9
F 10	13 14 8	20°25'24	15°46	2° 7	16°15	15°50	7°55	13° 1	0°54	11°36	18°32	0°24	1° 4	27°54	20°38	F 10
S 11	13 18 4	21°24'09	28°21	3°50	17°28	16°35	7°47	12°58	0°55	11°37	18°30	0°23	1° 1	28° 1	20°40	S 11
S 12	13 22 1	22°22'53	11♈12	5°35	18°40	17°21	7°40	12°55	0°57	11°38	18°29	0°22	0°58	28° 8	20°42	S 12
M13	13 25 58	23°21'34	24°19	7°22	19°52	18° 6	7°33	12°51	0°58	11°38	18°27	0°D22	0°55	28°14	20°44	M13
T 14	13 29 54	24°20'14	7♉42	9°11	21° 4	18°52	7°26	12°48	0°59	11°39	18°26	0°22	0°51	28°21	20°46	T 14
W15	13 33 51	25°18'52	21°19	11° 0	22°16	19°37	7°18	12°46	1° 0	11°40	18°24	0°22	0°48	28°28	20°48	W15
T 16	13 37 47	26°17'27	5♊ 9	12°52	23°28	20°23	7°11	12°43	1° 1	11°41	18°23	0°22	0°45	28°35	20°51	T 16
F 17	13 41 44	27°16'01	19° 9	14°45	24°40	21° 8	7° 5	12°40	1° 2	11°41	18°21	0°23	0°42	28°41	20°53	F 17
S 18	13 45 40	28°14'33	3♋16	16°40	25°53	21°54	6°58	12°37	1° 3	11°42	18°20	0°23	0°39	28°48	20°56	S 18
S 19	13 49 37	29°13'02	17°27	18°36	27° 5	22°39	6°51	12°35	1° 4	11°43	18°18	0°23	0°36	28°55	20°58	S 19
M20	13 53 33	0♉11'29	1♌41	20°34	28°17	23°24	6°44	12°32	1° 4	11°44	18°17	0°23	0°32	29° 1	21° 1	M20
T 21	13 57 30	1° 9'54	15°54	22°33	29°29	24° 9	6°38	12°30	1° 5	11°45	18°15	0°23	0°29	29° 8	21° 4	T 21
W22	14 1 27	2° 8'16	0♍ 4	24°34	0♈42	24°55	6°32	12°28	1° 6	11°46	18°14	0°23	0°26	29°15	21° 7	W22
T 23	14 5 23	3° 6'37	14° 9	26°37	1°54	25°40	6°25	12°26	1° 6	11°47	18°12	0°23	0°23	29°22	21°10	T 23
F 24	14 9 20	4° 4'55	28° 6	28°41	3° 6	26°25	6°19	12°24	1° 7	11°48	18°10	0°24	0°20	29°28	21°13	F 24
S 25	14 13 16	5° 3'12	11♎52	0♉46	4°19	27°10	6°13	12°22	1° 7	11°49	18° 9	0°24	0°17	29°35	21°16	S 25
S 26	14 17 13	6° 1'26	25°25	2°52	5°31	27°55	6° 7	12°20	1° 8	11°50	18° 7	0°R24	0°13	29°42	21°19	S 26
M27	14 21 9	6°59'39	8♏44	5° 0	6°43	28°39	6° 1	12°18	1° 8	11°51	18° 5	0°24	0°10	29°49	21°23	M27
T 28	14 25 6	7°57'50	21°46	7° 8	7°56	29°24	5°56	12°16	1° 9	11°53	18° 4	0°24	0° 7	29°55	21°26	T 28
W29	14 29 2	8°55'59	4♐33	9°17	9° 8	0♉ 9	5°50	12°15	1° 9	11°54	18° 2	0°23	0° 4	0♒ 2	21°30	W29
T 30	14 32 59	9♉54'07	17♐ 4	11♉27	10♈21	0♉54	5♎45	12♍13	1♒ 9	11♋55	18♏ 1	0♉22	0♉ 1	0♒ 9	21♋33	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n35	21s41	2s19	7s 4	2s25	10s22	0s54	2n54	0s42	2s 7	1n37	8n34	2n16	20s34	0s32	22n12	0s46	2s42	15n16	11n38	12n 2	25s50	14n49	7s10
T 2	4 58	25 7	3 18	6 31	2 27	9 58	0 57	3 13	0 42	2 4	1 37	8 35	2 16	20 33	0 32	22 12	0 46	2 42	15 17	11 39	12 1	25 49	14 50	7 10
F 3	5 21	27 17	4 6	5 56	2 28	9 33	1 0	3 31	0 41	2 1	1 37	8 37	2 15	20 33	0 32	22 12	0 46	2 41	15 17	11 39	12 0	25 48	14 51	7 9
S 4	5 44	28 7	4 42	5 20	2 29	9 9	1 2	3 50	0 41	1 58	1 37	8 38	2 15	20 33	0 32	22 12	0 46	2 41	15 17	11 40	11 58	25 46	14 51	7 8
S 5	6 7	27 37	5 5	4 43	2 29	8 44	1 5	4 8	0 40	1 55	1 37	8 39	2 15	20 32	0 33	22 12	0 46	2 40	15 17	11 40	11 57	25 45	14 52	7 8
M 6	6 30	25 51	5 15	4 5	2 29	8 19	1 7	4 27	0 40	1 52	1 37	8 41	2 15	20 32	0 33	22 12	0 46	2 39	15 18	11 40	11 56	25 44	14 52	7 7
T 7	6 52	22 58	5 12	3 25	2 28	7 53	1 9	4 45	0 39	1 49	1 37	8 42	2 15	20 32	0 33	22 12	0 46	2 39	15 18	11 39	11 55	25 43	14 53	7 6
W 8	7 15	19 5	4 55	2 45	2 27	7 27	1 11	5 3	0 38	1 46	1 36	8 43	2 15	20 32	0 33	22 12	0 46	2 38	15 18	11 39	11 54	25 41	14 53	7 5
T 9	7 37	14 23	4 25	2 3	2 25	7 2	1 14	5 22	0 38	1 43	1 36	8 44	2 15	20 31	0 33	22 12	0 46	2 38	15 18	11 38	11 53	25 40	14 54	7 5
F 10	7 59	9 2	3 42	1 20	2 23	6 35	1 16	5 40	0 37	1 40	1 36	8 45	2 15	20 31	0 33	22 12	0 46	2 37	15 19	11 38	11 52	25 39	14 54	7 4
S 11	8 21	3 14	2 48	0 37	2 20	6 9	1 18	5 58	0 37	1 37	1 36	8 47	2 15	20 31	0 33	22 12	0 46	2 37	15 19	11 37	11 51	25 37	14 54	7 3
S 12	8 43	2n50	1 44	0n 8	2 16	5 43	1 19	6 16	0 36	1 34	1 36	8 48	2 15	20 31	0 33	22 12	0 46	2 36	15 19	11 37	11 50	25 36	14 55	7 3
M13	9 5	8 55	0 33	0 54	2 13	5 16	1 21	6 34	0 36	1 32	1 36	8 49	2 15	20 30	0 33	22 12	0 46	2 36	15 19	11 37	11 48	25 35	14 55	7 2
T 14	9 27	14 44	0n41	1 41	2 8	4 49	1 23	6 52	0 35	1 29	1 36	8 50	2 14	20 30	0 33	22 12	0 46	2 35	15 19	11 37	11 47	25 33	14 56	7 1
W15	9 48	19 57	1 54	2 28	2 4	4 22	1 25	7 9	0 35	1 26	1 36	8 51	2 14	20 30	0 33	22 12	0 46	2 34	15 19	11 37	11 46	25 32	14 56	7 1
T 16	10 10	24 9	3 1	3 16	1 58	3 55	1 26	7 27	0 34	1 24	1 36	8 52	2 14	20 30	0 33	22 12	0 46	2 34	15 20	11 37	11 45	25 30	14 56	7 0
F 17	10 31	27 0	3 59	4 6	1 52	3 28	1 28	7 45	0 33	1 21	1 36	8 53	2 14	20 30	0 33	22 12	0 46	2 33	15 20	11 37	11 44	25 29	14 57	6 59
S 18	10 52	28 8	4 42	4 56	1 46	3 0	1 29	8 2	0 33	1 18	1 36	8 54	2 14	20 29	0 33	22 12	0 46	2 33	15 20	11 37	11 43	25 28	14 57	6 58
S 19	11 13	27 26	5 9	5 46	1 39	2 33	1 31	8 19	0 32	1 16	1 35	8 55	2 14	20 29	0 33	22 12	0 46	2 32	15 20	11 37	11 42	25 26	14 57	6 58
M20	11 33	24 57	5 17	6 37	1 32	2 5	1 32	8 37	0 32	1 13	1 35	8 55	2 14	20 29	0 33	22 12	0 46	2 32	15 20	11 37	11 41	25 25	14 57	6 57
T 21	11 54	20 57	5 5	7 29	1 24	1 38	1 33	8 54	0 31	1 11	1 35	8 56	2 14	20 29	0 33	22 12	0 46	2 31	15 20	11 37	11 40	25 23	14 58	6 56
W22	12 14	15 45	4 35	8 21	1 16	1 10	1 34	9 11	0 30	1 8	1 35	8 57	2 13	20 29	0 33	22 12	0 46	2 31	15 20	11 37	11 38	25 22	14 58	6 56
T 23	12 34	9 46	3 49	9 14	1 7	0 42	1 35	9 28	0 30	1 6	1 35	8 58	2 13	20 29	0 33	22 12	0 46	2 30	15 20	11 38	11 37	25 21	14 58	6 55
F 24	12 54	3 21	2 50	10 7	0 58	0 14	1 36	9 45	0 29	1 4	1 35	8 58	2 13	20 29	0 33	22 12	0 46	2 30	15 20	11 38	11 36	25 19	14 58	6 54
S 25	13 14	3s 9	1 41	11 0	0 49	0n14	1 37	10 2	0 29	1 2	1 35	8 59	2 13	20 29	0 33	22 12	0 46	2 29	15 21	11 38	11 35	25 18	14 58	6 54
S 26	13 33	9 25	0 28	11 52	0 39	0 42	1 38	10 19	0 28	0 59	1 34	8 59	2 13	20 29	0 33	22 11	0 46	2 29	15 21	11 38	11 34	25 16	14 59	6 53
M27	13 52	15 9	0s46	12 45	0 29	1 10	1 39	10 35	0 28	0 57	1 34	9 0	2 13	20 29	0 33	22 11	0 45	2 28	15 21	11 38	11 33	25 15	14 59	6 53
T 28	14 11	20 6	1 56	13 37	0 19	1 38	1 39	10 52	0 27	0 55	1 34	9 1	2 13	20 28	0 33	22 11	0 45	2 28	15 21	11 38	11 32	25 13	14 59	6 52
W29	14 30	24 0	2 58	14 28	0 9	2 6	1 40	11 8	0 26	0 53	1 34	9 1	2 12	20 28	0 33	22 11	0 45	2 28	15 21	11 37	11 31	25 12	14 59	6 51
T 30	14n48	26s40	3s50	15n19	0n 2	2n34	1s41	11n24	0s26	0s51	1n34	9n 1	2n12	20s28	0s33	22n11	0s45	2s27	15n21	11n37	11n30	25s10	14n59	6s51

Julian Day Number = 2358133.5, Delta T = 14.37 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'11, Lahiri = 20°17'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

MAY 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 56	10♉52'13	29♐21	13♉37	11♈33	1♉39	5°R40	12°R12	1♒10	11♋56	17°R59	0°R20	29♈57	0♒15	21♋37	F 1
S 2	14 40 52	11°50'17	11♑27	15°47	12°46	2°23	5♎34	12♍11	1°10	11°58	17♏57	0♉19	29°54	0°22	21°41	S 2
S 3	14 44 49	12°48'21	23°24	17°56	13°58	3° 8	5°29	12° 9	1°10	11°59	17°56	0°18	29°51	0°29	21°45	S 3
M 4	14 48 45	13°46'23	5♒18	20° 6	15°10	3°52	5°25	12° 8	1°10	12° 0	17°54	0°17	29°48	0°36	21°49	M 4
T 5	14 52 42	14°44'23	17°12	22°14	16°23	4°37	5°20	12° 7	1°R10	12° 2	17°52	0°D17	29°45	0°42	21°53	T 5
W 6	14 56 38	15°42'22	29°11	24°21	17°36	5°21	5°15	12° 7	1°10	12° 3	17°51	0°17	29°42	0°49	21°57	W 6
T 7	15 0 35	16°40'20	11♓20	26°27	18°48	6° 6	5°11	12° 6	1°10	12° 4	17°49	0°18	29°38	0°56	22° 1	T 7
F 8	15 4 31	17°38'16	23°42	28°31	20° 1	6°50	5° 7	12° 5	1°10	12° 6	17°47	0°20	29°35	1° 2	22° 5	F 8
S 9	15 8 28	18°36'11	6♈22	0♊33	21°13	7°34	5° 3	12° 4	1°10	12° 7	17°45	0°21	29°32	1° 9	22° 9	S 9
S 10	15 12 25	19°34'04	19°23	2°33	22°26	8°18	4°59	12° 4	1°10	12° 9	17°44	0°22	29°29	1°16	22°14	S 10
M11	15 16 21	20°31'57	2♉45	4°31	23°38	9° 3	4°55	12° 4	1° 9	12°10	17°42	0°R22	29°26	1°23	22°18	M11
T 12	15 20 18	21°29'48	16°28	6°26	24°51	9°47	4°52	12° 3	1° 9	12°12	17°40	0°22	29°22	1°29	22°23	T 12
W13	15 24 14	22°27'37	0♊30	8°19	26° 4	10°31	4°48	12° 3	1° 9	12°13	17°39	0°20	29°19	1°36	22°28	W13
T 14	15 28 11	23°25'26	14°48	10° 9	27°16	11°15	4°45	12°D 3	1° 8	12°15	17°37	0°17	29°16	1°43	22°32	T 14
F 15	15 32 7	24°23'12	29°16	11°55	28°29	11°59	4°42	12° 3	1° 8	12°17	17°35	0°14	29°13	1°50	22°37	F 15
S 16	15 36 4	25°20'58	13♋47	13°39	29°41	12°43	4°39	12° 3	1° 7	12°18	17°34	0°11	29°10	1°56	22°42	S 16
S 17	15 40 0	26°18'41	28°17	15°20	0♉54	13°27	4°37	12° 4	1° 7	12°20	17°32	0° 8	29° 7	2° 3	22°47	S 17
M18	15 43 57	27°16'23	12♌40	16°58	2° 7	14°10	4°34	12° 4	1° 6	12°21	17°30	0° 6	29° 3	2°10	22°52	M18
T 19	15 47 54	28°14'03	26°54	18°32	3°19	14°54	4°32	12° 5	1° 5	12°23	17°29	0°D 5	29° 0	2°16	22°57	T 19
W20	15 51 50	29°11'42	10♍55	20° 3	4°32	15°38	4°30	12° 5	1° 5	12°25	17°27	0° 6	28°57	2°23	23° 2	W20
T 21	15 55 47	0♊ 9'19	24°42	21°31	5°45	16°21	4°28	12° 6	1° 4	12°27	17°26	0° 7	28°54	2°30	23° 7	T 21
F 22	15 59 43	1° 6'54	8♎17	22°55	6°57	17° 5	4°26	12° 7	1° 3	12°28	17°24	0° 8	28°51	2°37	23°12	F 22
S 23	16 3 40	2° 4'28	21°38	24°16	8°10	17°49	4°25	12° 7	1° 2	12°30	17°22	0°10	28°48	2°43	23°18	S 23
S 24	16 7 36	3° 2'01	4♏46	25°34	9°23	18°32	4°23	12° 8	1° 2	12°32	17°21	0°R10	28°44	2°50	23°23	S 24
M25	16 11 33	3°59'32	17°42	26°48	10°36	19°15	4°22	12°10	1° 1	12°34	17°19	0° 8	28°41	2°57	23°28	M25
T 26	16 15 29	4°57'03	0♐26	27°59	11°48	19°59	4°21	12°11	1° 0	12°36	17°18	0° 5	28°38	3° 4	23°34	T 26
W27	16 19 26	5°54'32	12°59	29° 6	13° 1	20°42	4°20	12°12	0°59	12°37	17°16	0° 1	28°35	3°10	23°39	W27
T 28	16 23 23	6°52'00	25°20	0♋10	14°14	21°25	4°19	12°13	0°58	12°39	17°14	29♈55	28°32	3°17	23°45	T 28
F 29	16 27 19	7°49'27	7♑31	1°10	15°27	22° 9	4°19	12°15	0°57	12°41	17°13	29°48	28°29	3°24	23°51	F 29
S 30	16 31 16	8°46'54	19°33	2° 6	16°40	22°52	4°18	12°17	0°55	12°43	17°11	29°42	28°25	3°30	23°56	S 30
S 31	16 35 12	9♊44'19	1♒30	2♋58	17♉52	23♉35	4°D18	12♍18	0♒54	12♋45	17♏10	29♈35	28♈22	3♒37	24♋ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 7	27s59	4s31	16n 9	0n13	3n 2	1s41	11n40	0s25	0s49	1n34	9n 2	2n12	20s28	0s33	22n11	0s45	2s27	15n21	11n36	11n28	25s 9	14n59	6s50
S 2	15 25	27 57	4 59	16 57	0 23	3 30	1 41	11 56	0 24	0 47	1 33	9 2	2 12	20 28	0 33	22 11	0 45	2 26	15 21	11 36	11 27	25 7	14 59	6 49
S 3	15 42	26 35	5 14	17 45	0 34	3 57	1 42	12 12	0 24	0 46	1 33	9 2	2 12	20 28	0 33	22 11	0 45	2 26	15 21	11 36	11 26	25 6	14 59	6 49
M 4	16 0	24 3	5 15	18 30	0 44	4 25	1 42	12 28	0 23	0 44	1 33	9 3	2 12	20 28	0 34	22 11	0 45	2 25	15 21	11 35	11 25	25 4	14 59	6 48
T 5	16 17	20 30	5 2	19 14	0 54	4 53	1 42	12 43	0 23	0 42	1 33	9 3	2 12	20 28	0 34	22 11	0 45	2 25	15 21	11 35	11 24	25 3	14 59	6 48
W 6	16 34	16 5	4 37	19 55	1 4	5 21	1 42	12 59	0 22	0 41	1 33	9 3	2 11	20 28	0 34	22 11	0 45	2 25	15 21	11 35	11 23	25 1	14 59	6 47
T 7	16 51	11 0	3 59	20 35	1 13	5 48	1 42	13 14	0 21	0 39	1 32	9 3	2 11	20 29	0 34	22 11	0 45	2 24	15 21	11 36	11 22	25 0	14 59	6 46
F 8	17 7	5 23	3 9	21 12	1 22	6 16	1 42	13 29	0 21	0 38	1 32	9 3	2 11	20 29	0 34	22 10	0 45	2 24	15 21	11 36	11 21	24 58	14 59	6 46
S 9	17 23	0n34	2 8	21 47	1 31	6 43	1 42	13 44	0 20	0 36	1 32	9 3	2 11	20 29	0 34	22 10	0 45	2 23	15 21	11 37	11 19	24 57	14 59	6 45
S 10	17 39	6 40	1 0	22 19	1 39	7 11	1 41	13 59	0 20	0 35	1 32	9 3	2 11	20 29	0 34	22 10	0 45	2 23	15 21	11 37	11 18	24 55	14 59	6 45
M11	17 55	12 39	0n13	22 49	1 46	7 38	1 41	14 14	0 19	0 34	1 31	9 3	2 11	20 29	0 34	22 10	0 45	2 23	15 20	11 37	11 17	24 54	14 59	6 44
T 12	18 10	18 11	1 27	23 16	1 53	8 5	1 40	14 29	0 18	0 32	1 31	9 3	2 10	20 29	0 34	22 10	0 45	2 22	15 20	11 37	11 16	24 52	14 59	6 43
W13	18 25	22 52	2 38	23 41	1 59	8 31	1 40	14 43	0 18	0 31	1 31	9 3	2 10	20 29	0 34	22 10	0 45	2 22	15 20	11 36	11 15	24 50	14 58	6 43
T 14	18 39	26 15	3 40	24 3	2 4	8 58	1 39	14 57	0 17	0 30	1 31	9 3	2 10	20 29	0 34	22 10	0 45	2 22	15 20	11 35	11 14	24 49	14 58	6 42
F 15	18 54	27 57	4 29	24 22	2 8	9 25	1 39	15 12	0 16	0 29	1 31	9 3	2 10	20 29	0 34	22 10	0 45	2 21	15 20	11 34	11 13	24 47	14 58	6 42
S 16	19 8	27 45	5 1	24 39	2 12	9 51	1 38	15 26	0 16	0 28	1 30	9 3	2 10	20 29	0 34	22 10	0 45	2 21	15 20	11 33	11 12	24 46	14 58	6 41
S 17	19 21	25 39	5 13	24 54	2 15	10 17	1 37	15 39	0 15	0 28	1 30	9 3	2 10	20 30	0 34	22 9	0 45	2 21	15 20	11 32	11 10	24 44	14 57	6 41
M18	19 35	21 55	5 6	25 6	2 17	10 43	1 37	15 53	0 14	0 27	1 30	9 2	2 9	20 30	0 34	22 9	0 45	2 20	15 20	11 31	11 9	24 43	14 57	6 40
T 19	19 48	16 57	4 40	25 16	2 18	11 8	1 36	16 7	0 14	0 26	1 30	9 2	2 9	20 30	0 34	22 9	0 45	2 20	15 19	11 31	11 8	24 41	14 57	6 40
W20	20 0	11 9	3 57	25 24	2 18	11 34	1 35	16 20	0 13	0 25	1 29	9 1	2 9	20 30	0 34	22 9	0 45	2 20	15 19	11 31	11 7	24 39	14 57	6 39
T 21	20 13	4 53	3 2	25 30	2 18	11 59	1 34	16 33	0 13	0 25	1 29	9 1	2 9	20 30	0 34	22 9	0 45	2 20	15 19	11 32	11 6	24 38	14 56	6 39
F 22	20 25	1s30	1 57	25 33	2 16	12 24	1 33	16 46	0 12	0 24	1 29	9 1	2 9	20 30	0 34	22 9	0 45	2 19	15 19	11 32	11 5	24 36	14 56	6 38
S 23	20 36	7 44	0 46	25 35	2 14	12 48	1 31	16 59	0 11	0 24	1 29	9 0	2 8	20 31	0 34	22 9	0 45	2 19	15 19	11 33	11 4	24 34	14 56	6 38
S 24	20 48	13 32	0s25	25 35	2 11	13 13	1 30	17 12	0 11	0 24	1 28	9 0	2 8	20 31	0 34	22 9	0 45	2 19	15 19	11 33	11 3	24 33	14 55	6 37
M25	20 59	18 39	1 34	25 34	2 7	13 37	1 29	17 24	0 10	0 23	1 28	8 59	2 8	20 31	0 34	22 8	0 45	2 19	15 18	11 32	11 1	24 31	14 55	6 37
T 26	21 9	22 50	2 37	25 30	2 3	14 1	1 28	17 37	0 9	0 23	1 28	8 58	2 8	20 31	0 34	22 8	0 45	2 18	15 18	11 31	11 0	24 29	14 54	6 36
W27	21 19	25 53	3 32	25 25	1 57	14 24	1 26	17 49	0 9	0 23	1 28	8 58	2 8	20 32	0 34	22 8	0 45	2 18	15 18	11 30	10 59	24 28	14 54	6 36
T 28	21 29	27 39	4 15	25 19	1 51	14 47	1 25	18 1	0 8	0 23	1 27	8 57	2 8	20 32	0 34	22 8	0 45	2 18	15 18	11 28	10 58	24 26	14 53	6 35
F 29	21 39	28 2	4 46	25 12	1 44	15 10	1 23	18 13	0 7	0 23	1 27	8 56	2 7	20 32	0 34	22 8	0 45	2 18	15 17	11 25	10 57	24 24	14 53	6 35
S 30	21 48	27 4	5 5	25 3	1 36	15 32	1 22	18 24	0 7	0 23	1 27	8 55	2 7	20 32	0 34	22 8	0 45	2 18	15 17	11 23	10 56	24 23	14 52	6 34
S 31	21n57	24s53	5s 9	24n53	1n27	15n54	1s20	18n36	0s 6	0s23	1n27	8n55	2n 7	20s33	0s34	22n 7	0s44	2s18	15n17	11n21	10n55	24s21	14n52	6s34

Julian Day Number = 2358163.5, Delta T = 14.39 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'15, Lahiri = 20°17'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

JUNE 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 9	10♊41'44	13♒22	3♋46	19♉ 5	24♉18	4♎18	12♍20	0°R53	12♋47	17°R 8	29°R31	28♈19	3♒44	24♋ 8	M 1
T 2	16 43 5	11°39'08	25°15	4°31	20°18	25° 1	4°18	12°22	0♒52	12°49	17♏ 7	29♈27	28°16	3°51	24°14	T 2
W 3	16 47 2	12°36'31	7♓13	5°11	21°31	25°44	4°19	12°24	0°50	12°51	17° 5	29°26	28°13	3°57	24°20	W 3
T 4	16 50 58	13°33'54	19°19	5°47	22°44	26°27	4°19	12°26	0°49	12°53	17° 4	29°D26	28° 9	4° 4	24°26	T 4
F 5	16 54 55	14°31'16	1♈40	6°19	23°57	27° 9	4°20	12°28	0°48	12°55	17° 3	29°27	28° 6	4°11	24°32	F 5
S 6	16 58 52	15°28'38	14°20	6°46	25°10	27°52	4°21	12°31	0°46	12°57	17° 1	29°28	28° 3	4°17	24°38	S 6
S 7	17 2 48	16°25'59	27°22	7°10	26°22	28°35	4°22	12°33	0°45	12°59	17° 0	29°R29	28° 0	4°24	24°44	S 7
M 8	17 6 45	17°23'20	10♉50	7°28	27°35	29°17	4°23	12°35	0°43	13° 1	16°58	29°28	27°57	4°31	24°50	M 8
T 9	17 10 41	18°20'40	24°45	7°42	28°48	0♊ 0	4°25	12°38	0°42	13° 3	16°57	29°26	27°54	4°38	24°57	T 9
W10	17 14 38	19°18'00	9♊ 4	7°52	0♊ 1	0°43	4°27	12°41	0°40	13° 5	16°56	29°21	27°50	4°44	25° 3	W10
T 11	17 18 34	20°15'19	23°44	7°57	1°14	1°25	4°28	12°43	0°39	13° 7	16°54	29°15	27°47	4°51	25° 9	T 11
F 12	17 22 31	21°12'37	8♋37	7°R57	2°27	2° 8	4°30	12°46	0°37	13° 9	16°53	29° 7	27°44	4°58	25°16	F 12
S 13	17 26 28	22° 9'55	23°34	7°53	3°40	2°50	4°32	12°49	0°35	13°11	16°52	28°59	27°41	5° 5	25°22	S 13
S 14	17 30 24	23° 7'12	8♌27	7°45	4°53	3°32	4°35	12°52	0°34	13°13	16°50	28°52	27°38	5°11	25°28	S 14
M15	17 34 21	24° 4'29	23° 7	7°32	6° 6	4°15	4°37	12°55	0°32	13°16	16°49	28°47	27°35	5°18	25°35	M15
T 16	17 38 17	25° 1'44	7♍30	7°15	7°20	4°57	4°40	12°59	0°30	13°18	16°48	28°44	27°31	5°25	25°41	T 16
W17	17 42 14	25°58'59	21°33	6°55	8°33	5°39	4°43	13° 2	0°28	13°20	16°47	28°D42	27°28	5°31	25°48	W17
T 18	17 46 10	26°56'13	5♎14	6°30	9°46	6°21	4°46	13° 5	0°26	13°22	16°46	28°42	27°25	5°38	25°55	T 18
F 19	17 50 7	27°53'26	18°37	6° 3	10°59	7° 3	4°49	13° 9	0°24	13°24	16°44	28°43	27°22	5°45	26° 1	F 19
S 20	17 54 3	28°50'38	1♏42	5°33	12°12	7°45	4°52	13°12	0°23	13°26	16°43	28°R43	27°19	5°52	26° 8	S 20
S 21	17 58 0	29°47'50	14°32	5° 1	13°25	8°27	4°56	13°16	0°21	13°29	16°42	28°42	27°15	5°58	26°15	S 21
M22	18 1 57	0♋45'02	27° 9	4°27	14°38	9° 9	5° 0	13°20	0°19	13°31	16°41	28°39	27°12	6° 5	26°21	M22
T 23	18 5 53	1°42'13	9♐36	3°52	15°51	9°51	5° 3	13°24	0°17	13°33	16°40	28°33	27° 9	6°12	26°28	T 23
W24	18 9 50	2°39'24	21°54	3°17	17° 4	10°32	5° 7	13°28	0°15	13°35	16°39	28°24	27° 6	6°19	26°35	W24
T 25	18 13 46	3°36'35	4♑ 4	2°41	18°18	11°14	5°12	13°32	0°13	13°37	16°38	28°14	27° 3	6°25	26°42	T 25
F 26	18 17 43	4°33'45	16° 7	2° 6	19°31	11°56	5°16	13°36	0°11	13°39	16°37	28° 2	27° 0	6°32	26°49	F 26
S 27	18 21 39	5°30'56	28° 4	1°32	20°44	12°37	5°20	13°40	0° 8	13°42	16°36	27°50	26°56	6°39	26°56	S 27
S 28	18 25 36	6°28'06	9♒58	1° 0	21°57	13°19	5°25	13°44	0° 6	13°44	16°35	27°39	26°53	6°45	27° 3	S 28
M29	18 29 32	7°25'17	21°49	0°31	23°11	14° 0	5°30	13°48	0° 4	13°46	16°34	27°29	26°50	6°52	27°10	M29
T 30	18 33 29	8♋22'27	3♓42	0♋ 4	24♊24	14♊42	5♎35	13♍53	0♒ 2	13♋48	16♏33	27♈22	26♈47	6♒59	27♋17	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 5	21s37	5s 0	24n42	1n17	16n16	1s19	18n47	0s 5	0s24	1n26	8n54	2n 7	20s33	0s34	22n 7	0s44	2s17	15n17	11n19	10n53	24s19	14n51	6s33
T 2	22 13	17 30	4 39	24 31	1 7	16 37	1 17	18 58	0 5	0 24	1 26	8 53	2 7	20 33	0 34	22 7	0 44	2 17	15 16	11 18	10 52	24 18	14 51	6 33
W 3	22 21	12 40	4 5	24 18	0 56	16 58	1 15	19 9	0 4	0 24	1 26	8 52	2 7	20 34	0 35	22 7	0 44	2 17	15 16	11 17	10 51	24 16	14 50	6 33
T 4	22 28	7 18	3 20	24 5	0 44	17 18	1 13	19 20	0 3	0 25	1 25	8 51	2 6	20 34	0 35	22 7	0 44	2 17	15 16	11 17	10 50	24 14	14 50	6 32
F 5	22 35	1 33	2 24	23 51	0 31	17 38	1 11	19 30	0 3	0 25	1 25	8 50	2 6	20 34	0 35	22 7	0 44	2 17	15 16	11 18	10 49	24 12	14 49	6 32
S 6	22 41	4n25	1 21	23 36	0 18	17 57	1 10	19 41	0 2	0 26	1 25	8 49	2 6	20 35	0 35	22 6	0 44	2 17	15 15	11 18	10 48	24 11	14 48	6 31
S 7	22 47	10 23	0 11	23 21	0 4	18 17	1 8	19 51	0 1	0 27	1 25	8 48	2 6	20 35	0 35	22 6	0 44	2 17	15 15	11 18	10 47	24 9	14 48	6 31
M 8	22 53	16 4	1n 1	23 5	0s11	18 35	1 6	20 1	0 1	0 27	1 24	8 47	2 6	20 35	0 35	22 6	0 44	2 17	15 15	11 18	10 46	24 7	14 47	6 31
T 9	22 58	21 7	2 12	22 49	0 26	18 53	1 4	20 11	0 0	0 28	1 24	8 46	2 6	20 36	0 35	22 6	0 44	2 17	15 14	11 17	10 44	24 5	14 46	6 30
W10	23 3	25 5	3 16	22 33	0 41	19 11	1 2	20 20	0n 1	0 29	1 24	8 45	2 5	20 36	0 35	22 6	0 44	2 17	15 14	11 16	10 43	24 4	14 45	6 30
T 11	23 7	27 29	4 9	22 17	0 57	19 28	1 0	20 30	0 1	0 30	1 24	8 43	2 5	20 36	0 35	22 6	0 44	2 17	15 14	11 13	10 42	24 2	14 45	6 30
F 12	23 11	27 58	4 47	22 1	1 14	19 45	0 57	20 39	0 2	0 31	1 23	8 42	2 5	20 37	0 35	22 5	0 44	2 17	15 13	11 11	10 41	24 0	14 44	6 29
S 13	23 15	26 25	5 4	21 44	1 30	20 1	0 55	20 48	0 3	0 32	1 23	8 41	2 5	20 37	0 35	22 5	0 44	2 17	15 13	11 8	10 40	23 58	14 43	6 29
S 14	23 18	23 1	5 1	21 28	1 47	20 16	0 53	20 57	0 3	0 33	1 23	8 39	2 5	20 38	0 35	22 5	0 44	2 17	15 12	11 5	10 39	23 57	14 42	6 29
M15	23 21	18 13	4 39	21 12	2 4	20 31	0 51	21 5	0 4	0 35	1 23	8 38	2 5	20 38	0 35	22 5	0 44	2 17	15 12	11 3	10 38	23 55	14 42	6 28
T 16	23 23	12 28	3 59	20 57	2 20	20 46	0 49	21 14	0 5	0 36	1 22	8 37	2 4	20 38	0 35	22 5	0 44	2 17	15 12	11 2	10 36	23 53	14 41	6 28
W17	23 25	6 12	3 5	20 41	2 37	21 0	0 46	21 22	0 5	0 37	1 22	8 35	2 4	20 39	0 35	22 4	0 44	2 17	15 11	11 2	10 35	23 51	14 40	6 28
T 18	23 26	0s13	2 2	20 27	2 52	21 13	0 44	21 30	0 6	0 39	1 22	8 34	2 4	20 39	0 35	22 4	0 44	2 17	15 11	11 2	10 34	23 49	14 39	6 27
F 19	23 27	6 28	0 54	20 12	3 8	21 26	0 42	21 38	0 7	0 40	1 22	8 32	2 4	20 40	0 35	22 4	0 44	2 17	15 11	11 2	10 33	23 47	14 38	6 27
S 20	23 28	12 20	0s16	19 59	3 23	21 38	0 39	21 45	0 7	0 42	1 21	8 31	2 4	20 40	0 35	22 4	0 44	2 17	15 10	11 2	10 32	23 46	14 37	6 27
S 21	23 28	17 33	1 23	19 46	3 36	21 50	0 37	21 53	0 8	0 43	1 21	8 29	2 4	20 41	0 35	22 4	0 44	2 17	15 10	11 2	10 31	23 44	14 36	6 26
M22	23 28	21 55	2 25	19 35	3 49	22 1	0 35	22 0	0 9	0 45	1 21	8 28	2 3	20 41	0 35	22 3	0 44	2 17	15 9	11 1	10 30	23 42	14 35	6 26
T 23	23 28	25 13	3 20	19 24	4 1	22 11	0 32	22 7	0 9	0 47	1 21	8 26	2 3	20 41	0 35	22 3	0 44	2 18	15 9	10 58	10 28	23 40	14 34	6 26
W24	23 27	27 17	4 3	19 15	4 12	22 21	0 30	22 13	0 10	0 49	1 20	8 24	2 3	20 42	0 35	22 3	0 44	2 18	15 8	10 55	10 27	23 38	14 33	6 26
T 25	23 26	28 0	4 36	19 6	4 21	22 30	0 27	22 20	0 11	0 50	1 20	8 23	2 3	20 42	0 35	22 3	0 44	2 18	15 8	10 52	10 26	23 36	14 32	6 25
F 26	23 24	27 23	4 55	18 59	4 28	22 39	0 25	22 26	0 11	0 52	1 20	8 21	2 3	20 43	0 35	22 3	0 44	2 18	15 8	10 47	10 25	23 35	14 31	6 25
S 27	23 22	25 30	5 2	18 53	4 35	22 47	0 23	22 32	0 12	0 54	1 20	8 19	2 3	20 43	0 35	22 2	0 44	2 18	15 7	10 43	10 24	23 33	14 30	6 25
S 28	23 19	22 30	4 55	18 49	4 39	22 54	0 20	22 38	0 13	0 56	1 19	8 17	2 3	20 44	0 35	22 2	0 44	2 18	15 7	10 39	10 23	23 31	14 29	6 25
M29	23 16	18 35	4 35	18 46	4 43	23 0	0 18	22 44	0 13	0 59	1 19	8 16	2 2	20 44	0 35	22 2	0 44	2 19	15 6	10 36	10 22	23 29	14 28	6 25
T 30	23n13	13s57	4s 4	18n44	4s44	23n 6	0s15	22n49	0n14	1s 1	1n19	8n14	2n 2	20s45	0s35	22n 2	0s44	2s19	15n 6	10n33	10n20	23s27	14n27	6s24

Julian Day Number = 2358194.5, Delta T = 14.42 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'20, Lahiri = 20°17'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

JULY 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 26	9♋19'38	15♓38	29°R41	25♊37	15♊23	5♎40	13♍57	29°R59	13♋51	16°R33	27°R17	26♈44	7♒ 6	27♋24	W 1
T 2	18 41 22	10°16'49	27°43	29♊22	26°51	16° 4	5°45	14° 2	29♑58	13°53	16♏32	27♈14	26°41	7°12	27°31	T 2
F 3	18 45 19	11°14'00	10♈ 1	29° 7	28° 4	16°46	5°50	14° 6	29°55	13°55	16°31	27°D14	26°37	7°19	27°38	F 3
S 4	18 49 15	12°11'12	22°38	28°56	29°17	17°27	5°56	14°11	29°53	13°57	16°30	27°R14	26°34	7°26	27°45	S 4
S 5	18 53 12	13° 8'24	5♉37	28°50	0♋31	18° 8	6° 2	14°16	29°51	13°59	16°29	27°14	26°31	7°32	27°52	S 5
M 6	18 57 8	14° 5'36	19° 3	28°D49	1°44	18°49	6° 7	14°21	29°49	14° 2	16°29	27°12	26°28	7°39	27°59	M 6
T 7	19 1 5	15° 2'49	2♊58	28°53	2°58	19°30	6°13	14°26	29°46	14° 4	16°28	27° 9	26°25	7°46	28° 6	T 7
W 8	19 5 1	16° 0'03	17°22	29° 2	4°11	20°11	6°19	14°31	29°44	14° 6	16°27	27° 2	26°21	7°53	28°13	W 8
T 9	19 8 58	16°57'17	2♋11	29°17	5°24	20°52	6°26	14°36	29°42	14° 8	16°27	26°54	26°18	7°59	28°20	T 9
F 10	19 12 55	17°54'31	17°18	29°37	6°38	21°33	6°32	14°41	29°39	14°11	16°26	26°43	26°15	8° 6	28°28	F 10
S 11	19 16 51	18°51'46	2♌32	0♋ 2	7°52	22°14	6°39	14°46	29°37	14°13	16°26	26°33	26°12	8°13	28°35	S 11
S 12	19 20 48	19°49'01	17°44	0°33	9° 5	22°55	6°45	14°51	29°35	14°15	16°25	26°23	26° 9	8°20	28°42	S 12
M13	19 24 44	20°46'16	2♍41	1° 9	10°19	23°36	6°52	14°57	29°32	14°17	16°25	26°15	26° 6	8°26	28°49	M13
T 14	19 28 41	21°43'31	17°18	1°51	11°32	24°16	6°59	15° 2	29°30	14°20	16°24	26° 9	26° 2	8°33	28°57	T 14
W15	19 32 37	22°40'46	1♎30	2°37	12°46	24°57	7° 6	15° 8	29°28	14°22	16°24	26° 6	25°59	8°40	29° 4	W15
T 16	19 36 34	23°38'02	15°15	3°29	13°59	25°37	7°13	15°13	29°25	14°24	16°24	26° 5	25°56	8°46	29°11	T 16
F 17	19 40 30	24°35'17	28°36	4°27	15°13	26°18	7°21	15°19	29°23	14°26	16°23	26° 5	25°53	8°53	29°18	F 17
S 18	19 44 27	25°32'33	11♏35	5°29	16°27	26°58	7°28	15°24	29°20	14°28	16°23	26° 5	25°50	9° 0	29°26	S 18
S 19	19 48 24	26°29'50	24°15	6°36	17°40	27°39	7°36	15°30	29°18	14°31	16°23	26° 3	25°47	9° 7	29°33	S 19
M20	19 52 20	27°27'06	6♐41	7°48	18°54	28°19	7°43	15°36	29°16	14°33	16°22	25°59	25°43	9°13	29°40	M20
T 21	19 56 17	28°24'24	18°56	9° 6	20° 8	28°59	7°51	15°42	29°13	14°35	16°22	25°52	25°40	9°20	29°48	T 21
W22	20 0 13	29°21'41	1♑ 3	10°27	21°22	29°40	7°59	15°48	29°11	14°37	16°22	25°42	25°37	9°27	29°55	W22
T 23	20 4 10	0♒19'00	13° 4	11°54	22°35	0♋20	8° 7	15°53	29° 8	14°39	16°22	25°30	25°34	9°33	0♌ 2	T 23
F 24	20 8 6	1°16'19	25° 1	13°25	23°49	1° 0	8°15	15°59	29° 6	14°41	16°22	25°17	25°31	9°40	0°10	F 24
S 25	20 12 3	2°13'38	6♒54	15° 0	25° 3	1°40	8°24	16° 6	29° 4	14°44	16°22	25° 3	25°27	9°47	0°17	S 25
S 26	20 16 0	3°10'59	18°46	16°39	26°17	2°20	8°32	16°12	29° 1	14°46	16°22	24°50	25°24	9°54	0°24	S 26
M27	20 19 56	4° 8'20	0♓39	18°22	27°31	3° 0	8°40	16°18	28°59	14°48	16°D22	24°39	25°21	10° 0	0°32	M27
T 28	20 23 53	5° 5'42	12°33	20° 8	28°44	3°40	8°49	16°24	28°57	14°50	16°22	24°30	25°18	10° 7	0°39	T 28
W29	20 27 49	6° 3'05	24°32	21°58	29°58	4°20	8°58	16°30	28°54	14°52	16°22	24°24	25°15	10°14	0°46	W29
T 30	20 31 46	7° 0'29	6♈38	23°51	1♌12	5° 0	9° 7	16°37	28°52	14°54	16°22	24°21	25°12	10°20	0°53	T 30
F 31	20 35 42	7♌57'55	18♈57	25♋46	2♌26	5♋39	9♎16	16♍43	28♑49	14♋56	16♏22	24♈20	25♈ 8	10♒27	1♌ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 9	8s46	3s22	18n44	4s44	23n11	0s13	22n55	0n15	1s 3	1n19	8n12	2n 2	20s45	0s35	22n 2	0s44	2s19	15n 5	10n31	10n19	23s25	14n26	6s24
T 2	23 5	3 12	2 30	18 46	4 43	23 16	0 10	23 0	0 15	1 5	1 18	8 10	2 2	20 46	0 35	22 1	0 44	2 19	15 5	10 30	10 18	23 23	14 25	6 24
F 3	23 0	2n36	1 30	18 48	4 40	23 20	0 8	23 5	0 16	1 8	1 18	8 8	2 2	20 46	0 35	22 1	0 44	2 20	15 4	10 30	10 17	23 21	14 23	6 24
S 4	22 55	8 26	0 24	18 52	4 36	23 23	0 5	23 9	0 17	1 10	1 18	8 6	2 2	20 47	0 35	22 1	0 44	2 20	15 4	10 30	10 16	23 19	14 22	6 24
S 5	22 49	14 6	0n44	18 58	4 30	23 26	0 3	23 14	0 17	1 12	1 18	8 4	2 2	20 47	0 35	22 1	0 44	2 20	15 3	10 30	10 15	23 17	14 21	6 23
M 6	22 44	19 19	1 53	19 5	4 24	23 27	0 0	23 18	0 18	1 15	1 17	8 2	2 2	20 48	0 35	22 0	0 44	2 20	15 3	10 30	10 13	23 15	14 20	6 23
T 7	22 37	23 40	2 57	19 12	4 16	23 29	0n 2	23 22	0 19	1 18	1 17	8 0	2 1	20 48	0 35	22 0	0 44	2 21	15 2	10 28	10 12	23 14	14 19	6 23
W 8	22 31	26 43	3 52	19 21	4 7	23 29	0 5	23 26	0 19	1 20	1 17	7 58	2 1	20 49	0 35	22 0	0 44	2 21	15 2	10 26	10 11	23 12	14 17	6 23
T 9	22 24	28 1	4 33	19 31	3 57	23 29	0 7	23 29	0 20	1 23	1 17	7 56	2 1	20 49	0 35	22 0	0 44	2 21	15 1	10 23	10 10	23 10	14 16	6 23
F 10	22 16	27 15	4 56	19 42	3 46	23 28	0 9	23 33	0 21	1 26	1 17	7 54	2 1	20 50	0 35	22 0	0 44	2 22	15 1	10 19	10 9	23 8	14 15	6 23
S 11	22 9	24 28	4 59	19 53	3 35	23 26	0 12	23 36	0 21	1 28	1 16	7 52	2 1	20 50	0 35	21 59	0 44	2 22	15 0	10 15	10 8	23 6	14 14	6 23
S 12	22 1	19 59	4 40	20 5	3 23	23 24	0 14	23 39	0 22	1 31	1 16	7 50	2 1	20 51	0 35	21 59	0 44	2 22	15 0	10 12	10 7	23 4	14 12	6 23
M13	21 52	14 18	4 2	20 18	3 11	23 21	0 17	23 42	0 22	1 34	1 16	7 48	2 1	20 51	0 35	21 59	0 44	2 23	14 59	10 9	10 5	23 2	14 11	6 22
T 14	21 43	7 56	3 9	20 30	2 57	23 17	0 19	23 44	0 23	1 37	1 16	7 45	2 1	20 52	0 35	21 59	0 44	2 23	14 59	10 7	10 4	23 0	14 10	6 22
W15	21 34	1 20	2 6	20 43	2 44	23 13	0 21	23 46	0 24	1 40	1 15	7 43	2 0	20 52	0 35	21 58	0 44	2 24	14 58	10 6	10 3	22 58	14 8	6 22
T 16	21 24	5s 8	0 57	20 56	2 30	23 8	0 24	23 49	0 24	1 43	1 15	7 41	2 0	20 53	0 35	21 58	0 44	2 24	14 58	10 5	10 2	22 56	14 7	6 22
F 17	21 14	11 12	0s13	21 8	2 16	23 2	0 26	23 51	0 25	1 46	1 15	7 39	2 0	20 53	0 35	21 58	0 44	2 24	14 57	10 5	10 1	22 54	14 6	6 22
S 18	21 4	16 37	1 21	21 20	2 2	22 56	0 28	23 52	0 26	1 49	1 15	7 36	2 0	20 54	0 35	21 58	0 44	2 25	14 57	10 5	10 0	22 52	14 4	6 22
S 19	20 53	21 10	2 23	21 31	1 47	22 49	0 30	23 54	0 26	1 53	1 15	7 34	2 0	20 54	0 35	21 57	0 44	2 25	14 56	10 5	9 58	22 50	14 3	6 22
M20	20 42	24 41	3 17	21 42	1 33	22 41	0 33	23 55	0 27	1 56	1 14	7 32	2 0	20 55	0 35	21 57	0 44	2 26	14 55	10 3	9 57	22 48	14 1	6 22
T 21	20 31	27 0	4 0	21 51	1 19	22 32	0 35	23 56	0 28	1 59	1 14	7 29	2 0	20 55	0 35	21 57	0 44	2 26	14 55	10 0	9 56	22 46	14 0	6 22
W22	20 19	28 1	4 33	22 0	1 4	22 23	0 37	23 57	0 28	2 2	1 14	7 27	2 0	20 56	0 35	21 57	0 44	2 27	14 54	9 57	9 55	22 44	13 58	6 22
T 23	20 7	27 41	4 53	22 6	0 50	22 13	0 39	23 58	0 29	2 6	1 14	7 25	2 0	20 56	0 35	21 57	0 44	2 27	14 54	9 53	9 54	22 42	13 57	6 22
F 24	19 54	26 4	4 59	22 12	0 36	22 3	0 41	23 58	0 30	2 9	1 14	7 22	2 0	20 57	0 35	21 56	0 44	2 28	14 53	9 48	9 53	22 40	13 55	6 22
S 25	19 42	23 18	4 53	22 15	0 23	21 52	0 43	23 58	0 30	2 13	1 13	7 20	1 59	20 57	0 35	21 56	0 44	2 28	14 53	9 43	9 52	22 37	13 54	6 22
S 26	19 28	19 34	4 34	22 16	0 10	21 40	0 45	23 58	0 31	2 16	1 13	7 17	1 59	20 58	0 35	21 56	0 44	2 29	14 52	9 38	9 50	22 35	13 52	6 22
M27	19 15	15 3	4 3	22 15	0n 3	21 28	0 47	23 58	0 32	2 20	1 13	7 15	1 59	20 58	0 35	21 56	0 44	2 29	14 52	9 34	9 49	22 33	13 51	6 22
T 28	19 1	9 58	3 22	22 12	0 15	21 15	0 49	23 58	0 32	2 23	1 13	7 12	1 59	20 59	0 35	21 55	0 44	2 30	14 51	9 31	9 48	22 31	13 49	6 22
W29	18 47	4 29	2 31	22 7	0 26	21 1	0 51	23 57	0 33	2 27	1 13	7 10	1 59	20 59	0 35	21 55	0 44	2 30	14 51	9 28	9 47	22 29	13 48	6 22
T 30	18 33	1n14	1 32	21 59	0 37	20 47	0 53	23 57	0 34	2 30	1 12	7 7	1 59	21 0	0 35	21 55	0 44	2 31	14 50	9 27	9 46	22 27	13 46	6 22
F 31	18n18	7n 0	0s28	21n48	0n47	20n32	0n55	23n56	0n34	2s34	1n12	7n 5	1n59	21s 0	0s35	21n55	0s44	2s31	14n49	9n27	9n45	22s25	13n45	6s22

Julian Day Number = 2358224.5, Delta T = 14.44 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'24, Lahiri = 20°17'24Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1744
geocentric

AUGUST 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 39	8♌55'22	1♉32	27♋44	3♌40	6♋19	9♎25	16♍49	28°R47	14♋58	16♏22	24°D20	25♈ 5	10♒34	1♌ 8	S 1
S 2	20 43 35	9°52'50	14°28	29°43	4°54	6°59	9°34	16°56	28♑45	15° 0	16°22	24°R20	25° 2	10°41	1°15	S 2
M 3	20 47 32	10°50'19	27°48	1♌44	6° 8	7°38	9°43	17° 2	28°42	15° 2	16°22	24♈19	24°59	10°47	1°23	M 3
T 4	20 51 28	11°47'50	11♊37	3°46	7°22	8°18	9°52	17° 9	28°40	15° 5	16°23	24°16	24°56	10°54	1°30	T 4
W 5	20 55 25	12°45'22	25°54	5°49	8°36	8°57	10° 2	17°15	28°38	15° 7	16°23	24°11	24°52	11° 1	1°37	W 5
T 6	20 59 22	13°42'56	10♋39	7°52	9°50	9°37	10°11	17°22	28°35	15° 9	16°23	24° 3	24°49	11° 8	1°44	T 6
F 7	21 3 18	14°40'31	25°44	9°56	11° 4	10°16	10°21	17°29	28°33	15°11	16°24	23°54	24°46	11°14	1°52	F 7
S 8	21 7 15	15°38'07	11♌ 0	12° 0	12°18	10°56	10°31	17°35	28°31	15°13	16°24	23°44	24°43	11°21	1°59	S 8
S 9	21 11 11	16°35'44	26°18	14° 3	13°33	11°35	10°41	17°42	28°29	15°15	16°24	23°34	24°40	11°28	2° 6	S 9
M10	21 15 8	17°33'22	11♍25	16° 5	14°47	12°14	10°51	17°49	28°26	15°17	16°25	23°27	24°37	11°34	2°13	M10
T 11	21 19 4	18°31'02	26°13	18° 7	16° 1	12°53	11° 1	17°56	28°24	15°18	16°25	23°22	24°33	11°41	2°20	T 11
W12	21 23 1	19°28'42	10♎34	20° 8	17°15	13°32	11°11	18° 3	28°22	15°20	16°26	23°19	24°30	11°48	2°28	W12
T 13	21 26 58	20°26'24	24°28	22° 9	18°29	14°11	11°21	18°10	28°20	15°22	16°26	23°D19	24°27	11°55	2°35	T 13
F 14	21 30 54	21°24'06	7♏54	24° 8	19°43	14°50	11°31	18°17	28°18	15°24	16°27	23°19	24°24	12° 1	2°42	F 14
S 15	21 34 51	22°21'50	20°55	26° 5	20°58	15°29	11°42	18°24	28°15	15°26	16°28	23°R20	24°21	12° 8	2°49	S 15
S 16	21 38 47	23°19'35	3♐34	28° 2	22°12	16° 8	11°52	18°31	28°13	15°28	16°28	23°19	24°18	12°15	2°56	S 16
M17	21 42 44	24°17'21	15°56	29°57	23°26	16°47	12° 2	18°38	28°11	15°30	16°29	23°17	24°14	12°21	3° 3	M17
T 18	21 46 40	25°15'08	28° 6	1♍51	24°40	17°26	12°13	18°45	28° 9	15°32	16°30	23°12	24°11	12°28	3°10	T 18
W19	21 50 37	26°12'57	10♑ 7	3°44	25°55	18° 4	12°24	18°52	28° 7	15°33	16°31	23° 5	24° 8	12°35	3°17	W19
T 20	21 54 33	27°10'46	22° 3	5°36	27° 9	18°43	12°35	18°59	28° 5	15°35	16°31	22°56	24° 5	12°42	3°24	T 20
F 21	21 58 30	28° 8'37	3♒56	7°26	28°23	19°22	12°45	19° 6	28° 3	15°37	16°32	22°46	24° 2	12°48	3°31	F 21
S 22	22 2 27	29° 6'30	15°48	9°14	29°38	20° 0	12°56	19°13	28° 1	15°39	16°33	22°36	23°58	12°55	3°38	S 22
S 23	22 6 23	0♍ 4'24	27°41	11° 2	0♍52	20°39	13° 7	19°20	27°59	15°40	16°34	22°26	23°55	13° 2	3°45	S 23
M24	22 10 20	1° 2'19	9♓38	12°48	2° 6	21°17	13°18	19°28	27°57	15°42	16°35	22°18	23°52	13° 8	3°52	M24
T 25	22 14 16	2° 0'16	21°38	14°32	3°21	21°56	13°30	19°35	27°56	15°44	16°36	22°12	23°49	13°15	3°59	T 25
W26	22 18 13	2°58'14	3♈45	16°16	4°35	22°34	13°41	19°42	27°54	15°45	16°37	22° 8	23°46	13°22	4° 6	W26
T 27	22 22 9	3°56'15	15°59	17°58	5°50	23°12	13°52	19°49	27°52	15°47	16°38	22° 6	23°43	13°29	4°12	T 27
F 28	22 26 6	4°54'17	28°25	19°39	7° 4	23°50	14° 3	19°57	27°50	15°49	16°39	22°D 6	23°39	13°35	4°19	F 28
S 29	22 30 2	5°52'21	11♉ 5	21°19	8°18	24°29	14°15	20° 4	27°48	15°50	16°40	22° 7	23°36	13°42	4°26	S 29
S 30	22 33 59	6°50'27	24° 3	22°57	9°33	25° 7	14°26	20°11	27°47	15°52	16°41	22° 8	23°33	13°49	4°32	S 30
M31	22 37 55	7♍48'35	7♊21	24♍34	10♍47	25♋45	14♎38	20♍19	27♑45	15♋53	16♏42	22°R 9	23♈30	13♒55	4♌39	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 3	12n37	0n38	21n34	0n57	20n17	0n57	23n54	0n35	2s38	1n12	7n 2	1n59	21s 1	0s35	21n54	0s44	2s32	14n49	9n27	9n43	22s23	13n43	6s22
S 2	17 48	17 52	1 45	21 18	1 5	20 1	0 58	23 53	0 36	2 42	1 12	6 59	1 59	21 1	0 35	21 54	0 44	2 33	14 48	9 27	9 42	22 21	13 41	6 22
M 3	17 32	22 25	2 48	20 59	1 13	19 44	1 0	23 52	0 36	2 45	1 12	6 57	1 59	21 2	0 35	21 54	0 44	2 33	14 48	9 26	9 41	22 19	13 40	6 22
T 4	17 17	25 54	3 43	20 38	1 20	19 27	1 2	23 50	0 37	2 49	1 11	6 54	1 59	21 2	0 35	21 54	0 44	2 34	14 47	9 25	9 40	22 17	13 38	6 22
W 5	17 0	27 51	4 27	20 14	1 26	19 9	1 3	23 48	0 38	2 53	1 11	6 52	1 59	21 3	0 35	21 54	0 44	2 34	14 47	9 23	9 39	22 14	13 36	6 22
T 6	16 44	27 56	4 54	19 48	1 31	18 51	1 5	23 46	0 38	2 57	1 11	6 49	1 59	21 3	0 35	21 53	0 44	2 35	14 46	9 20	9 38	22 12	13 35	6 23
F 7	16 27	25 58	5 2	19 19	1 36	18 32	1 6	23 44	0 39	3 1	1 11	6 46	1 58	21 4	0 35	21 53	0 44	2 36	14 45	9 17	9 36	22 10	13 33	6 23
S 8	16 10	22 7	4 49	18 49	1 39	18 13	1 8	23 41	0 40	3 5	1 11	6 44	1 58	21 4	0 35	21 53	0 44	2 36	14 45	9 13	9 35	22 8	13 31	6 23
S 9	15 53	16 45	4 15	18 16	1 42	17 53	1 9	23 38	0 40	3 9	1 11	6 41	1 58	21 4	0 35	21 53	0 44	2 37	14 44	9 10	9 34	22 6	13 30	6 23
M10	15 36	10 25	3 23	17 42	1 44	17 33	1 11	23 36	0 41	3 13	1 10	6 38	1 58	21 5	0 35	21 52	0 44	2 38	14 44	9 7	9 33	22 4	13 28	6 23
T 11	15 18	3 38	2 19	17 5	1 45	17 12	1 12	23 32	0 42	3 17	1 10	6 35	1 58	21 5	0 35	21 52	0 44	2 38	14 43	9 5	9 32	22 2	13 26	6 23
W12	15 0	3s10	1 7	16 28	1 46	16 51	1 13	23 29	0 42	3 21	1 10	6 33	1 58	21 6	0 35	21 52	0 44	2 39	14 43	9 4	9 31	21 59	13 25	6 23
T 13	14 42	9 35	0s 6	15 49	1 46	16 29	1 14	23 26	0 43	3 25	1 10	6 30	1 58	21 6	0 35	21 52	0 44	2 40	14 42	9 4	9 29	21 57	13 23	6 24
F 14	14 23	15 23	1 17	15 9	1 45	16 7	1 15	23 22	0 44	3 30	1 10	6 27	1 58	21 7	0 35	21 52	0 44	2 40	14 42	9 4	9 28	21 55	13 21	6 24
S 15	14 5	20 17	2 22	14 28	1 44	15 44	1 16	23 18	0 44	3 34	1 10	6 24	1 58	21 7	0 35	21 51	0 44	2 41	14 41	9 5	9 27	21 53	13 20	6 24
S 16	13 46	24 8	3 18	13 46	1 42	15 21	1 17	23 15	0 45	3 38	1 9	6 22	1 58	21 8	0 35	21 51	0 44	2 42	14 40	9 4	9 26	21 51	13 18	6 24
M17	13 27	26 45	4 3	13 3	1 39	14 58	1 18	23 10	0 46	3 42	1 9	6 19	1 58	21 8	0 35	21 51	0 44	2 42	14 40	9 3	9 25	21 49	13 16	6 24
T 18	13 7	28 4	4 36	12 20	1 36	14 34	1 19	23 6	0 46	3 47	1 9	6 16	1 58	21 8	0 35	21 51	0 44	2 43	14 39	9 2	9 24	21 46	13 14	6 24
W19	12 48	28 1	4 57	11 36	1 33	14 9	1 20	23 2	0 47	3 51	1 9	6 13	1 58	21 9	0 35	21 50	0 44	2 44	14 39	8 59	9 22	21 44	13 12	6 25
T 20	12 28	26 40	5 5	10 51	1 29	13 45	1 21	22 57	0 48	3 55	1 9	6 10	1 58	21 9	0 35	21 50	0 44	2 45	14 38	8 56	9 21	21 42	13 11	6 25
F 21	12 8	24 8	4 59	10 6	1 24	13 19	1 21	22 52	0 48	4 0	1 9	6 8	1 58	21 10	0 35	21 50	0 44	2 45	14 38	8 52	9 20	21 40	13 9	6 25
S 22	11 48	20 35	4 40	9 21	1 20	12 54	1 22	22 47	0 49	4 4	1 9	6 5	1 58	21 10	0 35	21 50	0 44	2 46	14 37	8 48	9 19	21 37	13 7	6 25
S 23	11 28	16 12	4 10	8 36	1 15	12 28	1 23	22 42	0 50	4 8	1 8	6 2	1 58	21 10	0 35	21 50	0 44	2 47	14 37	8 45	9 18	21 35	13 5	6 26
M24	11 7	11 11	3 28	7 50	1 9	12 2	1 23	22 37	0 50	4 13	1 8	5 59	1 58	21 11	0 35	21 49	0 44	2 48	14 36	8 42	9 17	21 33	13 4	6 26
T 25	10 47	5 43	2 36	7 4	1 4	11 36	1 24	22 31	0 51	4 17	1 8	5 56	1 58	21 11	0 35	21 49	0 44	2 48	14 36	8 39	9 15	21 31	13 2	6 26
W26	10 26	0n 0	1 37	6 19	0 58	11 9	1 24	22 26	0 52	4 22	1 8	5 53	1 58	21 11	0 35	21 49	0 44	2 49	14 35	8 38	9 14	21 28	13 0	6 26
T 27	10 5	5 48	0 33	5 33	0 51	10 42	1 24	22 20	0 52	4 26	1 8	5 50	1 58	21 12	0 35	21 49	0 44	2 50	14 35	8 37	9 13	21 26	12 58	6 27
F 28	9 44	11 28	0n34	4 47	0 45	10 14	1 25	22 14	0 53	4 31	1 8	5 48	1 58	21 12	0 35	21 49	0 44	2 51	14 34	8 37	9 12	21 24	12 56	6 27
S 29	9 22	16 46	1 41	4 2	0 38	9 47	1 25	22 8	0 54	4 35	1 8	5 45	1 58	21 12	0 35	21 48	0 44	2 52	14 33	8 37	9 11	21 22	12 54	6 27
S 30	9 1	21 28	2 44	3 17	0 31	9 19	1 25	22 2	0 54	4 40	1 8	5 42	1 58	21 13	0 35	21 48	0 44	2 52	14 33	8 38	9 10	21 19	12 53	6 28
M31	8n39	25n11	3n40	2n32	0n24	8n50	1n25	21n56	0n55	4s44	1n 7	5n39	1n58	21s13	0s35	21n48	0s44	2s53	14n32	8n38	9n 8	21s17	12n51	6s28

Julian Day Number = 2358255.5, Delta T = 14.46 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'28, Lahiri = 20°17'29Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

SEPTEMBER 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 52	8♍46'46	21♊ 3	26♍10	12♍ 2	26♋23	14♎49	20♍26	27°R43	15♋55	16♏43	22°R 8	23♈27	14♒ 2	4♌46	T 1
W 2	22 45 49	9°44'58	5♋10	27°45	13°16	27° 1	15° 1	20°34	27♉42	15°56	16°45	22♈ 6	23°24	14° 9	4°52	W 2
T 3	22 49 45	10°43'12	19°40	29°18	14°31	27°38	15°13	20°41	27°40	15°58	16°46	22° 2	23°20	14°16	4°59	T 3
F 4	22 53 42	11°41'29	4♌29	0♎51	15°45	28°16	15°25	20°48	27°39	15°59	16°47	21°56	23°17	14°22	5° 5	F 4
S 5	22 57 38	12°39'47	19°32	2°22	17° 0	28°54	15°36	20°56	27°37	16° 1	16°48	21°50	23°14	14°29	5°12	S 5
S 6	23 1 35	13°38'07	4♍40	3°52	18°15	29°32	15°48	21° 3	27°36	16° 2	16°50	21°45	23°11	14°36	5°18	S 6
M 7	23 5 31	14°36'29	19°41	5°21	19°29	0♌ 9	16° 0	21°11	27°35	16° 3	16°51	21°40	23° 8	14°42	5°24	M 7
T 8	23 9 28	15°34'53	4♎28	6°49	20°44	0°47	16°12	21°18	27°33	16° 5	16°52	21°38	23° 4	14°49	5°31	T 8
W 9	23 13 24	16°33'19	18°53	8°15	21°58	1°25	16°24	21°26	27°32	16° 6	16°54	21°D36	23° 1	14°56	5°37	W 9
T 10	23 17 21	17°31'46	2♏53	9°40	23°13	2° 2	16°36	21°33	27°31	16° 7	16°55	21°37	22°58	15° 3	5°43	T 10
F 11	23 21 18	18°30'15	16°25	11° 4	24°28	2°39	16°49	21°41	27°29	16° 8	16°57	21°38	22°55	15° 9	5°49	F 11
S 12	23 25 14	19°28'46	29°31	12°27	25°42	3°17	17° 1	21°48	27°28	16°10	16°58	21°40	22°52	15°16	5°55	S 12
S 13	23 29 11	20°27'18	12♐15	13°48	26°57	3°54	17°13	21°56	27°27	16°11	17° 0	21°41	22°49	15°23	6° 1	S 13
M14	23 33 7	21°25'52	24°39	15° 9	28°11	4°31	17°25	22° 3	27°26	16°12	17° 1	21°R41	22°45	15°29	6° 7	M14
T 15	23 37 4	22°24'28	6♑49	16°27	29°26	5° 8	17°38	22°11	27°25	16°13	17° 3	21°40	22°42	15°36	6°13	T 15
W16	23 41 0	23°23'05	18°49	17°44	0♎41	5°45	17°50	22°18	27°24	16°14	17° 5	21°38	22°39	15°43	6°19	W16
T 17	23 44 57	24°21'44	0♒43	19° 0	1°55	6°22	18° 2	22°25	27°23	16°15	17° 6	21°34	22°36	15°50	6°25	T 17
F 18	23 48 53	25°20'25	12°34	20°14	3°10	6°59	18°15	22°33	27°22	16°16	17° 8	21°30	22°33	15°56	6°31	F 18
S 19	23 52 50	26°19'08	24°27	21°27	4°25	7°36	18°27	22°40	27°21	16°17	17°10	21°26	22°30	16° 3	6°37	S 19
S 20	23 56 47	27°17'52	6♓24	22°38	5°39	8°13	18°40	22°48	27°20	16°18	17°11	21°22	22°26	16°10	6°42	S 20
M21	0 0 43	28°16'39	18°27	23°47	6°54	8°50	18°52	22°55	27°19	16°19	17°13	21°18	22°23	16°16	6°48	M21
T 22	0 4 40	29°15'27	0♈38	24°54	8° 9	9°26	19° 5	23° 3	27°19	16°20	17°15	21°16	22°20	16°23	6°53	T 22
W23	0 8 36	0♎14'17	12°57	25°59	9°23	10° 3	19°18	23°10	27°18	16°21	17°17	21°14	22°17	16°30	6°59	W23
T 24	0 12 33	1°13'09	25°27	27° 1	10°38	10°40	19°30	23°18	27°17	16°22	17°18	21°D14	22°14	16°36	7° 4	T 24
F 25	0 16 29	2°12'04	8♉ 9	28° 1	11°53	11°16	19°43	23°25	27°17	16°23	17°20	21°15	22°10	16°43	7°10	F 25
S 26	0 20 26	3°11'01	21° 4	28°59	13° 7	11°53	19°56	23°33	27°16	16°24	17°22	21°16	22° 7	16°50	7°15	S 26
S 27	0 24 22	4°10'00	4♊13	29°54	14°22	12°29	20° 8	23°40	27°16	16°24	17°24	21°18	22° 4	16°57	7°20	S 27
M28	0 28 19	5° 9'01	17°38	0♏46	15°37	13° 5	20°21	23°47	27°15	16°25	17°26	21°19	22° 1	17° 3	7°25	M28
T 29	0 32 16	6° 8'05	1♋20	1°34	16°52	13°42	20°34	23°55	27°15	16°26	17°28	21°R19	21°58	17°10	7°30	T 29
W30	0 36 12	7♎ 7'11	15♋19	2♏19	18♎ 6	14♌18	20♎47	24♍ 2	27♉14	16♋26	17♏30	21♈19	21♈55	17♒17	7♌35	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n17	27n35	4n25	1n47	0n17	8n22	1n25	21n49	0n56	4s49	1n 7	5n36	1n58	21s13	0s35	21n48	0s44	2s54	14n32	8n38	9n 7	21s15	12n49	6s28
W 2	7 56	28 18	4 56	1 2	0 9	7 53	1 25	21 42	0 56	4 54	1 7	5 33	1 58	21 14	0 35	21 48	0 44	2 55	14 31	8 37	9 6	21 13	12 47	6 29
T 3	7 33	27 8	5 9	0 18	0 2	7 24	1 25	21 36	0 57	4 58	1 7	5 30	1 58	21 14	0 35	21 48	0 44	2 56	14 31	8 35	9 5	21 10	12 45	6 29
F 4	7 11	24 3	5 2	0s26	0s 6	6 55	1 24	21 29	0 58	5 3	1 7	5 27	1 58	21 14	0 35	21 47	0 44	2 56	14 30	8 33	9 4	21 8	12 43	6 29
S 5	6 49	19 19	4 34	1 9	0 14	6 26	1 24	21 22	0 58	5 7	1 7	5 24	1 58	21 15	0 35	21 47	0 44	2 57	14 30	8 31	9 2	21 6	12 42	6 30
S 6	6 27	13 20	3 47	1 52	0 21	5 56	1 24	21 14	0 59	5 12	1 7	5 21	1 58	21 15	0 35	21 47	0 44	2 58	14 29	8 29	9 1	21 3	12 40	6 30
M 7	6 4	6 37	2 45	2 35	0 29	5 27	1 23	21 7	1 0	5 17	1 7	5 18	1 58	21 15	0 35	21 47	0 44	2 59	14 29	8 28	9 0	21 1	12 38	6 30
T 8	5 42	0s22	1 32	3 17	0 37	4 57	1 23	20 59	1 0	5 22	1 7	5 16	1 58	21 15	0 35	21 47	0 44	3 0	14 28	8 27	8 59	20 59	12 36	6 31
W 9	5 19	7 11	0 15	3 58	0 45	4 27	1 22	20 52	1 1	5 26	1 6	5 13	1 58	21 16	0 35	21 46	0 44	3 1	14 28	8 26	8 58	20 56	12 34	6 31
T 10	4 56	13 27	1s 1	4 39	0 53	3 57	1 22	20 44	1 2	5 31	1 6	5 10	1 58	21 16	0 35	21 46	0 44	3 1	14 27	8 26	8 57	20 54	12 32	6 31
F 11	4 33	18 52	2 11	5 20	1 1	3 27	1 21	20 36	1 2	5 36	1 6	5 7	1 58	21 16	0 35	21 46	0 44	3 2	14 27	8 27	8 55	20 52	12 31	6 32
S 12	4 10	23 12	3 12	5 59	1 9	2 56	1 20	20 28	1 3	5 41	1 6	5 4	1 58	21 16	0 35	21 46	0 44	3 3	14 27	8 27	8 54	20 49	12 29	6 32
S 13	3 47	26 18	4 2	6 39	1 17	2 26	1 20	20 20	1 4	5 45	1 6	5 1	1 58	21 16	0 35	21 46	0 44	3 4	14 26	8 28	8 53	20 47	12 27	6 33
M14	3 24	28 1	4 39	7 17	1 25	1 56	1 19	20 12	1 4	5 50	1 6	4 58	1 58	21 17	0 35	21 46	0 44	3 5	14 26	8 28	8 52	20 45	12 25	6 33
T 15	3 1	28 20	5 3	7 55	1 33	1 25	1 18	20 4	1 5	5 55	1 6	4 55	1 58	21 17	0 35	21 46	0 44	3 6	14 25	8 28	8 51	20 42	12 23	6 33
W16	2 38	27 18	5 12	8 32	1 41	0 54	1 17	19 55	1 6	6 0	1 6	4 52	1 58	21 17	0 35	21 45	0 44	3 7	14 25	8 27	8 49	20 40	12 21	6 34
T 17	2 15	25 3	5 9	9 8	1 49	0 24	1 16	19 47	1 6	6 4	1 6	4 49	1 58	21 17	0 35	21 45	0 44	3 7	14 24	8 25	8 48	20 38	12 19	6 34
F 18	1 51	21 43	4 52	9 43	1 57	0s 7	1 15	19 38	1 7	6 9	1 6	4 46	1 58	21 17	0 35	21 45	0 44	3 8	14 24	8 24	8 47	20 35	12 18	6 35
S 19	1 28	17 31	4 23	10 18	2 4	0 38	1 14	19 29	1 8	6 14	1 5	4 43	1 58	21 17	0 35	21 45	0 44	3 9	14 23	8 22	8 46	20 33	12 16	6 35
S 20	1 5	12 36	3 42	10 51	2 12	1 8	1 13	19 20	1 8	6 19	1 5	4 40	1 58	21 18	0 35	21 45	0 44	3 10	14 23	8 21	8 45	20 30	12 14	6 36
M21	0 41	7 11	2 51	11 24	2 19	1 39	1 11	19 11	1 9	6 24	1 5	4 38	1 58	21 18	0 35	21 45	0 44	3 11	14 23	8 19	8 44	20 28	12 12	6 36
T 22	0 18	1 27	1 51	11 55	2 26	2 10	1 10	19 2	1 10	6 29	1 5	4 35	1 59	21 18	0 35	21 45	0 44	3 12	14 22	8 18	8 42	20 26	12 10	6 37
W23	0s 6	4n26	0 45	12 25	2 33	2 41	1 9	18 53	1 10	6 33	1 5	4 32	1 59	21 18	0 35	21 44	0 44	3 13	14 22	8 18	8 41	20 23	12 9	6 37
T 24	0 29	10 13	0n23	12 55	2 40	3 11	1 7	18 44	1 11	6 38	1 5	4 29	1 59	21 18	0 35	21 44	0 44	3 13	14 21	8 18	8 40	20 21	12 7	6 38
F 25	0 53	15 42	1 32	13 22	2 46	3 42	1 6	18 34	1 12	6 43	1 5	4 26	1 59	21 18	0 35	21 44	0 44	3 14	14 21	8 18	8 39	20 18	12 5	6 38
S 26	1 16	20 35	2 37	13 49	2 52	4 12	1 4	18 25	1 12	6 48	1 5	4 23	1 59	21 18	0 35	21 44	0 44	3 15	14 21	8 19	8 38	20 16	12 3	6 39
S 27	1 40	24 33	3 36	14 14	2 58	4 43	1 3	18 15	1 13	6 53	1 5	4 20	1 59	21 18	0 35	21 44	0 44	3 16	14 20	8 19	8 36	20 14	12 1	6 39
M28	2 3	27 16	4 23	14 37	3 4	5 13	1 1	18 5	1 14	6 58	1 5	4 17	1 59	21 18	0 35	21 44	0 44	3 17	14 20	8 19	8 35	20 11	12 0	6 40
T 29	2 26	28 25	4 57	14 59	3 9	5 43	0 59	17 56	1 14	7 3	1 5	4 15	1 59	21 19	0 35	21 44	0 44	3 18	14 19	8 20	8 34	20 9	11 58	6 40
W30	2s50	27n48	5n14	15s19	3s13	6s13	0n57	17n46	1n15	7s 8	1n 5	4n12	1n59	21s19	0s35	21n44	0s44	3s19	14n19	8n20	8n33	20s 6	11n56	6s41

Julian Day Number = 2358286.5, Delta T = 14.49 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'32, Lahiri = 20°17'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

OCTOBER 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 9	8♎ 6'19	29♋34	3♏ 0	19♎21	14♌54	21♎ 0	24♍10	27°R14	16♋27	17♏32	21°R19	21♈51	17♒23	7♌40	T 1
F 2	0 44 5	9° 5'30	14♌ 3	3°36	20°36	15°30	21°13	24°17	27♉14	16°28	17°34	21♈17	21°48	17°30	7°45	F 2
S 3	0 48 2	10° 4'43	28°42	4° 8	21°50	16° 6	21°26	24°24	27°14	16°28	17°36	21°16	21°45	17°37	7°50	S 3
S 4	0 51 58	11° 3'59	13♍26	4°35	23° 5	16°42	21°38	24°31	27°14	16°29	17°38	21°15	21°42	17°44	7°55	S 4
M 5	0 55 55	12° 3'16	28° 7	4°56	24°20	17°17	21°51	24°39	27°13	16°29	17°40	21°14	21°39	17°50	7°59	M 5
T 6	0 59 51	13° 2'36	12♎38	5°11	25°35	17°53	22° 4	24°46	27°13	16°30	17°42	21°13	21°35	17°57	8° 4	T 6
W 7	1 3 48	14° 1'57	26°54	5°20	26°49	18°29	22°17	24°53	27°D13	16°30	17°44	21°D13	21°32	18° 4	8° 9	W 7
T 8	1 7 45	15° 1'21	10♏50	5°R21	28° 4	19° 4	22°30	25° 0	27°13	16°31	17°46	21°13	21°29	18°10	8°13	T 8
F 9	1 11 41	16° 0'47	24°23	5°15	29°19	19°40	22°43	25° 8	27°14	16°31	17°48	21°14	21°26	18°17	8°17	F 9
S 10	1 15 38	17° 0'14	7♐33	5° 2	0♏34	20°15	22°56	25°15	27°14	16°31	17°50	21°14	21°23	18°24	8°22	S 10
S 11	1 19 34	17°59'44	20°20	4°39	1°49	20°51	23° 9	25°22	27°14	16°32	17°52	21°15	21°20	18°31	8°26	S 11
M12	1 23 31	18°59'15	2♑48	4° 9	3° 3	21°26	23°22	25°29	27°14	16°32	17°55	21°15	21°16	18°37	8°30	M12
T 13	1 27 27	19°58'48	15° 0	3°30	4°18	22° 1	23°35	25°36	27°14	16°32	17°57	21°15	21°13	18°44	8°34	T 13
W14	1 31 24	20°58'23	27° 1	2°42	5°33	22°36	23°48	25°43	27°15	16°32	17°59	21°15	21°10	18°51	8°38	W14
T 15	1 35 20	21°57'59	8♒55	1°47	6°48	23°11	24° 2	25°50	27°15	16°33	18° 1	21°15	21° 7	18°57	8°42	T 15
F 16	1 39 17	22°57'37	20°47	0°45	8° 2	23°46	24°15	25°57	27°16	16°33	18° 3	21°15	21° 4	19° 4	8°45	F 16
S 17	1 43 14	23°57'17	2♓41	29♎36	9°17	24°21	24°28	26° 4	27°16	16°33	18° 6	21°16	21° 1	19°11	8°49	S 17
S 18	1 47 10	24°56'59	14°41	28°24	10°32	24°56	24°41	26°11	27°17	16°33	18° 8	21°16	20°57	19°17	8°53	S 18
M19	1 51 7	25°56'43	26°50	27° 9	11°46	25°30	24°54	26°18	27°17	16°R33	18°10	21°16	20°54	19°24	8°56	M19
T 20	1 55 3	26°56'28	9♈12	25°53	13° 1	26° 5	25° 7	26°25	27°18	16°33	18°12	21°17	20°51	19°31	8°59	T 20
W21	1 59 0	27°56'15	21°46	24°40	14°16	26°39	25°20	26°31	27°19	16°33	18°15	21°R17	20°48	19°38	9° 3	W21
T 22	2 2 56	28°56'04	4♉36	23°30	15°31	27°14	25°33	26°38	27°19	16°33	18°17	21°17	20°45	19°44	9° 6	T 22
F 23	2 6 53	29°55'56	17°40	22°27	16°45	27°48	25°46	26°45	27°20	16°33	18°19	21°16	20°41	19°51	9° 9	F 23
S 24	2 10 49	0♏55'49	0♊58	21°33	18° 0	28°22	25°59	26°51	27°21	16°33	18°22	21°15	20°38	19°58	9°12	S 24
S 25	2 14 46	1°55'45	14°30	20°48	19°15	28°57	26°12	26°58	27°22	16°32	18°24	21°14	20°35	20° 4	9°15	S 25
M26	2 18 43	2°55'42	28°13	20°13	20°30	29°31	26°25	27° 5	27°23	16°32	18°26	21°12	20°32	20°11	9°18	M26
T 27	2 22 39	3°55'42	12♋ 7	19°50	21°44	0♍ 5	26°38	27°11	27°24	16°32	18°29	21°11	20°29	20°18	9°21	T 27
W28	2 26 36	4°55'44	26° 9	19°D39	22°59	0°38	26°51	27°18	27°25	16°32	18°31	21°10	20°26	20°25	9°23	W28
T 29	2 30 32	5°55'49	10♌18	19°39	24°14	1°12	27° 4	27°24	27°26	16°31	18°33	21°D10	20°22	20°31	9°26	T 29
F 30	2 34 29	6°55'55	24°31	19°50	25°28	1°46	27°17	27°30	27°27	16°31	18°36	21°11	20°19	20°38	9°28	F 30
S 31	2 38 25	7♏56'03	8♍47	20♎12	26♏43	2♍19	27♎30	27♍37	27♉29	16♋31	18♏38	21♈12	20♈16	20♒45	9♌31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s13	25n22	5n13	15s37	3s17	6s44	0n56	17n36	1n16	7s12	1n 5	4n 9	1n59	21s19	0s35	21n44	0s44	3s19	14n19	8n19	8n32	20s 4	11n54	6s41
F 2	3 37	21 17	4 52	15 52	3 20	7 13	0 54	17 26	1 16	7 17	1 5	4 6	1 59	21 19	0 35	21 44	0 44	3 20	14 18	8 19	8 31	20 1	11 53	6 42
S 3	4 0	15 52	4 11	16 6	3 23	7 43	0 52	17 16	1 17	7 22	1 5	4 3	1 59	21 19	0 35	21 43	0 44	3 21	14 18	8 18	8 29	19 59	11 51	6 42
S 4	4 23	9 31	3 14	16 17	3 25	8 13	0 50	17 5	1 18	7 27	1 4	4 0	1 59	21 19	0 35	21 43	0 44	3 22	14 18	8 18	8 28	19 56	11 49	6 43
M 5	4 46	2 39	2 5	16 25	3 26	8 42	0 48	16 55	1 18	7 32	1 4	3 58	2 0	21 19	0 35	21 43	0 44	3 23	14 17	8 18	8 27	19 54	11 47	6 44
T 6	5 9	4s16	0 47	16 30	3 26	9 11	0 46	16 45	1 19	7 37	1 4	3 55	2 0	21 19	0 35	21 43	0 44	3 24	14 17	8 17	8 26	19 52	11 46	6 44
W 7	5 33	10 52	0s31	16 33	3 25	9 40	0 44	16 35	1 20	7 42	1 4	3 52	2 0	21 19	0 35	21 43	0 44	3 25	14 17	8 17	8 25	19 49	11 44	6 45
T 8	5 56	16 47	1 47	16 31	3 23	10 9	0 42	16 24	1 21	7 47	1 4	3 49	2 0	21 19	0 34	21 43	0 44	3 25	14 16	8 17	8 23	19 47	11 42	6 45
F 9	6 19	21 42	2 54	16 26	3 20	10 38	0 40	16 14	1 21	7 51	1 4	3 46	2 0	21 19	0 34	21 43	0 44	3 26	14 16	8 18	8 22	19 44	11 41	6 46
S 10	6 41	25 22	3 50	16 17	3 15	11 6	0 38	16 3	1 22	7 56	1 4	3 44	2 0	21 18	0 34	21 43	0 44	3 27	14 16	8 18	8 21	19 42	11 39	6 47
S 11	7 4	27 39	4 32	16 3	3 9	11 34	0 35	15 52	1 23	8 1	1 4	3 41	2 0	21 18	0 34	21 43	0 44	3 28	14 15	8 18	8 20	19 39	11 37	6 47
M12	7 27	28 28	5 1	15 45	3 1	12 2	0 33	15 42	1 23	8 6	1 4	3 38	2 0	21 18	0 34	21 43	0 44	3 29	14 15	8 18	8 19	19 37	11 36	6 48
T 13	7 49	27 51	5 15	15 23	2 51	12 29	0 31	15 31	1 24	8 11	1 4	3 36	2 0	21 18	0 34	21 43	0 44	3 30	14 15	8 18	8 17	19 34	11 34	6 48
W14	8 12	25 56	5 16	14 56	2 40	12 56	0 29	15 20	1 25	8 16	1 4	3 33	2 1	21 18	0 34	21 43	0 44	3 31	14 15	8 18	8 16	19 32	11 33	6 49
T 15	8 34	22 55	5 2	14 24	2 26	13 23	0 26	15 9	1 25	8 20	1 4	3 30	2 1	21 18	0 34	21 43	0 45	3 31	14 14	8 18	8 15	19 29	11 31	6 50
F 16	8 56	18 57	4 36	13 48	2 11	13 50	0 24	14 58	1 26	8 25	1 4	3 28	2 1	21 18	0 34	21 43	0 45	3 32	14 14	8 18	8 14	19 27	11 29	6 50
S 17	9 18	14 14	3 58	13 8	1 54	14 16	0 22	14 47	1 27	8 30	1 4	3 25	2 1	21 18	0 34	21 43	0 45	3 33	14 14	8 18	8 13	19 24	11 28	6 51
S 18	9 40	8 57	3 9	12 25	1 36	14 42	0 19	14 36	1 28	8 35	1 4	3 22	2 1	21 18	0 34	21 43	0 45	3 34	14 13	8 18	8 11	19 21	11 26	6 52
M19	10 2	3 16	2 11	11 40	1 17	15 7	0 17	14 25	1 28	8 40	1 4	3 20	2 1	21 18	0 34	21 43	0 45	3 35	14 13	8 19	8 10	19 19	11 25	6 52
T 20	10 24	2n38	1 7	10 54	0 57	15 33	0 14	14 14	1 29	8 44	1 4	3 17	2 1	21 17	0 34	21 43	0 45	3 35	14 13	8 19	8 9	19 16	11 23	6 53
W21	10 45	8 32	0n 3	10 7	0 36	15 57	0 12	14 3	1 30	8 49	1 4	3 15	2 2	21 17	0 34	21 43	0 45	3 36	14 13	8 19	8 8	19 14	11 22	6 54
T 22	11 7	14 13	1 13	9 23	0 15	16 22	0 9	13 52	1 30	8 54	1 4	3 12	2 2	21 17	0 34	21 43	0 45	3 37	14 13	8 19	8 7	19 11	11 20	6 54
F 23	11 28	19 23	2 21	8 40	0n 5	16 46	0 7	13 41	1 31	8 59	1 4	3 9	2 2	21 17	0 34	21 43	0 45	3 38	14 12	8 18	8 5	19 9	11 19	6 55
S 24	11 49	23 41	3 22	8 2	0 24	17 9	0 4	13 30	1 32	9 4	1 4	3 7	2 2	21 17	0 34	21 43	0 45	3 39	14 12	8 18	8 4	19 6	11 18	6 56
S 25	12 10	26 46	4 14	7 28	0 43	17 32	0 2	13 18	1 33	9 8	1 4	3 4	2 2	21 16	0 34	21 43	0 45	3 39	14 12	8 18	8 3	19 4	11 16	6 56
M26	12 30	28 19	4 51	7 0	0 59	17 55	0s 1	13 7	1 33	9 13	1 4	3 2	2 2	21 16	0 34	21 43	0 45	3 40	14 12	8 17	8 2	19 1	11 15	6 57
T 27	12 51	28 6	5 12	6 37	1 15	18 17	0 3	12 56	1 34	9 18	1 4	3 0	2 2	21 16	0 34	21 43	0 45	3 41	14 12	8 17	8 1	18 58	11 13	6 58
W28	13 11	26 6	5 15	6 20	1 28	18 38	0 6	12 44	1 35	9 22	1 4	2 57	2 3	21 16	0 34	21 43	0 45	3 42	14 11	8 16	7 59	18 56	11 12	6 58
T 29	13 31	22 28	4 59	6 10	1 40	19 0	0 8	12 33	1 36	9 27	1 4	2 55	2 3	21 16	0 34	21 43	0 45	3 43	14 11	8 16	7 58	18 53	11 11	6 59
F 30	13 51	17 31	4 24	6 5	1 49	19 20	0 11	12 22	1 36	9 32	1 4	2 52	2 3	21 15	0 34	21 43	0 45	3 43	14 11	8 16	7 57	18 51	11 9	7 0
S 31	14s11	11n35	3n33	6s 5	1n58	19s40	0s14	12n10	1n37	9s36	1n 4	2n50	2n 3	21s15	0s34	21n43	0s45	3s44	14n11	8n17	7n56	18s48	11n 8	7s 0

Julian Day Number = 2358316.5, Delta T = 14.51 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'36, Lahiri = 20°17'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

NOVEMBER 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 22	8♏56'14	23♍ 3	20♎43	27♏58	2♍53	27♎43	27♍43	27♑30	16°R30	18♏41	21♈13	20♈13	20♒51	9♌33	S 1
M 2	2 46 18	9°56'26	7♎15	21°23	29°13	3°26	27°56	27°49	27°31	16♋30	18°43	21°14	20°10	20°58	9°35	M 2
T 3	2 50 15	10°56'41	21°20	22°10	0♐27	4° 0	28° 9	27°55	27°33	16°29	18°45	21°R15	20° 7	21° 5	9°37	T 3
W 4	2 54 12	11°56'57	5♏15	23° 5	1°42	4°33	28°22	28° 1	27°34	16°29	18°48	21°14	20° 3	21°11	9°39	W 4
T 5	2 58 8	12°57'16	18°55	24° 6	2°57	5° 6	28°35	28° 7	27°35	16°28	18°50	21°12	20° 0	21°18	9°41	T 5
F 6	3 2 5	13°57'36	2♐19	25°12	4°12	5°39	28°48	28°13	27°37	16°28	18°53	21° 9	19°57	21°25	9°43	F 6
S 7	3 6 1	14°57'57	15°24	26°23	5°26	6°11	29° 1	28°19	27°38	16°27	18°55	21° 6	19°54	21°32	9°44	S 7
S 8	3 9 58	15°58'21	28°10	27°38	6°41	6°44	29°13	28°25	27°40	16°26	18°57	21° 2	19°51	21°38	9°46	S 8
M 9	3 13 54	16°58'46	10♑38	28°57	7°56	7°17	29°26	28°31	27°42	16°26	19° 0	20°58	19°47	21°45	9°47	M 9
T 10	3 17 51	17°59'12	22°52	0♏18	9°10	7°49	29°39	28°37	27°43	16°25	19° 2	20°54	19°44	21°52	9°49	T 10
W11	3 21 47	18°59'39	4♒53	1°41	10°25	8°21	29°52	28°43	27°45	16°24	19° 5	20°52	19°41	21°58	9°50	W11
T 12	3 25 44	20° 0'08	16°47	3° 7	11°40	8°54	0♏ 4	28°48	27°47	16°24	19° 7	20°D51	19°38	22° 5	9°51	T 12
F 13	3 29 41	21° 0'38	28°38	4°34	12°54	9°26	0°17	28°54	27°49	16°23	19° 9	20°51	19°35	22°12	9°52	F 13
S 14	3 33 37	22° 1'10	10♓32	6° 3	14° 9	9°58	0°30	28°59	27°51	16°22	19°12	20°53	19°32	22°18	9°53	S 14
S 15	3 37 34	23° 1'43	22°32	7°33	15°24	10°29	0°42	29° 5	27°53	16°21	19°14	20°54	19°28	22°25	9°54	S 15
M16	3 41 30	24° 2'17	4♈44	9° 4	16°38	11° 1	0°55	29°10	27°54	16°20	19°17	20°56	19°25	22°32	9°55	M16
T 17	3 45 27	25° 2'52	17°12	10°35	17°53	11°33	1° 7	29°15	27°56	16°19	19°19	20°R57	19°22	22°39	9°55	T 17
W18	3 49 23	26° 3'28	29°58	12° 8	19° 8	12° 4	1°20	29°20	27°59	16°18	19°22	20°57	19°19	22°45	9°56	W18
T 19	3 53 20	27° 4'06	13♉ 5	13°40	20°22	12°35	1°32	29°26	28° 1	16°17	19°24	20°55	19°16	22°52	9°56	T 19
F 20	3 57 16	28° 4'46	26°32	15°13	21°37	13° 6	1°45	29°31	28° 3	16°16	19°26	20°51	19°13	22°59	9°56	F 20
S 21	4 1 13	29° 5'27	10♊17	16°47	22°52	13°37	1°57	29°36	28° 5	16°15	19°29	20°45	19° 9	23° 5	9°57	S 21
S 22	4 5 10	0♐ 6'09	24°18	18°20	24° 6	14° 8	2° 9	29°40	28° 7	16°14	19°31	20°39	19° 6	23°12	9°R57	S 22
M23	4 9 6	1° 6'52	8♋30	19°54	25°21	14°39	2°22	29°45	28° 9	16°13	19°33	20°32	19° 3	23°19	9°57	M23
T 24	4 13 3	2° 7'38	22°47	21°28	26°35	15° 9	2°34	29°50	28°12	16°12	19°36	20°26	19° 0	23°26	9°56	T 24
W25	4 16 59	3° 8'24	7♌ 5	23° 2	27°50	15°40	2°46	29°55	28°14	16°11	19°38	20°22	18°57	23°32	9°56	W25
T 26	4 20 56	4° 9'12	21°21	24°36	29° 4	16°10	2°58	29°59	28°16	16°10	19°41	20°19	18°53	23°39	9°56	T 26
F 27	4 24 52	5°10'02	5♍31	26°10	0♑19	16°40	3°10	0♎ 4	28°19	16° 9	19°43	20°D18	18°50	23°46	9°55	F 27
S 28	4 28 49	6°10'53	19°34	27°44	1°34	17°10	3°22	0° 8	28°21	16° 8	19°45	20°19	18°47	23°52	9°55	S 28
S 29	4 32 45	7°11'46	3♎28	29°18	2°48	17°40	3°34	0°13	28°24	16° 6	19°48	20°20	18°44	23°59	9°54	S 29
M30	4 36 42	8♐12'39	17♎15	0♐52	4♑ 3	18♍ 9	3♏46	0♎17	28♑26	16♋ 5	19♏50	20°R21	18♈41	24♒ 6	9♌53	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s30	5n 3	2n29	6s11	2n 4	20s 0	0s16	11n59	1n38	9s41	1n 4	2n48	2n 3	21s15	0s34	21n43	0s45	3s45	14n11	8n17	7n55	18s45	11n 7	7s 1
M 2	14 49	1s43	1 16	6 21	2 9	20 19	0 19	11 47	1 39	9 46	1 4	2 45	2 3	21 15	0 34	21 43	0 45	3 46	14 11	8 18	7 53	18 43	11 6	7 2
T 3	15 8	8 21	0s 1	6 36	2 12	20 37	0 21	11 36	1 39	9 50	1 4	2 43	2 4	21 14	0 34	21 43	0 45	3 46	14 11	8 18	7 52	18 40	11 4	7 3
W 4	15 27	14 29	1 16	6 54	2 15	20 55	0 24	11 25	1 40	9 55	1 4	2 41	2 4	21 14	0 34	21 43	0 45	3 47	14 10	8 18	7 51	18 38	11 3	7 3
T 5	15 45	19 49	2 27	7 16	2 16	21 13	0 26	11 13	1 41	9 59	1 4	2 39	2 4	21 14	0 34	21 43	0 45	3 48	14 10	8 17	7 50	18 35	11 2	7 4
F 6	16 3	24 2	3 27	7 40	2 15	21 29	0 29	11 2	1 42	10 4	1 4	2 36	2 4	21 13	0 34	21 43	0 45	3 48	14 10	8 16	7 49	18 32	11 1	7 5
S 7	16 21	26 54	4 15	8 7	2 14	21 46	0 32	10 50	1 42	10 9	1 4	2 34	2 4	21 13	0 34	21 43	0 45	3 49	14 10	8 15	7 47	18 30	11 0	7 5
S 8	16 39	28 17	4 49	8 35	2 13	22 1	0 34	10 39	1 43	10 13	1 4	2 32	2 5	21 13	0 34	21 43	0 45	3 50	14 10	8 13	7 46	18 27	10 59	7 6
M 9	16 56	28 10	5 8	9 5	2 10	22 16	0 37	10 28	1 44	10 18	1 4	2 30	2 5	21 12	0 34	21 43	0 45	3 50	14 10	8 12	7 45	18 24	10 58	7 7
T 10	17 13	26 41	5 13	9 37	2 7	22 30	0 39	10 16	1 45	10 22	1 4	2 28	2 5	21 12	0 34	21 43	0 45	3 51	14 10	8 10	7 44	18 22	10 57	7 8
W11	17 30	23 59	5 4	10 10	2 3	22 44	0 42	10 5	1 45	10 26	1 4	2 26	2 5	21 12	0 34	21 43	0 45	3 52	14 10	8 9	7 43	18 19	10 56	7 8
T 12	17 46	20 18	4 42	10 43	1 58	22 57	0 44	9 53	1 46	10 31	1 4	2 24	2 5	21 11	0 34	21 43	0 45	3 53	14 10	8 9	7 41	18 16	10 55	7 9
F 13	18 2	15 50	4 8	11 17	1 53	23 9	0 47	9 42	1 47	10 35	1 4	2 22	2 6	21 11	0 34	21 44	0 45	3 53	14 10	8 9	7 40	18 14	10 54	7 10
S 14	18 18	10 46	3 23	11 51	1 48	23 21	0 49	9 31	1 48	10 40	1 4	2 20	2 6	21 10	0 34	21 44	0 45	3 54	14 10	8 10	7 39	18 11	10 53	7 10
S 15	18 33	5 15	2 29	12 26	1 42	23 31	0 51	9 19	1 49	10 44	1 4	2 18	2 6	21 10	0 34	21 44	0 45	3 54	14 10	8 10	7 38	18 8	10 52	7 11
M16	18 49	0n33	1 27	13 1	1 37	23 42	0 54	9 8	1 49	10 48	1 4	2 16	2 6	21 10	0 34	21 44	0 45	3 55	14 10	8 11	7 37	18 6	10 51	7 12
T 17	19 3	6 27	0 20	13 35	1 30	23 51	0 56	8 57	1 50	10 53	1 4	2 14	2 6	21 9	0 34	21 44	0 45	3 56	14 10	8 11	7 35	18 3	10 50	7 13
W18	19 18	12 15	0n49	14 10	1 24	24 0	0 58	8 45	1 51	10 57	1 4	2 12	2 7	21 9	0 34	21 44	0 45	3 56	14 10	8 11	7 34	18 0	10 49	7 13
T 19	19 32	17 39	1 58	14 44	1 18	24 8	1 1	8 34	1 52	11 1	1 4	2 10	2 7	21 8	0 34	21 44	0 45	3 57	14 10	8 10	7 33	17 58	10 49	7 14
F 20	19 46	22 21	3 1	15 18	1 11	24 15	1 3	8 23	1 53	11 6	1 4	2 8	2 7	21 8	0 34	21 44	0 45	3 58	14 10	8 9	7 32	17 55	10 48	7 15
S 21	19 59	25 55	3 56	15 51	1 4	24 22	1 5	8 12	1 54	11 10	1 4	2 6	2 7	21 7	0 34	21 44	0 45	3 58	14 10	8 7	7 31	17 52	10 47	7 15
S 22	20 12	27 58	4 37	16 24	0 57	24 28	1 7	8 1	1 54	11 14	1 4	2 5	2 8	21 7	0 33	21 44	0 45	3 59	14 10	8 5	7 29	17 50	10 46	7 16
M23	20 25	28 14	5 2	16 56	0 50	24 33	1 9	7 49	1 55	11 18	1 4	2 3	2 8	21 6	0 33	21 45	0 45	3 59	14 10	8 2	7 28	17 47	10 46	7 17
T 24	20 37	26 37	5 9	17 27	0 43	24 37	1 12	7 38	1 56	11 22	1 5	2 1	2 8	21 6	0 33	21 45	0 45	4 0	14 10	8 0	7 27	17 44	10 45	7 18
W25	20 49	23 18	4 56	17 58	0 36	24 41	1 14	7 27	1 57	11 26	1 5	2 0	2 8	21 5	0 33	21 45	0 45	4 0	14 10	7 58	7 26	17 42	10 44	7 18
T 26	21 0	18 35	4 25	18 28	0 29	24 44	1 16	7 16	1 58	11 30	1 5	1 58	2 8	21 5	0 33	21 45	0 45	4 1	14 10	7 57	7 25	17 39	10 44	7 19
F 27	21 12	12 53	3 38	18 58	0 22	24 46	1 18	7 5	1 59	11 34	1 5	1 57	2 9	21 4	0 33	21 45	0 45	4 1	14 10	7 57	7 23	17 36	10 43	7 20
S 28	21 22	6 34	2 38	19 26	0 15	24 47	1 19	6 54	1 59	11 39	1 5	1 55	2 9	21 4	0 33	21 45	0 45	4 2	14 10	7 57	7 22	17 33	10 43	7 20
S 29	21 33	0s 1	1 30	19 54	0 8	24 48	1 21	6 44	2 0	11 43	1 5	1 53	2 9	21 3	0 33	21 45	0 45	4 2	14 10	7 58	7 21	17 31	10 42	7 21
M30	21s43	6s32	0n17	20s20	0n 1	24s48	1s23	6n33	2n 1	11s46	1n 5	1n52	2n 9	21s 3	0s33	21n46	0s45	4s 3	14n10	7n58	7n20	17s28	10n42	7s22

Julian Day Number = 2358347.5, Delta T = 14.53 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'41, Lahiri = 20°17'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1744
geocentric

DECEMBER 1744 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 39	9♐13'35	0♏52	2♐26	5♑17	18♍39	3♏58	0♎21	28♑29	16°R 4	19♏52	20°R21	18♈38	24♒12	9°R52	T 1
W 2	4 44 35	10°14'31	14°20	4° 0	6°32	19° 8	4°10	0°25	28°31	16♋ 3	19°55	20♈18	18°34	24°19	9♌51	W 2
T 3	4 48 32	11°15'29	27°37	5°34	7°46	19°37	4°21	0°29	28°34	16° 1	19°57	20°13	18°31	24°26	9°50	T 3
F 4	4 52 28	12°16'28	10♐42	7° 8	9° 1	20° 6	4°33	0°33	28°37	16° 0	19°59	20° 5	18°28	24°32	9°49	F 4
S 5	4 56 25	13°17'27	23°33	8°42	10°15	20°35	4°45	0°37	28°39	15°59	20° 1	19°56	18°25	24°39	9°48	S 5
S 6	5 0 21	14°18'28	6♑11	10°16	11°30	21° 3	4°56	0°41	28°42	15°57	20° 4	19°45	18°22	24°46	9°46	S 6
M 7	5 4 18	15°19'30	18°34	11°50	12°44	21°31	5° 8	0°44	28°45	15°56	20° 6	19°35	18°19	24°53	9°45	M 7
T 8	5 8 14	16°20'32	0♒45	13°24	13°59	22° 0	5°19	0°48	28°48	15°54	20° 8	19°25	18°15	24°59	9°43	T 8
W 9	5 12 11	17°21'34	12°45	14°58	15°13	22°27	5°30	0°51	28°50	15°53	20°10	19°17	18°12	25° 6	9°42	W 9
T 10	5 16 8	18°22'38	24°38	16°32	16°27	22°55	5°42	0°55	28°53	15°52	20°13	19°11	18° 9	25°13	9°40	T 10
F 11	5 20 4	19°23'41	6♓27	18° 7	17°42	23°23	5°53	0°58	28°56	15°50	20°15	19° 8	18° 6	25°19	9°38	F 11
S 12	5 24 1	20°24'45	18°18	19°41	18°56	23°50	6° 4	1° 1	28°59	15°49	20°17	19°D 7	18° 3	25°26	9°36	S 12
S 13	5 27 57	21°25'50	0♈16	21°16	20°11	24°17	6°15	1° 4	29° 2	15°47	20°19	19° 7	17°59	25°33	9°34	S 13
M14	5 31 54	22°26'55	12°26	22°50	21°25	24°44	6°26	1° 7	29° 5	15°46	20°21	19° 8	17°56	25°39	9°32	M14
T 15	5 35 50	23°28'00	24°53	24°25	22°39	25°10	6°37	1°10	29° 8	15°44	20°23	19°R 8	17°53	25°46	9°29	T 15
W16	5 39 47	24°29'05	7♉43	26° 0	23°53	25°37	6°47	1°13	29°11	15°42	20°25	19° 6	17°50	25°53	9°27	W16
T 17	5 43 43	25°30'11	20°58	27°35	25° 8	26° 3	6°58	1°15	29°14	15°41	20°28	19° 2	17°47	26° 0	9°24	T 17
F 18	5 47 40	26°31'17	4♊38	29°11	26°22	26°29	7° 9	1°18	29°17	15°39	20°30	18°56	17°44	26° 6	9°22	F 18
S 19	5 51 37	27°32'24	18°44	0♑46	27°36	26°54	7°19	1°20	29°20	15°38	20°32	18°46	17°40	26°13	9°19	S 19
S 20	5 55 33	28°33'31	3♋11	2°22	28°50	27°20	7°30	1°23	29°23	15°36	20°34	18°36	17°37	26°20	9°16	S 20
M21	5 59 30	29°34'38	17°51	3°58	0♒ 4	27°45	7°40	1°25	29°27	15°35	20°36	18°24	17°34	26°26	9°14	M21
T 22	6 3 26	0♑35'46	2♌37	5°35	1°19	28°10	7°50	1°27	29°30	15°33	20°38	18°14	17°31	26°33	9°11	T 22
W23	6 7 23	1°36'54	17°22	7°11	2°33	28°34	8° 0	1°29	29°33	15°31	20°40	18° 5	17°28	26°40	9° 8	W23
T 24	6 11 19	2°38'03	1♍57	8°48	3°47	28°58	8°10	1°31	29°36	15°30	20°42	17°59	17°25	26°46	9° 5	T 24
F 25	6 15 16	3°39'12	16°18	10°25	5° 1	29°23	8°20	1°33	29°39	15°28	20°43	17°56	17°21	26°53	9° 1	F 25
S 26	6 19 13	4°40'22	0♎23	12° 2	6°15	29°46	8°30	1°35	29°43	15°26	20°45	17°D55	17°18	27° 0	8°58	S 26
S 27	6 23 9	5°41'32	14°11	13°39	7°29	0♎10	8°40	1°36	29°46	15°25	20°47	17°R55	17°15	27° 6	8°55	S 27
M28	6 27 6	6°42'42	27°43	15°17	8°43	0°33	8°50	1°38	29°49	15°23	20°49	17°55	17°12	27°13	8°51	M28
T 29	6 31 2	7°43'53	11♏ 1	16°55	9°56	0°56	8°59	1°39	29°53	15°21	20°51	17°53	17° 9	27°20	8°48	T 29
W30	6 34 59	8°45'04	24° 7	18°33	11°10	1°18	9° 9	1°41	29°56	15°20	20°53	17°49	17° 5	27°27	8°44	W30
T 31	6 38 55	9♑46'16	7♐ 1	20♑11	12♒24	1♎41	9♏18	1♎42	29♑59	15♋18	20♏54	17♈41	17♈ 2	27♒33	8♌41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s52	12s41	0s56	20s46	0s 5	24s47	1s25	6n22	2n 2	11s50	1n 5	1n51	2n10	21s 2	0s33	21n46	0s45	4s 3	14n10	7n58	7n19	17s25	10n41	7s22
W 2	22 1	18 10	2 5	21 11	0 12	24 45	1 27	6 11	2 3	11 54	1 5	1 49	2 10	21 2	0 33	21 46	0 45	4 4	14 10	7 57	7 17	17 22	10 41	7 23
T 3	22 10	22 41	3 6	21 34	0 19	24 43	1 28	6 1	2 4	11 58	1 5	1 48	2 10	21 1	0 33	21 46	0 45	4 4	14 10	7 55	7 16	17 20	10 41	7 24
F 4	22 18	25 59	3 56	21 57	0 25	24 40	1 30	5 50	2 5	12 2	1 5	1 46	2 10	21 1	0 33	21 46	0 45	4 5	14 11	7 52	7 15	17 17	10 40	7 24
S 5	22 26	27 52	4 33	22 19	0 32	24 36	1 32	5 40	2 6	12 6	1 5	1 45	2 11	21 0	0 33	21 46	0 45	4 5	14 11	7 48	7 14	17 14	10 40	7 25
S 6	22 33	28 16	4 56	22 39	0 38	24 31	1 33	5 29	2 6	12 10	1 5	1 44	2 11	21 0	0 33	21 46	0 45	4 6	14 11	7 44	7 13	17 11	10 40	7 26
M 7	22 40	27 13	5 5	22 58	0 44	24 26	1 34	5 19	2 7	12 13	1 5	1 43	2 11	20 59	0 33	21 47	0 45	4 6	14 11	7 40	7 11	17 9	10 39	7 26
T 8	22 46	24 53	4 59	23 17	0 51	24 20	1 36	5 9	2 8	12 17	1 5	1 42	2 11	20 58	0 33	21 47	0 45	4 7	14 11	7 37	7 10	17 6	10 39	7 27
W 9	22 52	21 29	4 40	23 34	0 57	24 13	1 37	4 58	2 9	12 21	1 6	1 40	2 12	20 58	0 33	21 47	0 45	4 7	14 11	7 34	7 9	17 3	10 39	7 28
T 10	22 58	17 14	4 9	23 50	1 2	24 5	1 38	4 48	2 10	12 24	1 6	1 39	2 12	20 57	0 33	21 47	0 45	4 7	14 11	7 31	7 8	17 0	10 39	7 28
F 11	23 3	12 22	3 27	24 4	1 8	23 57	1 40	4 38	2 11	12 28	1 6	1 38	2 12	20 57	0 33	21 47	0 45	4 8	14 12	7 30	7 6	16 57	10 39	7 29
S 12	23 8	7 2	2 37	24 18	1 13	23 48	1 41	4 28	2 12	12 32	1 6	1 37	2 12	20 56	0 33	21 47	0 45	4 8	14 12	7 30	7 5	16 55	10 39	7 29
S 13	23 12	1 25	1 39	24 30	1 19	23 38	1 42	4 19	2 13	12 35	1 6	1 36	2 13	20 55	0 33	21 48	0 45	4 8	14 12	7 30	7 4	16 52	10 39	7 30
M14	23 16	4n22	0 36	24 41	1 24	23 28	1 43	4 9	2 14	12 39	1 6	1 35	2 13	20 55	0 33	21 48	0 45	4 9	14 12	7 30	7 3	16 49	10 39	7 31
T 15	23 19	10 8	0n31	24 50	1 29	23 16	1 44	3 59	2 15	12 42	1 6	1 34	2 13	20 54	0 33	21 48	0 45	4 9	14 12	7 30	7 2	16 46	10 39	7 31
W16	23 22	15 38	1 37	24 58	1 33	23 4	1 44	3 49	2 16	12 46	1 6	1 34	2 14	20 54	0 33	21 48	0 45	4 9	14 13	7 30	7 0	16 43	10 39	7 32
T 17	23 24	20 36	2 41	25 5	1 38	22 52	1 45	3 40	2 17	12 49	1 6	1 33	2 14	20 53	0 33	21 48	0 45	4 10	14 13	7 28	6 59	16 41	10 39	7 32
F 18	23 26	24 39	3 37	25 10	1 42	22 39	1 46	3 31	2 18	12 52	1 6	1 32	2 14	20 52	0 33	21 49	0 45	4 10	14 13	7 25	6 58	16 38	10 39	7 33
S 19	23 27	27 20	4 22	25 14	1 46	22 25	1 47	3 21	2 19	12 56	1 6	1 31	2 14	20 52	0 33	21 49	0 45	4 10	14 13	7 22	6 57	16 35	10 39	7 34
S 20	23 28	28 17	4 51	25 17	1 50	22 10	1 47	3 12	2 20	12 59	1 7	1 31	2 15	20 51	0 33	21 49	0 45	4 11	14 13	7 18	6 56	16 32	10 39	7 34
M21	23 28	27 16	5 1	25 18	1 53	21 55	1 48	3 3	2 21	13 2	1 7	1 30	2 15	20 50	0 33	21 49	0 45	4 11	14 14	7 13	6 54	16 29	10 40	7 35
T 22	23 28	24 20	4 52	25 18	1 56	21 39	1 48	2 54	2 22	13 5	1 7	1 29	2 15	20 50	0 33	21 49	0 45	4 11	14 14	7 9	6 53	16 26	10 40	7 35
W23	23 28	19 50	4 23	25 16	1 59	21 23	1 48	2 45	2 23	13 9	1 7	1 29	2 16	20 49	0 33	21 49	0 45	4 11	14 14	7 6	6 52	16 24	10 40	7 36
T 24	23 27	14 11	3 38	25 12	2 2	21 6	1 49	2 36	2 24	13 12	1 7	1 28	2 16	20 48	0 33	21 50	0 45	4 12	14 14	7 4	6 51	16 21	10 40	7 36
F 25	23 25	7 51	2 39	25 7	2 4	20 48	1 49	2 28	2 25	13 15	1 7	1 28	2 16	20 47	0 33	21 50	0 45	4 12	14 15	7 3	6 49	16 18	10 41	7 37
S 26	23 24	1 15	1 31	25 1	2 6	20 30	1 49	2 19	2 26	13 18	1 7	1 27	2 16	20 47	0 33	21 50	0 45	4 12	14 15	7 2	6 48	16 15	10 41	7 37
S 27	23 21	5s18	0 20	24 53	2 7	20 11	1 49	2 11	2 27	13 21	1 7	1 27	2 17	20 46	0 33	21 50	0 45	4 12	14 15	7 2	6 47	16 12	10 41	7 37
M28	23 18	11 29	0s52	24 43	2 8	19 51	1 49	2 2	2 28	13 24	1 7	1 27	2 17	20 45	0 33	21 50	0 45	4 12	14 15	7 2	6 46	16 9	10 42	7 38
T 29	23 15	17 2	1 59	24 32	2 9	19 31	1 48	1 54	2 29	13 27	1 8	1 26	2 17	20 45	0 33	21 51	0 45	4 13	14 16	7 2	6 45	16 7	10 42	7 38
W30	23 11	21 43	2 59	24 19	2 9	19 11	1 48	1 46	2 30	13 30	1 8	1 26	2 18	20 44	0 33	21 51	0 45	4 13	14 16	7 0	6 43	16 4	10 43	7 39
T 31	23s 7	25s16	3s48	24s 5	2s 9	18s50	1s48	1n38	2n31	13s32	1n 8	1n26	2n18	20s43	0s33	21n51	0s45	4s13	14n16	6n57	6n42	16s 1	10n43	7s39

Julian Day Number = 2358377.5, Delta T = 14.56 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'45, Lahiri = 20°17'45Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1745
geocentric

JANUARY 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 52	10♑47'27	19♐45	21♑49	13♒38	2♎ 2	9♏27	1♎43	0♒ 3	15°R16	20♏56	17°R30	16♈59	27♒40	8°R37	F 1
S 2	6 46 48	11°48'39	2♑19	23°27	14°52	2°24	9°36	1°44	0° 6	15♋15	20°58	17♈17	16°56	27°47	8♌33	S 2
S 3	6 50 45	12°49'50	14°42	25° 4	16° 6	2°45	9°45	1°45	0° 9	15°13	21° 0	17° 3	16°53	27°53	8°30	S 3
M 4	6 54 42	13°51'02	26°56	26°42	17°19	3° 6	9°54	1°46	0°13	15°11	21° 1	16°48	16°50	28° 0	8°26	M 4
T 5	6 58 38	14°52'13	9♒ 0	28°19	18°33	3°27	10° 3	1°46	0°16	15° 9	21° 3	16°34	16°46	28° 7	8°22	T 5
W 6	7 2 35	15°53'23	20°56	29°56	19°46	3°47	10°11	1°47	0°20	15° 8	21° 5	16°22	16°43	28°13	8°18	W 6
T 7	7 6 31	16°54'33	2♓46	1♒32	21° 0	4° 6	10°20	1°47	0°23	15° 6	21° 6	16°13	16°40	28°20	8°14	T 7
F 8	7 10 28	17°55'43	14°34	3° 7	22°14	4°26	10°28	1°48	0°27	15° 4	21° 8	16° 7	16°37	28°27	8°10	F 8
S 9	7 14 24	18°56'52	26°23	4°41	23°27	4°45	10°37	1°48	0°30	15° 3	21° 9	16° 4	16°34	28°33	8° 6	S 9
S 10	7 18 21	19°58'00	8♈18	6°13	24°40	5° 3	10°45	1°48	0°34	15° 1	21°11	16° 3	16°31	28°40	8° 1	S 10
M11	7 22 17	20°59'08	20°24	7°44	25°54	5°22	10°53	1°R48	0°37	14°59	21°12	16° 3	16°27	28°47	7°57	M11
T 12	7 26 14	22° 0'15	2♉47	9°12	27° 7	5°39	11° 1	1°48	0°40	14°58	21°14	16° 3	16°24	28°54	7°53	T 12
W13	7 30 11	23° 1'21	15°32	10°37	28°20	5°57	11° 8	1°48	0°44	14°56	21°15	16° 1	16°21	29° 0	7°49	W13
T 14	7 34 7	24° 2'26	28°44	12° 0	29°33	6°14	11°16	1°47	0°47	14°54	21°16	15°57	16°18	29° 7	7°44	T 14
F 15	7 38 4	25° 3'31	12♊26	13°18	0♓47	6°30	11°23	1°47	0°51	14°53	21°18	15°50	16°15	29°14	7°40	F 15
S 16	7 42 0	26° 4'35	26°37	14°33	2° 0	6°46	11°31	1°46	0°54	14°51	21°19	15°41	16°11	29°20	7°35	S 16
S 17	7 45 57	27° 5'38	11♋14	15°41	3°13	7° 2	11°38	1°46	0°58	14°49	21°20	15°30	16° 8	29°27	7°31	S 17
M18	7 49 53	28° 6'40	26°12	16°44	4°26	7°17	11°45	1°45	1° 2	14°48	21°22	15°18	16° 5	29°34	7°26	M18
T 19	7 53 50	29° 7'42	11♌21	17°41	5°38	7°31	11°52	1°44	1° 5	14°46	21°23	15° 7	16° 2	29°40	7°22	T 19
W20	7 57 47	0♒ 8'43	26°29	18°29	6°51	7°46	11°59	1°43	1° 9	14°44	21°24	14°58	15°59	29°47	7°17	W20
T 21	8 1 43	1° 9'43	11♍28	19° 9	8° 4	7°59	12° 5	1°42	1°12	14°43	21°25	14°52	15°56	29°54	7°13	T 21
F 22	8 5 40	2°10'42	26°10	19°40	9°17	8°12	12°12	1°41	1°16	14°41	21°26	14°48	15°52	0♓ 0	7° 8	F 22
S 23	8 9 36	3°11'41	10♎29	20° 1	10°29	8°25	12°18	1°40	1°19	14°39	21°28	14°D47	15°49	0° 7	7° 4	S 23
S 24	8 13 33	4°12'39	24°25	20°R11	11°42	8°37	12°24	1°38	1°23	14°38	21°29	14°47	15°46	0°14	6°59	S 24
M25	8 17 29	5°13'37	7♏58	20°10	12°54	8°48	12°30	1°37	1°26	14°36	21°30	14°R47	15°43	0°20	6°55	M25
T 26	8 21 26	6°14'34	21°11	19°57	14° 6	8°59	12°36	1°35	1°30	14°35	21°31	14°46	15°40	0°27	6°50	T 26
W27	8 25 22	7°15'30	4♐ 5	19°34	15°19	9°10	12°42	1°34	1°33	14°33	21°32	14°43	15°37	0°34	6°45	W27
T 28	8 29 19	8°16'25	16°45	18°59	16°31	9°20	12°47	1°32	1°37	14°32	21°33	14°37	15°33	0°41	6°41	T 28
F 29	8 33 16	9°17'20	29°13	18°15	17°43	9°29	12°53	1°30	1°40	14°30	21°33	14°29	15°30	0°47	6°36	F 29
S 30	8 37 12	10°18'14	11♑31	17°21	18°55	9°38	12°58	1°28	1°44	14°29	21°34	14°18	15°27	0°54	6°32	S 30
S 31	8 41 9	11♒19'07	23♑41	16♒20	20♓ 7	9♎46	13♏ 3	1♎26	1♒47	14♋27	21♏35	14♈ 5	15♈24	1♓ 1	6♌27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 2	27s29	4s26	23s49	2s 8	18s28	1s47	1n31	2n32	13s35	1n 8	1n26	2n18	20s43	0s33	21n51	0s45	4s13	14n17	6n53	6n41	15s58	10n44	7s40
S 2	22 57	28 17	4 49	23 31	2 7	18 6	1 47	1 23	2 33	13 38	1 8	1 26	2 18	20 42	0 33	21 51	0 45	4 13	14 17	6 48	6 40	15 55	10 44	7 40
S 3	22 51	27 37	4 59	23 12	2 5	17 44	1 46	1 16	2 34	13 41	1 8	1 25	2 19	20 41	0 33	21 52	0 45	4 13	14 17	6 42	6 39	15 52	10 45	7 40
M 4	22 45	25 37	4 55	22 51	2 2	17 21	1 46	1 8	2 35	13 43	1 8	1 25	2 19	20 40	0 33	21 52	0 45	4 13	14 18	6 37	6 37	15 49	10 46	7 41
T 5	22 39	22 29	4 37	22 29	1 59	16 57	1 45	1 1	2 36	13 46	1 9	1 25	2 19	20 40	0 33	21 52	0 45	4 13	14 18	6 31	6 36	15 46	10 46	7 41
W 6	22 32	18 27	4 7	22 5	1 56	16 33	1 44	0 54	2 37	13 49	1 9	1 25	2 20	20 39	0 33	21 52	0 45	4 13	14 18	6 27	6 35	15 43	10 47	7 41
T 7	22 24	13 43	3 27	21 40	1 52	16 9	1 43	0 47	2 39	13 51	1 9	1 26	2 20	20 38	0 33	21 52	0 45	4 14	14 19	6 23	6 34	15 41	10 48	7 42
F 8	22 16	8 31	2 38	21 13	1 47	15 44	1 42	0 41	2 40	13 54	1 9	1 26	2 20	20 37	0 33	21 53	0 45	4 14	14 19	6 21	6 32	15 38	10 48	7 42
S 9	22 8	3 0	1 42	20 45	1 41	15 19	1 41	0 34	2 41	13 56	1 9	1 26	2 20	20 37	0 33	21 53	0 45	4 14	14 19	6 20	6 31	15 35	10 49	7 42
S 10	21 59	2n40	0 41	20 16	1 34	14 53	1 40	0 28	2 42	13 58	1 9	1 26	2 21	20 36	0 33	21 53	0 45	4 14	14 20	6 19	6 30	15 32	10 50	7 42
M11	21 50	8 20	0n23	19 46	1 27	14 27	1 39	0 22	2 43	14 1	1 9	1 26	2 21	20 35	0 33	21 53	0 45	4 14	14 20	6 19	6 29	15 29	10 51	7 43
T 12	21 40	13 49	1 27	19 15	1 19	14 1	1 37	0 16	2 44	14 3	1 10	1 27	2 21	20 34	0 33	21 53	0 45	4 14	14 20	6 19	6 28	15 26	10 52	7 43
W13	21 30	18 54	2 29	18 43	1 10	13 34	1 36	0 10	2 45	14 5	1 10	1 27	2 22	20 34	0 33	21 54	0 45	4 14	14 21	6 19	6 26	15 23	10 53	7 43
T 14	21 20	23 15	3 25	18 10	1 0	13 7	1 34	0 4	2 46	14 8	1 10	1 27	2 22	20 33	0 33	21 54	0 45	4 14	14 21	6 17	6 25	15 20	10 53	7 43
F 15	21 9	26 29	4 12	17 38	0 49	12 39	1 33	0s 1	2 48	14 10	1 10	1 28	2 22	20 32	0 33	21 54	0 45	4 14	14 21	6 15	6 24	15 17	10 54	7 43
S 16	20 58	28 10	4 44	17 5	0 37	12 12	1 31	0 6	2 49	14 12	1 10	1 28	2 22	20 31	0 33	21 54	0 45	4 14	14 22	6 11	6 23	15 14	10 55	7 44
S 17	20 46	27 59	5 0	16 32	0 24	11 44	1 29	0 12	2 50	14 14	1 10	1 29	2 23	20 31	0 33	21 54	0 45	4 14	14 22	6 7	6 21	15 11	10 56	7 44
M18	20 34	25 46	4 55	16 0	0 10	11 15	1 27	0 16	2 51	14 16	1 10	1 29	2 23	20 30	0 33	21 55	0 45	4 13	14 23	6 2	6 20	15 8	10 57	7 44
T 19	20 22	21 44	4 30	15 29	0n 4	10 47	1 25	0 21	2 52	14 18	1 11	1 30	2 23	20 29	0 33	21 55	0 45	4 13	14 23	5 58	6 19	15 5	10 58	7 44
W20	20 9	16 15	3 46	15 0	0 20	10 18	1 23	0 26	2 53	14 20	1 11	1 31	2 24	20 28	0 33	21 55	0 45	4 13	14 23	5 54	6 18	15 3	10 59	7 44
T 21	19 56	9 50	2 47	14 32	0 36	9 49	1 21	0 30	2 55	14 22	1 11	1 31	2 24	20 28	0 33	21 55	0 45	4 13	14 24	5 52	6 17	15 0	11 0	7 44
F 22	19 42	3 1	1 37	14 6	0 53	9 19	1 19	0 34	2 56	14 23	1 11	1 32	2 24	20 27	0 33	21 55	0 45	4 13	14 24	5 51	6 15	14 57	11 1	7 44
S 23	19 28	3s49	0 23	13 43	1 10	8 50	1 17	0 38	2 57	14 25	1 11	1 33	2 24	20 26	0 33	21 56	0 45	4 13	14 25	5 50	6 14	14 54	11 2	7 44
S 24	19 14	10 16	0s51	13 23	1 28	8 20	1 14	0 42	2 58	14 27	1 11	1 34	2 25	20 25	0 33	21 56	0 45	4 13	14 25	5 50	6 13	14 51	11 3	7 44
M25	18 59	16 5	2 0	13 7	1 46	7 50	1 12	0 45	2 59	14 29	1 12	1 34	2 25	20 24	0 33	21 56	0 45	4 13	14 25	5 50	6 12	14 48	11 5	7 44
T 26	18 44	20 59	3 0	12 54	2 3	7 20	1 9	0 48	3 1	14 30	1 12	1 35	2 25	20 24	0 33	21 56	0 45	4 12	14 26	5 50	6 10	14 45	11 6	7 44
W27	18 29	24 46	3 50	12 45	2 20	6 49	1 7	0 51	3 2	14 32	1 12	1 36	2 25	20 23	0 33	21 56	0 45	4 12	14 26	5 49	6 9	14 42	11 7	7 44
T 28	18 13	27 16	4 28	12 40	2 36	6 19	1 4	0 54	3 3	14 33	1 12	1 37	2 26	20 22	0 33	21 57	0 45	4 12	14 27	5 46	6 8	14 39	11 8	7 44
F 29	17 57	28 20	4 52	12 40	2 52	5 48	1 1	0 57	3 4	14 35	1 12	1 38	2 26	20 21	0 33	21 57	0 45	4 12	14 27	5 43	6 7	14 36	11 9	7 44
S 30	17 41	27 59	5 2	12 43	3 5	5 17	0 58	0 59	3 5	14 36	1 12	1 39	2 26	20 21	0 33	21 57	0 45	4 12	14 27	5 39	6 5	14 33	11 10	7 44
S 31	17s25	26s18	4s58	12s50	3n17	4s46	0s55	1s 1	3n 6	14s38	1n13	1n40	2n26	20s20	0s33	21n57	0s45	4s12	14n28	5n34	6n 4	14s30	11n12	7s44

Julian Day Number = 2358408.5, Delta T = 14.58 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'49, Lahiri = 20°17'50Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

FEBRUARY 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 5	12♒19'58	5♒43	15°R13	21♓19	9♎53	13♏ 8	1°R24	1♒51	14°R26	21♏36	13°R53	15♈21	1♓ 7	6°R22	M 1
T 2	8 49 2	13°20'49	17°39	14♒ 3	22°30	10° 0	13°13	1♎21	1°54	14♋24	21°37	13♈41	15°17	1°14	6♌18	T 2
W 3	8 52 58	14°21'38	29°31	12°50	23°42	10° 6	13°17	1°19	1°58	14°23	21°37	13°31	15°14	1°21	6°13	W 3
T 4	8 56 55	15°22'26	11♓20	11°39	24°54	10°11	13°22	1°16	2° 1	14°21	21°38	13°23	15°11	1°27	6° 9	T 4
F 5	9 0 51	16°23'12	23° 8	10°29	26° 5	10°16	13°26	1°14	2° 4	14°20	21°39	13°18	15° 8	1°34	6° 4	F 5
S 6	9 4 48	17°23'57	4♈58	9°23	27°16	10°20	13°30	1°11	2° 8	14°19	21°39	13°16	15° 5	1°41	6° 0	S 6
S 7	9 8 45	18°24'41	16°53	8°22	28°28	10°23	13°34	1° 8	2°11	14°17	21°40	13°D16	15° 2	1°47	5°55	S 7
M 8	9 12 41	19°25'22	28°59	7°28	29°39	10°26	13°38	1° 6	2°15	14°16	21°40	13°16	14°58	1°54	5°51	M 8
T 9	9 16 38	20°26'03	11♉20	6°41	0♈50	10°28	13°41	1° 3	2°18	14°15	21°41	13°18	14°55	2° 1	5°46	T 9
W10	9 20 34	21°26'41	24° 0	6° 1	2° 1	10°29	13°45	1° 0	2°22	14°13	21°41	13°R18	14°52	2° 7	5°42	W10
T 11	9 24 31	22°27'18	7♊ 5	5°29	3°12	10°R30	13°48	0°57	2°25	14°12	21°42	13°17	14°49	2°14	5°38	T 11
F 12	9 28 27	23°27'53	20°38	5° 6	4°22	10°30	13°51	0°53	2°28	14°11	21°42	13°13	14°46	2°21	5°33	F 12
S 13	9 32 24	24°28'26	4♋41	4°50	5°33	10°29	13°54	0°50	2°32	14°10	21°43	13° 8	14°43	2°27	5°29	S 13
S 14	9 36 20	25°28'58	19°13	4°41	6°43	10°27	13°56	0°47	2°35	14° 8	21°43	13° 2	14°39	2°34	5°25	S 14
M15	9 40 17	26°29'28	4♌ 9	4°D40	7°53	10°25	13°59	0°43	2°38	14° 7	21°43	12°54	14°36	2°41	5°21	M15
T 16	9 44 14	27°29'56	19°21	4°45	9° 4	10°21	14° 1	0°40	2°41	14° 6	21°44	12°47	14°33	2°47	5°17	T 16
W17	9 48 10	28°30'22	4♍40	4°57	10°14	10°17	14° 3	0°36	2°45	14° 5	21°44	12°41	14°30	2°54	5°13	W17
T 18	9 52 7	29°30'47	19°54	5°15	11°23	10°13	14° 5	0°33	2°48	14° 4	21°44	12°37	14°27	3° 1	5° 9	T 18
F 19	9 56 3	0♓31'10	4♎53	5°38	12°33	10° 7	14° 7	0°29	2°51	14° 3	21°44	12°35	14°23	3° 8	5° 5	F 19
S 20	10 0 0	1°31'32	19°30	6° 7	13°43	10° 1	14° 9	0°25	2°54	14° 2	21°44	12°D35	14°20	3°14	5° 1	S 20
S 21	10 3 56	2°31'52	3♏41	6°41	14°52	9°54	14°10	0°21	2°58	14° 1	21°44	12°36	14°17	3°21	4°57	S 21
M22	10 7 53	3°32'11	17°25	7°19	16° 1	9°46	14°11	0°18	3° 1	14° 0	21°44	12°38	14°14	3°28	4°53	M22
T 23	10 11 49	4°32'28	0♐44	8° 1	17°10	9°37	14°12	0°14	3° 4	13°59	21°R44	12°R39	14°11	3°34	4°49	T 23
W24	10 15 46	5°32'44	13°39	8°47	18°19	9°28	14°13	0°10	3° 7	13°58	21°44	12°38	14° 8	3°41	4°46	W24
T 25	10 19 43	6°32'59	26°16	9°36	19°28	9°18	14°14	0° 6	3°10	13°57	21°44	12°37	14° 4	3°48	4°42	T 25
F 26	10 23 39	7°33'12	8♑36	10°29	20°37	9° 7	14°14	0° 1	3°13	13°56	21°44	12°33	14° 1	3°54	4°39	F 26
S 27	10 27 36	8°33'23	20°45	11°25	21°45	8°55	14°14	29♍57	3°16	13°55	21°44	12°28	13°58	4° 1	4°35	S 27
S 28	10 31 32	9♓33'33	2♒46	12♒24	22♈53	8♎43	14°R15	29♍53	3♒19	13♋54	21♏44	12♈22	13♈55	4♓ 8	4♌32	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 8	23s25	4s41	13s 0	3n27	4s15	0s52	1s 3	3n 8	14s39	1n13	1n41	2n27	20s19	0s33	21n57	0s45	4s11	14n28	5n29	6n 3	14s27	11n13	7s44
T 2	16 50	19 33	4 12	13 13	3 34	3 44	0 49	1 4	3 9	14 40	1 13	1 42	2 27	20 18	0 33	21 57	0 44	4 11	14 29	5 24	6 2	14 24	11 14	7 44
W 3	16 33	14 57	3 32	13 29	3 39	3 13	0 46	1 6	3 10	14 41	1 13	1 44	2 27	20 18	0 33	21 58	0 44	4 11	14 29	5 20	6 1	14 21	11 15	7 43
T 4	16 15	9 49	2 42	13 46	3 41	2 41	0 43	1 7	3 11	14 43	1 13	1 45	2 27	20 17	0 33	21 58	0 44	4 11	14 30	5 18	5 59	14 18	11 16	7 43
F 5	15 57	4 21	1 46	14 5	3 41	2 10	0 40	1 7	3 12	14 44	1 13	1 46	2 28	20 16	0 33	21 58	0 44	4 10	14 30	5 16	5 58	14 15	11 18	7 43
S 6	15 39	1n18	0 44	14 25	3 39	1 38	0 36	1 8	3 13	14 45	1 14	1 47	2 28	20 15	0 33	21 58	0 44	4 10	14 30	5 15	5 57	14 12	11 19	7 43
S 7	15 20	6 57	0n20	14 44	3 35	1 7	0 33	1 8	3 14	14 46	1 14	1 49	2 28	20 14	0 33	21 58	0 44	4 10	14 31	5 15	5 56	14 9	11 20	7 43
M 8	15 1	12 26	1 24	15 4	3 29	0 35	0 29	1 8	3 16	14 47	1 14	1 50	2 28	20 14	0 33	21 58	0 44	4 9	14 31	5 15	5 54	14 6	11 22	7 42
T 9	14 42	17 33	2 25	15 23	3 21	0 4	0 26	1 8	3 17	14 48	1 14	1 51	2 29	20 13	0 33	21 59	0 44	4 9	14 32	5 15	5 53	14 3	11 23	7 42
W10	14 23	22 3	3 21	15 42	3 12	0n28	0 22	1 8	3 18	14 48	1 14	1 53	2 29	20 12	0 33	21 59	0 44	4 9	14 32	5 15	5 52	14 0	11 24	7 42
T 11	14 3	25 37	4 9	15 59	3 2	0 59	0 19	1 7	3 19	14 49	1 15	1 54	2 29	20 11	0 33	21 59	0 44	4 9	14 33	5 15	5 51	13 57	11 25	7 42
F 12	13 43	27 52	4 44	16 15	2 51	1 31	0 15	1 6	3 20	14 50	1 15	1 56	2 29	20 11	0 33	21 59	0 44	4 8	14 33	5 14	5 50	13 54	11 27	7 41
S 13	13 23	28 28	5 4	16 31	2 39	2 2	0 11	1 5	3 21	14 51	1 15	1 57	2 30	20 10	0 33	21 59	0 44	4 8	14 34	5 12	5 48	13 51	11 28	7 41
S 14	13 3	27 9	5 6	16 44	2 27	2 34	0 7	1 3	3 22	14 51	1 15	1 59	2 30	20 9	0 33	21 59	0 44	4 8	14 34	5 9	5 47	13 48	11 29	7 41
M15	12 42	23 54	4 47	16 57	2 15	3 5	0 3	1 1	3 23	14 52	1 15	2 0	2 30	20 8	0 33	22 0	0 44	4 7	14 34	5 6	5 46	13 45	11 31	7 40
T 16	12 22	18 57	4 8	17 8	2 2	3 36	0n 1	0 59	3 24	14 52	1 15	2 2	2 30	20 8	0 33	22 0	0 44	4 7	14 35	5 3	5 45	13 42	11 32	7 40
W17	12 1	12 46	3 11	17 17	1 49	4 8	0 5	0 57	3 25	14 53	1 16	2 3	2 30	20 7	0 33	22 0	0 44	4 6	14 35	5 1	5 43	13 39	11 33	7 40
T 18	11 40	5 51	2 0	17 26	1 36	4 39	0 9	0 54	3 25	14 53	1 16	2 5	2 31	20 6	0 33	22 0	0 44	4 6	14 36	5 0	5 42	13 35	11 35	7 39
F 19	11 18	1s18	0 42	17 32	1 24	5 10	0 13	0 51	3 26	14 53	1 16	2 7	2 31	20 6	0 33	22 0	0 44	4 6	14 36	4 59	5 41	13 32	11 36	7 39
S 20	10 57	8 13	0s37	17 37	1 11	5 41	0 17	0 48	3 27	14 54	1 16	2 8	2 31	20 5	0 33	22 0	0 44	4 5	14 37	4 59	5 40	13 29	11 37	7 38
S 21	10 35	14 31	1 52	17 41	0 59	6 12	0 21	0 44	3 28	14 54	1 16	2 10	2 31	20 4	0 33	22 0	0 44	4 5	14 37	4 59	5 38	13 26	11 39	7 38
M22	10 14	19 54	2 58	17 43	0 47	6 42	0 25	0 41	3 29	14 54	1 17	2 12	2 31	20 3	0 33	22 1	0 44	4 5	14 37	5 0	5 37	13 23	11 40	7 37
T 23	9 52	24 7	3 52	17 43	0 35	7 13	0 30	0 37	3 29	14 54	1 17	2 13	2 31	20 3	0 33	22 1	0 44	4 4	14 38	5 0	5 36	13 20	11 41	7 37
W24	9 30	26 59	4 33	17 43	0 24	7 43	0 34	0 32	3 30	14 54	1 17	2 15	2 32	20 2	0 33	22 1	0 44	4 4	14 38	5 0	5 35	13 17	11 42	7 37
T 25	9 7	28 24	4 59	17 40	0 13	8 13	0 38	0 28	3 31	14 54	1 17	2 17	2 32	20 1	0 34	22 1	0 44	4 3	14 39	4 59	5 34	13 14	11 44	7 36
F 26	8 45	28 22	5 10	17 36	0 2	8 43	0 43	0 23	3 31	14 54	1 17	2 19	2 32	20 1	0 34	22 1	0 44	4 3	14 39	4 58	5 32	13 11	11 45	7 36
S 27	8 22	26 56	5 8	17 31	0s 9	9 13	0 47	0 18	3 32	14 54	1 17	2 21	2 32	20 0	0 34	22 1	0 44	4 2	14 40	4 56	5 31	13 8	11 46	7 35
S 28	8s 0	24s18	4s52	17s24	0s19	9n43	0n52	0s13	3n32	14s54	1n18	2n22	2n32	19s59	0s34	22n 1	0s44	4s 2	14n40	4n54	5n30	13s 5	11n48	7s34

Julian Day Number = 2358439.5, Delta T = 14.60 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'53, Lahiri = 20°17'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

MARCH 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 29	10♓33'41	14♒40	13♒25	24♈ 2	8°R29	14°R14	29°R49	3♒22	13°R54	21°R44	12°R16	13♈52	4♓14	4°R29	M 1
T 2	10 39 25	11°33'47	26°30	14°29	25° 9	8♎15	14♏14	29♍44	3°25	13♋53	21♏43	12♈10	13°49	4°21	4♌25	T 2
W 3	10 43 22	12°33'52	8♓19	15°35	26°17	8° 1	14°14	29°40	3°28	13°52	21°43	12° 5	13°45	4°28	4°22	W 3
T 4	10 47 18	13°33'54	20° 9	16°44	27°25	7°45	14°13	29°36	3°31	13°51	21°43	12° 2	13°42	4°34	4°19	T 4
F 5	10 51 15	14°33'55	2♈ 0	17°54	28°32	7°29	14°12	29°31	3°34	13°51	21°43	12° 0	13°39	4°41	4°16	F 5
S 6	10 55 12	15°33'53	13°56	19° 7	29°39	7°12	14°11	29°27	3°37	13°50	21°42	12°D 0	13°36	4°48	4°13	S 6
S 7	10 59 8	16°33'50	25°59	20°21	0♉46	6°55	14°10	29°22	3°39	13°50	21°42	12° 0	13°33	4°54	4°10	S 7
M 8	11 3 5	17°33'44	8♉11	21°38	1°53	6°37	14° 8	29°18	3°42	13°49	21°41	12° 2	13°29	5° 1	4° 8	M 8
T 9	11 7 1	18°33'37	20°37	22°56	2°59	6°18	14° 7	29°13	3°45	13°48	21°41	12° 4	13°26	5° 8	4° 5	T 9
W10	11 10 58	19°33'27	3♊19	24°15	4° 5	5°59	14° 5	29° 8	3°48	13°48	21°40	12° 5	13°23	5°14	4° 3	W10
T 11	11 14 54	20°33'15	16°21	25°36	5°11	5°39	14° 3	29° 4	3°50	13°47	21°40	12°R 6	13°20	5°21	4° 0	T 11
F 12	11 18 51	21°33'01	29°47	26°59	6°17	5°19	14° 1	28°59	3°53	13°47	21°39	12° 6	13°17	5°28	3°58	F 12
S 13	11 22 47	22°32'44	13♋38	28°23	7°23	4°59	13°58	28°55	3°56	13°47	21°39	12° 4	13°14	5°34	3°56	S 13
S 14	11 26 44	23°32'25	27°55	29°49	8°28	4°37	13°56	28°50	3°58	13°46	21°38	12° 3	13°10	5°41	3°53	S 14
M15	11 30 41	24°32'04	12♌35	1♓16	9°33	4°16	13°53	28°45	4° 1	13°46	21°37	12° 0	13° 7	5°48	3°51	M15
T 16	11 34 37	25°31'41	27°33	2°44	10°38	3°54	13°50	28°40	4° 3	13°46	21°37	11°58	13° 4	5°54	3°49	T 16
W17	11 38 34	26°31'15	12♍42	4°14	11°42	3°32	13°47	28°36	4° 6	13°45	21°36	11°56	13° 1	6° 1	3°47	W17
T 18	11 42 30	27°30'47	27°52	5°46	12°46	3° 9	13°44	28°31	4° 8	13°45	21°35	11°55	12°58	6° 8	3°46	T 18
F 19	11 46 27	28°30'17	12♎54	7°18	13°50	2°47	13°40	28°26	4°11	13°45	21°34	11°D55	12°54	6°14	3°44	F 19
S 20	11 50 23	29°29'45	27°39	8°52	14°54	2°24	13°37	28°22	4°13	13°45	21°33	11°55	12°51	6°21	3°42	S 20
S 21	11 54 20	0♈29'11	12♏ 1	10°27	15°57	2° 0	13°33	28°17	4°15	13°44	21°33	11°56	12°48	6°28	3°41	S 21
M22	11 58 16	1°28'36	25°56	12° 4	17° 0	1°37	13°29	28°12	4°18	13°44	21°32	11°57	12°45	6°34	3°39	M22
T 23	12 2 13	2°27'59	9♐25	13°42	18° 2	1°14	13°25	28° 8	4°20	13°44	21°31	11°58	12°42	6°41	3°38	T 23
W24	12 6 9	3°27'20	22°28	15°21	19° 4	0°51	13°21	28° 3	4°22	13°44	21°30	11°59	12°39	6°48	3°37	W24
T 25	12 10 6	4°26'39	5♑ 9	17° 2	20° 6	0°27	13°16	27°58	4°24	13°D44	21°29	11°R59	12°35	6°54	3°36	T 25
F 26	12 14 3	5°25'56	17°30	18°44	21° 8	0° 4	13°12	27°54	4°26	13°44	21°28	11°59	12°32	7° 1	3°35	F 26
S 27	12 17 59	6°25'12	29°37	20°28	22° 9	29♍41	13° 7	27°49	4°28	13°44	21°27	11°58	12°29	7° 8	3°34	S 27
S 28	12 21 56	7°24'26	11♒34	22°12	23°10	29°18	13° 2	27°44	4°31	13°44	21°26	11°58	12°26	7°14	3°33	S 28
M29	12 25 52	8°23'38	23°25	23°59	24°10	28°55	12°57	27°40	4°33	13°45	21°25	11°57	12°23	7°21	3°33	M29
T 30	12 29 49	9°22'48	5♓13	25°46	25°10	28°32	12°52	27°35	4°34	13°45	21°24	11°57	12°20	7°28	3°32	T 30
W31	12 33 45	10♈21'56	17♓ 2	27♓35	26♉10	28♍10	12♏47	27♍31	4♒36	13♋45	21♏23	11♈56	12♈16	7♓34	3♌32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s37	20s39	4s23	17s16	0s28	10n12	0n56	0s 7	3n33	14s54	1n18	2n24	2n32	19s59	0s34	22n 1	0s44	4s 1	14n40	4n51	5n29	13s 2	11n49	7s34
T 2	7 14	16 12	3 44	17 7	0 38	10 41	1 1	0 1	3 33	14 54	1 18	2 26	2 33	19 58	0 34	22 2	0 44	4 1	14 41	4 49	5 27	12 59	11 50	7 33
W 3	6 51	11 9	2 54	16 56	0 47	11 10	1 5	0n 5	3 33	14 53	1 18	2 28	2 33	19 57	0 34	22 2	0 44	4 1	14 41	4 47	5 26	12 56	11 51	7 33
T 4	6 28	5 42	1 57	16 43	0 55	11 39	1 10	0 11	3 33	14 53	1 18	2 30	2 33	19 57	0 34	22 2	0 44	4 0	14 42	4 46	5 25	12 52	11 53	7 32
F 5	6 5	0 2	0 55	16 29	1 3	12 8	1 14	0 18	3 33	14 52	1 18	2 32	2 33	19 56	0 34	22 2	0 44	4 0	14 42	4 45	5 24	12 49	11 54	7 32
S 6	5 42	5n40	0n11	16 14	1 11	12 36	1 19	0 24	3 34	14 52	1 19	2 34	2 33	19 55	0 34	22 2	0 44	3 59	14 43	4 45	5 22	12 46	11 55	7 31
S 7	5 19	11 14	1 16	15 58	1 18	13 4	1 23	0 31	3 34	14 51	1 19	2 36	2 33	19 55	0 34	22 2	0 44	3 59	14 43	4 45	5 21	12 43	11 56	7 30
M 8	4 55	16 27	2 19	15 40	1 25	13 31	1 28	0 38	3 33	14 51	1 19	2 37	2 33	19 54	0 34	22 2	0 44	3 58	14 43	4 46	5 20	12 40	11 58	7 30
T 9	4 32	21 6	3 17	15 21	1 32	13 59	1 33	0 45	3 33	14 50	1 19	2 39	2 33	19 53	0 34	22 2	0 43	3 58	14 44	4 46	5 19	12 37	11 59	7 29
W10	4 8	24 53	4 6	15 0	1 38	14 26	1 37	0 53	3 33	14 50	1 19	2 41	2 33	19 53	0 34	22 2	0 43	3 57	14 44	4 47	5 17	12 34	12 0	7 29
T 11	3 45	27 29	4 44	14 38	1 44	14 52	1 42	1 0	3 33	14 49	1 19	2 43	2 34	19 52	0 34	22 2	0 43	3 57	14 45	4 47	5 16	12 31	12 1	7 28
F 12	3 21	28 37	5 8	14 15	1 49	15 19	1 47	1 8	3 32	14 48	1 20	2 45	2 34	19 52	0 34	22 2	0 43	3 56	14 45	4 47	5 15	12 28	12 2	7 27
S 13	2 58	28 0	5 16	13 50	1 54	15 45	1 51	1 16	3 32	14 47	1 20	2 47	2 34	19 51	0 34	22 3	0 43	3 56	14 45	4 47	5 14	12 24	12 4	7 27
S 14	2 34	25 34	5 4	13 24	1 59	16 10	1 56	1 24	3 31	14 46	1 20	2 49	2 34	19 50	0 34	22 3	0 43	3 55	14 46	4 46	5 13	12 21	12 5	7 26
M15	2 10	21 24	4 32	12 57	2 3	16 36	2 0	1 31	3 31	14 45	1 20	2 51	2 34	19 50	0 34	22 3	0 43	3 55	14 46	4 45	5 11	12 18	12 6	7 25
T 16	1 47	15 48	3 41	12 29	2 6	17 1	2 5	1 39	3 30	14 44	1 20	2 53	2 34	19 49	0 34	22 3	0 43	3 54	14 46	4 44	5 10	12 15	12 7	7 24
W17	1 23	9 11	2 35	11 59	2 10	17 25	2 10	1 47	3 29	14 43	1 20	2 55	2 34	19 49	0 34	22 3	0 43	3 53	14 47	4 44	5 9	12 12	12 8	7 24
T 18	0 59	2 2	1 17	11 28	2 12	17 49	2 14	1 56	3 28	14 42	1 21	2 57	2 34	19 48	0 34	22 3	0 43	3 53	14 47	4 43	5 8	12 9	12 9	7 23
F 19	0 36	5s11	0s 5	10 56	2 15	18 13	2 19	2 4	3 27	14 41	1 21	2 59	2 34	19 48	0 34	22 3	0 43	3 52	14 47	4 43	5 6	12 6	12 10	7 22
S 20	0 12	11 59	1 26	10 22	2 17	18 37	2 23	2 12	3 26	14 40	1 21	3 1	2 34	19 47	0 34	22 3	0 43	3 52	14 48	4 43	5 5	12 2	12 11	7 22
S 21	0n12	17 59	2 39	9 47	2 18	19 0	2 28	2 20	3 25	14 39	1 21	3 2	2 34	19 47	0 34	22 3	0 43	3 51	14 48	4 44	5 4	11 59	12 12	7 21
M22	0 35	22 50	3 41	9 11	2 19	19 22	2 32	2 28	3 24	14 37	1 21	3 4	2 34	19 46	0 34	22 3	0 43	3 51	14 48	4 44	5 3	11 56	12 13	7 20
T 23	0 59	26 18	4 28	8 34	2 20	19 44	2 37	2 36	3 22	14 36	1 21	3 6	2 34	19 46	0 34	22 3	0 43	3 50	14 49	4 44	5 1	11 53	12 14	7 19
W24	1 23	28 14	4 59	7 56	2 20	20 6	2 41	2 44	3 21	14 35	1 21	3 8	2 34	19 45	0 34	22 3	0 43	3 50	14 49	4 44	5 0	11 50	12 15	7 19
T 25	1 46	28 37	5 15	7 16	2 19	20 27	2 45	2 52	3 19	14 33	1 21	3 10	2 34	19 45	0 34	22 3	0 43	3 49	14 49	4 45	4 59	11 47	12 16	7 18
F 26	2 10	27 33	5 16	6 35	2 18	20 48	2 50	3 0	3 18	14 32	1 22	3 12	2 34	19 44	0 34	22 3	0 43	3 49	14 50	4 44	4 58	11 44	12 17	7 17
S 27	2 33	25 11	5 2	5 53	2 17	21 8	2 54	3 7	3 16	14 30	1 22	3 14	2 34	19 44	0 34	22 3	0 43	3 48	14 50	4 44	4 56	11 40	12 18	7 16
S 28	2 57	21 45	4 36	5 10	2 15	21 28	2 58	3 15	3 14	14 28	1 22	3 16	2 34	19 43	0 34	22 3	0 43	3 48	14 50	4 44	4 55	11 37	12 19	7 16
M29	3 20	17 29	3 58	4 26	2 13	21 47	3 2	3 22	3 12	14 27	1 22	3 17	2 34	19 43	0 34	22 3	0 43	3 47	14 51	4 44	4 54	11 34	12 20	7 15
T 30	3 43	12 33	3 10	3 40	2 10	22 6	3 7	3 30	3 10	14 25	1 22	3 19	2 34	19 42	0 34	22 3	0 43	3 46	14 51	4 44	4 53	11 31	12 21	7 14
W31	4n 7	7s11	2s14	2s54	2s 7	22n25	3n11	3n37	3n 8	14s24	1n22	3n21	2n34	19s42	0s34	22n 3	0s43	3s46	14n51	4n44	4n51	11s28	12n22	7s13

Julian Day Number = 2358467.5, Delta T = 14.63 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'57, Lahiri = 20°17'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

APRIL 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 42	11♈21'02	28♓54	29♓26	27♉ 9	27°R48	12°R41	27°R26	4♒38	13♋45	21°R21	11°R56	12♈13	7♓41	3°R31	T 1
F 2	12 41 38	12°20'06	10♈53	1♈18	28° 8	27♍26	12♏36	27♍22	4°40	13°45	21♏20	11♈56	12°10	7°48	3♌31	F 2
S 3	12 45 35	13°19'08	22°59	3°11	29° 6	27° 5	12°30	27°17	4°42	13°46	21°19	11°56	12° 7	7°54	3°31	S 3
S 4	12 49 32	14°18'08	5♉14	5° 6	0♊ 4	26°44	12°24	27°13	4°44	13°46	21°18	11°56	12° 4	8° 1	3°D31	S 4
M 5	12 53 28	15°17'06	17°41	7° 2	1° 1	26°24	12°18	27° 8	4°45	13°46	21°17	11°56	12° 0	8° 8	3°31	M 5
T 6	12 57 25	16°16'01	0♊21	8°59	1°58	26° 4	12°12	27° 4	4°47	13°47	21°15	11°55	11°57	8°14	3°31	T 6
W 7	13 1 21	17°14'55	13°15	10°58	2°54	25°45	12° 6	27° 0	4°49	13°47	21°14	11°55	11°54	8°21	3°32	W 7
T 8	13 5 18	18°13'46	26°24	12°59	3°50	25°26	11°59	26°55	4°50	13°48	21°13	11°54	11°51	8°28	3°32	T 8
F 9	13 9 14	19°12'36	9♋52	15° 0	4°45	25° 8	11°53	26°51	4°52	13°48	21°11	11°54	11°48	8°35	3°32	F 9
S 10	13 13 11	20°11'22	23°37	17° 3	5°40	24°50	11°46	26°47	4°53	13°49	21°10	11°D54	11°45	8°41	3°33	S 10
S 11	13 17 7	21°10'07	7♌41	19° 7	6°34	24°34	11°40	26°43	4°55	13°49	21° 9	11°54	11°41	8°48	3°34	S 11
M12	13 21 4	22° 8'49	22° 3	21°12	7°28	24°18	11°33	26°39	4°56	13°50	21° 7	11°55	11°38	8°55	3°35	M12
T 13	13 25 1	23° 7'29	6♍39	23°18	8°20	24° 2	11°26	26°35	4°57	13°50	21° 6	11°55	11°35	9° 1	3°36	T 13
W14	13 28 57	24° 6'07	21°25	25°24	9°12	23°47	11°19	26°31	4°59	13°51	21° 4	11°56	11°32	9° 8	3°37	W14
T 15	13 32 54	25° 4'42	6♎15	27°32	10° 4	23°33	11°12	26°27	5° 0	13°52	21° 3	11°R57	11°29	9°15	3°38	T 15
F 16	13 36 50	26° 3'15	21° 2	29°39	10°55	23°20	11° 5	26°24	5° 1	13°52	21° 2	11°57	11°26	9°21	3°39	F 16
S 17	13 40 47	27° 1'47	5♏38	1♉47	11°44	23° 8	10°58	26°20	5° 2	13°53	21° 0	11°56	11°22	9°28	3°40	S 17
S 18	13 44 43	28° 0'16	19°58	3°54	12°34	22°56	10°51	26°16	5° 3	13°54	20°59	11°54	11°19	9°35	3°42	S 18
M19	13 48 40	28°58'44	3♐56	6° 1	13°22	22°45	10°43	26°13	5° 4	13°55	20°57	11°52	11°16	9°41	3°43	M19
T 20	13 52 36	29°57'11	17°30	8° 7	14°10	22°35	10°36	26° 9	5° 5	13°56	20°56	11°50	11°13	9°48	3°45	T 20
W21	13 56 33	0♑55'35	0♑39	10°12	14°56	22°25	10°28	26° 6	5° 6	13°57	20°54	11°47	11°10	9°55	3°47	W21
T 22	14 0 30	1°53'58	13°25	12°16	15°42	22°17	10°21	26° 2	5° 7	13°57	20°53	11°46	11° 6	10° 1	3°49	T 22
F 23	14 4 26	2°52'20	25°50	14°18	16°27	22° 9	10°13	25°59	5° 8	13°58	20°51	11°44	11° 3	10° 8	3°51	F 23
S 24	14 8 23	3°50'39	7♒59	16°18	17°11	22° 2	10° 6	25°56	5° 9	13°59	20°49	11°D44	11° 0	10°15	3°53	S 24
S 25	14 12 19	4°48'58	19°56	18°16	17°54	21°55	9°58	25°53	5°10	14° 0	20°48	11°45	10°57	10°21	3°55	S 25
M26	14 16 16	5°47'14	1♓46	20°11	18°36	21°50	9°51	25°50	5°10	14° 1	20°46	11°47	10°54	10°28	3°57	M26
T 27	14 20 12	6°45'29	13°35	22° 4	19°17	21°45	9°43	25°47	5°11	14° 2	20°45	11°48	10°51	10°35	4° 0	T 27
W28	14 24 9	7°43'43	25°26	23°53	19°56	21°41	9°36	25°44	5°12	14° 4	20°43	11°50	10°47	10°41	4° 2	W28
T 29	14 28 5	8°41'54	7♈23	25°39	20°35	21°38	9°28	25°41	5°12	14° 5	20°41	11°R51	10°44	10°48	4° 5	T 29
F 30	14 32 2	9♉40'05	19♈29	27♉22	21♊12	21♍36	9♏20	25♍38	5♒13	14♋ 6	20♏40	11♈51	10♈41	10♓54	4♌ 7	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n30	1s32	1s12	2s 6	2s 3	22n42	3n15	3n44	3n 6	14s22	1n22	3n23	2n34	19s41	0s34	22n 3	0s43	3s45	14n52	4n44	4n50	11s25	12n23	7s12
F 2	4 53	4n13	0 6	1 18	1 59	23 0	3 19	3 50	3 4	14 20	1 22	3 24	2 34	19 41	0 34	22 3	0 43	3 45	14 52	4 44	4 49	11 21	12 24	7 12
S 3	5 16	9 53	1n 1	0 28	1 54	23 17	3 22	3 57	3 2	14 18	1 22	3 26	2 34	19 41	0 35	22 3	0 43	3 44	14 52	4 44	4 48	11 18	12 24	7 11
S 4	5 39	15 16	2 6	0n22	1 48	23 33	3 26	4 3	3 0	14 16	1 22	3 28	2 34	19 40	0 35	22 3	0 43	3 44	14 52	4 44	4 46	11 15	12 25	7 10
M 5	6 2	20 6	3 6	1 14	1 42	23 49	3 30	4 9	2 58	14 14	1 23	3 30	2 34	19 40	0 35	22 3	0 43	3 43	14 53	4 43	4 45	11 12	12 26	7 9
T 6	6 24	24 7	3 58	2 6	1 36	24 4	3 34	4 15	2 55	14 12	1 23	3 31	2 34	19 39	0 35	22 3	0 43	3 43	14 53	4 43	4 44	11 9	12 27	7 9
W 7	6 47	27 2	4 39	2 59	1 29	24 19	3 37	4 20	2 53	14 11	1 23	3 33	2 34	19 39	0 35	22 3	0 42	3 42	14 53	4 43	4 43	11 5	12 27	7 8
T 8	7 10	28 31	5 6	3 53	1 22	24 34	3 41	4 26	2 51	14 9	1 23	3 35	2 34	19 39	0 35	22 3	0 42	3 42	14 53	4 43	4 41	11 2	12 28	7 7
F 9	7 32	28 23	5 17	4 47	1 14	24 47	3 44	4 30	2 48	14 6	1 23	3 36	2 34	19 38	0 35	22 3	0 42	3 41	14 54	4 43	4 40	10 59	12 29	7 6
S 10	7 54	26 30	5 11	5 42	1 6	25 1	3 47	4 35	2 46	14 4	1 23	3 38	2 34	19 38	0 35	22 3	0 42	3 41	14 54	4 43	4 39	10 56	12 29	7 5
S 11	8 16	22 58	4 46	6 37	0 57	25 13	3 50	4 39	2 43	14 2	1 23	3 39	2 34	19 38	0 35	22 3	0 42	3 40	14 54	4 43	4 38	10 53	12 30	7 5
M12	8 38	18 0	4 3	7 33	0 48	25 25	3 53	4 43	2 40	14 0	1 23	3 41	2 34	19 37	0 35	22 3	0 42	3 39	14 54	4 43	4 37	10 49	12 31	7 4
T 13	9 0	11 55	3 3	8 29	0 38	25 37	3 56	4 47	2 38	13 58	1 23	3 42	2 33	19 37	0 35	22 3	0 42	3 39	14 54	4 43	4 35	10 46	12 31	7 3
W14	9 22	5 7	1 51	9 24	0 28	25 48	3 59	4 51	2 35	13 56	1 23	3 44	2 33	19 37	0 35	22 3	0 42	3 38	14 55	4 44	4 34	10 43	12 32	7 2
T 15	9 43	2s 0	0 32	10 20	0 18	25 59	4 2	4 54	2 33	13 54	1 23	3 45	2 33	19 37	0 35	22 3	0 42	3 38	14 55	4 44	4 33	10 40	12 32	7 1
F 16	10 5	9 0	0s50	11 15	0 7	26 9	4 5	4 57	2 30	13 52	1 23	3 47	2 33	19 36	0 35	22 3	0 42	3 37	14 55	4 44	4 32	10 37	12 33	7 1
S 17	10 26	15 25	2 7	12 10	0n 3	26 18	4 7	4 59	2 27	13 49	1 23	3 48	2 33	19 36	0 35	22 3	0 42	3 37	14 55	4 43	4 30	10 33	12 33	7 0
S 18	10 47	20 53	3 15	13 4	0 14	26 27	4 9	5 1	2 25	13 47	1 23	3 49	2 33	19 36	0 35	22 3	0 42	3 36	14 55	4 43	4 29	10 30	12 34	6 59
M19	11 8	25 3	4 9	13 56	0 25	26 36	4 11	5 3	2 22	13 45	1 23	3 51	2 33	19 36	0 35	22 3	0 42	3 36	14 55	4 42	4 28	10 27	12 34	6 58
T 20	11 28	27 40	4 48	14 48	0 36	26 44	4 13	5 5	2 19	13 43	1 23	3 52	2 33	19 35	0 35	22 3	0 42	3 35	14 55	4 41	4 27	10 24	12 34	6 57
W21	11 49	28 38	5 10	15 38	0 47	26 51	4 15	5 6	2 17	13 40	1 23	3 53	2 33	19 35	0 35	22 3	0 42	3 35	14 56	4 40	4 25	10 20	12 35	6 57
T 22	12 9	28 2	5 15	16 27	0 57	26 58	4 17	5 7	2 14	13 38	1 23	3 54	2 32	19 35	0 35	22 3	0 42	3 34	14 56	4 39	4 24	10 17	12 35	6 56
F 23	12 29	26 1	5 6	17 14	1 8	27 4	4 19	5 8	2 11	13 36	1 23	3 56	2 32	19 35	0 35	22 3	0 42	3 34	14 56	4 39	4 23	10 14	12 35	6 55
S 24	12 49	22 51	4 43	17 59	1 18	27 10	4 20	5 8	2 9	13 33	1 23	3 57	2 32	19 35	0 35	22 3	0 42	3 33	14 56	4 39	4 22	10 11	12 36	6 54
S 25	13 9	18 47	4 8	18 41	1 27	27 15	4 21	5 8	2 6	13 31	1 23	3 58	2 32	19 35	0 35	22 3	0 42	3 33	14 56	4 39	4 20	10 7	12 36	6 53
M26	13 28	14 1	3 23	19 22	1 36	27 20	4 22	5 8	2 3	13 29	1 23	3 59	2 32	19 34	0 35	22 3	0 42	3 32	14 56	4 40	4 19	10 4	12 36	6 53
T 27	13 47	8 46	2 29	20 0	1 45	27 24	4 23	5 7	2 1	13 26	1 23	4 0	2 32	19 34	0 35	22 2	0 42	3 32	14 56	4 40	4 18	10 1	12 37	6 52
W28	14 7	3 11	1 29	20 36	1 53	27 28	4 23	5 6	1 58	13 24	1 23	4 1	2 32	19 34	0 35	22 2	0 42	3 32	14 56	4 41	4 17	9 58	12 37	6 51
T 29	14 25	2n33	0 25	21 9	2 0	27 31	4 24	5 5	1 55	13 21	1 23	4 2	2 31	19 34	0 35	22 2	0 42	3 31	14 56	4 41	4 15	9 54	12 37	6 50
F 30	14n44	8n17	0n42	21n40	2n 7	27n34	4n24	5n 4	1n53	13s19	1n23	4n 3	2n31	19s34	0s35	22n 2	0s42	3s31	14n56	4n41	4n14	9s51	12n37	6s49

Julian Day Number = 2358498.5, Delta T = 14.65 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'02, Lahiri = 20°18'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

MAY 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 59	10♉38'13	1♉47	29♉ 1	21♊49	21°R34	9°R13	25°R35	5♒13	14♋ 7	20°R38	11°R49	10♈38	11♓ 1	4♌10	S 1
S 2	14 39 55	11°36'20	14°19	0♊37	22°23	21♍34	9♏ 5	25♍33	5°13	14° 8	20♏36	11♈46	10°35	11° 8	4°13	S 2
M 3	14 43 52	12°34'26	27° 5	2° 9	22°57	21°D34	8°57	25°30	5°14	14° 9	20°35	11°42	10°31	11°14	4°16	M 3
T 4	14 47 48	13°32'30	10♊ 6	3°37	23°29	21°34	8°50	25°28	5°14	14°11	20°33	11°37	10°28	11°21	4°19	T 4
W 5	14 51 45	14°30'32	23°20	5° 1	24° 0	21°36	8°42	25°26	5°14	14°12	20°32	11°32	10°25	11°28	4°22	W 5
T 6	14 55 41	15°28'32	6♋48	6°21	24°29	21°38	8°34	25°24	5°15	14°13	20°30	11°27	10°22	11°34	4°25	T 6
F 7	14 59 38	16°26'30	20°28	7°37	24°57	21°41	8°27	25°21	5°15	14°15	20°28	11°23	10°19	11°41	4°29	F 7
S 8	15 3 34	17°24'27	4♌19	8°49	25°23	21°45	8°19	25°19	5°15	14°16	20°27	11°21	10°16	11°48	4°32	S 8
S 9	15 7 31	18°22'21	18°20	9°57	25°47	21°49	8°12	25°18	5°15	14°17	20°25	11°D20	10°12	11°54	4°36	S 9
M10	15 11 28	19°20'14	2♍30	11° 1	26°10	21°54	8° 5	25°16	5°R15	14°19	20°23	11°21	10° 9	12° 1	4°39	M10
T 11	15 15 24	20°18'05	16°47	12° 0	26°31	22° 0	7°57	25°14	5°15	14°20	20°22	11°22	10° 6	12° 8	4°43	T 11
W12	15 19 21	21°15'54	1♎ 9	12°55	26°50	22° 7	7°50	25°12	5°15	14°22	20°20	11°23	10° 3	12°14	4°47	W12
T 13	15 23 17	22°13'41	15°33	13°45	27° 7	22°14	7°43	25°11	5°15	14°23	20°18	11°R23	10° 0	12°21	4°51	T 13
F 14	15 27 14	23°11'27	29°55	14°31	27°22	22°21	7°35	25° 9	5°14	14°25	20°17	11°22	9°57	12°28	4°55	F 14
S 15	15 31 10	24° 9'11	14♏10	15°13	27°35	22°30	7°28	25° 8	5°14	14°26	20°15	11°19	9°53	12°34	4°59	S 15
S 16	15 35 7	25° 6'54	28°14	15°49	27°46	22°39	7°21	25° 7	5°14	14°28	20°13	11°14	9°50	12°41	5° 3	S 16
M17	15 39 3	26° 4'36	12♐ 1	16°21	27°55	22°49	7°14	25° 6	5°14	14°29	20°12	11° 7	9°47	12°48	5° 7	M17
T 18	15 43 0	27° 2'16	25°29	16°49	28° 1	22°59	7° 8	25° 5	5°13	14°31	20°10	10°59	9°44	12°54	5°12	T 18
W19	15 46 57	27°59'55	8♑36	17°11	28° 6	23°10	7° 1	25° 4	5°13	14°33	20° 8	10°52	9°41	13° 1	5°16	W19
T 20	15 50 53	28°57'33	21°22	17°29	28°R 8	23°21	6°54	25° 3	5°12	14°34	20° 7	10°45	9°37	13° 8	5°21	T 20
F 21	15 54 50	29°55'10	3♒48	17°42	28° 7	23°33	6°48	25° 2	5°12	14°36	20° 5	10°40	9°34	13°14	5°25	F 21
S 22	15 58 46	0♊52'46	15°58	17°51	28° 5	23°46	6°41	25° 2	5°11	14°38	20° 3	10°37	9°31	13°21	5°30	S 22
S 23	16 2 43	1°50'21	27°56	17°R54	28° 0	23°59	6°35	25° 1	5°11	14°39	20° 2	10°D35	9°28	13°28	5°34	S 23
M24	16 6 39	2°47'55	9♓47	17°53	27°52	24°13	6°29	25° 1	5°10	14°41	20° 0	10°35	9°25	13°34	5°39	M24
T 25	16 10 36	3°45'28	21°36	17°48	27°42	24°27	6°22	25° 0	5° 9	14°43	19°58	10°36	9°22	13°41	5°44	T 25
W26	16 14 32	4°43'01	3♈29	17°38	27°30	24°42	6°16	25° 0	5° 8	14°45	19°57	10°37	9°18	13°48	5°49	W26
T 27	16 18 29	5°40'32	15°30	17°24	27°15	24°57	6°10	25° 0	5° 8	14°47	19°55	10°R38	9°15	13°54	5°54	T 27
F 28	16 22 26	6°38'02	27°43	17° 6	26°58	25°13	6° 5	25°D 0	5° 7	14°48	19°54	10°36	9°12	14° 1	5°59	F 28
S 29	16 26 22	7°35'32	10♉12	16°45	26°39	25°30	5°59	25° 0	5° 6	14°50	19°52	10°32	9° 9	14° 8	6° 4	S 29
S 30	16 30 19	8°33'01	22°59	16°20	26°17	25°46	5°54	25° 0	5° 5	14°52	19°50	10°26	9° 6	14°14	6°10	S 30
M31	16 34 15	9♊30'29	6♊ 5	15♊53	25♊54	26♍ 4	5♏48	25♍ 0	5♒ 4	14♋54	19♏49	10♈18	9♈ 3	14♓21	6♌15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	13n47	1n47	22n 8	2n13	27n36	4n24	5n 2	1n50	13s17	1n23	4n 4	2n31	19s34	0s35	22n 2	0s42	3s30	14n56	4n41	4n13	9s48	12n37	6s49
S 2	15 20	18 50	2 49	22 34	2 18	27 38	4 23	5 0	1 47	13 14	1 23	4 5	2 31	19 34	0 36	22 2	0 42	3 30	14 56	4 40	4 12	9 45	12 37	6 48
M 3	15 38	23 9	3 43	22 57	2 22	27 40	4 23	4 58	1 45	13 12	1 23	4 6	2 31	19 34	0 36	22 2	0 42	3 29	14 56	4 38	4 10	9 41	12 37	6 47
T 4	15 56	26 23	4 26	23 18	2 26	27 40	4 22	4 55	1 42	13 10	1 22	4 6	2 31	19 34	0 36	22 2	0 42	3 29	14 56	4 36	4 9	9 38	12 37	6 46
W 5	16 13	28 14	4 56	23 36	2 28	27 41	4 21	4 52	1 40	13 7	1 22	4 7	2 30	19 34	0 36	22 2	0 42	3 29	14 56	4 34	4 8	9 35	12 37	6 46
T 6	16 30	28 28	5 11	23 52	2 30	27 41	4 19	4 49	1 37	13 5	1 22	4 8	2 30	19 34	0 36	22 2	0 42	3 28	14 56	4 32	4 7	9 32	12 37	6 45
F 7	16 47	26 59	5 8	24 6	2 31	27 40	4 18	4 45	1 35	13 3	1 22	4 9	2 30	19 34	0 36	22 1	0 42	3 28	14 56	4 31	4 5	9 28	12 37	6 44
S 8	17 3	23 51	4 47	24 17	2 31	27 39	4 15	4 42	1 32	13 0	1 22	4 9	2 30	19 34	0 36	22 1	0 41	3 27	14 56	4 30	4 4	9 25	12 37	6 43
S 9	17 19	19 18	4 9	24 27	2 30	27 37	4 13	4 38	1 30	12 58	1 22	4 10	2 30	19 34	0 36	22 1	0 41	3 27	14 56	4 29	4 3	9 22	12 37	6 43
M10	17 35	13 39	3 16	24 34	2 28	27 35	4 10	4 33	1 28	12 56	1 22	4 10	2 30	19 34	0 36	22 1	0 41	3 27	14 56	4 30	4 2	9 19	12 37	6 42
T 11	17 51	7 13	2 10	24 39	2 25	27 33	4 7	4 29	1 25	12 54	1 22	4 11	2 29	19 34	0 36	22 1	0 41	3 26	14 56	4 30	4 0	9 15	12 37	6 41
W12	18 6	0 23	0 55	24 42	2 21	27 30	4 4	4 24	1 23	12 51	1 22	4 11	2 29	19 34	0 36	22 1	0 41	3 26	14 56	4 31	3 59	9 12	12 37	6 40
T 13	18 21	6s29	0s23	24 44	2 16	27 27	4 0	4 19	1 20	12 49	1 21	4 12	2 29	19 34	0 36	22 1	0 41	3 26	14 56	4 31	3 58	9 9	12 36	6 40
F 14	18 36	13 0	1 39	24 44	2 10	27 23	3 56	4 14	1 18	12 47	1 21	4 12	2 29	19 34	0 36	22 1	0 41	3 25	14 56	4 30	3 57	9 5	12 36	6 39
S 15	18 50	18 47	2 48	24 41	2 3	27 19	3 52	4 9	1 16	12 45	1 21	4 12	2 29	19 34	0 36	22 0	0 41	3 25	14 56	4 29	3 55	9 2	12 36	6 38
S 16	19 4	23 28	3 46	24 38	1 55	27 14	3 47	4 3	1 14	12 43	1 21	4 13	2 28	19 34	0 36	22 0	0 41	3 25	14 56	4 27	3 54	8 59	12 36	6 38
M17	19 18	26 43	4 30	24 32	1 46	27 9	3 41	3 57	1 11	12 41	1 21	4 13	2 28	19 34	0 36	22 0	0 41	3 24	14 56	4 24	3 53	8 56	12 35	6 37
T 18	19 32	28 21	4 57	24 25	1 36	27 3	3 36	3 51	1 9	12 38	1 21	4 13	2 28	19 34	0 36	22 0	0 41	3 24	14 56	4 21	3 52	8 52	12 35	6 36
W19	19 45	28 19	5 8	24 16	1 25	26 57	3 29	3 45	1 7	12 36	1 21	4 13	2 28	19 35	0 36	22 0	0 41	3 24	14 55	4 18	3 50	8 49	12 35	6 36
T 20	19 57	26 45	5 3	24 6	1 14	26 50	3 23	3 38	1 5	12 34	1 20	4 14	2 28	19 35	0 36	22 0	0 41	3 24	14 55	4 16	3 49	8 46	12 34	6 35
F 21	20 10	23 55	4 43	23 55	1 1	26 43	3 15	3 31	1 3	12 32	1 20	4 14	2 27	19 35	0 36	22 0	0 41	3 23	14 55	4 14	3 48	8 42	12 34	6 34
S 22	20 22	20 4	4 12	23 42	0 47	26 35	3 8	3 24	1 1	12 30	1 20	4 14	2 27	19 35	0 36	21 59	0 41	3 23	14 55	4 12	3 47	8 39	12 33	6 34
S 23	20 34	15 29	3 29	23 28	0 33	26 27	3 0	3 17	0 59	12 29	1 20	4 14	2 27	19 35	0 36	21 59	0 41	3 23	14 55	4 12	3 45	8 36	12 33	6 33
M24	20 45	10 21	2 38	23 13	0 18	26 19	2 51	3 10	0 57	12 27	1 20	4 14	2 27	19 36	0 36	21 59	0 41	3 23	14 55	4 12	3 44	8 33	12 32	6 32
T 25	20 56	4 52	1 41	22 57	0 2	26 9	2 42	3 2	0 54	12 25	1 19	4 14	2 27	19 36	0 36	21 59	0 41	3 22	14 54	4 12	3 43	8 29	12 32	6 32
W26	21 7	0n48	0 38	22 40	0s14	26 0	2 33	2 55	0 52	12 23	1 19	4 14	2 26	19 36	0 36	21 59	0 41	3 22	14 54	4 13	3 42	8 26	12 31	6 31
T 27	21 17	6 31	0n26	22 22	0 31	25 49	2 23	2 47	0 51	12 21	1 19	4 13	2 26	19 36	0 36	21 59	0 41	3 22	14 54	4 13	3 40	8 23	12 31	6 30
F 28	21 27	12 5	1 30	22 3	0 48	25 38	2 12	2 39	0 49	12 20	1 19	4 13	2 26	19 36	0 36	21 58	0 41	3 22	14 54	4 12	3 39	8 19	12 30	6 30
S 29	21 37	17 18	2 32	21 44	1 5	25 27	2 1	2 30	0 47	12 18	1 19	4 13	2 26	19 37	0 36	21 58	0 41	3 21	14 54	4 11	3 38	8 16	12 30	6 29
S 30	21 46	21 52	3 27	21 24	1 22	25 15	1 50	2 22	0 45	12 16	1 18	4 13	2 25	19 37	0 37	21 58	0 41	3 21	14 53	4 8	3 37	8 13	12 29	6 28
M31	21n55	25n29	4n12	21n 4	1s40	25n 2	1n38	2n13	0n43	12s15	1n18	4n12	2n25	19s37	0s37	21n58	0s41	3s21	14n53	4n 5	3n35	8s 9	12n28	6s28

Julian Day Number = 2358528.5, Delta T = 14.67 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'06, Lahiri = 20°18'06Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

JUNE 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 12	10♊27'56	19♊29	15°R23	25°R28	26♍22	5°R43	25♍ 1	5°R 3	14♋56	19°R47	10°R 8	8♈59	14♓28	6♌20	T 1
W 2	16 42 8	11°25'22	3♋ 9	14♊52	25♊ 0	26°40	5♏38	25° 1	5♒ 2	14°58	19♏46	9♈58	8°56	14°34	6°26	W 2
T 3	16 46 5	12°22'47	17° 1	14°19	24°30	26°59	5°33	25° 2	5° 1	15° 0	19°44	9°49	8°53	14°41	6°32	T 3
F 4	16 50 2	13°20'11	1♌ 3	13°46	23°59	27°18	5°28	25° 3	5° 0	15° 2	19°43	9°41	8°50	14°48	6°37	F 4
S 5	16 53 58	14°17'34	15°10	13°12	23°26	27°37	5°23	25° 3	4°58	15° 4	19°41	9°36	8°47	14°54	6°43	S 5
S 6	16 57 55	15°14'56	29°19	12°39	22°52	27°57	5°19	25° 4	4°57	15° 6	19°40	9°33	8°43	15° 1	6°49	S 6
M 7	17 1 51	16°12'17	13♍28	12° 7	22°17	28°18	5°15	25° 5	4°56	15° 8	19°38	9°D32	8°40	15° 8	6°54	M 7
T 8	17 5 48	17° 9'36	27°36	11°36	21°40	28°39	5°10	25° 6	4°55	15°10	19°37	9°32	8°37	15°14	7° 0	T 8
W 9	17 9 44	18° 6'55	11♎41	11° 8	21° 3	29° 0	5° 6	25° 8	4°53	15°12	19°36	9°R32	8°34	15°21	7° 6	W 9
T 10	17 13 41	19° 4'12	25°43	10°42	20°26	29°22	5° 3	25° 9	4°52	15°14	19°34	9°31	8°31	15°28	7°12	T 10
F 11	17 17 37	20° 1'29	9♏40	10°19	19°48	29°44	4°59	25°10	4°50	15°16	19°33	9°28	8°28	15°34	7°18	F 11
S 12	17 21 34	20°58'45	23°30	9°59	19°11	0♎ 6	4°55	25°12	4°49	15°18	19°31	9°23	8°24	15°41	7°24	S 12
S 13	17 25 31	21°56'00	7♐10	9°44	18°33	0°29	4°52	25°13	4°47	15°20	19°30	9°14	8°21	15°48	7°31	S 13
M14	17 29 27	22°53'15	20°38	9°32	17°56	0°52	4°49	25°15	4°46	15°22	19°29	9° 4	8°18	15°54	7°37	M14
T 15	17 33 24	23°50'29	3♑50	9°24	17°20	1°15	4°46	25°17	4°44	15°24	19°28	8°52	8°15	16° 1	7°43	T 15
W16	17 37 20	24°47'43	16°46	9°D21	16°45	1°39	4°43	25°19	4°43	15°26	19°26	8°40	8°12	16° 8	7°49	W16
T 17	17 41 17	25°44'56	29°24	9°22	16°11	2° 3	4°40	25°21	4°41	15°28	19°25	8°29	8° 9	16°14	7°56	T 17
F 18	17 45 13	26°42'09	11♒46	9°28	15°38	2°28	4°38	25°23	4°39	15°30	19°24	8°20	8° 5	16°21	8° 2	F 18
S 19	17 49 10	27°39'22	23°54	9°38	15° 7	2°53	4°36	25°25	4°37	15°32	19°23	8°14	8° 2	16°28	8° 9	S 19
S 20	17 53 6	28°36'34	5♓51	9°54	14°38	3°18	4°33	25°27	4°36	15°35	19°21	8°10	7°59	16°34	8°15	S 20
M21	17 57 3	29°33'47	17°41	10°14	14°11	3°43	4°31	25°30	4°34	15°37	19°20	8° 8	7°56	16°41	8°22	M21
T 22	18 1 0	0♋30'59	29°30	10°38	13°45	4° 9	4°30	25°32	4°32	15°39	19°19	8°D 7	7°53	16°47	8°29	T 22
W23	18 4 56	1°28'12	11♈23	11° 8	13°22	4°35	4°28	25°35	4°30	15°41	19°18	8°R 7	7°49	16°54	8°35	W23
T 24	18 8 53	2°25'24	23°25	11°42	13° 1	5° 2	4°27	25°37	4°28	15°43	19°17	8° 7	7°46	17° 1	8°42	T 24
F 25	18 12 49	3°22'36	5♉42	12°21	12°42	5°28	4°25	25°40	4°26	15°45	19°16	8° 4	7°43	17° 7	8°49	F 25
S 26	18 16 46	4°19'49	18°17	13° 4	12°26	5°55	4°24	25°43	4°24	15°48	19°15	8° 0	7°40	17°14	8°56	S 26
S 27	18 20 42	5°17'02	1♊14	13°51	12°12	6°23	4°23	25°46	4°23	15°50	19°14	7°53	7°37	17°21	9° 3	S 27
M28	18 24 39	6°14'14	14°35	14°44	12° 0	6°50	4°23	25°49	4°21	15°52	19°13	7°43	7°34	17°27	9°10	M28
T 29	18 28 35	7°11'27	28°18	15°40	11°51	7°18	4°22	25°52	4°18	15°54	19°12	7°32	7°30	17°34	9°17	T 29
W30	18 32 32	8♋ 8'40	12♋22	16♊41	11♊44	7♎46	4♏22	25♍55	4♒16	15♋56	19♏11	7♈20	7♈27	17♓41	9♌24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	27n47	4n45	20n44	1s57	24n49	1n26	2n 5	0n41	12s13	1n18	4n12	2n25	19s37	0s37	21n58	0s41	3s21	14n53	4n 1	3n34	8s 6	12n28	6s27
W 2	22 11	28 28	5 2	20 24	2 14	24 36	1 13	1 56	0 39	12 12	1 18	4 12	2 25	19 38	0 37	21 57	0 41	3 21	14 53	3 57	3 33	8 3	12 27	6 27
T 3	22 19	27 22	5 1	20 4	2 30	24 22	1 0	1 47	0 37	12 10	1 18	4 11	2 25	19 38	0 37	21 57	0 41	3 21	14 52	3 54	3 32	7 59	12 26	6 26
F 4	22 26	24 33	4 43	19 45	2 45	24 7	0 47	1 37	0 36	12 9	1 17	4 11	2 24	19 38	0 37	21 57	0 41	3 21	14 52	3 51	3 30	7 56	12 25	6 25
S 5	22 33	20 15	4 8	19 26	3 0	23 52	0 33	1 28	0 34	12 8	1 17	4 10	2 24	19 39	0 37	21 57	0 41	3 21	14 52	3 48	3 29	7 53	12 24	6 25
S 6	22 39	14 48	3 17	19 9	3 14	23 36	0 19	1 18	0 32	12 6	1 17	4 10	2 24	19 39	0 37	21 57	0 41	3 20	14 52	3 47	3 28	7 49	12 24	6 24
M 7	22 46	8 34	2 14	18 52	3 27	23 20	0 5	1 9	0 30	12 5	1 17	4 9	2 24	19 39	0 37	21 56	0 41	3 20	14 51	3 47	3 27	7 46	12 23	6 24
T 8	22 51	1 55	1 3	18 36	3 38	23 4	0s 9	0 59	0 29	12 4	1 16	4 8	2 23	19 40	0 37	21 56	0 41	3 20	14 51	3 47	3 25	7 43	12 22	6 23
W 9	22 57	4s48	0s11	18 22	3 48	22 48	0 23	0 49	0 27	12 3	1 16	4 8	2 23	19 40	0 37	21 56	0 41	3 20	14 51	3 47	3 24	7 39	12 21	6 23
T 10	23 1	11 16	1 25	18 10	3 57	22 31	0 37	0 39	0 25	12 2	1 16	4 7	2 23	19 40	0 37	21 56	0 41	3 20	14 50	3 47	3 23	7 36	12 20	6 22
F 11	23 6	17 9	2 33	17 59	4 5	22 14	0 51	0 28	0 24	12 1	1 16	4 6	2 23	19 41	0 37	21 56	0 41	3 20	14 50	3 45	3 22	7 33	12 19	6 22
S 12	23 10	22 5	3 31	17 50	4 11	21 57	1 5	0 18	0 22	12 0	1 15	4 6	2 23	19 41	0 37	21 55	0 41	3 20	14 50	3 43	3 20	7 29	12 18	6 21
S 13	23 14	25 45	4 16	17 43	4 16	21 40	1 19	0 7	0 20	11 59	1 15	4 5	2 22	19 42	0 37	21 55	0 41	3 20	14 49	3 40	3 19	7 26	12 17	6 21
M14	23 17	27 54	4 46	17 38	4 20	21 23	1 33	0s 3	0 19	11 58	1 15	4 4	2 22	19 42	0 37	21 55	0 41	3 20	14 49	3 36	3 18	7 23	12 16	6 20
T 15	23 20	28 25	5 0	17 35	4 22	21 7	1 46	0 14	0 17	11 57	1 15	4 3	2 22	19 42	0 37	21 55	0 41	3 20	14 49	3 31	3 17	7 19	12 15	6 20
W16	23 22	27 21	4 58	17 33	4 23	20 50	1 59	0 25	0 16	11 57	1 14	4 2	2 22	19 43	0 37	21 55	0 41	3 20	14 48	3 26	3 15	7 16	12 14	6 19
T 17	23 24	24 54	4 42	17 34	4 23	20 34	2 12	0 36	0 14	11 56	1 14	4 1	2 22	19 43	0 37	21 54	0 41	3 20	14 48	3 22	3 14	7 13	12 13	6 19
F 18	23 26	21 19	4 12	17 36	4 21	20 19	2 24	0 47	0 13	11 55	1 14	4 0	2 21	19 44	0 37	21 54	0 40	3 20	14 48	3 19	3 13	7 9	12 11	6 18
S 19	23 27	16 54	3 32	17 40	4 18	20 3	2 36	0 58	0 11	11 55	1 14	3 59	2 21	19 44	0 37	21 54	0 40	3 20	14 47	3 16	3 12	7 6	12 10	6 18
S 20	23 28	11 53	2 42	17 46	4 15	19 49	2 48	1 10	0 10	11 54	1 13	3 58	2 21	19 45	0 37	21 54	0 40	3 20	14 47	3 14	3 10	7 3	12 9	6 17
M21	23 28	6 30	1 46	17 54	4 10	19 35	2 59	1 21	0 8	11 54	1 13	3 57	2 21	19 45	0 37	21 53	0 40	3 20	14 46	3 14	3 9	6 59	12 8	6 17
T 22	23 28	0 54	0 46	18 3	4 4	19 21	3 9	1 33	0 7	11 54	1 13	3 55	2 20	19 45	0 37	21 53	0 40	3 21	14 46	3 14	3 8	6 56	12 7	6 16
W23	23 28	4n46	0n17	18 13	3 58	19 9	3 19	1 44	0 6	11 53	1 13	3 54	2 20	19 46	0 37	21 53	0 40	3 21	14 46	3 14	3 7	6 53	12 5	6 16
T 24	23 27	10 21	1 20	18 25	3 50	18 57	3 28	1 56	0 4	11 53	1 12	3 53	2 20	19 46	0 37	21 53	0 40	3 21	14 45	3 13	3 5	6 49	12 4	6 15
F 25	23 26	15 39	2 20	18 38	3 42	18 46	3 37	2 8	0 3	11 53	1 12	3 52	2 20	19 47	0 37	21 52	0 40	3 21	14 45	3 12	3 4	6 46	12 3	6 15
S 26	23 24	20 25	3 15	18 53	3 33	18 35	3 46	2 20	0 2	11 53	1 12	3 50	2 20	19 47	0 37	21 52	0 40	3 21	14 44	3 11	3 3	6 42	12 1	6 14
S 27	23 22	24 23	4 2	19 8	3 24	18 26	3 54	2 32	0 0	11 53	1 11	3 49	2 19	19 48	0 37	21 52	0 40	3 21	14 44	3 8	3 2	6 39	12 0	6 14
M28	23 20	27 10	4 37	19 24	3 13	18 17	4 1	2 44	0s 1	11 53	1 11	3 48	2 19	19 48	0 37	21 52	0 40	3 21	14 44	3 4	3 0	6 36	11 59	6 14
T 29	23 17	28 24	4 57	19 40	3 3	18 9	4 8	2 56	0 2	11 53	1 11	3 46	2 19	19 49	0 37	21 51	0 40	3 22	14 43	3 0	2 59	6 32	11 57	6 13
W30	23n13	27n52	4n59	19n58	2s52	18n 2	4s14	3s 9	0s 4	11s53	1n11	3n45	2n19	19s49	0s37	21n51	0s40	3s22	14n43	2n55	2n58	6s29	11n56	6s13

Julian Day Number = 2358559.5, Delta T = 14.70 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'10, Lahiri = 20°18'10Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

JULY 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 29	9♋ 5'53	26♋40	17♊46	11°R39	8♎15	4°D22	25♍59	4°R14	15♋59	19°R10	7°R 9	7♈24	17♓47	9♌31	T 1
F 2	18 40 25	10° 3'06	11♌ 7	18°55	11°D37	8°43	4♏22	26° 2	4♒12	16° 1	19♏ 9	7♈ 0	7°21	17°54	9°38	F 2
S 3	18 44 22	11° 0'18	25°36	20° 8	11♊37	9°12	4°22	26° 5	4°10	16° 3	19° 8	6°53	7°18	18° 1	9°45	S 3
S 4	18 48 18	11°57'30	10♍ 3	21°26	11°39	9°41	4°22	26° 9	4° 8	16° 5	19° 7	6°49	7°15	18° 7	9°52	S 4
M 5	18 52 15	12°54'43	24°23	22°47	11°44	10°11	4°23	26°13	4° 6	16° 8	19° 6	6°47	7°11	18°14	9°59	M 5
T 6	18 56 11	13°51'54	8♎33	24°12	11°51	10°40	4°23	26°16	4° 4	16°10	19° 6	6°47	7° 8	18°21	10° 7	T 6
W 7	19 0 8	14°49'06	22°33	25°42	12° 0	11°10	4°24	26°20	4° 1	16°12	19° 5	6°47	7° 5	18°27	10°14	W 7
T 8	19 4 4	15°46'18	6♏22	27°15	12°11	11°40	4°25	26°24	3°59	16°14	19° 4	6°46	7° 2	18°34	10°21	T 8
F 9	19 8 1	16°43'30	20° 0	28°51	12°24	12°11	4°27	26°28	3°57	16°16	19° 3	6°42	6°59	18°41	10°29	F 9
S 10	19 11 58	17°40'42	3♐28	0♋32	12°39	12°41	4°28	26°32	3°55	16°19	19° 3	6°36	6°55	18°47	10°36	S 10
S 11	19 15 54	18°37'54	16°45	2°15	12°56	13°12	4°30	26°36	3°52	16°21	19° 2	6°28	6°52	18°54	10°44	S 11
M12	19 19 51	19°35'06	29°50	4° 3	13°15	13°43	4°32	26°40	3°50	16°23	19° 2	6°17	6°49	19° 1	10°51	M12
T 13	19 23 47	20°32'19	12♑42	5°53	13°36	14°15	4°34	26°45	3°48	16°25	19° 1	6° 5	6°46	19° 7	10°58	T 13
W14	19 27 44	21°29'31	25°22	7°46	13°58	14°46	4°36	26°49	3°45	16°28	19° 0	5°53	6°43	19°14	11° 6	W14
T 15	19 31 40	22°26'45	7♒48	9°42	14°22	15°18	4°38	26°53	3°43	16°30	19° 0	5°41	6°40	19°21	11°14	T 15
F 16	19 35 37	23°23'59	20° 1	11°41	14°48	15°50	4°41	26°58	3°41	16°32	18°59	5°32	6°36	19°27	11°21	F 16
S 17	19 39 34	24°21'13	2♓ 3	13°41	15°15	16°22	4°43	27° 3	3°38	16°34	18°59	5°25	6°33	19°34	11°29	S 17
S 18	19 43 30	25°18'28	13°56	15°43	15°44	16°54	4°46	27° 7	3°36	16°36	18°59	5°20	6°30	19°40	11°36	S 18
M19	19 47 27	26°15'44	25°45	17°47	16°14	17°27	4°49	27°12	3°34	16°39	18°58	5°18	6°27	19°47	11°44	M19
T 20	19 51 23	27°13'00	7♈33	19°53	16°46	17°59	4°52	27°17	3°31	16°41	18°58	5°D18	6°24	19°54	11°52	T 20
W21	19 55 20	28°10'18	19°25	21°59	17°19	18°32	4°56	27°22	3°29	16°43	18°58	5°18	6°21	20° 0	11°59	W21
T 22	19 59 16	29° 7'36	1♉26	24° 5	17°54	19° 5	4°59	27°27	3°27	16°45	18°57	5°R18	6°17	20° 7	12° 7	T 22
F 23	20 3 13	0♌ 4'56	13°42	26°12	18°29	19°39	5° 3	27°32	3°24	16°47	18°57	5°18	6°14	20°14	12°15	F 23
S 24	20 7 9	1° 2'16	26°18	28°19	19° 6	20°12	5° 7	27°37	3°22	16°50	18°57	5°15	6°11	20°20	12°22	S 24
S 25	20 11 6	1°59'38	9♊18	0♌26	19°44	20°46	5°11	27°42	3°19	16°52	18°57	5°10	6° 8	20°27	12°30	S 25
M26	20 15 3	2°57'00	22°45	2°32	20°24	21°20	5°15	27°47	3°17	16°54	18°57	5° 3	6° 5	20°34	12°38	M26
T 27	20 18 59	3°54'24	6♋38	4°37	21° 4	21°54	5°19	27°52	3°15	16°56	18°56	4°54	6° 1	20°40	12°46	T 27
W28	20 22 56	4°51'48	20°56	6°42	21°45	22°28	5°24	27°58	3°12	16°58	18°56	4°44	5°58	20°47	12°54	W28
T 29	20 26 52	5°49'14	5♌33	8°45	22°27	23° 2	5°28	28° 3	3°10	17° 0	18°56	4°35	5°55	20°54	13° 1	T 29
F 30	20 30 49	6°46'40	20°22	10°47	23°11	23°37	5°33	28° 9	3° 7	17° 3	18°D56	4°28	5°52	21° 0	13° 9	F 30
S 31	20 34 45	7♌44'07	5♍15	12♌48	23♊55	24♎11	5♏38	28♍14	3♒ 5	17♋ 5	18♏56	4♈23	5♈49	21♓ 7	13♌17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	25n29	4n43	20n15	2s40	17n56	4s20	3s21	0s 5	11s53	1n10	3n43	2n19	19s50	0s37	21n51	0s40	3s22	14n42	2n50	2n56	6s26	11n54	6s13
F 2	23 6	21 28	4 9	20 33	2 28	17 50	4 25	3 33	0 6	11 54	1 10	3 42	2 18	19 50	0 37	21 51	0 40	3 22	14 42	2 47	2 55	6 22	11 53	6 12
S 3	23 1	16 8	3 19	20 51	2 16	17 45	4 30	3 46	0 8	11 54	1 10	3 40	2 18	19 51	0 37	21 51	0 40	3 22	14 41	2 44	2 54	6 19	11 51	6 12
S 4	22 56	9 55	2 16	21 9	2 3	17 41	4 34	3 59	0 9	11 54	1 10	3 39	2 18	19 51	0 37	21 50	0 40	3 23	14 41	2 43	2 53	6 15	11 50	6 11
M 5	22 51	3 14	1 5	21 26	1 50	17 38	4 38	4 11	0 10	11 55	1 9	3 37	2 18	19 52	0 37	21 50	0 40	3 23	14 40	2 42	2 51	6 12	11 48	6 11
T 6	22 45	3s32	0s 9	21 43	1 38	17 36	4 41	4 24	0 11	11 55	1 9	3 35	2 18	19 53	0 37	21 50	0 40	3 23	14 40	2 42	2 50	6 9	11 47	6 11
W 7	22 39	10 4	1 22	22 0	1 25	17 34	4 45	4 37	0 12	11 56	1 9	3 34	2 17	19 53	0 37	21 49	0 40	3 23	14 39	2 42	2 49	6 5	11 45	6 10
T 8	22 32	16 1	2 30	22 15	1 11	17 32	4 47	4 50	0 14	11 56	1 8	3 32	2 17	19 54	0 38	21 49	0 40	3 24	14 39	2 41	2 48	6 2	11 44	6 10
F 9	22 26	21 6	3 27	22 30	0 58	17 32	4 49	5 3	0 15	11 57	1 8	3 30	2 17	19 54	0 38	21 49	0 40	3 24	14 38	2 40	2 46	5 59	11 42	6 10
S 10	22 18	25 1	4 13	22 43	0 46	17 32	4 51	5 16	0 16	11 58	1 8	3 28	2 17	19 55	0 38	21 49	0 40	3 24	14 38	2 38	2 45	5 55	11 40	6 9
S 11	22 11	27 31	4 44	22 55	0 33	17 33	4 53	5 29	0 17	11 59	1 8	3 27	2 17	19 55	0 38	21 48	0 40	3 25	14 37	2 34	2 44	5 52	11 39	6 9
M12	22 3	28 28	4 59	23 5	0 20	17 34	4 54	5 42	0 18	11 59	1 7	3 25	2 17	19 56	0 38	21 48	0 40	3 25	14 37	2 30	2 43	5 48	11 37	6 9
T 13	21 54	27 50	4 59	23 13	0 8	17 35	4 55	5 55	0 19	12 0	1 7	3 23	2 16	19 56	0 38	21 48	0 40	3 25	14 36	2 25	2 41	5 45	11 35	6 9
W14	21 45	25 45	4 44	23 19	0n 4	17 37	4 55	6 8	0 20	12 1	1 7	3 21	2 16	19 57	0 38	21 48	0 40	3 26	14 36	2 20	2 40	5 42	11 34	6 8
T 15	21 36	22 28	4 16	23 23	0 15	17 40	4 56	6 22	0 21	12 2	1 7	3 19	2 16	19 58	0 38	21 47	0 40	3 26	14 35	2 16	2 39	5 38	11 32	6 8
F 16	21 27	18 15	3 36	23 24	0 26	17 43	4 56	6 35	0 22	12 3	1 6	3 17	2 16	19 58	0 38	21 47	0 40	3 26	14 35	2 12	2 38	5 35	11 30	6 8
S 17	21 17	13 21	2 47	23 23	0 37	17 46	4 55	6 48	0 23	12 5	1 6	3 15	2 16	19 59	0 38	21 47	0 40	3 27	14 34	2 9	2 36	5 31	11 28	6 8
S 18	21 6	8 2	1 51	23 19	0 47	17 50	4 55	7 2	0 25	12 6	1 6	3 13	2 16	19 59	0 38	21 47	0 40	3 27	14 34	2 7	2 35	5 28	11 26	6 7
M19	20 56	2 28	0 51	23 13	0 56	17 53	4 54	7 15	0 26	12 7	1 6	3 11	2 15	20 0	0 38	21 46	0 40	3 28	14 33	2 7	2 34	5 25	11 25	6 7
T 20	20 45	3n11	0n12	23 4	1 4	17 58	4 53	7 29	0 27	12 8	1 5	3 9	2 15	20 0	0 38	21 46	0 40	3 28	14 33	2 6	2 33	5 21	11 23	6 7
W21	20 33	8 45	1 15	22 52	1 12	18 2	4 51	7 42	0 28	12 10	1 5	3 7	2 15	20 1	0 38	21 46	0 40	3 28	14 32	2 7	2 31	5 18	11 21	6 7
T 22	20 22	14 6	2 15	22 37	1 19	18 7	4 50	7 56	0 29	12 11	1 5	3 5	2 15	20 1	0 38	21 46	0 40	3 29	14 32	2 7	2 30	5 14	11 19	6 6
F 23	20 10	19 0	3 10	22 20	1 25	18 11	4 48	8 9	0 30	12 13	1 4	3 3	2 15	20 2	0 38	21 45	0 40	3 29	14 31	2 6	2 29	5 11	11 17	6 6
S 24	19 57	23 12	3 57	22 0	1 31	18 16	4 46	8 23	0 31	12 14	1 4	3 0	2 15	20 3	0 38	21 45	0 40	3 30	14 31	2 5	2 28	5 8	11 15	6 6
S 25	19 45	26 24	4 34	21 38	1 35	18 21	4 44	8 36	0 31	12 16	1 4	2 58	2 14	20 3	0 38	21 45	0 40	3 30	14 30	2 3	2 26	5 4	11 13	6 6
M26	19 32	28 14	4 58	21 14	1 39	18 26	4 42	8 50	0 32	12 17	1 4	2 56	2 14	20 4	0 38	21 45	0 40	3 31	14 30	2 0	2 25	5 1	11 11	6 6
T 27	19 18	28 22	5 4	20 47	1 42	18 31	4 40	9 3	0 33	12 19	1 3	2 54	2 14	20 4	0 38	21 44	0 40	3 31	14 29	1 57	2 24	4 57	11 9	6 6
W28	19 5	26 40	4 53	20 18	1 44	18 36	4 37	9 17	0 34	12 21	1 3	2 52	2 14	20 5	0 38	21 44	0 40	3 32	14 28	1 53	2 23	4 54	11 7	6 5
T 29	18 51	23 8	4 22	19 48	1 46	18 42	4 34	9 31	0 35	12 23	1 3	2 49	2 14	20 5	0 38	21 44	0 40	3 32	14 28	1 50	2 21	4 51	11 5	6 5
F 30	18 36	18 5	3 33	19 16	1 46	18 47	4 32	9 44	0 36	12 24	1 3	2 47	2 14	20 6	0 38	21 43	0 40	3 33	14 27	1 47	2 20	4 47	11 3	6 5
S 31	18n22	11n55	2n29	18n42	1n47	18n52	4s29	9s58	0s37	12s26	1n 2	2n45	2n14	20s 7	0s38	21n43	0s40	3s33	14n27	1n45	2n19	4s44	11n 1	6s 5

Julian Day Number = 2358589.5, Delta T = 14.72 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'14, Lahiri = 20°18'14Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

AUGUST 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 42	8♌41'35	20♍ 3	14♌48	24♊40	24♎46	5♏43	28♍20	3°R 3	17♋ 7	18♏56	4°R20	5♈46	21♓14	13♌25	S 1
M 2	20 42 38	9°39'04	4♎41	16°46	25°26	25°21	5°49	28°25	3♒ 0	17° 9	18°56	4°D19	5°42	21°20	13°33	M 2
T 3	20 46 35	10°36'33	19° 4	18°43	26°13	25°57	5°54	28°31	2°58	17°11	18°57	4♈20	5°39	21°27	13°40	T 3
W 4	20 50 32	11°34'04	3♏ 9	20°39	27° 0	26°32	6° 0	28°37	2°56	17°13	18°57	4°20	5°36	21°34	13°48	W 4
T 5	20 54 28	12°31'35	16°56	22°32	27°48	27° 8	6° 5	28°43	2°53	17°15	18°57	4°R21	5°33	21°40	13°56	T 5
F 6	20 58 25	13°29'06	0♐26	24°25	28°37	27°43	6°11	28°49	2°51	17°17	18°57	4°19	5°30	21°47	14° 4	F 6
S 7	21 2 21	14°26'39	13°40	26°16	29°27	28°19	6°17	28°55	2°48	17°19	18°57	4°16	5°27	21°53	14°12	S 7
S 8	21 6 18	15°24'13	26°40	28° 5	0♋18	28°55	6°23	29° 1	2°46	17°21	18°58	4°10	5°23	22° 0	14°20	S 8
M 9	21 10 14	16°21'48	9♑26	29°53	1° 9	29°31	6°30	29° 7	2°44	17°23	18°58	4° 3	5°20	22° 7	14°28	M 9
T 10	21 14 11	17°19'23	22° 0	1♍39	2° 1	0♏ 8	6°36	29°13	2°42	17°25	18°58	3°55	5°17	22°13	14°36	T 10
W11	21 18 7	18°17'00	4♒22	3°24	2°53	0°44	6°43	29°19	2°39	17°27	18°59	3°47	5°14	22°20	14°43	W11
T 12	21 22 4	19°14'38	16°34	5° 7	3°46	1°21	6°49	29°25	2°37	17°29	18°59	3°39	5°11	22°27	14°51	T 12
F 13	21 26 1	20°12'17	28°37	6°49	4°40	1°58	6°56	29°31	2°35	17°31	19° 0	3°33	5° 7	22°33	14°59	F 13
S 14	21 29 57	21° 9'58	10♓32	8°29	5°34	2°35	7° 3	29°38	2°33	17°33	19° 0	3°28	5° 4	22°40	15° 7	S 14
S 15	21 33 54	22° 7'40	22°22	10° 8	6°28	3°12	7°10	29°44	2°30	17°35	19° 1	3°26	5° 1	22°47	15°15	S 15
M16	21 37 50	23° 5'23	4♈ 9	11°46	7°24	3°49	7°18	29°51	2°28	17°37	19° 1	3°D25	4°58	22°53	15°23	M16
T 17	21 41 47	24° 3'08	15°56	13°22	8°20	4°26	7°25	29°57	2°26	17°39	19° 2	3°26	4°55	23° 0	15°31	T 17
W18	21 45 43	25° 0'55	27°48	14°56	9°16	5° 4	7°33	0♎ 3	2°24	17°41	19° 2	3°27	4°52	23° 7	15°38	W18
T 19	21 49 40	25°58'43	9♉49	16°30	10°13	5°41	7°40	0°10	2°22	17°42	19° 3	3°29	4°48	23°13	15°46	T 19
F 20	21 53 36	26°56'33	22° 5	18° 2	11°10	6°19	7°48	0°17	2°19	17°44	19° 4	3°R30	4°45	23°20	15°54	F 20
S 21	21 57 33	27°54'25	4♊38	19°32	12° 8	6°57	7°56	0°23	2°17	17°46	19° 5	3°30	4°42	23°27	16° 2	S 21
S 22	22 1 30	28°52'19	17°36	21° 1	13° 6	7°35	8° 4	0°30	2°15	17°48	19° 5	3°28	4°39	23°33	16°10	S 22
M23	22 5 26	29°50'14	0♋59	22°29	14° 4	8°13	8°12	0°37	2°13	17°50	19° 6	3°25	4°36	23°40	16°17	M23
T 24	22 9 23	0♍48'12	14°51	23°55	15° 3	8°51	8°20	0°43	2°11	17°51	19° 7	3°21	4°33	23°47	16°25	T 24
W25	22 13 19	1°46'11	29°10	25°19	16° 3	9°30	8°29	0°50	2° 9	17°53	19° 8	3°17	4°29	23°53	16°33	W25
T 26	22 17 16	2°44'12	13♌53	26°43	17° 2	10° 8	8°37	0°57	2° 7	17°55	19° 9	3°12	4°26	24° 0	16°41	T 26
F 27	22 21 12	3°42'15	28°52	28° 4	18° 3	10°47	8°46	1° 4	2° 5	17°56	19°10	3° 9	4°23	24° 6	16°48	F 27
S 28	22 25 9	4°40'19	14♍ 0	29°24	19° 3	11°26	8°55	1°11	2° 3	17°58	19°11	3° 6	4°20	24°13	16°56	S 28
S 29	22 29 5	5°38'24	29° 7	0♎43	20° 4	12° 5	9° 4	1°17	2° 2	18° 0	19°12	3°D 5	4°17	24°20	17° 4	S 29
M30	22 33 2	6°36'32	14♎ 4	2° 0	21° 5	12°44	9°13	1°24	2° 0	18° 1	19°13	3° 5	4°13	24°26	17°11	M30
T 31	22 36 59	7♍34'41	28♎43	3♎15	22♋ 7	13♏23	9♏22	1♎31	1♒58	18♋ 3	19♏14	3♈ 6	4♈10	24♓33	17♌19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 7	5n 6	1n16	18n 6	1n46	18n57	4s25	10s12	0s38	12s28	1n 2	2n42	2n13	20s 7	0s38	21n43	0s40	3s34	14n26	1n43	2n17	4s40	10n59	6s 5
M 2	17 52	1s54	0s 2	17 30	1 45	19 2	4 22	10 25	0 39	12 30	1 2	2 40	2 13	20 8	0 38	21 43	0 40	3 34	14 26	1 43	2 16	4 37	10 57	6 5
T 3	17 36	8 41	1 18	16 52	1 43	19 7	4 19	10 39	0 40	12 32	1 2	2 37	2 13	20 8	0 38	21 42	0 40	3 35	14 25	1 43	2 15	4 34	10 55	6 5
W 4	17 20	14 55	2 29	16 13	1 41	19 11	4 15	10 53	0 40	12 34	1 1	2 35	2 13	20 9	0 38	21 42	0 40	3 36	14 25	1 44	2 14	4 30	10 53	6 4
T 5	17 4	20 15	3 29	15 34	1 38	19 16	4 12	11 6	0 41	12 36	1 1	2 33	2 13	20 9	0 38	21 42	0 40	3 36	14 24	1 44	2 12	4 27	10 51	6 4
F 6	16 48	24 26	4 16	14 53	1 35	19 20	4 8	11 20	0 42	12 39	1 1	2 30	2 13	20 10	0 38	21 42	0 40	3 37	14 24	1 43	2 11	4 23	10 49	6 4
S 7	16 31	27 14	4 48	14 12	1 31	19 24	4 4	11 34	0 43	12 41	1 1	2 28	2 13	20 10	0 38	21 41	0 40	3 37	14 23	1 42	2 10	4 20	10 47	6 4
S 8	16 14	28 31	5 5	13 31	1 26	19 28	4 0	11 47	0 44	12 43	1 1	2 25	2 13	20 11	0 38	21 41	0 40	3 38	14 22	1 40	2 9	4 16	10 44	6 4
M 9	15 57	28 14	5 6	12 48	1 22	19 32	3 56	12 1	0 45	12 45	1 0	2 23	2 12	20 11	0 38	21 41	0 40	3 39	14 22	1 37	2 7	4 13	10 42	6 4
T 10	15 40	26 29	4 53	12 6	1 17	19 36	3 52	12 15	0 45	12 48	1 0	2 20	2 12	20 12	0 38	21 41	0 40	3 39	14 21	1 34	2 6	4 10	10 40	6 4
W11	15 22	23 29	4 25	11 23	1 11	19 39	3 48	12 28	0 46	12 50	1 0	2 18	2 12	20 12	0 38	21 40	0 40	3 40	14 21	1 30	2 5	4 6	10 38	6 4
T 12	15 4	19 29	3 46	10 40	1 5	19 42	3 44	12 42	0 47	12 53	1 0	2 15	2 12	20 13	0 38	21 40	0 40	3 40	14 20	1 27	2 4	4 3	10 36	6 4
F 13	14 46	14 45	2 57	9 56	0 59	19 44	3 39	12 55	0 48	12 55	0 59	2 12	2 12	20 14	0 38	21 40	0 40	3 41	14 20	1 25	2 2	3 59	10 34	6 4
S 14	14 28	9 30	2 1	9 13	0 53	19 47	3 35	13 9	0 48	12 57	0 59	2 10	2 12	20 14	0 38	21 40	0 40	3 42	14 19	1 23	2 1	3 56	10 31	6 4
S 15	14 9	3 57	1 0	8 29	0 46	19 49	3 30	13 22	0 49	13 0	0 59	2 7	2 12	20 15	0 38	21 39	0 40	3 42	14 19	1 22	2 0	3 52	10 29	6 4
M16	13 50	1n43	0n 4	7 46	0 39	19 50	3 26	13 35	0 50	13 3	0 59	2 5	2 12	20 15	0 38	21 39	0 40	3 43	14 18	1 22	1 59	3 49	10 27	6 4
T 17	13 31	7 19	1 8	7 2	0 32	19 52	3 21	13 49	0 51	13 5	0 58	2 2	2 12	20 16	0 38	21 39	0 40	3 44	14 18	1 22	1 57	3 46	10 25	6 4
W18	13 12	12 43	2 9	6 19	0 24	19 53	3 17	14 2	0 51	13 8	0 58	1 59	2 11	20 16	0 38	21 39	0 40	3 44	14 17	1 23	1 56	3 42	10 22	6 4
T 19	12 53	17 43	3 6	5 36	0 17	19 53	3 12	14 15	0 52	13 11	0 58	1 57	2 11	20 16	0 38	21 38	0 40	3 45	14 16	1 23	1 55	3 39	10 20	6 4
F 20	12 33	22 5	3 55	4 53	0 9	19 53	3 7	14 29	0 53	13 13	0 58	1 54	2 11	20 17	0 38	21 38	0 40	3 46	14 16	1 24	1 54	3 35	10 18	6 4
S 21	12 13	25 35	4 34	4 10	0 1	19 53	3 3	14 42	0 53	13 16	0 58	1 51	2 11	20 17	0 38	21 38	0 40	3 47	14 15	1 24	1 52	3 32	10 15	6 4
S 22	11 53	27 53	5 1	3 27	0s 7	19 53	2 58	14 55	0 54	13 19	0 57	1 48	2 11	20 18	0 38	21 38	0 40	3 47	14 15	1 23	1 51	3 28	10 13	6 4
M23	11 33	28 41	5 12	2 45	0 15	19 52	2 53	15 8	0 55	13 22	0 57	1 46	2 11	20 18	0 38	21 37	0 40	3 48	14 14	1 22	1 50	3 25	10 11	6 4
T 24	11 12	27 43	5 6	2 3	0 24	19 50	2 48	15 21	0 55	13 24	0 57	1 43	2 11	20 19	0 38	21 37	0 40	3 49	14 14	1 20	1 48	3 22	10 8	6 4
W25	10 52	24 56	4 41	1 22	0 32	19 48	2 43	15 34	0 56	13 27	0 57	1 40	2 11	20 19	0 38	21 37	0 40	3 49	14 13	1 18	1 47	3 18	10 6	6 4
T 26	10 31	20 29	3 58	0 41	0 41	19 46	2 39	15 47	0 57	13 30	0 57	1 37	2 11	20 20	0 38	21 37	0 40	3 50	14 13	1 17	1 46	3 15	10 4	6 4
F 27	10 10	14 39	2 57	0 0	0 50	19 43	2 34	15 59	0 57	13 33	0 56	1 35	2 11	20 20	0 38	21 36	0 40	3 51	14 12	1 15	1 45	3 11	10 1	6 4
S 28	9 49	7 53	1 43	0s40	0 59	19 40	2 29	16 12	0 58	13 36	0 56	1 32	2 11	20 20	0 38	21 36	0 40	3 52	14 12	1 14	1 43	3 8	9 59	6 5
S 29	9 27	0 41	0 22	1 19	1 7	19 36	2 24	16 25	0 59	13 39	0 56	1 29	2 11	20 21	0 38	21 36	0 40	3 52	14 11	1 14	1 42	3 4	9 57	6 5
M30	9 6	6s29	1s 0	1 58	1 16	19 32	2 19	16 37	0 59	13 42	0 56	1 26	2 11	20 21	0 38	21 36	0 40	3 53	14 11	1 14	1 41	3 1	9 54	6 5
T 31	8n44	13s10	2s16	2s36	1s25	19n27	2s14	16s50	1s 0	13s45	0n56	1n23	2n10	20s22	0s38	21n36	0s40	3s54	14n10	1n14	1n40	2s58	9n52	6s 5

Julian Day Number = 2358620.5, Delta T = 14.74 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'18, Lahiri = 20°18'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

SEPTEMBER 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 55	8♍32'51	13♏ 2	4♎28	23♋ 9	14♏ 2	9♏31	1♎38	1°R56	18♋ 5	19♏15	3♈ 8	4♈ 7	24♓40	17♌27	W 1
T 2	22 44 52	9°31'03	26°57	5°40	24°11	14°42	9°40	1°45	1♒54	18° 6	19°16	3° 9	4° 4	24°46	17°34	T 2
F 3	22 48 48	10°29'16	10♐29	6°50	25°13	15°21	9°50	1°52	1°53	18° 8	19°17	3°R 9	4° 1	24°53	17°42	F 3
S 4	22 52 45	11°27'31	23°38	7°57	26°16	16° 1	9°59	2° 0	1°51	18° 9	19°18	3° 9	3°58	25° 0	17°49	S 4
S 5	22 56 41	12°25'48	6♑29	9° 3	27°19	16°41	10° 9	2° 7	1°49	18°11	19°19	3° 7	3°54	25° 6	17°57	S 5
M 6	23 0 38	13°24'06	19° 3	10° 6	28°23	17°21	10°18	2°14	1°48	18°12	19°21	3° 5	3°51	25°13	18° 4	M 6
T 7	23 4 34	14°22'25	1♒23	11° 7	29°26	18° 1	10°28	2°21	1°46	18°13	19°22	3° 2	3°48	25°20	18°12	T 7
W 8	23 8 31	15°20'46	13°32	12° 5	0♌30	18°41	10°38	2°28	1°45	18°15	19°23	3° 0	3°45	25°26	18°19	W 8
T 9	23 12 28	16°19'09	25°33	13° 1	1°34	19°21	10°48	2°35	1°43	18°16	19°25	2°57	3°42	25°33	18°27	T 9
F 10	23 16 24	17°17'34	7♓27	13°54	2°39	20° 2	10°58	2°43	1°42	18°18	19°26	2°55	3°39	25°39	18°34	F 10
S 11	23 20 21	18°16'00	19°17	14°43	3°44	20°42	11° 8	2°50	1°40	18°19	19°27	2°54	3°35	25°46	18°41	S 11
S 12	23 24 17	19°14'28	1♈ 5	15°29	4°49	21°23	11°19	2°57	1°39	18°20	19°29	2°D53	3°32	25°53	18°49	S 12
M13	23 28 14	20°12'58	12°52	16°12	5°54	22° 3	11°29	3° 4	1°38	18°21	19°30	2°53	3°29	25°59	18°56	M13
T 14	23 32 10	21°11'31	24°43	16°51	6°59	22°44	11°39	3°12	1°36	18°23	19°32	2°54	3°26	26° 6	19° 3	T 14
W15	23 36 7	22°10'05	6♉39	17°26	8° 5	23°25	11°50	3°19	1°35	18°24	19°33	2°55	3°23	26°13	19°10	W15
T 16	23 40 3	23° 8'42	18°44	17°56	9°11	24° 6	12° 1	3°26	1°34	18°25	19°35	2°56	3°19	26°19	19°17	T 16
F 17	23 44 0	24° 7'20	1♊ 1	18°21	10°17	24°47	12°11	3°34	1°33	18°26	19°36	2°57	3°16	26°26	19°24	F 17
S 18	23 47 56	25° 6'01	13°35	18°41	11°24	25°28	12°22	3°41	1°32	18°27	19°38	2°58	3°13	26°33	19°31	S 18
S 19	23 51 53	26° 4'45	26°28	18°56	12°30	26°10	12°33	3°48	1°30	18°28	19°39	2°R58	3°10	26°39	19°38	S 19
M20	23 55 50	27° 3'30	9♋45	19° 5	13°37	26°51	12°44	3°56	1°29	18°29	19°41	2°58	3° 7	26°46	19°45	M20
T 21	23 59 46	28° 2'18	23°28	19°R 7	14°44	27°32	12°55	4° 3	1°28	18°31	19°43	2°57	3° 4	26°53	19°52	T 21
W22	0 3 43	29° 1'08	7♌37	19° 3	15°51	28°14	13° 6	4°10	1°28	18°32	19°44	2°57	3° 0	26°59	19°59	W22
T 23	0 7 39	0♎ 0'01	22°10	18°51	16°59	28°56	13°17	4°18	1°27	18°32	19°46	2°56	2°57	27° 6	20° 6	T 23
F 24	0 11 36	0°58'55	7♍ 4	18°33	18° 7	29°38	13°29	4°25	1°26	18°33	19°48	2°56	2°54	27°13	20°13	F 24
S 25	0 15 32	1°57'52	22°12	18° 7	19°14	0♐20	13°40	4°33	1°25	18°34	19°50	2°56	2°51	27°19	20°19	S 25
S 26	0 19 29	2°56'51	7♎24	17°33	20°22	1° 2	13°51	4°40	1°24	18°35	19°51	2°56	2°48	27°26	20°26	S 26
M27	0 23 25	3°55'51	22°32	16°52	21°31	1°44	14° 3	4°47	1°23	18°36	19°53	2°56	2°44	27°32	20°33	M27
T 28	0 27 22	4°54'54	7♏25	16° 3	22°39	2°26	14°14	4°55	1°23	18°37	19°55	2°56	2°41	27°39	20°39	T 28
W29	0 31 19	5°53'59	21°57	15° 9	23°47	3° 8	14°26	5° 2	1°22	18°38	19°57	2°56	2°38	27°46	20°46	W29
T 30	0 35 15	6♎53'05	6♐ 5	14♎ 8	24♌56	3♐51	14♏38	5♎10	1♒22	18♋38	19♏59	2♈55	2♈35	27♓52	20♌52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n23	18s59	3s22	3s13	1s34	19n22	2s 9	17s 2	1s 0	13s48	0n55	1n20	2n10	20s22	0s38	21n35	0s40	3s55	14n10	1n15	1n38	2s54	9n50	6s 5
T 2	8 1	23 38	4 15	3 50	1 43	19 16	2 4	17 15	1 1	13 52	0 55	1 18	2 10	20 22	0 38	21 35	0 40	3 55	14 9	1 15	1 37	2 51	9 47	6 5
F 3	7 39	26 51	4 51	4 25	1 52	19 10	1 59	17 27	1 2	13 55	0 55	1 15	2 10	20 23	0 38	21 35	0 40	3 56	14 9	1 15	1 36	2 47	9 45	6 5
S 4	7 17	28 30	5 11	5 0	2 0	19 4	1 54	17 39	1 2	13 58	0 55	1 12	2 10	20 23	0 37	21 35	0 40	3 57	14 8	1 15	1 35	2 44	9 42	6 5
S 5	6 54	28 33	5 15	5 34	2 9	18 57	1 49	17 51	1 3	14 1	0 55	1 9	2 10	20 24	0 37	21 35	0 40	3 58	14 8	1 15	1 33	2 40	9 40	6 6
M 6	6 32	27 7	5 3	6 7	2 18	18 49	1 44	18 3	1 3	14 4	0 54	1 6	2 10	20 24	0 37	21 34	0 40	3 59	14 7	1 14	1 32	2 37	9 38	6 6
T 7	6 10	24 24	4 38	6 39	2 26	18 41	1 39	18 15	1 4	14 8	0 54	1 3	2 10	20 24	0 37	21 34	0 40	3 59	14 7	1 13	1 31	2 33	9 35	6 6
W 8	5 47	20 37	4 0	7 9	2 34	18 32	1 34	18 26	1 4	14 11	0 54	1 0	2 10	20 25	0 37	21 34	0 40	4 0	14 6	1 12	1 30	2 30	9 33	6 6
T 9	5 24	16 2	3 12	7 38	2 42	18 23	1 29	18 38	1 5	14 14	0 54	0 57	2 10	20 25	0 37	21 34	0 40	4 1	14 6	1 10	1 28	2 27	9 31	6 6
F 10	5 2	10 54	2 16	8 6	2 50	18 13	1 25	18 49	1 5	14 17	0 54	0 55	2 10	20 25	0 37	21 34	0 40	4 2	14 5	1 10	1 27	2 23	9 28	6 7
S 11	4 39	5 24	1 15	8 33	2 58	18 3	1 20	19 1	1 6	14 21	0 53	0 52	2 10	20 25	0 37	21 33	0 40	4 3	14 5	1 9	1 26	2 20	9 26	6 7
S 12	4 16	0n17	0 10	8 57	3 5	17 53	1 15	19 12	1 6	14 24	0 53	0 49	2 10	20 26	0 37	21 33	0 40	4 3	14 4	1 9	1 24	2 16	9 23	6 7
M13	3 53	5 56	0n55	9 20	3 12	17 42	1 10	19 23	1 7	14 27	0 53	0 46	2 10	20 26	0 37	21 33	0 40	4 4	14 4	1 9	1 23	2 13	9 21	6 7
T 14	3 30	11 25	1 58	9 41	3 19	17 30	1 5	19 34	1 7	14 31	0 53	0 43	2 10	20 26	0 37	21 33	0 40	4 5	14 3	1 9	1 22	2 9	9 18	6 7
W15	3 7	16 32	2 57	10 0	3 25	17 18	1 0	19 45	1 8	14 34	0 53	0 40	2 10	20 27	0 37	21 33	0 40	4 6	14 3	1 10	1 21	2 6	9 16	6 8
T 16	2 44	21 4	3 48	10 17	3 31	17 5	0 56	19 56	1 8	14 38	0 53	0 37	2 10	20 27	0 37	21 32	0 40	4 7	14 2	1 10	1 19	2 2	9 14	6 8
F 17	2 20	24 47	4 30	10 32	3 36	16 52	0 51	20 6	1 9	14 41	0 52	0 34	2 10	20 27	0 37	21 32	0 40	4 8	14 2	1 11	1 18	1 59	9 11	6 8
S 18	1 57	27 25	5 0	10 43	3 40	16 39	0 46	20 17	1 9	14 45	0 52	0 31	2 10	20 27	0 37	21 32	0 40	4 8	14 1	1 11	1 17	1 56	9 9	6 8
S 19	1 34	28 41	5 16	10 52	3 44	16 25	0 42	20 27	1 10	14 48	0 52	0 28	2 10	20 28	0 37	21 32	0 40	4 9	14 1	1 11	1 16	1 52	9 6	6 9
M20	1 10	28 22	5 15	10 58	3 47	16 10	0 37	20 37	1 10	14 51	0 52	0 25	2 10	20 28	0 37	21 32	0 40	4 10	14 0	1 11	1 14	1 49	9 4	6 9
T 21	0 47	26 19	4 58	11 1	3 48	15 55	0 33	20 47	1 10	14 55	0 52	0 22	2 10	20 28	0 37	21 32	0 40	4 11	14 0	1 11	1 13	1 45	9 2	6 9
W22	0 23	22 36	4 22	11 0	3 49	15 40	0 28	20 57	1 11	14 58	0 52	0 20	2 10	20 28	0 37	21 32	0 40	4 12	14 0	1 10	1 12	1 42	8 59	6 10
T 23	0s 0	17 25	3 28	10 55	3 48	15 24	0 24	21 6	1 11	15 2	0 51	0 17	2 10	20 28	0 37	21 31	0 40	4 13	13 59	1 10	1 11	1 38	8 57	6 10
F 24	0 23	11 5	2 19	10 46	3 47	15 7	0 19	21 16	1 12	15 6	0 51	0 14	2 10	20 28	0 37	21 31	0 40	4 13	13 59	1 10	1 9	1 35	8 54	6 10
S 25	0 47	4 0	0 59	10 33	3 43	14 50	0 15	21 25	1 12	15 9	0 51	0 11	2 10	20 29	0 37	21 31	0 40	4 14	13 58	1 10	1 8	1 31	8 52	6 11
S 26	1 10	3s19	0s25	10 15	3 38	14 33	0 11	21 34	1 12	15 13	0 51	0 8	2 10	20 29	0 37	21 31	0 40	4 15	13 58	1 10	1 7	1 28	8 50	6 11
M27	1 34	10 26	1 47	9 53	3 31	14 15	0 6	21 43	1 13	15 16	0 51	0 5	2 10	20 29	0 37	21 31	0 40	4 16	13 58	1 10	1 6	1 24	8 47	6 11
T 28	1 57	16 51	3 0	9 26	3 23	13 57	0 2	21 52	1 13	15 20	0 51	0 2	2 10	20 29	0 37	21 31	0 40	4 17	13 57	1 10	1 4	1 21	8 45	6 12
W29	2 21	22 9	4 0	8 56	3 12	13 38	0n 2	22 1	1 13	15 23	0 51	0s 1	2 10	20 29	0 37	21 31	0 40	4 18	13 57	1 10	1 3	1 18	8 43	6 12
T 30	2s44	26s 0	4s44	8s20	3s 0	13n19	0n 6	22s 9	1s14	15s27	0n50	0s 4	2n10	20s29	0s37	21n31	0s40	4s18	13n56	1n10	1n 2	1s14	8n40	6s12

Julian Day Number = 2358651.5, Delta T = 14.77 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'23, Lahiri = 20°18'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

OCTOBER 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 12	7♎52'14	19♐45	13°R 3	26♌ 5	4♐33	14♏50	5♎17	1°R21	18♋39	20♏ 1	2°R55	2♈32	27♓59	20♌59	F 1
S 2	0 43 8	8°51'24	2♑59	11♎54	27°14	5°16	15° 1	5°24	1♒21	18°40	20° 3	2°D55	2°29	28° 6	21° 5	S 2
S 3	0 47 5	9°50'36	15°49	10°44	28°23	5°58	15°13	5°32	1°20	18°40	20° 4	2♈55	2°25	28°12	21°11	S 3
M 4	0 51 1	10°49'49	28°19	9°34	29°33	6°41	15°25	5°39	1°20	18°41	20° 6	2°55	2°22	28°19	21°17	M 4
T 5	0 54 58	11°49'05	10♒32	8°26	0♍42	7°24	15°37	5°47	1°20	18°42	20° 8	2°56	2°19	28°26	21°24	T 5
W 6	0 58 54	12°48'22	22°34	7°22	1°52	8° 7	15°49	5°54	1°19	18°42	20°10	2°57	2°16	28°32	21°30	W 6
T 7	1 2 51	13°47'41	4♓27	6°24	3° 1	8°50	16° 1	6° 1	1°19	18°43	20°12	2°58	2°13	28°39	21°36	T 7
F 8	1 6 48	14°47'02	16°16	5°34	4°11	9°33	16°14	6° 9	1°19	18°43	20°15	2°59	2°10	28°46	21°42	F 8
S 9	1 10 44	15°46'25	28° 3	4°53	5°21	10°16	16°26	6°16	1°19	18°44	20°17	2°R59	2° 6	28°52	21°48	S 9
S 10	1 14 41	16°45'49	9♈52	4°21	6°32	11° 0	16°38	6°23	1°19	18°44	20°19	2°59	2° 3	28°59	21°53	S 10
M11	1 18 37	17°45'16	21°45	4° 1	7°42	11°43	16°51	6°31	1°D19	18°44	20°21	2°58	2° 0	29° 5	21°59	M11
T 12	1 22 34	18°44'45	3♉43	3°D51	8°52	12°26	17° 3	6°38	1°19	18°45	20°23	2°57	1°57	29°12	22° 5	T 12
W13	1 26 30	19°44'16	15°48	3°52	10° 3	13°10	17°15	6°45	1°19	18°45	20°25	2°55	1°54	29°19	22°10	W13
T 14	1 30 27	20°43'49	28° 3	4° 4	11°14	13°54	17°28	6°53	1°19	18°45	20°27	2°52	1°50	29°25	22°16	T 14
F 15	1 34 23	21°43'25	10♊30	4°27	12°25	14°37	17°40	7° 0	1°19	18°46	20°29	2°49	1°47	29°32	22°21	F 15
S 16	1 38 20	22°43'03	23°10	4°59	13°35	15°21	17°53	7° 7	1°19	18°46	20°31	2°46	1°44	29°39	22°27	S 16
S 17	1 42 17	23°42'43	6♋ 6	5°41	14°47	16° 5	18° 6	7°14	1°20	18°46	20°34	2°44	1°41	29°45	22°32	S 17
M18	1 46 13	24°42'25	19°20	6°31	15°58	16°49	18°18	7°22	1°20	18°46	20°36	2°D43	1°38	29°52	22°37	M18
T 19	1 50 10	25°42'10	2♌54	7°28	17° 9	17°33	18°31	7°29	1°20	18°46	20°38	2°44	1°35	29°59	22°42	T 19
W20	1 54 6	26°41'56	16°49	8°32	18°21	18°17	18°44	7°36	1°21	18°46	20°40	2°44	1°31	0♈ 5	22°48	W20
T 21	1 58 3	27°41'46	1♍ 6	9°41	19°32	19° 1	18°57	7°43	1°21	18°46	20°43	2°46	1°28	0°12	22°53	T 21
F 22	2 1 59	28°41'37	15°42	10°56	20°44	19°45	19° 9	7°50	1°22	18°R46	20°45	2°47	1°25	0°19	22°58	F 22
S 23	2 5 56	29°41'30	0♎33	12°15	21°56	20°30	19°22	7°57	1°22	18°46	20°47	2°R48	1°22	0°25	23° 2	S 23
S 24	2 9 52	0♏41'26	15°34	13°38	23° 8	21°14	19°35	8° 4	1°23	18°46	20°49	2°47	1°19	0°32	23° 7	S 24
M25	2 13 49	1°41'23	0♏35	15° 4	24°20	21°59	19°48	8°11	1°24	18°46	20°52	2°46	1°16	0°38	23°12	M25
T 26	2 17 46	2°41'23	15°29	16°32	25°32	22°43	20° 1	8°18	1°24	18°46	20°54	2°42	1°12	0°45	23°16	T 26
W27	2 21 42	3°41'25	0♐ 7	18° 2	26°44	23°28	20°14	8°25	1°25	18°46	20°56	2°38	1° 9	0°52	23°21	W27
T 28	2 25 39	4°41'28	14°22	19°35	27°56	24°12	20°27	8°32	1°26	18°46	20°59	2°33	1° 6	0°58	23°25	T 28
F 29	2 29 35	5°41'33	28°10	21° 9	29° 8	24°57	20°40	8°39	1°27	18°46	21° 1	2°28	1° 3	1° 5	23°30	F 29
S 30	2 33 32	6°41'40	11♑31	22°43	0♎21	25°42	20°53	8°46	1°28	18°45	21° 3	2°24	1° 0	1°12	23°34	S 30
S 31	2 37 28	7♏41'48	24♑26	24♎19	1♎33	26♐27	21♏ 6	8♎53	1♒29	18♋45	21♏ 6	2♈22	0♈56	1♈18	23♌38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 8	28s13	5s 9	7s42	2s45	13n 0	0n10	22s18	1s14	15s30	0n50	0s 7	2n10	20s29	0s37	21n30	0s40	4s19	13n56	1n10	1n 0	1s11	8n38	6s13
S 2	3 31	28 44	5 18	7 0	2 29	12 40	0 14	22 26	1 14	15 34	0 50	0 10	2 10	20 29	0 37	21 30	0 40	4 20	13 56	1 10	0 59	1 7	8 36	6 13
S 3	3 54	27 40	5 10	6 17	2 12	12 20	0 18	22 34	1 15	15 38	0 50	0 12	2 10	20 29	0 37	21 30	0 40	4 21	13 55	1 10	0 58	1 4	8 33	6 13
M 4	4 18	25 13	4 47	5 32	1 53	11 59	0 22	22 41	1 15	15 41	0 50	0 15	2 10	20 30	0 37	21 30	0 40	4 22	13 55	1 10	0 57	1 0	8 31	6 14
T 5	4 41	21 40	4 12	4 47	1 33	11 38	0 25	22 49	1 15	15 45	0 50	0 18	2 10	20 30	0 37	21 30	0 41	4 23	13 55	1 10	0 55	0 57	8 29	6 14
W 6	5 4	17 16	3 26	4 3	1 13	11 17	0 29	22 56	1 16	15 49	0 50	0 21	2 10	20 30	0 37	21 30	0 41	4 23	13 54	1 10	0 54	0 53	8 26	6 15
T 7	5 27	12 15	2 32	3 21	0 52	10 55	0 33	23 3	1 16	15 52	0 49	0 24	2 10	20 30	0 37	21 30	0 41	4 24	13 54	1 11	0 53	0 50	8 24	6 15
F 8	5 50	6 50	1 31	2 42	0 32	10 33	0 36	23 10	1 16	15 56	0 49	0 27	2 10	20 30	0 37	21 30	0 41	4 25	13 54	1 11	0 52	0 46	8 22	6 15
S 9	6 13	1 12	0 27	2 8	0 12	10 11	0 40	23 17	1 16	15 59	0 49	0 30	2 11	20 30	0 37	21 30	0 41	4 26	13 53	1 11	0 50	0 43	8 20	6 16
S 10	6 36	4n30	0n38	1 38	0n 7	9 48	0 43	23 23	1 17	16 3	0 49	0 33	2 11	20 30	0 37	21 30	0 41	4 27	13 53	1 11	0 49	0 40	8 17	6 16
M11	6 59	10 4	1 42	1 13	0 25	9 25	0 46	23 30	1 17	16 7	0 49	0 35	2 11	20 30	0 37	21 30	0 41	4 28	13 53	1 11	0 48	0 36	8 15	6 17
T 12	7 21	15 19	2 42	0 54	0 42	9 1	0 50	23 36	1 17	16 10	0 49	0 38	2 11	20 30	0 37	21 29	0 41	4 28	13 52	1 10	0 47	0 33	8 13	6 17
W13	7 44	20 2	3 35	0 40	0 57	8 38	0 53	23 42	1 17	16 14	0 49	0 41	2 11	20 30	0 37	21 29	0 41	4 29	13 52	1 9	0 45	0 29	8 11	6 18
T 14	8 6	23 58	4 19	0 33	1 10	8 14	0 56	23 47	1 18	16 17	0 49	0 44	2 11	20 29	0 37	21 29	0 41	4 30	13 52	1 8	0 44	0 26	8 9	6 18
F 15	8 29	26 52	4 52	0 31	1 22	7 49	0 59	23 52	1 18	16 21	0 48	0 47	2 11	20 29	0 37	21 29	0 41	4 31	13 51	1 7	0 43	0 22	8 6	6 19
S 16	8 51	28 28	5 11	0 34	1 33	7 25	1 2	23 58	1 18	16 25	0 48	0 49	2 11	20 29	0 37	21 29	0 41	4 32	13 51	1 6	0 41	0 19	8 4	6 19
S 17	9 13	28 34	5 15	0 42	1 42	7 0	1 5	24 3	1 18	16 28	0 48	0 52	2 11	20 29	0 37	21 29	0 41	4 32	13 51	1 5	0 40	0 15	8 2	6 20
M18	9 35	27 4	5 2	0 55	1 49	6 35	1 7	24 7	1 18	16 32	0 48	0 55	2 11	20 29	0 37	21 29	0 41	4 33	13 51	1 5	0 39	0 12	8 0	6 20
T 19	9 57	23 58	4 33	1 12	1 55	6 9	1 10	24 12	1 19	16 36	0 48	0 58	2 11	20 29	0 36	21 29	0 41	4 34	13 50	1 5	0 38	0 8	7 58	6 21
W20	10 19	19 25	3 47	1 33	2 0	5 44	1 13	24 16	1 19	16 39	0 48	1 0	2 11	20 29	0 36	21 29	0 41	4 35	13 50	1 5	0 36	0 5	7 56	6 21
T 21	10 40	13 41	2 46	1 58	2 3	5 18	1 15	24 20	1 19	16 43	0 48	1 3	2 11	20 29	0 36	21 29	0 41	4 36	13 50	1 6	0 35	0 2	7 54	6 22
F 22	11 2	7 4	1 33	2 25	2 5	4 52	1 18	24 24	1 19	16 46	0 48	1 6	2 12	20 29	0 36	21 29	0 41	4 36	13 50	1 7	0 34	0n 2	7 52	6 22
S 23	11 23	0s 2	0 12	2 55	2 6	4 26	1 20	24 27	1 19	16 50	0 48	1 9	2 12	20 29	0 36	21 29	0 41	4 37	13 49	1 7	0 33	0 5	7 50	6 23
S 24	11 44	7 12	1s10	3 27	2 6	3 59	1 22	24 30	1 19	16 54	0 48	1 11	2 12	20 28	0 36	21 29	0 41	4 38	13 49	1 7	0 31	0 9	7 48	6 23
M25	12 5	13 59	2 27	4 1	2 6	3 33	1 24	24 33	1 19	16 57	0 47	1 14	2 12	20 28	0 36	21 29	0 41	4 39	13 49	1 6	0 30	0 12	7 46	6 24
T 26	12 25	19 54	3 33	4 36	2 4	3 6	1 26	24 36	1 20	17 1	0 47	1 17	2 12	20 28	0 36	21 29	0 41	4 40	13 49	1 5	0 29	0 16	7 44	6 24
W27	12 46	24 30	4 24	5 13	2 2	2 39	1 28	24 38	1 20	17 4	0 47	1 19	2 12	20 28	0 36	21 29	0 41	4 40	13 49	1 3	0 28	0 19	7 42	6 25
T 28	13 6	27 28	4 57	5 50	1 59	2 12	1 30	24 41	1 20	17 8	0 47	1 22	2 12	20 28	0 36	21 29	0 41	4 41	13 48	1 1	0 26	0 23	7 40	6 25
F 29	13 26	28 39	5 12	6 29	1 55	1 45	1 32	24 42	1 20	17 11	0 47	1 24	2 12	20 27	0 36	21 29	0 41	4 42	13 48	0 59	0 25	0 26	7 38	6 26
S 30	13 46	28 6	5 8	7 8	1 51	1 18	1 34	24 44	1 20	17 15	0 47	1 27	2 12	20 27	0 36	21 29	0 41	4 43	13 48	0 57	0 24	0 30	7 36	6 26
S 31	14s 6	26s 1	4s50	7s47	1n47	0n50	1n35	24s46	1s20	17s18	0n47	1s30	2n13	20s27	0s36	21n29	0s41	4s43	13n48	0n56	0n22	0n33	7n34	6s27

Julian Day Number = 2358681.5, Delta T = 14.79 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'27, Lahiri = 20°18'27Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

NOVEMBER 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 25	8♏41'58	6♒57	25♎55	2♎46	27♐12	21♏19	8♎59	1♒30	18°R45	21♏ 8	2°D21	0♈53	1♈25	23♌42	M 1
T 2	2 45 21	9°42'09	19°10	27°32	3°59	27°57	21°33	9° 6	1°31	18♋44	21°10	2♈21	0°50	1°32	23°46	T 2
W 3	2 49 18	10°42'22	1♓10	29° 9	5°12	28°42	21°46	9°13	1°32	18°44	21°13	2°23	0°47	1°38	23°50	W 3
T 4	2 53 15	11°42'36	13° 0	0♏47	6°24	29°27	21°59	9°20	1°33	18°44	21°15	2°24	0°44	1°45	23°54	T 4
F 5	2 57 11	12°42'52	24°47	2°24	7°37	0♑12	22°12	9°26	1°35	18°43	21°18	2°26	0°41	1°52	23°57	F 5
S 6	3 1 8	13°43'09	6♈35	4° 2	8°50	0°57	22°25	9°33	1°36	18°43	21°20	2°R26	0°37	1°58	24° 1	S 6
S 7	3 5 4	14°43'28	18°27	5°39	10° 3	1°43	22°39	9°39	1°37	18°42	21°22	2°24	0°34	2° 5	24° 4	S 7
M 8	3 9 1	15°43'49	0♉26	7°17	11°17	2°28	22°52	9°46	1°39	18°42	21°25	2°21	0°31	2°12	24° 8	M 8
T 9	3 12 57	16°44'11	12°35	8°54	12°30	3°14	23° 5	9°52	1°40	18°41	21°27	2°15	0°28	2°18	24°11	T 9
W10	3 16 54	17°44'35	24°55	10°31	13°43	3°59	23°18	9°59	1°42	18°40	21°30	2° 8	0°25	2°25	24°14	W10
T 11	3 20 50	18°45'00	7♊27	12° 8	14°56	4°45	23°32	10° 5	1°43	18°40	21°32	1°59	0°22	2°31	24°17	T 11
F 12	3 24 47	19°45'27	20°11	13°44	16°10	5°30	23°45	10°11	1°45	18°39	21°34	1°50	0°18	2°38	24°20	F 12
S 13	3 28 44	20°45'57	3♋ 7	15°21	17°23	6°16	23°58	10°18	1°46	18°38	21°37	1°42	0°15	2°45	24°23	S 13
S 14	3 32 40	21°46'27	16°16	16°57	18°37	7° 2	24°12	10°24	1°48	18°38	21°39	1°35	0°12	2°51	24°26	S 14
M15	3 36 37	22°47'00	29°37	18°33	19°51	7°47	24°25	10°30	1°50	18°37	21°42	1°30	0° 9	2°58	24°28	M15
T 16	3 40 33	23°47'34	13♌11	20° 9	21° 4	8°33	24°38	10°36	1°51	18°36	21°44	1°27	0° 6	3° 5	24°31	T 16
W17	3 44 30	24°48'11	26°59	21°44	22°18	9°19	24°52	10°42	1°53	18°35	21°46	1°D27	0° 2	3°11	24°34	W17
T 18	3 48 26	25°48'48	11♍ 1	23°20	23°32	10° 5	25° 5	10°48	1°55	18°34	21°49	1°28	29♓59	3°18	24°36	T 18
F 19	3 52 23	26°49'28	25°17	24°55	24°46	10°51	25°18	10°54	1°57	18°33	21°51	1°R28	29°56	3°25	24°38	F 19
S 20	3 56 19	27°50'09	9♎45	26°30	26° 0	11°37	25°32	11° 0	1°59	18°32	21°54	1°28	29°53	3°31	24°40	S 20
S 21	4 0 16	28°50'52	24°21	28° 5	27°14	12°23	25°45	11° 5	2° 1	18°32	21°56	1°26	29°50	3°38	24°42	S 21
M22	4 4 13	29°51'37	9♏ 2	29°39	28°28	13° 9	25°58	11°11	2° 3	18°31	21°58	1°21	29°47	3°45	24°44	M22
T 23	4 8 9	0♐52'23	23°39	1♐14	29°42	13°55	26°12	11°17	2° 5	18°30	22° 1	1°14	29°43	3°51	24°46	T 23
W24	4 12 6	1°53'10	8♐ 6	2°48	0♏56	14°41	26°25	11°22	2° 7	18°28	22° 3	1° 5	29°40	3°58	24°48	W24
T 25	4 16 2	2°53'59	22°16	4°23	2°10	15°28	26°38	11°28	2° 9	18°27	22° 6	0°54	29°37	4° 4	24°49	T 25
F 26	4 19 59	3°54'49	6♑ 4	5°57	3°24	16°14	26°52	11°34	2°11	18°26	22° 8	0°44	29°34	4°11	24°51	F 26
S 27	4 23 55	4°55'40	19°27	7°31	4°38	17° 0	27° 5	11°39	2°14	18°25	22°10	0°34	29°31	4°18	24°52	S 27
S 28	4 27 52	5°56'32	2♒25	9° 5	5°53	17°47	27°18	11°44	2°16	18°24	22°13	0°27	29°28	4°24	24°53	S 28
M29	4 31 49	6°57'25	15° 0	10°39	7° 7	18°33	27°32	11°50	2°18	18°23	22°15	0°22	29°24	4°31	24°54	M29
T 30	4 35 45	7♐58'18	27♒15	12♐13	8♏21	19♑20	27♏45	11♎55	2♒21	18♋22	22♏17	0♈20	29♓21	4♈38	24♌56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s25	22s43	4s17	8s26	1n42	0n23	1n37	24s47	1s20	17s22	0n47	1s32	2n13	20s27	0s36	21n29	0s41	4s44	13n48	0n56	0n21	0n36	7n32	6s27
T 2	14 45	18 29	3 34	9 6	1 37	0s 5	1 38	24 48	1 20	17 26	0 47	1 35	2 13	20 26	0 36	21 29	0 41	4 45	13 47	0 56	0 20	0 40	7 30	6 28
W 3	15 3	13 36	2 42	9 46	1 32	0 32	1 40	24 48	1 20	17 29	0 47	1 37	2 13	20 26	0 36	21 29	0 41	4 45	13 47	0 57	0 19	0 43	7 29	6 29
T 4	15 22	8 17	1 44	10 25	1 26	1 0	1 41	24 49	1 20	17 32	0 46	1 40	2 13	20 26	0 36	21 29	0 41	4 46	13 47	0 57	0 17	0 47	7 27	6 29
F 5	15 41	2 43	0 42	11 4	1 20	1 28	1 42	24 49	1 20	17 36	0 46	1 42	2 13	20 25	0 36	21 29	0 41	4 47	13 47	0 58	0 16	0 50	7 25	6 30
S 6	15 59	2n58	0n23	11 43	1 14	1 56	1 43	24 49	1 20	17 39	0 46	1 45	2 13	20 25	0 36	21 29	0 41	4 48	13 47	0 58	0 15	0 54	7 23	6 30
S 7	16 17	8 34	1 26	12 22	1 8	2 23	1 44	24 48	1 20	17 43	0 46	1 47	2 14	20 25	0 36	21 30	0 41	4 48	13 47	0 57	0 14	0 57	7 22	6 31
M 8	16 34	13 55	2 26	13 0	1 1	2 51	1 45	24 47	1 20	17 46	0 46	1 49	2 14	20 24	0 36	21 30	0 41	4 49	13 47	0 56	0 12	1 1	7 20	6 32
T 9	16 52	18 49	3 20	13 37	0 55	3 19	1 46	24 46	1 20	17 50	0 46	1 52	2 14	20 24	0 36	21 30	0 41	4 50	13 47	0 54	0 11	1 4	7 18	6 32
W10	17 9	23 0	4 5	14 14	0 48	3 47	1 47	24 45	1 20	17 53	0 46	1 54	2 14	20 24	0 36	21 30	0 41	4 50	13 47	0 51	0 10	1 8	7 17	6 33
T 11	17 26	26 11	4 40	14 51	0 41	4 15	1 47	24 44	1 20	17 57	0 46	1 57	2 14	20 23	0 36	21 30	0 41	4 51	13 46	0 47	0 9	1 11	7 15	6 33
F 12	17 42	28 7	5 1	15 26	0 35	4 42	1 48	24 42	1 20	18 0	0 46	1 59	2 14	20 23	0 36	21 30	0 41	4 52	13 46	0 44	0 7	1 15	7 14	6 34
S 13	17 58	28 33	5 7	16 1	0 28	5 10	1 48	24 40	1 20	18 3	0 46	2 1	2 14	20 23	0 36	21 30	0 41	4 52	13 46	0 40	0 6	1 18	7 12	6 35
S 14	18 14	27 24	4 57	16 35	0 21	5 38	1 49	24 37	1 20	18 7	0 46	2 3	2 15	20 22	0 36	21 30	0 41	4 53	13 46	0 38	0 5	1 21	7 11	6 35
M15	18 30	24 41	4 31	17 9	0 14	6 5	1 49	24 35	1 20	18 10	0 46	2 6	2 15	20 22	0 36	21 30	0 41	4 54	13 46	0 36	0 4	1 25	7 9	6 36
T 16	18 45	20 33	3 50	17 41	0 7	6 33	1 49	24 32	1 20	18 13	0 46	2 8	2 15	20 21	0 36	21 30	0 41	4 54	13 46	0 35	0 2	1 28	7 8	6 36
W17	19 0	15 16	2 54	18 13	0 1	7 0	1 49	24 29	1 20	18 17	0 46	2 10	2 15	20 21	0 36	21 30	0 41	4 55	13 46	0 35	0 1	1 32	7 6	6 37
T 18	19 14	9 6	1 48	18 44	0s 6	7 27	1 49	24 25	1 20	18 20	0 45	2 12	2 15	20 21	0 36	21 30	0 41	4 55	13 46	0 35	0s 0	1 35	7 5	6 38
F 19	19 29	2 23	0 33	19 14	0 13	7 54	1 49	24 21	1 20	18 23	0 45	2 14	2 16	20 20	0 36	21 31	0 41	4 56	13 46	0 35	0 2	1 39	7 4	6 38
S 20	19 42	4s33	0s44	19 43	0 19	8 21	1 49	24 17	1 20	18 26	0 45	2 17	2 16	20 20	0 36	21 31	0 41	4 57	13 46	0 35	0 3	1 42	7 2	6 39
S 21	19 56	11 18	1 59	20 11	0 26	8 48	1 49	24 13	1 20	18 30	0 45	2 19	2 16	20 19	0 36	21 31	0 41	4 57	13 46	0 34	0 4	1 46	7 1	6 40
M22	20 9	17 29	3 7	20 38	0 32	9 15	1 49	24 9	1 20	18 33	0 45	2 21	2 16	20 19	0 36	21 31	0 41	4 58	13 46	0 32	0 5	1 49	7 0	6 40
T 23	20 22	22 37	4 2	21 4	0 39	9 41	1 48	24 4	1 19	18 36	0 45	2 23	2 16	20 18	0 36	21 31	0 41	4 58	13 46	0 30	0 7	1 52	6 59	6 41
W24	20 34	26 18	4 40	21 29	0 45	10 8	1 48	23 59	1 19	18 39	0 45	2 25	2 16	20 18	0 36	21 31	0 41	4 59	13 46	0 26	0 8	1 56	6 58	6 42
T 25	20 46	28 15	5 0	21 53	0 51	10 34	1 47	23 53	1 19	18 42	0 45	2 27	2 17	20 17	0 36	21 31	0 41	4 59	13 46	0 22	0 9	1 59	6 57	6 42
F 26	20 58	28 22	5 2	22 16	0 57	11 0	1 47	23 48	1 19	18 45	0 45	2 29	2 17	20 17	0 36	21 31	0 41	5 0	13 46	0 17	0 10	2 3	6 55	6 43
S 27	21 9	26 48	4 48	22 38	1 3	11 25	1 46	23 42	1 19	18 48	0 45	2 31	2 17	20 16	0 36	21 32	0 41	5 1	13 46	0 14	0 12	2 6	6 54	6 43
S 28	21 20	23 50	4 18	22 59	1 9	11 51	1 45	23 36	1 19	18 52	0 45	2 33	2 17	20 16	0 36	21 32	0 41	5 1	13 46	0 11	0 13	2 10	6 53	6 44
M29	21 30	19 49	3 37	23 18	1 14	12 16	1 45	23 29	1 19	18 55	0 45	2 34	2 17	20 15	0 36	21 32	0 41	5 2	13 46	0 9	0 14	2 13	6 52	6 45
T 30	21s40	15s 3	2s47	23s37	1s20	12s41	1n44	23s22	1s18	18s58	0n45	2s36	2n18	20s15	0s35	21n32	0s41	5s 2	13n46	0n 8	0s15	2n17	6n51	6s45

Julian Day Number = 2358712.5, Delta T = 14.81 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'31, Lahiri = 20°18'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1745
geocentric

DECEMBER 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 42	8♐59'13	9♓15	13♐47	9♏36	20♑ 6	27♏58	12♎ 0	2♒23	18°R21	22♏20	0°D19	29♓18	4♈44	24♌56	W 1
T 2	4 43 38	10° 0'08	21° 6	15°21	10°50	20°53	28°11	12° 5	2°25	18♋19	22°22	0♈19	29°15	4°51	24°57	T 2
F 3	4 47 35	11° 1'03	2♈53	16°55	12° 5	21°39	28°25	12°10	2°28	18°18	22°24	0°R19	29°12	4°58	24°58	F 3
S 4	4 51 31	12° 2'00	14°42	18°29	13°19	22°26	28°38	12°15	2°30	18°17	22°27	0°18	29° 8	5° 4	24°58	S 4
S 5	4 55 28	13° 2'57	26°37	20° 3	14°34	23°13	28°51	12°20	2°33	18°15	22°29	0°15	29° 5	5°11	24°59	S 5
M 6	4 59 24	14° 3'55	8♉43	21°36	15°48	23°59	29° 4	12°24	2°36	18°14	22°31	0° 9	29° 2	5°18	24°59	M 6
T 7	5 3 21	15° 4'54	21° 2	23°10	17° 3	24°46	29°17	12°29	2°38	18°13	22°34	0° 1	28°59	5°24	24°59	T 7
W 8	5 7 18	16° 5'54	3♊37	24°44	18°17	25°33	29°30	12°34	2°41	18°11	22°36	29♓50	28°56	5°31	25° 0	W 8
T 9	5 11 14	17° 6'54	16°28	26°18	19°32	26°19	29°43	12°38	2°43	18°10	22°38	29°37	28°53	5°38	25°R 0	T 9
F 10	5 15 11	18° 7'56	29°34	27°52	20°47	27° 6	29°56	12°43	2°46	18° 9	22°40	29°23	28°49	5°44	25° 0	F 10
S 11	5 19 7	19° 8'58	12♋54	29°26	22° 1	27°53	0♐ 9	12°47	2°49	18° 7	22°42	29°11	28°46	5°51	24°59	S 11
S 12	5 23 4	20°10'01	26°25	1♑ 1	23°16	28°40	0°22	12°51	2°52	18° 6	22°45	29° 0	28°43	5°57	24°59	S 12
M13	5 27 0	21°11'04	10♌ 6	2°34	24°31	29°27	0°35	12°55	2°54	18° 4	22°47	28°52	28°40	6° 4	24°59	M13
T 14	5 30 57	22°12'09	23°54	4° 8	25°45	0♒14	0°48	12°59	2°57	18° 3	22°49	28°47	28°37	6°11	24°58	T 14
W15	5 34 53	23°13'14	7♍47	5°42	27° 0	1° 0	1° 1	13° 3	3° 0	18° 1	22°51	28°44	28°34	6°17	24°57	W15
T 16	5 38 50	24°14'20	21°47	7°16	28°15	1°47	1°14	13° 7	3° 3	18° 0	22°53	28°44	28°30	6°24	24°56	T 16
F 17	5 42 47	25°15'27	5♎51	8°49	29°30	2°34	1°27	13°11	3° 6	17°58	22°55	28°44	28°27	6°31	24°56	F 17
S 18	5 46 43	26°16'35	20° 0	10°22	0♐45	3°21	1°40	13°15	3° 9	17°57	22°58	28°43	28°24	6°37	24°55	S 18
S 19	5 50 40	27°17'44	4♏13	11°55	2° 0	4° 8	1°52	13°19	3°12	17°55	23° 0	28°40	28°21	6°44	24°53	S 19
M20	5 54 36	28°18'53	18°26	13°27	3°15	4°55	2° 5	13°22	3°15	17°54	23° 2	28°34	28°18	6°51	24°52	M20
T 21	5 58 33	29°20'03	2♐36	14°59	4°29	5°42	2°18	13°26	3°18	17°52	23° 4	28°24	28°14	6°57	24°51	T 21
W22	6 2 29	0♑21'13	16°39	16°29	5°44	6°29	2°30	13°29	3°21	17°50	23° 6	28°13	28°11	7° 4	24°49	W22
T 23	6 6 26	1°22'24	0♑30	17°59	6°59	7°17	2°43	13°32	3°24	17°49	23° 8	28° 0	28° 8	7°11	24°48	T 23
F 24	6 10 22	2°23'35	14° 4	19°28	8°14	8° 4	2°55	13°35	3°27	17°47	23°10	27°46	28° 5	7°17	24°46	F 24
S 25	6 14 19	3°24'47	27°19	20°55	9°29	8°51	3° 8	13°39	3°30	17°46	23°12	27°34	28° 2	7°24	24°44	S 25
S 26	6 18 16	4°25'58	10♒12	22°20	10°44	9°38	3°20	13°42	3°34	17°44	23°14	27°24	27°59	7°31	24°43	S 26
M27	6 22 12	5°27'09	22°45	23°43	11°59	10°25	3°33	13°44	3°37	17°42	23°16	27°17	27°55	7°37	24°41	M27
T 28	6 26 9	6°28'20	5♓ 0	25° 4	13°14	11°12	3°45	13°47	3°40	17°41	23°18	27°13	27°52	7°44	24°39	T 28
W29	6 30 5	7°29'31	17° 1	26°22	14°29	11°59	3°57	13°50	3°43	17°39	23°19	27°11	27°49	7°50	24°36	W29
T 30	6 34 2	8°30'42	28°53	27°36	15°44	12°47	4° 9	13°52	3°46	17°37	23°21	27°D11	27°46	7°57	24°34	T 30
F 31	6 37 58	9♑31'52	10♈41	28♑46	16♐59	13♒34	4♐21	13♎55	3♒50	17♋36	23♏23	27°R11	27♓43	8♈ 4	24♌32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s50	9s49	1s50	23s54	1s25	13s 5	1n43	23s15	1s18	19s 1	0n45	2s38	2n18	20s14	0s35	21n32	0s41	5s 3	13n46	0n 8	0s17	2n20	6n51	6s46
T 2	21 59	4 17	0 49	24 10	1 30	13 29	1 42	23 8	1 18	19 4	0 45	2 40	2 18	20 13	0 35	21 32	0 41	5 3	13 46	0 8	0 18	2 24	6 50	6 47
F 3	22 8	1n21	0n14	24 24	1 35	13 53	1 40	23 1	1 18	19 7	0 45	2 42	2 18	20 13	0 35	21 33	0 41	5 3	13 46	0 8	0 19	2 27	6 49	6 47
S 4	22 16	6 58	1 16	24 38	1 40	14 17	1 39	22 53	1 18	19 10	0 45	2 43	2 19	20 12	0 35	21 33	0 41	5 4	13 47	0 7	0 21	2 30	6 48	6 48
S 5	22 24	12 23	2 15	24 50	1 44	14 40	1 38	22 45	1 17	19 12	0 45	2 45	2 19	20 12	0 35	21 33	0 41	5 4	13 47	0 6	0 22	2 34	6 47	6 49
M 6	22 31	17 24	3 9	25 0	1 48	15 3	1 37	22 37	1 17	19 15	0 45	2 47	2 19	20 11	0 35	21 33	0 41	5 5	13 47	0 4	0 23	2 37	6 47	6 49
T 7	22 38	21 49	3 55	25 10	1 52	15 26	1 35	22 28	1 17	19 18	0 44	2 48	2 19	20 10	0 35	21 33	0 41	5 5	13 47	0 0	0 24	2 41	6 46	6 50
W 8	22 45	25 20	4 30	25 18	1 56	15 48	1 34	22 19	1 17	19 21	0 44	2 50	2 19	20 10	0 35	21 33	0 41	5 6	13 47	0s 4	0 26	2 44	6 45	6 50
T 9	22 51	27 38	4 53	25 24	1 59	16 10	1 32	22 10	1 17	19 24	0 44	2 51	2 20	20 9	0 35	21 34	0 41	5 6	13 47	0 9	0 27	2 48	6 45	6 51
F 10	22 57	28 29	5 0	25 30	2 2	16 31	1 31	22 1	1 16	19 27	0 44	2 53	2 20	20 9	0 35	21 34	0 41	5 7	13 47	0 15	0 28	2 51	6 44	6 52
S 11	23 2	27 41	4 52	25 33	2 5	16 52	1 29	21 51	1 16	19 29	0 44	2 54	2 20	20 8	0 35	21 34	0 41	5 7	13 47	0 20	0 29	2 55	6 44	6 52
S 12	23 7	25 16	4 27	25 36	2 7	17 12	1 27	21 42	1 16	19 32	0 44	2 56	2 20	20 7	0 35	21 34	0 41	5 7	13 47	0 24	0 31	2 58	6 43	6 53
M13	23 11	21 23	3 47	25 36	2 9	17 32	1 26	21 32	1 16	19 35	0 44	2 57	2 21	20 7	0 35	21 34	0 41	5 8	13 48	0 27	0 32	3 1	6 43	6 54
T 14	23 15	16 18	2 53	25 36	2 11	17 52	1 24	21 21	1 15	19 38	0 44	2 58	2 21	20 6	0 35	21 35	0 41	5 8	13 48	0 29	0 33	3 5	6 42	6 54
W15	23 18	10 20	1 48	25 33	2 12	18 11	1 22	21 11	1 15	19 40	0 44	3 0	2 21	20 5	0 35	21 35	0 41	5 8	13 48	0 30	0 34	3 8	6 42	6 55
T 16	23 21	3 50	0 37	25 30	2 13	18 30	1 20	21 0	1 15	19 43	0 44	3 1	2 21	20 5	0 35	21 35	0 41	5 9	13 48	0 30	0 36	3 12	6 42	6 55
F 17	23 23	2s54	0s38	25 24	2 14	18 48	1 18	20 49	1 14	19 46	0 44	3 2	2 22	20 4	0 35	21 35	0 41	5 9	13 48	0 30	0 37	3 15	6 41	6 56
S 18	23 25	9 32	1 50	25 17	2 14	19 6	1 16	20 38	1 14	19 48	0 44	3 4	2 22	20 3	0 35	21 35	0 41	5 9	13 48	0 31	0 38	3 19	6 41	6 57
S 19	23 27	15 42	2 56	25 9	2 13	19 23	1 14	20 27	1 14	19 51	0 44	3 5	2 22	20 2	0 35	21 36	0 41	5 10	13 49	0 32	0 40	3 22	6 41	6 57
M20	23 28	21 1	3 50	24 59	2 12	19 39	1 12	20 15	1 13	19 53	0 44	3 6	2 22	20 2	0 35	21 36	0 41	5 10	13 49	0 34	0 41	3 26	6 41	6 58
T 21	23 28	25 8	4 31	24 47	2 10	19 56	1 10	20 3	1 13	19 56	0 44	3 7	2 23	20 1	0 35	21 36	0 41	5 10	13 49	0 38	0 42	3 29	6 41	6 58
W22	23 28	27 41	4 54	24 34	2 8	20 11	1 8	19 51	1 13	19 58	0 44	3 8	2 23	20 0	0 35	21 36	0 41	5 10	13 49	0 43	0 43	3 32	6 41	6 59
T 23	23 28	28 28	5 0	24 20	2 5	20 26	1 5	19 39	1 12	20 1	0 44	3 9	2 23	20 0	0 35	21 36	0 41	5 11	13 50	0 48	0 45	3 36	6 41	6 59
F 24	23 27	27 30	4 48	24 4	2 2	20 40	1 3	19 26	1 12	20 3	0 44	3 10	2 23	19 59	0 35	21 37	0 41	5 11	13 50	0 53	0 46	3 39	6 41	7 0
S 25	23 26	25 0	4 21	23 47	1 57	20 54	1 1	19 14	1 12	20 6	0 44	3 11	2 24	19 58	0 35	21 37	0 41	5 11	13 50	0 58	0 47	3 43	6 41	7 0
S 26	23 24	21 16	3 41	23 28	1 52	21 7	0 59	19 1	1 11	20 8	0 44	3 12	2 24	19 57	0 35	21 37	0 41	5 11	13 50	1 2	0 48	3 46	6 41	7 1
M27	23 22	16 39	2 51	23 8	1 46	21 20	0 56	18 48	1 11	20 10	0 44	3 13	2 24	19 57	0 35	21 37	0 41	5 12	13 50	1 5	0 50	3 50	6 41	7 1
T 28	23 19	11 28	1 55	22 47	1 39	21 32	0 54	18 34	1 11	20 13	0 44	3 14	2 25	19 56	0 35	21 38	0 41	5 12	13 51	1 7	0 51	3 53	6 41	7 2
W29	23 16	5 57	0 54	22 25	1 32	21 43	0 51	18 21	1 10	20 15	0 44	3 14	2 25	19 55	0 35	21 38	0 41	5 12	13 51	1 7	0 52	3 56	6 42	7 3
T 30	23 12	0 18	0n 9	22 2	1 23	21 54	0 49	18 7	1 10	20 17	0 44	3 15	2 25	19 54	0 35	21 38	0 41	5 12	13 51	1 7	0 53	4 0	6 42	7 3
F 31	23s 8	5n19	1n11	21s38	1s13	22s 4	0n47	17s53	1s10	20s20	0n44	3s16	2n25	19s54	0s35	21n38	0s41	5s12	13n51	1s 7	0s55	4n 3	6n42	7s 4

Julian Day Number = 2358742.5, Delta T = 14.84 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'35, Lahiri = 20°18'36Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

JANUARY 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 55	10♑33'02	22♈30	29♑51	18♐14	14♒21	4♐34	13♎57	3♒53	17°R34	23♏25	27°R10	27♓40	8♈10	24°R29	S 1
S 2	6 45 51	11°34'12	4♉26	0♒51	19°29	15° 8	4°46	14° 0	3°56	17♋32	23°27	27♓ 8	27°36	8°17	24♌27	S 2
M 3	6 49 48	12°35'22	16°34	1°44	20°44	15°55	4°57	14° 2	4° 0	17°31	23°29	27° 3	27°33	8°24	24°24	M 3
T 4	6 53 45	13°36'31	28°59	2°30	21°59	16°42	5° 9	14° 4	4° 3	17°29	23°30	26°56	27°30	8°30	24°21	T 4
W 5	6 57 41	14°37'39	11♊44	3° 8	23°14	17°30	5°21	14° 6	4° 6	17°27	23°32	26°46	27°27	8°37	24°18	W 5
T 6	7 1 38	15°38'48	24°49	3°37	24°29	18°17	5°33	14° 8	4°10	17°26	23°34	26°34	27°24	8°44	24°15	T 6
F 7	7 5 34	16°39'56	8♋14	3°56	25°45	19° 4	5°45	14°10	4°13	17°24	23°35	26°22	27°20	8°50	24°12	F 7
S 8	7 9 31	17°41'04	21°57	4°R 4	27° 0	19°51	5°56	14°11	4°16	17°22	23°37	26°10	27°17	8°57	24° 9	S 8
S 9	7 13 27	18°42'11	5♌55	4° 1	28°15	20°38	6° 8	14°13	4°20	17°20	23°39	26° 0	27°14	9° 4	24° 6	S 9
M10	7 17 24	19°43'18	20° 3	3°47	29°30	21°26	6°19	14°14	4°23	17°19	23°40	25°53	27°11	9°10	24° 3	M10
T 11	7 21 21	20°44'24	4♍16	3°20	0♑45	22°13	6°30	14°16	4°27	17°17	23°42	25°48	27° 8	9°17	23°59	T 11
W12	7 25 17	21°45'31	18°30	2°42	2° 0	23° 0	6°42	14°17	4°30	17°15	23°43	25°46	27° 5	9°24	23°56	W12
T 13	7 29 14	22°46'37	2♎43	1°54	3°15	23°47	6°53	14°18	4°34	17°14	23°45	25°D46	27° 1	9°30	23°52	T 13
F 14	7 33 10	23°47'43	16°51	0°55	4°30	24°34	7° 4	14°19	4°37	17°12	23°46	25°47	26°58	9°37	23°49	F 14
S 15	7 37 7	24°48'48	0♏55	29♑49	5°45	25°22	7°15	14°20	4°40	17°10	23°48	25°R47	26°55	9°44	23°45	S 15
S 16	7 41 3	25°49'54	14°53	28°37	7° 0	26° 9	7°26	14°21	4°44	17° 9	23°49	25°45	26°52	9°50	23°41	S 16
M17	7 45 0	26°50'59	28°46	27°20	8°15	26°56	7°37	14°22	4°47	17° 7	23°50	25°41	26°49	9°57	23°38	M17
T 18	7 48 56	27°52'03	12♐30	26° 3	9°31	27°43	7°48	14°22	4°51	17° 5	23°52	25°34	26°46	10° 3	23°34	T 18
W19	7 52 53	28°53'08	26° 5	24°46	10°46	28°30	7°59	14°23	4°54	17° 4	23°53	25°26	26°42	10°10	23°30	W19
T 20	7 56 50	29°54'11	9♑29	23°33	12° 1	29°17	8° 9	14°23	4°58	17° 2	23°54	25°16	26°39	10°17	23°26	T 20
F 21	8 0 46	0♒55'14	22°40	22°25	13°16	0♓ 5	8°20	14°23	5° 1	17° 0	23°56	25° 5	26°36	10°23	23°22	F 21
S 22	8 4 43	1°56'16	5♒36	21°23	14°31	0°52	8°30	14°24	5° 5	16°59	23°57	24°56	26°33	10°30	23°18	S 22
S 23	8 8 39	2°57'18	18°16	20°29	15°46	1°39	8°40	14°R24	5° 8	16°57	23°58	24°48	26°30	10°37	23°13	S 23
M24	8 12 36	3°58'18	0♓41	19°43	17° 1	2°26	8°51	14°24	5°12	16°55	23°59	24°43	26°26	10°43	23° 9	M24
T 25	8 16 32	4°59'17	12°52	19° 6	18°16	3°13	9° 1	14°24	5°15	16°54	24° 0	24°40	26°23	10°50	23° 5	T 25
W26	8 20 29	6° 0'15	24°51	18°38	19°32	4° 0	9°11	14°23	5°19	16°52	24° 1	24°D39	26°20	10°57	23° 0	W26
T 27	8 24 25	7° 1'11	6♈42	18°18	20°47	4°47	9°21	14°23	5°22	16°51	24° 2	24°40	26°17	11° 3	22°56	T 27
F 28	8 28 22	8° 2'07	18°29	18° 8	22° 2	5°34	9°31	14°23	5°26	16°49	24° 3	24°41	26°14	11°10	22°52	F 28
S 29	8 32 19	9° 3'01	0♉18	18°D 5	23°17	6°21	9°40	14°22	5°30	16°48	24° 4	24°42	26°11	11°17	22°47	S 29
S 30	8 36 15	10° 3'54	12°13	18° 9	24°32	7° 8	9°50	14°21	5°33	16°46	24° 5	24°R43	26° 7	11°23	22°43	S 30
M31	8 40 12	11♒ 4'45	24♉21	18♑21	25♑47	7♓55	9♐59	14♎20	5♒37	16♋44	24♏ 6	24♓41	26♓ 4	11♈30	22♌38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	10n47	2n10	21s14	1s 3	22s13	0n44	17s39	1s 9	20s22	0n44	3s17	2n26	19s53	0s35	21n38	0s41	5s13	13n52	1s 8	0s56	4n 7	6n42	7s 4
S 2	22 58	15 54	3 4	20 50	0 51	22 22	0 42	17 25	1 9	20 24	0 44	3 17	2 26	19 52	0 35	21 39	0 41	5 13	13 52	1 9	0 57	4 10	6 43	7 4
M 3	22 53	20 30	3 51	20 26	0 38	22 30	0 39	17 10	1 8	20 26	0 44	3 18	2 26	19 51	0 35	21 39	0 41	5 13	13 52	1 10	0 58	4 14	6 43	7 5
T 4	22 47	24 18	4 27	20 2	0 24	22 37	0 37	16 56	1 8	20 28	0 44	3 18	2 26	19 50	0 35	21 39	0 41	5 13	13 53	1 13	1 0	4 17	6 44	7 5
W 5	22 40	27 2	4 52	19 38	0 9	22 44	0 34	16 41	1 7	20 30	0 44	3 19	2 27	19 50	0 35	21 39	0 41	5 13	13 53	1 17	1 1	4 20	6 44	7 6
T 6	22 33	28 24	5 2	19 16	0n 7	22 50	0 31	16 26	1 7	20 32	0 44	3 19	2 27	19 49	0 35	21 40	0 41	5 13	13 53	1 22	1 2	4 24	6 45	7 6
F 7	22 26	28 8	4 55	18 55	0 24	22 56	0 29	16 11	1 7	20 34	0 44	3 20	2 27	19 48	0 35	21 40	0 41	5 13	13 54	1 27	1 4	4 27	6 45	7 7
S 8	22 18	26 10	4 32	18 36	0 41	23 0	0 26	15 56	1 6	20 36	0 44	3 20	2 28	19 47	0 35	21 40	0 41	5 13	13 54	1 32	1 5	4 31	6 46	7 7
S 9	22 10	22 34	3 52	18 19	1 0	23 4	0 24	15 40	1 6	20 38	0 44	3 20	2 28	19 46	0 35	21 40	0 41	5 13	13 54	1 36	1 6	4 34	6 47	7 7
M10	22 1	17 38	2 58	18 4	1 18	23 7	0 21	15 25	1 5	20 40	0 44	3 21	2 28	19 46	0 35	21 40	0 41	5 13	13 54	1 38	1 7	4 37	6 47	7 8
T 11	21 52	11 42	1 52	17 52	1 37	23 10	0 18	15 9	1 5	20 42	0 44	3 21	2 28	19 45	0 35	21 41	0 41	5 13	13 55	1 40	1 9	4 41	6 48	7 8
W12	21 43	5 9	0 39	17 42	1 56	23 12	0 16	14 53	1 4	20 44	0 44	3 21	2 29	19 44	0 35	21 41	0 41	5 13	13 55	1 41	1 10	4 44	6 49	7 9
T 13	21 33	1s39	0s37	17 36	2 14	23 13	0 13	14 37	1 4	20 46	0 44	3 21	2 29	19 43	0 35	21 41	0 41	5 13	13 55	1 41	1 11	4 48	6 50	7 9
F 14	21 23	8 20	1 50	17 32	2 31	23 13	0 11	14 21	1 3	20 48	0 44	3 22	2 29	19 42	0 35	21 41	0 41	5 13	13 56	1 41	1 12	4 51	6 51	7 9
S 15	21 12	14 34	2 56	17 31	2 46	23 13	0 8	14 4	1 3	20 50	0 44	3 22	2 30	19 41	0 35	21 42	0 41	5 13	13 56	1 41	1 14	4 55	6 51	7 10
S 16	21 1	20 0	3 51	17 32	3 0	23 12	0 5	13 48	1 3	20 52	0 44	3 22	2 30	19 41	0 35	21 42	0 41	5 13	13 56	1 41	1 15	4 58	6 52	7 10
M17	20 49	24 20	4 32	17 36	3 11	23 10	0 3	13 31	1 2	20 53	0 44	3 22	2 30	19 40	0 35	21 42	0 41	5 13	13 57	1 43	1 16	5 1	6 53	7 10
T 18	20 37	27 14	4 57	17 41	3 20	23 8	0 0	13 15	1 2	20 55	0 44	3 22	2 30	19 39	0 35	21 42	0 41	5 13	13 57	1 46	1 17	5 5	6 54	7 10
W19	20 25	28 30	5 5	17 48	3 27	23 5	0s 2	12 58	1 1	20 57	0 44	3 22	2 31	19 38	0 35	21 43	0 41	5 13	13 58	1 49	1 19	5 8	6 55	7 11
T 20	20 12	28 3	4 56	17 57	3 31	23 1	0 5	12 41	1 1	20 58	0 44	3 22	2 31	19 37	0 35	21 43	0 41	5 13	13 58	1 53	1 20	5 12	6 56	7 11
F 21	19 59	26 1	4 31	18 6	3 33	22 56	0 7	12 24	1 0	21 0	0 44	3 21	2 31	19 36	0 35	21 43	0 41	5 13	13 58	1 57	1 21	5 15	6 57	7 11
S 22	19 45	22 39	3 52	18 17	3 32	22 51	0 10	12 7	1 0	21 2	0 44	3 21	2 32	19 35	0 35	21 43	0 41	5 13	13 59	2 1	1 22	5 18	6 59	7 11
S 23	19 32	18 16	3 3	18 28	3 29	22 45	0 12	11 49	0 59	21 3	0 44	3 21	2 32	19 35	0 35	21 43	0 41	5 13	13 59	2 4	1 24	5 22	7 0	7 11
M24	19 17	13 12	2 5	18 39	3 25	22 38	0 15	11 32	0 58	21 5	0 44	3 21	2 32	19 34	0 35	21 44	0 41	5 13	13 59	2 6	1 25	5 25	7 1	7 12
T 25	19 3	7 43	1 3	18 50	3 19	22 31	0 17	11 14	0 58	21 6	0 44	3 20	2 32	19 33	0 35	21 44	0 41	5 13	14 0	2 7	1 26	5 29	7 2	7 12
W26	18 48	2 2	0n 1	19 1	3 11	22 23	0 20	10 57	0 57	21 8	0 44	3 20	2 33	19 32	0 35	21 44	0 41	5 13	14 0	2 8	1 28	5 32	7 3	7 12
T 27	18 33	3n39	1 5	19 12	3 3	22 14	0 22	10 39	0 57	21 9	0 44	3 20	2 33	19 31	0 35	21 44	0 41	5 13	14 1	2 8	1 29	5 35	7 5	7 12
F 28	18 17	9 11	2 5	19 23	2 53	22 5	0 25	10 21	0 56	21 11	0 44	3 19	2 33	19 30	0 35	21 45	0 41	5 12	14 1	2 7	1 30	5 39	7 6	7 12
S 29	18 1	14 25	3 1	19 34	2 43	21 55	0 27	10 3	0 56	21 12	0 44	3 19	2 34	19 30	0 35	21 45	0 41	5 12	14 1	2 6	1 31	5 42	7 7	7 12
S 30	17 45	19 9	3 49	19 43	2 32	21 44	0 29	9 45	0 55	21 14	0 44	3 18	2 34	19 29	0 35	21 45	0 41	5 12	14 2	2 6	1 33	5 46	7 9	7 12
M31	17s28	23n13	4n28	19s53	2n21	21s32	0s32	9s27	0s55	21s15	0n44	3s18	2n34	19s28	0s35	21n45	0s41	5s12	14n 2	2s 7	1s34	5n49	7n10	7s12

Julian Day Number = 2358773.5, Delta T = 14.86 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'39, Lahiri = 20°18'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

FEBRUARY 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 8	12♒ 5'35	6♊45	18♉40	27♉ 2	8♓42	10♐ 9	14°R20	5♒40	16°R43	24♏ 7	24°R39	26♓ 1	11♈37	22°R34	T 1
W 2	8 48 5	13° 6'24	19°30	19° 4	28°17	9°29	10°18	14♎19	5°43	16♋41	24° 8	24♓34	25°58	11°43	22♌29	W 2
T 3	8 52 1	14° 7'11	2♋39	19°34	29°32	10°16	10°27	14°18	5°47	16°40	24° 9	24°28	25°55	11°50	22°24	T 3
F 4	8 55 58	15° 7'57	16°13	20° 9	0♒47	11° 3	10°36	14°16	5°50	16°39	24°10	24°21	25°52	11°57	22°20	F 4
S 5	8 59 54	16° 8'42	0♌11	20°49	2° 2	11°50	10°45	14°15	5°54	16°37	24°10	24°14	25°48	12° 3	22°15	S 5
S 6	9 3 51	17° 9'24	14°29	21°33	3°17	12°37	10°54	14°14	5°57	16°36	24°11	24° 9	25°45	12°10	22°10	S 6
M 7	9 7 48	18°10'06	29° 1	22°21	4°32	13°24	11° 3	14°12	6° 1	16°34	24°12	24° 5	25°42	12°16	22° 6	M 7
T 8	9 11 44	19°10'46	13♍42	23°12	5°48	14°11	11°11	14°11	6° 4	16°33	24°12	24° 3	25°39	12°23	22° 1	T 8
W 9	9 15 41	20°11'25	28°23	24° 7	7° 3	14°57	11°20	14° 9	6° 8	16°32	24°13	24°D 3	25°36	12°30	21°56	W 9
T 10	9 19 37	21°12'03	13♎ 0	25° 5	8°18	15°44	11°28	14° 7	6°11	16°30	24°14	24° 4	25°32	12°36	21°51	T 10
F 11	9 23 34	22°12'39	27°27	26° 6	9°33	16°31	11°36	14° 5	6°15	16°29	24°14	24° 5	25°29	12°43	21°47	F 11
S 12	9 27 30	23°13'14	11♏41	27° 9	10°48	17°17	11°44	14° 3	6°18	16°28	24°15	24° 6	25°26	12°50	21°42	S 12
S 13	9 31 27	24°13'48	25°41	28°14	12° 3	18° 4	11°52	14° 1	6°21	16°26	24°15	24°R 7	25°23	12°56	21°37	S 13
M14	9 35 23	25°14'21	9♐25	29°22	13°18	18°51	12° 0	13°59	6°25	16°25	24°15	24° 6	25°20	13° 3	21°32	M14
T 15	9 39 20	26°14'53	22°54	0♒32	14°33	19°37	12° 8	13°57	6°28	16°24	24°16	24° 4	25°17	13°10	21°28	T 15
W16	9 43 17	27°15'24	6♑ 8	1°44	15°48	20°24	12°15	13°54	6°31	16°23	24°16	24° 0	25°13	13°16	21°23	W16
T 17	9 47 13	28°15'53	19° 9	2°57	17° 3	21°11	12°23	13°52	6°35	16°21	24°17	23°56	25°10	13°23	21°18	T 17
F 18	9 51 10	29°16'21	1♒56	4°12	18°18	21°57	12°30	13°49	6°38	16°20	24°17	23°52	25° 7	13°30	21°14	F 18
S 19	9 55 6	0♓16'47	14°31	5°29	19°33	22°44	12°37	13°46	6°41	16°19	24°17	23°48	25° 4	13°36	21° 9	S 19
S 20	9 59 3	1°17'11	26°54	6°48	20°48	23°30	12°44	13°44	6°45	16°18	24°17	23°45	25° 1	13°43	21° 4	S 20
M21	10 2 59	2°17'34	9♓ 5	8° 7	22° 3	24°17	12°51	13°41	6°48	16°17	24°17	23°43	24°58	13°50	21° 0	M21
T 22	10 6 56	3°17'55	21° 7	9°29	23°18	25° 3	12°57	13°38	6°51	16°16	24°18	23°D42	24°54	13°56	20°55	T 22
W23	10 10 52	4°18'14	3♈ 1	10°51	24°32	25°49	13° 4	13°35	6°54	16°15	24°18	23°43	24°51	14° 3	20°51	W23
T 24	10 14 49	5°18'31	14°51	12°15	25°47	26°36	13°10	13°32	6°58	16°14	24°18	23°44	24°48	14°10	20°46	T 24
F 25	10 18 46	6°18'46	26°38	13°40	27° 2	27°22	13°17	13°29	7° 1	16°13	24°R18	23°45	24°45	14°16	20°42	F 25
S 26	10 22 42	7°18'59	8♉27	15° 7	28°17	28° 8	13°23	13°26	7° 4	16°12	24°18	23°47	24°42	14°23	20°37	S 26
S 27	10 26 39	8°19'11	20°22	16°35	29°32	28°55	13°29	13°22	7° 7	16°11	24°18	23°48	24°38	14°30	20°33	S 27
M28	10 30 35	9♓19'20	2♊28	18♒ 3	0♓47	29♓41	13♐34	13♎19	7♒10	16♋10	24♏18	23♓49	24♓35	14♈36	20♌28	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s12	26n19	4n55	20s 1	2n10	21s20	0s34	9s 9	0s54	21s16	0n44	3s17	2n34	19s27	0s35	21n45	0s41	5s12	14n 3	2s 8	1s35	5n52	7n11	7s13
W 2	16 54	28 11	5 9	20 9	1 59	21 8	0 36	8 51	0 54	21 18	0 44	3 16	2 35	19 26	0 35	21 46	0 41	5 11	14 3	2 10	1 36	5 56	7 13	7 13
T 3	16 37	28 34	5 7	20 16	1 47	20 54	0 39	8 33	0 53	21 19	0 44	3 16	2 35	19 25	0 35	21 46	0 41	5 11	14 3	2 12	1 38	5 59	7 14	7 13
F 4	16 19	27 15	4 48	20 23	1 36	20 40	0 41	8 14	0 52	21 20	0 44	3 15	2 35	19 24	0 35	21 46	0 41	5 11	14 4	2 15	1 39	6 3	7 16	7 13
S 5	16 1	24 14	4 12	20 28	1 25	20 26	0 43	7 56	0 52	21 21	0 44	3 14	2 35	19 24	0 35	21 46	0 41	5 11	14 4	2 17	1 40	6 6	7 17	7 13
S 6	15 43	19 41	3 19	20 32	1 13	20 11	0 45	7 38	0 51	21 23	0 45	3 14	2 36	19 23	0 35	21 46	0 41	5 11	14 5	2 20	1 41	6 9	7 19	7 13
M 7	15 24	13 54	2 12	20 36	1 2	19 55	0 47	7 19	0 51	21 24	0 45	3 13	2 36	19 22	0 35	21 47	0 40	5 10	14 5	2 21	1 43	6 13	7 20	7 12
T 8	15 6	7 17	0 56	20 38	0 51	19 39	0 49	7 0	0 50	21 25	0 45	3 12	2 36	19 21	0 35	21 47	0 40	5 10	14 5	2 22	1 44	6 16	7 22	7 12
W 9	14 47	0 17	0s24	20 39	0 41	19 22	0 51	6 42	0 50	21 26	0 45	3 11	2 37	19 20	0 35	21 47	0 40	5 10	14 6	2 22	1 45	6 20	7 23	7 12
T 10	14 27	6s42	1 42	20 39	0 30	19 4	0 53	6 23	0 49	21 27	0 45	3 10	2 37	19 19	0 35	21 47	0 40	5 10	14 6	2 22	1 46	6 23	7 25	7 12
F 11	14 8	13 16	2 53	20 38	0 20	18 46	0 55	6 4	0 48	21 28	0 45	3 9	2 37	19 18	0 35	21 47	0 40	5 9	14 7	2 21	1 48	6 26	7 27	7 12
S 12	13 48	19 2	3 52	20 36	0 10	18 28	0 57	5 46	0 48	21 29	0 45	3 8	2 37	19 18	0 35	21 47	0 40	5 9	14 7	2 21	1 49	6 30	7 28	7 12
S 13	13 28	23 40	4 36	20 32	0 1	18 9	0 58	5 27	0 47	21 30	0 45	3 7	2 38	19 17	0 35	21 48	0 40	5 9	14 7	2 20	1 50	6 33	7 30	7 12
M14	13 8	26 53	5 3	20 27	0s 9	17 49	1 0	5 8	0 47	21 31	0 45	3 6	2 38	19 16	0 35	21 48	0 40	5 8	14 8	2 21	1 52	6 36	7 31	7 12
T 15	12 47	28 30	5 13	20 21	0 18	17 29	1 2	4 49	0 46	21 32	0 45	3 5	2 38	19 15	0 35	21 48	0 40	5 8	14 8	2 22	1 53	6 40	7 33	7 11
W16	12 27	28 26	5 7	20 14	0 27	17 8	1 4	4 30	0 45	21 33	0 45	3 4	2 38	19 14	0 35	21 48	0 40	5 8	14 9	2 23	1 54	6 43	7 35	7 11
T 17	12 6	26 47	4 44	20 6	0 35	16 47	1 5	4 11	0 45	21 34	0 45	3 2	2 39	19 14	0 35	21 48	0 40	5 7	14 9	2 25	1 55	6 47	7 36	7 11
F 18	11 45	23 46	4 7	19 56	0 43	16 26	1 7	3 52	0 44	21 35	0 45	3 1	2 39	19 13	0 35	21 49	0 40	5 7	14 10	2 26	1 57	6 50	7 38	7 11
S 19	11 23	19 41	3 19	19 45	0 51	16 4	1 8	3 33	0 44	21 36	0 45	3 0	2 39	19 12	0 35	21 49	0 40	5 7	14 10	2 28	1 58	6 53	7 40	7 11
S 20	11 2	14 48	2 22	19 33	0 59	15 41	1 10	3 14	0 43	21 37	0 45	2 59	2 39	19 11	0 35	21 49	0 40	5 6	14 10	2 29	1 59	6 57	7 41	7 10
M21	10 40	9 24	1 20	19 19	1 6	15 18	1 11	2 55	0 42	21 38	0 45	2 57	2 39	19 10	0 35	21 49	0 40	5 6	14 11	2 30	2 0	7 0	7 43	7 10
T 22	10 19	3 45	0 14	19 4	1 13	14 55	1 12	2 36	0 42	21 38	0 45	2 56	2 40	19 9	0 35	21 49	0 40	5 6	14 11	2 30	2 2	7 3	7 45	7 10
W23	9 57	1n59	0n51	18 48	1 19	14 31	1 14	2 17	0 41	21 39	0 45	2 55	2 40	19 9	0 35	21 49	0 40	5 5	14 12	2 30	2 3	7 7	7 47	7 9
T 24	9 35	7 37	1 54	18 31	1 25	14 7	1 15	1 58	0 40	21 40	0 45	2 53	2 40	19 8	0 35	21 49	0 40	5 5	14 12	2 30	2 4	7 10	7 48	7 9
F 25	9 13	12 58	2 52	18 12	1 31	13 42	1 16	1 39	0 40	21 41	0 45	2 52	2 40	19 7	0 35	21 50	0 40	5 4	14 13	2 29	2 5	7 13	7 50	7 9
S 26	8 50	17 51	3 43	17 52	1 37	13 18	1 17	1 20	0 39	21 41	0 45	2 51	2 40	19 6	0 35	21 50	0 40	5 4	14 13	2 28	2 7	7 17	7 52	7 8
S 27	8 28	22 7	4 25	17 31	1 42	12 52	1 18	1 1	0 39	21 42	0 45	2 49	2 41	19 6	0 35	21 50	0 40	5 4	14 13	2 28	2 8	7 20	7 54	7 8
M28	8s 5	25n30	4n55	17s 8	1s47	12s27	1s19	0s42	0s38	21s43	0n45	2s48	2n41	19s 5	0s35	21n50	0s40	5s 3	14n14	2s28	2s 9	7n23	7n55	7s 7

Julian Day Number = 2358804.5, Delta T = 14.88 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'44, Lahiri = 20°18'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

MARCH 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 32	10♓19'27	14♊49	19♒33	2♓ 2	0♈27	13♐40	13°R15	7♒13	16°R 9	24°R18	23°R49	24♓32	14♈43	20°R24	T 1
W 2	10 38 28	11°19'32	27°30	21° 4	3°17	1°13	13°45	13♎12	7°16	16♋ 8	24♏17	23♓48	24°29	14°49	20♌20	W 2
T 3	10 42 25	12°19'35	10♋34	22°37	4°32	1°59	13°51	13° 8	7°19	16° 8	24°17	23°47	24°26	14°56	20°16	T 3
F 4	10 46 21	13°19'36	24° 5	24°10	5°46	2°45	13°56	13° 5	7°22	16° 7	24°17	23°46	24°23	15° 3	20°11	F 4
S 5	10 50 18	14°19'35	8♌ 3	25°45	7° 1	3°31	14° 1	13° 1	7°25	16° 6	24°17	23°45	24°19	15° 9	20° 7	S 5
S 6	10 54 15	15°19'31	22°26	27°21	8°16	4°17	14° 5	12°57	7°28	16° 5	24°17	23°44	24°16	15°16	20° 3	S 6
M 7	10 58 11	16°19'26	7♍10	28°57	9°31	5° 3	14°10	12°53	7°31	16° 5	24°16	23°43	24°13	15°23	19°59	M 7
T 8	11 2 8	17°19'18	22° 8	0♓35	10°46	5°49	14°15	12°49	7°34	16° 4	24°16	23°D43	24°10	15°29	19°55	T 8
W 9	11 6 4	18°19'09	7♎13	2°15	12° 0	6°35	14°19	12°45	7°37	16° 3	24°16	23°43	24° 7	15°36	19°51	W 9
T 10	11 10 1	19°18'57	22°14	3°55	13°15	7°20	14°23	12°41	7°40	16° 3	24°15	23°43	24° 3	15°43	19°48	T 10
F 11	11 13 57	20°18'44	7♏ 5	5°36	14°30	8° 6	14°27	12°37	7°43	16° 2	24°15	23°44	24° 0	15°49	19°44	F 11
S 12	11 17 54	21°18'29	21°39	7°19	15°45	8°52	14°31	12°33	7°45	16° 2	24°14	23°44	23°57	15°56	19°40	S 12
S 13	11 21 50	22°18'13	5♐51	9° 3	16°59	9°38	14°34	12°29	7°48	16° 1	24°14	23°44	23°54	16° 3	19°37	S 13
M14	11 25 47	23°17'54	19°40	10°48	18°14	10°23	14°38	12°25	7°51	16° 1	24°13	23°44	23°51	16° 9	19°33	M14
T 15	11 29 44	24°17'34	3♑ 7	12°35	19°29	11° 9	14°41	12°20	7°54	16° 0	24°13	23°44	23°48	16°16	19°30	T 15
W16	11 33 40	25°17'13	16°12	14°22	20°43	11°54	14°44	12°16	7°56	16° 0	24°12	23°44	23°44	16°23	19°26	W16
T 17	11 37 37	26°16'49	28°59	16°11	21°58	12°40	14°47	12°12	7°59	16° 0	24°11	23°44	23°41	16°29	19°23	T 17
F 18	11 41 33	27°16'24	11♒30	18° 1	23°13	13°25	14°50	12° 7	8° 1	15°59	24°11	23°45	23°38	16°36	19°20	F 18
S 19	11 45 30	28°15'57	23°48	19°52	24°27	14°11	14°52	12° 3	8° 4	15°59	24°10	23°45	23°35	16°43	19°17	S 19
S 20	11 49 26	29°15'28	5♓55	21°45	25°42	14°56	14°54	11°58	8° 7	15°59	24° 9	23°46	23°32	16°49	19°14	S 20
M21	11 53 23	0♈14'57	17°54	23°39	26°57	15°41	14°57	11°54	8° 9	15°58	24° 8	23°R46	23°29	16°56	19°11	M21
T 22	11 57 19	1°14'24	29°48	25°34	28°11	16°27	14°59	11°49	8°11	15°58	24° 8	23°46	23°25	17° 3	19° 8	T 22
W23	12 1 16	2°13'49	11♈37	27°31	29°26	17°12	15° 0	11°45	8°14	15°58	24° 7	23°45	23°22	17° 9	19° 5	W23
T 24	12 5 13	3°13'12	23°25	29°28	0♈40	17°57	15° 2	11°40	8°16	15°58	24° 6	23°44	23°19	17°16	19° 3	T 24
F 25	12 9 9	4°12'32	5♉14	1♈27	1°55	18°42	15° 3	11°36	8°19	15°58	24° 5	23°43	23°16	17°23	19° 0	F 25
S 26	12 13 6	5°11'51	17° 6	3°27	3° 9	19°27	15° 5	11°31	8°21	15°58	24° 4	23°41	23°13	17°29	18°58	S 26
S 27	12 17 2	6°11'07	29° 3	5°28	4°24	20°12	15° 6	11°26	8°23	15°D58	24° 3	23°40	23° 9	17°36	18°55	S 27
M28	12 20 59	7°10'21	11♊11	7°30	5°38	20°57	15° 6	11°22	8°25	15°58	24° 2	23°38	23° 6	17°43	18°53	M28
T 29	12 24 55	8° 9'33	23°31	9°32	6°53	21°42	15° 7	11°17	8°27	15°58	24° 1	23°37	23° 3	17°49	18°51	T 29
W30	12 28 52	9° 8'43	6♋ 8	11°36	8° 7	22°27	15° 8	11°13	8°30	15°58	24° 0	23°D36	23° 0	17°56	18°49	W30
T 31	12 32 48	10♈ 7'50	19♋ 6	13♈40	9♈22	23♈12	15♐ 8	11♎ 8	8♒32	15♋58	23♏59	23♓37	22♓57	18♈ 3	18♌47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s42	27n48	5n13	16s44	1s51	12s 1	1s20	0s24	0s37	21s43	0n45	2s46	2n41	19s 4	0s36	21n50	0s40	5s 3	14n14	2s28	2s10	7n27	7n57	7s 7
W 2	7 20	28 43	5 16	16 19	1 55	11 34	1 21	0 5	0 37	21 44	0 46	2 44	2 41	19 3	0 36	21 50	0 40	5 2	14 15	2 28	2 12	7 30	7 59	7 7
T 3	6 57	28 6	5 4	15 52	1 59	11 8	1 22	0n14	0 36	21 45	0 46	2 43	2 41	19 2	0 36	21 50	0 40	5 2	14 15	2 28	2 13	7 34	8 0	7 6
F 4	6 34	25 49	4 34	15 24	2 2	10 41	1 22	0 33	0 35	21 45	0 46	2 41	2 42	19 2	0 36	21 51	0 40	5 2	14 15	2 29	2 14	7 37	8 2	7 6
S 5	6 11	21 56	3 47	14 55	2 5	10 14	1 23	0 52	0 35	21 46	0 46	2 40	2 42	19 1	0 36	21 51	0 40	5 1	14 16	2 29	2 16	7 40	8 4	7 5
S 6	5 47	16 39	2 45	14 24	2 7	9 47	1 24	1 11	0 34	21 46	0 46	2 38	2 42	19 0	0 36	21 51	0 40	5 1	14 16	2 30	2 17	7 44	8 6	7 5
M 7	5 24	10 18	1 31	13 52	2 9	9 19	1 24	1 30	0 33	21 47	0 46	2 36	2 42	19 0	0 36	21 51	0 40	5 0	14 17	2 30	2 18	7 47	8 7	7 4
T 8	5 1	3 15	0 9	13 19	2 11	8 51	1 25	1 49	0 33	21 47	0 46	2 35	2 42	18 59	0 36	21 51	0 40	5 0	14 17	2 30	2 19	7 50	8 9	7 4
W 9	4 38	4s 0	1s14	12 45	2 12	8 23	1 25	2 7	0 32	21 48	0 46	2 33	2 42	18 58	0 36	21 51	0 40	4 59	14 17	2 30	2 21	7 54	8 11	7 3
T 10	4 14	11 1	2 32	12 9	2 13	7 54	1 26	2 26	0 32	21 48	0 46	2 31	2 43	18 57	0 36	21 51	0 40	4 59	14 18	2 30	2 22	7 57	8 12	7 3
F 11	3 51	17 20	3 38	11 32	2 13	7 26	1 26	2 45	0 31	21 48	0 46	2 30	2 43	18 57	0 36	21 51	0 40	4 58	14 18	2 30	2 23	8 0	8 14	7 2
S 12	3 27	22 32	4 29	10 54	2 13	6 57	1 26	3 3	0 30	21 49	0 46	2 28	2 43	18 56	0 36	21 51	0 40	4 58	14 18	2 30	2 24	8 4	8 16	7 2
S 13	3 3	26 17	5 3	10 14	2 12	6 28	1 26	3 22	0 30	21 49	0 46	2 26	2 43	18 55	0 36	21 51	0 40	4 57	14 19	2 30	2 26	8 7	8 17	7 1
M14	2 40	28 20	5 17	9 33	2 11	5 59	1 26	3 41	0 29	21 49	0 46	2 24	2 43	18 55	0 36	21 52	0 39	4 57	14 19	2 30	2 27	8 10	8 19	7 0
T 15	2 16	28 40	5 14	8 51	2 10	5 30	1 26	3 59	0 28	21 50	0 46	2 23	2 43	18 54	0 36	21 52	0 39	4 56	14 20	2 30	2 28	8 14	8 21	7 0
W16	1 53	27 21	4 54	8 8	2 8	5 0	1 26	4 17	0 28	21 50	0 46	2 21	2 43	18 53	0 36	21 52	0 39	4 56	14 20	2 29	2 29	8 17	8 22	6 59
T 17	1 29	24 38	4 20	7 23	2 6	4 31	1 26	4 36	0 27	21 50	0 46	2 19	2 43	18 53	0 36	21 52	0 39	4 55	14 20	2 29	2 31	8 20	8 24	6 58
F 18	1 5	20 47	3 34	6 37	2 3	4 1	1 26	4 54	0 26	21 51	0 46	2 17	2 44	18 52	0 36	21 52	0 39	4 55	14 21	2 29	2 32	8 23	8 25	6 58
S 19	0 41	16 6	2 39	5 50	1 59	3 31	1 26	5 12	0 26	21 51	0 46	2 15	2 44	18 51	0 36	21 52	0 39	4 54	14 21	2 29	2 33	8 27	8 27	6 57
S 20	0 18	10 52	1 38	5 2	1 55	3 1	1 26	5 31	0 25	21 51	0 46	2 14	2 44	18 51	0 36	21 52	0 39	4 54	14 21	2 29	2 34	8 30	8 28	6 56
M21	0n 6	5 17	0 32	4 13	1 51	2 31	1 25	5 49	0 24	21 51	0 46	2 12	2 44	18 50	0 36	21 52	0 39	4 53	14 22	2 29	2 36	8 33	8 30	6 56
T 22	0 30	0n26	0n33	3 23	1 46	2 1	1 25	6 7	0 24	21 51	0 46	2 10	2 44	18 50	0 36	21 52	0 39	4 53	14 22	2 29	2 37	8 37	8 32	6 55
W23	0 53	6 6	1 38	2 31	1 40	1 31	1 24	6 25	0 23	21 52	0 46	2 8	2 44	18 49	0 36	21 52	0 39	4 52	14 22	2 29	2 38	8 40	8 33	6 54
T 24	1 17	11 33	2 37	1 39	1 34	1 1	1 24	6 42	0 22	21 52	0 47	2 6	2 44	18 48	0 36	21 52	0 39	4 52	14 23	2 29	2 39	8 43	8 34	6 54
F 25	1 41	16 35	3 30	0 45	1 27	0 30	1 23	7 0	0 22	21 52	0 47	2 4	2 44	18 48	0 36	21 52	0 39	4 51	14 23	2 30	2 41	8 47	8 36	6 53
S 26	2 4	21 2	4 14	0n 9	1 20	0 0	1 22	7 18	0 21	21 52	0 47	2 3	2 44	18 47	0 36	21 52	0 39	4 51	14 23	2 31	2 42	8 50	8 37	6 52
S 27	2 28	24 39	4 48	1 4	1 13	0n30	1 22	7 36	0 20	21 52	0 47	2 1	2 44	18 47	0 36	21 52	0 39	4 50	14 24	2 31	2 43	8 53	8 39	6 52
M28	2 51	27 15	5 9	2 0	1 4	1 0	1 21	7 53	0 20	21 52	0 47	1 59	2 44	18 46	0 36	21 52	0 39	4 50	14 24	2 32	2 44	8 57	8 40	6 51
T 29	3 14	28 35	5 16	2 56	0 56	1 31	1 20	8 11	0 19	21 52	0 47	1 57	2 44	18 46	0 36	21 52	0 39	4 49	14 24	2 32	2 46	9 0	8 42	6 50
W30	3 38	28 29	5 9	3 53	0 47	2 1	1 19	8 28	0 18	21 52	0 47	1 55	2 44	18 45	0 36	21 52	0 39	4 49	14 25	2 33	2 47	9 3	8 43	6 49
T 31	4n 1	26n49	4n46	4n50	0s37	2n31	1s18	8n45	0s18	21s52	0n47	1s53	2n44	18s44	0s36	21n52	0s39	4s48	14n25	2s32	2s48	9n 6	8n44	6s49

Julian Day Number = 2358832.5, Delta T = 14.91 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'47, Lahiri = 20°18'48Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

APRIL 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 45	11♈ 6'55	2♌28	15♈44	10♈36	23♈57	15°R 8	11°R 3	8♒34	15♋58	23°R58	23♓37	22♓54	18♈ 9	18°R45	F 1
S 2	12 40 42	12° 5'57	16°17	17°48	11°51	24°42	15♐ 8	10♎59	8°36	15°58	23♏57	23°39	22°50	18°16	18♌43	S 2
S 3	12 44 38	13° 4'58	0♍31	19°52	13° 5	25°26	15° 8	10°54	8°38	15°59	23°56	23°40	22°47	18°22	18°42	S 3
M 4	12 48 35	14° 3'55	15°11	21°56	14°19	26°11	15° 7	10°49	8°40	15°59	23°55	23°41	22°44	18°29	18°40	M 4
T 5	12 52 31	15° 2'51	0♎10	23°59	15°34	26°56	15° 7	10°45	8°42	15°59	23°54	23°R41	22°41	18°36	18°39	T 5
W 6	12 56 28	16° 1'44	15°22	26° 1	16°48	27°40	15° 6	10°40	8°43	15°59	23°52	23°40	22°38	18°42	18°37	W 6
T 7	13 0 24	17° 0'36	0♏37	28° 2	18° 3	28°25	15° 5	10°35	8°45	16° 0	23°51	23°38	22°35	18°49	18°36	T 7
F 8	13 4 21	17°59'26	15°45	0♑ 1	19°17	29° 9	15° 4	10°31	8°47	16° 0	23°50	23°35	22°31	18°56	18°35	F 8
S 9	13 8 17	18°58'13	0♐36	1°58	20°31	29°53	15° 2	10°26	8°49	16° 0	23°49	23°31	22°28	19° 2	18°34	S 9
S 10	13 12 14	19°57'00	15° 5	3°52	21°45	0♑38	15° 1	10°22	8°50	16° 1	23°47	23°28	22°25	19° 9	18°33	S 10
M11	13 16 11	20°55'44	29° 6	5°44	23° 0	1°22	14°59	10°17	8°52	16° 1	23°46	23°25	22°22	19°16	18°32	M11
T 12	13 20 7	21°54'27	12♑39	7°32	24°14	2° 6	14°57	10°13	8°54	16° 2	23°45	23°24	22°19	19°22	18°31	T 12
W13	13 24 4	22°53'08	25°45	9°18	25°28	2°51	14°55	10° 8	8°55	16° 2	23°43	23°D23	22°15	19°29	18°31	W13
T 14	13 28 0	23°51'47	8♒29	10°59	26°42	3°35	14°52	10° 4	8°57	16° 3	23°42	23°24	22°12	19°36	18°30	T 14
F 15	13 31 57	24°50'24	20°52	12°37	27°57	4°19	14°50	9°59	8°58	16° 4	23°41	23°26	22° 9	19°42	18°30	F 15
S 16	13 35 53	25°49'00	3♓ 1	14°10	29°11	5° 3	14°47	9°55	8°59	16° 4	23°39	23°27	22° 6	19°49	18°30	S 16
S 17	13 39 50	26°47'34	14°59	15°39	0♑25	5°47	14°44	9°51	9° 1	16° 5	23°38	23°29	22° 3	19°56	18°30	S 17
M18	13 43 46	27°46'06	26°51	17° 4	1°39	6°31	14°41	9°46	9° 2	16° 6	23°36	23°R29	22° 0	20° 2	18°D30	M18
T 19	13 47 43	28°44'37	8♈39	18°24	2°53	7°15	14°38	9°42	9° 3	16° 6	23°35	23°28	21°56	20° 9	18°30	T 19
W20	13 51 39	29°43'06	20°26	19°39	4° 7	7°59	14°35	9°38	9° 4	16° 7	23°33	23°25	21°53	20°16	18°30	W20
T 21	13 55 36	0♑41'33	2♑15	20°49	5°21	8°42	14°31	9°33	9° 6	16° 8	23°32	23°20	21°50	20°22	18°30	T 21
F 22	13 59 33	1°39'58	14° 8	21°54	6°36	9°26	14°28	9°29	9° 7	16° 9	23°30	23°14	21°47	20°29	18°31	F 22
S 23	14 3 29	2°38'21	26° 6	22°54	7°50	10°10	14°24	9°25	9° 8	16°10	23°29	23° 7	21°44	20°36	18°31	S 23
S 24	14 7 26	3°36'42	8♊12	23°50	9° 4	10°54	14°20	9°21	9° 9	16°11	23°27	22°59	21°40	20°42	18°32	S 24
M25	14 11 22	4°35'01	20°27	24°39	10°18	11°37	14°15	9°17	9°10	16°11	23°26	22°52	21°37	20°49	18°33	M25
T 26	14 15 19	5°33'19	2♋53	25°24	11°32	12°21	14°11	9°13	9°11	16°12	23°24	22°46	21°34	20°56	18°33	T 26
W27	14 19 15	6°31'34	15°32	26° 3	12°46	13° 4	14° 7	9° 9	9°12	16°13	23°23	22°42	21°31	21° 2	18°34	W27
T 28	14 23 12	7°29'48	28°29	26°37	14° 0	13°48	14° 2	9° 6	9°12	16°14	23°21	22°40	21°28	21° 9	18°35	T 28
F 29	14 27 9	8°27'59	11♌45	27° 5	15°14	14°31	13°57	9° 2	9°13	16°15	23°20	22°D40	21°25	21°16	18°37	F 29
S 30	14 31 5	9♑26'08	25♌23	27♑28	16♑28	15♑14	13♐52	8♎58	9♒14	16♋17	23♏18	22♓41	21♓21	21♈22	18♌38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n24	23n38	4n 7	5n47	0s27	3n 1	1s17	9n 2	0s17	21s52	0n47	1s51	2n44	18s44	0s36	21n52	0s39	4s48	14n25	2s32	2s49	9n10	8n45	6s48
S 2	4 47	19 2	3 12	6 44	0 17	3 31	1 16	9 20	0 16	21 52	0 47	1 50	2 45	18 43	0 36	21 52	0 39	4 47	14 25	2 32	2 51	9 13	8 47	6 47
S 3	5 10	13 15	2 5	7 41	0 6	4 1	1 15	9 36	0 16	21 52	0 47	1 48	2 45	18 43	0 36	21 52	0 39	4 47	14 26	2 31	2 52	9 16	8 48	6 46
M 4	5 33	6 34	0 47	8 38	0n 5	4 31	1 14	9 53	0 15	21 52	0 47	1 46	2 45	18 43	0 36	21 52	0 39	4 46	14 26	2 31	2 53	9 20	8 49	6 45
T 5	5 56	0s37	0s36	9 34	0 16	5 1	1 13	10 10	0 14	21 52	0 47	1 44	2 45	18 42	0 36	21 52	0 39	4 46	14 26	2 31	2 55	9 23	8 50	6 45
W 6	6 19	7 51	1 57	10 29	0 27	5 31	1 11	10 27	0 14	21 52	0 47	1 42	2 45	18 42	0 36	21 52	0 39	4 45	14 26	2 31	2 56	9 26	8 52	6 44
T 7	6 42	14 40	3 10	11 23	0 38	6 1	1 10	10 43	0 13	21 52	0 47	1 41	2 45	18 41	0 37	21 52	0 39	4 45	14 27	2 32	2 57	9 29	8 53	6 43
F 8	7 4	20 32	4 9	12 16	0 50	6 30	1 9	11 0	0 12	21 51	0 47	1 39	2 45	18 41	0 37	21 52	0 39	4 44	14 27	2 33	2 58	9 33	8 54	6 42
S 9	7 26	25 1	4 50	13 8	1 1	6 59	1 7	11 16	0 12	21 51	0 47	1 37	2 44	18 40	0 37	21 52	0 39	4 44	14 27	2 35	3 0	9 36	8 55	6 41
S 10	7 49	27 47	5 11	13 57	1 12	7 29	1 6	11 32	0 11	21 51	0 47	1 35	2 44	18 40	0 37	21 52	0 39	4 43	14 27	2 36	3 1	9 39	8 56	6 41
M11	8 11	28 41	5 13	14 45	1 23	7 58	1 4	11 48	0 10	21 51	0 47	1 34	2 44	18 40	0 37	21 52	0 39	4 43	14 28	2 37	3 2	9 43	8 57	6 40
T 12	8 33	27 48	4 57	15 31	1 33	8 27	1 2	12 4	0 10	21 51	0 47	1 32	2 44	18 39	0 37	21 52	0 39	4 42	14 28	2 38	3 3	9 46	8 58	6 39
W13	8 55	25 22	4 26	16 14	1 43	8 55	1 1	12 20	0 9	21 50	0 47	1 30	2 44	18 39	0 37	21 52	0 39	4 42	14 28	2 38	3 5	9 49	8 59	6 38
T 14	9 16	21 45	3 42	16 56	1 53	9 24	0 59	12 36	0 9	21 50	0 47	1 28	2 44	18 38	0 37	21 52	0 38	4 41	14 28	2 37	3 6	9 52	9 0	6 37
F 15	9 38	17 14	2 49	17 34	2 2	9 52	0 57	12 51	0 8	21 50	0 47	1 27	2 44	18 38	0 37	21 52	0 38	4 41	14 28	2 37	3 7	9 56	9 1	6 36
S 16	9 59	12 7	1 50	18 11	2 10	10 20	0 56	13 7	0 7	21 49	0 47	1 25	2 44	18 38	0 37	21 52	0 38	4 40	14 29	2 36	3 8	9 59	9 2	6 36
S 17	10 21	6 38	0 46	18 44	2 17	10 48	0 54	13 22	0 7	21 49	0 47	1 23	2 44	18 37	0 37	21 52	0 38	4 40	14 29	2 36	3 10	10 2	9 3	6 35
M18	10 42	0 58	0n18	19 15	2 24	11 15	0 52	13 37	0 6	21 49	0 47	1 22	2 44	18 37	0 37	21 52	0 38	4 39	14 29	2 35	3 11	10 5	9 3	6 34
T 19	11 3	4n41	1 22	19 44	2 30	11 43	0 50	13 52	0 5	21 48	0 47	1 20	2 44	18 37	0 37	21 52	0 38	4 39	14 29	2 36	3 12	10 9	9 4	6 33
W20	11 23	10 11	2 22	20 10	2 35	12 10	0 48	14 7	0 5	21 48	0 47	1 19	2 44	18 36	0 37	21 52	0 38	4 38	14 29	2 37	3 13	10 12	9 5	6 32
T 21	11 44	15 20	3 15	20 33	2 40	12 36	0 46	14 22	0 4	21 47	0 47	1 17	2 44	18 36	0 37	21 52	0 38	4 38	14 29	2 39	3 15	10 15	9 6	6 31
F 22	12 4	19 56	4 1	20 53	2 43	13 3	0 44	14 36	0 3	21 47	0 47	1 15	2 44	18 36	0 37	21 52	0 38	4 37	14 29	2 41	3 16	10 18	9 6	6 30
S 23	12 24	23 47	4 36	21 11	2 45	13 29	0 42	14 51	0 3	21 47	0 47	1 14	2 44	18 36	0 37	21 52	0 38	4 37	14 30	2 44	3 17	10 22	9 7	6 30
S 24	12 44	26 38	4 59	21 26	2 46	13 55	0 40	15 5	0 2	21 46	0 47	1 12	2 43	18 35	0 37	21 52	0 38	4 36	14 30	2 47	3 18	10 25	9 8	6 29
M25	13 4	28 16	5 9	21 39	2 46	14 20	0 38	15 19	0 1	21 46	0 47	1 11	2 43	18 35	0 37	21 52	0 38	4 36	14 30	2 50	3 20	10 28	9 8	6 28
T 26	13 24	28 31	5 5	21 49	2 46	14 45	0 36	15 33	0 1	21 45	0 47	1 10	2 43	18 35	0 37	21 52	0 38	4 35	14 30	2 52	3 21	10 31	9 9	6 27
W27	13 43	27 17	4 45	21 57	2 44	15 10	0 33	15 47	0 0	21 45	0 47	1 8	2 43	18 35	0 37	21 51	0 38	4 35	14 30	2 54	3 22	10 35	9 9	6 26
T 28	14 2	24 36	4 11	22 2	2 40	15 34	0 31	16 1	0n 1	21 44	0 47	1 7	2 43	18 35	0 37	21 51	0 38	4 35	14 30	2 55	3 23	10 38	9 10	6 25
F 29	14 21	20 32	3 23	22 4	2 36	15 58	0 29	16 14	0 1	21 44	0 47	1 5	2 43	18 35	0 37	21 51	0 38	4 34	14 30	2 55	3 25	10 41	9 10	6 24
S 30	14n39	15n19	2n22	22n 4	2n31	16n21	0s27	16n28	0n 2	21s43	0n47	1s 4	2n43	18s34	0s37	21n51	0s38	4s34	14n30	2s55	3s26	10n44	9n11	6s24

Julian Day Number = 2358863.5, Delta T = 14.93 sec
Ecliptic obliquity = 23°28'30, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'52, Lahiri = 20°18'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

MAY 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 2	10♉24'15	9♍25	27♉46	17♉42	15♉58	13°R47	8°R55	9♒15	16♋18	23°R16	22♓42	21♓18	21♈29	18♌39	S 1
M 2	14 38 58	11°22'20	23°50	27°58	18°55	16°41	13♐42	8♎51	9°15	16°19	23♏15	22°R42	21°15	21°36	18°41	M 2
T 3	14 42 55	12°20'23	8♎37	28° 5	20° 9	17°24	13°36	8°47	9°16	16°20	23°13	22°41	21°12	21°42	18°43	T 3
W 4	14 46 51	13°18'25	23°39	28°R 7	21°23	18° 7	13°31	8°44	9°16	16°21	23°12	22°38	21° 9	21°49	18°44	W 4
T 5	14 50 48	14°16'24	8♏50	28° 3	22°37	18°50	13°25	8°41	9°17	16°22	23°10	22°33	21° 6	21°56	18°46	T 5
F 6	14 54 44	15°14'22	23°59	27°55	23°51	19°33	13°19	8°37	9°17	16°24	23° 8	22°26	21° 2	22° 2	18°48	F 6
S 7	14 58 41	16°12'19	8♐56	27°42	25° 5	20°16	13°13	8°34	9°18	16°25	23° 7	22°18	20°59	22° 9	18°50	S 7
S 8	15 2 37	17°10'14	23°32	27°25	26°19	20°59	13° 7	8°31	9°18	16°26	23° 5	22°10	20°56	22°16	18°52	S 8
M 9	15 6 34	18° 8'08	7♑42	27° 4	27°32	21°42	13° 1	8°28	9°18	16°27	23° 3	22° 3	20°53	22°22	18°55	M 9
T 10	15 10 31	19° 6'00	21°23	26°39	28°46	22°25	12°55	8°25	9°18	16°29	23° 2	21°57	20°50	22°29	18°57	T 10
W11	15 14 27	20° 3'52	4♒35	26°11	29°59	23° 8	12°48	8°22	9°19	16°30	23° 0	21°54	20°46	22°36	18°59	W11
T 12	15 18 24	21° 1'42	17°20	25°41	1♊14	23°51	12°42	8°19	9°19	16°32	22°58	21°D53	20°43	22°42	19° 2	T 12
F 13	15 22 20	21°59'30	29°44	25° 8	2°27	24°33	12°35	8°17	9°19	16°33	22°57	21°53	20°40	22°49	19° 5	F 13
S 14	15 26 17	22°57'18	11♓51	24°35	3°41	25°16	12°28	8°14	9°R19	16°34	22°55	21°54	20°37	22°56	19° 8	S 14
S 15	15 30 13	23°55'04	23°47	24° 0	4°55	25°58	12°22	8°11	9°19	16°36	22°53	21°R54	20°34	23° 2	19°10	S 15
M16	15 34 10	24°52'49	5♈36	23°25	6° 8	26°41	12°15	8° 9	9°19	16°37	22°52	21°53	20°31	23° 9	19°13	M16
T 17	15 38 6	25°50'33	17°22	22°50	7°22	27°24	12° 8	8° 7	9°19	16°39	22°50	21°50	20°27	23°16	19°17	T 17
W18	15 42 3	26°48'16	29°11	22°17	8°36	28° 6	12° 1	8° 4	9°18	16°41	22°48	21°44	20°24	23°22	19°20	W18
T 19	15 46 0	27°45'58	11♉ 4	21°45	9°49	28°48	11°53	8° 2	9°18	16°42	22°47	21°36	20°21	23°29	19°23	T 19
F 20	15 49 56	28°43'38	23° 4	21°15	11° 3	29°31	11°46	8° 0	9°18	16°44	22°45	21°26	20°18	23°36	19°26	F 20
S 21	15 53 53	29°41'18	5♊12	20°47	12°17	0♊13	11°39	7°58	9°18	16°45	22°43	21°14	20°15	23°42	19°30	S 21
S 22	15 57 49	0♊38'56	17°30	20°23	13°30	0°55	11°32	7°56	9°17	16°47	22°42	21° 1	20°12	23°49	19°34	S 22
M23	16 1 46	1°36'33	29°58	20° 2	14°44	1°37	11°24	7°54	9°17	16°49	22°40	20°50	20° 8	23°56	19°37	M23
T 24	16 5 42	2°34'08	12♋37	19°44	15°58	2°20	11°17	7°53	9°16	16°50	22°38	20°40	20° 5	24° 2	19°41	T 24
W25	16 9 39	3°31'42	25°27	19°31	17°11	3° 2	11° 9	7°51	9°16	16°52	22°37	20°32	20° 2	24° 9	19°45	W25
T 26	16 13 36	4°29'15	8♌31	19°21	18°25	3°44	11° 2	7°49	9°15	16°54	22°35	20°27	19°59	24°16	19°49	T 26
F 27	16 17 32	5°26'47	21°49	19°16	19°38	4°26	10°54	7°48	9°15	16°56	22°34	20°25	19°56	24°22	19°53	F 27
S 28	16 21 29	6°24'17	5♍24	19°D15	20°52	5° 8	10°47	7°47	9°14	16°57	22°32	20°D24	19°52	24°29	19°57	S 28
S 29	16 25 25	7°21'45	19°17	19°19	22° 5	5°50	10°39	7°45	9°13	16°59	22°30	20°R24	19°49	24°36	20° 1	S 29
M30	16 29 22	8°19'12	3♎28	19°27	23°19	6°31	10°31	7°44	9°13	17° 1	22°29	20°24	19°46	24°42	20° 6	M30
T 31	16 33 18	9♊16'38	17♎57	19♉40	24♊32	7♊13	10♐24	7♎43	9♒12	17♋ 3	22♏27	20♓22	19♓43	24♈49	20♌10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n58	9n 9	1n11	22n 2	2n24	16n45	0s24	16n41	0n 2	21s42	0n47	1s 3	2n43	18s34	0s37	21n51	0s38	4s33	14n30	2s54	3s27	10n47	9n11	6s23
M 2	15 16	2 22	0s 6	21 57	2 16	17 7	0 22	16 54	0 3	21 42	0 47	1 1	2 42	18 34	0 37	21 51	0 38	4 33	14 30	2 54	3 28	10 51	9 11	6 22
T 3	15 34	4s43	1 25	21 49	2 7	17 30	0 20	17 7	0 4	21 41	0 47	1 0	2 42	18 34	0 37	21 51	0 38	4 32	14 30	2 54	3 30	10 54	9 12	6 21
W 4	15 51	11 39	2 39	21 40	1 57	17 51	0 17	17 19	0 4	21 40	0 47	0 59	2 42	18 34	0 37	21 51	0 38	4 32	14 30	2 55	3 31	10 57	9 12	6 20
T 5	16 9	17 58	3 42	21 28	1 45	18 13	0 15	17 32	0 5	21 40	0 47	0 58	2 42	18 34	0 38	21 51	0 38	4 32	14 30	2 58	3 32	11 0	9 12	6 19
F 6	16 26	23 9	4 30	21 14	1 33	18 33	0 13	17 44	0 6	21 39	0 47	0 57	2 42	18 34	0 38	21 50	0 38	4 31	14 30	3 0	3 33	11 3	9 12	6 18
S 7	16 43	26 43	4 58	20 58	1 20	18 54	0 10	17 56	0 6	21 38	0 47	0 56	2 42	18 34	0 38	21 50	0 38	4 31	14 30	3 4	3 35	11 7	9 13	6 18
S 8	16 59	28 25	5 6	20 40	1 5	19 14	0 8	18 8	0 7	21 38	0 47	0 55	2 42	18 34	0 38	21 50	0 38	4 30	14 30	3 7	3 36	11 10	9 13	6 17
M 9	17 15	28 9	4 55	20 20	0 50	19 33	0 5	18 20	0 8	21 37	0 47	0 53	2 41	18 34	0 38	21 50	0 38	4 30	14 30	3 10	3 37	11 13	9 13	6 16
T 10	17 31	26 10	4 27	19 59	0 34	19 52	0 3	18 32	0 8	21 36	0 47	0 52	2 41	18 34	0 38	21 50	0 38	4 30	14 30	3 12	3 38	11 16	9 13	6 15
W11	17 47	22 48	3 46	19 37	0 17	20 10	0 1	18 43	0 9	21 35	0 47	0 52	2 41	18 33	0 38	21 50	0 38	4 29	14 30	3 13	3 40	11 20	9 13	6 14
T 12	18 2	18 25	2 54	19 13	0 0	20 28	0n 2	18 55	0 9	21 35	0 47	0 51	2 41	18 33	0 38	21 50	0 38	4 29	14 30	3 13	3 41	11 23	9 13	6 13
F 13	18 18	13 23	1 56	18 48	0s17	20 45	0 4	19 6	0 10	21 34	0 47	0 50	2 41	18 34	0 38	21 50	0 38	4 29	14 30	3 13	3 42	11 26	9 13	6 13
S 14	18 32	7 57	0 54	18 23	0 34	21 2	0 7	19 17	0 11	21 33	0 47	0 49	2 40	18 34	0 38	21 49	0 38	4 28	14 30	3 13	3 43	11 29	9 13	6 12
S 15	18 47	2 19	0n10	17 58	0 52	21 18	0 9	19 28	0 11	21 32	0 47	0 48	2 40	18 34	0 38	21 49	0 38	4 28	14 30	3 13	3 45	11 32	9 13	6 11
M16	19 1	3n20	1 13	17 32	1 9	21 33	0 12	19 38	0 12	21 31	0 47	0 47	2 40	18 34	0 38	21 49	0 38	4 28	14 30	3 13	3 46	11 35	9 13	6 10
T 17	19 15	8 51	2 12	17 7	1 26	21 48	0 14	19 49	0 12	21 31	0 47	0 46	2 40	18 34	0 38	21 49	0 38	4 27	14 30	3 15	3 47	11 39	9 13	6 9
W18	19 28	14 5	3 5	16 43	1 43	22 2	0 17	19 59	0 13	21 30	0 47	0 46	2 40	18 34	0 38	21 49	0 37	4 27	14 30	3 17	3 48	11 42	9 12	6 8
T 19	19 41	18 49	3 50	16 19	1 59	22 16	0 19	20 9	0 14	21 29	0 46	0 45	2 39	18 34	0 38	21 49	0 37	4 27	14 30	3 20	3 50	11 45	9 12	6 8
F 20	19 54	22 51	4 26	15 56	2 14	22 29	0 21	20 19	0 14	21 28	0 46	0 44	2 39	18 34	0 38	21 48	0 37	4 27	14 30	3 24	3 51	11 48	9 12	6 7
S 21	20 7	25 57	4 50	15 35	2 28	22 42	0 24	20 28	0 15	21 27	0 46	0 44	2 39	18 34	0 38	21 48	0 37	4 26	14 29	3 29	3 52	11 51	9 12	6 6
S 22	20 19	27 53	5 1	15 16	2 42	22 53	0 26	20 38	0 16	21 26	0 46	0 43	2 39	18 34	0 38	21 48	0 37	4 26	14 29	3 34	3 53	11 54	9 11	6 5
M23	20 31	28 26	4 58	14 59	2 54	23 4	0 29	20 47	0 16	21 25	0 46	0 43	2 39	18 34	0 38	21 48	0 37	4 26	14 29	3 38	3 55	11 58	9 11	6 4
T 24	20 42	27 31	4 40	14 43	3 6	23 15	0 31	20 56	0 17	21 24	0 46	0 42	2 38	18 35	0 38	21 48	0 37	4 26	14 29	3 42	3 56	12 1	9 10	6 4
W25	20 53	25 9	4 8	14 30	3 16	23 25	0 33	21 5	0 17	21 23	0 46	0 42	2 38	18 35	0 38	21 47	0 37	4 25	14 29	3 45	3 57	12 4	9 10	6 3
T 26	21 4	21 25	3 23	14 18	3 25	23 34	0 36	21 13	0 18	21 22	0 46	0 41	2 38	18 35	0 38	21 47	0 37	4 25	14 29	3 47	3 58	12 7	9 10	6 2
F 27	21 15	16 33	2 25	14 9	3 33	23 42	0 38	21 22	0 19	21 21	0 46	0 41	2 38	18 35	0 38	21 47	0 37	4 25	14 28	3 48	4 0	12 10	9 9	6 1
S 28	21 25	10 46	1 19	14 3	3 39	23 50	0 40	21 30	0 19	21 20	0 46	0 41	2 37	18 35	0 38	21 47	0 37	4 25	14 28	3 48	4 1	12 13	9 8	6 1
S 29	21 34	4 20	0 6	13 58	3 45	23 57	0 43	21 38	0 20	21 19	0 46	0 40	2 37	18 36	0 38	21 47	0 37	4 24	14 28	3 48	4 2	12 17	9 8	6 0
M30	21 44	2s26	1s 9	13 56	3 49	24 3	0 45	21 46	0 20	21 19	0 45	0 40	2 37	18 36	0 38	21 47	0 37	4 24	14 28	3 49	4 3	12 20	9 7	5 59
T 31	21n52	9s13	2s20	13n56	3s53	24n 9	0n47	21n53	0n21	21s18	0n45	0s40	2n37	18s36	0s38	21n46	0s37	4s24	14n28	3s49	4s 5	12n23	9n 7	5s58

Julian Day Number = 2358893.5, Delta T = 14.95 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'56, Lahiri = 20°18'56Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

JUNE 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 15	10♊14'03	2♏41	19♉57	25♊46	7♊55	10°R16	7°R42	9°R11	17♋ 5	22°R26	20°R17	19♓40	24♈56	20♌15	W 1
T 2	16 41 11	11°11'27	17°34	20°18	26°59	8°37	10♐ 9	7♎41	9♒10	17° 6	22♏24	20♓10	19°37	25° 2	20°19	T 2
F 3	16 45 8	12° 8'50	2♐28	20°44	28°12	9°18	10° 1	7°40	9° 9	17° 8	22°22	20° 0	19°33	25° 9	20°24	F 3
S 4	16 49 5	13° 6'11	17°14	21°14	29°26	10° 0	9°53	7°40	9° 8	17°10	22°21	19°49	19°30	25°16	20°29	S 4
S 5	16 53 1	14° 3'33	1♑45	21°49	0♋39	10°41	9°46	7°39	9° 7	17°12	22°19	19°38	19°27	25°22	20°34	S 5
M 6	16 56 58	15° 0'53	15°53	22°27	1°52	11°23	9°38	7°39	9° 6	17°14	22°18	19°28	19°24	25°29	20°39	M 6
T 7	17 0 54	15°58'13	29°34	23°10	3° 6	12° 4	9°30	7°38	9° 5	17°16	22°16	19°20	19°21	25°36	20°44	T 7
W 8	17 4 51	16°55'32	12♒48	23°56	4°19	12°46	9°23	7°38	9° 4	17°18	22°15	19°15	19°18	25°42	20°49	W 8
T 9	17 8 47	17°52'50	25°37	24°47	5°32	13°27	9°15	7°38	9° 3	17°20	22°14	19°12	19°14	25°49	20°54	T 9
F 10	17 12 44	18°50'08	8♓ 3	25°41	6°46	14° 8	9° 8	7°D38	9° 2	17°22	22°12	19°10	19°11	25°56	20°59	F 10
S 11	17 16 40	19°47'26	20°12	26°39	7°59	14°50	9° 1	7°38	9° 0	17°24	22°11	19°10	19° 8	26° 2	21° 5	S 11
S 12	17 20 37	20°44'43	2♈ 8	27°40	9°12	15°31	8°53	7°38	8°59	17°26	22° 9	19°10	19° 5	26° 9	21°10	S 12
M13	17 24 34	21°42'00	13°58	28°46	10°26	16°12	8°46	7°38	8°58	17°28	22° 8	19° 9	19° 2	26°16	21°16	M13
T 14	17 28 30	22°39'17	25°47	29°54	11°39	16°53	8°39	7°39	8°56	17°30	22° 6	19° 5	18°58	26°22	21°21	T 14
W15	17 32 27	23°36'33	7♉38	1♊ 6	12°52	17°34	8°31	7°39	8°55	17°32	22° 5	18°59	18°55	26°29	21°27	W15
T 16	17 36 23	24°33'50	19°36	2°22	14° 5	18°15	8°24	7°40	8°53	17°34	22° 4	18°51	18°52	26°36	21°33	T 16
F 17	17 40 20	25°31'05	1♊44	3°41	15°18	18°56	8°17	7°40	8°52	17°36	22° 2	18°40	18°49	26°43	21°39	F 17
S 18	17 44 16	26°28'21	14° 4	5° 3	16°32	19°37	8°10	7°41	8°50	17°38	22° 1	18°27	18°46	26°49	21°44	S 18
S 19	17 48 13	27°25'36	26°36	6°29	17°45	20°18	8° 3	7°42	8°49	17°41	22° 0	18°14	18°43	26°56	21°50	S 19
M20	17 52 9	28°22'51	9♋21	7°58	18°58	20°59	7°57	7°43	8°47	17°43	21°59	18° 2	18°39	27° 3	21°56	M20
T 21	17 56 6	29°20'05	22°19	9°30	20°11	21°40	7°50	7°44	8°46	17°45	21°57	17°51	18°36	27° 9	22° 3	T 21
W22	18 0 3	0♋17'19	5♌28	11° 5	21°24	22°21	7°43	7°45	8°44	17°47	21°56	17°43	18°33	27°16	22° 9	W22
T 23	18 3 59	1°14'33	18°49	12°43	22°37	23° 2	7°37	7°46	8°42	17°49	21°55	17°38	18°30	27°23	22°15	T 23
F 24	18 7 56	2°11'46	2♍20	14°25	23°50	23°42	7°30	7°48	8°40	17°51	21°54	17°35	18°27	27°29	22°21	F 24
S 25	18 11 52	3° 8'58	16° 2	16°10	25° 3	24°23	7°24	7°49	8°39	17°53	21°53	17°D34	18°24	27°36	22°28	S 25
S 26	18 15 49	4° 6'10	29°55	17°57	26°16	25° 4	7°18	7°51	8°37	17°56	21°52	17°R34	18°20	27°43	22°34	S 26
M27	18 19 45	5° 3'22	14♎ 0	19°48	27°29	25°44	7°12	7°52	8°35	17°58	21°50	17°34	18°17	27°49	22°41	M27
T 28	18 23 42	6° 0'33	28°15	21°41	28°42	26°25	7° 6	7°54	8°33	18° 0	21°49	17°33	18°14	27°56	22°47	T 28
W29	18 27 38	6°57'44	12♏40	23°37	29°55	27° 5	7° 0	7°56	8°31	18° 2	21°48	17°29	18°11	28° 3	22°54	W29
T 30	18 31 35	7♋54'54	27♏ 9	25♊35	1♌ 8	27♊46	6♐55	7♎58	8♒29	18♋ 4	21♏47	17♓22	18♓ 8	28♈ 9	23♌ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 1	15s36	3s24	13n59	3s55	24n14	0n49	22n 1	0n21	21s17	0n45	0s40	2n37	18s36	0s39	21n46	0s37	4s24	14n27	3s51	4s 6	12n26	9n 6	5s58
T 2	22 9	21 9	4 14	14 3	3 56	24 18	0 51	22 8	0 22	21 16	0 45	0 40	2 36	18 36	0 39	21 46	0 37	4 24	14 27	3 54	4 7	12 29	9 5	5 57
F 3	22 17	25 22	4 47	14 10	3 56	24 21	0 54	22 15	0 23	21 15	0 45	0 40	2 36	18 37	0 39	21 46	0 37	4 24	14 27	3 58	4 8	12 32	9 4	5 56
S 4	22 24	27 51	5 0	14 18	3 55	24 24	0 56	22 22	0 23	21 14	0 45	0 40	2 36	18 37	0 39	21 45	0 37	4 24	14 27	4 2	4 10	12 35	9 4	5 55
S 5	22 31	28 22	4 54	14 29	3 54	24 26	0 58	22 28	0 24	21 13	0 45	0 40	2 36	18 37	0 39	21 45	0 37	4 23	14 27	4 7	4 11	12 38	9 3	5 55
M 6	22 38	26 59	4 30	14 41	3 51	24 27	1 0	22 35	0 24	21 12	0 45	0 40	2 35	18 38	0 39	21 45	0 37	4 23	14 26	4 10	4 12	12 42	9 2	5 54
T 7	22 44	24 1	3 50	14 55	3 48	24 28	1 2	22 41	0 25	21 11	0 44	0 40	2 35	18 38	0 39	21 45	0 37	4 23	14 26	4 14	4 13	12 45	9 1	5 53
W 8	22 50	19 52	3 0	15 11	3 43	24 28	1 4	22 47	0 26	21 10	0 44	0 40	2 35	18 38	0 39	21 45	0 37	4 23	14 26	4 16	4 15	12 48	9 0	5 52
T 9	22 55	14 54	2 1	15 27	3 38	24 27	1 6	22 53	0 26	21 9	0 44	0 40	2 35	18 39	0 39	21 44	0 37	4 23	14 25	4 17	4 16	12 51	8 59	5 52
F 10	23 0	9 28	0 59	15 46	3 33	24 26	1 8	22 58	0 27	21 8	0 44	0 40	2 34	18 39	0 39	21 44	0 37	4 23	14 25	4 17	4 17	12 54	8 58	5 51
S 11	23 5	3 48	0n 5	16 5	3 26	24 23	1 9	23 4	0 27	21 7	0 44	0 40	2 34	18 39	0 39	21 44	0 37	4 23	14 25	4 18	4 18	12 57	8 57	5 50
S 12	23 9	1n54	1 8	16 26	3 19	24 20	1 11	23 9	0 28	21 6	0 44	0 41	2 34	18 40	0 39	21 44	0 37	4 23	14 25	4 18	4 20	13 0	8 56	5 50
M13	23 13	7 28	2 7	16 48	3 11	24 17	1 13	23 14	0 28	21 5	0 44	0 41	2 34	18 40	0 39	21 43	0 37	4 23	14 24	4 18	4 21	13 3	8 55	5 49
T 14	23 16	12 47	3 1	17 10	3 3	24 12	1 15	23 18	0 29	21 4	0 43	0 41	2 33	18 41	0 39	21 43	0 37	4 23	14 24	4 19	4 22	13 6	8 54	5 48
W15	23 19	17 39	3 46	17 34	2 54	24 7	1 16	23 23	0 29	21 3	0 43	0 42	2 33	18 41	0 39	21 43	0 37	4 23	14 24	4 22	4 23	13 10	8 53	5 48
T 16	23 22	21 52	4 23	17 58	2 45	24 1	1 18	23 27	0 30	21 2	0 43	0 42	2 33	18 41	0 39	21 43	0 37	4 23	14 23	4 25	4 25	13 13	8 52	5 47
F 17	23 24	25 14	4 47	18 22	2 35	23 55	1 19	23 31	0 31	21 1	0 43	0 43	2 33	18 42	0 39	21 42	0 37	4 23	14 23	4 29	4 26	13 16	8 50	5 46
S 18	23 26	27 28	4 59	18 47	2 25	23 47	1 21	23 35	0 31	21 0	0 43	0 43	2 32	18 42	0 39	21 42	0 37	4 23	14 23	4 34	4 27	13 19	8 49	5 46
S 19	23 27	28 23	4 57	19 13	2 15	23 39	1 22	23 39	0 32	20 59	0 43	0 44	2 32	18 43	0 39	21 42	0 37	4 23	14 22	4 39	4 28	13 22	8 48	5 45
M20	23 28	27 48	4 40	19 38	2 4	23 31	1 24	23 42	0 32	20 58	0 42	0 44	2 32	18 43	0 39	21 42	0 37	4 23	14 22	4 44	4 30	13 25	8 47	5 44
T 21	23 28	25 42	4 8	20 3	1 53	23 21	1 25	23 45	0 33	20 57	0 42	0 45	2 32	18 44	0 39	21 41	0 37	4 23	14 21	4 48	4 31	13 28	8 45	5 44
W22	23 28	22 13	3 23	20 28	1 41	23 11	1 26	23 48	0 33	20 56	0 42	0 46	2 31	18 44	0 39	21 41	0 37	4 23	14 21	4 52	4 32	13 31	8 44	5 43
T 23	23 28	17 31	2 26	20 53	1 29	23 1	1 28	23 51	0 34	20 55	0 42	0 46	2 31	18 45	0 39	21 41	0 37	4 23	14 21	4 54	4 33	13 34	8 43	5 43
F 24	23 27	11 54	1 20	21 17	1 18	22 50	1 29	23 54	0 34	20 54	0 42	0 47	2 31	18 45	0 39	21 41	0 37	4 23	14 20	4 55	4 35	13 37	8 41	5 42
S 25	23 26	5 39	0 8	21 40	1 6	22 38	1 30	23 56	0 35	20 54	0 42	0 48	2 31	18 45	0 39	21 40	0 37	4 23	14 20	4 55	4 36	13 40	8 40	5 41
S 26	23 25	0s58	1s 5	22 2	0 54	22 25	1 31	23 58	0 35	20 53	0 41	0 49	2 30	18 46	0 39	21 40	0 37	4 24	14 20	4 55	4 37	13 43	8 38	5 41
M27	23 23	7 36	2 15	22 23	0 42	22 12	1 32	24 0	0 36	20 52	0 41	0 50	2 30	18 46	0 39	21 40	0 37	4 24	14 19	4 55	4 38	13 46	8 37	5 40
T 28	23 20	13 57	3 18	22 43	0 30	21 58	1 33	24 2	0 37	20 51	0 41	0 50	2 30	18 47	0 39	21 39	0 37	4 24	14 19	4 56	4 40	13 50	8 35	5 40
W29	23 17	19 36	4 9	23 1	0 18	21 43	1 34	24 4	0 37	20 50	0 41	0 51	2 30	18 48	0 39	21 39	0 37	4 24	14 18	4 57	4 41	13 53	8 34	5 39
T 30	23n14	24s 9	4s44	23n18	0s 6	21n28	1n34	24n 5	0n38	20s50	0n41	0s52	2n29	18s48	0s39	21n39	0s37	4s24	14n18	5s 0	4s42	13n56	8n32	5s39

Julian Day Number = 2358924.5, Delta T = 14.98 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'00, Lahiri = 20°19'01Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

JULY 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 32	8♋52'05	11♐39	27♊36	2♌21	28♊26	6°R49	8♎ 0	8°R27	18♋ 7	21°R46	17°R14	18♓ 4	28♈16	23♌ 7	F 1
S 2	18 39 28	9°49'15	26° 2	29°39	3°34	29° 6	6♐44	8° 2	8♒25	18° 9	21♏45	17♓ 4	18° 1	28°23	23°14	S 2
S 3	18 43 25	10°46'25	10♑14	1♋43	4°47	29°47	6°38	8° 4	8°23	18°11	21°44	16°54	17°58	28°29	23°21	S 3
M 4	18 47 21	11°43'35	24° 7	3°49	6° 0	0♋27	6°33	8° 6	8°21	18°13	21°43	16°44	17°55	28°36	23°28	M 4
T 5	18 51 18	12°40'46	7♒39	5°57	7°13	1° 7	6°28	8° 9	8°19	18°15	21°43	16°37	17°52	28°43	23°35	T 5
W 6	18 55 14	13°37'56	20°48	8° 5	8°25	1°47	6°24	8°11	8°17	18°18	21°42	16°32	17°49	28°49	23°42	W 6
T 7	18 59 11	14°35'07	3♓35	10°14	9°38	2°27	6°19	8°14	8°15	18°20	21°41	16°29	17°45	28°56	23°49	T 7
F 8	19 3 8	15°32'19	16° 1	12°23	10°51	3° 7	6°14	8°16	8°13	18°22	21°40	16°D28	17°42	29° 3	23°56	F 8
S 9	19 7 4	16°29'30	28°11	14°33	12° 4	3°48	6°10	8°19	8°11	18°24	21°39	16°28	17°39	29° 9	24° 3	S 9
S 10	19 11 1	17°26'43	10♈ 9	16°42	13°16	4°28	6° 6	8°22	8° 9	18°27	21°39	16°29	17°36	29°16	24°10	S 10
M11	19 14 57	18°23'55	22° 0	18°51	14°29	5° 8	6° 2	8°25	8° 6	18°29	21°38	16°R29	17°33	29°23	24°17	M11
T 12	19 18 54	19°21'09	3♉51	20°59	15°42	5°47	5°58	8°28	8° 4	18°31	21°37	16°28	17°30	29°29	24°25	T 12
W13	19 22 50	20°18'23	15°45	23° 6	16°54	6°27	5°54	8°31	8° 2	18°33	21°37	16°25	17°26	29°36	24°32	W13
T 14	19 26 47	21°15'38	27°47	25°13	18° 7	7° 7	5°51	8°34	8° 0	18°35	21°36	16°20	17°23	29°43	24°40	T 14
F 15	19 30 43	22°12'53	10♊ 1	27°18	19°20	7°47	5°47	8°38	7°57	18°38	21°35	16°12	17°20	29°50	24°47	F 15
S 16	19 34 40	23°10'09	22°31	29°21	20°32	8°27	5°44	8°41	7°55	18°40	21°35	16° 4	17°17	29°56	24°54	S 16
S 17	19 38 37	24° 7'26	5♋16	1♌24	21°45	9° 7	5°41	8°44	7°53	18°42	21°34	15°55	17°14	0♉ 3	25° 2	S 17
M18	19 42 33	25° 4'44	18°18	3°24	22°57	9°46	5°38	8°48	7°51	18°44	21°34	15°46	17°10	0°10	25°10	M18
T 19	19 46 30	26° 2'02	1♌36	5°24	24°10	10°26	5°36	8°52	7°48	18°47	21°33	15°38	17° 7	0°16	25°17	T 19
W20	19 50 26	26°59'20	15° 8	7°21	25°22	11° 6	5°33	8°55	7°46	18°49	21°33	15°33	17° 4	0°23	25°25	W20
T 21	19 54 23	27°56'39	28°52	9°17	26°35	11°45	5°31	8°59	7°44	18°51	21°32	15°30	17° 1	0°30	25°33	T 21
F 22	19 58 19	28°53'58	12♍45	11°11	27°47	12°25	5°29	9° 3	7°41	18°53	21°32	15°D28	16°58	0°36	25°40	F 22
S 23	20 2 16	29°51'18	26°45	13° 4	29° 0	13° 4	5°27	9° 7	7°39	18°55	21°32	15°29	16°55	0°43	25°48	S 23
S 24	20 6 12	0♌48'39	10♎51	14°55	0♍12	13°44	5°25	9°11	7°36	18°58	21°31	15°30	16°51	0°50	25°56	S 24
M25	20 10 9	1°45'59	25° 0	16°44	1°24	14°23	5°23	9°15	7°34	19° 0	21°31	15°R31	16°48	0°56	26° 4	M25
T 26	20 14 6	2°43'21	9♏11	18°31	2°37	15° 2	5°22	9°19	7°32	19° 2	21°31	15°31	16°45	1° 3	26°12	T 26
W27	20 18 2	3°40'42	23°22	20°17	3°49	15°42	5°21	9°24	7°29	19° 4	21°31	15°29	16°42	1°10	26°20	W27
T 28	20 21 59	4°38'05	7♐32	22° 1	5° 1	16°21	5°20	9°28	7°27	19° 6	21°30	15°26	16°39	1°16	26°27	T 28
F 29	20 25 55	5°35'28	21°36	23°44	6°13	17° 0	5°19	9°32	7°25	19° 8	21°30	15°21	16°36	1°23	26°35	F 29
S 30	20 29 52	6°32'52	5♑33	25°24	7°25	17°40	5°18	9°37	7°22	19°11	21°30	15°15	16°32	1°30	26°43	S 30
S 31	20 33 48	7♌30'16	19♑18	27♌ 3	8♍38	18♋19	5♐18	9♎42	7♒20	19♋13	21♏30	15♓ 9	16♓29	1♉36	26♌51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n11	27s11	5s 1	23n32	0n 5	21n12	1n35	24n 6	0n38	20s49	0n40	0s53	2n29	18s49	0s39	21n39	0s37	4s24	14n17	5s 3	4s43	13n59	8n30	5s38
S 2	23 7	28 24	4 59	23 45	0 16	20 56	1 36	24 7	0 39	20 48	0 40	0 54	2 29	18 49	0 39	21 38	0 37	4 25	14 17	5 7	4 45	14 2	8 29	5 37
S 3	23 2	27 42	4 38	23 55	0 27	20 39	1 36	24 8	0 39	20 48	0 40	0 56	2 29	18 50	0 39	21 38	0 37	4 25	14 17	5 11	4 46	14 5	8 27	5 37
M 4	22 57	25 16	4 1	24 2	0 37	20 22	1 37	24 8	0 40	20 47	0 40	0 57	2 28	18 50	0 39	21 38	0 37	4 25	14 16	5 15	4 47	14 8	8 25	5 36
T 5	22 52	21 28	3 11	24 7	0 47	20 4	1 37	24 8	0 40	20 46	0 40	0 58	2 28	18 51	0 39	21 37	0 37	4 25	14 16	5 17	4 48	14 11	8 23	5 36
W 6	22 47	16 40	2 12	24 9	0 56	19 45	1 37	24 8	0 41	20 46	0 39	0 59	2 28	18 51	0 39	21 37	0 37	4 25	14 15	5 20	4 49	14 14	8 22	5 35
T 7	22 41	11 16	1 8	24 9	1 4	19 26	1 38	24 8	0 41	20 45	0 39	1 0	2 28	18 52	0 40	21 37	0 37	4 26	14 15	5 21	4 51	14 17	8 20	5 35
F 8	22 34	5 34	0 2	24 5	1 12	19 6	1 38	24 8	0 42	20 44	0 39	1 2	2 28	18 52	0 40	21 37	0 37	4 26	14 14	5 21	4 52	14 20	8 18	5 34
S 9	22 27	0n14	1n 2	23 59	1 19	18 46	1 38	24 7	0 42	20 44	0 39	1 3	2 27	18 53	0 40	21 36	0 36	4 26	14 14	5 21	4 53	14 23	8 16	5 34
S 10	22 20	5 55	2 3	23 50	1 25	18 26	1 38	24 7	0 43	20 43	0 39	1 4	2 27	18 54	0 40	21 36	0 36	4 26	14 13	5 20	4 54	14 26	8 14	5 33
M11	22 13	11 20	2 58	23 39	1 31	18 4	1 38	24 6	0 43	20 43	0 38	1 6	2 27	18 54	0 40	21 36	0 36	4 27	14 13	5 20	4 56	14 29	8 12	5 33
T 12	22 5	16 21	3 46	23 24	1 36	17 43	1 38	24 5	0 44	20 42	0 38	1 7	2 27	18 55	0 40	21 35	0 36	4 27	14 12	5 21	4 57	14 32	8 10	5 32
W13	21 56	20 47	4 24	23 8	1 40	17 21	1 38	24 3	0 44	20 42	0 38	1 8	2 26	18 55	0 40	21 35	0 36	4 27	14 12	5 22	4 58	14 35	8 9	5 32
T 14	21 48	24 24	4 50	22 49	1 43	16 58	1 38	24 2	0 45	20 42	0 38	1 10	2 26	18 56	0 40	21 35	0 36	4 28	14 11	5 24	4 59	14 38	8 7	5 31
F 15	21 38	27 0	5 4	22 27	1 45	16 35	1 37	24 0	0 45	20 41	0 38	1 11	2 26	18 57	0 40	21 35	0 36	4 28	14 11	5 27	5 1	14 41	8 5	5 31
S 16	21 29	28 19	5 4	22 4	1 47	16 12	1 37	23 58	0 46	20 41	0 37	1 13	2 26	18 57	0 40	21 34	0 36	4 28	14 10	5 30	5 2	14 44	8 3	5 31
S 17	21 19	28 11	4 49	21 38	1 48	15 48	1 36	23 56	0 46	20 40	0 37	1 15	2 25	18 58	0 40	21 34	0 36	4 29	14 10	5 34	5 3	14 47	8 0	5 30
M18	21 9	26 29	4 18	21 11	1 49	15 24	1 36	23 53	0 47	20 40	0 37	1 16	2 25	18 58	0 40	21 34	0 36	4 29	14 9	5 37	5 4	14 50	7 58	5 30
T 19	20 58	23 18	3 34	20 42	1 48	14 59	1 35	23 51	0 47	20 40	0 37	1 18	2 25	18 59	0 40	21 33	0 36	4 29	14 9	5 40	5 6	14 53	7 56	5 29
W20	20 47	18 48	2 36	20 11	1 47	14 34	1 34	23 48	0 48	20 40	0 37	1 19	2 25	19 0	0 40	21 33	0 36	4 30	14 8	5 42	5 7	14 56	7 54	5 29
T 21	20 36	13 16	1 28	19 39	1 46	14 8	1 34	23 45	0 48	20 40	0 36	1 21	2 25	19 0	0 40	21 33	0 36	4 30	14 8	5 44	5 8	14 59	7 52	5 28
F 22	20 25	7 1	0 15	19 6	1 44	13 43	1 33	23 42	0 49	20 39	0 36	1 23	2 24	19 1	0 40	21 32	0 36	4 31	14 7	5 44	5 9	15 2	7 50	5 28
S 23	20 13	0 22	1s 1	18 32	1 41	13 17	1 32	23 39	0 49	20 39	0 36	1 25	2 24	19 2	0 40	21 32	0 36	4 31	14 7	5 44	5 11	15 5	7 48	5 28
S 24	20 0	6s20	2 13	17 56	1 38	12 50	1 31	23 35	0 50	20 39	0 36	1 26	2 24	19 2	0 40	21 32	0 36	4 31	14 6	5 43	5 12	15 8	7 45	5 27
M25	19 48	12 45	3 17	17 20	1 34	12 23	1 30	23 32	0 50	20 39	0 35	1 28	2 24	19 3	0 40	21 32	0 36	4 32	14 6	5 43	5 13	15 11	7 43	5 27
T 26	19 35	18 31	4 10	16 43	1 30	11 56	1 29	23 28	0 50	20 39	0 35	1 30	2 24	19 3	0 40	21 31	0 36	4 32	14 5	5 43	5 14	15 14	7 41	5 26
W27	19 22	23 16	4 47	16 5	1 25	11 29	1 27	23 24	0 51	20 39	0 35	1 32	2 23	19 4	0 40	21 31	0 36	4 33	14 5	5 44	5 16	15 17	7 39	5 26
T 28	19 8	26 38	5 7	15 27	1 20	11 1	1 26	23 19	0 51	20 39	0 35	1 34	2 23	19 5	0 40	21 31	0 36	4 33	14 4	5 45	5 17	15 19	7 36	5 26
F 29	18 54	28 20	5 8	14 48	1 14	10 33	1 25	23 15	0 52	20 39	0 35	1 36	2 23	19 5	0 40	21 30	0 36	4 34	14 4	5 47	5 18	15 22	7 34	5 25
S 30	18 40	28 12	4 51	14 8	1 8	10 5	1 23	23 10	0 52	20 39	0 34	1 38	2 23	19 6	0 40	21 30	0 36	4 34	14 3	5 49	5 19	15 25	7 32	5 25
S 31	18n25	26s19	4s17	13n29	1n 2	9n36	1n22	23n 6	0n53	20s39	0n34	1s40	2n23	19s 6	0s40	21n30	0s36	4s35	14n 3	5s51	5s20	15n28	7n29	5s25

Julian Day Number = 2358954.5, Delta T = 15.00 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'04, Lahiri = 20°19'05Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

AUGUST 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 45	8♌27'42	2♒48	28♌41	9♍50	18♋58	5°R17	9♎46	7°R17	19♋15	21°R30	15°R 4	16♓26	1♉43	27♌ 0	M 1
T 2	20 41 42	9°25'08	16° 2	0♍17	11° 2	19°37	5°D17	9°51	7♒15	19°17	21°D30	15♓ 0	16°23	1°50	27° 8	T 2
W 3	20 45 38	10°22'35	28°57	1°51	12°14	20°16	5♐17	9°56	7°13	19°19	21♏30	14°57	16°20	1°57	27°16	W 3
T 4	20 49 35	11°20'03	11♓35	3°23	13°26	20°55	5°17	10° 1	7°10	19°21	21°30	14°D56	16°16	2° 3	27°24	T 4
F 5	20 53 31	12°17'33	23°57	4°54	14°38	21°34	5°18	10° 5	7° 8	19°23	21°30	14°56	16°13	2°10	27°32	F 5
S 6	20 57 28	13°15'04	6♈ 4	6°23	15°49	22°13	5°19	10°10	7° 5	19°25	21°30	14°57	16°10	2°17	27°40	S 6
S 7	21 1 24	14°12'36	18° 2	7°51	17° 1	22°52	5°19	10°16	7° 3	19°27	21°31	14°59	16° 7	2°23	27°48	S 7
M 8	21 5 21	15°10'09	29°54	9°16	18°13	23°31	5°20	10°21	7° 1	19°30	21°31	15° 0	16° 4	2°30	27°56	M 8
T 9	21 9 17	16° 7'44	11♉46	10°40	19°25	24°10	5°21	10°26	6°58	19°32	21°31	15°R 1	16° 1	2°37	28° 5	T 9
W10	21 13 14	17° 5'20	23°41	12° 3	20°37	24°49	5°23	10°31	6°56	19°34	21°31	15° 1	15°57	2°43	28°13	W10
T 11	21 17 10	18° 2'58	5♊44	13°23	21°48	25°28	5°24	10°36	6°54	19°36	21°32	15° 0	15°54	2°50	28°21	T 11
F 12	21 21 7	19° 0'38	18° 1	14°42	23° 0	26° 6	5°26	10°42	6°51	19°38	21°32	14°58	15°51	2°57	28°29	F 12
S 13	21 25 4	19°58'19	0♋34	15°59	24°12	26°45	5°28	10°47	6°49	19°40	21°32	14°54	15°48	3° 3	28°38	S 13
S 14	21 29 0	20°56'02	13°27	17°14	25°23	27°24	5°30	10°53	6°47	19°42	21°33	14°51	15°45	3°10	28°46	S 14
M15	21 32 57	21°53'46	26°41	18°27	26°35	28° 3	5°32	10°58	6°44	19°44	21°33	14°47	15°42	3°17	28°54	M15
T 16	21 36 53	22°51'31	10♌15	19°37	27°46	28°41	5°35	11° 4	6°42	19°45	21°33	14°44	15°38	3°23	29° 3	T 16
W17	21 40 50	23°49'18	24° 8	20°46	28°58	29°20	5°37	11°10	6°40	19°47	21°34	14°42	15°35	3°30	29°11	W17
T 18	21 44 46	24°47'07	8♍17	21°53	0♎ 9	29°58	5°40	11°16	6°38	19°49	21°35	14°D41	15°32	3°37	29°19	T 18
F 19	21 48 43	25°44'56	22°36	22°57	1°21	0♌37	5°43	11°21	6°35	19°51	21°35	14°41	15°29	3°43	29°28	F 19
S 20	21 52 39	26°42'47	7♎ 2	23°59	2°32	1°15	5°46	11°27	6°33	19°53	21°36	14°42	15°26	3°50	29°36	S 20
S 21	21 56 36	27°40'39	21°29	24°58	3°43	1°54	5°50	11°33	6°31	19°55	21°36	14°43	15°22	3°57	29°45	S 21
M22	22 0 33	28°38'33	5♏53	25°54	4°54	2°32	5°53	11°39	6°29	19°57	21°37	14°44	15°19	4° 4	29°53	M22
T 23	22 4 29	29°36'28	20°11	26°48	6° 6	3°11	5°57	11°45	6°27	19°59	21°38	14°45	15°16	4°10	0♍ 1	T 23
W24	22 8 26	0♍34'24	4♐20	27°38	7°17	3°49	6° 1	11°51	6°25	20° 0	21°38	14°R45	15°13	4°17	0°10	W24
T 25	22 12 22	1°32'21	18°18	28°26	8°28	4°27	6° 5	11°57	6°22	20° 2	21°39	14°45	15°10	4°24	0°18	T 25
F 26	22 16 19	2°30'20	2♑ 4	29°10	9°39	5° 6	6° 9	12° 4	6°20	20° 4	21°40	14°44	15° 7	4°30	0°26	F 26
S 27	22 20 15	3°28'20	15°37	29°50	10°50	5°44	6°13	12°10	6°18	20° 6	21°41	14°42	15° 3	4°37	0°35	S 27
S 28	22 24 12	4°26'22	28°56	0♎26	12° 1	6°22	6°18	12°16	6°16	20° 7	21°42	14°41	15° 0	4°44	0°43	S 28
M29	22 28 8	5°24'24	12♒ 1	0°59	13°12	7° 0	6°22	12°22	6°14	20° 9	21°43	14°40	14°57	4°50	0°52	M29
T 30	22 32 5	6°22'29	24°53	1°27	14°22	7°38	6°27	12°29	6°12	20°11	21°43	14°39	14°54	4°57	1° 0	T 30
W31	22 36 2	7♍20'35	7♓30	1♎50	15♎33	8♌17	6♐32	12♎35	6♒10	20♋12	21♏44	14♓39	14♓51	5♉ 4	1♍ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n10	22s57	3s29	12n49	0n55	9n 8	1n20	23n 1	0n53	20s39	0n34	1s42	2n22	19s 7	0s40	21n29	0s36	4s35	14n 2	5s54	5s22	15n31	7n27	5s24
T 2	17 55	18 27	2 31	12 8	0 48	8 39	1 18	22 55	0 54	20 40	0 34	1 44	2 22	19 8	0 40	21 29	0 36	4 36	14 2	5 55	5 23	15 34	7 24	5 24
W 3	17 40	13 12	1 26	11 28	0 41	8 10	1 16	22 50	0 54	20 40	0 34	1 46	2 22	19 8	0 40	21 29	0 36	4 36	14 1	5 56	5 24	15 37	7 22	5 24
T 4	17 24	7 31	0 18	10 48	0 33	7 40	1 14	22 45	0 55	20 40	0 33	1 48	2 22	19 9	0 40	21 29	0 36	4 37	14 1	5 57	5 25	15 40	7 20	5 23
F 5	17 8	1 39	0n49	10 7	0 25	7 11	1 13	22 39	0 55	20 40	0 33	1 50	2 22	19 10	0 40	21 28	0 36	4 37	14 0	5 57	5 27	15 43	7 17	5 23
S 6	16 52	4n 9	1 53	9 27	0 17	6 41	1 11	22 33	0 56	20 41	0 33	1 52	2 21	19 10	0 40	21 28	0 36	4 38	13 59	5 56	5 28	15 46	7 15	5 23
S 7	16 35	9 43	2 51	8 46	0 9	6 11	1 8	22 27	0 56	20 41	0 33	1 54	2 21	19 11	0 40	21 28	0 36	4 39	13 59	5 55	5 29	15 49	7 12	5 23
M 8	16 19	14 55	3 42	8 6	0s 0	5 41	1 6	22 21	0 56	20 41	0 33	1 56	2 21	19 11	0 40	21 27	0 36	4 39	13 58	5 55	5 30	15 52	7 10	5 22
T 9	16 2	19 33	4 23	7 26	0 9	5 11	1 4	22 15	0 57	20 42	0 32	1 59	2 21	19 12	0 40	21 27	0 36	4 40	13 58	5 55	5 32	15 55	7 7	5 22
W10	15 44	23 26	4 52	6 47	0 18	4 40	1 2	22 8	0 57	20 42	0 32	2 1	2 21	19 13	0 40	21 27	0 36	4 40	13 57	5 55	5 33	15 57	7 4	5 22
T 11	15 27	26 22	5 10	6 7	0 27	4 10	0 59	22 2	0 58	20 43	0 32	2 3	2 21	19 13	0 40	21 27	0 36	4 41	13 57	5 55	5 34	16 0	7 2	5 22
F 12	15 9	28 8	5 13	5 28	0 36	3 39	0 57	21 55	0 58	20 43	0 32	2 5	2 20	19 14	0 40	21 26	0 36	4 41	13 56	5 56	5 35	16 3	6 59	5 21
S 13	14 51	28 31	5 2	4 50	0 46	3 9	0 54	21 48	0 59	20 44	0 31	2 8	2 20	19 14	0 40	21 26	0 36	4 42	13 56	5 57	5 37	16 6	6 57	5 21
S 14	14 32	27 22	4 36	4 12	0 56	2 38	0 52	21 41	0 59	20 44	0 31	2 10	2 20	19 15	0 40	21 26	0 36	4 43	13 55	5 59	5 38	16 9	6 54	5 21
M15	14 14	24 41	3 54	3 35	1 5	2 7	0 49	21 33	1 0	20 45	0 31	2 12	2 20	19 15	0 40	21 25	0 36	4 43	13 55	6 0	5 39	16 12	6 51	5 21
T 16	13 55	20 34	2 58	2 58	1 15	1 36	0 47	21 26	1 0	20 46	0 31	2 15	2 20	19 16	0 40	21 25	0 36	4 44	13 54	6 1	5 40	16 15	6 49	5 20
W17	13 36	15 14	1 51	2 22	1 25	1 5	0 44	21 18	1 0	20 46	0 31	2 17	2 20	19 17	0 40	21 25	0 36	4 45	13 54	6 2	5 41	16 18	6 46	5 20
T 18	13 17	9 1	0 35	1 46	1 35	0 34	0 41	21 11	1 1	20 47	0 30	2 19	2 19	19 17	0 40	21 25	0 36	4 45	13 53	6 2	5 43	16 20	6 43	5 20
F 19	12 57	2 16	0s44	1 12	1 45	0 3	0 38	21 3	1 1	20 48	0 30	2 22	2 19	19 18	0 40	21 24	0 36	4 46	13 52	6 2	5 44	16 23	6 41	5 20
S 20	12 38	4s38	2 0	0 38	1 55	0s28	0 35	20 55	1 2	20 48	0 30	2 24	2 19	19 18	0 40	21 24	0 36	4 47	13 52	6 2	5 45	16 26	6 38	5 20
S 21	12 18	11 19	3 9	0 6	2 5	0 59	0 32	20 47	1 2	20 49	0 30	2 27	2 19	19 19	0 40	21 24	0 36	4 47	13 51	6 2	5 46	16 29	6 35	5 19
M22	11 58	17 22	4 6	0s26	2 15	1 30	0 29	20 38	1 3	20 50	0 30	2 29	2 19	19 19	0 40	21 23	0 36	4 48	13 51	6 1	5 48	16 32	6 33	5 19
T 23	11 38	22 26	4 48	0 56	2 25	2 2	0 26	20 30	1 3	20 51	0 29	2 32	2 19	19 20	0 40	21 23	0 36	4 49	13 50	6 1	5 49	16 35	6 30	5 19
W24	11 17	26 8	5 11	1 25	2 34	2 33	0 23	20 21	1 3	20 52	0 29	2 34	2 19	19 20	0 40	21 23	0 36	4 49	13 50	6 1	5 50	16 38	6 27	5 19
T 25	10 57	28 12	5 16	1 53	2 44	3 4	0 20	20 12	1 4	20 53	0 29	2 37	2 18	19 21	0 40	21 23	0 36	4 50	13 49	6 1	5 51	16 40	6 24	5 19
F 26	10 36	28 29	5 2	2 19	2 54	3 35	0 16	20 4	1 4	20 53	0 29	2 39	2 18	19 21	0 40	21 22	0 36	4 51	13 49	6 1	5 53	16 43	6 22	5 19
S 27	10 15	27 3	4 32	2 44	3 3	4 6	0 13	19 55	1 5	20 54	0 29	2 42	2 18	19 22	0 40	21 22	0 36	4 51	13 48	6 2	5 54	16 46	6 19	5 19
S 28	9 54	24 6	3 47	3 6	3 12	4 36	0 10	19 45	1 5	20 55	0 28	2 44	2 18	19 22	0 40	21 22	0 36	4 52	13 48	6 2	5 55	16 49	6 16	5 18
M29	9 33	19 57	2 51	3 27	3 20	5 7	0 6	19 36	1 5	20 56	0 28	2 47	2 18	19 23	0 40	21 22	0 36	4 53	13 47	6 3	5 56	16 52	6 13	5 18
T 30	9 11	14 56	1 47	3 46	3 29	5 38	0 3	19 27	1 6	20 57	0 28	2 49	2 18	19 23	0 40	21 21	0 36	4 54	13 47	6 3	5 57	16 54	6 10	5 18
W31	8n50	9s23	0s39	4s 2	3s37	6s 9	0s 1	19n17	1n 6	20s58	0n28	2s52	2n18	19s24	0s40	21n21	0s36	4s54	13n46	6s 3	5s59	16n57	6n 7	5s18

Julian Day Number = 2358985.5, Delta T = 15.02 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'08, Lahiri = 20°19'09Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

SEPTEMBER 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 58	8♍18'42	19♓55	2♎ 8	16♎44	8♑55	6♐37	12♎42	6°R 8	20♋14	21♏45	14°D38	14♓48	5♉10	1♍17	T 1
F 2	22 43 55	9°16'52	2♈ 8	2°21	17°54	9°33	6°43	12°48	6♒ 7	20°16	21°46	14♓39	14°44	5°17	1°25	F 2
S 3	22 47 51	10°15'03	14°11	2°28	19° 5	10°11	6°48	12°55	6° 5	20°17	21°48	14°39	14°41	5°24	1°33	S 3
S 4	22 51 48	11°13'16	26° 6	2°R30	20°15	10°49	6°54	13° 1	6° 3	20°19	21°49	14°40	14°38	5°31	1°42	S 4
M 5	22 55 44	12°11'32	7♉58	2°25	21°26	11°27	6°59	13° 8	6° 1	20°20	21°50	14°40	14°35	5°37	1°50	M 5
T 6	22 59 41	13° 9'49	19°48	2°15	22°36	12° 4	7° 5	13°14	5°59	20°22	21°51	14°40	14°32	5°44	1°58	T 6
W 7	23 3 37	14° 8'08	1♊43	1°57	23°46	12°42	7°11	13°21	5°58	20°23	21°52	14°40	14°28	5°51	2° 7	W 7
T 8	23 7 34	15° 6'30	13°45	1°33	24°57	13°20	7°18	13°28	5°56	20°25	21°53	14°40	14°25	5°57	2°15	T 8
F 9	23 11 31	16° 4'53	26° 0	1° 2	26° 7	13°58	7°24	13°35	5°54	20°26	21°54	14°40	14°22	6° 4	2°23	F 9
S 10	23 15 27	17° 3'19	8♋31	0°25	27°17	14°36	7°31	13°41	5°53	20°28	21°56	14°40	14°19	6°11	2°31	S 10
S 11	23 19 24	18° 1'47	21°24	29♍42	28°27	15°14	7°37	13°48	5°51	20°29	21°57	14°41	14°16	6°17	2°40	S 11
M12	23 23 20	19° 0'17	4♌40	28°52	29°37	15°51	7°44	13°55	5°50	20°30	21°58	14°41	14°13	6°24	2°48	M12
T 13	23 27 17	19°58'49	18°21	27°58	0♏47	16°29	7°51	14° 2	5°48	20°32	22° 0	14°41	14° 9	6°31	2°56	T 13
W14	23 31 13	20°57'24	2♍26	26°59	1°57	17° 7	7°58	14° 9	5°47	20°33	22° 1	14°42	14° 6	6°37	3° 4	W14
T 15	23 35 10	21°56'00	16°52	25°57	3° 6	17°44	8° 5	14°16	5°45	20°34	22° 3	14°R42	14° 3	6°44	3°12	T 15
F 16	23 39 6	22°54'38	1♎35	24°54	4°16	18°22	8°13	14°23	5°44	20°36	22° 4	14°42	14° 0	6°51	3°21	F 16
S 17	23 43 3	23°53'18	16°27	23°50	5°26	18°59	8°20	14°30	5°42	20°37	22° 5	14°41	13°57	6°58	3°29	S 17
S 18	23 47 0	24°52'00	1♏20	22°46	6°35	19°37	8°28	14°37	5°41	20°38	22° 7	14°40	13°53	7° 4	3°37	S 18
M19	23 50 56	25°50'43	16° 7	21°46	7°45	20°14	8°36	14°44	5°40	20°39	22° 8	14°39	13°50	7°11	3°45	M19
T 20	23 54 53	26°49'29	0♐41	20°50	8°54	20°52	8°44	14°51	5°39	20°40	22°10	14°37	13°47	7°18	3°53	T 20
W21	23 58 49	27°48'16	14°58	19°59	10° 3	21°29	8°52	14°58	5°37	20°41	22°12	14°37	13°44	7°24	4° 1	W21
T 22	0 2 46	28°47'05	28°56	19°16	11°12	22° 7	9° 0	15° 5	5°36	20°42	22°13	14°D36	13°41	7°31	4° 9	T 22
F 23	0 6 42	29°45'56	12♑33	18°41	12°21	22°44	9° 8	15°12	5°35	20°43	22°15	14°37	13°38	7°38	4°17	F 23
S 24	0 10 39	0♎44'48	25°52	18°15	13°30	23°21	9°17	15°20	5°34	20°44	22°17	14°38	13°34	7°44	4°25	S 24
S 25	0 14 35	1°43'42	8♒52	17°58	14°39	23°58	9°25	15°27	5°33	20°45	22°18	14°39	13°31	7°51	4°33	S 25
M26	0 18 32	2°42'38	21°37	17°D52	15°48	24°36	9°34	15°34	5°32	20°46	22°20	14°40	13°28	7°58	4°40	M26
T 27	0 22 29	3°41'36	4♓ 8	17°56	16°57	25°13	9°43	15°41	5°31	20°47	22°22	14°41	13°25	8° 5	4°48	T 27
W28	0 26 25	4°40'35	16°28	18°11	18° 5	25°50	9°52	15°48	5°30	20°48	22°23	14°R42	13°22	8°11	4°56	W28
T 29	0 30 22	5°39'37	28°39	18°35	19°14	26°27	10° 1	15°56	5°29	20°49	22°25	14°41	13°19	8°18	5° 4	T 29
F 30	0 34 18	6♎38'40	10♈42	19♍ 9	20♏22	27♌ 4	10♐10	16♎ 3	5♒29	20♋50	22♏27	14♓39	13♓15	8♉25	5♍11	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n28	3s33	0n29	4s16	3s44	6s39	0s 4	19n 8	1n 7	21s 0	0n28	2s55	2n18	19s24	0s40	21n21	0s36	4s55	13n46	6s 3	6s 0	17n 0	6n 5	5s18
F 2	8 6	2n18	1 35	4 28	3 51	7 9	0 8	18 58	1 7	21 1	0 28	2 57	2 17	19 25	0 40	21 21	0 36	4 56	13 45	6 3	6 1	17 3	6 2	5 18
S 3	7 44	8 0	2 37	4 36	3 57	7 40	0 11	18 48	1 7	21 2	0 27	3 0	2 17	19 25	0 40	21 20	0 36	4 56	13 45	6 3	6 2	17 6	5 59	5 18
S 4	7 22	13 21	3 30	4 42	4 2	8 10	0 15	18 38	1 8	21 3	0 27	3 2	2 17	19 26	0 40	21 20	0 36	4 57	13 44	6 3	6 4	17 8	5 56	5 18
M 5	7 0	18 12	4 15	4 44	4 6	8 40	0 19	18 28	1 8	21 4	0 27	3 5	2 17	19 26	0 40	21 20	0 36	4 58	13 44	6 3	6 5	17 11	5 53	5 18
T 6	6 38	22 20	4 48	4 42	4 9	9 9	0 23	18 18	1 9	21 5	0 27	3 8	2 17	19 27	0 40	21 20	0 36	4 59	13 43	6 3	6 6	17 14	5 50	5 18
W 7	6 15	25 35	5 9	4 37	4 11	9 39	0 26	18 7	1 9	21 6	0 27	3 10	2 17	19 27	0 40	21 20	0 36	4 59	13 43	6 3	6 7	17 17	5 47	5 18
T 8	5 53	27 44	5 17	4 28	4 12	10 8	0 30	17 57	1 9	21 8	0 26	3 13	2 17	19 27	0 40	21 19	0 36	5 0	13 42	6 3	6 8	17 20	5 45	5 18
F 9	5 30	28 36	5 11	4 15	4 11	10 37	0 34	17 46	1 10	21 9	0 26	3 16	2 17	19 28	0 40	21 19	0 36	5 1	13 42	6 3	6 10	17 22	5 42	5 18
S 10	5 7	28 2	4 50	3 58	4 9	11 6	0 38	17 36	1 10	21 10	0 26	3 19	2 17	19 28	0 40	21 19	0 36	5 2	13 41	6 3	6 11	17 25	5 39	5 18
S 11	4 44	25 57	4 15	3 37	4 5	11 35	0 42	17 25	1 11	21 11	0 26	3 21	2 17	19 28	0 39	21 19	0 36	5 3	13 41	6 3	6 12	17 28	5 36	5 18
M12	4 21	22 26	3 24	3 12	3 59	12 4	0 45	17 14	1 11	21 13	0 26	3 24	2 17	19 29	0 39	21 18	0 36	5 3	13 40	6 2	6 13	17 31	5 33	5 18
T 13	3 58	17 35	2 21	2 43	3 51	12 32	0 49	17 3	1 11	21 14	0 26	3 27	2 16	19 29	0 39	21 18	0 36	5 4	13 40	6 2	6 15	17 33	5 30	5 18
W14	3 35	11 40	1 8	2 11	3 41	13 0	0 53	16 52	1 12	21 15	0 25	3 30	2 16	19 30	0 39	21 18	0 36	5 5	13 39	6 2	6 16	17 36	5 27	5 18
T 15	3 12	5 0	0s12	1 36	3 30	13 28	0 57	16 41	1 12	21 16	0 25	3 32	2 16	19 30	0 39	21 18	0 36	5 6	13 39	6 2	6 17	17 39	5 24	5 18
F 16	2 49	2s 2	1 32	0 58	3 16	13 55	1 1	16 30	1 13	21 18	0 25	3 35	2 16	19 30	0 39	21 18	0 36	5 7	13 38	6 2	6 18	17 42	5 21	5 18
S 17	2 26	9 3	2 47	0 19	3 1	14 22	1 5	16 18	1 13	21 19	0 25	3 38	2 16	19 31	0 39	21 17	0 36	5 7	13 38	6 2	6 20	17 44	5 18	5 18
S 18	2 3	15 33	3 50	0n22	2 44	14 49	1 9	16 7	1 13	21 21	0 25	3 41	2 16	19 31	0 39	21 17	0 36	5 8	13 37	6 3	6 21	17 47	5 16	5 18
M19	1 39	21 7	4 38	1 2	2 26	15 16	1 13	15 55	1 14	21 22	0 25	3 43	2 16	19 31	0 39	21 17	0 36	5 9	13 37	6 3	6 22	17 50	5 13	5 18
T 20	1 16	25 20	5 7	1 42	2 7	15 42	1 17	15 44	1 14	21 23	0 24	3 46	2 16	19 31	0 39	21 17	0 36	5 10	13 37	6 4	6 23	17 53	5 10	5 18
W21	0 52	27 52	5 16	2 20	1 47	16 8	1 21	15 32	1 14	21 25	0 24	3 49	2 16	19 32	0 39	21 17	0 36	5 11	13 36	6 4	6 24	17 55	5 7	5 18
T 22	0 29	28 35	5 7	2 55	1 27	16 33	1 25	15 20	1 15	21 26	0 24	3 52	2 16	19 32	0 39	21 17	0 36	5 11	13 36	6 4	6 26	17 58	5 4	5 18
F 23	0 6	27 31	4 40	3 28	1 7	16 58	1 29	15 9	1 15	21 28	0 24	3 55	2 16	19 32	0 39	21 16	0 37	5 12	13 35	6 4	6 27	18 1	5 1	5 18
S 24	0s18	24 54	3 58	3 56	0 47	17 23	1 32	14 57	1 16	21 29	0 24	3 57	2 16	19 32	0 39	21 16	0 37	5 13	13 35	6 4	6 28	18 3	4 58	5 18
S 25	0 41	21 3	3 5	4 20	0 28	17 48	1 36	14 45	1 16	21 31	0 24	4 0	2 16	19 33	0 39	21 16	0 37	5 14	13 34	6 3	6 29	18 6	4 55	5 18
M26	1 5	16 17	2 4	4 40	0 9	18 12	1 40	14 32	1 16	21 32	0 23	4 3	2 16	19 33	0 39	21 16	0 37	5 15	13 34	6 3	6 31	18 9	4 52	5 18
T 27	1 28	10 54	0 58	4 54	0n 9	18 35	1 44	14 20	1 17	21 33	0 23	4 6	2 16	19 33	0 39	21 16	0 37	5 15	13 34	6 2	6 32	18 11	4 49	5 18
W28	1 52	5 12	0n10	5 4	0 25	18 58	1 48	14 8	1 17	21 35	0 23	4 9	2 16	19 33	0 39	21 16	0 37	5 16	13 33	6 2	6 33	18 14	4 46	5 18
T 29	2 15	0n38	1 16	5 8	0 40	19 21	1 52	13 56	1 17	21 36	0 23	4 11	2 16	19 33	0 39	21 15	0 37	5 17	13 33	6 2	6 34	18 17	4 43	5 19
F 30	2s39	6n22	2n18	5n 7	0n54	19s43	1s56	13n43	1n18	21s38	0n23	4s14	2n16	19s34	0s39	21n15	0s37	5s18	13n32	6s 3	6s35	18n20	4n41	5s19

Julian Day Number = 2359016.5, Delta T = 15.05 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'13, Lahiri = 20°19'13Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

OCTOBER 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 15	7♎37'46	22♈39	19♍52	21♏30	27♌41	10♐19	16♎10	5°R28	20♋51	22♏29	14°R36	13♓12	8♉31	5♍19	S 1
S 2	0 42 11	8°36'53	4♉31	20°44	22°38	28°18	10°29	16°17	5♒27	20°51	22°31	14♓32	13° 9	8°38	5°27	S 2
M 3	0 46 8	9°36'03	16°22	21°43	23°46	28°55	10°38	16°25	5°27	20°52	22°33	14°28	13° 6	8°45	5°34	M 3
T 4	0 50 4	10°35'15	28°13	22°49	24°54	29°32	10°48	16°32	5°26	20°53	22°34	14°24	13° 3	8°51	5°42	T 4
W 5	0 54 1	11°34'30	10♊ 7	24° 1	26° 2	0♍ 9	10°58	16°39	5°26	20°54	22°36	14°20	12°59	8°58	5°49	W 5
T 6	0 57 58	12°33'47	22° 9	25°19	27°10	0°46	11° 7	16°47	5°25	20°54	22°38	14°17	12°56	9° 5	5°57	T 6
F 7	1 1 54	13°33'06	4♋21	26°41	28°17	1°23	11°17	16°54	5°25	20°55	22°40	14°15	12°53	9°11	6° 4	F 7
S 8	1 5 51	14°32'27	16°48	28° 8	29°24	2° 0	11°27	17° 1	5°24	20°55	22°42	14°D15	12°50	9°18	6°12	S 8
S 9	1 9 47	15°31'51	29°34	29°37	0♐32	2°36	11°38	17° 9	5°24	20°56	22°44	14°15	12°47	9°25	6°19	S 9
M10	1 13 44	16°31'17	12♌44	1♎10	1°39	3°13	11°48	17°16	5°24	20°56	22°46	14°17	12°44	9°32	6°26	M10
T 11	1 17 40	17°30'45	26°21	2°46	2°46	3°50	11°58	17°23	5°23	20°57	22°48	14°18	12°40	9°38	6°33	T 11
W12	1 21 37	18°30'16	10♍25	4°23	3°52	4°26	12° 9	17°31	5°23	20°57	22°50	14°R19	12°37	9°45	6°40	W12
T 13	1 25 33	19°29'49	24°55	6° 1	4°59	5° 3	12°19	17°38	5°23	20°58	22°52	14°19	12°34	9°52	6°48	T 13
F 14	1 29 30	20°29'24	9♎48	7°41	6° 5	5°39	12°30	17°45	5°23	20°58	22°54	14°17	12°31	9°58	6°55	F 14
S 15	1 33 26	21°29'01	24°56	9°22	7°12	6°16	12°41	17°53	5°D23	20°58	22°57	14°13	12°28	10° 5	7° 2	S 15
S 16	1 37 23	22°28'40	10♏10	11° 3	8°18	6°52	12°51	18° 0	5°23	20°59	22°59	14° 8	12°25	10°12	7° 8	S 16
M17	1 41 20	23°28'21	25°19	12°45	9°24	7°29	13° 2	18° 7	5°23	20°59	23° 1	14° 2	12°21	10°19	7°15	M17
T 18	1 45 16	24°28'04	10♐14	14°27	10°30	8° 5	13°13	18°15	5°23	20°59	23° 3	13°56	12°18	10°25	7°22	T 18
W19	1 49 13	25°27'49	24°47	16° 9	11°35	8°42	13°24	18°22	5°23	20°59	23° 5	13°51	12°15	10°32	7°29	W19
T 20	1 53 9	26°27'36	8♑54	17°51	12°40	9°18	13°36	18°29	5°23	21° 0	23° 7	13°48	12°12	10°39	7°36	T 20
F 21	1 57 6	27°27'24	22°34	19°33	13°46	9°54	13°47	18°36	5°24	21° 0	23°10	13°D47	12° 9	10°45	7°42	F 21
S 22	2 1 2	28°27'14	5♒48	21°15	14°51	10°30	13°58	18°44	5°24	21° 0	23°12	13°47	12° 5	10°52	7°49	S 22
S 23	2 4 59	29°27'05	18°40	22°56	15°55	11° 7	14°10	18°51	5°24	21° 0	23°14	13°48	12° 2	10°59	7°55	S 23
M24	2 8 56	0♏26'58	1♓13	24°37	17° 0	11°43	14°21	18°58	5°25	21°R 0	23°16	13°49	11°59	11° 5	8° 2	M24
T 25	2 12 52	1°26'53	13°31	26°18	18° 4	12°19	14°33	19° 5	5°25	21° 0	23°19	13°R50	11°56	11°12	8° 8	T 25
W26	2 16 49	2°26'50	25°38	27°58	19° 8	12°55	14°44	19°13	5°26	21° 0	23°21	13°49	11°53	11°19	8°14	W26
T 27	2 20 45	3°26'48	7♈38	29°38	20°12	13°31	14°56	19°20	5°26	21° 0	23°23	13°46	11°50	11°26	8°20	T 27
F 28	2 24 42	4°26'48	19°33	1♏18	21°15	14° 7	15° 8	19°27	5°27	21° 0	23°25	13°41	11°46	11°32	8°27	F 28
S 29	2 28 38	5°26'50	1♉25	2°57	22°19	14°43	15°20	19°34	5°28	21° 0	23°28	13°33	11°43	11°39	8°33	S 29
S 30	2 32 35	6°26'54	13°16	4°35	23°22	15°19	15°32	19°41	5°28	20°59	23°30	13°23	11°40	11°46	8°39	S 30
M31	2 36 31	7♏26'59	25♉ 8	6♏14	24♐24	15♍54	15♐44	19♎48	5♒29	20♋59	23♏32	13♓13	11♓37	11♉52	8♍44	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 2	11n49	3n14	5n 2	1n 6	20s 5	1s59	13n31	1n18	21s39	0n23	4s17	2n16	19s34	0s39	21n15	0s37	5s19	13n32	6s 4	6s37	18n22	4n38	5s19
S 2	3 25	16 49	4 0	4 52	1 17	20 27	2 3	13 18	1 18	21 41	0 22	4 20	2 16	19 34	0 39	21 15	0 37	5 19	13 32	6 6	6 38	18 25	4 35	5 19
M 3	3 49	21 10	4 37	4 37	1 27	20 47	2 7	13 6	1 19	21 42	0 22	4 23	2 16	19 34	0 39	21 15	0 37	5 20	13 31	6 7	6 39	18 28	4 32	5 19
T 4	4 12	24 40	5 1	4 19	1 35	21 8	2 10	12 53	1 19	21 44	0 22	4 25	2 16	19 34	0 39	21 15	0 37	5 21	13 31	6 9	6 40	18 30	4 29	5 19
W 5	4 35	27 9	5 12	3 56	1 42	21 28	2 14	12 41	1 20	21 45	0 22	4 28	2 16	19 34	0 39	21 15	0 37	5 22	13 30	6 11	6 41	18 33	4 26	5 19
T 6	4 58	28 24	5 10	3 31	1 48	21 47	2 18	12 28	1 20	21 47	0 22	4 31	2 16	19 34	0 39	21 15	0 37	5 23	13 30	6 12	6 43	18 35	4 23	5 20
F 7	5 21	28 18	4 54	3 2	1 52	22 6	2 21	12 15	1 20	21 48	0 22	4 34	2 16	19 34	0 39	21 15	0 37	5 23	13 30	6 12	6 44	18 38	4 21	5 20
S 8	5 44	26 47	4 24	2 30	1 55	22 24	2 25	12 2	1 21	21 50	0 22	4 37	2 16	19 34	0 39	21 14	0 37	5 24	13 29	6 13	6 45	18 41	4 18	5 20
S 9	6 7	23 52	3 40	1 57	1 57	22 42	2 28	11 49	1 21	21 52	0 21	4 39	2 16	19 35	0 39	21 14	0 37	5 25	13 29	6 12	6 46	18 43	4 15	5 20
M10	6 30	19 38	2 44	1 21	1 59	23 0	2 32	11 36	1 21	21 53	0 21	4 42	2 16	19 35	0 39	21 14	0 37	5 26	13 29	6 12	6 48	18 46	4 12	5 20
T 11	6 53	14 16	1 37	0 43	1 59	23 16	2 35	11 23	1 22	21 55	0 21	4 45	2 16	19 35	0 39	21 14	0 37	5 27	13 28	6 11	6 49	18 49	4 9	5 20
W12	7 16	8 0	0 21	0 4	1 59	23 33	2 38	11 10	1 22	21 56	0 21	4 48	2 16	19 35	0 39	21 14	0 37	5 27	13 28	6 11	6 50	18 51	4 6	5 21
T 13	7 38	1 9	0s57	0s36	1 57	23 48	2 41	10 57	1 22	21 58	0 21	4 51	2 16	19 35	0 39	21 14	0 37	5 28	13 28	6 11	6 51	18 54	4 4	5 21
F 14	8 1	5s57	2 14	1 17	1 56	24 3	2 45	10 44	1 23	21 59	0 21	4 53	2 16	19 35	0 39	21 14	0 37	5 29	13 27	6 12	6 52	18 56	4 1	5 21
S 15	8 23	12 49	3 23	1 59	1 53	24 18	2 48	10 31	1 23	22 1	0 21	4 56	2 16	19 35	0 39	21 14	0 37	5 30	13 27	6 13	6 54	18 59	3 58	5 21
S 16	8 46	18 57	4 17	2 42	1 50	24 32	2 51	10 17	1 23	22 2	0 20	4 59	2 16	19 35	0 39	21 14	0 37	5 31	13 27	6 15	6 55	19 2	3 55	5 22
M17	9 8	23 52	4 54	3 25	1 46	24 45	2 54	10 4	1 24	22 4	0 20	5 2	2 16	19 35	0 39	21 14	0 37	5 31	13 27	6 17	6 56	19 4	3 53	5 22
T 18	9 30	27 7	5 9	4 8	1 42	24 58	2 56	9 51	1 24	22 5	0 20	5 4	2 16	19 35	0 39	21 14	0 37	5 32	13 26	6 20	6 57	19 7	3 50	5 22
W19	9 52	28 26	5 4	4 51	1 38	25 10	2 59	9 38	1 24	22 7	0 20	5 7	2 16	19 34	0 39	21 14	0 37	5 33	13 26	6 22	6 59	19 9	3 47	5 22
T 20	10 13	27 51	4 41	5 35	1 33	25 21	3 2	9 24	1 25	22 8	0 20	5 10	2 16	19 34	0 39	21 14	0 37	5 34	13 26	6 23	7 0	19 12	3 44	5 23
F 21	10 35	25 33	4 2	6 18	1 28	25 32	3 4	9 11	1 25	22 10	0 20	5 13	2 16	19 34	0 39	21 14	0 37	5 34	13 26	6 23	7 1	19 15	3 42	5 23
S 22	10 56	21 56	3 11	7 1	1 23	25 42	3 7	8 57	1 25	22 11	0 20	5 15	2 16	19 34	0 38	21 14	0 37	5 35	13 25	6 23	7 2	19 17	3 39	5 23
S 23	11 18	17 21	2 12	7 44	1 17	25 52	3 9	8 44	1 26	22 13	0 19	5 18	2 16	19 34	0 38	21 14	0 37	5 36	13 25	6 23	7 3	19 20	3 37	5 23
M24	11 39	12 7	1 8	8 27	1 11	26 1	3 12	8 30	1 26	22 14	0 19	5 21	2 16	19 34	0 38	21 14	0 37	5 37	13 25	6 22	7 5	19 22	3 34	5 24
T 25	12 0	6 31	0 2	9 9	1 5	26 9	3 14	8 17	1 26	22 16	0 19	5 23	2 16	19 34	0 38	21 14	0 37	5 37	13 25	6 22	7 6	19 25	3 31	5 24
W26	12 20	0 46	1n 3	9 51	0 59	26 17	3 16	8 3	1 27	22 17	0 19	5 26	2 16	19 34	0 38	21 14	0 37	5 38	13 24	6 22	7 7	19 27	3 29	5 24
T 27	12 41	4n56	2 5	10 32	0 53	26 24	3 18	7 50	1 27	22 19	0 19	5 29	2 16	19 33	0 38	21 14	0 37	5 39	13 24	6 24	7 8	19 30	3 26	5 24
F 28	13 1	10 26	3 0	11 13	0 46	26 31	3 20	7 36	1 27	22 20	0 19	5 31	2 16	19 33	0 38	21 14	0 37	5 40	13 24	6 26	7 9	19 32	3 24	5 25
S 29	13 21	15 32	3 47	11 53	0 40	26 36	3 22	7 23	1 28	22 21	0 19	5 34	2 16	19 33	0 38	21 14	0 37	5 40	13 24	6 29	7 11	19 35	3 21	5 25
S 30	13 41	20 2	4 24	12 33	0 33	26 41	3 23	7 9	1 28	22 23	0 19	5 37	2 16	19 33	0 38	21 14	0 37	5 41	13 23	6 32	7 12	19 38	3 19	5 25
M31	14s 1	23n46	4n50	13s12	0n27	26s46	3s25	6n55	1n28	22s24	0n18	5s39	2n16	19s33	0s38	21n14	0s37	5s42	13n23	6s36	7s13	19n40	3n16	5s26

Julian Day Number = 2359046.5, Delta T = 15.07 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'17, Lahiri = 20°19'17Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1746
geocentric

NOVEMBER 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 28	8♏27'07	7♊ 2	7♏51	25♐27	16♍30	15♐56	19♎56	5♒30	20°R59	23♏35	13°R 2	11♓34	11♉59	8♍50	T 1
W 2	2 44 24	9°27'17	19° 0	9°29	26°29	17° 6	16° 8	20° 3	5°31	20♋59	23°37	12♓52	11°30	12° 6	8°56	W 2
T 3	2 48 21	10°27'28	1♋ 4	11° 6	27°30	17°42	16°20	20°10	5°32	20°58	23°39	12°43	11°27	12°12	9° 2	T 3
F 4	2 52 18	11°27'42	13°18	12°42	28°32	18°17	16°33	20°17	5°33	20°58	23°42	12°37	11°24	12°19	9° 7	F 4
S 5	2 56 14	12°27'58	25°43	14°18	29°33	18°53	16°45	20°24	5°34	20°58	23°44	12°33	11°21	12°26	9°13	S 5
S 6	3 0 11	13°28'16	8♌25	15°54	0♑33	19°28	16°57	20°31	5°35	20°57	23°46	12°D31	11°18	12°33	9°18	S 6
M 7	3 4 7	14°28'35	21°27	17°29	1°34	20° 4	17°10	20°38	5°36	20°57	23°49	12°31	11°15	12°39	9°24	M 7
T 8	3 8 4	15°28'57	4♍53	19° 4	2°34	20°39	17°22	20°45	5°37	20°56	23°51	12°32	11°11	12°46	9°29	T 8
W 9	3 12 0	16°29'20	18°46	20°39	3°33	21°15	17°35	20°51	5°38	20°56	23°54	12°R32	11° 8	12°53	9°34	W 9
T 10	3 15 57	17°29'46	3♎ 6	22°14	4°32	21°50	17°48	20°58	5°40	20°55	23°56	12°30	11° 5	12°59	9°39	T 10
F 11	3 19 53	18°30'13	17°53	23°48	5°31	22°25	18° 0	21° 5	5°41	20°55	23°58	12°26	11° 2	13° 6	9°44	F 11
S 12	3 23 50	19°30'43	2♏59	25°22	6°29	23° 0	18°13	21°12	5°42	20°54	24° 1	12°19	10°59	13°13	9°49	S 12
S 13	3 27 47	20°31'14	18°18	26°55	7°27	23°36	18°26	21°19	5°44	20°53	24° 3	12°10	10°56	13°20	9°54	S 13
M14	3 31 43	21°31'46	3♐37	28°29	8°25	24°11	18°39	21°25	5°45	20°53	24° 6	11°59	10°52	13°26	9°59	M14
T 15	3 35 40	22°32'21	18°44	0♐ 2	9°22	24°46	18°52	21°32	5°47	20°52	24° 8	11°49	10°49	13°33	10° 3	T 15
W16	3 39 36	23°32'56	3♑31	1°35	10°18	25°21	19° 5	21°39	5°48	20°51	24°10	11°39	10°46	13°40	10° 8	W16
T 17	3 43 33	24°33'33	17°51	3° 8	11°14	25°56	19°18	21°45	5°50	20°51	24°13	11°32	10°43	13°46	10°12	T 17
F 18	3 47 29	25°34'11	1♒40	4°40	12° 9	26°31	19°31	21°52	5°51	20°50	24°15	11°28	10°40	13°53	10°16	F 18
S 19	3 51 26	26°34'50	15° 0	6°12	13° 4	27° 5	19°44	21°58	5°53	20°49	24°18	11°25	10°36	14° 0	10°21	S 19
S 20	3 55 23	27°35'31	27°53	7°45	13°58	27°40	19°57	22° 5	5°55	20°48	24°20	11°D25	10°33	14° 6	10°25	S 20
M21	3 59 19	28°36'12	10♓24	9°17	14°51	28°15	20°10	22°11	5°57	20°47	24°22	11°R25	10°30	14°13	10°29	M21
T 22	4 3 16	29°36'54	22°37	10°48	15°44	28°49	20°23	22°17	5°59	20°46	24°25	11°25	10°27	14°20	10°33	T 22
W23	4 7 12	0♐37'38	4♈39	12°20	16°36	29°24	20°37	22°24	6° 0	20°45	24°27	11°22	10°24	14°27	10°37	W23
T 24	4 11 9	1°38'23	16°33	13°51	17°27	29°58	20°50	22°30	6° 2	20°44	24°29	11°18	10°21	14°33	10°40	T 24
F 25	4 15 5	2°39'08	28°23	15°22	18°18	0♎33	21° 3	22°36	6° 4	20°43	24°32	11°10	10°17	14°40	10°44	F 25
S 26	4 19 2	3°39'55	10♉14	16°53	19° 8	1° 7	21°17	22°42	6° 6	20°42	24°34	10°59	10°14	14°47	10°48	S 26
S 27	4 22 58	4°40'43	22° 6	18°24	19°57	1°41	21°30	22°48	6° 8	20°41	24°37	10°46	10°11	14°53	10°51	S 27
M28	4 26 55	5°41'32	4♊ 2	19°54	20°45	2°15	21°43	22°54	6°10	20°40	24°39	10°32	10° 8	15° 0	10°54	M28
T 29	4 30 52	6°42'23	16° 2	21°24	21°32	2°50	21°57	23° 0	6°13	20°39	24°41	10°17	10° 5	15° 7	10°58	T 29
W30	4 34 48	7♐43'14	28♊ 9	22♐54	22♑18	3♎24	22♐10	23♎ 6	6♒15	20♋38	24♏44	10♓ 3	10♓ 2	15♉14	11♍ 1	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s21	26n29	5n 3	13s50	0n20	26s50	3s26	6n42	1n29	22s26	0n18	5s42	2n16	19s32	0s38	21n14	0s37	5s43	13n23	6s41	7s14	19n43	3n14	5s26
W 2	14 40	28 3	5 3	14 28	0 13	26 53	3 27	6 28	1 29	22 27	0 18	5 44	2 17	19 32	0 38	21 14	0 37	5 43	13 23	6 45	7 15	19 45	3 11	5 26
T 3	14 59	28 17	4 49	15 4	0 7	26 56	3 29	6 15	1 29	22 28	0 18	5 47	2 17	19 32	0 38	21 14	0 37	5 44	13 23	6 48	7 17	19 48	3 9	5 27
F 4	15 18	27 10	4 22	15 41	0s 0	26 58	3 30	6 1	1 30	22 30	0 18	5 50	2 17	19 32	0 38	21 14	0 37	5 45	13 23	6 50	7 18	19 50	3 6	5 27
S 5	15 36	24 41	3 43	16 16	0 7	26 59	3 30	5 47	1 30	22 31	0 18	5 52	2 17	19 31	0 38	21 14	0 37	5 45	13 22	6 52	7 19	19 53	3 4	5 27
S 6	15 54	20 57	2 51	16 50	0 14	27 0	3 31	5 34	1 30	22 32	0 18	5 55	2 17	19 31	0 38	21 14	0 37	5 46	13 22	6 52	7 20	19 55	3 2	5 28
M 7	16 12	16 7	1 50	17 24	0 20	27 0	3 32	5 20	1 31	22 34	0 18	5 57	2 17	19 31	0 38	21 14	0 37	5 47	13 22	6 52	7 22	19 58	2 59	5 28
T 8	16 30	10 22	0 41	17 57	0 27	26 59	3 32	5 6	1 31	22 35	0 17	6 0	2 17	19 30	0 38	21 14	0 37	5 47	13 22	6 52	7 23	20 0	2 57	5 29
W 9	16 48	3 57	0s33	18 29	0 33	26 58	3 32	4 53	1 31	22 36	0 17	6 2	2 17	19 30	0 38	21 14	0 37	5 48	13 22	6 52	7 24	20 3	2 55	5 29
T 10	17 5	2s52	1 47	19 0	0 40	26 56	3 32	4 39	1 32	22 38	0 17	6 5	2 17	19 30	0 38	21 14	0 37	5 49	13 22	6 53	7 25	20 5	2 53	5 29
F 11	17 22	9 44	2 56	19 30	0 46	26 54	3 32	4 25	1 32	22 39	0 17	6 7	2 17	19 29	0 38	21 14	0 37	5 49	13 22	6 54	7 26	20 8	2 50	5 30
S 12	17 38	16 12	3 54	19 59	0 52	26 51	3 32	4 12	1 32	22 40	0 17	6 9	2 17	19 29	0 38	21 14	0 37	5 50	13 22	6 57	7 28	20 10	2 48	5 30
S 13	17 54	21 43	4 36	20 27	0 59	26 47	3 32	3 58	1 33	22 41	0 17	6 12	2 18	19 29	0 38	21 14	0 37	5 51	13 21	7 0	7 29	20 12	2 46	5 30
M14	18 10	25 47	4 59	20 54	1 5	26 43	3 31	3 44	1 33	22 43	0 17	6 14	2 18	19 28	0 38	21 14	0 37	5 51	13 21	7 4	7 30	20 15	2 44	5 31
T 15	18 26	27 58	5 0	21 20	1 10	26 38	3 30	3 31	1 33	22 44	0 17	6 17	2 18	19 28	0 38	21 15	0 37	5 52	13 21	7 9	7 31	20 17	2 42	5 31
W16	18 41	28 6	4 40	21 45	1 16	26 33	3 29	3 17	1 34	22 45	0 17	6 19	2 18	19 28	0 38	21 15	0 37	5 53	13 21	7 12	7 32	20 20	2 40	5 32
T 17	18 56	26 19	4 4	22 9	1 22	26 27	3 28	3 3	1 34	22 46	0 16	6 21	2 18	19 27	0 38	21 15	0 37	5 53	13 21	7 15	7 34	20 22	2 38	5 32
F 18	19 11	22 58	3 14	22 32	1 27	26 21	3 27	2 50	1 34	22 47	0 16	6 24	2 18	19 27	0 38	21 15	0 37	5 54	13 21	7 17	7 35	20 25	2 36	5 32
S 19	19 25	18 31	2 15	22 54	1 33	26 14	3 25	2 36	1 35	22 48	0 16	6 26	2 18	19 26	0 38	21 15	0 37	5 54	13 21	7 17	7 36	20 27	2 34	5 33
S 20	19 39	13 20	1 11	23 14	1 38	26 7	3 23	2 23	1 35	22 50	0 16	6 28	2 18	19 26	0 38	21 15	0 37	5 55	13 21	7 18	7 37	20 29	2 32	5 33
M21	19 53	7 46	0 5	23 34	1 42	25 59	3 21	2 9	1 35	22 51	0 16	6 30	2 19	19 25	0 38	21 15	0 37	5 56	13 21	7 18	7 38	20 32	2 30	5 34
T 22	20 6	2 2	0n59	23 52	1 47	25 50	3 19	1 56	1 36	22 52	0 16	6 33	2 19	19 25	0 38	21 15	0 37	5 56	13 21	7 18	7 40	20 34	2 28	5 34
W23	20 19	3n41	2 0	24 9	1 52	25 41	3 16	1 42	1 36	22 53	0 16	6 35	2 19	19 24	0 38	21 16	0 37	5 57	13 21	7 19	7 41	20 37	2 26	5 35
T 24	20 31	9 12	2 54	24 25	1 56	25 32	3 14	1 29	1 36	22 54	0 16	6 37	2 19	19 24	0 38	21 16	0 37	5 57	13 21	7 20	7 42	20 39	2 24	5 35
F 25	20 43	14 21	3 41	24 39	2 0	25 22	3 11	1 15	1 36	22 55	0 16	6 39	2 19	19 23	0 38	21 16	0 37	5 58	13 21	7 23	7 43	20 41	2 23	5 35
S 26	20 55	18 59	4 18	24 52	2 3	25 12	3 8	1 2	1 37	22 56	0 15	6 41	2 19	19 23	0 38	21 16	0 37	5 58	13 21	7 27	7 44	20 44	2 21	5 36
S 27	21 6	22 53	4 44	25 4	2 7	25 2	3 4	0 49	1 37	22 57	0 15	6 43	2 19	19 22	0 38	21 16	0 37	5 59	13 21	7 32	7 46	20 46	2 19	5 36
M28	21 17	25 51	4 57	25 15	2 10	24 51	3 1	0 35	1 37	22 58	0 15	6 45	2 20	19 22	0 38	21 16	0 37	5 59	13 21	7 38	7 47	20 49	2 17	5 37
T 29	21 28	27 40	4 58	25 24	2 12	24 39	2 57	0 22	1 38	22 59	0 15	6 48	2 20	19 21	0 37	21 16	0 37	6 0	13 21	7 43	7 48	20 51	2 16	5 37
W30	21s38	28n12	4n45	25s32	2s15	24s28	2s52	0n 9	1n38	23s 0	0n15	6s50	2n20	19s21	0s37	21n17	0s37	6s 0	13n21	7s49	7s49	20n53	2n14	5s38

Julian Day Number = 2359077.5, Delta T = 15.10 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'21, Lahiri = 20°19'22Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1746
geocentric

DECEMBER 1746 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 45	8♐44'07	10♋23	24♐23	23♑ 4	3♎58	22♐24	23♎12	6♒17	20°R37	24♏46	9°R50	9♓58	15♉20	11♍ 4	T 1
F 2	4 42 41	9°45'01	22°45	25°52	23°48	4°32	22°37	23°18	6°19	20♋36	24°48	9♓41	9°55	15°27	11° 7	F 2
S 3	4 46 38	10°45'56	5♌17	27°20	24°32	5° 5	22°51	23°24	6°22	20°35	24°51	9°35	9°52	15°34	11° 9	S 3
S 4	4 50 34	11°46'53	18° 2	28°48	25°14	5°39	23° 5	23°29	6°24	20°33	24°53	9°31	9°49	15°40	11°12	S 4
M 5	4 54 31	12°47'50	1♍ 2	0♑14	25°55	6°13	23°18	23°35	6°26	20°32	24°55	9°30	9°46	15°47	11°14	M 5
T 6	4 58 27	13°48'49	14°22	1°40	26°35	6°46	23°32	23°41	6°29	20°31	24°58	9°30	9°42	15°54	11°17	T 6
W 7	5 2 24	14°49'49	28° 4	3° 5	27°14	7°20	23°45	23°46	6°31	20°29	25° 0	9°30	9°39	16° 1	11°19	W 7
T 8	5 6 21	15°50'50	12♎ 9	4°28	27°51	7°53	23°59	23°52	6°34	20°28	25° 2	9°28	9°36	16° 7	11°21	T 8
F 9	5 10 17	16°51'52	26°38	5°50	28°28	8°27	24°13	23°57	6°36	20°27	25° 5	9°24	9°33	16°14	11°24	F 9
S 10	5 14 14	17°52'56	11♏27	7°10	29° 3	9° 0	24°26	24° 2	6°39	20°25	25° 7	9°16	9°30	16°21	11°26	S 10
S 11	5 18 10	18°54'00	26°31	8°28	29°36	9°33	24°40	24° 7	6°41	20°24	25° 9	9° 6	9°27	16°27	11°27	S 11
M12	5 22 7	19°55'05	11♐39	9°43	0♒ 8	10° 6	24°54	24°13	6°44	20°23	25°11	8°55	9°23	16°34	11°29	M12
T 13	5 26 3	20°56'12	26°43	10°56	0°38	10°39	25° 7	24°18	6°47	20°21	25°14	8°43	9°20	16°41	11°31	T 13
W14	5 30 0	21°57'18	11♑31	12° 5	1° 7	11°12	25°21	24°23	6°49	20°20	25°16	8°33	9°17	16°48	11°32	W14
T 15	5 33 56	22°58'25	25°55	13°10	1°35	11°45	25°35	24°28	6°52	20°18	25°18	8°24	9°14	16°54	11°34	T 15
F 16	5 37 53	23°59'33	9♒52	14°11	2° 0	12°18	25°49	24°33	6°55	20°17	25°20	8°18	9°11	17° 1	11°35	F 16
S 17	5 41 50	25° 0'41	23°19	15° 7	2°24	12°50	26° 2	24°37	6°58	20°15	25°22	8°15	9° 8	17° 8	11°36	S 17
S 18	5 45 46	26° 1'49	6♓18	15°56	2°45	13°23	26°16	24°42	7° 0	20°14	25°24	8°D15	9° 4	17°14	11°37	S 18
M19	5 49 43	27° 2'57	18°53	16°39	3° 5	13°55	26°30	24°47	7° 3	20°12	25°27	8°15	9° 1	17°21	11°38	M19
T 20	5 53 39	28° 4'05	1♈ 9	17°15	3°23	14°28	26°44	24°51	7° 6	20°11	25°29	8°R15	8°58	17°28	11°39	T 20
W21	5 57 36	29° 5'13	13°12	17°42	3°39	15° 0	26°57	24°56	7° 9	20° 9	25°31	8°14	8°55	17°35	11°40	W21
T 22	6 1 32	0♑ 6'22	25° 5	17°59	3°53	15°32	27°11	25° 0	7°12	20° 8	25°33	8°11	8°52	17°41	11°40	T 22
F 23	6 5 29	1° 7'30	6♉55	18°R 6	4° 4	16° 4	27°25	25° 4	7°15	20° 6	25°35	8° 5	8°48	17°48	11°41	F 23
S 24	6 9 26	2° 8'39	18°46	18° 2	4°13	16°36	27°39	25° 9	7°18	20° 5	25°37	7°56	8°45	17°55	11°41	S 24
S 25	6 13 22	3° 9'48	0♊41	17°47	4°20	17° 8	27°52	25°13	7°21	20° 3	25°39	7°46	8°42	18° 1	11°41	S 25
M26	6 17 19	4°10'57	12°42	17°20	4°25	17°39	28° 6	25°17	7°24	20° 1	25°41	7°34	8°39	18° 8	11°R41	M26
T 27	6 21 15	5°12'06	24°51	16°40	4°R27	18°11	28°20	25°21	7°27	20° 0	25°43	7°21	8°36	18°15	11°41	T 27
W28	6 25 12	6°13'15	7♋ 9	15°50	4°26	18°42	28°34	25°25	7°30	19°58	25°45	7° 9	8°33	18°22	11°41	W28
T 29	6 29 8	7°14'24	19°38	14°50	4°24	19°13	28°47	25°29	7°33	19°56	25°47	6°59	8°29	18°28	11°41	T 29
F 30	6 33 5	8°15'33	2♌16	13°41	4°18	19°45	29° 1	25°32	7°36	19°55	25°49	6°51	8°26	18°35	11°40	F 30
S 31	6 37 1	9♑16'42	15♌ 5	12♑25	4♒10	20♎16	29♐15	25♎36	7♒40	19♋53	25♏51	6♓46	8♓23	18♉42	11♍40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s47	27n22	4n18	25 s38	2 s17	24 s16	2 s48	0 s 4	1n38	23 s 0	0n15	6 s52	2n20	19 s20	0 s37	21n17	0 s37	6 s 1	13n21	7 s53	7 s50	20n56	2n13	5 s38
F 2	21 57	25 10	3 40	25 43	2 18	24 3	2 43	0 18	1 39	23 1	0 15	6 54	2 20	19 19	0 37	21 17	0 37	6 1	13 21	7 57	7 52	20 58	2 11	5 39
S 3	22 6	21 43	2 50	25 46	2 20	23 51	2 38	0 31	1 39	23 2	0 15	6 55	2 20	19 19	0 37	21 17	0 37	6 2	13 21	7 59	7 53	21 0	2 10	5 39
S 4	22 14	17 12	1 51	25 48	2 20	23 38	2 33	0 44	1 39	23 3	0 15	6 57	2 21	19 18	0 37	21 17	0 37	6 2	13 21	8 1	7 54	21 3	2 8	5 39
M 5	22 22	11 49	0 45	25 49	2 20	23 24	2 27	0 57	1 39	23 4	0 15	6 59	2 21	19 18	0 37	21 17	0 37	6 3	13 21	8 1	7 55	21 5	2 7	5 40
T 6	22 30	5 46	0 s26	25 48	2 20	23 11	2 21	1 10	1 40	23 5	0 14	7 1	2 21	19 17	0 37	21 18	0 37	6 3	13 21	8 1	7 56	21 7	2 6	5 40
W 7	22 37	0 s42	1 36	25 45	2 19	22 57	2 15	1 23	1 40	23 5	0 14	7 3	2 21	19 16	0 37	21 18	0 37	6 4	13 21	8 1	7 58	21 10	2 4	5 41
T 8	22 43	7 19	2 43	25 42	2 18	22 43	2 9	1 36	1 40	23 6	0 14	7 5	2 21	19 16	0 37	21 18	0 37	6 4	13 21	8 2	7 59	21 12	2 3	5 41
F 9	22 50	13 43	3 41	25 36	2 15	22 29	2 2	1 49	1 41	23 7	0 14	7 7	2 22	19 15	0 37	21 18	0 37	6 5	13 22	8 4	8 0	21 14	2 2	5 42
S 10	22 55	19 30	4 26	25 29	2 13	22 15	1 54	2 2	1 41	23 7	0 14	7 8	2 22	19 14	0 37	21 18	0 37	6 5	13 22	8 6	8 1	21 17	2 1	5 42
S 11	23 1	24 9	4 53	25 21	2 9	22 0	1 47	2 14	1 41	23 8	0 14	7 10	2 22	19 14	0 37	21 19	0 37	6 5	13 22	8 10	8 2	21 19	1 59	5 43
M12	23 5	27 10	5 0	25 11	2 5	21 46	1 39	2 27	1 42	23 9	0 14	7 12	2 22	19 13	0 37	21 19	0 37	6 6	13 22	8 14	8 4	21 21	1 58	5 43
T 13	23 10	28 12	4 46	25 0	1 59	21 31	1 31	2 40	1 42	23 9	0 14	7 14	2 22	19 12	0 37	21 19	0 37	6 6	13 22	8 19	8 5	21 24	1 57	5 44
W14	23 14	27 10	4 13	24 48	1 53	21 16	1 22	2 52	1 42	23 10	0 14	7 15	2 23	19 12	0 37	21 19	0 37	6 6	13 22	8 23	8 6	21 26	1 56	5 44
T 15	23 17	24 20	3 24	24 35	1 46	21 1	1 13	3 5	1 42	23 10	0 14	7 17	2 23	19 11	0 37	21 19	0 37	6 7	13 22	8 26	8 7	21 28	1 55	5 45
F 16	23 20	20 7	2 24	24 20	1 38	20 46	1 4	3 17	1 43	23 11	0 13	7 18	2 23	19 10	0 37	21 20	0 37	6 7	13 22	8 28	8 8	21 30	1 54	5 45
S 17	23 23	15 0	1 18	24 5	1 29	20 32	0 54	3 30	1 43	23 12	0 13	7 20	2 23	19 10	0 37	21 20	0 37	6 8	13 23	8 29	8 10	21 33	1 54	5 46
S 18	23 25	9 22	0 10	23 49	1 18	20 17	0 44	3 42	1 43	23 12	0 13	7 22	2 23	19 9	0 37	21 20	0 37	6 8	13 23	8 29	8 11	21 35	1 53	5 46
M19	23 26	3 32	0n56	23 32	1 7	20 2	0 33	3 55	1 43	23 12	0 13	7 23	2 24	19 8	0 37	21 20	0 37	6 8	13 23	8 29	8 12	21 37	1 52	5 46
T 20	23 28	2n16	1 58	23 15	0 54	19 47	0 22	4 7	1 44	23 13	0 13	7 24	2 24	19 7	0 37	21 21	0 37	6 8	13 23	8 29	8 13	21 39	1 51	5 47
W21	23 28	7 53	2 54	22 58	0 40	19 32	0 11	4 19	1 44	23 13	0 13	7 26	2 24	19 7	0 37	21 21	0 37	6 9	13 23	8 30	8 14	21 42	1 51	5 47
T 22	23 28	13 10	3 42	22 40	0 25	19 18	0n 1	4 31	1 44	23 14	0 13	7 27	2 24	19 6	0 37	21 21	0 37	6 9	13 23	8 31	8 16	21 44	1 50	5 48
F 23	23 28	17 55	4 19	22 23	0 8	19 3	0 13	4 43	1 45	23 14	0 13	7 29	2 24	19 5	0 37	21 21	0 37	6 9	13 24	8 33	8 17	21 46	1 49	5 48
S 24	23 27	22 0	4 46	22 6	0n 9	18 49	0 25	4 55	1 45	23 14	0 13	7 30	2 25	19 4	0 37	21 22	0 37	6 10	13 24	8 36	8 18	21 48	1 49	5 49
S 25	23 26	25 13	5 0	21 50	0 28	18 35	0 38	5 7	1 45	23 15	0 13	7 31	2 25	19 3	0 37	21 22	0 37	6 10	13 24	8 40	8 19	21 51	1 48	5 49
M26	23 24	27 20	5 1	21 34	0 47	18 21	0 51	5 19	1 45	23 15	0 13	7 33	2 25	19 3	0 37	21 22	0 37	6 10	13 24	8 45	8 20	21 53	1 48	5 50
T 27	23 22	28 11	4 49	21 20	1 7	18 8	1 5	5 31	1 46	23 15	0 12	7 34	2 25	19 2	0 37	21 22	0 37	6 10	13 24	8 49	8 22	21 55	1 48	5 50
W28	23 20	27 39	4 23	21 6	1 26	17 54	1 19	5 42	1 46	23 16	0 12	7 35	2 26	19 1	0 37	21 23	0 37	6 10	13 25	8 54	8 23	21 57	1 47	5 51
T 29	23 17	25 43	3 44	20 54	1 45	17 41	1 33	5 54	1 46	23 16	0 12	7 36	2 26	19 0	0 37	21 23	0 37	6 11	13 25	8 58	8 24	21 59	1 47	5 51
F 30	23 13	22 30	2 53	20 43	2 4	17 28	1 47	6 5	1 46	23 16	0 12	7 37	2 26	18 59	0 37	21 23	0 37	6 11	13 25	9 1	8 25	22 2	1 47	5 51
S 31	23 s 9	18n 8	1n53	20 s33	2n21	17 s16	2n 2	6 s17	1n47	23 s16	0n12	7 s38	2n26	18 s59	0 s37	21n23	0 s37	6 s11	13n25	9 s 2	8 s26	22n 4	1n46	5 s52

Julian Day Number = 2359107.5, Delta T = 15.12 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'25, Lahiri = 20°19'26Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

JANUARY 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 58	10♑17'52	28♌ 4	11°R 6	4°R 0	20♎47	29♐28	25♎40	7♒43	19°R52	25♏53	6°R44	8♓20	18♉48	11°R39	S 1
M 2	6 44 55	11°19'01	11♍16	9♑45	3♒47	21°17	29°42	25°43	7°46	19♋50	25°54	6°D44	8°17	18°55	11♍39	M 2
T 3	6 48 51	12°20'11	24°42	8°25	3°32	21°48	29°56	25°46	7°49	19°48	25°56	6♓44	8°14	19° 2	11°38	T 3
W 4	6 52 48	13°21'21	8♎22	7° 8	3°14	22°19	0♑ 9	25°50	7°52	19°46	25°58	6°R45	8°10	19° 9	11°37	W 4
T 5	6 56 44	14°22'30	22°19	5°58	2°54	22°49	0°23	25°53	7°56	19°45	26° 0	6°45	8° 7	19°15	11°36	T 5
F 6	7 0 41	15°23'40	6♏32	4°55	2°31	23°19	0°36	25°56	7°59	19°43	26° 1	6°43	8° 4	19°22	11°35	F 6
S 7	7 4 37	16°24'51	20°59	4° 0	2° 7	23°49	0°50	25°59	8° 2	19°41	26° 3	6°39	8° 1	19°29	11°33	S 7
S 8	7 8 34	17°26'01	5♐37	3°15	1°40	24°19	1° 3	26° 2	8° 6	19°40	26° 5	6°33	7°58	19°35	11°32	S 8
M 9	7 12 30	18°27'11	20°20	2°40	1°12	24°49	1°17	26° 5	8° 9	19°38	26° 7	6°25	7°54	19°42	11°30	M 9
T 10	7 16 27	19°28'21	5♑ 1	2°15	0°41	25°19	1°30	26° 7	8°12	19°36	26° 8	6°17	7°51	19°49	11°29	T 10
W11	7 20 24	20°29'30	19°32	1°59	0° 9	25°48	1°44	26°10	8°16	19°35	26°10	6°10	7°48	19°56	11°27	W11
T 12	7 24 20	21°30'39	3♒45	1°D53	29♑36	26°18	1°57	26°12	8°19	19°33	26°11	6° 4	7°45	20° 2	11°25	T 12
F 13	7 28 17	22°31'48	17°37	1°55	29° 2	26°47	2°10	26°15	8°23	19°31	26°13	6° 0	7°42	20° 9	11°23	F 13
S 14	7 32 13	23°32'56	1♓ 4	2° 5	28°26	27°16	2°24	26°17	8°26	19°30	26°15	5°D59	7°39	20°16	11°21	S 14
S 15	7 36 10	24°34'02	14° 6	2°22	27°50	27°45	2°37	26°19	8°29	19°28	26°16	5°59	7°35	20°22	11°19	S 15
M16	7 40 6	25°35'09	26°46	2°46	27°13	28°13	2°50	26°21	8°33	19°26	26°18	6° 0	7°32	20°29	11°17	M16
T 17	7 44 3	26°36'14	9♈ 7	3°16	26°36	28°42	3° 4	26°23	8°36	19°24	26°19	6° 2	7°29	20°36	11°14	T 17
W18	7 47 59	27°37'18	21°13	3°52	25°59	29°10	3°17	26°25	8°40	19°23	26°20	6° 3	7°26	20°43	11°12	W18
T 19	7 51 56	28°38'21	3♉ 9	4°33	25°23	29°38	3°30	26°27	8°43	19°21	26°22	6°R 3	7°23	20°49	11° 9	T 19
F 20	7 55 53	29°39'24	15° 1	5°18	24°47	0♏ 6	3°43	26°29	8°47	19°19	26°23	6° 2	7°20	20°56	11° 6	F 20
S 21	7 59 49	0♒40'25	26°53	6° 8	24°11	0°34	3°56	26°30	8°50	19°18	26°24	5°58	7°16	21° 3	11° 4	S 21
S 22	8 3 46	1°41'25	8♊49	7° 1	23°37	1° 1	4° 9	26°32	8°54	19°16	26°26	5°54	7°13	21° 9	11° 1	S 22
M23	8 7 42	2°42'25	20°54	7°58	23° 4	1°28	4°22	26°33	8°57	19°14	26°27	5°48	7°10	21°16	10°58	M23
T 24	8 11 39	3°43'23	3♋10	8°57	22°32	1°55	4°35	26°35	9° 0	19°13	26°28	5°42	7° 7	21°23	10°55	T 24
W25	8 15 35	4°44'20	15°40	10° 0	22° 2	2°22	4°48	26°36	9° 4	19°11	26°29	5°37	7° 4	21°30	10°51	W25
T 26	8 19 32	5°45'16	28°23	11° 5	21°34	2°49	5° 1	26°37	9° 7	19°10	26°31	5°32	7° 1	21°36	10°48	T 26
F 27	8 23 29	6°46'11	11♌21	12°12	21° 8	3°16	5°13	26°38	9°11	19° 8	26°32	5°28	6°57	21°43	10°45	F 27
S 28	8 27 25	7°47'05	24°32	13°21	20°44	3°42	5°26	26°39	9°14	19° 6	26°33	5°26	6°54	21°50	10°41	S 28
S 29	8 31 22	8°47'58	7♍56	14°33	20°22	4° 8	5°39	26°39	9°18	19° 5	26°34	5°D26	6°51	21°57	10°38	S 29
M30	8 35 18	9°48'51	21°31	15°46	20° 3	4°34	5°51	26°40	9°21	19° 3	26°35	5°27	6°48	22° 3	10°34	M30
T 31	8 39 15	10♒49'42	5♎16	17♑ 1	19♑46	4♏59	6♑ 4	26♎41	9♒25	19♋ 2	26♏36	5♓28	6♓45	22♉10	10♍31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	12n53	0n46	20s25	2n36	17s 4	2n17	6s28	1n47	23s16	0n12	7s39	2n27	18s58	0s37	21n24	0s37	6s11	13n26	9s 3	8s27	22n 6	1n46	5s52
M 2	22 59	6 58	0s24	20 18	2 50	16 52	2 32	6 40	1 47	23 16	0 12	7 40	2 27	18 57	0 37	21 24	0 37	6 11	13 26	9 3	8 29	22 8	1 46	5 53
T 3	22 54	0 40	1 35	20 12	3 1	16 41	2 48	6 51	1 47	23 17	0 12	7 41	2 27	18 56	0 37	21 24	0 37	6 12	13 26	9 3	8 30	22 10	1 46	5 53
W 4	22 48	5s48	2 41	20 8	3 9	16 30	3 3	7 2	1 48	23 17	0 12	7 42	2 27	18 55	0 37	21 24	0 37	6 12	13 26	9 3	8 31	22 13	1 46	5 53
T 5	22 42	12 6	3 40	20 5	3 15	16 19	3 19	7 13	1 48	23 17	0 12	7 43	2 28	18 54	0 37	21 25	0 37	6 12	13 27	9 3	8 32	22 15	1 46	5 54
F 6	22 35	17 53	4 26	20 4	3 19	16 9	3 34	7 24	1 48	23 17	0 12	7 44	2 28	18 54	0 37	21 25	0 37	6 12	13 27	9 4	8 33	22 17	1 46	5 54
S 7	22 28	22 46	4 56	20 5	3 20	15 59	3 49	7 35	1 48	23 17	0 12	7 45	2 28	18 53	0 37	21 25	0 37	6 12	13 27	9 5	8 35	22 19	1 46	5 55
S 8	22 20	26 18	5 7	20 7	3 19	15 50	4 5	7 45	1 49	23 17	0 11	7 46	2 28	18 52	0 37	21 25	0 37	6 12	13 27	9 7	8 36	22 21	1 46	5 55
M 9	22 12	28 4	4 58	20 10	3 17	15 41	4 20	7 56	1 49	23 17	0 11	7 47	2 29	18 51	0 37	21 26	0 37	6 12	13 28	9 10	8 37	22 23	1 47	5 55
T 10	22 4	27 52	4 29	20 15	3 12	15 33	4 35	8 7	1 49	23 17	0 11	7 47	2 29	18 50	0 37	21 26	0 37	6 12	13 28	9 13	8 38	22 25	1 47	5 56
W11	21 55	25 45	3 44	20 21	3 7	15 26	4 50	8 17	1 49	23 17	0 11	7 48	2 29	18 49	0 37	21 26	0 37	6 12	13 28	9 16	8 39	22 28	1 47	5 56
T 12	21 45	22 1	2 45	20 28	3 0	15 18	5 4	8 28	1 50	23 17	0 11	7 49	2 29	18 48	0 37	21 26	0 37	6 12	13 29	9 18	8 41	22 30	1 48	5 57
F 13	21 35	17 8	1 38	20 35	2 52	15 12	5 18	8 38	1 50	23 16	0 11	7 49	2 30	18 47	0 37	21 27	0 37	6 12	13 29	9 19	8 42	22 32	1 48	5 57
S 14	21 25	11 32	0 27	20 44	2 44	15 6	5 31	8 48	1 50	23 16	0 11	7 50	2 30	18 47	0 37	21 27	0 37	6 12	13 29	9 20	8 43	22 34	1 49	5 57
S 15	21 14	5 35	0n44	20 52	2 35	15 0	5 44	8 58	1 50	23 16	0 11	7 50	2 30	18 46	0 37	21 27	0 37	6 12	13 29	9 20	8 44	22 36	1 49	5 58
M16	21 3	0n24	1 50	21 1	2 25	14 55	5 56	9 8	1 51	23 16	0 11	7 51	2 30	18 45	0 37	21 27	0 37	6 13	13 30	9 19	8 45	22 38	1 50	5 58
T 17	20 52	6 13	2 50	21 10	2 16	14 51	6 8	9 18	1 51	23 16	0 11	7 51	2 31	18 44	0 37	21 28	0 37	6 12	13 30	9 19	8 46	22 40	1 50	5 58
W18	20 40	11 42	3 41	21 19	2 6	14 47	6 19	9 28	1 51	23 15	0 11	7 52	2 31	18 43	0 37	21 28	0 37	6 12	13 30	9 18	8 48	22 42	1 51	5 58
T 19	20 28	16 40	4 21	21 28	1 56	14 43	6 29	9 38	1 51	23 15	0 11	7 52	2 31	18 42	0 37	21 28	0 37	6 12	13 31	9 18	8 49	22 44	1 52	5 59
F 20	20 15	20 59	4 51	21 37	1 45	14 40	6 38	9 47	1 51	23 15	0 10	7 53	2 31	18 41	0 37	21 28	0 37	6 12	13 31	9 19	8 50	22 46	1 52	5 59
S 21	20 2	24 28	5 7	21 45	1 35	14 38	6 46	9 57	1 52	23 15	0 10	7 53	2 32	18 40	0 37	21 29	0 37	6 12	13 31	9 20	8 51	22 48	1 53	5 59
S 22	19 49	26 55	5 11	21 52	1 25	14 36	6 54	10 6	1 52	23 14	0 10	7 53	2 32	18 39	0 37	21 29	0 37	6 12	13 32	9 22	8 52	22 50	1 54	6 0
M23	19 35	28 9	5 0	21 59	1 15	14 35	7 1	10 15	1 52	23 14	0 10	7 53	2 32	18 38	0 37	21 29	0 37	6 12	13 32	9 24	8 54	22 53	1 55	6 0
T 24	19 21	28 2	4 36	22 5	1 5	14 34	7 7	10 24	1 52	23 14	0 10	7 54	2 33	18 37	0 37	21 29	0 37	6 12	13 33	9 26	8 55	22 55	1 56	6 0
W25	19 6	26 30	3 59	22 11	0 55	14 34	7 12	10 33	1 52	23 13	0 10	7 54	2 33	18 36	0 37	21 30	0 37	6 12	13 33	9 28	8 56	22 57	1 57	6 0
T 26	18 52	23 36	3 9	22 15	0 45	14 34	7 16	10 42	1 52	23 13	0 10	7 54	2 33	18 36	0 37	21 30	0 37	6 12	13 33	9 30	8 57	22 59	1 58	6 1
F 27	18 36	19 27	2 8	22 19	0 36	14 34	7 19	10 51	1 53	23 12	0 10	7 54	2 33	18 35	0 37	21 30	0 37	6 12	13 34	9 31	8 58	23 1	1 59	6 1
S 28	18 21	14 18	0 59	22 22	0 26	14 35	7 22	11 0	1 53	23 12	0 10	7 54	2 34	18 34	0 37	21 30	0 37	6 12	13 34	9 32	8 59	23 3	2 0	6 1
S 29	18 5	8 24	0s14	22 24	0 17	14 37	7 24	11 9	1 53	23 12	0 10	7 54	2 34	18 33	0 37	21 31	0 37	6 12	13 34	9 32	9 1	23 5	2 1	6 1
M30	17 49	2 2	1 27	22 24	0 8	14 39	7 25	11 17	1 53	23 11	0 10	7 54	2 34	18 32	0 37	21 31	0 37	6 12	13 35	9 32	9 2	23 7	2 2	6 1
T 31	17s33	4s29	2s37	22s24	0s 1	14s41	7n25	11s25	1n53	23s11	0n10	7s54	2n34	18s31	0s37	21n31	0s37	6s11	13n35	9s31	9s 3	23n 9	2n 3	6s 2

Julian Day Number = 2359138.5, Delta T = 15.14 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'30, Lahiri = 20°19'30Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

FEBRUARY 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 11	11♒50'32	19♎10	18♉17	19°R31	5♏24	6♉16	26♎41	9♒28	19°R 0	26♏37	5♓30	6♓41	22♉17	10°R27	W 1
T 2	8 47 8	12°51'21	3♏12	19°35	19♉19	5°49	6°29	26°41	9°32	18♋59	26°38	5°31	6°38	22°23	10♍23	T 2
F 3	8 51 4	13°52'10	17°21	20°54	19° 9	6°14	6°41	26°42	9°35	18°57	26°39	5°R31	6°35	22°30	10°19	F 3
S 4	8 55 1	14°52'58	1♐35	22°14	19° 2	6°39	6°53	26°42	9°39	18°56	26°40	5°30	6°32	22°37	10°15	S 4
S 5	8 58 58	15°53'44	15°50	23°36	18°58	7° 3	7° 6	26°R42	9°42	18°54	26°41	5°29	6°29	22°44	10°11	S 5
M 6	9 2 54	16°54'30	0♑ 5	24°59	18°D56	7°27	7°18	26°42	9°46	18°53	26°41	5°26	6°26	22°50	10° 7	M 6
T 7	9 6 51	17°55'15	14°16	26°23	18°56	7°51	7°30	26°41	9°49	18°51	26°42	5°24	6°22	22°57	10° 3	T 7
W 8	9 10 47	18°55'58	28°17	27°48	18°59	8°14	7°42	26°41	9°53	18°50	26°43	5°21	6°19	23° 4	9°59	W 8
T 9	9 14 44	19°56'40	12♒ 6	29°14	19° 4	8°37	7°54	26°41	9°56	18°48	26°44	5°20	6°16	23°10	9°55	T 9
F 10	9 18 40	20°57'21	25°39	0♒41	19°11	9° 0	8° 6	26°40	10° 0	18°47	26°44	5°19	6°13	23°17	9°50	F 10
S 11	9 22 37	21°58'00	8♓54	2° 9	19°21	9°23	8°18	26°39	10° 3	18°46	26°45	5°D18	6°10	23°24	9°46	S 11
S 12	9 26 33	22°58'38	21°50	3°38	19°32	9°45	8°29	26°39	10° 7	18°44	26°45	5°19	6° 6	23°31	9°41	S 12
M13	9 30 30	23°59'14	4♈28	5° 9	19°46	10° 7	8°41	26°38	10°10	18°43	26°46	5°20	6° 3	23°37	9°37	M13
T 14	9 34 27	24°59'48	16°50	6°40	20° 2	10°28	8°53	26°37	10°14	18°42	26°47	5°21	6° 0	23°44	9°32	T 14
W15	9 38 23	26° 0'21	28°58	8°11	20°20	10°49	9° 4	26°36	10°17	18°40	26°47	5°22	5°57	23°51	9°28	W15
T 16	9 42 20	27° 0'52	10♉56	9°44	20°40	11°10	9°15	26°35	10°20	18°39	26°47	5°23	5°54	23°57	9°23	T 16
F 17	9 46 16	28° 1'20	22°50	11°18	21° 2	11°31	9°27	26°34	10°24	18°38	26°48	5°R23	5°51	24° 4	9°19	F 17
S 18	9 50 13	29° 1'48	4♊42	12°53	21°26	11°51	9°38	26°32	10°27	18°37	26°48	5°23	5°47	24°11	9°14	S 18
S 19	9 54 9	0♓ 2'13	16°39	14°29	21°51	12°11	9°49	26°31	10°30	18°35	26°49	5°23	5°44	24°18	9° 9	S 19
M20	9 58 6	1° 2'36	28°45	16° 5	22°18	12°30	10° 0	26°29	10°34	18°34	26°49	5°22	5°41	24°24	9° 5	M20
T 21	10 2 2	2° 2'58	11♋ 3	17°43	22°47	12°49	10°11	26°28	10°37	18°33	26°49	5°22	5°38	24°31	9° 0	T 21
W22	10 5 59	3° 3'17	23°38	19°21	23°17	13° 8	10°22	26°26	10°40	18°32	26°49	5°21	5°35	24°38	8°55	W22
T 23	10 9 56	4° 3'35	6♌31	21° 1	23°48	13°26	10°33	26°24	10°44	18°31	26°50	5°21	5°32	24°45	8°50	T 23
F 24	10 13 52	5° 3'50	19°44	22°42	24°22	13°44	10°44	26°22	10°47	18°30	26°50	5°D21	5°28	24°51	8°46	F 24
S 25	10 17 49	6° 4'04	3♍15	24°23	24°56	14° 1	10°54	26°20	10°50	18°29	26°50	5°R21	5°25	24°58	8°41	S 25
S 26	10 21 45	7° 4'16	17° 5	26° 6	25°32	14°18	11° 5	26°18	10°53	18°28	26°50	5°21	5°22	25° 5	8°36	S 26
M27	10 25 42	8° 4'26	1♎ 9	27°50	26° 9	14°35	11°15	26°16	10°57	18°27	26°50	5°21	5°19	25°11	8°31	M27
T 28	10 29 38	9♓ 4'34	15♎23	29♒34	26♉48	14♏51	11♉25	26♎13	11♒ 0	18♋26	26°R50	5♓21	5♓16	25♉18	8♍26	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s16	10s52	3s38	22s22	0s 9	14s43	7n25	11s34	1n53	23s10	0n 9	7s54	2n35	18s30	0s37	21n31	0s37	6s11	13n35	9s31	9s 4	23n11	2n 5	6s 2	
T 2	16 59	16 46	4 26	22 20	0 17	14 46	7 24	11 42	1 53	23 10	0 9	7 54	2 35	18 29	0 37	21 31	0 37	6 11	13 36	9 30	9 5	23 13	2 6	6 2	
F 3	16 41	21 49	4 59	22 16	0 25	14 48	7 22	11 50	1 54	23 9	0 9	7 54	2 35	18 28	0 37	21 32	0 37	6 11	13 36	9 30	9 6	23 15	2 7	6 2	
S 4	16 24	25 38	5 14	22 11	0 33	14 52	7 20	11 58	1 54	23 9	0 9	7 53	2 36	18 27	0 37	21 32	0 37	6 11	13 37	9 30	9 8	23 17	2 9	6 2	
S 5	16 6	27 51	5 10	22 5	0 41	14 55	7 17	12 6	1 54	23 8	0 9	7 53	2 36	18 26	0 37	21 32	0 37	6 10	13 37	9 31	9 9	23 19	2 10	6 2	
M 6	15 47	28 15	4 46	21 57	0 48	14 58	7 14	12 13	1 54	23 7	0 9	7 53	2 36	18 25	0 37	21 32	0 37	6 10	13 37	9 32	9 10	23 21	2 11	6 2	
T 7	15 29	26 47	4 5	21 49	0 55	15 2	7 10	12 21	1 54	23 7	0 9	7 53	2 36	18 24	0 37	21 33	0 37	6 10	13 38	9 33	9 11	23 22	2 13	6 2	
W 8	15 10	23 38	3 10	21 39	1 2	15 5	7 6	12 28	1 54	23 6	0 9	7 52	2 37	18 24	0 37	21 33	0 37	6 10	13 38	9 34	9 12	23 24	2 14	6 2	
T 9	14 51	19 11	2 5	21 27	1 8	15 9	7 2	12 36	1 54	23 6	0 9	7 52	2 37	18 23	0 37	21 33	0 36	6 10	13 39	9 34	9 14	23 26	2 16	6 2	
F 10	14 32	13 49	0 53	21 15	1 15	15 13	6 57	12 43	1 54	23 5	0 9	7 51	2 37	18 22	0 37	21 33	0 36	6 9	13 39	9 35	9 15	23 28	2 18	6 2	
S 11	14 12	7 56	0n20	21 1	1 20	15 17	6 52	12 50	1 54	23 4	0 9	7 51	2 37	18 21	0 37	21 33	0 36	6 9	13 39	9 35	9 16	23 30	2 19	6 3	
S 12	13 53	1 52	1 30	20 46	1 26	15 20	6 46	12 57	1 54	23 4	0 9	7 50	2 38	18 20	0 37	21 34	0 36	6 9	13 40	9 35	9 17	23 32	2 21	6 3	
M13	13 33	4n 9	2 34	20 29	1 31	15 24	6 41	13 4	1 54	23 3	0 8	7 50	2 38	18 19	0 37	21 34	0 36	6 9	13 40	9 34	9 18	23 34	2 22	6 3	
T 14	13 13	9 51	3 30	20 11	1 36	15 28	6 35	13 10	1 55	23 2	0 8	7 49	2 38	18 18	0 37	21 34	0 36	6 8	13 40	9 34	9 19	23 36	2 24	6 2	
W15	12 52	15 6	4 15	19 52	1 41	15 31	6 29	13 17	1 55	23 2	0 8	7 49	2 38	18 17	0 37	21 34	0 36	6 8	13 41	9 33	9 21	23 38	2 26	6 2	
T 16	12 32	19 42	4 49	19 32	1 45	15 35	6 22	13 23	1 55	23 1	0 8	7 48	2 39	18 16	0 37	21 34	0 36	6 8	13 41	9 33	9 22	23 40	2 28	6 2	
F 17	12 11	23 29	5 9	19 10	1 49	15 38	6 16	13 30	1 55	23 0	0 8	7 47	2 39	18 15	0 37	21 35	0 36	6 7	13 42	9 33	9 23	23 42	2 29	6 2	
S 18	11 50	26 18	5 17	18 46	1 53	15 41	6 9	13 36	1 55	22 59	0 8	7 47	2 39	18 14	0 37	21 35	0 36	6 7	13 42	9 33	9 24	23 44	2 31	6 2	
S 19	11 29	27 57	5 11	18 22	1 56	15 44	6 2	13 42	1 55	22 59	0 8	7 46	2 39	18 13	0 37	21 35	0 36	6 7	13 42	9 33	9 25	23 45	2 33	6 2	
M20	11 7	28 19	4 51	17 56	1 59	15 47	5 55	13 48	1 54	22 58	0 8	7 45	2 40	18 13	0 37	21 35	0 36	6 6	13 43	9 33	9 26	23 47	2 35	6 2	
T 21	10 46	27 17	4 18	17 28	2 2	15 50	5 48	13 53	1 54	22 57	0 8	7 44	2 40	18 12	0 37	21 35	0 36	6 6	13 43	9 34	9 28	23 49	2 37	6 2	
W22	10 24	24 52	3 31	17 0	2 4	15 52	5 41	13 59	1 54	22 56	0 8	7 43	2 40	18 11	0 37	21 36	0 36	6 6	13 44	9 34	9 29	23 51	2 39	6 2	
T 23	10 2	21 9	2 33	16 30	2 6	15 54	5 33	14 5	1 54	22 56	0 8	7 43	2 40	18 10	0 37	21 36	0 36	6 5	13 44	9 34	9 30	23 53	2 41	6 2	
F 24	9 40	16 17	1 26	15 58	2 7	15 56	5 26	14 10	1 54	22 55	0 7	7 42	2 41	18 9	0 37	21 36	0 36	6 5	13 44	9 34	9 31	23 55	2 43	6 1	
S 25	9 18	10 30	0 12	15 25	2 8	15 57	5 18	14 15	1 54	22 54	0 7	7 41	2 41	18 8	0 37	21 36	0 36	6 5	13 45	9 34	9 32	23 56	2 44	6 1	
S 26	8 56	4 7	1s 5	14 51	2 8	15 58	5 11	14 20	1 54	22 53	0 7	7 40	2 41	18 7	0 37	21 36	0 36	6 4	13 45	9 34	9 33	23 58	2 46	6 1	
M27	8 33	2s34	2 18	14 15	2 9	15 59	5 3	14 25	1 54	22 53	0 7	7 39	2 41	18 6	0 37	21 36	0 36	6 4	13 46	9 34	9 35	24 0	2 48	6 1	
T 28	8s11	9s12	3s24	13s38	2s 8	16s 0	4n55	14s30	1n54	22s52	0n 7	7s38	2n42	18s 6	0s37	21n37	0s36	6s 4	13n46	9s34	9s36	24n 2	2n50	6s 1	

Julian Day Number = 2359169.5, Delta T = 15.17 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'34, Lahiri = 20°19'34Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

MARCH 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 33 35	10♓ 4'41	29♎43	1♓20	27♉27	15♏ 7	11♉35	26°R11	11♒ 3	18°R25	26°R50	5°R20	5♓12	25♉25	8°R22	W 1
T 2	10 37 31	11° 4'47	14♏ 5	3° 7	28° 8	15°22	11°46	26♎ 8	11° 6	18♋24	26♏50	5♓20	5° 9	25°32	8♍17	T 2
F 3	10 41 28	12° 4'50	28°24	4°55	28°50	15°37	11°56	26° 6	11° 9	18°23	26°50	5°19	5° 6	25°38	8°12	F 3
S 4	10 45 24	13° 4'53	12♐37	6°44	29°33	15°51	12° 5	26° 3	11°12	18°22	26°50	5°D19	5° 3	25°45	8° 7	S 4
S 5	10 49 21	14° 4'53	26°43	8°34	0♒17	16° 5	12°15	26° 0	11°15	18°21	26°50	5°19	5° 0	25°52	8° 2	S 5
M 6	10 53 18	15° 4'52	10♑39	10°25	1° 2	16°18	12°25	25°58	11°19	18°21	26°50	5°20	4°57	25°58	7°58	M 6
T 7	10 57 14	16° 4'50	24°24	12°18	1°47	16°30	12°34	25°55	11°22	18°20	26°49	5°21	4°53	26° 5	7°53	T 7
W 8	11 1 11	17° 4'46	7♒57	14°11	2°34	16°43	12°44	25°52	11°25	18°19	26°49	5°22	4°50	26°12	7°48	W 8
T 9	11 5 7	18° 4'39	21°18	16° 6	3°22	16°54	12°53	25°49	11°28	18°18	26°49	5°22	4°47	26°19	7°43	T 9
F 10	11 9 4	19° 4'31	4♓26	18° 1	4°10	17° 5	13° 2	25°46	11°31	18°18	26°48	5°R23	4°44	26°25	7°39	F 10
S 11	11 13 0	20° 4'21	17°20	19°58	4°59	17°16	13°11	25°42	11°33	18°17	26°48	5°22	4°41	26°32	7°34	S 11
S 12	11 16 57	21° 4'09	0♈ 2	21°55	5°49	17°26	13°20	25°39	11°36	18°16	26°48	5°21	4°38	26°39	7°29	S 12
M13	11 20 53	22° 3'55	12°30	23°53	6°40	17°35	13°29	25°36	11°39	18°16	26°47	5°19	4°34	26°46	7°25	M13
T 14	11 24 50	23° 3'39	24°46	25°52	7°31	17°44	13°38	25°32	11°42	18°15	26°47	5°17	4°31	26°52	7°20	T 14
W15	11 28 47	24° 3'21	6♉52	27°52	8°23	17°52	13°46	25°29	11°45	18°15	26°46	5°14	4°28	26°59	7°16	W15
T 16	11 32 43	25° 3'01	18°50	29°52	9°16	17°59	13°55	25°25	11°48	18°14	26°46	5°11	4°25	27° 6	7°11	T 16
F 17	11 36 40	26° 2'38	0♊43	1♈52	10° 9	18° 6	14° 3	25°21	11°50	18°14	26°45	5° 8	4°22	27°12	7° 7	F 17
S 18	11 40 36	27° 2'14	12°36	3°53	11° 3	18°13	14°11	25°18	11°53	18°14	26°45	5° 6	4°18	27°19	7° 3	S 18
S 19	11 44 33	28° 1'47	24°31	5°53	11°57	18°18	14°19	25°14	11°56	18°13	26°44	5°D 5	4°15	27°26	6°58	S 19
M20	11 48 29	29° 1'17	6♋35	7°53	12°52	18°23	14°27	25°10	11°58	18°13	26°43	5° 6	4°12	27°33	6°54	M20
T 21	11 52 26	0♈ 0'46	18°51	9°52	13°48	18°27	14°35	25° 6	12° 1	18°13	26°43	5° 7	4° 9	27°39	6°50	T 21
W22	11 56 22	1° 0'12	1♌25	11°50	14°44	18°31	14°43	25° 2	12° 4	18°12	26°42	5° 8	4° 6	27°46	6°46	W22
T 23	12 0 19	1°59'35	14°19	13°47	15°40	18°34	14°50	24°58	12° 6	18°12	26°41	5°10	4° 3	27°53	6°42	T 23
F 24	12 4 16	2°58'57	27°38	15°42	16°37	18°36	14°58	24°54	12° 9	18°12	26°41	5°11	3°59	27°59	6°38	F 24
S 25	12 8 12	3°58'16	11♍21	17°35	17°35	18°37	15° 5	24°50	12°11	18°12	26°40	5°R11	3°56	28° 6	6°34	S 25
S 26	12 12 9	4°57'33	25°28	19°25	18°33	18°38	15°12	24°46	12°14	18°11	26°39	5°10	3°53	28°13	6°30	S 26
M27	12 16 5	5°56'47	9♎56	21°12	19°31	18°R38	15°19	24°42	12°16	18°11	26°38	5° 7	3°50	28°20	6°26	M27
T 28	12 20 2	6°56'00	24°38	22°55	20°30	18°38	15°26	24°37	12°18	18°11	26°37	5° 3	3°47	28°26	6°22	T 28
W29	12 23 58	7°55'11	9♏27	24°35	21°29	18°36	15°32	24°33	12°21	18°11	26°36	4°58	3°43	28°33	6°18	W29
T 30	12 27 55	8°54'20	24°15	26°11	22°29	18°34	15°39	24°29	12°23	18°D11	26°35	4°53	3°40	28°40	6°15	T 30
F 31	12 31 51	9♈53'27	8♐55	27♈42	23♒28	18♏31	15♉45	24♎25	12♒25	18♋11	26♏34	4♓49	3♓37	28♉47	6♍11	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s48	15s24	4s18	13s 0	2s 8	16s 0	4n48	14s35	1n54	22s51	0n 7	7s37	2n42	18s 5	0s37	21n37	0s36	6s 3	13n46	9s34	9s37	24n 4	2n52	6s 0
T 2	7 25	20 47	4 55	12 20	2 6	15 59	4 40	14 39	1 53	22 50	0 7	7 35	2 42	18 4	0 37	21 37	0 36	6 3	13 47	9 34	9 38	24 6	2 54	6 0
F 3	7 2	24 56	5 14	11 39	2 5	15 59	4 32	14 44	1 53	22 49	0 7	7 34	2 42	18 3	0 37	21 37	0 36	6 2	13 47	9 34	9 39	24 7	2 56	6 0
S 4	6 39	27 32	5 14	10 57	2 3	15 58	4 25	14 48	1 53	22 49	0 7	7 33	2 42	18 2	0 37	21 37	0 36	6 2	13 48	9 35	9 40	24 9	2 58	6 0
S 5	6 16	28 21	4 55	10 13	2 0	15 56	4 17	14 52	1 53	22 48	0 7	7 32	2 43	18 1	0 37	21 37	0 36	6 2	13 48	9 34	9 42	24 11	3 1	5 59
M 6	5 53	27 21	4 19	9 28	1 57	15 54	4 9	14 56	1 52	22 47	0 7	7 31	2 43	18 1	0 37	21 37	0 36	6 1	13 48	9 34	9 43	24 13	3 3	5 59
T 7	5 30	24 41	3 28	8 42	1 53	15 52	4 2	15 0	1 52	22 46	0 7	7 30	2 43	18 0	0 37	21 38	0 36	6 1	13 49	9 34	9 44	24 14	3 5	5 59
W 8	5 7	20 39	2 26	7 54	1 49	15 49	3 54	15 4	1 52	22 45	0 6	7 28	2 43	17 59	0 37	21 38	0 36	6 0	13 49	9 34	9 45	24 16	3 7	5 58
T 9	4 43	15 38	1 17	7 5	1 44	15 46	3 46	15 8	1 52	22 45	0 6	7 27	2 43	17 58	0 37	21 38	0 36	6 0	13 50	9 33	9 46	24 18	3 9	5 58
F 10	4 20	9 59	0 5	6 15	1 39	15 42	3 39	15 11	1 51	22 44	0 6	7 26	2 44	17 57	0 37	21 38	0 36	6 0	13 50	9 33	9 47	24 20	3 11	5 57
S 11	3 56	4 0	1n 6	5 24	1 33	15 38	3 31	15 14	1 51	22 43	0 6	7 24	2 44	17 56	0 37	21 38	0 36	5 59	13 50	9 33	9 49	24 21	3 13	5 57
S 12	3 33	2n 2	2 12	4 32	1 26	15 33	3 24	15 17	1 50	22 42	0 6	7 23	2 44	17 56	0 37	21 38	0 36	5 59	13 51	9 34	9 50	24 23	3 15	5 57
M13	3 9	7 52	3 11	3 39	1 20	15 28	3 16	15 21	1 50	22 41	0 6	7 22	2 44	17 55	0 37	21 38	0 36	5 58	13 51	9 34	9 51	24 25	3 17	5 56
T 14	2 45	13 19	4 0	2 45	1 12	15 22	3 9	15 23	1 50	22 41	0 6	7 20	2 44	17 54	0 38	21 38	0 36	5 58	13 51	9 35	9 52	24 27	3 19	5 56
W15	2 22	18 11	4 37	1 50	1 4	15 16	3 1	15 26	1 49	22 40	0 6	7 19	2 44	17 53	0 38	21 38	0 36	5 57	13 52	9 36	9 53	24 28	3 21	5 55
T 16	1 58	22 17	5 2	0 54	0 55	15 10	2 54	15 29	1 49	22 39	0 6	7 17	2 45	17 53	0 38	21 39	0 36	5 57	13 52	9 38	9 54	24 30	3 23	5 55
F 17	1 34	25 26	5 14	0n 2	0 46	15 3	2 47	15 31	1 48	22 38	0 6	7 16	2 45	17 52	0 38	21 39	0 36	5 56	13 52	9 39	9 56	24 32	3 25	5 54
S 18	1 11	27 30	5 12	0 59	0 37	14 55	2 39	15 33	1 48	22 38	0 6	7 14	2 45	17 51	0 38	21 39	0 35	5 56	13 53	9 39	9 57	24 33	3 27	5 54
S 19	0 47	28 18	4 57	1 56	0 26	14 48	2 32	15 35	1 47	22 37	0 5	7 13	2 45	17 50	0 38	21 39	0 35	5 55	13 53	9 40	9 58	24 35	3 29	5 53
M20	0 23	27 47	4 28	2 53	0 16	14 39	2 25	15 37	1 46	22 36	0 5	7 11	2 45	17 50	0 38	21 39	0 35	5 55	13 53	9 39	9 59	24 37	3 31	5 53
T 21	0n 0	25 54	3 47	3 50	0 5	14 30	2 18	15 39	1 46	22 35	0 5	7 10	2 45	17 49	0 38	21 39	0 35	5 55	13 54	9 39	10 0	24 38	3 33	5 52
W22	0 24	22 43	2 55	4 47	0n 6	14 21	2 11	15 41	1 45	22 35	0 5	7 8	2 45	17 48	0 38	21 39	0 35	5 54	13 54	9 38	10 1	24 40	3 35	5 52
T 23	0 48	18 21	1 52	5 43	0 18	14 11	2 4	15 42	1 44	22 34	0 5	7 7	2 46	17 48	0 38	21 39	0 35	5 54	13 54	9 38	10 2	24 42	3 37	5 51
F 24	1 11	12 58	0 41	6 39	0 30	14 1	1 57	15 44	1 43	22 33	0 5	7 5	2 46	17 47	0 38	21 39	0 35	5 53	13 55	9 37	10 4	24 43	3 39	5 51
S 25	1 35	6 48	0s34	7 33	0 42	13 50	1 50	15 45	1 43	22 32	0 5	7 3	2 46	17 46	0 38	21 39	0 35	5 53	13 55	9 37	10 5	24 45	3 41	5 50
S 26	1 58	0 8	1 49	8 26	0 54	13 39	1 44	15 46	1 42	22 32	0 5	7 2	2 46	17 46	0 38	21 39	0 35	5 52	13 55	9 38	10 6	24 47	3 43	5 50
M27	2 22	6s40	2 59	9 18	1 6	13 27	1 37	15 47	1 41	22 31	0 5	7 0	2 46	17 45	0 38	21 39	0 35	5 52	13 56	9 39	10 7	24 48	3 45	5 49
T 28	2 45	13 14	3 58	10 8	1 18	13 15	1 31	15 47	1 40	22 30	0 5	6 59	2 46	17 44	0 38	21 39	0 35	5 51	13 56	9 40	10 8	24 50	3 47	5 48
W29	3 9	19 6	4 41	10 55	1 29	13 2	1 24	15 48	1 39	22 30	0 4	6 57	2 46	17 44	0 38	21 39	0 35	5 51	13 56	9 42	10 9	24 52	3 49	5 48
T 30	3 32	23 48	5 6	11 41	1 41	12 49	1 18	15 48	1 38	22 29	0 4	6 55	2 46	17 43	0 38	21 39	0 35	5 50	13 57	9 44	10 11	24 53	3 51	5 47
F 31	3n55	26s56	5s10	12n24	1n52	12s36	1n11	15s49	1n37	22s28	0n 4	6s54	2n46	17s42	0s38	21n39	0s35	5s50	13n57	9s45	10s12	24n55	3n53	5s47

Julian Day Number = 2359197.5, Delta T = 15.19 sec
Ecliptic obliquity = 23°28'29, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'38, Lahiri = 20°19'38Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

APRIL 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 48	10♈52'33	23♐21	29♈ 8	24♒29	18°R27	15♑51	24°R20	12♒28	18♋11	26°R33	4°R46	3♓34	28♉53	6°R 8	S 1
S 2	12 39 45	11°51'37	7♑30	0♉29	25°29	18♏23	15°57	24♎16	12°30	18°11	26♏32	4°D45	3°31	29° 0	6♍ 5	S 2
M 3	12 43 41	12°50'39	21°20	1°45	26°30	18°18	16° 3	24°11	12°32	18°11	26°31	4♓45	3°28	29° 7	6° 1	M 3
T 4	12 47 38	13°49'39	4♒51	2°55	27°32	18°12	16° 9	24° 7	12°34	18°12	26°30	4°46	3°24	29°13	5°58	T 4
W 5	12 51 34	14°48'37	18° 6	4° 0	28°33	18° 5	16°14	24° 2	12°36	18°12	26°29	4°48	3°21	29°20	5°55	W 5
T 6	12 55 31	15°47'34	1♓ 5	4°58	29°35	17°57	16°20	23°58	12°38	18°12	26°28	4°R49	3°18	29°27	5°52	T 6
F 7	12 59 27	16°46'29	13°51	5°50	0♓37	17°49	16°25	23°53	12°40	18°12	26°27	4°48	3°15	29°34	5°49	F 7
S 8	13 3 24	17°45'22	26°26	6°36	1°40	17°40	16°30	23°49	12°42	18°13	26°26	4°46	3°12	29°40	5°46	S 8
S 9	13 7 20	18°44'13	8♈50	7°16	2°42	17°30	16°35	23°44	12°44	18°13	26°25	4°42	3° 9	29°47	5°44	S 9
M10	13 11 17	19°43'02	21° 5	7°49	3°45	17°19	16°40	23°40	12°46	18°13	26°23	4°35	3° 5	29°54	5°41	M10
T 11	13 15 14	20°41'49	3♉12	8°16	4°49	17° 8	16°44	23°35	12°48	18°14	26°22	4°27	3° 2	0♊ 0	5°38	T 11
W12	13 19 10	21°40'34	15°13	8°36	5°52	16°56	16°49	23°30	12°49	18°14	26°21	4°18	2°59	0° 7	5°36	W12
T 13	13 23 7	22°39'17	27° 8	8°50	6°56	16°43	16°53	23°26	12°51	18°15	26°19	4° 9	2°56	0°14	5°34	T 13
F 14	13 27 3	23°37'58	9♊ 0	8°58	8° 0	16°29	16°57	23°21	12°53	18°15	26°18	4° 1	2°53	0°21	5°31	F 14
S 15	13 31 0	24°36'36	20°51	9°R 0	9° 4	16°15	17° 1	23°17	12°54	18°16	26°17	3°54	2°49	0°27	5°29	S 15
S 16	13 34 56	25°35'13	2♋46	8°55	10° 8	16° 0	17° 4	23°12	12°56	18°16	26°16	3°49	2°46	0°34	5°27	S 16
M17	13 38 53	26°33'47	14°47	8°46	11°13	15°45	17° 8	23° 7	12°58	18°17	26°14	3°46	2°43	0°41	5°25	M17
T 18	13 42 49	27°32'20	27° 0	8°30	12°18	15°28	17°11	23° 3	12°59	18°17	26°13	3°D45	2°40	0°48	5°24	T 18
W19	13 46 46	28°30'50	9♌29	8°10	13°23	15°12	17°14	22°58	13° 0	18°18	26°11	3°46	2°37	0°54	5°22	W19
T 20	13 50 43	29°29'18	22°20	7°45	14°28	14°54	17°17	22°54	13° 2	18°19	26°10	3°47	2°34	1° 1	5°20	T 20
F 21	13 54 39	0♉27'43	5♍36	7°16	15°33	14°36	17°20	22°49	13° 3	18°19	26° 9	3°R47	2°30	1° 8	5°19	F 21
S 22	13 58 36	1°26'07	19°19	6°44	16°38	14°18	17°23	22°45	13° 5	18°20	26° 7	3°46	2°27	1°14	5°17	S 22
S 23	14 2 32	2°24'28	3♎32	6° 8	17°44	13°59	17°25	22°40	13° 6	18°21	26° 6	3°43	2°24	1°21	5°16	S 23
M24	14 6 29	3°22'47	18°10	5°31	18°50	13°39	17°27	22°36	13° 7	18°22	26° 4	3°37	2°21	1°28	5°15	M24
T 25	14 10 25	4°21'05	3♏ 9	4°52	19°56	13°20	17°29	22°31	13° 8	18°23	26° 3	3°30	2°18	1°35	5°14	T 25
W26	14 14 22	5°19'21	18°19	4°13	21° 2	12°59	17°31	22°27	13° 9	18°23	26° 1	3°21	2°15	1°41	5°13	W26
T 27	14 18 18	6°17'35	3♐30	3°33	22° 8	12°39	17°33	22°22	13°10	18°24	26° 0	3°11	2°11	1°48	5°12	T 27
F 28	14 22 15	7°15'47	18°32	2°54	23°15	12°18	17°34	22°18	13°11	18°25	25°58	3° 3	2° 8	1°55	5°11	F 28
S 29	14 26 12	8°13'59	3♑16	2°17	24°22	11°57	17°36	22°14	13°12	18°26	25°56	2°57	2° 5	2° 2	5°11	S 29
S 30	14 30 8	9♉12'08	17♑37	1♉42	25♓28	11♏35	17♑37	22♎ 9	13♒13	18♋27	25♏55	2♓53	2♓ 2	2♊ 8	5♍10	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n19	28s13	4s55	13n 5	2n 2	12s22	1n 5	15s49	1n36	22s28	0n 4	6s52	2n47	17s42	0s38	21n39	0s35	5s49	13n57	9s47	10s13	24n56	3n55	5s46
S 2	4 42	27 37	4 22	13 43	2 12	12 7	0 59	15 49	1 35	22 27	0 4	6 50	2 47	17 41	0 38	21 39	0 35	5 49	13 57	9 47	10 14	24 58	3 57	5 45
M 3	5 5	25 18	3 34	14 19	2 21	11 52	0 53	15 48	1 33	22 27	0 4	6 49	2 47	17 41	0 38	21 39	0 35	5 48	13 58	9 47	10 15	25 0	3 58	5 45
T 4	5 28	21 36	2 36	14 51	2 30	11 37	0 47	15 48	1 32	22 26	0 4	6 47	2 47	17 40	0 38	21 40	0 35	5 48	13 58	9 46	10 16	25 1	4 0	5 44
W 5	5 51	16 51	1 30	15 21	2 38	11 21	0 41	15 47	1 31	22 25	0 4	6 45	2 47	17 40	0 38	21 40	0 35	5 47	13 58	9 46	10 17	25 3	4 2	5 43
T 6	6 13	11 25	0 20	15 47	2 45	11 5	0 35	15 46	1 29	22 25	0 4	6 43	2 47	17 39	0 38	21 40	0 35	5 47	13 58	9 46	10 19	25 4	4 4	5 42
F 7	6 36	5 37	0n49	16 10	2 51	10 49	0 30	15 45	1 28	22 24	0 4	6 42	2 47	17 39	0 38	21 40	0 35	5 46	13 59	9 46	10 20	25 6	4 5	5 42
S 8	6 59	0n19	1 54	16 30	2 56	10 32	0 24	15 44	1 27	22 24	0 3	6 40	2 47	17 38	0 38	21 40	0 35	5 46	13 59	9 47	10 21	25 7	4 7	5 41
S 9	7 21	6 10	2 53	16 47	3 0	10 14	0 18	15 43	1 25	22 23	0 3	6 38	2 47	17 38	0 38	21 39	0 35	5 45	13 59	9 48	10 22	25 9	4 9	5 40
M10	7 43	11 41	3 43	17 0	3 2	9 57	0 13	15 42	1 24	22 23	0 3	6 37	2 47	17 37	0 38	21 39	0 35	5 45	13 59	9 50	10 23	25 10	4 10	5 40
T 11	8 6	16 43	4 23	17 11	3 4	9 38	0 8	15 40	1 22	22 22	0 3	6 35	2 47	17 37	0 38	21 39	0 35	5 44	14 0	9 53	10 24	25 12	4 12	5 39
W12	8 28	21 2	4 50	17 17	3 4	9 20	0 3	15 38	1 20	22 22	0 3	6 33	2 47	17 36	0 38	21 39	0 35	5 44	14 0	9 57	10 25	25 13	4 14	5 38
T 13	8 50	24 29	5 4	17 21	3 3	9 1	0s 3	15 36	1 19	22 22	0 3	6 32	2 47	17 36	0 38	21 39	0 35	5 43	14 0	10 0	10 27	25 15	4 15	5 37
F 14	9 11	26 51	5 5	17 21	3 0	8 42	0 8	15 34	1 17	22 21	0 3	6 30	2 47	17 35	0 38	21 39	0 35	5 43	14 0	10 3	10 28	25 16	4 17	5 37
S 15	9 33	28 2	4 53	17 18	2 57	8 23	0 13	15 32	1 15	22 21	0 3	6 28	2 47	17 35	0 38	21 39	0 35	5 42	14 0	10 6	10 29	25 18	4 18	5 36
S 16	9 54	27 55	4 29	17 12	2 51	8 3	0 17	15 29	1 13	22 20	0 3	6 26	2 47	17 34	0 39	21 39	0 35	5 42	14 1	10 7	10 30	25 19	4 20	5 35
M17	10 16	26 30	3 52	17 2	2 45	7 43	0 22	15 27	1 11	22 20	0 2	6 25	2 47	17 34	0 39	21 39	0 35	5 42	14 1	10 8	10 31	25 21	4 21	5 34
T 18	10 37	23 48	3 4	16 50	2 37	7 22	0 27	15 24	1 9	22 20	0 2	6 23	2 47	17 34	0 39	21 39	0 35	5 41	14 1	10 9	10 32	25 22	4 22	5 34
W19	10 58	19 56	2 6	16 34	2 27	7 1	0 31	15 21	1 7	22 19	0 2	6 21	2 47	17 33	0 39	21 39	0 35	5 41	14 1	10 9	10 34	25 24	4 24	5 33
T 20	11 18	15 3	1 1	16 16	2 16	6 40	0 36	15 18	1 5	22 19	0 2	6 20	2 47	17 33	0 39	21 39	0 34	5 40	14 1	10 8	10 35	25 25	4 25	5 32
F 21	11 39	9 19	0s10	15 55	2 4	6 19	0 40	15 15	1 3	22 19	0 2	6 18	2 47	17 32	0 39	21 39	0 34	5 40	14 1	10 8	10 36	25 27	4 26	5 31
S 22	11 59	2 58	1 22	15 32	1 51	5 57	0 44	15 11	1 0	22 19	0 2	6 17	2 47	17 32	0 39	21 39	0 34	5 39	14 2	10 8	10 37	25 28	4 28	5 30
S 23	12 20	3s44	2 32	15 7	1 37	5 35	0 48	15 8	0 58	22 19	0 2	6 15	2 47	17 32	0 39	21 39	0 34	5 39	14 2	10 10	10 38	25 30	4 29	5 30
M24	12 40	10 26	3 34	14 40	1 22	5 13	0 52	15 4	0 56	22 18	0 2	6 13	2 47	17 31	0 39	21 39	0 34	5 38	14 2	10 12	10 39	25 31	4 30	5 29
T 25	12 59	16 41	4 22	14 12	1 6	4 51	0 56	15 1	0 54	22 18	0 2	6 12	2 47	17 31	0 39	21 39	0 34	5 38	14 2	10 14	10 40	25 32	4 31	5 28
W26	13 19	22 0	4 53	13 43	0 50	4 28	1 0	14 57	0 51	22 18	0 1	6 10	2 47	17 31	0 39	21 39	0 34	5 37	14 2	10 18	10 41	25 34	4 32	5 27
T 27	13 38	25 51	5 3	13 14	0 33	4 5	1 3	14 53	0 49	22 18	0 1	6 9	2 47	17 31	0 39	21 38	0 34	5 37	14 2	10 21	10 43	25 35	4 33	5 26
F 28	13 57	27 50	4 52	12 45	0 16	3 42	1 7	14 49	0 46	22 18	0 1	6 7	2 46	17 30	0 39	21 38	0 34	5 37	14 2	10 24	10 44	25 37	4 34	5 25
S 29	14 16	27 48	4 22	12 15	0s 2	3 19	1 10	14 45	0 44	22 18	0 1	6 6	2 46	17 30	0 39	21 38	0 34	5 36	14 2	10 26	10 45	25 38	4 35	5 25
S 30	14n35	25s53	3s36	11n47	0s19	2s56	1s14	14s41	0n41	22s18	0n 1	6s 4	2n46	17s30	0s39	21n38	0s34	5s36	14n 2	10s28	10s46	25n39	4n36	5s24

Julian Day Number = 2359228.5, Delta T = 15.21 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'42, Lahiri = 20°19'42Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

MAY 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 5	10♉10'16	1♒32	1°R 9	26♓35	11°R13	17♑38	22°R 5	13♒14	18♋28	25°R53	2°R51	1♓59	2♊15	5°R10	M 1
T 2	14 38 1	11° 8'23	15° 2	0♉39	27°42	10♏52	17°39	22♎ 1	13°15	18°29	25♏52	2°D50	1°55	2°22	5♍10	T 2
W 3	14 41 58	12° 6'28	28° 9	0°13	28°50	10°30	17°39	21°57	13°16	18°30	25°50	2°R51	1°52	2°28	5°10	W 3
T 4	14 45 54	13° 4'32	10♓57	29♈50	29°57	10° 8	17°40	21°52	13°17	18°32	25°49	2♓51	1°49	2°35	5°D10	T 4
F 5	14 49 51	14° 2'34	23°30	29°32	1♈ 4	9°46	17°40	21°48	13°17	18°33	25°47	2°49	1°46	2°42	5°10	F 5
S 6	14 53 47	15° 0'35	5♈50	29°18	2°12	9°24	17°R40	21°44	13°18	18°34	25°45	2°45	1°43	2°49	5°10	S 6
S 7	14 57 44	15°58'35	18° 1	29° 9	3°20	9° 2	17°40	21°40	13°19	18°35	25°44	2°38	1°40	2°55	5°10	S 7
M 8	15 1 41	16°56'33	0♉ 5	29° 4	4°27	8°40	17°39	21°36	13°19	18°36	25°42	2°28	1°36	3° 2	5°11	M 8
T 9	15 5 37	17°54'29	12° 4	29°D 4	5°35	8°18	17°39	21°33	13°20	18°38	25°40	2°16	1°33	3° 9	5°11	T 9
W10	15 9 34	18°52'24	23°58	29° 8	6°43	7°57	17°38	21°29	13°20	18°39	25°39	2° 2	1°30	3°15	5°12	W10
T 11	15 13 30	19°50'18	5♊51	29°17	7°51	7°35	17°37	21°25	13°20	18°40	25°37	1°49	1°27	3°22	5°12	T 11
F 12	15 17 27	20°48'10	17°43	29°31	8°59	7°15	17°36	21°21	13°21	18°42	25°36	1°36	1°24	3°29	5°13	F 12
S 13	15 21 23	21°46'01	29°35	29°49	10° 8	6°54	17°34	21°18	13°21	18°43	25°34	1°25	1°21	3°36	5°14	S 13
S 14	15 25 20	22°43'50	11♋31	0♉11	11°16	6°34	17°33	21°14	13°21	18°44	25°32	1°16	1°17	3°42	5°15	S 14
M15	15 29 16	23°41'37	23°33	0°38	12°25	6°14	17°31	21°10	13°21	18°46	25°31	1°11	1°14	3°49	5°17	M15
T 16	15 33 13	24°39'23	5♌45	1° 9	13°33	5°55	17°29	21° 7	13°22	18°47	25°29	1° 8	1°11	3°56	5°18	T 16
W17	15 37 10	25°37'07	18°12	1°44	14°42	5°36	17°27	21° 4	13°22	18°49	25°27	1° 7	1° 8	4° 3	5°20	W17
T 18	15 41 6	26°34'49	0♍58	2°23	15°50	5°18	17°25	21° 0	13°R22	18°50	25°26	1° 7	1° 5	4° 9	5°21	T 18
F 19	15 45 3	27°32'30	14° 8	3° 5	16°59	5° 0	17°23	20°57	13°22	18°52	25°24	1° 6	1° 1	4°16	5°23	F 19
S 20	15 48 59	28°30'09	27°46	3°52	18° 8	4°43	17°20	20°54	13°22	18°53	25°22	1° 5	0°58	4°23	5°25	S 20
S 21	15 52 56	29°27'46	11♎53	4°41	19°17	4°27	17°17	20°51	13°22	18°55	25°21	1° 1	0°55	4°29	5°26	S 21
M22	15 56 52	0♊25'22	26°28	5°35	20°26	4°11	17°14	20°48	13°21	18°56	25°19	0°54	0°52	4°36	5°28	M22
T 23	16 0 49	1°22'57	11♏27	6°32	21°35	3°56	17°11	20°45	13°21	18°58	25°17	0°45	0°49	4°43	5°31	T 23
W24	16 4 45	2°20'30	26°43	7°31	22°44	3°42	17° 8	20°42	13°21	19° 0	25°16	0°35	0°46	4°50	5°33	W24
T 25	16 8 42	3°18'03	12♐ 4	8°35	23°54	3°28	17° 4	20°39	13°21	19° 1	25°14	0°24	0°42	4°56	5°35	T 25
F 26	16 12 39	4°15'34	27°18	9°41	25° 3	3°15	17° 1	20°37	13°20	19° 3	25°12	0°14	0°39	5° 3	5°38	F 26
S 27	16 16 35	5°13'04	12♑16	10°50	26°13	3° 3	16°57	20°34	13°20	19° 5	25°11	0° 6	0°36	5°10	5°40	S 27
S 28	16 20 32	6°10'34	26°49	12° 3	27°22	2°51	16°53	20°31	13°20	19° 6	25° 9	0° 1	0°33	5°17	5°43	S 28
M29	16 24 28	7° 8'02	10♒54	13°18	28°32	2°41	16°49	20°29	13°19	19° 8	25° 7	29♒58	0°30	5°23	5°46	M29
T 30	16 28 25	8° 5'30	24°30	14°36	29°41	2°31	16°44	20°27	13°19	19°10	25° 6	29°57	0°27	5°30	5°48	T 30
W31	16 32 21	9♊ 2'57	7♓40	15♉57	0♉51	2♏22	16♑40	20♎24	13♒18	19♋12	25♏ 4	29♒57	0♓23	5♊37	5♍51	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n53	22s25	2s38	11n20	0s36	2s32	1s17	14s36	0n39	22s18	0n 1	6s 3	2n46	17s30	0s39	21n38	0s34	5s35	14n 3	10s28	10s47	25n41	4n37	5s23
T 2	15 12	17 50	1 33	10 54	0 52	2 8	1 20	14 32	0 36	22 18	0 1	6 1	2 46	17 29	0 39	21 38	0 34	5 35	14 3	10 29	10 48	25 42	4 38	5 22
W 3	15 29	12 31	0 25	10 30	1 8	1 44	1 23	14 28	0 33	22 18	0 1	6 0	2 46	17 29	0 39	21 38	0 34	5 35	14 3	10 28	10 49	25 44	4 39	5 21
T 4	15 47	6 48	0n43	10 7	1 24	1 20	1 26	14 23	0 31	22 18	0 0	5 58	2 46	17 29	0 39	21 38	0 34	5 34	14 3	10 28	10 51	25 45	4 40	5 21
F 5	16 5	0 57	1 47	9 47	1 39	0 56	1 29	14 19	0 28	22 18	0 0	5 57	2 46	17 29	0 39	21 38	0 34	5 34	14 3	10 29	10 52	25 46	4 40	5 20
S 6	16 22	4n51	2 45	9 29	1 52	0 31	1 31	14 15	0 25	22 18	0 0	5 55	2 46	17 29	0 39	21 37	0 34	5 33	14 3	10 31	10 53	25 48	4 41	5 19
S 7	16 39	10 23	3 35	9 14	2 6	0 7	1 34	14 10	0 22	22 18	0 0	5 54	2 46	17 29	0 39	21 37	0 34	5 33	14 3	10 33	10 54	25 49	4 42	5 18
M 8	16 55	15 29	4 14	9 1	2 18	0n18	1 36	14 6	0 20	22 19	0s 0	5 53	2 45	17 29	0 39	21 37	0 34	5 33	14 3	10 37	10 55	25 50	4 42	5 17
T 9	17 12	19 57	4 42	8 50	2 29	0 43	1 39	14 2	0 17	22 19	0 0	5 51	2 45	17 28	0 39	21 37	0 34	5 32	14 3	10 41	10 56	25 52	4 43	5 16
W10	17 28	23 35	4 57	8 42	2 39	1 8	1 41	13 57	0 14	22 19	0 0	5 50	2 45	17 28	0 39	21 37	0 34	5 32	14 3	10 46	10 57	25 53	4 43	5 15
T 11	17 43	26 13	4 59	8 37	2 48	1 33	1 43	13 53	0 11	22 19	0 0	5 49	2 45	17 28	0 39	21 37	0 34	5 32	14 3	10 51	10 59	25 54	4 44	5 15
F 12	17 59	27 41	4 48	8 34	2 57	1 58	1 45	13 49	0 9	22 19	0 1	5 48	2 45	17 28	0 39	21 37	0 34	5 31	14 3	10 55	11 0	25 56	4 44	5 14
S 13	18 14	27 54	4 25	8 33	3 4	2 23	1 47	13 45	0 6	22 20	0 1	5 46	2 45	17 28	0 40	21 36	0 34	5 31	14 3	10 59	11 1	25 57	4 45	5 13
S 14	18 29	26 48	3 50	8 35	3 10	2 48	1 49	13 41	0 3	22 20	0 1	5 45	2 45	17 28	0 40	21 36	0 34	5 31	14 3	11 2	11 2	25 58	4 45	5 12
M15	18 43	24 27	3 4	8 39	3 16	3 13	1 50	13 37	0 0	22 20	0 1	5 44	2 44	17 28	0 40	21 36	0 34	5 30	14 3	11 4	11 3	25 59	4 46	5 11
T 16	18 58	20 57	2 10	8 45	3 20	3 38	1 52	13 33	0s 3	22 21	0 1	5 43	2 44	17 28	0 40	21 36	0 34	5 30	14 3	11 5	11 4	26 1	4 46	5 10
W17	19 12	16 28	1 8	8 54	3 24	4 3	1 53	13 29	0 5	22 21	0 1	5 42	2 44	17 28	0 40	21 36	0 34	5 30	14 2	11 6	11 5	26 2	4 46	5 10
T 18	19 25	11 9	0 1	9 5	3 27	4 29	1 55	13 26	0 8	22 22	0 1	5 41	2 44	17 28	0 40	21 36	0 34	5 29	14 2	11 6	11 6	26 3	4 46	5 9
F 19	19 38	5 12	1s 8	9 17	3 29	4 54	1 56	13 23	0 11	22 22	0 2	5 40	2 44	17 28	0 40	21 35	0 34	5 29	14 2	11 6	11 8	26 4	4 46	5 8
S 20	19 51	1s11	2 16	9 32	3 30	5 19	1 57	13 19	0 13	22 23	0 2	5 39	2 43	17 28	0 40	21 35	0 34	5 29	14 2	11 6	11 9	26 6	4 47	5 7
S 21	20 4	7 44	3 17	9 48	3 30	5 44	1 58	13 16	0 16	22 23	0 2	5 38	2 43	17 28	0 40	21 35	0 34	5 29	14 2	11 8	11 10	26 7	4 47	5 6
M22	20 16	14 5	4 8	10 6	3 29	6 9	1 59	13 14	0 19	22 24	0 2	5 37	2 43	17 28	0 40	21 35	0 34	5 28	14 2	11 10	11 11	26 8	4 47	5 5
T 23	20 28	19 47	4 43	10 26	3 28	6 34	2 0	13 11	0 21	22 24	0 2	5 36	2 43	17 28	0 40	21 35	0 34	5 28	14 2	11 13	11 12	26 9	4 47	5 5
W24	20 40	24 18	4 59	10 48	3 26	6 59	2 1	13 9	0 24	22 25	0 2	5 35	2 43	17 29	0 40	21 34	0 34	5 28	14 2	11 17	11 13	26 11	4 47	5 4
T 25	20 51	27 8	4 54	11 10	3 23	7 24	2 2	13 6	0 27	22 25	0 2	5 34	2 42	17 29	0 40	21 34	0 34	5 28	14 2	11 21	11 14	26 12	4 47	5 3
F 26	21 2	27 54	4 28	11 34	3 20	7 49	2 2	13 4	0 29	22 26	0 3	5 33	2 42	17 29	0 40	21 34	0 34	5 27	14 1	11 24	11 15	26 13	4 46	5 2
S 27	21 12	26 37	3 43	12 0	3 16	8 13	2 3	13 2	0 32	22 27	0 3	5 32	2 42	17 29	0 40	21 34	0 33	5 27	14 1	11 27	11 17	26 14	4 46	5 1
S 28	21 22	23 32	2 45	12 26	3 11	8 38	2 3	13 1	0 34	22 27	0 3	5 32	2 42	17 29	0 40	21 33	0 33	5 27	14 1	11 29	11 18	26 15	4 46	5 1
M29	21 32	19 7	1 39	12 54	3 6	9 3	2 3	12 59	0 36	22 28	0 3	5 31	2 42	17 29	0 40	21 33	0 33	5 27	14 1	11 30	11 19	26 16	4 46	5 0
T 30	21 41	13 50	0 29	13 23	3 0	9 27	2 4	12 58	0 39	22 29	0 3	5 30	2 41	17 29	0 40	21 33	0 33	5 27	14 1	11 30	11 20	26 18	4 46	4 59
W31	21n50	8s 5	0n41	13n52	2s53	9n51	2s 4	12s57	0s41	22s29	0s 3	5s30	2n41	17s30	0s40	21n33	0s33	5s26	14n 1	11s30	11s21	26n19	4n45	4s58

Julian Day Number = 2359258.5, Delta T = 15.24 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'46, Lahiri = 20°19'46Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

JUNE 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 18	10♊ 0'23	20♓26	17♉20	2♉ 1	2°R13	16°R35	20°R22	13°R17	19♋13	25°R 3	29°R57	0♓20	5♊43	5♍55	T 1
F 2	16 40 14	10°57'49	2♈54	18°47	3°11	2♏ 6	16♑30	20♎20	13♒17	19°15	25♏ 1	29♒55	0°17	5°50	5°58	F 2
S 3	16 44 11	11°55'14	15° 8	20°16	4°21	1°59	16°25	20°18	13°16	19°17	25° 0	29°51	0°14	5°57	6° 1	S 3
S 4	16 48 8	12°52'38	27°12	21°48	5°31	1°53	16°20	20°16	13°15	19°19	24°58	29°45	0°11	6° 4	6° 4	S 4
M 5	16 52 4	13°50'02	9♉ 9	23°23	6°41	1°48	16°15	20°14	13°14	19°21	24°56	29°36	0° 7	6°10	6° 8	M 5
T 6	16 56 1	14°47'25	21° 3	25° 0	7°51	1°44	16°10	20°13	13°13	19°23	24°55	29°24	0° 4	6°17	6°12	T 6
W 7	16 59 57	15°44'47	2♊55	26°40	9° 1	1°41	16° 4	20°11	13°13	19°25	24°53	29°11	0° 1	6°24	6°15	W 7
T 8	17 3 54	16°42'09	14°47	28°23	10°11	1°38	15°58	20° 9	13°12	19°26	24°52	28°58	29♒58	6°30	6°19	T 8
F 9	17 7 50	17°39'30	26°40	0♊ 8	11°21	1°37	15°52	20° 8	13°11	19°28	24°50	28°46	29°55	6°37	6°23	F 9
S 10	17 11 47	18°36'50	8♋37	1°56	12°32	1°36	15°47	20° 7	13°10	19°30	24°49	28°35	29°52	6°44	6°27	S 10
S 11	17 15 43	19°34'10	20°38	3°46	13°42	1°D36	15°40	20° 5	13° 9	19°32	24°47	28°27	29°48	6°51	6°31	S 11
M12	17 19 40	20°31'28	2♌46	5°39	14°52	1°36	15°34	20° 4	13° 7	19°34	24°46	28°21	29°45	6°57	6°35	M12
T 13	17 23 37	21°28'46	15° 4	7°34	16° 3	1°38	15°28	20° 3	13° 6	19°36	24°44	28°19	29°42	7° 4	6°40	T 13
W14	17 27 33	22°26'03	27°35	9°32	17°13	1°40	15°22	20° 2	13° 5	19°38	24°43	28°D18	29°39	7°11	6°44	W14
T 15	17 31 30	23°23'19	10♍22	11°32	18°24	1°43	15°15	20° 1	13° 4	19°40	24°42	28°18	29°36	7°18	6°48	T 15
F 16	17 35 26	24°20'35	23°30	13°34	19°35	1°47	15° 8	20° 1	13° 3	19°42	24°40	28°R19	29°33	7°24	6°53	F 16
S 17	17 39 23	25°17'49	7♎ 1	15°38	20°45	1°52	15° 2	20° 0	13° 1	19°44	24°39	28°18	29°29	7°31	6°58	S 17
S 18	17 43 19	26°15'03	20°59	17°44	21°56	1°58	14°55	19°59	13° 0	19°47	24°38	28°16	29°26	7°38	7° 2	S 18
M19	17 47 16	27°12'16	5♏23	19°51	23° 7	2° 4	14°48	19°59	12°58	19°49	24°36	28°11	29°23	7°44	7° 7	M19
T 20	17 51 12	28° 9'29	20°11	22° 0	24°18	2°11	14°41	19°58	12°57	19°51	24°35	28° 4	29°20	7°51	7°12	T 20
W21	17 55 9	29° 6'41	5♐16	24° 9	25°28	2°18	14°34	19°58	12°56	19°53	24°34	27°56	29°17	7°58	7°17	W21
T 22	17 59 6	0♋ 3'53	20°29	26°20	26°39	2°27	14°27	19°58	12°54	19°55	24°32	27°48	29°13	8° 5	7°22	T 22
F 23	18 3 2	1° 1'04	5♑40	28°31	27°50	2°36	14°19	19°D58	12°52	19°57	24°31	27°40	29°10	8°11	7°28	F 23
S 24	18 6 59	1°58'16	20°39	0♋42	29° 1	2°46	14°12	19°58	12°51	19°59	24°30	27°34	29° 7	8°18	7°33	S 24
S 25	18 10 55	2°55'27	5♒17	2°53	0♊12	2°56	14° 5	19°58	12°49	20° 1	24°29	27°30	29° 4	8°25	7°38	S 25
M26	18 14 52	3°52'38	19°28	5° 4	1°23	3° 7	13°57	19°58	12°48	20° 3	24°27	27°28	29° 1	8°32	7°44	M26
T 27	18 18 48	4°49'48	3♓11	7°14	2°35	3°19	13°50	19°59	12°46	20° 6	24°26	27°D28	28°58	8°38	7°49	T 27
W28	18 22 45	5°46'59	16°27	9°23	3°46	3°31	13°42	19°59	12°44	20° 8	24°25	27°28	28°54	8°45	7°55	W28
T 29	18 26 42	6°44'11	29°17	11°32	4°57	3°45	13°35	19°59	12°42	20°10	24°24	27°29	28°51	8°52	8° 0	T 29
F 30	18 30 38	7♋41'22	11♈47	13♋39	6♊ 8	3♏58	13♑27	20♎ 0	12♒41	20♋12	24♏23	27°R30	28♒48	8♊58	8♍ 6	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	2s10	1n46	14n22	2s46	10n15	2s 4	12s57	0s44	22s30	0s 3	5s29	2n41	17s30	0s40	21n33	0s33	5s26	14n 0	11s30	11s22	26n20	4n45	4s57
F 2	22 7	3n41	2 45	14 53	2 39	10 39	2 4	12 56	0 46	22 31	0 4	5 28	2 41	17 30	0 40	21 32	0 33	5 26	14 0	11 31	11 23	26 21	4 44	4 56
S 3	22 15	9 16	3 35	15 25	2 31	11 3	2 4	12 56	0 48	22 31	0 4	5 28	2 41	17 30	0 40	21 32	0 33	5 26	14 0	11 32	11 24	26 22	4 44	4 56
S 4	22 23	14 26	4 14	15 57	2 22	11 26	2 3	12 56	0 50	22 32	0 4	5 27	2 40	17 31	0 40	21 32	0 33	5 26	14 0	11 35	11 26	26 23	4 43	4 55
M 5	22 30	19 1	4 42	16 30	2 13	11 50	2 3	12 56	0 52	22 33	0 4	5 27	2 40	17 31	0 40	21 32	0 33	5 26	14 0	11 38	11 27	26 24	4 43	4 54
T 6	22 36	22 49	4 57	17 2	2 4	12 13	2 2	12 57	0 54	22 34	0 4	5 26	2 40	17 31	0 40	21 31	0 33	5 26	13 59	11 42	11 28	26 26	4 42	4 53
W 7	22 43	25 40	5 0	17 35	1 54	12 36	2 2	12 58	0 57	22 35	0 4	5 26	2 40	17 31	0 40	21 31	0 33	5 25	13 59	11 46	11 29	26 27	4 42	4 53
T 8	22 49	27 24	4 49	18 8	1 44	12 58	2 1	12 59	0 59	22 35	0 4	5 26	2 39	17 32	0 40	21 31	0 33	5 25	13 59	11 51	11 30	26 28	4 41	4 52
F 9	22 54	27 52	4 26	18 41	1 33	13 21	2 1	13 0	1 1	22 36	0 5	5 25	2 39	17 32	0 41	21 31	0 33	5 25	13 59	11 55	11 31	26 29	4 40	4 51
S 10	22 59	27 2	3 51	19 14	1 23	13 43	2 0	13 1	1 3	22 37	0 5	5 25	2 39	17 32	0 41	21 30	0 33	5 25	13 58	11 59	11 32	26 30	4 40	4 50
S 11	23 4	24 57	3 6	19 46	1 12	14 5	1 59	13 3	1 4	22 38	0 5	5 25	2 39	17 33	0 41	21 30	0 33	5 25	13 58	12 2	11 33	26 31	4 39	4 49
M12	23 8	21 42	2 11	20 17	1 1	14 26	1 58	13 5	1 6	22 39	0 5	5 25	2 38	17 33	0 41	21 30	0 33	5 25	13 58	12 4	11 34	26 32	4 38	4 49
T 13	23 12	17 27	1 10	20 47	0 50	14 48	1 57	13 7	1 8	22 40	0 5	5 25	2 38	17 33	0 41	21 30	0 33	5 25	13 57	12 5	11 36	26 33	4 37	4 48
W14	23 15	12 24	0 4	21 17	0 38	15 9	1 56	13 10	1 10	22 41	0 5	5 24	2 38	17 34	0 41	21 29	0 33	5 25	13 57	12 5	11 37	26 34	4 36	4 47
T 15	23 19	6 42	1s 4	21 45	0 27	15 29	1 55	13 13	1 12	22 41	0 5	5 24	2 38	17 34	0 41	21 29	0 33	5 25	13 57	12 5	11 38	26 35	4 35	4 46
F 16	23 21	0 36	2 10	22 12	0 16	15 50	1 54	13 16	1 13	22 42	0 6	5 24	2 37	17 35	0 41	21 29	0 33	5 25	13 57	12 5	11 39	26 36	4 34	4 46
S 17	23 23	5s43	3 11	22 37	0 5	16 10	1 52	13 19	1 15	22 43	0 6	5 24	2 37	17 35	0 41	21 28	0 33	5 25	13 56	12 5	11 40	26 37	4 33	4 45
S 18	23 25	11 57	4 3	23 1	0n 6	16 29	1 51	13 22	1 17	22 44	0 6	5 24	2 37	17 35	0 41	21 28	0 33	5 25	13 56	12 6	11 41	26 38	4 32	4 44
M19	23 27	17 45	4 41	23 22	0 17	16 49	1 50	13 26	1 18	22 45	0 6	5 24	2 37	17 36	0 41	21 28	0 33	5 25	13 56	12 7	11 42	26 39	4 31	4 44
T 20	23 28	22 39	5 1	23 41	0 28	17 8	1 48	13 30	1 20	22 46	0 6	5 24	2 36	17 36	0 41	21 28	0 33	5 25	13 55	12 10	11 43	26 40	4 30	4 43
W21	23 28	26 9	5 2	23 58	0 38	17 26	1 46	13 34	1 22	22 47	0 6	5 25	2 36	17 37	0 41	21 27	0 33	5 25	13 55	12 12	11 45	26 41	4 29	4 42
T 22	23 28	27 48	4 41	24 12	0 47	17 44	1 45	13 38	1 23	22 48	0 6	5 25	2 36	17 37	0 41	21 27	0 33	5 25	13 55	12 15	11 46	26 42	4 28	4 41
F 23	23 28	27 21	4 0	24 24	0 56	18 2	1 43	13 43	1 24	22 49	0 7	5 25	2 36	17 38	0 41	21 27	0 33	5 25	13 54	12 18	11 47	26 43	4 26	4 41
S 24	23 28	24 55	3 4	24 33	1 5	18 19	1 41	13 48	1 26	22 50	0 7	5 25	2 35	17 38	0 41	21 26	0 33	5 25	13 54	12 20	11 48	26 44	4 25	4 40
S 25	23 27	20 51	1 56	24 39	1 12	18 36	1 40	13 52	1 27	22 51	0 7	5 26	2 35	17 39	0 41	21 26	0 33	5 25	13 54	12 22	11 49	26 45	4 24	4 39
M26	23 25	15 41	0 43	24 42	1 20	18 53	1 38	13 58	1 29	22 52	0 7	5 26	2 35	17 39	0 41	21 26	0 33	5 25	13 53	12 22	11 50	26 46	4 22	4 39
T 27	23 23	9 52	0n31	24 43	1 26	19 9	1 36	14 3	1 30	22 52	0 7	5 26	2 34	17 40	0 41	21 26	0 33	5 26	13 53	12 22	11 51	26 47	4 21	4 38
W28	23 21	3 49	1 40	24 40	1 32	19 24	1 34	14 8	1 31	22 53	0 7	5 27	2 34	17 40	0 41	21 25	0 33	5 26	13 52	12 22	11 52	26 48	4 20	4 37
T 29	23 18	2n12	2 43	24 35	1 37	19 39	1 32	14 14	1 32	22 54	0 7	5 27	2 34	17 41	0 41	21 25	0 33	5 26	13 52	12 22	11 53	26 49	4 18	4 37
F 30	23n15	7n58	3n35	24n27	1n41	19n54	1s30	14s20	1s34	22s55	0s 8	5s28	2n34	17s41	0s41	21n25	0s33	5s26	13n52	12s22	11s54	26n50	4n17	4s36

Julian Day Number = 2359289.5, Delta T = 15.26 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'50, Lahiri = 20°19'51Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

JULY 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 35	8♋38'33	24♈ 1	15♋45	7♊20	4♏12	13°R19	20♎ 1	12°R39	20♋14	24°R22	27°R28	28♒45	9♊ 5	8♍12	S 1
S 2	18 38 31	9°35'45	6♉ 4	17°49	8°31	4°27	13♑12	20° 2	12♒37	20°17	24♏21	27♒25	28°42	9°12	8°18	S 2
M 3	18 42 28	10°32'58	17°59	19°52	9°43	4°43	13° 4	20° 3	12°35	20°19	24°20	27°20	28°39	9°19	8°24	M 3
T 4	18 46 24	11°30'10	29°51	21°53	10°54	4°59	12°56	20° 4	12°33	20°21	24°19	27°13	28°35	9°25	8°30	T 4
W 5	18 50 21	12°27'23	11♊43	23°52	12° 6	5°16	12°49	20° 5	12°31	20°23	24°18	27° 5	28°32	9°32	8°36	W 5
T 6	18 54 17	13°24'36	23°36	25°49	13°17	5°33	12°41	20° 6	12°29	20°25	24°17	26°57	28°29	9°39	8°42	T 6
F 7	18 58 14	14°21'49	5♋35	27°45	14°29	5°51	12°33	20° 7	12°27	20°28	24°16	26°49	28°26	9°45	8°49	F 7
S 8	19 2 11	15°19'03	17°39	29°39	15°41	6° 9	12°25	20° 9	12°25	20°30	24°15	26°42	28°23	9°52	8°55	S 8
S 9	19 6 7	16°16'17	29°50	1♌30	16°52	6°28	12°18	20°10	12°23	20°32	24°14	26°38	28°19	9°59	9° 2	S 9
M10	19 10 4	17°13'31	12♌10	3°20	18° 4	6°47	12°10	20°12	12°21	20°34	24°14	26°35	28°16	10° 6	9° 8	M10
T 11	19 14 0	18°10'45	24°41	5° 8	19°16	7° 7	12° 2	20°13	12°19	20°36	24°13	26°D34	28°13	10°12	9°15	T 11
W12	19 17 57	19° 7'59	7♍24	6°55	20°28	7°28	11°55	20°15	12°17	20°39	24°12	26°34	28°10	10°19	9°21	W12
T 13	19 21 53	20° 5'13	20°21	8°39	21°40	7°49	11°47	20°17	12°15	20°41	24°11	26°35	28° 7	10°26	9°28	T 13
F 14	19 25 50	21° 2'28	3♎35	10°21	22°52	8°10	11°40	20°19	12°13	20°43	24°10	26°37	28° 4	10°33	9°35	F 14
S 15	19 29 46	21°59'42	17° 7	12° 1	24° 4	8°32	11°32	20°21	12°10	20°45	24°10	26°R38	28° 0	10°39	9°42	S 15
S 16	19 33 43	22°56'57	1♏ 0	13°40	25°16	8°55	11°25	20°23	12° 8	20°48	24° 9	26°38	27°57	10°46	9°48	S 16
M17	19 37 40	23°54'12	15°12	15°17	26°28	9°17	11°17	20°25	12° 6	20°50	24° 9	26°36	27°54	10°53	9°55	M17
T 18	19 41 36	24°51'27	29°43	16°51	27°40	9°41	11°10	20°28	12° 4	20°52	24° 8	26°33	27°51	10°59	10° 2	T 18
W19	19 45 33	25°48'43	14♐28	18°24	28°52	10° 4	11° 3	20°30	12° 1	20°54	24° 7	26°29	27°48	11° 6	10°10	W19
T 20	19 49 29	26°45'59	29°21	19°55	0♋ 4	10°29	10°56	20°33	11°59	20°57	24° 7	26°25	27°45	11°13	10°17	T 20
F 21	19 53 26	27°43'15	14♑14	21°24	1°17	10°53	10°48	20°35	11°57	20°59	24° 6	26°21	27°41	11°20	10°24	F 21
S 22	19 57 22	28°40'32	28°59	22°51	2°29	11°18	10°41	20°38	11°55	21° 1	24° 6	26°18	27°38	11°26	10°31	S 22
S 23	20 1 19	29°37'50	13♒28	24°16	3°41	11°44	10°34	20°41	11°52	21° 3	24° 5	26°17	27°35	11°33	10°38	S 23
M24	20 5 16	0♌35'08	27°36	25°39	4°54	12° 9	10°28	20°44	11°50	21° 5	24° 5	26°D16	27°32	11°40	10°46	M24
T 25	20 9 12	1°32'27	11♓20	27° 0	6° 6	12°36	10°21	20°47	11°48	21° 8	24° 5	26°17	27°29	11°46	10°53	T 25
W26	20 13 9	2°29'47	24°38	28°19	7°19	13° 2	10°14	20°50	11°45	21°10	24° 4	26°18	27°25	11°53	11° 1	W26
T 27	20 17 5	3°27'08	7♈33	29°36	8°31	13°29	10° 8	20°53	11°43	21°12	24° 4	26°20	27°22	12° 0	11° 8	T 27
F 28	20 21 2	4°24'30	20° 7	0♍50	9°44	13°56	10° 1	20°56	11°41	21°14	24° 4	26°21	27°19	12° 7	11°16	F 28
S 29	20 24 58	5°21'53	2♉24	2° 3	10°56	14°24	9°55	21° 0	11°38	21°16	24° 4	26°R22	27°16	12°13	11°23	S 29
S 30	20 28 55	6°19'18	14°28	3°13	12° 9	14°52	9°49	21° 3	11°36	21°18	24° 3	26°21	27°13	12°20	11°31	S 30
M31	20 32 51	7♌16'43	26♉24	4♍21	13♋22	15♏20	9♑43	21♎ 7	11♒33	21♋21	24♏ 3	26♒20	27♒10	12♊27	11♍39	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n12	13n19	4n17	24n17	1n45	20n 8	1s27	14s26	1s35	22s56	0s 8	5s28	2n33	17s42	0s41	21n24	0s33	5s26	13n51	12s22	11s56	26n51	4n15	4s35	S 1
S 2	23 8	18 4	4 47	24 4	1 48	20 21	1 25	14 32	1 36	22 57	0 8	5 29	2 33	17 42	0 41	21 24	0 33	5 26	13 51	12 23	11 57	26 52	4 13	4 35	S 2
M 3	23 3	22 4	5 3	23 49	1 50	20 34	1 23	14 38	1 37	22 58	0 8	5 29	2 33	17 43	0 41	21 24	0 33	5 26	13 50	12 25	11 58	26 52	4 12	4 34	M 3
T 4	22 59	25 9	5 7	23 31	1 51	20 47	1 21	14 45	1 38	22 59	0 8	5 30	2 33	17 43	0 41	21 23	0 33	5 27	13 50	12 27	11 59	26 53	4 10	4 33	T 4
W 5	22 53	27 8	4 58	23 12	1 52	20 59	1 18	14 51	1 39	23 0	0 8	5 30	2 32	17 44	0 41	21 23	0 33	5 27	13 49	12 30	12 0	26 54	4 8	4 33	W 5
T 6	22 48	27 54	4 35	22 51	1 52	21 10	1 16	14 58	1 40	23 1	0 9	5 31	2 32	17 45	0 41	21 23	0 33	5 27	13 49	12 33	12 1	26 55	4 7	4 32	T 6
F 7	22 42	27 22	4 1	22 27	1 51	21 21	1 14	15 5	1 41	23 1	0 9	5 32	2 32	17 45	0 41	21 22	0 33	5 27	13 49	12 36	12 2	26 56	4 5	4 31	F 7
S 8	22 36	25 32	3 15	22 3	1 50	21 31	1 11	15 12	1 42	23 2	0 9	5 33	2 32	17 46	0 41	21 22	0 33	5 27	13 48	12 38	12 3	26 57	4 3	4 31	S 8
S 9	22 29	22 29	2 20	21 36	1 48	21 41	1 9	15 19	1 43	23 3	0 9	5 33	2 31	17 46	0 41	21 22	0 33	5 28	13 48	12 39	12 4	26 58	4 1	4 30	S 9
M10	22 22	18 24	1 17	21 9	1 45	21 50	1 6	15 27	1 44	23 4	0 9	5 34	2 31	17 47	0 41	21 21	0 33	5 28	13 47	12 40	12 6	26 59	4 0	4 29	M10
T 11	22 14	13 28	0 10	20 40	1 42	21 59	1 4	15 34	1 45	23 5	0 9	5 35	2 31	17 48	0 41	21 21	0 33	5 28	13 47	12 41	12 7	26 59	3 58	4 29	T 11
W12	22 6	7 54	0s59	20 9	1 38	22 7	1 1	15 42	1 46	23 6	0 9	5 36	2 31	17 48	0 41	21 21	0 33	5 28	13 46	12 41	12 8	27 0	3 56	4 28	W12
T 13	21 58	1 54	2 6	19 38	1 34	22 14	0 59	15 49	1 47	23 6	0 9	5 37	2 30	17 49	0 41	21 20	0 33	5 29	13 46	12 40	12 9	27 1	3 54	4 28	T 13
F 14	21 50	4s18	3 8	19 6	1 29	22 21	0 56	15 57	1 48	23 7	0 10	5 38	2 30	17 49	0 41	21 20	0 33	5 29	13 45	12 40	12 10	27 2	3 52	4 27	F 14
S 15	21 41	10 27	4 1	18 33	1 24	22 27	0 53	16 5	1 49	23 8	0 10	5 39	2 30	17 50	0 41	21 20	0 33	5 29	13 45	12 39	12 11	27 3	3 50	4 27	S 15
S 16	21 31	16 14	4 42	18 0	1 18	22 33	0 51	16 13	1 50	23 9	0 10	5 40	2 29	17 51	0 41	21 20	0 33	5 30	13 44	12 39	12 12	27 3	3 48	4 26	S 16
M17	21 21	21 17	5 6	17 25	1 12	22 37	0 48	16 21	1 50	23 10	0 10	5 41	2 29	17 51	0 42	21 19	0 33	5 30	13 44	12 40	12 13	27 4	3 46	4 25	M17
T 18	21 11	25 11	5 12	16 51	1 5	22 42	0 45	16 29	1 51	23 10	0 10	5 42	2 29	17 52	0 42	21 19	0 33	5 30	13 44	12 41	12 14	27 5	3 44	4 25	T 18
W19	21 1	27 29	4 57	16 15	0 58	22 45	0 43	16 38	1 52	23 11	0 10	5 43	2 29	17 53	0 42	21 19	0 33	5 31	13 43	12 42	12 15	27 6	3 41	4 24	W19
T 20	20 50	27 51	4 22	15 40	0 51	22 48	0 40	16 46	1 52	23 12	0 10	5 45	2 28	17 53	0 42	21 18	0 33	5 31	13 43	12 44	12 17	27 7	3 39	4 24	T 20
F 21	20 39	26 11	3 30	15 4	0 43	22 51	0 37	16 54	1 53	23 13	0 11	5 46	2 28	17 54	0 42	21 18	0 33	5 31	13 42	12 45	12 18	27 7	3 37	4 23	F 21
S 22	20 27	22 44	2 24	14 28	0 35	22 52	0 35	17 3	1 54	23 13	0 11	5 47	2 28	17 55	0 42	21 18	0 33	5 32	13 42	12 46	12 19	27 8	3 35	4 23	S 22
S 23	20 15	17 55	1 10	13 52	0 26	22 54	0 32	17 11	1 54	23 14	0 11	5 48	2 28	17 55	0 42	21 17	0 33	5 32	13 41	12 47	12 20	27 9	3 33	4 22	S 23
M24	20 3	12 13	0n 7	13 16	0 17	22 54	0 29	17 20	1 55	23 15	0 11	5 50	2 27	17 56	0 42	21 17	0 33	5 33	13 41	12 47	12 21	27 10	3 30	4 22	M24
T 25	19 51	6 4	1 22	12 40	0 8	22 54	0 26	17 29	1 56	23 15	0 11	5 51	2 27	17 57	0 42	21 17	0 33	5 33	13 40	12 47	12 22	27 10	3 28	4 21	T 25
W26	19 38	0n 9	2 30	12 3	0s 1	22 53	0 24	17 37	1 56	23 16	0 11	5 52	2 27	17 57	0 42	21 16	0 33	5 33	13 40	12 46	12 23	27 11	3 26	4 20	W26
T 27	19 25	6 11	3 28	11 28	0 11	22 51	0 21	17 46	1 57	23 17	0 11	5 54	2 27	17 58	0 42	21 16	0 33	5 34	13 39	12 46	12 24	27 12	3 23	4 20	T 27
F 28	19 11	11 48	4 14	10 52	0 21	22 49	0 18	17 55	1 57	23 17	0 11	5 55	2 26	17 59	0 42	21 16	0 33	5 34	13 39	12 45	12 25	27 12	3 21	4 19	F 28
S 29	18 57	16 49	4 48	10 17	0 31	22 46	0 15	18 3	1 58	23 18	0 12	5 57	2 26	17 59	0 42	21 15	0 33	5 35	13 38	12 45	12 26	27 13	3 19	4 19	S 29
S 30	18 43	21 6	5 8	9 42	0 42	22 43	0 13	18 12	1 58	23 18	0 12	5 58	2 26	18 0	0 42	21 15	0 33	5 35	13 38	12 45	12 27	27 14	3 16	4 18	S 30
M31	18n29	24n28	5n15	9n 7	0s52	22n38	0s10	18s21	1s59	23s19	0s12	6s 0	2n26	18s 1	0s42	21n15	0s33	5s36	13n37	12s45	12s29	27n14	3n14	4s18	M31

Julian Day Number = 2359319.5, Delta T = 15.28 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'54, Lahiri = 20°19'55Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

AUGUST 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 48	8♌14'10	8♊16	5♍26	14♋34	15♏49	9°R37	21♎10	11°R31	21♋23	24°R 3	26°R18	27♒ 6	12♊33	11♍47	T 1
W 2	20 40 45	9°11'38	20° 9	6°29	15°47	16°18	9♑31	21°14	11♒29	21°25	24♏ 3	26♒16	27° 3	12°40	11°54	W 2
T 3	20 44 41	10° 9'08	2♋ 6	7°29	17° 0	16°47	9°25	21°18	11°26	21°27	24° 3	26°14	27° 0	12°47	12° 2	T 3
F 4	20 48 38	11° 6'38	14°10	8°26	18°13	17°17	9°20	21°21	11°24	21°29	24° 3	26°11	26°57	12°54	12°10	F 4
S 5	20 52 34	12° 4'10	26°23	9°20	19°26	17°47	9°14	21°25	11°21	21°31	24°D 3	26° 9	26°54	13° 0	12°18	S 5
S 6	20 56 31	13° 1'43	8♌47	10°12	20°39	18°17	9° 9	21°29	11°19	21°33	24° 3	26° 8	26°51	13° 7	12°26	S 6
M 7	21 0 27	13°59'16	21°24	11° 0	21°52	18°48	9° 4	21°33	11°17	21°36	24° 3	26°D 8	26°47	13°14	12°34	M 7
T 8	21 4 24	14°56'51	4♍14	11°44	23° 5	19°19	8°59	21°38	11°14	21°38	24° 3	26° 8	26°44	13°21	12°42	T 8
W 9	21 8 20	15°54'27	17°16	12°26	24°18	19°50	8°54	21°42	11°12	21°40	24° 3	26° 8	26°41	13°27	12°50	W 9
T 10	21 12 17	16°52'04	0♎33	13° 3	25°31	20°22	8°49	21°46	11°10	21°42	24° 3	26° 9	26°38	13°34	12°58	T 10
F 11	21 16 13	17°49'42	14° 3	13°36	26°44	20°54	8°45	21°50	11° 7	21°44	24° 3	26°10	26°35	13°41	13° 7	F 11
S 12	21 20 10	18°47'21	27°46	14° 6	27°58	21°26	8°40	21°55	11° 5	21°46	24° 4	26°10	26°31	13°47	13°15	S 12
S 13	21 24 7	19°45'01	11♏42	14°30	29°11	21°58	8°36	21°59	11° 2	21°48	24° 4	26°11	26°28	13°54	13°23	S 13
M14	21 28 3	20°42'42	25°50	14°51	0♌24	22°31	8°32	22° 4	11° 0	21°50	24° 4	26°R11	26°25	14° 1	13°31	M14
T 15	21 32 0	21°40'24	10♐ 7	15° 6	1°37	23° 4	8°28	22° 9	10°58	21°52	24° 5	26°11	26°22	14° 8	13°40	T 15
W16	21 35 56	22°38'08	24°32	15°16	2°51	23°37	8°25	22°13	10°55	21°54	24° 5	26°10	26°19	14°14	13°48	W16
T 17	21 39 53	23°35'52	8♑59	15°R21	4° 4	24°10	8°21	22°18	10°53	21°56	24° 5	26°10	26°16	14°21	13°56	T 17
F 18	21 43 49	24°33'38	23°26	15°21	5°18	24°44	8°18	22°23	10°51	21°58	24° 6	26°10	26°12	14°28	14° 5	F 18
S 19	21 47 46	25°31'24	7♒45	15°14	6°31	25°18	8°15	22°28	10°48	22° 0	24° 6	26°10	26° 9	14°34	14°13	S 19
S 20	21 51 43	26°29'12	21°54	15° 2	7°45	25°52	8°12	22°33	10°46	22° 2	24° 7	26°10	26° 6	14°41	14°21	S 20
M21	21 55 39	27°27'02	5♓47	14°44	8°58	26°27	8° 9	22°38	10°44	22° 4	24° 7	26°10	26° 3	14°48	14°30	M21
T 22	21 59 36	28°24'53	19°22	14°21	10°12	27° 1	8° 6	22°43	10°42	22° 5	24° 8	26° 9	26° 0	14°55	14°38	T 22
W23	22 3 32	29°22'45	2♈36	13°51	11°26	27°36	8° 4	22°49	10°39	22° 7	24° 8	26° 9	25°56	15° 1	14°47	W23
T 24	22 7 29	0♍20'39	15°30	13°16	12°39	28°11	8° 2	22°54	10°37	22° 9	24° 9	26° 9	25°53	15° 8	14°55	T 24
F 25	22 11 25	1°18'35	28° 5	12°35	13°53	28°47	8° 0	22°59	10°35	22°11	24°10	26° 8	25°50	15°15	15° 4	F 25
S 26	22 15 22	2°16'33	10♉23	11°50	15° 7	29°22	7°58	23° 5	10°33	22°13	24°10	26° 8	25°47	15°21	15°12	S 26
S 27	22 19 18	3°14'33	22°29	11° 0	16°21	29°58	7°56	23°10	10°31	22°15	24°11	26° 7	25°44	15°28	15°21	S 27
M28	22 23 15	4°12'34	4♊26	10° 7	17°34	0♐34	7°55	23°16	10°29	22°16	24°12	26°D 7	25°41	15°35	15°30	M28
T 29	22 27 11	5°10'38	16°19	9°11	18°48	1°10	7°53	23°21	10°26	22°18	24°13	26° 7	25°37	15°42	15°38	T 29
W30	22 31 8	6° 8'43	28°12	8°14	20° 2	1°46	7°52	23°27	10°24	22°20	24°14	26° 8	25°34	15°48	15°47	W30
T 31	22 35 5	7♍ 6'51	10♋11	7♍17	21♌16	2♐23	7♑51	23♎32	10♒22	22♋22	24♏14	26♒ 9	25♒31	15♊55	15♍56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n14	26n47	5n 8	8n33	1s 3	22n33	0s 7	18s30	1s59	23s19	0s12	6s 1	2n26	18s 1	0s42	21n14	0s33	5s36	13n36	12s46	12s30	27n15	3n11	4s18
W 2	17 59	27 54	4 48	8 0	1 14	22 28	0 4	18 39	2 0	23 20	0 12	6 3	2 25	18 2	0 42	21 14	0 33	5 37	13 36	12 47	12 31	27 16	3 9	4 17
T 3	17 44	27 43	4 16	7 28	1 25	22 22	0 2	18 48	2 0	23 20	0 12	6 4	2 25	18 3	0 42	21 14	0 33	5 37	13 35	12 48	12 32	27 16	3 6	4 17
F 4	17 28	26 13	3 31	6 56	1 36	22 15	0n 1	18 57	2 1	23 21	0 12	6 6	2 25	18 3	0 42	21 13	0 33	5 38	13 35	12 48	12 33	27 17	3 4	4 16
S 5	17 12	23 28	2 37	6 25	1 48	22 7	0 4	19 6	2 1	23 21	0 12	6 8	2 25	18 4	0 42	21 13	0 33	5 38	13 34	12 49	12 34	27 18	3 1	4 16
S 6	16 56	19 36	1 34	5 55	1 59	21 59	0 6	19 15	2 1	23 22	0 13	6 10	2 24	18 5	0 42	21 13	0 33	5 39	13 34	12 49	12 35	27 18	2 58	4 15
M 7	16 39	14 48	0 26	5 27	2 10	21 51	0 9	19 24	2 2	23 22	0 13	6 11	2 24	18 5	0 42	21 12	0 33	5 39	13 33	12 50	12 36	27 19	2 56	4 15
T 8	16 23	9 17	0s45	4 59	2 22	21 41	0 12	19 32	2 2	23 23	0 13	6 13	2 24	18 6	0 42	21 12	0 33	5 40	13 33	12 50	12 37	27 20	2 53	4 14
W 9	16 5	3 17	1 54	4 33	2 33	21 31	0 14	19 41	2 3	23 23	0 13	6 15	2 24	18 7	0 42	21 12	0 33	5 40	13 32	12 49	12 38	27 20	2 50	4 14
T 10	15 48	2s57	2 59	4 8	2 44	21 21	0 17	19 50	2 3	23 24	0 13	6 17	2 23	18 7	0 42	21 11	0 33	5 41	13 32	12 49	12 39	27 21	2 48	4 13
F 11	15 31	9 10	3 55	3 45	2 55	21 9	0 19	19 59	2 3	23 24	0 13	6 18	2 23	18 8	0 42	21 11	0 33	5 41	13 31	12 49	12 40	27 21	2 45	4 13
S 12	15 13	15 2	4 39	3 24	3 6	20 57	0 22	20 8	2 3	23 25	0 13	6 20	2 23	18 9	0 42	21 11	0 32	5 42	13 31	12 49	12 42	27 22	2 42	4 13
S 13	14 55	20 13	5 7	3 5	3 17	20 45	0 24	20 17	2 4	23 25	0 13	6 22	2 23	18 9	0 42	21 10	0 32	5 42	13 30	12 49	12 43	27 23	2 39	4 12
M14	14 37	24 22	5 17	2 47	3 28	20 32	0 27	20 25	2 4	23 25	0 13	6 24	2 23	18 10	0 42	21 10	0 32	5 43	13 30	12 49	12 44	27 23	2 37	4 12
T 15	14 18	27 4	5 7	2 32	3 38	20 18	0 29	20 34	2 4	23 26	0 13	6 26	2 22	18 10	0 42	21 10	0 32	5 44	13 29	12 49	12 45	27 24	2 34	4 11
W16	13 59	28 0	4 39	2 19	3 47	20 4	0 32	20 43	2 4	23 26	0 14	6 28	2 22	18 11	0 42	21 9	0 32	5 44	13 29	12 49	12 46	27 24	2 31	4 11
T 17	13 40	27 2	3 53	2 9	3 56	19 49	0 34	20 51	2 5	23 26	0 14	6 30	2 22	18 12	0 42	21 9	0 32	5 45	13 28	12 49	12 47	27 25	2 28	4 11
F 18	13 21	24 15	2 52	2 2	4 4	19 34	0 36	21 0	2 5	23 27	0 14	6 32	2 22	18 12	0 42	21 9	0 32	5 45	13 28	12 49	12 48	27 25	2 25	4 10
S 19	13 2	19 58	1 40	1 57	4 12	19 18	0 39	21 8	2 5	23 27	0 14	6 34	2 22	18 13	0 42	21 8	0 32	5 46	13 27	12 49	12 49	27 26	2 22	4 10
S 20	12 42	14 36	0 24	1 56	4 19	19 1	0 41	21 17	2 5	23 27	0 14	6 36	2 21	18 14	0 42	21 8	0 32	5 47	13 26	12 49	12 50	27 26	2 20	4 10
M21	12 23	8 35	0n53	1 57	4 24	18 44	0 43	21 25	2 5	23 27	0 14	6 38	2 21	18 14	0 42	21 8	0 32	5 47	13 26	12 49	12 51	27 27	2 17	4 9
T 22	12 3	2 18	2 5	2 2	4 29	18 26	0 45	21 33	2 6	23 28	0 14	6 40	2 21	18 15	0 42	21 8	0 32	5 48	13 25	12 49	12 52	27 27	2 14	4 9
W23	11 42	3n55	3 8	2 11	4 32	18 8	0 47	21 42	2 6	23 28	0 14	6 42	2 21	18 15	0 42	21 7	0 32	5 49	13 25	12 49	12 53	27 28	2 11	4 9
T 24	11 22	9 48	4 1	2 23	4 33	17 49	0 49	21 50	2 6	23 28	0 14	6 44	2 21	18 16	0 42	21 7	0 32	5 49	13 24	12 49	12 54	27 28	2 8	4 8
F 25	11 1	15 9	4 40	2 38	4 33	17 30	0 51	21 58	2 6	23 28	0 14	6 46	2 20	18 17	0 42	21 7	0 32	5 50	13 24	12 49	12 56	27 29	2 5	4 8
S 26	10 41	19 46	5 5	2 57	4 32	17 11	0 53	22 6	2 6	23 29	0 15	6 49	2 20	18 17	0 42	21 6	0 32	5 51	13 23	12 50	12 57	27 29	2 2	4 8
S 27	10 20	23 30	5 16	3 19	4 28	16 50	0 55	22 13	2 6	23 29	0 15	6 51	2 20	18 18	0 42	21 6	0 32	5 51	13 23	12 50	12 58	27 30	1 59	4 7
M28	9 59	26 11	5 13	3 44	4 23	16 30	0 57	22 21	2 6	23 29	0 15	6 53	2 20	18 18	0 42	21 6	0 32	5 52	13 22	12 50	12 59	27 30	1 56	4 7
T 29	9 38	27 42	4 57	4 12	4 15	16 9	0 59	22 29	2 6	23 29	0 15	6 55	2 20	18 19	0 42	21 5	0 32	5 53	13 22	12 50	13 0	27 31	1 53	4 7
W30	9 16	27 56	4 28	4 41	4 6	15 47	1 1	22 36	2 6	23 29	0 15	6 57	2 20	18 19	0 42	21 5	0 32	5 53	13 21	12 50	13 1	27 31	1 50	4 6
T 31	8n55	26n52	3n48	5n13	3s55	15n25	1n 3	22s44	2s 6	23s29	0s15	7s 0	2n19	18s20	0s42	21n 5	0s33	5s54	13n21	12s49	13s 2	27n32	1n47	4s 6

Julian Day Number = 2359350.5, Delta T = 15.31 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°12'59, Lahiri = 20°19'59Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

SEPTEMBER 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 1	8♍ 5'00	22♋19	6°R20	22♌30	3♐ 0	7°R51	23♎38	10°R20	22♋23	24♏15	26♒10	25♒28	16♊ 2	16♍ 4	F 1
S 2	22 42 58	9° 3'11	4♌39	5♍26	23°44	3°37	7♑50	23°44	10♒18	22°25	24°16	26°11	25°25	16° 8	16°13	S 2
S 3	22 46 54	10° 1'24	17°15	4°35	24°58	4°14	7°50	23°50	10°16	22°27	24°17	26°12	25°22	16°15	16°22	S 3
M 4	22 50 51	10°59'39	0♍ 8	3°48	26°13	4°51	7°D50	23°56	10°14	22°28	24°18	26°R12	25°18	16°22	16°30	M 4
T 5	22 54 47	11°57'56	13°18	3° 7	27°27	5°29	7°50	24° 2	10°12	22°30	24°19	26°11	25°15	16°29	16°39	T 5
W 6	22 58 44	12°56'14	26°46	2°33	28°41	6° 7	7°50	24° 8	10°11	22°31	24°20	26°10	25°12	16°35	16°48	W 6
T 7	23 2 40	13°54'34	10♎29	2° 7	29°55	6°45	7°50	24°14	10° 9	22°33	24°21	26° 8	25° 9	16°42	16°56	T 7
F 8	23 6 37	14°52'56	24°24	1°49	1♍ 9	7°23	7°51	24°20	10° 7	22°34	24°22	26° 5	25° 6	16°49	17° 5	F 8
S 9	23 10 34	15°51'20	8♏29	1°40	2°24	8° 1	7°52	24°26	10° 5	22°36	24°24	26° 3	25° 2	16°55	17°14	S 9
S 10	23 14 30	16°49'45	22°39	1°D40	3°38	8°40	7°53	24°32	10° 3	22°37	24°25	26° 0	24°59	17° 2	17°23	S 10
M11	23 18 27	17°48'12	6♐52	1°49	4°52	9°18	7°54	24°39	10° 2	22°39	24°26	25°59	24°56	17° 9	17°31	M11
T 12	23 22 23	18°46'41	21° 6	2° 7	6° 7	9°57	7°55	24°45	10° 0	22°40	24°27	25°D59	24°53	17°16	17°40	T 12
W13	23 26 20	19°45'11	5♑16	2°35	7°21	10°36	7°57	24°51	9°58	22°42	24°28	25°59	24°50	17°22	17°49	W13
T 14	23 30 16	20°43'42	19°23	3°11	8°36	11°15	7°59	24°58	9°57	22°43	24°30	26° 1	24°47	17°29	17°58	T 14
F 15	23 34 13	21°42'16	3♒23	3°56	9°50	11°55	8° 1	25° 4	9°55	22°44	24°31	26° 2	24°43	17°36	18° 6	F 15
S 16	23 38 9	22°40'51	17°15	4°50	11° 5	12°34	8° 3	25°11	9°53	22°46	24°32	26° 3	24°40	17°42	18°15	S 16
S 17	23 42 6	23°39'27	0♓57	5°50	12°19	13°14	8° 5	25°17	9°52	22°47	24°34	26°R 3	24°37	17°49	18°24	S 17
M18	23 46 3	24°38'06	14°27	6°58	13°34	13°54	8° 8	25°24	9°50	22°48	24°35	26° 2	24°34	17°56	18°32	M18
T 19	23 49 59	25°36'46	27°43	8°12	14°48	14°33	8°10	25°30	9°49	22°49	24°37	26° 0	24°31	18° 3	18°41	T 19
W20	23 53 56	26°35'28	10♈45	9°32	16° 3	15°13	8°13	25°37	9°47	22°51	24°38	25°55	24°28	18° 9	18°50	W20
T 21	23 57 52	27°34'13	23°31	10°57	17°17	15°54	8°16	25°44	9°46	22°52	24°40	25°50	24°24	18°16	18°59	T 21
F 22	0 1 49	28°32'59	6♉ 1	12°27	18°32	16°34	8°20	25°50	9°45	22°53	24°41	25°45	24°21	18°23	19° 7	F 22
S 23	0 5 45	29°31'48	18°18	14° 0	19°47	17°14	8°23	25°57	9°44	22°54	24°43	25°39	24°18	18°29	19°16	S 23
S 24	0 9 42	0♎30'39	0♊23	15°37	21° 1	17°55	8°27	26° 4	9°42	22°55	24°44	25°35	24°15	18°36	19°25	S 24
M25	0 13 38	1°29'32	12°19	17°16	22°16	18°36	8°31	26°11	9°41	22°56	24°46	25°31	24°12	18°43	19°33	M25
T 26	0 17 35	2°28'28	24°11	18°57	23°31	19°17	8°35	26°17	9°40	22°57	24°48	25°29	24° 8	18°49	19°42	T 26
W27	0 21 32	3°27'26	6♋ 4	20°41	24°46	19°58	8°39	26°24	9°39	22°58	24°49	25°D29	24° 5	18°56	19°50	W27
T 28	0 25 28	4°26'26	18° 1	22°25	26° 1	20°39	8°43	26°31	9°38	22°59	24°51	25°30	24° 2	19° 3	19°59	T 28
F 29	0 29 25	5°25'28	0♌ 9	24°11	27°15	21°20	8°47	26°38	9°37	23° 0	24°53	25°31	23°59	19°10	20° 8	F 29
S 30	0 33 21	6♎24'33	12♌31	25♍57	28♍30	22♐ 2	8♑52	26♎45	9♒36	23♋ 1	24♏54	25♒33	23♒56	19♊16	20♍16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n33	24n32	2n57	5n46	3s42	15n 3	1n 4	22s51	2s 6	23s30	0s15	7s 2	2n19	18s21	0s42	21n 5	0s33	5s55	13n20	12s49	13s 3	27n32	1n44	4s 6
S 2	8 11	21 1	1 56	6 19	3 27	14 40	1 6	22 58	2 6	23 30	0 15	7 4	2 19	18 21	0 42	21 4	0 33	5 55	13 20	12 49	13 4	27 32	1 41	4 5
S 3	7 49	16 28	0 49	6 53	3 11	14 16	1 7	23 5	2 6	23 30	0 15	7 7	2 19	18 22	0 42	21 4	0 33	5 56	13 19	12 48	13 5	27 33	1 37	4 5
M 4	7 27	11 6	0s22	7 26	2 54	13 53	1 9	23 12	2 6	23 30	0 15	7 9	2 19	18 22	0 42	21 4	0 33	5 57	13 19	12 48	13 6	27 33	1 34	4 5
T 5	7 5	5 8	1 33	7 57	2 36	13 29	1 10	23 19	2 6	23 30	0 15	7 11	2 19	18 23	0 42	21 4	0 33	5 58	13 18	12 48	13 7	27 34	1 31	4 5
W 6	6 43	1s10	2 41	8 27	2 17	13 4	1 12	23 26	2 6	23 30	0 15	7 13	2 19	18 23	0 42	21 3	0 33	5 58	13 18	12 49	13 8	27 34	1 28	4 4
T 7	6 20	7 32	3 40	8 54	1 57	12 39	1 13	23 32	2 6	23 30	0 16	7 16	2 18	18 24	0 41	21 3	0 33	5 59	13 17	12 50	13 9	27 34	1 25	4 4
F 8	5 58	13 37	4 28	9 19	1 38	12 14	1 14	23 39	2 6	23 30	0 16	7 18	2 18	18 24	0 41	21 3	0 33	6 0	13 17	12 51	13 11	27 35	1 22	4 4
S 9	5 35	19 5	5 0	9 40	1 19	11 49	1 16	23 45	2 6	23 30	0 16	7 21	2 18	18 25	0 41	21 3	0 33	6 0	13 16	12 51	13 12	27 35	1 19	4 4
S 10	5 12	23 31	5 14	9 58	1 0	11 23	1 17	23 51	2 6	23 30	0 16	7 23	2 18	18 25	0 41	21 2	0 33	6 1	13 16	12 52	13 13	27 35	1 15	4 3
M11	4 50	26 34	5 9	10 12	0 41	10 57	1 18	23 57	2 6	23 30	0 16	7 25	2 18	18 25	0 41	21 2	0 33	6 2	13 15	12 53	13 14	27 36	1 12	4 3
T 12	4 27	27 55	4 45	10 22	0 23	10 30	1 19	24 3	2 6	23 30	0 16	7 28	2 18	18 26	0 41	21 2	0 33	6 3	13 15	12 53	13 15	27 36	1 9	4 3
W13	4 4	27 26	4 4	10 28	0 6	10 3	1 20	24 8	2 5	23 30	0 16	7 30	2 18	18 26	0 41	21 2	0 33	6 3	13 14	12 52	13 16	27 36	1 6	4 3
T 14	3 41	25 10	3 8	10 30	0n10	9 36	1 21	24 14	2 5	23 30	0 16	7 33	2 17	18 27	0 41	21 1	0 33	6 4	13 14	12 52	13 17	27 37	1 3	4 2
F 15	3 18	21 24	2 1	10 28	0 25	9 9	1 22	24 19	2 5	23 30	0 16	7 35	2 17	18 27	0 41	21 1	0 33	6 5	13 13	12 51	13 18	27 37	1 0	4 2
S 16	2 55	16 27	0 48	10 21	0 39	8 41	1 22	24 24	2 5	23 30	0 16	7 38	2 17	18 28	0 41	21 1	0 33	6 6	13 13	12 51	13 19	27 37	0 56	4 2
S 17	2 31	10 44	0n27	10 11	0 51	8 14	1 23	24 29	2 5	23 30	0 16	7 40	2 17	18 28	0 41	21 1	0 33	6 6	13 12	12 51	13 20	27 38	0 53	4 2
M18	2 8	4 36	1 39	9 56	1 3	7 46	1 24	24 34	2 5	23 30	0 16	7 43	2 17	18 28	0 41	21 0	0 33	6 7	13 12	12 51	13 21	27 38	0 50	4 2
T 19	1 45	1n37	2 45	9 38	1 13	7 17	1 24	24 38	2 4	23 30	0 16	7 45	2 17	18 29	0 41	21 0	0 33	6 8	13 12	12 52	13 22	27 38	0 47	4 1
W20	1 21	7 38	3 40	9 16	1 22	6 49	1 25	24 43	2 4	23 30	0 17	7 48	2 17	18 29	0 41	21 0	0 33	6 9	13 11	12 54	13 23	27 38	0 43	4 1
T 21	0 58	13 13	4 23	8 51	1 30	6 20	1 25	24 47	2 4	23 29	0 17	7 50	2 17	18 29	0 41	21 0	0 33	6 9	13 11	12 55	13 24	27 39	0 40	4 1
F 22	0 35	18 9	4 53	8 23	1 36	5 51	1 26	24 51	2 4	23 29	0 17	7 53	2 16	18 30	0 41	21 0	0 33	6 10	13 10	12 57	13 25	27 39	0 37	4 1
S 23	0 11	22 14	5 9	7 52	1 42	5 22	1 26	24 55	2 3	23 29	0 17	7 55	2 16	18 30	0 41	20 59	0 33	6 11	13 10	12 59	13 26	27 39	0 34	4 1
S 24	0s12	25 18	5 10	7 18	1 46	4 53	1 26	24 58	2 3	23 29	0 17	7 58	2 16	18 30	0 41	20 59	0 33	6 12	13 9	13 1	13 28	27 39	0 31	4 1
M25	0 36	27 13	4 58	6 43	1 49	4 24	1 26	25 1	2 3	23 29	0 17	8 0	2 16	18 31	0 41	20 59	0 33	6 13	13 9	13 2	13 29	27 40	0 27	4 1
T 26	0 59	27 54	4 33	6 5	1 52	3 54	1 26	25 5	2 3	23 29	0 17	8 3	2 16	18 31	0 41	20 59	0 33	6 13	13 9	13 3	13 30	27 40	0 24	4 0
W27	1 23	27 17	3 57	5 26	1 53	3 24	1 26	25 8	2 2	23 28	0 17	8 5	2 16	18 31	0 41	20 59	0 33	6 14	13 8	13 3	13 31	27 40	0 21	4 0
T 28	1 46	25 23	3 10	4 45	1 54	2 55	1 26	25 10	2 2	23 28	0 17	8 8	2 16	18 32	0 41	20 59	0 33	6 15	13 8	13 2	13 32	27 40	0 18	4 0
F 29	2 9	22 19	2 14	4 3	1 53	2 25	1 26	25 13	2 2	23 28	0 17	8 11	2 16	18 32	0 41	20 58	0 33	6 16	13 7	13 2	13 33	27 40	0 14	4 0
S 30	2s33	18n12	1n10	3n20	1n53	1n55	1n26	25s15	2s 1	23s28	0s17	8s13	2n16	18s32	0s41	20n58	0s33	6s16	13n 7	13s 1	13s34	27n41	0n11	4s 0

Julian Day Number = 2359381.5, Delta T = 15.33 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'03, Lahiri = 20°20'03Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

OCTOBER 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 18	7♎23'40	25♌13	27♍44	29♍45	22♐43	8♑57	26♎52	9°R35	23♋ 2	24♏56	25°R33	23♒53	19♊23	20♍25	S 1
M 2	0 41 14	8°22'49	8♍17	29°31	1♎ 0	23°25	9° 2	26°59	9♒34	23° 3	24°58	25♒33	23°49	19°30	20°33	M 2
T 3	0 45 11	9°22'01	21°44	1♎18	2°15	24° 6	9° 7	27° 6	9°33	23° 4	25° 0	25°30	23°46	19°36	20°42	T 3
W 4	0 49 7	10°21'14	5♎33	3° 5	3°30	24°48	9°13	27°13	9°32	23° 4	25° 1	25°25	23°43	19°43	20°50	W 4
T 5	0 53 4	11°20'30	19°43	4°52	4°45	25°30	9°18	27°20	9°31	23° 5	25° 3	25°19	23°40	19°50	20°59	T 5
F 6	0 57 1	12°19'47	4♏ 7	6°39	6° 0	26°13	9°24	27°27	9°31	23° 6	25° 5	25°11	23°37	19°57	21° 7	F 6
S 7	1 0 57	13°19'07	18°39	8°25	7°15	26°55	9°30	27°34	9°30	23° 6	25° 7	25° 3	23°33	20° 3	21°16	S 7
S 8	1 4 54	14°18'29	3♐14	10°10	8°30	27°37	9°36	27°41	9°30	23° 7	25° 9	24°57	23°30	20°10	21°24	S 8
M 9	1 8 50	15°17'52	17°44	11°55	9°45	28°20	9°42	27°49	9°29	23° 8	25°11	24°52	23°27	20°17	21°32	M 9
T 10	1 12 47	16°17'17	2♑ 5	13°39	11° 0	29° 2	9°48	27°56	9°28	23° 8	25°13	24°49	23°24	20°23	21°41	T 10
W11	1 16 43	17°16'44	16°13	15°23	12°15	29°45	9°55	28° 3	9°28	23° 9	25°15	24°D48	23°21	20°30	21°49	W11
T 12	1 20 40	18°16'13	0♒ 9	17° 6	13°30	0♑28	10° 1	28°10	9°28	23° 9	25°17	24°48	23°18	20°37	21°57	T 12
F 13	1 24 36	19°15'43	13°51	18°48	14°45	1°10	10° 8	28°17	9°27	23°10	25°19	24°49	23°14	20°44	22° 5	F 13
S 14	1 28 33	20°15'15	27°21	20°30	16° 0	1°53	10°15	28°25	9°27	23°10	25°21	24°R50	23°11	20°50	22°13	S 14
S 15	1 32 30	21°14'49	10♓38	22°11	17°15	2°37	10°22	28°32	9°27	23°11	25°23	24°48	23° 8	20°57	22°22	S 15
M16	1 36 26	22°14'25	23°44	23°52	18°30	3°20	10°29	28°39	9°26	23°11	25°25	24°45	23° 5	21° 4	22°30	M16
T 17	1 40 23	23°14'02	6♈39	25°32	19°46	4° 3	10°37	28°46	9°26	23°12	25°27	24°39	23° 2	21°10	22°38	T 17
W18	1 44 19	24°13'41	19°23	27°11	21° 1	4°46	10°44	28°53	9°26	23°12	25°29	24°30	22°59	21°17	22°46	W18
T 19	1 48 16	25°13'23	1♉55	28°49	22°16	5°30	10°52	29° 1	9°26	23°12	25°31	24°19	22°55	21°24	22°54	T 19
F 20	1 52 12	26°13'06	14°17	0♏27	23°31	6°13	11° 0	29° 8	9°D26	23°12	25°33	24° 7	22°52	21°30	23° 2	F 20
S 21	1 56 9	27°12'52	26°27	2° 5	24°46	6°57	11° 8	29°15	9°26	23°13	25°36	23°56	22°49	21°37	23° 9	S 21
S 22	2 0 5	28°12'40	8♊28	3°42	26° 1	7°40	11°16	29°22	9°26	23°13	25°38	23°45	22°46	21°44	23°17	S 22
M23	2 4 2	29°12'30	20°23	5°18	27°17	8°24	11°24	29°30	9°26	23°13	25°40	23°36	22°43	21°51	23°25	M23
T 24	2 7 59	0♏12'22	2♋13	6°54	28°32	9° 8	11°33	29°37	9°27	23°13	25°42	23°30	22°39	21°57	23°33	T 24
W25	2 11 55	1°12'16	14° 3	8°29	29°47	9°52	11°41	29°44	9°27	23°13	25°44	23°26	22°36	22° 4	23°41	W25
T 26	2 15 52	2°12'12	25°57	10° 4	1♏ 2	10°36	11°50	29°51	9°27	23°13	25°47	23°24	22°33	22°11	23°48	T 26
F 27	2 19 48	3°12'11	8♌ 2	11°38	2°18	11°20	11°59	29°59	9°27	23°R13	25°49	23°D24	22°30	22°17	23°56	F 27
S 28	2 23 45	4°12'12	20°22	13°12	3°33	12° 4	12° 7	0♏ 6	9°28	23°13	25°51	23°R25	22°27	22°24	24° 3	S 28
S 29	2 27 41	5°12'15	3♍ 2	14°45	4°48	12°48	12°17	0°13	9°28	23°13	25°53	23°24	22°24	22°31	24°11	S 29
M30	2 31 38	6°12'20	16° 6	16°18	6° 3	13°33	12°26	0°20	9°29	23°13	25°56	23°22	22°20	22°38	24°18	M30
T 31	2 35 34	7♏12'27	29♍39	17♏50	7♏19	14♑17	12♑35	0♏28	9♒29	23♋13	25♏58	23♒18	22♒17	22♊44	24♍26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s56	13n10	0n 2	2n36	1n51	1n25	1n26	25s17	2s 1	23s27	0s17	8s16	2n16	18s32	0s41	20n58	0s33	6s17	13n 7	13s 1	13s35	27n41	0n 8	4s 0
M 2	3 20	7 25	1s 8	1 51	1 49	0 55	1 26	25 19	2 1	23 27	0 17	8 18	2 16	18 32	0 41	20 58	0 33	6 18	13 6	13 1	13 36	27 41	0 5	4 0
T 3	3 43	1 12	2 17	1 6	1 46	0 25	1 25	25 21	2 0	23 27	0 17	8 21	2 16	18 33	0 41	20 58	0 33	6 19	13 6	13 2	13 37	27 41	0 1	4 0
W 4	4 6	5s15	3 19	0 20	1 43	0s 6	1 25	25 22	2 0	23 27	0 17	8 23	2 15	18 33	0 41	20 58	0 33	6 20	13 5	13 4	13 38	27 41	0s 2	3 59
T 5	4 30	11 35	4 10	0s25	1 39	0 36	1 24	25 23	2 0	23 26	0 17	8 26	2 15	18 33	0 41	20 58	0 33	6 20	13 5	13 6	13 39	27 41	0 5	3 59
F 6	4 53	17 24	4 47	1 11	1 35	1 6	1 24	25 24	1 59	23 26	0 18	8 29	2 15	18 33	0 41	20 57	0 33	6 21	13 5	13 9	13 40	27 42	0 8	3 59
S 7	5 16	22 17	5 5	1 57	1 31	1 36	1 23	25 25	1 59	23 26	0 18	8 31	2 15	18 33	0 41	20 57	0 33	6 22	13 4	13 11	13 41	27 42	0 12	3 59
S 8	5 39	25 48	5 4	2 43	1 26	2 7	1 23	25 26	1 58	23 25	0 18	8 34	2 15	18 33	0 41	20 57	0 33	6 23	13 4	13 14	13 42	27 42	0 15	3 59
M 9	6 2	27 36	4 43	3 29	1 21	2 37	1 22	25 26	1 58	23 25	0 18	8 36	2 15	18 34	0 41	20 57	0 33	6 23	13 4	13 15	13 43	27 42	0 18	3 59
T 10	6 25	27 32	4 5	4 14	1 15	3 7	1 21	25 26	1 58	23 24	0 18	8 39	2 15	18 34	0 41	20 57	0 33	6 24	13 3	13 16	13 44	27 42	0 21	3 59
W11	6 48	25 40	3 12	5 0	1 10	3 37	1 20	25 26	1 57	23 24	0 18	8 42	2 15	18 34	0 41	20 57	0 33	6 25	13 3	13 17	13 45	27 42	0 24	3 59
T 12	7 10	22 14	2 8	5 45	1 4	4 7	1 19	25 25	1 57	23 24	0 18	8 44	2 15	18 34	0 41	20 57	0 33	6 26	13 3	13 16	13 46	27 42	0 28	3 59
F 13	7 33	17 38	0 59	6 29	0 58	4 37	1 18	25 24	1 56	23 23	0 18	8 47	2 15	18 34	0 41	20 57	0 33	6 27	13 2	13 16	13 47	27 42	0 31	3 59
S 14	7 56	12 12	0n13	7 13	0 52	5 7	1 17	25 24	1 56	23 23	0 18	8 49	2 15	18 34	0 41	20 57	0 33	6 27	13 2	13 16	13 49	27 42	0 34	3 59
S 15	8 18	6 18	1 24	7 57	0 45	5 37	1 16	25 22	1 55	23 22	0 18	8 52	2 15	18 34	0 41	20 57	0 33	6 28	13 2	13 16	13 50	27 42	0 37	3 59
M16	8 40	0 13	2 28	8 40	0 39	6 6	1 15	25 21	1 55	23 22	0 18	8 55	2 15	18 34	0 41	20 56	0 33	6 29	13 1	13 18	13 51	27 43	0 40	3 59
T 17	9 2	5n46	3 24	9 23	0 32	6 36	1 14	25 19	1 54	23 21	0 18	8 57	2 15	18 34	0 41	20 56	0 33	6 30	13 1	13 20	13 52	27 43	0 43	3 59
W18	9 24	11 26	4 9	10 5	0 26	7 5	1 13	25 17	1 54	23 21	0 18	9 0	2 15	18 34	0 40	20 56	0 33	6 30	13 1	13 22	13 53	27 43	0 47	3 59
T 19	9 46	16 32	4 40	10 46	0 19	7 35	1 11	25 15	1 53	23 20	0 18	9 2	2 15	18 34	0 40	20 56	0 33	6 31	13 0	13 26	13 54	27 43	0 50	3 59
F 20	10 8	20 53	4 58	11 27	0 12	8 4	1 10	25 12	1 53	23 19	0 18	9 5	2 15	18 34	0 40	20 56	0 33	6 32	13 0	13 30	13 55	27 43	0 53	3 59
S 21	10 30	24 17	5 2	12 7	0 6	8 33	1 8	25 10	1 52	23 19	0 18	9 7	2 15	18 34	0 40	20 56	0 33	6 33	13 0	13 34	13 56	27 43	0 56	3 59
S 22	10 51	26 34	4 53	12 47	0s 1	9 1	1 7	25 7	1 52	23 18	0 18	9 10	2 15	18 34	0 40	20 56	0 33	6 33	13 0	13 37	13 57	27 43	0 59	3 59
M23	11 13	27 38	4 31	13 26	0 8	9 30	1 5	25 4	1 51	23 18	0 19	9 13	2 15	18 34	0 40	20 56	0 33	6 34	12 59	13 40	13 58	27 43	1 2	3 59
T 24	11 34	27 24	3 57	14 4	0 15	9 58	1 4	25 0	1 51	23 17	0 19	9 15	2 15	18 34	0 40	20 56	0 33	6 35	12 59	13 42	13 59	27 43	1 5	3 59
W25	11 55	25 56	3 13	14 41	0 21	10 26	1 2	24 56	1 50	23 16	0 19	9 18	2 15	18 34	0 40	20 56	0 33	6 36	12 59	13 44	14 0	27 43	1 8	3 59
T 26	12 15	23 17	2 20	15 18	0 28	10 54	1 1	24 52	1 50	23 15	0 19	9 20	2 15	18 34	0 40	20 56	0 33	6 36	12 59	13 44	14 1	27 43	1 11	3 59
F 27	12 36	19 35	1 21	15 54	0 35	11 22	0 59	24 48	1 49	23 15	0 19	9 23	2 15	18 33	0 40	20 56	0 33	6 37	12 58	13 44	14 2	27 43	1 14	3 59
S 28	12 56	14 59	0 16	16 29	0 41	11 49	0 57	24 44	1 49	23 14	0 19	9 25	2 15	18 33	0 40	20 56	0 33	6 38	12 58	13 44	14 3	27 43	1 17	3 59
S 29	13 17	9 37	0s51	17 3	0 48	12 16	0 55	24 39	1 48	23 13	0 19	9 28	2 15	18 33	0 40	20 56	0 33	6 38	12 58	13 44	14 4	27 43	1 20	3 59
M30	13 37	3 41	1 57	17 36	0 54	12 43	0 54	24 34	1 47	23 12	0 19	9 30	2 15	18 33	0 40	20 56	0 33	6 39	12 58	13 45	14 5	27 42	1 23	3 59
T 31	13s56	2s36	2s59	18s 9	1s 1	13s10	0n52	24s29	1s47	23s12	0s19	9s33	2n15	18s33	0s40	20n56	0s33	6s40	12n57	13s46	14s 6	27n42	1s26	3s59

Julian Day Number = 2359411.5, Delta T = 15.36 sec
Ecliptic obliquity = 23°28'28, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'07, Lahiri = 20°20'08Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

NOVEMBER 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 31	8♏12'36	13♎40	19♏22	8♏34	15♑ 1	12♑44	0♏35	9♒30	23°R13	26♏ 0	23°R11	22♒14	22♊51	24♍33	W 1
T 2	2 43 27	9°12'47	28° 6	20°54	9°49	15°46	12°54	0°42	9°31	23♋12	26° 3	23♒ 1	22°11	22°58	24°40	T 2
F 3	2 47 24	10°13'00	12♏53	22°25	11° 5	16°31	13° 4	0°49	9°31	23°12	26° 5	22°50	22° 8	23° 4	24°47	F 3
S 4	2 51 21	11°13'15	27°52	23°56	12°20	17°15	13°13	0°57	9°32	23°12	26° 7	22°38	22° 5	23°11	24°55	S 4
S 5	2 55 17	12°13'32	12♐52	25°27	13°35	18° 0	13°23	1° 4	9°33	23°12	26° 9	22°28	22° 1	23°18	25° 2	S 5
M 6	2 59 14	13°13'50	27°46	26°57	14°51	18°45	13°33	1°11	9°34	23°11	26°12	22°19	21°58	23°24	25° 9	M 6
T 7	3 3 10	14°14'10	12♑25	28°26	16° 6	19°30	13°43	1°18	9°35	23°11	26°14	22°14	21°55	23°31	25°16	T 7
W 8	3 7 7	15°14'31	26°44	29°56	17°21	20°14	13°54	1°25	9°36	23°11	26°17	22°11	21°52	23°38	25°22	W 8
T 9	3 11 3	16°14'54	10♒42	1♐24	18°37	20°59	14° 4	1°32	9°37	23°10	26°19	22°10	21°49	23°45	25°29	T 9
F 10	3 15 0	17°15'18	24°19	2°53	19°52	21°44	14°14	1°39	9°38	23°10	26°21	22°10	21°45	23°51	25°36	F 10
S 11	3 18 57	18°15'43	7♓38	4°20	21° 7	22°29	14°25	1°46	9°39	23° 9	26°24	22° 9	21°42	23°58	25°43	S 11
S 12	3 22 53	19°16'09	20°40	5°48	22°23	23°15	14°36	1°54	9°40	23° 9	26°26	22° 7	21°39	24° 5	25°49	S 12
M13	3 26 50	20°16'37	3♈28	7°15	23°38	24° 0	14°46	2° 1	9°41	23° 8	26°28	22° 2	21°36	24°11	25°56	M13
T 14	3 30 46	21°17'07	16° 4	8°41	24°53	24°45	14°57	2° 8	9°42	23° 8	26°31	21°54	21°33	24°18	26° 2	T 14
W15	3 34 43	22°17'37	28°31	10° 6	26° 9	25°30	15° 8	2°15	9°44	23° 7	26°33	21°43	21°30	24°25	26° 9	W15
T 16	3 38 39	23°18'09	10♉48	11°31	27°24	26°15	15°19	2°21	9°45	23° 6	26°36	21°30	21°26	24°31	26°15	T 16
F 17	3 42 36	24°18'43	22°58	12°55	28°39	27° 1	15°30	2°28	9°46	23° 6	26°38	21°15	21°23	24°38	26°21	F 17
S 18	3 46 32	25°19'18	5♊ 0	14°19	29°55	27°46	15°42	2°35	9°48	23° 5	26°40	21° 0	21°20	24°45	26°27	S 18
S 19	3 50 29	26°19'55	16°57	15°41	1♐10	28°32	15°53	2°42	9°49	23° 4	26°43	20°47	21°17	24°52	26°33	S 19
M20	3 54 26	27°20'33	28°48	17° 2	2°25	29°17	16° 5	2°49	9°51	23° 3	26°45	20°35	21°14	24°58	26°39	M20
T 21	3 58 22	28°21'13	10♋37	18°21	3°41	0♒ 2	16°16	2°56	9°53	23° 3	26°47	20°27	21°11	25° 5	26°45	T 21
W22	4 2 19	29°21'55	22°26	19°40	4°56	0°48	16°28	3° 3	9°54	23° 2	26°50	20°21	21° 7	25°12	26°51	W22
T 23	4 6 15	0♐22'38	4♌19	20°56	6°12	1°34	16°39	3° 9	9°56	23° 1	26°52	20°18	21° 4	25°18	26°57	T 23
F 24	4 10 12	1°23'22	16°22	22°11	7°27	2°19	16°51	3°16	9°58	23° 0	26°55	20°D17	21° 1	25°25	27° 2	F 24
S 25	4 14 8	2°24'08	28°37	23°24	8°42	3° 5	17° 3	3°23	9°59	22°59	26°57	20°R17	20°58	25°32	27° 8	S 25
S 26	4 18 5	3°24'55	11♍12	24°34	9°58	3°50	17°15	3°29	10° 1	22°58	26°59	20°17	20°55	25°38	27°13	S 26
M27	4 22 1	4°25'44	24°11	25°41	11°13	4°36	17°27	3°36	10° 3	22°57	27° 2	20°15	20°51	25°45	27°19	M27
T 28	4 25 58	5°26'35	7♎38	26°45	12°28	5°22	17°39	3°43	10° 5	22°56	27° 4	20°12	20°48	25°52	27°24	T 28
W29	4 29 55	6°27'27	21°36	27°45	13°44	6° 8	17°51	3°49	10° 7	22°55	27° 7	20° 5	20°45	25°59	27°29	W29
T 30	4 33 51	7♐28'20	6♏ 3	28♐41	14♐59	6♒53	18♑ 4	3♏56	10♒ 9	22♋54	27♏ 9	19♒56	20♒42	26♊ 5	27♍34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s16	8s58	3s53	18s40	1s 7	13s36	0n50	24s23	1s46	23s11	0s19	9s35	2n15	18s33	0s40	20n56	0s33	6s41	12n57	13s49	14s 7	27n42	1s29	3s59
T 2	14 35	15 4	4 33	19 11	1 13	14 1	0 48	24 17	1 46	23 10	0 19	9 38	2 15	18 32	0 40	20 56	0 33	6 41	12 57	13 52	14 8	27 42	1 32	3 59
F 3	14 54	20 25	4 56	19 41	1 19	14 27	0 46	24 11	1 45	23 9	0 19	9 40	2 15	18 32	0 40	20 56	0 33	6 42	12 57	13 56	14 9	27 42	1 35	3 59
S 4	15 13	24 34	4 59	20 9	1 25	14 52	0 44	24 5	1 44	23 8	0 19	9 43	2 15	18 32	0 40	20 56	0 33	6 43	12 57	13 59	14 10	27 42	1 38	3 59
S 5	15 32	27 2	4 42	20 37	1 31	15 17	0 42	23 58	1 44	23 7	0 19	9 45	2 15	18 32	0 40	20 56	0 33	6 43	12 56	14 3	14 11	27 42	1 41	3 59
M 6	15 50	27 33	4 6	21 4	1 36	15 41	0 40	23 52	1 43	23 6	0 19	9 48	2 15	18 32	0 40	20 56	0 33	6 44	12 56	14 6	14 12	27 42	1 44	3 59
T 7	16 8	26 6	3 13	21 30	1 42	16 5	0 37	23 45	1 42	23 5	0 19	9 50	2 15	18 31	0 40	20 56	0 33	6 45	12 56	14 7	14 13	27 42	1 46	3 59
W 8	16 26	22 58	2 10	21 54	1 47	16 28	0 35	23 37	1 42	23 4	0 19	9 52	2 15	18 31	0 40	20 56	0 33	6 45	12 56	14 8	14 14	27 42	1 49	3 59
T 9	16 43	18 33	1 0	22 18	1 52	16 51	0 33	23 30	1 41	23 3	0 20	9 55	2 15	18 31	0 40	20 56	0 33	6 46	12 56	14 9	14 15	27 41	1 52	3 59
F 10	17 1	13 15	0n11	22 40	1 57	17 14	0 31	23 22	1 40	23 2	0 20	9 57	2 15	18 30	0 40	20 56	0 33	6 47	12 56	14 9	14 16	27 41	1 55	3 59
S 11	17 17	7 28	1 21	23 2	2 1	17 36	0 29	23 14	1 40	23 1	0 20	10 0	2 15	18 30	0 40	20 57	0 33	6 47	12 56	14 9	14 17	27 41	1 57	4 0
S 12	17 34	1 30	2 24	23 22	2 5	17 58	0 26	23 6	1 39	23 0	0 20	10 2	2 15	18 30	0 40	20 57	0 33	6 48	12 55	14 9	14 19	27 41	2 0	4 0
M13	17 50	4n26	3 19	23 41	2 9	18 19	0 24	22 57	1 38	22 59	0 20	10 4	2 15	18 29	0 40	20 57	0 33	6 48	12 55	14 11	14 20	27 41	2 3	4 0
T 14	18 6	10 4	4 4	23 58	2 13	18 40	0 22	22 49	1 38	22 58	0 20	10 7	2 15	18 29	0 40	20 57	0 33	6 49	12 55	14 14	14 21	27 41	2 5	4 0
W15	18 22	15 15	4 35	24 15	2 17	19 0	0 19	22 40	1 37	22 57	0 20	10 9	2 15	18 29	0 40	20 57	0 33	6 50	12 55	14 17	14 22	27 40	2 8	4 0
T 16	18 38	19 44	4 54	24 30	2 20	19 20	0 17	22 30	1 36	22 55	0 20	10 11	2 15	18 28	0 40	20 57	0 33	6 50	12 55	14 21	14 23	27 40	2 11	4 0
F 17	18 53	23 21	4 59	24 44	2 22	19 39	0 15	22 21	1 36	22 54	0 20	10 14	2 16	18 28	0 40	20 57	0 33	6 51	12 55	14 26	14 24	27 40	2 13	4 0
S 18	19 7	25 55	4 51	24 57	2 25	19 58	0 12	22 11	1 35	22 53	0 20	10 16	2 16	18 27	0 40	20 57	0 33	6 52	12 55	14 31	14 25	27 40	2 16	4 0
S 19	19 22	27 18	4 29	25 8	2 27	20 16	0 10	22 1	1 34	22 52	0 20	10 18	2 16	18 27	0 40	20 57	0 33	6 52	12 55	14 35	14 26	27 40	2 18	4 0
M20	19 36	27 24	3 56	25 18	2 28	20 33	0 8	21 51	1 33	22 50	0 20	10 20	2 16	18 27	0 40	20 57	0 33	6 53	12 55	14 39	14 27	27 39	2 21	4 1
T 21	19 49	26 15	3 13	25 26	2 29	20 50	0 5	21 41	1 33	22 49	0 20	10 23	2 16	18 26	0 39	20 58	0 33	6 53	12 55	14 42	14 28	27 39	2 23	4 1
W22	20 3	23 56	2 22	25 33	2 29	21 6	0 3	21 30	1 32	22 48	0 20	10 25	2 16	18 26	0 39	20 58	0 33	6 54	12 55	14 43	14 29	27 39	2 26	4 1
T 23	20 16	20 33	1 23	25 39	2 29	21 22	0 0	21 19	1 31	22 46	0 20	10 27	2 16	18 25	0 39	20 58	0 33	6 54	12 55	14 44	14 30	27 39	2 28	4 1
F 24	20 28	16 17	0 21	25 43	2 29	21 37	0s 2	21 8	1 30	22 45	0 20	10 29	2 16	18 25	0 39	20 58	0 33	6 55	12 54	14 45	14 31	27 38	2 30	4 1
S 25	20 40	11 17	0s44	25 46	2 27	21 51	0 4	20 57	1 30	22 43	0 20	10 31	2 16	18 24	0 39	20 58	0 33	6 55	12 54	14 45	14 32	27 38	2 33	4 1
S 26	20 52	5 42	1 48	25 47	2 25	22 5	0 7	20 46	1 29	22 42	0 21	10 34	2 16	18 24	0 39	20 58	0 33	6 56	12 54	14 45	14 33	27 38	2 35	4 1
M27	21 4	0s17	2 49	25 46	2 22	22 18	0 9	20 34	1 28	22 40	0 21	10 36	2 16	18 23	0 39	20 59	0 33	6 57	12 54	14 45	14 34	27 38	2 37	4 2
T 28	21 15	6 27	3 43	25 45	2 19	22 31	0 12	20 22	1 27	22 39	0 21	10 38	2 16	18 23	0 39	20 59	0 33	6 57	12 54	14 46	14 35	27 37	2 40	4 2
W29	21 25	12 32	4 26	25 41	2 14	22 43	0 14	20 10	1 27	22 37	0 21	10 40	2 17	18 22	0 39	20 59	0 33	6 58	12 54	14 48	14 36	27 37	2 42	4 2
T 30	21s35	18s10	4s53	25s37	2s 9	22s54	0s16	19s58	1s26	22s36	0s21	10s42	2n17	18s21	0s39	20n59	0s33	6s58	12n54	14s51	14s37	27n37	2s44	4s 2

Julian Day Number = 2359442.5, Delta T = 15.38 sec
Ecliptic obliquity = 23°28'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'11, Lahiri = 20°20'12Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1747
geocentric

DECEMBER 1747 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 37 48	8♐29'15	20♏56	29♐32	16♐15	7♒39	18♑16	4♏ 2	10♒11	22°R53	27♏11	19°R46	20♒39	26♊12	27♍39	F 1
S 2	4 41 44	9°30'11	6♐ 7	0♑18	17°30	8°25	18°28	4° 8	10°13	22♋52	27°14	19♒35	20°36	26°19	27°44	S 2
S 3	4 45 41	10°31'08	21°24	0°57	18°45	9°11	18°41	4°15	10°15	22°51	27°16	19°25	20°32	26°25	27°49	S 3
M 4	4 49 37	11°32'06	6♑38	1°29	20° 1	9°57	18°53	4°21	10°17	22°50	27°18	19°16	20°29	26°32	27°54	M 4
T 5	4 53 34	12°33'05	21°36	1°53	21°16	10°43	19° 6	4°27	10°19	22°48	27°21	19°11	20°26	26°39	27°58	T 5
W 6	4 57 30	13°34'05	6♒14	2° 8	22°32	11°29	19°19	4°33	10°22	22°47	27°23	19° 8	20°23	26°45	28° 3	W 6
T 7	5 1 27	14°35'05	20°25	2°R14	23°47	12°15	19°31	4°40	10°24	22°46	27°25	19°D 8	20°20	26°52	28° 7	T 7
F 8	5 5 24	15°36'06	4♓10	2° 9	25° 2	13° 1	19°44	4°46	10°26	22°45	27°28	19° 8	20°17	26°59	28°12	F 8
S 9	5 9 20	16°37'07	17°30	1°53	26°18	13°47	19°57	4°52	10°29	22°43	27°30	19°R 8	20°13	27° 6	28°16	S 9
S 10	5 13 17	17°38'09	0♈28	1°26	27°33	14°33	20°10	4°58	10°31	22°42	27°32	19° 8	20°10	27°12	28°20	S 10
M11	5 17 13	18°39'11	13° 9	0°47	28°48	15°19	20°23	5° 4	10°33	22°41	27°34	19° 4	20° 7	27°19	28°24	M11
T 12	5 21 10	19°40'13	25°35	29♐57	0♑ 4	16° 5	20°36	5°10	10°36	22°39	27°37	18°59	20° 4	27°26	28°28	T 12
W13	5 25 6	20°41'17	7♉49	28°56	1°19	16°51	20°49	5°15	10°38	22°38	27°39	18°51	20° 1	27°32	28°32	W13
T 14	5 29 3	21°42'20	19°55	27°47	2°34	17°37	21° 2	5°21	10°41	22°37	27°41	18°41	19°57	27°39	28°35	T 14
F 15	5 32 59	22°43'25	1♊55	26°31	3°50	18°23	21°16	5°27	10°44	22°35	27°43	18°30	19°54	27°46	28°39	F 15
S 16	5 36 56	23°44'29	13°50	25°10	5° 5	19° 9	21°29	5°32	10°46	22°34	27°46	18°18	19°51	27°52	28°42	S 16
S 17	5 40 53	24°45'35	25°42	23°47	6°20	19°55	21°42	5°38	10°49	22°32	27°48	18° 8	19°48	27°59	28°46	S 17
M18	5 44 49	25°46'41	7♋32	22°25	7°36	20°41	21°56	5°44	10°51	22°31	27°50	17°59	19°45	28° 6	28°49	M18
T 19	5 48 46	26°47'47	19°23	21° 7	8°51	21°27	22° 9	5°49	10°54	22°29	27°52	17°52	19°42	28°12	28°52	T 19
W20	5 52 42	27°48'54	1♌15	19°54	10° 6	22°13	22°22	5°54	10°57	22°28	27°54	17°48	19°38	28°19	28°55	W20
T 21	5 56 39	28°50'01	13°13	18°50	11°22	22°59	22°36	6° 0	11° 0	22°26	27°56	17°D47	19°35	28°26	28°58	T 21
F 22	6 0 35	29°51'09	25°18	17°55	12°37	23°46	22°49	6° 5	11° 3	22°25	27°59	17°47	19°32	28°33	29° 1	F 22
S 23	6 4 32	0♑52'18	7♍35	17°10	13°52	24°32	23° 3	6°10	11° 5	22°23	28° 1	17°48	19°29	28°39	29° 3	S 23
S 24	6 8 29	1°53'27	20° 8	16°36	15° 7	25°18	23°17	6°15	11° 8	22°22	28° 3	17°49	19°26	28°46	29° 6	S 24
M25	6 12 25	2°54'36	3♎ 2	16°12	16°23	26° 4	23°30	6°20	11°11	22°20	28° 5	17°R50	19°23	28°53	29° 8	M25
T 26	6 16 22	3°55'46	16°21	15°59	17°38	26°50	23°44	6°25	11°14	22°19	28° 7	17°49	19°19	28°59	29°11	T 26
W27	6 20 18	4°56'57	0♏ 7	15°D56	18°53	27°36	23°58	6°30	11°17	22°17	28° 9	17°46	19°16	29° 6	29°13	W27
T 28	6 24 15	5°58'08	14°22	16° 1	20° 9	28°22	24°12	6°35	11°20	22°15	28°11	17°42	19°13	29°13	29°15	T 28
F 29	6 28 11	6°59'20	29° 4	16°16	21°24	29° 8	24°25	6°40	11°23	22°14	28°13	17°36	19°10	29°19	29°17	F 29
S 30	6 32 8	8° 0'31	14♐ 6	16°38	22°39	29°54	24°39	6°45	11°26	22°12	28°15	17°30	19° 7	29°26	29°19	S 30
S 31	6 36 4	9♑ 1'43	29♐21	17♐ 7	23♑54	0♓40	24♑53	6♏49	11♒29	22♋10	28♏17	17♒24	19♒ 3	29♊33	29♍21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s45	22s52	5s 2	25s30	2s 2	23s 4	0s19	19s45	1s25	22s34	0s21	10s44	2n17	18s21	0s39	20n59	0s33	6s59	12n54	14s55	14s38	27n36	2s46	4s 2	F 1
S 2	21 54	26 6	4 49	25 23	1 54	23 14	0 21	19 32	1 24	22 33	0 21	10 46	2 17	18 20	0 39	20 59	0 33	6 59	12 54	14 58	14 39	27 36	2 48	4 2	S 2
S 3	22 3	27 28	4 17	25 14	1 45	23 23	0 24	19 20	1 23	22 31	0 21	10 48	2 17	18 20	0 39	21 0	0 33	6 59	12 54	15 1	14 40	27 36	2 50	4 3	S 3
M 4	22 12	26 44	3 25	25 3	1 35	23 32	0 26	19 6	1 23	22 29	0 21	10 50	2 17	18 19	0 39	21 0	0 33	7 0	12 54	15 4	14 41	27 35	2 52	4 3	M 4
T 5	22 20	24 3	2 21	24 52	1 24	23 39	0 28	18 53	1 22	22 28	0 21	10 52	2 17	18 18	0 39	21 0	0 33	7 0	12 54	15 6	14 42	27 35	2 54	4 3	T 5
W 6	22 28	19 51	1 8	24 39	1 11	23 46	0 31	18 40	1 21	22 26	0 21	10 54	2 17	18 18	0 39	21 0	0 33	7 1	12 55	15 6	14 43	27 35	2 56	4 3	W 6
T 7	22 35	14 36	0n 7	24 24	0 57	23 52	0 33	18 26	1 20	22 24	0 21	10 56	2 18	18 17	0 39	21 0	0 33	7 1	12 55	15 7	14 44	27 34	2 58	4 3	T 7
F 8	22 42	8 46	1 19	24 9	0 41	23 58	0 35	18 12	1 19	22 22	0 21	10 58	2 18	18 17	0 39	21 1	0 33	7 2	12 55	15 6	14 45	27 34	3 0	4 3	F 8
S 9	22 48	2 43	2 25	23 52	0 25	24 3	0 37	17 58	1 19	22 20	0 21	11 0	2 18	18 16	0 39	21 1	0 33	7 2	12 55	15 6	14 46	27 34	3 2	4 4	S 9
S 10	22 54	3n16	3 22	23 34	0 7	24 7	0 40	17 44	1 18	22 19	0 21	11 2	2 18	18 15	0 39	21 1	0 33	7 3	12 55	15 7	14 47	27 33	3 4	4 4	S 10
M11	22 59	8 59	4 7	23 16	0n13	24 10	0 42	17 30	1 17	22 17	0 21	11 3	2 18	18 14	0 39	21 1	0 33	7 3	12 55	15 8	14 48	27 33	3 6	4 4	M11
T 12	23 4	14 14	4 40	22 56	0 32	24 12	0 44	17 15	1 16	22 15	0 22	11 5	2 18	18 14	0 39	21 1	0 33	7 3	12 55	15 9	14 49	27 32	3 7	4 4	T 12
W13	23 9	18 50	4 59	22 36	0 52	24 14	0 46	17 0	1 15	22 13	0 22	11 7	2 18	18 13	0 39	21 2	0 33	7 4	12 55	15 12	14 50	27 32	3 9	4 4	W13
T 14	23 13	22 37	5 4	22 15	1 12	24 15	0 48	16 46	1 15	22 11	0 22	11 9	2 19	18 12	0 39	21 2	0 33	7 4	12 55	15 15	14 51	27 32	3 11	4 5	T 14
F 15	23 16	25 24	4 56	21 54	1 32	24 15	0 50	16 31	1 14	22 9	0 22	11 11	2 19	18 12	0 39	21 2	0 33	7 4	12 55	15 18	14 52	27 31	3 12	4 5	F 15
S 16	23 20	27 3	4 35	21 33	1 51	24 15	0 52	16 15	1 13	22 7	0 22	11 12	2 19	18 11	0 39	21 2	0 33	7 5	12 55	15 22	14 53	27 31	3 14	4 5	S 16
S 17	23 22	27 26	4 2	21 12	2 8	24 14	0 54	16 0	1 12	22 5	0 22	11 14	2 19	18 10	0 39	21 3	0 33	7 5	12 55	15 25	14 54	27 30	3 15	4 5	S 17
M18	23 24	26 34	3 19	20 53	2 23	24 12	0 56	15 45	1 11	22 3	0 22	11 16	2 19	18 9	0 39	21 3	0 33	7 5	12 56	15 28	14 55	27 30	3 17	4 5	M18
T 19	23 26	24 29	2 27	20 35	2 36	24 9	0 58	15 29	1 10	22 1	0 22	11 17	2 19	18 9	0 39	21 3	0 33	7 6	12 56	15 30	14 56	27 29	3 18	4 6	T 19
W20	23 27	21 20	1 28	20 20	2 46	24 5	1 0	15 13	1 10	21 59	0 22	11 19	2 19	18 8	0 39	21 3	0 33	7 6	12 56	15 31	14 57	27 29	3 20	4 6	W20
T 21	23 28	17 16	0 25	20 6	2 54	24 1	1 2	14 57	1 9	21 56	0 22	11 21	2 20	18 7	0 39	21 4	0 33	7 6	12 56	15 32	14 58	27 29	3 21	4 6	T 21
F 22	23 28	12 28	0s41	19 56	3 0	23 56	1 4	14 41	1 8	21 54	0 22	11 22	2 20	18 6	0 39	21 4	0 33	7 7	12 56	15 32	14 59	27 28	3 22	4 6	F 22
S 23	23 28	7 7	1 45	19 49	3 4	23 50	1 6	14 25	1 7	21 52	0 22	11 24	2 20	18 6	0 39	21 4	0 33	7 7	12 56	15 31	15 0	27 28	3 23	4 6	S 23
S 24	23 28	1 22	2 46	19 44	3 5	23 44	1 8	14 9	1 6	21 50	0 22	11 25	2 20	18 5	0 39	21 4	0 33	7 7	12 57	15 31	15 1	27 27	3 25	4 7	S 24
M25	23 27	4s35	3 40	19 42	3 4	23 37	1 9	13 52	1 5	21 48	0 22	11 27	2 20	18 4	0 39	21 5	0 33	7 8	12 57	15 31	15 2	27 27	3 26	4 7	M25
T 26	23 25	10 30	4 25	19 43	3 2	23 29	1 11	13 36	1 5	21 45	0 23	11 28	2 21	18 3	0 39	21 5	0 33	7 8	12 57	15 31	15 3	27 26	3 27	4 7	T 26
W27	23 23	16 8	4 55	19 46	2 59	23 20	1 13	13 19	1 4	21 43	0 23	11 30	2 21	18 2	0 39	21 5	0 33	7 8	12 57	15 32	15 4	27 26	3 28	4 7	W27
T 28	23 20	21 5	5 9	19 51	2 54	23 11	1 14	13 2	1 3	21 41	0 23	11 31	2 21	18 1	0 39	21 5	0 33	7 8	12 57	15 33	15 5	27 25	3 29	4 8	T 28
F 29	23 17	24 55	5 4	19 58	2 48	23 1	1 16	12 45	1 2	21 38	0 23	11 32	2 21	18 1	0 39	21 6	0 33	7 8	12 57	15 35	15 6	27 25	3 30	4 8	F 29
S 30	23 14	27 7	4 37	20 7	2 42	22 50	1 17	12 28	1 1	21 36	0 23	11 34	2 21	18 0	0 39	21 6	0 33	7 9	12 58	15 37	15 7	27 24	3 31	4 8	S 30
S 31	23s10	27s19	3s51	20s17	2n35	22s39	1s18	12s11	1s 0	21s33	0s23	11s35	2n21	17s59	0s39	21n 6	0s33	7s 9	12n58	15s39	15s 8	27n23	3s32	4s 8	S 31

Julian Day Number = 2359472.5, Delta T = 15.40 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'15, Lahiri = 20°20'16Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

JANUARY 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 40 1	10♑ 2'56	14♑37	17♐42	25♑10	1♓26	25♑ 7	6♏54	11♒32	22°R 9	28♏19	17°R19	19♒ 0	29♊40	29♍22	M 1
T 2	6 43 58	11° 4'07	29°45	18°23	26°25	2°13	25°21	6°58	11°35	22♋ 7	28°21	17♒16	18°57	29°46	29°24	T 2
W 3	6 47 54	12° 5'19	14♒36	19°10	27°40	2°59	25°35	7° 2	11°38	22° 6	28°22	17°D15	18°54	29°53	29°25	W 3
T 4	6 51 51	13° 6'30	29° 1	20° 0	28°55	3°45	25°49	7° 7	11°42	22° 4	28°24	17°15	18°51	29°59	29°26	T 4
F 5	6 55 47	14° 7'41	13♓ 0	20°55	0♒11	4°31	26° 3	7°11	11°45	22° 2	28°26	17°17	18°48	0♋ 6	29°27	F 5
S 6	6 59 44	15° 8'52	26°30	21°53	1°26	5°17	26°17	7°15	11°48	22° 0	28°28	17°18	18°44	0°13	29°28	S 6
S 7	7 3 40	16°10'01	9♈35	22°55	2°41	6° 3	26°31	7°19	11°51	21°59	28°30	17°19	18°41	0°20	29°29	S 7
M 8	7 7 37	17°11'11	22°18	23°59	3°56	6°49	26°45	7°23	11°54	21°57	28°31	17°R19	18°38	0°26	29°30	M 8
T 9	7 11 33	18°12'19	4♉42	25° 6	5°11	7°35	26°59	7°27	11°58	21°55	28°33	17°18	18°35	0°33	29°31	T 9
W10	7 15 30	19°13'28	16°53	26°15	6°26	8°21	27°13	7°31	12° 1	21°54	28°35	17°15	18°32	0°40	29°31	W10
T 11	7 19 27	20°14'35	28°53	27°27	7°41	9° 7	27°27	7°34	12° 4	21°52	28°37	17°12	18°29	0°46	29°31	T 11
F 12	7 23 23	21°15'42	10♊47	28°40	8°57	9°53	27°41	7°38	12° 8	21°50	28°38	17° 7	18°25	0°53	29°32	F 12
S 13	7 27 20	22°16'48	22°38	29°55	10°12	10°38	27°55	7°41	12°11	21°49	28°40	17° 2	18°22	1° 0	29°32	S 13
S 14	7 31 16	23°17'54	4♋28	1♑11	11°27	11°24	28°10	7°45	12°14	21°47	28°42	16°58	18°19	1° 6	29°R32	S 14
M15	7 35 13	24°18'59	16°19	2°29	12°42	12°10	28°24	7°48	12°18	21°45	28°43	16°55	18°16	1°13	29°32	M15
T 16	7 39 9	25°20'03	28°15	3°49	13°57	12°56	28°38	7°51	12°21	21°44	28°45	16°52	18°13	1°20	29°32	T 16
W17	7 43 6	26°21'07	10♌15	5° 9	15°12	13°42	28°52	7°55	12°24	21°42	28°46	16°51	18° 9	1°27	29°31	W17
T 18	7 47 2	27°22'10	22°22	6°31	16°27	14°28	29° 6	7°58	12°28	21°40	28°48	16°D51	18° 6	1°33	29°31	T 18
F 19	7 50 59	28°23'13	4♍39	7°53	17°42	15°13	29°20	8° 1	12°31	21°38	28°49	16°52	18° 3	1°40	29°30	F 19
S 20	7 54 56	29°24'15	17° 6	9°17	18°57	15°59	29°35	8° 4	12°35	21°37	28°51	16°53	18° 0	1°47	29°30	S 20
S 21	7 58 52	0♒25'16	29°48	10°41	20°12	16°45	29°49	8° 6	12°38	21°35	28°52	16°55	17°57	1°53	29°29	S 21
M22	8 2 49	1°26'17	12♎46	12° 7	21°26	17°31	0♒ 3	8° 9	12°41	21°33	28°53	16°56	17°54	2° 0	29°28	M22
T 23	8 6 45	2°27'17	26° 3	13°33	22°41	18°16	0°17	8°12	12°45	21°32	28°55	16°57	17°50	2° 7	29°27	T 23
W24	8 10 42	3°28'17	9♏42	15° 0	23°56	19° 2	0°31	8°14	12°48	21°30	28°56	16°R57	17°47	2°13	29°26	W24
T 25	8 14 38	4°29'16	23°42	16°28	25°11	19°48	0°46	8°16	12°52	21°28	28°57	16°56	17°44	2°20	29°24	T 25
F 26	8 18 35	5°30'15	8♐ 4	17°57	26°26	20°33	1° 0	8°19	12°55	21°27	28°58	16°55	17°41	2°27	29°23	F 26
S 27	8 22 31	6°31'13	22°45	19°26	27°41	21°19	1°14	8°21	12°59	21°25	29° 0	16°54	17°38	2°33	29°21	S 27
S 28	8 26 28	7°32'10	7♑39	20°57	28°55	22° 4	1°28	8°23	13° 2	21°24	29° 1	16°52	17°35	2°40	29°20	S 28
M29	8 30 25	8°33'06	22°39	22°28	0♓10	22°50	1°42	8°25	13° 6	21°22	29° 2	16°51	17°31	2°47	29°18	M29
T 30	8 34 21	9°34'01	7♒37	23°59	1°25	23°35	1°56	8°27	13° 9	21°20	29° 3	16°51	17°28	2°53	29°16	T 30
W31	8 38 18	10♒34'56	22♒24	25♑32	2♓40	24♓21	2♒10	8♏29	13♒13	21♋19	29♏ 4	16°D51	17♒25	3♋ 0	29♍14	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 6	25s27	2s48	20s28	2n27	22s26	1s20	11s54	0s59	21s31	0s23	11s36	2n22	17s58	0s39	21n 6	0s33	7s 9	12n58	15s40	15s 9	27n23	3s33	4s 8
T 2	23 1	21 46	1 34	20 40	2 19	22 14	1 21	11 37	0 59	21 29	0 23	11 38	2 22	17 57	0 39	21 7	0 33	7 9	12 58	15 41	15 10	27 22	3 33	4 9
W 3	22 55	16 43	0 14	20 52	2 10	22 0	1 22	11 19	0 58	21 26	0 23	11 39	2 22	17 56	0 39	21 7	0 33	7 9	12 58	15 41	15 11	27 22	3 34	4 9
T 4	22 50	10 50	1n 4	21 4	2 2	21 46	1 24	11 2	0 57	21 24	0 23	11 40	2 22	17 55	0 39	21 7	0 33	7 10	12 59	15 41	15 12	27 21	3 35	4 9
F 5	22 43	4 36	2 16	21 17	1 53	21 31	1 25	10 44	0 56	21 21	0 23	11 41	2 22	17 54	0 39	21 8	0 33	7 10	12 59	15 41	15 13	27 21	3 35	4 9
S 6	22 37	1n38	3 18	21 30	1 44	21 16	1 26	10 27	0 55	21 18	0 23	11 42	2 23	17 54	0 39	21 8	0 33	7 10	12 59	15 40	15 14	27 20	3 36	4 9
S 7	22 30	7 36	4 8	21 42	1 35	21 0	1 27	10 9	0 54	21 16	0 23	11 43	2 23	17 53	0 39	21 8	0 33	7 10	12 59	15 40	15 15	27 19	3 37	4 10
M 8	22 22	13 5	4 44	21 55	1 26	20 43	1 28	9 51	0 53	21 13	0 24	11 44	2 23	17 52	0 39	21 8	0 33	7 10	13 0	15 40	15 16	27 19	3 37	4 10
T 9	22 14	17 54	5 6	22 7	1 16	20 26	1 29	9 33	0 53	21 11	0 24	11 45	2 23	17 51	0 39	21 9	0 33	7 10	13 0	15 40	15 17	27 18	3 38	4 10
W10	22 6	21 54	5 13	22 18	1 7	20 8	1 29	9 15	0 52	21 8	0 24	11 46	2 23	17 50	0 39	21 9	0 33	7 10	13 0	15 41	15 18	27 18	3 38	4 10
T 11	21 57	24 55	5 7	22 29	0 58	19 49	1 30	8 57	0 51	21 5	0 24	11 47	2 24	17 49	0 39	21 9	0 33	7 10	13 0	15 42	15 19	27 17	3 38	4 10
F 12	21 47	26 50	4 47	22 39	0 49	19 30	1 31	8 39	0 50	21 3	0 24	11 48	2 24	17 48	0 39	21 9	0 33	7 10	13 1	15 44	15 20	27 16	3 38	4 10
S 13	21 38	27 31	4 15	22 48	0 41	19 11	1 31	8 21	0 49	21 0	0 24	11 49	2 24	17 47	0 39	21 10	0 33	7 10	13 1	15 45	15 21	27 16	3 39	4 11
S 14	21 28	26 56	3 32	22 56	0 32	18 51	1 32	8 2	0 48	20 57	0 24	11 50	2 24	17 46	0 39	21 10	0 33	7 11	13 1	15 46	15 22	27 15	3 39	4 11
M15	21 17	25 8	2 40	23 4	0 23	18 30	1 32	7 44	0 47	20 54	0 24	11 51	2 25	17 45	0 39	21 10	0 33	7 11	13 2	15 47	15 23	27 14	3 39	4 11
T 16	21 6	22 11	1 41	23 10	0 15	18 9	1 33	7 26	0 47	20 52	0 24	11 52	2 25	17 44	0 39	21 11	0 33	7 11	13 2	15 48	15 24	27 14	3 39	4 11
W17	20 55	18 17	0 36	23 16	0 7	17 47	1 33	7 7	0 46	20 49	0 24	11 53	2 25	17 43	0 39	21 11	0 33	7 11	13 2	15 48	15 25	27 13	3 39	4 11
T 18	20 43	13 36	0s30	23 20	0s 2	17 25	1 34	6 49	0 45	20 46	0 24	11 53	2 25	17 42	0 38	21 11	0 33	7 11	13 2	15 48	15 26	27 12	3 39	4 12
F 19	20 31	8 19	1 37	23 24	0 9	17 2	1 34	6 30	0 44	20 43	0 24	11 54	2 25	17 41	0 38	21 11	0 33	7 11	13 3	15 48	15 27	27 12	3 39	4 12
S 20	20 18	2 39	2 40	23 26	0 17	16 39	1 34	6 12	0 43	20 40	0 25	11 55	2 26	17 40	0 38	21 12	0 33	7 11	13 3	15 48	15 28	27 11	3 39	4 12
S 21	20 5	3s13	3 36	23 27	0 25	16 16	1 34	5 53	0 42	20 37	0 25	11 56	2 26	17 39	0 38	21 12	0 33	7 11	13 3	15 47	15 28	27 10	3 39	4 12
M22	19 52	9 4	4 22	23 27	0 32	15 52	1 34	5 35	0 41	20 34	0 25	11 56	2 26	17 38	0 38	21 12	0 33	7 11	13 4	15 47	15 29	27 9	3 38	4 12
T 23	19 38	14 40	4 56	23 26	0 39	15 27	1 34	5 16	0 41	20 31	0 25	11 57	2 26	17 37	0 38	21 13	0 33	7 11	13 4	15 47	15 30	27 9	3 38	4 12
W24	19 24	19 42	5 14	23 23	0 46	15 2	1 34	4 57	0 40	20 28	0 25	11 57	2 27	17 36	0 38	21 13	0 33	7 10	13 4	15 47	15 31	27 8	3 38	4 12
T 25	19 10	23 48	5 15	23 20	0 53	14 37	1 34	4 39	0 39	20 25	0 25	11 58	2 27	17 35	0 38	21 13	0 33	7 10	13 5	15 47	15 32	27 7	3 37	4 13
F 26	18 55	26 33	4 56	23 15	0 59	14 11	1 33	4 20	0 38	20 22	0 25	11 58	2 27	17 34	0 38	21 13	0 33	7 10	13 5	15 47	15 33	27 7	3 37	4 13
S 27	18 40	27 33	4 17	23 8	1 5	13 45	1 33	4 1	0 37	20 19	0 25	11 59	2 27	17 33	0 38	21 14	0 33	7 10	13 5	15 48	15 34	27 6	3 37	4 13
S 28	18 25	26 36	3 21	23 1	1 11	13 19	1 33	3 42	0 36	20 16	0 25	11 59	2 28	17 32	0 38	21 14	0 33	7 10	13 6	15 48	15 35	27 5	3 36	4 13
M29	18 9	23 43	2 10	22 52	1 17	12 52	1 32	3 24	0 35	20 13	0 25	12 0	2 28	17 32	0 38	21 14	0 33	7 10	13 6	15 48	15 36	27 4	3 35	4 13
T 30	17 53	19 13	0 51	22 42	1 22	12 25	1 32	3 5	0 35	20 10	0 26	12 0	2 28	17 31	0 38	21 14	0 33	7 10	13 6	15 49	15 37	27 3	3 35	4 13
W31	17s37	13s35	0n31	22s30	1s27	11s57	1s31	2s46	0s34	20s 7	0s26	12s 0	2n28	17s30	0s38	21n15	0s33	7s10	13n 7	15s49	15s38	27n 3	3s34	4s13

Julian Day Number = 2359503.5, Delta T = 15.43 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'20, Lahiri = 20°20'20Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

FEBRUARY 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 14	11♒35'48	6♓53	27♉ 5	3♓54	25♓ 6	2♒25	8♏30	13♒16	21°R17	29♏ 5	16♒51	17♒22	3♋ 7	29°R12	T 1
F 2	8 46 11	12°36'40	20°59	28°39	5° 9	25°52	2°39	8°32	13°20	21♋16	29° 6	16°52	17°19	3°14	29♍10	F 2
S 3	8 50 7	13°37'30	4♈38	0♒14	6°24	26°37	2°53	8°33	13°23	21°14	29° 7	16°52	17°15	3°20	29° 8	S 3
S 4	8 54 4	14°38'19	17°52	1°49	7°38	27°22	3° 7	8°35	13°27	21°13	29° 8	16°52	17°12	3°27	29° 5	S 4
M 5	8 58 1	15°39'06	0♉42	3°25	8°53	28° 8	3°21	8°36	13°30	21°11	29° 9	16°52	17° 9	3°34	29° 3	M 5
T 6	9 1 57	16°39'52	13°11	5° 2	10° 7	28°53	3°35	8°37	13°34	21°10	29°10	16°52	17° 6	3°40	29° 0	T 6
W 7	9 5 54	17°40'36	25°23	6°40	11°22	29°38	3°49	8°38	13°37	21° 8	29°11	16°53	17° 3	3°47	28°58	W 7
T 8	9 9 50	18°41'18	7♊23	8°19	12°36	0♈23	4° 3	8°39	13°41	21° 7	29°12	16°53	17° 0	3°54	28°55	T 8
F 9	9 13 47	19°41'59	19°16	9°58	13°51	1° 9	4°17	8°40	13°44	21° 5	29°13	16°53	16°56	4° 0	28°52	F 9
S 10	9 17 43	20°42'38	1♋ 5	11°39	15° 5	1°54	4°31	8°41	13°47	21° 4	29°13	16°53	16°53	4° 7	28°49	S 10
S 11	9 21 40	21°43'16	12°55	13°20	16°20	2°39	4°45	8°41	13°51	21° 2	29°14	16°54	16°50	4°14	28°46	S 11
M12	9 25 36	22°43'52	24°50	15° 2	17°34	3°24	4°59	8°42	13°54	21° 1	29°15	16°54	16°47	4°20	28°43	M12
T 13	9 29 33	23°44'26	6♌51	16°44	18°48	4° 9	5°12	8°42	13°58	20°59	29°15	16°55	16°44	4°27	28°39	T 13
W14	9 33 30	24°44'59	19° 2	18°28	20° 2	4°54	5°26	8°43	14° 1	20°58	29°16	16°R55	16°41	4°34	28°36	W14
T 15	9 37 26	25°45'30	1♍24	20°13	21°17	5°39	5°40	8°43	14° 5	20°57	29°17	16°55	16°37	4°40	28°33	T 15
F 16	9 41 23	26°46'00	13°58	21°58	22°31	6°24	5°54	8°43	14° 8	20°55	29°17	16°54	16°34	4°47	28°29	F 16
S 17	9 45 19	27°46'28	26°45	23°45	23°45	7° 9	6° 8	8°R43	14°12	20°54	29°18	16°52	16°31	4°54	28°26	S 17
S 18	9 49 16	28°46'54	9♎46	25°32	24°59	7°53	6°21	8°43	14°15	20°53	29°18	16°51	16°28	5° 0	28°22	S 18
M19	9 53 12	29°47'19	23° 0	27°21	26°13	8°38	6°35	8°43	14°18	20°52	29°19	16°49	16°25	5° 7	28°18	M19
T 20	9 57 9	0♓47'43	6♏28	29°10	27°27	9°23	6°48	8°43	14°22	20°50	29°19	16°48	16°21	5°14	28°14	T 20
W21	10 1 5	1°48'06	20°10	1♓ 0	28°41	10° 8	7° 2	8°42	14°25	20°49	29°19	16°47	16°18	5°20	28°10	W21
T 22	10 5 2	2°48'27	4♐ 6	2°51	29°55	10°52	7°16	8°42	14°29	20°48	29°20	16°D46	16°15	5°27	28° 6	T 22
F 23	10 8 58	3°48'47	18°14	4°43	1♈ 9	11°37	7°29	8°41	14°32	20°47	29°20	16°47	16°12	5°34	28° 2	F 23
S 24	10 12 55	4°49'05	2♉33	6°36	2°22	12°22	7°42	8°40	14°35	20°46	29°20	16°48	16° 9	5°40	27°58	S 24
S 25	10 16 52	5°49'22	17° 2	8°29	3°36	13° 6	7°56	8°40	14°39	20°45	29°21	16°49	16° 6	5°47	27°54	S 25
M26	10 20 48	6°49'37	1♒34	10°23	4°50	13°51	8° 9	8°39	14°42	20°44	29°21	16°50	16° 2	5°54	27°50	M26
T 27	10 24 45	7°49'51	16° 7	12°18	6° 4	14°35	8°23	8°38	14°45	20°42	29°21	16°R51	15°59	6° 1	27°46	T 27
W28	10 28 41	8°50'02	0♓34	14°14	7°17	15°20	8°36	8°37	14°48	20°41	29°21	16°50	15°56	6° 7	27°41	W28
T 29	10 32 38	9♓50'12	14♓49	16♓ 9	8♈31	16♈ 4	8♒49	8♏35	14♒52	20♋40	29♏21	16♒49	15♒53	6♋14	27♍37	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s20	7s19	1n49	22s17	1s32	11s29	1s30	2s27	0s33	20s 4	0s26	12s 1	2n29	17s29	0s38	21n15	0s33	7s10	13n 7	15s48	15s39	27n 2	3s33	4s13
F 2	17 3	0 51	2 58	22 2	1 37	11 1	1 29	2 8	0 32	20 1	0 26	12 1	2 29	17 28	0 38	21 15	0 33	7 10	13 7	15 48	15 40	27 1	3 33	4 13
S 3	16 46	5n27	3 55	21 47	1 41	10 33	1 29	1 49	0 31	19 58	0 26	12 1	2 29	17 27	0 39	21 16	0 33	7 9	13 8	15 48	15 41	27 0	3 32	4 14
S 4	16 28	11 18	4 38	21 29	1 45	10 4	1 28	1 31	0 30	19 55	0 26	12 2	2 29	17 26	0 38	21 16	0 33	7 9	13 8	15 48	15 42	26 59	3 31	4 14
M 5	16 10	16 30	5 5	21 11	1 49	9 35	1 27	1 12	0 30	19 52	0 26	12 2	2 30	17 25	0 39	21 16	0 33	7 9	13 8	15 48	15 43	26 59	3 30	4 14
T 6	15 52	20 51	5 17	20 51	1 52	9 6	1 26	0 53	0 29	19 48	0 26	12 2	2 30	17 24	0 39	21 16	0 33	7 9	13 9	15 48	15 44	26 58	3 29	4 14
W 7	15 33	24 13	5 14	20 29	1 55	8 37	1 25	0 34	0 28	19 45	0 26	12 2	2 30	17 23	0 39	21 17	0 33	7 9	13 9	15 48	15 45	26 57	3 28	4 14
T 8	15 15	26 28	4 58	20 6	1 58	8 7	1 23	0 16	0 27	19 42	0 26	12 2	2 30	17 22	0 39	21 17	0 32	7 9	13 10	15 48	15 46	26 56	3 27	4 14
F 9	14 56	27 30	4 28	19 42	2 0	7 37	1 22	0n 3	0 26	19 39	0 27	12 2	2 31	17 21	0 39	21 17	0 32	7 8	13 10	15 48	15 47	26 55	3 26	4 14
S 10	14 37	27 16	3 48	19 16	2 2	7 7	1 21	0 22	0 25	19 36	0 27	12 2	2 31	17 20	0 39	21 17	0 32	7 8	13 10	15 48	15 48	26 54	3 25	4 14
S 11	14 17	25 48	2 58	18 49	2 4	6 37	1 19	0 41	0 25	19 32	0 27	12 2	2 31	17 19	0 39	21 17	0 32	7 8	13 11	15 48	15 49	26 54	3 23	4 14
M12	13 57	23 9	2 0	18 20	2 5	6 7	1 18	0 59	0 24	19 29	0 27	12 2	2 31	17 18	0 39	21 18	0 32	7 8	13 11	15 48	15 50	26 53	3 22	4 14
T 13	13 38	19 29	0 56	17 50	2 5	5 36	1 16	1 18	0 23	19 26	0 27	12 2	2 31	17 17	0 39	21 18	0 32	7 7	13 11	15 47	15 51	26 52	3 21	4 14
W14	13 17	14 57	0s12	17 18	2 6	5 6	1 15	1 37	0 22	19 23	0 27	12 2	2 32	17 16	0 39	21 18	0 32	7 7	13 12	15 47	15 52	26 51	3 19	4 14
T 15	12 57	9 45	1 20	16 45	2 6	4 35	1 13	1 55	0 21	19 19	0 27	12 2	2 32	17 15	0 39	21 18	0 32	7 7	13 12	15 47	15 53	26 50	3 18	4 14
F 16	12 37	4 6	2 24	16 11	2 5	4 4	1 11	2 14	0 21	19 16	0 27	12 1	2 32	17 14	0 39	21 19	0 32	7 7	13 13	15 48	15 54	26 49	3 17	4 14
S 17	12 16	1s49	3 23	15 35	2 4	3 33	1 10	2 32	0 20	19 13	0 27	12 1	2 32	17 13	0 39	21 19	0 32	7 6	13 13	15 48	15 55	26 48	3 15	4 14
S 18	11 55	7 45	4 13	14 57	2 3	3 2	1 8	2 51	0 19	19 9	0 28	12 1	2 33	17 12	0 39	21 19	0 32	7 6	13 13	15 49	15 55	26 47	3 14	4 14
M19	11 34	13 26	4 49	14 18	2 1	2 31	1 6	3 9	0 18	19 6	0 28	12 1	2 33	17 11	0 39	21 19	0 32	7 6	13 14	15 49	15 56	26 46	3 12	4 14
T 20	11 12	18 35	5 11	13 38	1 59	2 0	1 4	3 27	0 17	19 3	0 28	12 0	2 33	17 10	0 39	21 19	0 32	7 6	13 14	15 50	15 57	26 45	3 11	4 14
W21	10 51	22 52	5 16	12 56	1 56	1 28	1 2	3 46	0 17	19 0	0 28	12 0	2 33	17 9	0 39	21 20	0 32	7 5	13 14	15 50	15 58	26 44	3 9	4 14
T 22	10 29	25 56	5 2	12 13	1 52	0 57	1 0	4 4	0 16	18 56	0 28	12 0	2 34	17 8	0 39	21 20	0 32	7 5	13 15	15 50	15 59	26 44	3 7	4 14
F 23	10 7	27 26	4 30	11 28	1 48	0 25	0 58	4 22	0 15	18 53	0 28	11 59	2 34	17 7	0 39	21 20	0 32	7 5	13 15	15 50	16 0	26 43	3 6	4 14
S 24	9 45	27 8	3 41	10 43	1 44	0n 6	0 55	4 40	0 14	18 50	0 28	11 59	2 34	17 6	0 39	21 20	0 32	7 4	13 16	15 49	16 1	26 42	3 4	4 13
S 25	9 23	24 59	2 37	9 55	1 39	0 37	0 53	4 58	0 14	18 46	0 28	11 58	2 34	17 5	0 39	21 20	0 32	7 4	13 16	15 49	16 2	26 41	3 2	4 13
M26	9 1	21 12	1 23	9 7	1 33	1 9	0 51	5 16	0 13	18 43	0 29	11 58	2 35	17 4	0 39	21 21	0 32	7 4	13 16	15 49	16 3	26 40	3 0	4 13
T 27	8 39	16 6	0 4	8 17	1 27	1 40	0 48	5 34	0 12	18 40	0 29	11 57	2 35	17 3	0 39	21 21	0 32	7 3	13 17	15 49	16 4	26 39	2 59	4 13
W28	8 16	10 7	1n15	7 27	1 20	2 12	0 46	5 52	0 11	18 36	0 29	11 57	2 35	17 2	0 39	21 21	0 32	7 3	13 17	15 49	16 5	26 38	2 57	4 13
T 29	7s54	3s43	2n28	6s35	1s12	2n43	0s43	6n10	0s10	18s33	0s29	11s56	2n35	17s 1	0s39	21n21	0s32	7s 3	13n17	15s49	16s 6	26n37	2s55	4s13

Julian Day Number = 2359534.5, Delta T = 15.45 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'24, Lahiri = 20°20'24Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

MARCH 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 36 34	10♓50'21	28♓48	18♓ 5	9♈44	16♈48	9♒ 2	8°R34	14♒55	20°R39	29♏21	16°R46	15♒50	6♋21	27°R32	F 1
S 2	10 40 31	11°50'27	12♈26	20° 1	10°58	17°33	9°15	8♏33	14°58	20♋39	29°R21	16♒42	15°47	6°27	27♍28	S 2
S 3	10 44 27	12°50'31	25°42	21°57	12°11	18°17	9°28	8°31	15° 1	20°38	29°21	16°38	15°43	6°34	27°23	S 3
M 4	10 48 24	13°50'33	8♉35	23°52	13°25	19° 1	9°41	8°29	15° 4	20°37	29°21	16°34	15°40	6°41	27°19	M 4
T 5	10 52 21	14°50'33	21° 8	25°46	14°38	19°45	9°54	8°28	15° 8	20°36	29°21	16°31	15°37	6°47	27°14	T 5
W 6	10 56 17	15°50'31	3♊24	27°40	15°51	20°29	10° 7	8°26	15°11	20°35	29°21	16°28	15°34	6°54	27°10	W 6
T 7	11 0 14	16°50'27	15°26	29°32	17° 5	21°13	10°20	8°24	15°14	20°34	29°21	16°D28	15°31	7° 1	27° 5	T 7
F 8	11 4 10	17°50'20	27°19	1♈22	18°18	21°57	10°33	8°22	15°17	20°33	29°21	16°28	15°27	7° 7	27° 0	F 8
S 9	11 8 7	18°50'11	9♋ 8	3° 9	19°31	22°41	10°45	8°20	15°20	20°33	29°20	16°29	15°24	7°14	26°55	S 9
S 10	11 12 3	19°50'00	20°59	4°54	20°44	23°25	10°58	8°18	15°23	20°32	29°20	16°31	15°21	7°21	26°51	S 10
M11	11 16 0	20°49'47	2♌56	6°36	21°57	24° 9	11°10	8°16	15°26	20°31	29°20	16°33	15°18	7°27	26°46	M11
T 12	11 19 56	21°49'32	15° 3	8°14	23°10	24°53	11°23	8°13	15°29	20°31	29°19	16°R34	15°15	7°34	26°41	T 12
W13	11 23 53	22°49'14	27°23	9°47	24°23	25°37	11°35	8°11	15°32	20°30	29°19	16°33	15°12	7°41	26°36	W13
T 14	11 27 50	23°48'54	10♍ 0	11°16	25°35	26°21	11°48	8° 8	15°35	20°29	29°19	16°31	15° 8	7°47	26°32	T 14
F 15	11 31 46	24°48'32	22°53	12°40	26°48	27° 4	12° 0	8° 6	15°38	20°29	29°18	16°27	15° 5	7°54	26°27	F 15
S 16	11 35 43	25°48'08	6♎ 3	13°58	28° 1	27°48	12°12	8° 3	15°41	20°28	29°18	16°21	15° 2	8° 1	26°22	S 16
S 17	11 39 39	26°47'42	19°29	15°10	29°13	28°32	12°24	8° 0	15°43	20°28	29°17	16°14	14°59	8° 7	26°17	S 17
M18	11 43 36	27°47'15	3♏ 8	16°16	0♉26	29°15	12°36	7°57	15°46	20°27	29°17	16° 7	14°56	8°14	26°12	M18
T 19	11 47 32	28°46'45	16°59	17°15	1°38	29°59	12°48	7°54	15°49	20°27	29°16	16° 1	14°52	8°21	26° 7	T 19
W20	11 51 29	29°46'14	0♐57	18° 7	2°51	0♉42	13° 0	7°51	15°52	20°27	29°16	15°56	14°49	8°27	26° 3	W20
T 21	11 55 25	0♈45'41	15° 1	18°51	4° 3	1°26	13°12	7°48	15°55	20°26	29°15	15°53	14°46	8°34	25°58	T 21
F 22	11 59 22	1°45'06	29° 8	19°29	5°15	2° 9	13°24	7°45	15°57	20°26	29°14	15°D52	14°43	8°41	25°53	F 22
S 23	12 3 19	2°44'29	13♑17	19°58	6°27	2°53	13°35	7°42	16° 0	20°26	29°14	15°52	14°40	8°47	25°48	S 23
S 24	12 7 15	3°43'51	27°26	20°20	7°39	3°36	13°47	7°39	16° 3	20°25	29°13	15°53	14°37	8°54	25°43	S 24
M25	12 11 12	4°43'11	11♒34	20°35	8°51	4°19	13°58	7°35	16° 5	20°25	29°12	15°R54	14°33	9° 1	25°39	M25
T 26	12 15 8	5°42'29	25°39	20°R42	10° 3	5° 2	14°10	7°32	16° 8	20°25	29°11	15°54	14°30	9° 7	25°34	T 26
W27	12 19 5	6°41'45	9♓39	20°42	11°15	5°45	14°21	7°28	16°10	20°25	29°11	15°51	14°27	9°14	25°29	W27
T 28	12 23 1	7°40'59	23°29	20°34	12°27	6°29	14°32	7°25	16°13	20°25	29°10	15°47	14°24	9°21	25°25	T 28
F 29	12 26 58	8°40'11	7♈ 8	20°20	13°39	7°12	14°43	7°21	16°15	20°25	29° 9	15°40	14°21	9°27	25°20	F 29
S 30	12 30 54	9°39'21	20°32	19°59	14°50	7°55	14°54	7°17	16°18	20°24	29° 8	15°31	14°18	9°34	25°15	S 30
S 31	12 34 51	10♈38'29	3♉39	19♈33	16♉ 2	8♉38	15♒ 5	7♏13	16♒20	20°D24	29♏ 7	15♒21	14♒14	9♋41	25♍11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s31	2n44	3n31	5s42	1s 4	3n14	0s41	6n28	0s10	18s29	0s29	11s55	2n35	17s 0	0s39	21n21	0s32	7s 2	13n18	15s50	16s 7	26n36	2s53	4s13
S 2	7 8	8 54	4 20	4 49	0 56	3 45	0 38	6 46	0 9	18 26	0 29	11 55	2 36	16 59	0 39	21 22	0 32	7 2	13 18	15 51	16 8	26 35	2 51	4 12
S 3	6 45	14 29	4 53	3 54	0 46	4 17	0 36	7 3	0 8	18 23	0 29	11 54	2 36	16 58	0 39	21 22	0 32	7 2	13 19	15 53	16 9	26 34	2 49	4 12
M 4	6 22	19 17	5 11	3 0	0 36	4 48	0 33	7 21	0 7	18 19	0 30	11 53	2 36	16 57	0 39	21 22	0 32	7 1	13 19	15 54	16 10	26 33	2 47	4 12
T 5	5 59	23 5	5 13	2 5	0 26	5 19	0 30	7 38	0 7	18 16	0 30	11 53	2 36	16 56	0 39	21 22	0 32	7 1	13 19	15 55	16 11	26 32	2 45	4 12
W 6	5 35	25 46	5 0	1 10	0 15	5 49	0 28	7 55	0 6	18 13	0 30	11 52	2 37	16 56	0 39	21 22	0 32	7 0	13 20	15 55	16 12	26 31	2 43	4 12
T 7	5 12	27 13	4 35	0 15	0 4	6 20	0 25	8 13	0 5	18 9	0 30	11 51	2 37	16 55	0 39	21 22	0 32	7 0	13 20	15 56	16 13	26 30	2 41	4 11
F 8	4 49	27 24	3 58	0n40	0n 8	6 51	0 22	8 30	0 4	18 6	0 30	11 50	2 37	16 54	0 39	21 22	0 32	7 0	13 20	15 55	16 13	26 28	2 39	4 11
S 9	4 25	26 20	3 11	1 34	0 20	7 21	0 19	8 47	0 4	18 3	0 30	11 49	2 37	16 53	0 39	21 23	0 32	6 59	13 21	15 55	16 14	26 27	2 37	4 11
S 10	4 2	24 4	2 15	2 27	0 33	7 51	0 16	9 4	0 3	17 59	0 30	11 48	2 37	16 52	0 39	21 23	0 32	6 59	13 21	15 54	16 15	26 26	2 35	4 11
M11	3 38	20 44	1 14	3 19	0 46	8 22	0 13	9 21	0 2	17 56	0 30	11 48	2 38	16 51	0 39	21 23	0 32	6 58	13 21	15 54	16 16	26 25	2 33	4 10
T 12	3 15	16 29	0 8	4 10	0 59	8 51	0 10	9 38	0 1	17 53	0 31	11 47	2 38	16 50	0 39	21 23	0 32	6 58	13 22	15 54	16 17	26 24	2 30	4 10
W13	2 51	11 29	0s59	4 59	1 12	9 21	0 7	9 54	0 1	17 50	0 31	11 46	2 38	16 49	0 39	21 23	0 32	6 58	13 22	15 54	16 18	26 23	2 28	4 10
T 14	2 28	5 55	2 4	5 46	1 24	9 51	0 4	10 11	0 0	17 46	0 31	11 45	2 38	16 49	0 39	21 23	0 32	6 57	13 23	15 55	16 19	26 22	2 26	4 10
F 15	2 4	0 0	3 5	6 30	1 37	10 20	0 1	10 27	0n 1	17 43	0 31	11 44	2 38	16 48	0 39	21 23	0 32	6 57	13 23	15 56	16 20	26 21	2 24	4 9
S 16	1 40	6s 1	3 57	7 12	1 50	10 49	0n 2	10 44	0 1	17 40	0 31	11 43	2 39	16 47	0 39	21 23	0 32	6 56	13 23	15 58	16 21	26 20	2 22	4 9
S 17	1 17	11 54	4 36	7 52	2 2	11 18	0 5	11 0	0 2	17 36	0 31	11 42	2 39	16 46	0 39	21 24	0 32	6 56	13 24	16 0	16 22	26 19	2 19	4 9
M18	0 53	17 17	5 1	8 28	2 14	11 46	0 8	11 16	0 3	17 33	0 32	11 40	2 39	16 45	0 39	21 24	0 32	6 56	13 24	16 2	16 23	26 17	2 17	4 8
T 19	0 29	21 52	5 9	9 1	2 25	12 14	0 12	11 32	0 3	17 30	0 32	11 39	2 39	16 44	0 39	21 24	0 32	6 55	13 24	16 4	16 24	26 16	2 15	4 8
W20	0 5	25 15	4 59	9 30	2 35	12 42	0 15	11 48	0 4	17 27	0 32	11 38	2 39	16 44	0 39	21 24	0 31	6 55	13 25	16 5	16 25	26 15	2 13	4 8
T 21	0n18	27 6	4 30	9 56	2 45	13 10	0 18	12 4	0 5	17 24	0 32	11 37	2 39	16 43	0 39	21 24	0 31	6 54	13 25	16 6	16 26	26 14	2 10	4 7
F 22	0 42	27 14	3 45	10 19	2 54	13 37	0 21	12 20	0 6	17 20	0 32	11 36	2 40	16 42	0 39	21 24	0 31	6 54	13 25	16 6	16 27	26 13	2 8	4 7
S 23	1 5	25 35	2 47	10 37	3 2	14 4	0 24	12 35	0 6	17 17	0 32	11 35	2 40	16 41	0 39	21 24	0 31	6 53	13 26	16 6	16 27	26 12	2 6	4 6
S 24	1 29	22 18	1 38	10 52	3 8	14 31	0 28	12 51	0 7	17 14	0 32	11 34	2 40	16 41	0 39	21 24	0 31	6 53	13 26	16 6	16 28	26 11	2 4	4 6
M25	1 53	17 43	0 23	11 2	3 14	14 58	0 31	13 6	0 8	17 11	0 33	11 32	2 40	16 40	0 39	21 24	0 31	6 52	13 26	16 6	16 29	26 9	2 1	4 6
T 26	2 16	12 10	0n52	11 8	3 18	15 24	0 34	13 21	0 8	17 8	0 33	11 31	2 40	16 39	0 39	21 24	0 31	6 52	13 26	16 6	16 30	26 8	1 59	4 5
W27	2 40	6 3	2 4	11 11	3 20	15 49	0 37	13 36	0 9	17 5	0 33	11 30	2 40	16 38	0 39	21 24	0 31	6 52	13 27	16 6	16 31	26 7	1 57	4 5
T 28	3 3	0n17	3 8	11 9	3 21	16 14	0 41	13 51	0 10	17 1	0 33	11 29	2 40	16 38	0 39	21 24	0 31	6 51	13 27	16 8	16 32	26 6	1 55	4 4
F 29	3 27	6 30	4 0	11 3	3 21	16 39	0 44	14 6	0 10	16 58	0 33	11 27	2 41	16 37	0 39	21 24	0 31	6 51	13 27	16 10	16 33	26 5	1 52	4 4
S 30	3 50	12 18	4 37	10 53	3 19	17 4	0 47	14 20	0 11	16 55	0 33	11 26	2 41	16 36	0 39	21 24	0 31	6 50	13 28	16 13	16 34	26 3	1 50	4 3
S 31	4n13	17n26	4n59	10n40	3n15	17n28	0n50	14n35	0n12	16s52	0s34	11s25	2n41	16s36	0s40	21n24	0s31	6s50	13n28	16s15	16s35	26n 2	1s48	4s 3

Julian Day Number = 2359563.5, Delta T = 15.48 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'28, Lahiri = 20°20'28Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

APRIL 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 38 48	11♈37'35	16♉28	19°R 1	17♉13	9♉21	15♒16	7°R10	16♒22	20♋24	29°R 6	15°R11	14♒11	9♋47	25°R 6	M 1
T 2	12 42 44	12°36'39	28°59	18♈25	18°25	10° 4	15°27	7♏ 6	16°25	20°25	29♏ 5	15♒ 2	14° 8	9°54	25♍ 2	T 2
W 3	12 46 41	13°35'40	11♊14	17°45	19°36	10°46	15°37	7° 2	16°27	20°25	29° 4	14°55	14° 5	10° 1	24°57	W 3
T 4	12 50 37	14°34'40	23°16	17° 2	20°47	11°29	15°48	6°58	16°29	20°25	29° 3	14°50	14° 2	10° 7	24°53	T 4
F 5	12 54 34	15°33'37	5♋ 9	16°18	21°58	12°12	15°58	6°54	16°31	20°25	29° 2	14°48	13°58	10°14	24°49	F 5
S 6	12 58 30	16°32'31	16°59	15°32	23° 9	12°55	16° 8	6°50	16°33	20°25	29° 1	14°D47	13°55	10°21	24°45	S 6
S 7	13 2 27	17°31'24	28°49	14°45	24°20	13°37	16°18	6°46	16°36	20°25	29° 0	14°48	13°52	10°27	24°40	S 7
M 8	13 6 23	18°30'14	10♌47	14° 0	25°31	14°20	16°29	6°41	16°38	20°25	28°59	14°R48	13°49	10°34	24°36	M 8
T 9	13 10 20	19°29'01	22°56	13°16	26°42	15° 3	16°39	6°37	16°40	20°26	28°58	14°48	13°46	10°41	24°32	T 9
W10	13 14 17	20°27'47	5♍22	12°34	27°52	15°45	16°48	6°33	16°42	20°26	28°57	14°46	13°43	10°47	24°28	W10
T 11	13 18 13	21°26'30	18° 8	11°54	29° 3	16°28	16°58	6°29	16°44	20°26	28°55	14°42	13°39	10°54	24°24	T 11
F 12	13 22 10	22°25'11	1♎15	11°19	0♊13	17°10	17° 8	6°24	16°45	20°27	28°54	14°35	13°36	11° 1	24°20	F 12
S 13	13 26 6	23°23'50	14°45	10°47	1°24	17°52	17°17	6°20	16°47	20°27	28°53	14°26	13°33	11° 7	24°16	S 13
S 14	13 30 3	24°22'27	28°35	10°20	2°34	18°35	17°27	6°16	16°49	20°28	28°52	14°15	13°30	11°14	24°13	S 14
M15	13 33 59	25°21'03	12♏42	9°57	3°44	19°17	17°36	6°11	16°51	20°28	28°50	14° 4	13°27	11°21	24° 9	M15
T 16	13 37 56	26°19'36	27° 0	9°39	4°54	19°59	17°45	6° 7	16°53	20°29	28°49	13°54	13°24	11°27	24° 5	T 16
W17	13 41 52	27°18'08	11♐23	9°27	6° 4	20°41	17°54	6° 2	16°54	20°29	28°48	13°45	13°20	11°34	24° 2	W17
T 18	13 45 49	28°16'38	25°47	9°19	7°13	21°24	18° 3	5°58	16°56	20°30	28°46	13°39	13°17	11°41	23°58	T 18
F 19	13 49 46	29°15'06	10♑ 5	9°D16	8°23	22° 6	18°12	5°53	16°58	20°30	28°45	13°36	13°14	11°47	23°55	F 19
S 20	13 53 42	0♉13'33	24°17	9°19	9°33	22°48	18°20	5°49	16°59	20°31	28°44	13°35	13°11	11°54	23°52	S 20
S 21	13 57 39	1°11'58	8♒20	9°26	10°42	23°30	18°29	5°44	17° 1	20°32	28°42	13°35	13° 8	12° 1	23°49	S 21
M22	14 1 35	2°10'22	22°14	9°38	11°51	24°12	18°37	5°40	17° 2	20°32	28°41	13°35	13° 4	12° 7	23°46	M22
T 23	14 5 32	3° 8'44	5♓59	9°55	13° 0	24°54	18°45	5°35	17° 4	20°33	28°39	13°33	13° 1	12°14	23°43	T 23
W24	14 9 28	4° 7'04	19°35	10°17	14°10	25°36	18°54	5°31	17° 5	20°34	28°38	13°29	12°58	12°21	23°40	W24
T 25	14 13 25	5° 5'23	3♈ 1	10°43	15°18	26°17	19° 2	5°26	17° 6	20°35	28°36	13°22	12°55	12°27	23°37	T 25
F 26	14 17 21	6° 3'40	16°16	11°13	16°27	26°59	19° 9	5°22	17° 8	20°35	28°35	13°13	12°52	12°34	23°34	F 26
S 27	14 21 18	7° 1'55	29°19	11°47	17°36	27°41	19°17	5°17	17° 9	20°36	28°33	13° 1	12°49	12°41	23°32	S 27
S 28	14 25 14	8° 0'09	12♉ 9	12°25	18°44	28°23	19°25	5°13	17°10	20°37	28°32	12°48	12°45	12°47	23°29	S 28
M29	14 29 11	8°58'21	24°45	13° 7	19°53	29° 4	19°32	5° 8	17°11	20°38	28°30	12°35	12°42	12°54	23°27	M29
T 30	14 33 8	9♉56'31	7♊ 7	13♈53	21♊ 1	29♉46	19♒39	5♏ 3	17♒12	20♋39	28♏29	12♒22	12♒39	13♋ 1	23♍24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n36	21n39	5n 5	10n23	3n 9	17n52	0n54	14n49	0n12	16s49	0s34	11s23	2n41	16s35	0s40	21n24	0s31	6s49	13n28	16s18	16s36	26n 1	1s46	4s 3
T 2	4 59	24 47	4 56	10 2	3 2	18 15	0 57	15 4	0 13	16 46	0 34	11 22	2 41	16 34	0 40	21 25	0 31	6 49	13 28	16 21	16 37	26 0	1 44	4 2
W 3	5 22	26 41	4 34	9 39	2 54	18 37	1 0	15 18	0 14	16 43	0 34	11 20	2 41	16 34	0 40	21 25	0 31	6 48	13 29	16 23	16 38	25 58	1 41	4 2
T 4	5 45	27 18	4 0	9 13	2 43	19 0	1 3	15 32	0 14	16 40	0 34	11 19	2 41	16 33	0 40	21 25	0 31	6 48	13 29	16 24	16 39	25 57	1 39	4 1
F 5	6 8	26 38	3 16	8 45	2 32	19 22	1 7	15 45	0 15	16 37	0 35	11 18	2 41	16 32	0 40	21 25	0 31	6 47	13 29	16 25	16 39	25 56	1 37	4 1
S 6	6 31	24 46	2 23	8 16	2 19	19 43	1 10	15 59	0 15	16 34	0 35	11 16	2 41	16 32	0 40	21 25	0 31	6 47	13 29	16 25	16 40	25 55	1 35	4 0
S 7	6 53	21 48	1 24	7 45	2 5	20 4	1 13	16 12	0 16	16 32	0 35	11 15	2 42	16 31	0 40	21 25	0 31	6 46	13 30	16 25	16 41	25 53	1 33	3 59
M 8	7 16	17 54	0 22	7 13	1 51	20 24	1 16	16 26	0 17	16 29	0 35	11 13	2 42	16 30	0 40	21 25	0 31	6 46	13 30	16 25	16 42	25 52	1 31	3 59
T 9	7 38	13 13	0s43	6 42	1 35	20 44	1 19	16 39	0 17	16 26	0 35	11 12	2 42	16 30	0 40	21 25	0 31	6 46	13 30	16 25	16 43	25 51	1 28	3 58
W10	8 0	7 54	1 47	6 11	1 19	21 3	1 22	16 52	0 18	16 23	0 35	11 11	2 42	16 29	0 40	21 24	0 31	6 45	13 30	16 26	16 44	25 50	1 26	3 58
T 11	8 22	2 8	2 48	5 40	1 2	21 22	1 26	17 5	0 19	16 20	0 36	11 9	2 42	16 29	0 40	21 24	0 31	6 45	13 31	16 27	16 45	25 48	1 24	3 57
F 12	8 44	3s52	3 41	5 11	0 46	21 40	1 29	17 17	0 19	16 18	0 36	11 8	2 42	16 28	0 40	21 24	0 31	6 44	13 31	16 29	16 46	25 47	1 22	3 57
S 13	9 6	9 51	4 23	4 43	0 29	21 58	1 32	17 30	0 20	16 15	0 36	11 6	2 42	16 28	0 40	21 24	0 31	6 44	13 31	16 32	16 47	25 46	1 20	3 56
S 14	9 28	15 31	4 51	4 17	0 13	22 15	1 35	17 42	0 20	16 12	0 36	11 5	2 42	16 27	0 40	21 24	0 31	6 43	13 31	16 35	16 48	25 44	1 18	3 56
M15	9 49	20 27	5 2	3 54	0s 4	22 31	1 38	17 55	0 21	16 10	0 36	11 3	2 42	16 27	0 40	21 24	0 31	6 43	13 31	16 38	16 49	25 43	1 16	3 55
T 16	10 10	24 17	4 54	3 32	0 19	22 47	1 40	18 7	0 22	16 7	0 37	11 2	2 42	16 26	0 40	21 24	0 31	6 42	13 32	16 41	16 50	25 42	1 14	3 54
W17	10 32	26 36	4 28	3 13	0 35	23 3	1 43	18 18	0 22	16 4	0 37	11 0	2 42	16 26	0 40	21 24	0 31	6 42	13 32	16 43	16 50	25 40	1 12	3 54
T 18	10 53	27 9	3 45	2 56	0 50	23 18	1 46	18 30	0 23	16 2	0 37	10 59	2 42	16 25	0 40	21 24	0 31	6 42	13 32	16 45	16 51	25 39	1 10	3 53
F 19	11 13	25 52	2 47	2 42	1 4	23 32	1 49	18 42	0 23	15 59	0 37	10 57	2 42	16 25	0 40	21 24	0 31	6 41	13 32	16 46	16 52	25 38	1 8	3 53
S 20	11 34	22 56	1 40	2 31	1 17	23 45	1 52	18 53	0 24	15 57	0 37	10 56	2 42	16 24	0 40	21 24	0 31	6 41	13 32	16 46	16 53	25 36	1 7	3 52
S 21	11 54	18 39	0 28	2 22	1 30	23 58	1 54	19 4	0 25	15 54	0 38	10 54	2 42	16 24	0 40	21 24	0 31	6 40	13 32	16 46	16 54	25 35	1 5	3 51
M22	12 15	13 24	0n46	2 16	1 42	24 10	1 57	19 15	0 25	15 52	0 38	10 53	2 42	16 24	0 40	21 24	0 31	6 40	13 33	16 46	16 55	25 34	1 3	3 51
T 23	12 35	7 32	1 56	2 12	1 53	24 22	2 0	19 26	0 26	15 50	0 38	10 51	2 42	16 23	0 40	21 24	0 31	6 39	13 33	16 47	16 56	25 32	1 1	3 50
W24	12 55	1 24	2 58	2 11	2 3	24 33	2 2	19 37	0 26	15 47	0 38	10 50	2 42	16 23	0 40	21 24	0 30	6 39	13 33	16 48	16 57	25 31	0 59	3 49
T 25	13 14	4n43	3 50	2 13	2 13	24 43	2 4	19 47	0 27	15 45	0 38	10 48	2 42	16 22	0 40	21 24	0 30	6 39	13 33	16 50	16 58	25 29	0 58	3 49
F 26	13 34	10 31	4 28	2 16	2 42	24 53	2 7	19 57	0 27	15 43	0 39	10 47	2 42	16 22	0 40	21 24	0 30	6 38	13 33	16 53	16 59	25 28	0 56	3 48
S 27	13 53	15 47	4 52	2 22	2 29	25 2	2 9	20 7	0 28	15 41	0 39	10 45	2 42	16 22	0 40	21 23	0 30	6 38	13 33	16 56	16 59	25 27	0 54	3 47
S 28	14 12	20 15	5 0	2 31	2 37	25 11	2 11	20 17	0 28	15 38	0 39	10 44	2 42	16 21	0 40	21 23	0 30	6 37	13 33	17 0	17 0	25 25	0 53	3 47
M29	14 31	23 43	4 53	2 41	2 43	25 18	2 14	20 27	0 29	15 36	0 39	10 42	2 42	16 21	0 41	21 23	0 30	6 37	13 33	17 3	17 1	25 24	0 51	3 46
T 30	14n49	26n 1	4n33	2n54	2s49	25n26	2n16	20n37	0n30	15s34	0s40	10s41	2n42	16s21	0s41	21n23	0s30	6s37	13n33	17s 7	17s 2	25n22	0s50	3s45

Julian Day Number = 2359594.5, Delta T = 15.50 sec
Ecliptic obliquity = 23°28'26, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'32, Lahiri = 20°20'33Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

MAY 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 37 4	10♉54'39	19♊16	14♈42	22♊ 9	0♊28	19♒46	4°R59	17♒13	20♋40	28°R27	12°R12	12♒36	13♋ 7	23°R22	W 1
T 2	14 41 1	11°52'46	1♋15	15°34	23°17	1° 9	19°53	4♏54	17°14	20°41	28♏26	12♒ 5	12°33	13°14	23♍20	T 2
F 3	14 44 57	12°50'51	13° 7	16°30	24°25	1°51	20° 0	4°50	17°15	20°42	28°24	12° 0	12°29	13°21	23°18	F 3
S 4	14 48 54	13°48'53	24°55	17°28	25°33	2°32	20° 7	4°45	17°16	20°43	28°23	11°58	12°26	13°27	23°16	S 4
S 5	14 52 50	14°46'54	6♌44	18°30	26°40	3°14	20°13	4°41	17°17	20°44	28°21	11°57	12°23	13°34	23°14	S 5
M 6	14 56 47	15°44'53	18°41	19°35	27°47	3°55	20°20	4°37	17°18	20°45	28°19	11°57	12°20	13°41	23°13	M 6
T 7	15 0 44	16°42'50	0♍50	20°42	28°55	4°36	20°26	4°32	17°18	20°47	28°18	11°57	12°17	13°47	23°11	T 7
W 8	15 4 40	17°40'45	13°16	21°52	0♋ 1	5°18	20°32	4°28	17°19	20°48	28°16	11°55	12°14	13°54	23° 9	W 8
T 9	15 8 37	18°38'39	26° 5	23° 4	1° 8	5°59	20°38	4°23	17°20	20°49	28°15	11°50	12°10	14° 1	23° 8	T 9
F 10	15 12 33	19°36'30	9♎19	24°20	2°15	6°40	20°44	4°19	17°20	20°50	28°13	11°44	12° 7	14° 7	23° 7	F 10
S 11	15 16 30	20°34'20	22°59	25°37	3°21	7°21	20°49	4°15	17°21	20°51	28°11	11°35	12° 4	14°14	23° 6	S 11
S 12	15 20 26	21°32'09	7♏ 5	26°57	4°28	8° 2	20°55	4°11	17°21	20°53	28°10	11°24	12° 1	14°21	23° 5	S 12
M13	15 24 23	22°29'56	21°33	28°20	5°34	8°43	21° 0	4° 6	17°22	20°54	28° 8	11°13	11°58	14°27	23° 4	M13
T 14	15 28 19	23°27'41	6♐14	29°45	6°39	9°24	21° 5	4° 2	17°22	20°55	28° 6	11° 2	11°55	14°34	23° 3	T 14
W15	15 32 16	24°25'25	21° 3	1♑12	7°45	10° 5	21°10	3°58	17°23	20°57	28° 5	10°53	11°51	14°41	23° 2	W15
T 16	15 36 13	25°23'08	5♑50	2°42	8°50	10°46	21°14	3°54	17°23	20°58	28° 3	10°47	11°48	14°47	23° 2	T 16
F 17	15 40 9	26°20'50	20°29	4°14	9°56	11°27	21°19	3°50	17°23	21° 0	28° 1	10°44	11°45	14°54	23° 1	F 17
S 18	15 44 6	27°18'31	4♒54	5°48	11° 1	12° 8	21°23	3°46	17°24	21° 1	28° 0	10°D42	11°42	15° 1	23° 1	S 18
S 19	15 48 2	28°16'11	19° 3	7°24	12° 5	12°49	21°28	3°42	17°24	21° 3	27°58	10°42	11°39	15° 7	23° 1	S 19
M20	15 51 59	29°13'49	2♓56	9° 3	13°10	13°30	21°32	3°38	17°24	21° 4	27°56	10°R42	11°35	15°14	23° 0	M20
T 21	15 55 55	0♊11'27	16°32	10°44	14°14	14°11	21°36	3°34	17°24	21° 6	27°55	10°41	11°32	15°21	23°D 0	T 21
W22	15 59 52	1° 9'04	29°54	12°27	15°18	14°51	21°39	3°31	17°R24	21° 7	27°53	10°38	11°29	15°27	23° 1	W22
T 23	16 3 48	2° 6'39	13♈ 1	14°13	16°22	15°32	21°43	3°27	17°24	21° 9	27°52	10°33	11°26	15°34	23° 1	T 23
F 24	16 7 45	3° 4'14	25°56	16° 0	17°26	16°13	21°46	3°23	17°24	21°10	27°50	10°24	11°23	15°41	23° 1	F 24
S 25	16 11 42	4° 1'48	8♉39	17°50	18°29	16°53	21°49	3°20	17°24	21°12	27°48	10°14	11°20	15°47	23° 2	S 25
S 26	16 15 38	4°59'21	21°11	19°43	19°32	17°34	21°52	3°16	17°23	21°14	27°47	10° 3	11°16	15°54	23° 2	S 26
M27	16 19 35	5°56'53	3♊31	21°37	20°35	18°14	21°55	3°13	17°23	21°15	27°45	9°51	11°13	16° 1	23° 3	M27
T 28	16 23 31	6°54'24	15°42	23°34	21°38	18°55	21°58	3° 9	17°23	21°17	27°43	9°40	11°10	16° 7	23° 4	T 28
W29	16 27 28	7°51'53	27°43	25°32	22°40	19°35	22° 0	3° 6	17°23	21°19	27°42	9°32	11° 7	16°14	23° 5	W29
T 30	16 31 24	8°49'22	9♋36	27°33	23°42	20°16	22° 2	3° 3	17°22	21°20	27°40	9°25	11° 4	16°21	23° 6	T 30
F 31	16 35 21	9♊46'50	21♋25	29♉36	24♋44	20♊56	22♒ 4	2♏59	17♒22	21♋22	27♏38	9♒21	11♒ 1	16♋27	23♍ 7	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 7	27n 2	4n 0	3n 8	2s53	25n32	2n18	20n46	0n30	15s32	0s40	10s39	2n42	16s20	0s41	21n23	0s30	6s36	13n33	17s10	17s 3	25n21	0s48	3s45
T 2	15 25	26 46	3 18	3 24	2 58	25 38	2 20	20 55	0 31	15 30	0 40	10 38	2 42	16 20	0 41	21 23	0 30	6 36	13 34	17 12	17 4	25 20	0 47	3 44
F 3	15 43	25 15	2 26	3 43	3 1	25 43	2 22	21 4	0 31	15 28	0 40	10 37	2 42	16 20	0 41	21 23	0 30	6 35	13 34	17 13	17 5	25 18	0 45	3 43
S 4	16 0	22 38	1 29	4 2	3 4	25 47	2 23	21 13	0 32	15 26	0 40	10 35	2 42	16 20	0 41	21 23	0 30	6 35	13 34	17 14	17 6	25 17	0 44	3 43
S 5	16 18	19 4	0 28	4 24	3 6	25 51	2 25	21 21	0 32	15 24	0 41	10 34	2 42	16 19	0 41	21 22	0 30	6 35	13 34	17 14	17 7	25 15	0 43	3 42
M 6	16 35	14 41	0s36	4 47	3 7	25 54	2 27	21 30	0 33	15 23	0 41	10 32	2 42	16 19	0 41	21 22	0 30	6 34	13 34	17 14	17 8	25 14	0 41	3 41
T 7	16 51	9 40	1 38	5 12	3 7	25 56	2 28	21 38	0 33	15 21	0 41	10 31	2 42	16 19	0 41	21 22	0 30	6 34	13 34	17 14	17 8	25 12	0 40	3 41
W 8	17 8	4 9	2 38	5 38	3 7	25 58	2 30	21 46	0 34	15 19	0 41	10 30	2 41	16 19	0 41	21 22	0 30	6 34	13 34	17 15	17 9	25 11	0 39	3 40
T 9	17 24	1s40	3 31	6 6	3 6	25 59	2 31	21 54	0 34	15 18	0 42	10 28	2 41	16 19	0 41	21 22	0 30	6 33	13 34	17 16	17 10	25 9	0 38	3 39
F 10	17 40	7 36	4 15	6 34	3 5	26 0	2 32	22 1	0 35	15 16	0 42	10 27	2 41	16 19	0 41	21 22	0 30	6 33	13 34	17 18	17 11	25 8	0 36	3 38
S 11	17 55	13 22	4 46	7 5	3 3	25 59	2 33	22 9	0 35	15 14	0 42	10 25	2 41	16 18	0 41	21 21	0 30	6 33	13 34	17 20	17 12	25 6	0 35	3 38
S 12	18 10	18 37	5 0	7 36	3 0	25 58	2 35	22 16	0 36	15 13	0 42	10 24	2 41	16 18	0 41	21 21	0 30	6 32	13 34	17 23	17 13	25 5	0 34	3 37
M13	18 25	22 56	4 56	8 8	2 57	25 57	2 36	22 23	0 36	15 11	0 43	10 23	2 41	16 18	0 41	21 21	0 30	6 32	13 34	17 26	17 14	25 3	0 33	3 36
T 14	18 40	25 51	4 33	8 42	2 53	25 55	2 36	22 30	0 37	15 10	0 43	10 22	2 41	16 18	0 41	21 21	0 30	6 32	13 34	17 29	17 15	25 2	0 32	3 36
W15	18 54	27 1	3 51	9 16	2 49	25 52	2 37	22 36	0 37	15 9	0 43	10 20	2 41	16 18	0 41	21 21	0 30	6 31	13 34	17 32	17 16	25 0	0 31	3 35
T 16	19 8	26 14	2 54	9 51	2 44	25 48	2 38	22 43	0 38	15 7	0 43	10 19	2 41	16 18	0 41	21 21	0 30	6 31	13 34	17 33	17 16	24 59	0 30	3 34
F 17	19 22	23 39	1 45	10 27	2 39	25 44	2 38	22 49	0 38	15 6	0 43	10 18	2 40	16 18	0 41	21 20	0 30	6 31	13 34	17 34	17 17	24 57	0 30	3 33
S 18	19 35	19 34	0 31	11 4	2 33	25 39	2 39	22 55	0 39	15 5	0 44	10 17	2 40	16 18	0 41	21 20	0 30	6 30	13 33	17 35	17 18	24 56	0 29	3 33
S 19	19 48	14 26	0n44	11 42	2 26	25 34	2 39	23 1	0 39	15 4	0 44	10 15	2 40	16 18	0 41	21 20	0 30	6 30	13 33	17 35	17 19	24 54	0 28	3 32
M20	20 1	8 39	1 55	12 20	2 19	25 28	2 39	23 6	0 40	15 3	0 44	10 14	2 40	16 18	0 41	21 20	0 30	6 30	13 33	17 34	17 20	24 53	0 27	3 31
T 21	20 13	2 35	2 58	12 59	2 11	25 21	2 39	23 12	0 40	15 2	0 44	10 13	2 40	16 18	0 41	21 20	0 30	6 30	13 33	17 35	17 21	24 51	0 27	3 31
W22	20 25	3n28	3 50	13 38	2 3	25 14	2 39	23 17	0 40	15 1	0 45	10 12	2 40	16 18	0 41	21 19	0 30	6 29	13 33	17 36	17 22	24 49	0 26	3 30
T 23	20 37	9 16	4 29	14 18	1 55	25 6	2 39	23 22	0 41	15 0	0 45	10 11	2 40	16 18	0 41	21 19	0 30	6 29	13 33	17 37	17 23	24 48	0 25	3 29
F 24	20 48	14 35	4 53	14 57	1 46	24 58	2 39	23 27	0 41	14 59	0 45	10 10	2 39	16 18	0 41	21 19	0 30	6 29	13 33	17 39	17 23	24 46	0 25	3 28
S 25	20 59	19 10	5 3	15 37	1 37	24 49	2 38	23 31	0 42	14 58	0 45	10 9	2 39	16 18	0 42	21 19	0 30	6 29	13 33	17 42	17 24	24 45	0 24	3 28
S 26	21 10	22 51	4 57	16 17	1 27	24 39	2 38	23 36	0 42	14 58	0 46	10 8	2 39	16 18	0 42	21 18	0 30	6 29	13 33	17 45	17 25	24 43	0 24	3 27
M27	21 20	25 26	4 38	16 57	1 18	24 29	2 37	23 40	0 43	14 57	0 46	10 7	2 39	16 18	0 42	21 18	0 30	6 28	13 33	17 48	17 26	24 42	0 24	3 26
T 28	21 30	26 47	4 6	17 36	1 7	24 18	2 36	23 44	0 43	14 56	0 46	10 6	2 39	16 18	0 42	21 18	0 30	6 28	13 32	17 51	17 27	24 40	0 23	3 26
W29	21 39	26 50	3 23	18 15	0 57	24 7	2 35	23 47	0 44	14 56	0 46	10 5	2 39	16 19	0 42	21 18	0 30	6 28	13 32	17 54	17 28	24 38	0 23	3 25
T 30	21 48	25 39	2 32	18 53	0 46	23 55	2 34	23 51	0 44	14 55	0 47	10 4	2 38	16 19	0 42	21 17	0 30	6 28	13 32	17 55	17 29	24 37	0 23	3 24
F 31	21n57	23n19	1n34	19n31	0s36	23n43	2n33	23n54	0n44	14s55	0s47	10s 3	2n38	16s19	0s42	21n17	0s30	6s28	13n32	17s56	17s30	24n35	0s23	3s23

Julian Day Number = 2359624.5, Delta T = 15.52 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'36, Lahiri = 20°20'37Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

JUNE 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 17	10♊44'16	3♌12	1♊40	25♋45	21♊37	22♒ 6	2°R56	17°R21	21♋24	27°R37	9°R19	10♒57	16♋34	23♍ 8	S 1
S 2	16 43 14	11°41'41	15° 0	3°46	26°46	22°17	22° 8	2♏53	17♒21	21°26	27♏35	9°D19	10°54	16°41	23° 9	S 2
M 3	16 47 11	12°39'06	26°56	5°54	27°47	22°57	22° 9	2°50	17°20	21°27	27°34	9♒20	10°51	16°47	23°11	M 3
T 4	16 51 7	13°36'29	9♍ 4	8° 3	28°47	23°37	22°11	2°47	17°20	21°29	27°32	9°R21	10°48	16°54	23°12	T 4
W 5	16 55 4	14°33'50	21°29	10°13	29°47	24°18	22°12	2°45	17°19	21°31	27°31	9°21	10°45	17° 1	23°14	W 5
T 6	16 59 0	15°31'11	4♎16	12°24	0♌46	24°58	22°13	2°42	17°18	21°33	27°29	9°19	10°41	17° 7	23°16	T 6
F 7	17 2 57	16°28'31	17°28	14°35	1°46	25°38	22°13	2°39	17°18	21°35	27°27	9°15	10°38	17°14	23°18	F 7
S 8	17 6 53	17°25'50	1♏10	16°47	2°44	26°18	22°14	2°37	17°17	21°37	27°26	9° 9	10°35	17°20	23°20	S 8
S 9	17 10 50	18°23'07	15°19	18°59	3°43	26°58	22°14	2°34	17°16	21°39	27°24	9° 2	10°32	17°27	23°22	S 9
M10	17 14 46	19°20'25	29°54	21°11	4°41	27°38	22°R14	2°32	17°15	21°41	27°23	8°55	10°29	17°34	23°24	M10
T 11	17 18 43	20°17'41	14♐48	23°22	5°38	28°18	22°14	2°29	17°14	21°43	27°21	8°48	10°26	17°40	23°27	T 11
W12	17 22 40	21°14'57	29°53	25°33	6°35	28°58	22°14	2°27	17°13	21°45	27°20	8°42	10°22	17°47	23°29	W12
T 13	17 26 36	22°12'12	15♑ 0	27°43	7°32	29°38	22°14	2°25	17°12	21°47	27°18	8°38	10°19	17°54	23°32	T 13
F 14	17 30 33	23° 9'27	29°58	29°51	8°28	0♋18	22°13	2°23	17°11	21°49	27°17	8°36	10°16	18° 0	23°34	F 14
S 15	17 34 29	24° 6'41	14♒41	1♋58	9°24	0°58	22°12	2°21	17°10	21°51	27°16	8°D36	10°13	18° 7	23°37	S 15
S 16	17 38 26	25° 3'55	29° 5	4° 4	10°19	1°38	22°11	2°19	17° 9	21°53	27°14	8°37	10°10	18°14	23°40	S 16
M17	17 42 22	26° 1'09	13♓ 6	6° 8	11°13	2°17	22°10	2°17	17° 8	21°55	27°13	8°38	10° 7	18°20	23°43	M17
T 18	17 46 19	26°58'23	26°44	8°10	12° 8	2°57	22° 8	2°16	17° 6	21°57	27°11	8°R39	10° 3	18°27	23°46	T 18
W19	17 50 15	27°55'37	10♈ 2	10°10	13° 1	3°37	22° 7	2°14	17° 5	21°59	27°10	8°38	10° 0	18°34	23°50	W19
T 20	17 54 12	28°52'50	23° 1	12° 8	13°54	4°17	22° 5	2°13	17° 4	22° 1	27° 9	8°35	9°57	18°40	23°53	T 20
F 21	17 58 9	29°50'04	5♉43	14° 4	14°46	4°56	22° 3	2°11	17° 3	22° 3	27° 7	8°31	9°54	18°47	23°56	F 21
S 22	18 2 5	0♋47'17	18°12	15°59	15°38	5°36	22° 1	2°10	17° 1	22° 5	27° 6	8°26	9°51	18°54	24° 0	S 22
S 23	18 6 2	1°44'30	0♊29	17°51	16°29	6°15	21°59	2° 9	17° 0	22° 7	27° 5	8°20	9°47	19° 0	24° 4	S 23
M24	18 9 58	2°41'44	12°36	19°40	17°19	6°55	21°56	2° 7	16°58	22° 9	27° 4	8°13	9°44	19° 7	24° 7	M24
T 25	18 13 55	3°38'57	24°36	21°28	18° 9	7°35	21°53	2° 6	16°57	22°11	27° 2	8° 7	9°41	19°14	24°11	T 25
W26	18 17 51	4°36'10	6♋29	23°14	18°58	8°14	21°50	2° 5	16°55	22°13	27° 1	8° 3	9°38	19°20	24°15	W26
T 27	18 21 48	5°33'23	18°18	24°57	19°46	8°54	21°47	2° 5	16°54	22°16	27° 0	7°59	9°35	19°27	24°19	T 27
F 28	18 25 45	6°30'36	0♌ 5	26°38	20°34	9°33	21°44	2° 4	16°52	22°18	26°59	7°58	9°32	19°34	24°23	F 28
S 29	18 29 41	7°27'49	11°52	28°18	21°21	10°13	21°41	2° 3	16°50	22°20	26°58	7°D57	9°28	19°40	24°28	S 29
S 30	18 33 38	8♋25'01	23♌43	29♋54	22♌ 6	10♋52	21♒37	2♏ 3	16♒49	22♋22	26♏56	7♒58	9♒25	19♋47	24♍32	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 5	20n 0	0n33	20n 7	0s25	23n30	2n31	23n57	0n45	14s54	0s47	10s 2	2n38	16s19	0s42	21n17	0s30	6s27	13n32	17s57	17s30	24n33	0s22	3s23
S 2	22 13	15 52	0s31	20 42	0 14	23 17	2 30	24 0	0 45	14 54	0 48	10 1	2 38	16 19	0 42	21 17	0 30	6 27	13 32	17 57	17 31	24 32	0 22	3 22
M 3	22 21	11 5	1 33	21 16	0 3	23 3	2 28	24 3	0 46	14 54	0 48	10 0	2 38	16 19	0 42	21 16	0 30	6 27	13 31	17 57	17 32	24 30	0 22	3 21
T 4	22 28	5 49	2 33	21 48	0n 8	22 49	2 26	24 5	0 46	14 54	0 48	10 0	2 37	16 20	0 42	21 16	0 29	6 27	13 31	17 56	17 33	24 29	0 22	3 21
W 5	22 35	0 13	3 27	22 19	0 18	22 34	2 24	24 7	0 47	14 54	0 48	9 59	2 37	16 20	0 42	21 16	0 29	6 27	13 31	17 57	17 34	24 27	0 22	3 20
T 6	22 41	5s33	4 12	22 47	0 28	22 19	2 22	24 10	0 47	14 54	0 49	9 58	2 37	16 20	0 42	21 16	0 29	6 27	13 31	17 57	17 35	24 25	0 22	3 19
F 7	22 47	11 16	4 46	23 13	0 38	22 4	2 20	24 11	0 47	14 54	0 49	9 57	2 37	16 20	0 42	21 15	0 29	6 27	13 30	17 58	17 36	24 24	0 22	3 18
S 8	22 53	16 38	5 4	23 37	0 48	21 48	2 17	24 13	0 48	14 54	0 49	9 57	2 36	16 21	0 42	21 15	0 29	6 27	13 30	17 59	17 36	24 22	0 23	3 18
S 9	22 58	21 19	5 5	23 58	0 57	21 32	2 15	24 14	0 48	14 54	0 49	9 56	2 36	16 21	0 42	21 15	0 29	6 26	13 30	18 1	17 37	24 20	0 23	3 17
M10	23 3	24 50	4 47	24 16	1 6	21 15	2 12	24 16	0 48	14 54	0 50	9 55	2 36	16 21	0 42	21 15	0 29	6 26	13 30	18 3	17 38	24 19	0 23	3 16
T 11	23 7	26 44	4 9	24 32	1 14	20 58	2 9	24 17	0 49	14 54	0 50	9 55	2 36	16 22	0 42	21 14	0 29	6 26	13 30	18 5	17 39	24 17	0 23	3 16
W12	23 11	26 42	3 13	24 45	1 21	20 41	2 6	24 17	0 49	14 55	0 50	9 54	2 36	16 22	0 42	21 14	0 29	6 26	13 29	18 7	17 40	24 15	0 24	3 15
T 13	23 15	24 41	2 4	24 55	1 28	20 23	2 2	24 18	0 50	14 55	0 50	9 54	2 35	16 22	0 42	21 14	0 29	6 26	13 29	18 8	17 41	24 13	0 24	3 14
F 14	23 18	20 57	0 47	25 3	1 34	20 5	1 59	24 18	0 50	14 55	0 51	9 53	2 35	16 23	0 42	21 13	0 29	6 26	13 29	18 8	17 42	24 12	0 24	3 14
S 15	23 21	15 55	0n33	25 7	1 40	19 46	1 55	24 19	0 50	14 56	0 51	9 53	2 35	16 23	0 42	21 13	0 29	6 26	13 28	18 8	17 43	24 10	0 25	3 13
S 16	23 23	10 7	1 49	25 9	1 44	19 28	1 51	24 19	0 51	14 57	0 51	9 52	2 35	16 23	0 42	21 13	0 29	6 26	13 28	18 8	17 43	24 8	0 25	3 12
M17	23 25	3 57	2 56	25 8	1 48	19 9	1 47	24 18	0 51	14 57	0 51	9 52	2 34	16 24	0 42	21 12	0 29	6 26	13 28	18 8	17 44	24 7	0 26	3 12
T 18	23 26	2n14	3 51	25 4	1 51	18 50	1 43	24 18	0 52	14 58	0 52	9 52	2 34	16 24	0 42	21 12	0 29	6 26	13 28	18 8	17 45	24 5	0 27	3 11
W19	23 27	8 9	4 33	24 58	1 54	18 30	1 38	24 17	0 52	14 59	0 52	9 51	2 34	16 25	0 42	21 12	0 29	6 26	13 27	18 8	17 46	24 3	0 27	3 10
T 20	23 28	13 35	4 59	24 50	1 56	18 10	1 34	24 16	0 52	15 0	0 52	9 51	2 34	16 25	0 42	21 11	0 29	6 26	13 27	18 8	17 47	24 1	0 28	3 9
F 21	23 28	18 19	5 10	24 40	1 56	17 51	1 29	24 15	0 53	15 0	0 53	9 51	2 33	16 25	0 42	21 11	0 29	6 26	13 27	18 9	17 48	24 0	0 29	3 9
S 22	23 28	22 10	5 6	24 27	1 57	17 30	1 24	24 14	0 53	15 1	0 53	9 51	2 33	16 26	0 43	21 11	0 29	6 26	13 26	18 11	17 48	23 58	0 30	3 8
S 23	23 28	24 58	4 48	24 12	1 56	17 10	1 19	24 13	0 53	15 2	0 53	9 51	2 33	16 26	0 43	21 11	0 29	6 26	13 26	18 13	17 49	23 56	0 30	3 7
M24	23 27	26 35	4 17	23 56	1 55	16 50	1 13	24 11	0 54	15 3	0 53	9 50	2 33	16 27	0 43	21 10	0 29	6 26	13 26	18 14	17 50	23 54	0 31	3 7
T 25	23 25	26 56	3 35	23 37	1 53	16 29	1 8	24 9	0 54	15 5	0 54	9 50	2 32	16 27	0 43	21 10	0 29	6 27	13 25	18 16	17 51	23 53	0 32	3 6
W26	23 24	26 2	2 44	23 18	1 51	16 8	1 2	24 7	0 54	15 6	0 54	9 50	2 32	16 28	0 43	21 10	0 29	6 27	13 25	18 17	17 52	23 51	0 33	3 6
T 27	23 21	23 58	1 46	22 56	1 48	15 47	0 56	24 5	0 55	15 7	0 54	9 50	2 32	16 28	0 43	21 9	0 29	6 27	13 24	18 18	17 53	23 49	0 34	3 5
F 28	23 19	20 52	0 43	22 34	1 44	15 26	0 49	24 3	0 55	15 8	0 54	9 50	2 32	16 29	0 43	21 9	0 29	6 27	13 24	18 18	17 54	23 47	0 35	3 4
S 29	23 16	16 55	0s21	22 10	1 40	15 5	0 43	24 0	0 55	15 10	0 55	9 50	2 31	16 29	0 43	21 9	0 29	6 27	13 24	18 18	17 54	23 45	0 36	3 4
S 30	23n12	12n17	1s26	21n45	1n35	14n44	0n36	23n57	0n56	15s11	0s55	9s50	2n31	16s30	0s43	21n 8	0s29	6s27	13n23	18s18	17s55	23n44	0s37	3s 3

Julian Day Number = 2359655.5, Delta T = 15.55 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'41, Lahiri = 20°20'41Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

JULY 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 37 34	9♋22'13	5♍42	1♌29	22♌51	11♋31	21°R33	2°R 2	16°R47	22♋24	26°R55	8♒ 0	9♒22	19♋54	24♍36	M 1
T 2	18 41 31	10°19'25	17°51	3° 2	23°36	12°11	21♒29	2♏ 2	16♒45	22°26	26♏54	8° 2	9°19	20° 0	24°41	T 2
W 3	18 45 27	11°16'37	0♎16	4°32	24°19	12°50	21°25	2° 1	16°43	22°29	26°53	8° 3	9°16	20° 7	24°46	W 3
T 4	18 49 24	12°13'48	13° 1	6° 0	25° 1	13°29	21°21	2° 1	16°42	22°31	26°52	8°R 3	9°13	20°14	24°50	T 4
F 5	18 53 20	13°11'00	26° 9	7°26	25°42	14° 9	21°16	2°D 1	16°40	22°33	26°51	8° 3	9° 9	20°20	24°55	F 5
S 6	18 57 17	14° 8'11	9♏44	8°50	26°22	14°48	21°12	2° 1	16°38	22°35	26°50	8° 1	9° 6	20°27	25° 0	S 6
S 7	19 1 14	15° 5'22	23°47	10°11	27° 1	15°27	21° 7	2° 1	16°36	22°37	26°49	7°58	9° 3	20°34	25° 5	S 7
M 8	19 5 10	16° 2'33	8♐17	11°30	27°39	16° 6	21° 2	2° 2	16°34	22°40	26°48	7°56	9° 0	20°40	25°10	M 8
T 9	19 9 7	16°59'45	23° 9	12°46	28°16	16°45	20°57	2° 2	16°32	22°42	26°47	7°53	8°57	20°47	25°15	T 9
W10	19 13 3	17°56'56	8♑16	14° 0	28°51	17°25	20°52	2° 2	16°30	22°44	26°46	7°51	8°53	20°53	25°21	W10
T 11	19 17 0	18°54'08	23°29	15°12	29°25	18° 4	20°46	2° 3	16°28	22°46	26°46	7°49	8°50	21° 0	25°26	T 11
F 12	19 20 56	19°51'20	8♒38	16°21	29°58	18°43	20°41	2° 4	16°26	22°49	26°45	7°D49	8°47	21° 7	25°31	F 12
S 13	19 24 53	20°48'33	23°35	17°27	0♍30	19°22	20°35	2° 4	16°24	22°51	26°44	7°49	8°44	21°13	25°37	S 13
S 14	19 28 49	21°45'46	8♓13	18°31	1° 0	20° 1	20°29	2° 5	16°22	22°53	26°43	7°50	8°41	21°20	25°42	S 14
M15	19 32 46	22°43'00	22°26	19°32	1°28	20°40	20°23	2° 6	16°20	22°55	26°42	7°52	8°38	21°27	25°48	M15
T 16	19 36 43	23°40'14	6♈13	20°29	1°55	21°19	20°17	2° 7	16°18	22°57	26°42	7°52	8°34	21°33	25°54	T 16
W17	19 40 39	24°37'29	19°35	21°24	2°21	21°58	20°11	2° 8	16°16	23° 0	26°41	7°R53	8°31	21°40	26° 0	W17
T 18	19 44 36	25°34'45	2♉34	22°16	2°45	22°37	20° 4	2° 9	16°13	23° 2	26°40	7°53	8°28	21°47	26° 6	T 18
F 19	19 48 32	26°32'02	15°12	23° 4	3° 7	23°16	19°58	2°11	16°11	23° 4	26°40	7°52	8°25	21°53	26°12	F 19
S 20	19 52 29	27°29'20	27°34	23°49	3°27	23°54	19°51	2°12	16° 9	23° 6	26°39	7°51	8°22	22° 0	26°18	S 20
S 21	19 56 25	28°26'39	9♊42	24°30	3°46	24°33	19°45	2°13	16° 7	23° 9	26°39	7°50	8°19	22° 7	26°24	S 21
M22	20 0 22	29°23'59	21°41	25° 7	4° 3	25°12	19°38	2°15	16° 5	23°11	26°38	7°49	8°15	22°13	26°30	M22
T 23	20 4 18	0♌21'19	3♋33	25°41	4°17	25°51	19°31	2°17	16° 2	23°13	26°38	7°48	8°12	22°20	26°36	T 23
W24	20 8 15	1°18'40	15°21	26°10	4°30	26°30	19°24	2°19	16° 0	23°15	26°37	7°47	8° 9	22°27	26°43	W24
T 25	20 12 12	2°16'03	27° 9	26°35	4°41	27° 9	19°17	2°20	15°58	23°17	26°37	7°47	8° 6	22°33	26°49	T 25
F 26	20 16 8	3°13'25	8♌57	26°56	4°50	27°47	19°10	2°22	15°55	23°20	26°36	7°D47	8° 3	22°40	26°56	F 26
S 27	20 20 5	4°10'49	20°49	27°12	4°56	28°26	19° 2	2°24	15°53	23°22	26°36	7°47	7°59	22°47	27° 2	S 27
S 28	20 24 1	5° 8'13	2♍47	27°23	5° 1	29° 5	18°55	2°27	15°51	23°24	26°36	7°47	7°56	22°53	27° 9	S 28
M29	20 27 58	6° 5'39	14°52	27°30	5°R 3	29°44	18°48	2°29	15°48	23°26	26°35	7°47	7°53	23° 0	27°16	M29
T 30	20 31 54	7° 3'04	27° 9	27°R31	5° 2	0♌22	18°40	2°31	15°46	23°28	26°35	7°47	7°50	23° 6	27°23	T 30
W31	20 35 51	8♌ 0'31	9♎40	27♌27	5♍ 0	1♌ 1	18♒32	2♏34	15♒44	23♋31	26♏35	7°R47	7♒47	23♋13	27♍29	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 9	7n10	2s27	21n19	1n29	14n23	0n29	23n54	0n56	15s13	0s55	9s50	2n31	16s30	0s43	21n 8	0s29	6s27	13n23	18s18	17s56	23n42	0s39	3s 2
T 2	23 4	1 43	3 22	20 52	1 23	14 1	0 22	23 51	0 56	15 14	0 55	9 50	2 31	16 31	0 43	21 8	0 29	6 27	13 23	18 17	17 57	23 40	0 40	3 2
W 3	23 0	3s55	4 9	20 24	1 17	13 40	0 15	23 48	0 57	15 16	0 56	9 51	2 30	16 32	0 43	21 7	0 29	6 28	13 22	18 17	17 58	23 38	0 41	3 1
T 4	22 55	9 31	4 45	19 56	1 10	13 19	0 7	23 44	0 57	15 17	0 56	9 51	2 30	16 32	0 43	21 7	0 29	6 28	13 22	18 17	17 59	23 36	0 42	3 0
F 5	22 49	14 53	5 8	19 27	1 2	12 57	0s 1	23 40	0 57	15 19	0 56	9 51	2 30	16 33	0 43	21 6	0 29	6 28	13 21	18 17	17 59	23 35	0 44	3 0
S 6	22 43	19 43	5 15	18 57	0 54	12 36	0 9	23 36	0 58	15 21	0 56	9 51	2 29	16 33	0 43	21 6	0 29	6 28	13 21	18 17	18 0	23 33	0 45	2 59
S 7	22 37	23 38	5 3	18 27	0 46	12 15	0 17	23 32	0 58	15 22	0 57	9 52	2 29	16 34	0 43	21 6	0 29	6 28	13 21	18 18	18 1	23 31	0 46	2 59
M 8	22 30	26 12	4 32	17 57	0 37	11 54	0 26	23 28	0 58	15 24	0 57	9 52	2 29	16 35	0 43	21 5	0 29	6 28	13 20	18 19	18 2	23 29	0 48	2 58
T 9	22 23	27 0	3 42	17 27	0 28	11 33	0 35	23 23	0 58	15 26	0 57	9 52	2 29	16 35	0 43	21 5	0 29	6 29	13 20	18 19	18 3	23 27	0 49	2 57
W10	22 16	25 49	2 36	16 56	0 18	11 12	0 44	23 19	0 59	15 28	0 57	9 53	2 28	16 36	0 43	21 5	0 29	6 29	13 19	18 20	18 4	23 25	0 51	2 57
T 11	22 8	22 43	1 18	16 25	0 8	10 52	0 53	23 14	0 59	15 30	0 57	9 53	2 28	16 36	0 43	21 4	0 29	6 29	13 19	18 20	18 4	23 23	0 53	2 56
F 12	22 0	18 3	0n 5	15 55	0s 3	10 31	1 3	23 9	0 59	15 32	0 58	9 54	2 28	16 37	0 43	21 4	0 29	6 29	13 18	18 20	18 5	23 22	0 54	2 55
S 13	21 52	12 19	1 26	15 25	0 14	10 11	1 13	23 3	1 0	15 34	0 58	9 54	2 28	16 38	0 43	21 4	0 29	6 30	13 18	18 20	18 6	23 20	0 56	2 55
S 14	21 43	6 1	2 40	14 54	0 25	9 51	1 23	22 58	1 0	15 36	0 58	9 55	2 27	16 38	0 43	21 3	0 29	6 30	13 17	18 20	18 7	23 18	0 57	2 54
M15	21 33	0n24	3 43	14 25	0 36	9 31	1 33	22 52	1 0	15 38	0 58	9 55	2 27	16 39	0 43	21 3	0 29	6 30	13 17	18 20	18 8	23 16	0 59	2 54
T 16	21 24	6 36	4 30	13 55	0 48	9 12	1 43	22 47	1 0	15 40	0 59	9 56	2 27	16 40	0 43	21 3	0 29	6 31	13 17	18 20	18 9	23 14	1 1	2 53
W17	21 14	12 19	5 1	13 26	1 0	8 53	1 54	22 41	1 1	15 42	0 59	9 56	2 26	16 40	0 43	21 2	0 29	6 31	13 16	18 19	18 9	23 12	1 3	2 53
T 18	21 3	17 19	5 15	12 58	1 12	8 34	2 5	22 35	1 1	15 45	0 59	9 57	2 26	16 41	0 43	21 2	0 29	6 31	13 16	18 19	18 10	23 10	1 5	2 52
F 19	20 53	21 25	5 14	12 31	1 25	8 15	2 16	22 28	1 1	15 47	0 59	9 58	2 26	16 42	0 43	21 1	0 29	6 32	13 15	18 20	18 11	23 8	1 6	2 51
S 20	20 42	24 29	4 58	12 4	1 37	7 57	2 28	22 22	1 2	15 49	0 59	9 58	2 26	16 42	0 43	21 1	0 29	6 32	13 15	18 20	18 12	23 6	1 8	2 51
S 21	20 30	26 22	4 29	11 38	1 50	7 40	2 40	22 15	1 2	15 52	1 0	9 59	2 25	16 43	0 43	21 1	0 29	6 32	13 14	18 20	18 13	23 5	1 10	2 50
M22	20 18	27 1	3 49	11 14	2 3	7 22	2 52	22 9	1 2	15 54	1 0	10 0	2 25	16 44	0 43	21 0	0 29	6 33	13 14	18 20	18 14	23 3	1 12	2 50
T 23	20 6	26 24	2 59	10 50	2 16	7 6	3 4	22 2	1 2	15 56	1 0	10 1	2 25	16 44	0 43	21 0	0 29	6 33	13 13	18 21	18 14	23 1	1 14	2 49
W24	19 54	24 36	2 1	10 28	2 29	6 50	3 16	21 55	1 3	15 59	1 0	10 2	2 25	16 45	0 43	21 0	0 29	6 33	13 13	18 21	18 15	22 59	1 16	2 49
T 25	19 41	21 43	0 59	10 8	2 42	6 34	3 29	21 47	1 3	16 1	1 0	10 3	2 24	16 46	0 43	20 59	0 29	6 34	13 12	18 21	18 16	22 57	1 18	2 48
F 26	19 28	17 56	0s 7	9 48	2 55	6 19	3 41	21 40	1 3	16 3	1 1	10 4	2 24	16 46	0 43	20 59	0 29	6 34	13 12	18 21	18 17	22 55	1 20	2 48
S 27	19 14	13 26	1 12	9 31	3 8	6 5	3 54	21 32	1 3	16 6	1 1	10 4	2 24	16 47	0 43	20 59	0 29	6 34	13 11	18 21	18 18	22 53	1 22	2 47
S 28	19 1	8 24	2 15	9 16	3 20	5 51	4 7	21 25	1 4	16 8	1 1	10 5	2 24	16 48	0 43	20 58	0 29	6 35	13 11	18 21	18 19	22 51	1 25	2 46
M29	18 47	3 1	3 12	9 2	3 32	5 38	4 20	21 17	1 4	16 11	1 1	10 6	2 23	16 49	0 43	20 58	0 29	6 35	13 10	18 21	18 19	22 49	1 27	2 46
T 30	18 32	2s33	4 1	8 51	3 44	5 26	4 33	21 9	1 4	16 13	1 1	10 8	2 23	16 49	0 43	20 57	0 29	6 36	13 10	18 21	18 20	22 47	1 29	2 45
W31	18n17	8s 8	4s40	8n42	3s55	5n15	4s47	21n 0	1n 4	16s16	1s 1	10s 9	2n23	16s50	0s43	20n57	0s29	6s36	13n 9	18s21	18s21	22n45	1s31	2s45

Julian Day Number = 2359685.5, Delta T = 15.57 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'45, Lahiri = 20°20'45Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1748
geocentric

AUGUST 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 47	8♌57'58	22♎27	27°R18	4°R55	1♌39	18°R25	2♏36	15°R41	23♋33	26°R35	7°R47	7♒44	23♋20	27♍36	T 1
F 2	20 43 44	9°55'26	5♏34	27♌ 3	4♍48	2°18	18♒17	2°39	15♒39	23°35	26♏35	7°D47	7°40	23°26	27°43	F 2
S 3	20 47 41	10°52'55	19° 3	26°43	4°38	2°57	18°10	2°41	15°37	23°37	26°34	7♒47	7°37	23°33	27°50	S 3
S 4	20 51 37	11°50'25	2♐56	26°18	4°26	3°35	18° 2	2°44	15°34	23°39	26°34	7°47	7°34	23°40	27°57	S 4
M 5	20 55 34	12°47'55	17°12	25°49	4°11	4°14	17°54	2°47	15°32	23°41	26°34	7°48	7°31	23°46	28° 5	M 5
T 6	20 59 30	13°45'27	1♑50	25°14	3°54	4°52	17°46	2°50	15°29	23°43	26°34	7°48	7°28	23°53	28°12	T 6
W 7	21 3 27	14°42'59	16°44	24°35	3°35	5°31	17°38	2°53	15°27	23°46	26°D34	7°49	7°25	24° 0	28°19	W 7
T 8	21 7 23	15°40'32	1♒49	23°53	3°14	6° 9	17°31	2°56	15°25	23°48	26°34	7°R49	7°21	24° 6	28°27	T 8
F 9	21 11 20	16°38'06	16°55	23° 7	2°50	6°48	17°23	3° 0	15°22	23°50	26°34	7°49	7°18	24°13	28°34	F 9
S 10	21 15 16	17°35'42	1♓54	22°19	2°25	7°26	17°15	3° 3	15°20	23°52	26°34	7°48	7°15	24°20	28°41	S 10
S 11	21 19 13	18°33'19	16°38	21°29	1°57	8° 5	17° 7	3° 6	15°18	23°54	26°35	7°48	7°12	24°26	28°49	S 11
M12	21 23 10	19°30'57	0♈59	20°38	1°28	8°43	16°59	3°10	15°15	23°56	26°35	7°46	7° 9	24°33	28°56	M12
T 13	21 27 6	20°28'36	14°55	19°48	0°57	9°21	16°51	3°13	15°13	23°58	26°35	7°45	7° 5	24°40	29° 4	T 13
W14	21 31 3	21°26'17	28°24	18°59	0°24	10° 0	16°44	3°17	15°10	24° 0	26°35	7°43	7° 2	24°46	29°12	W14
T 15	21 34 59	22°24'00	11♉27	18°12	29♌50	10°38	16°36	3°21	15° 8	24° 2	26°35	7°42	6°59	24°53	29°19	T 15
F 16	21 38 56	23°21'45	24° 7	17°28	29°15	11°17	16°28	3°24	15° 6	24° 4	26°36	7°D42	6°56	25° 0	29°27	F 16
S 17	21 42 52	24°19'31	6♊27	16°48	28°39	11°55	16°20	3°28	15° 3	24° 6	26°36	7°43	6°53	25° 6	29°35	S 17
S 18	21 46 49	25°17'19	18°32	16°14	28° 3	12°33	16°13	3°32	15° 1	24° 8	26°36	7°44	6°50	25°13	29°43	S 18
M19	21 50 45	26°15'08	0♋27	15°45	27°26	13°12	16° 5	3°36	14°59	24°10	26°37	7°45	6°46	25°19	29°51	M19
T 20	21 54 42	27°13'00	12°16	15°23	26°49	13°50	15°57	3°41	14°56	24°12	26°37	7°47	6°43	25°26	29°59	T 20
W21	21 58 39	28°10'53	24° 3	15° 8	26°11	14°28	15°50	3°45	14°54	24°14	26°38	7°48	6°40	25°33	0♎ 7	W21
T 22	22 2 35	29° 8'47	5♌52	15°D 0	25°35	15° 6	15°42	3°49	14°52	24°16	26°38	7°R48	6°37	25°39	0°15	T 22
F 23	22 6 32	0♍ 6'43	17°45	15° 0	24°58	15°45	15°35	3°53	14°49	24°18	26°39	7°48	6°34	25°46	0°23	F 23
S 24	22 10 28	1° 4'41	29°45	15° 8	24°23	16°23	15°28	3°58	14°47	24°20	26°39	7°47	6°31	25°53	0°31	S 24
S 25	22 14 25	2° 2'40	11♍54	15°25	23°48	17° 1	15°21	4° 2	14°45	24°21	26°40	7°44	6°27	25°59	0°39	S 25
M26	22 18 21	3° 0'41	24°14	15°49	23°14	17°39	15°13	4° 7	14°43	24°23	26°40	7°40	6°24	26° 6	0°47	M26
T 27	22 22 18	3°58'43	6♎45	16°22	22°42	18°17	15° 6	4°11	14°40	24°25	26°41	7°36	6°21	26°13	0°56	T 27
W28	22 26 14	4°56'47	19°29	17° 3	22°12	18°56	14°59	4°16	14°38	24°27	26°42	7°32	6°18	26°19	1° 4	W28
T 29	22 30 11	5°54'53	2♏27	17°51	21°43	19°34	14°52	4°21	14°36	24°29	26°43	7°28	6°15	26°26	1°12	T 29
F 30	22 34 8	6°53'00	15°40	18°47	21°16	20°12	14°46	4°26	14°34	24°30	26°43	7°25	6°11	26°33	1°21	F 30
S 31	22 38 4	7♍51'08	29♏10	19♌50	20♌50	20♌50	14♒39	4♏31	14♒32	24♋32	26♏44	7♒24	6♒ 8	26♋39	1♎29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 2	13s29	5s 6	8n35	4s 6	5n 4	5s 0	20n52	1n 5	16s18	1s 2	10s10	2n23	16s51	0s43	20n57	0s29	6s37	13n 9	18s21	18s22	22n43	1s34	2s44
F 2	17 47	18 23	5 17	8 31	4 15	4 54	5 13	20 44	1 5	16 21	1 2	10 11	2 22	16 51	0 43	20 56	0 29	6 37	13 8	18 21	18 23	22 41	1 36	2 44
S 3	17 32	22 30	5 12	8 29	4 24	4 45	5 26	20 35	1 5	16 23	1 2	10 12	2 22	16 52	0 43	20 56	0 29	6 38	13 8	18 21	18 23	22 39	1 38	2 43
S 4	17 16	25 29	4 48	8 30	4 32	4 38	5 40	20 26	1 5	16 26	1 2	10 13	2 22	16 53	0 43	20 56	0 29	6 38	13 7	18 21	18 24	22 37	1 41	2 43
M 5	17 0	26 56	4 6	8 34	4 38	4 31	5 53	20 17	1 5	16 29	1 2	10 14	2 21	16 54	0 43	20 55	0 29	6 38	13 7	18 21	18 25	22 35	1 43	2 42
T 6	16 43	26 35	3 7	8 41	4 43	4 25	6 5	20 8	1 6	16 31	1 2	10 16	2 21	16 54	0 43	20 55	0 29	6 39	13 6	18 21	18 26	22 33	1 45	2 42
W 7	16 27	24 19	1 54	8 50	4 47	4 20	6 18	19 59	1 6	16 34	1 2	10 17	2 21	16 55	0 43	20 55	0 29	6 39	13 6	18 21	18 27	22 31	1 48	2 41
T 8	16 10	20 20	0 33	9 2	4 49	4 16	6 30	19 50	1 6	16 36	1 3	10 18	2 21	16 56	0 43	20 54	0 29	6 40	13 5	18 20	18 28	22 29	1 50	2 41
F 9	15 52	14 59	0n50	9 16	4 49	4 13	6 42	19 40	1 6	16 39	1 3	10 20	2 21	16 56	0 43	20 54	0 29	6 41	13 5	18 20	18 28	22 27	1 53	2 40
S 10	15 35	8 48	2 10	9 33	4 48	4 11	6 54	19 31	1 7	16 41	1 3	10 21	2 20	16 57	0 43	20 54	0 29	6 41	13 4	18 21	18 29	22 25	1 55	2 40
S 11	15 17	2 14	3 19	9 52	4 44	4 11	7 5	19 21	1 7	16 44	1 3	10 22	2 20	16 58	0 43	20 53	0 29	6 42	13 4	18 21	18 30	22 23	1 58	2 39
M12	14 59	4n17	4 14	10 13	4 39	4 11	7 15	19 11	1 7	16 46	1 3	10 24	2 20	16 59	0 43	20 53	0 29	6 42	13 3	18 21	18 31	22 21	2 0	2 39
T 13	14 41	10 22	4 52	10 35	4 32	4 13	7 25	19 1	1 7	16 49	1 3	10 25	2 20	16 59	0 43	20 52	0 29	6 43	13 3	18 22	18 32	22 19	2 3	2 38
W14	14 23	15 47	5 13	10 59	4 23	4 15	7 35	18 51	1 7	16 51	1 3	10 27	2 19	17 0	0 43	20 52	0 29	6 43	13 2	18 22	18 32	22 17	2 6	2 38
T 15	14 4	20 17	5 16	11 23	4 13	4 19	7 43	18 41	1 8	16 53	1 3	10 28	2 19	17 1	0 43	20 52	0 29	6 44	13 2	18 22	18 33	22 15	2 8	2 38
F 16	13 45	23 44	5 4	11 48	4 0	4 23	7 51	18 30	1 8	16 56	1 3	10 30	2 19	17 1	0 43	20 51	0 29	6 44	13 1	18 22	18 34	22 13	2 11	2 37
S 17	13 26	25 59	4 38	12 13	3 47	4 28	7 58	18 20	1 8	16 58	1 4	10 31	2 19	17 2	0 43	20 51	0 29	6 45	13 1	18 22	18 35	22 11	2 14	2 37
S 18	13 7	26 58	4 0	12 38	3 32	4 35	8 5	18 9	1 8	17 1	1 4	10 33	2 18	17 3	0 43	20 51	0 29	6 45	13 0	18 22	18 36	22 9	2 16	2 36
M19	12 47	26 40	3 12	13 1	3 15	4 42	8 10	17 58	1 8	17 3	1 4	10 34	2 18	17 3	0 43	20 50	0 29	6 46	13 0	18 21	18 36	22 7	2 19	2 36
T 20	12 27	25 10	2 16	13 24	2 59	4 50	8 15	17 48	1 9	17 5	1 4	10 36	2 18	17 4	0 43	20 50	0 29	6 47	12 59	18 21	18 37	22 5	2 22	2 35
W21	12 7	22 34	1 15	13 45	2 41	4 59	8 19	17 37	1 9	17 8	1 4	10 37	2 18	17 5	0 43	20 50	0 29	6 47	12 59	18 21	18 38	22 2	2 25	2 35
T 22	11 47	19 0	0 11	14 5	2 23	5 8	8 21	17 25	1 9	17 10	1 4	10 39	2 17	17 5	0 43	20 49	0 29	6 48	12 58	18 21	18 39	22 0	2 28	2 34
F 23	11 27	14 40	0s55	14 22	2 5	5 18	8 23	17 14	1 9	17 12	1 4	10 41	2 17	17 6	0 43	20 49	0 29	6 48	12 58	18 21	18 40	21 58	2 30	2 34
S 24	11 6	9 44	1 58	14 37	1 46	5 28	8 25	17 3	1 9	17 14	1 4	10 42	2 17	17 7	0 43	20 49	0 29	6 49	12 57	18 21	18 40	21 56	2 33	2 34
S 25	10 46	4 23	2 57	14 50	1 28	5 39	8 25	16 52	1 9	17 17	1 4	10 44	2 17	17 7	0 43	20 48	0 29	6 50	12 57	18 22	18 41	21 54	2 36	2 33
M26	10 25	1s12	3 48	15 0	1 10	5 51	8 24	16 40	1 10	17 19	1 4	10 46	2 17	17 8	0 43	20 48	0 29	6 50	12 56	18 23	18 42	21 52	2 39	2 33
T 27	10 4	6 48	4 29	15 7	0 53	6 2	8 22	16 28	1 10	17 21	1 4	10 48	2 16	17 9	0 43	20 48	0 29	6 51	12 55	18 24	18 43	21 50	2 42	2 32
W28	9 43	12 14	4 58	15 11	0 36	6 14	8 20	16 17	1 10	17 23	1 4	10 49	2 16	17 9	0 43	20 47	0 29	6 52	12 55	18 25	18 44	21 48	2 45	2 32
T 29	9 21	17 13	5 12	15 12	0 19	6 26	8 17	16 5	1 10	17 25	1 4	10 51	2 16	17 10	0 43	20 47	0 29	6 52	12 54	18 26	18 44	21 46	2 48	2 32
F 30	9 0	21 30	5 10	15 9	0 4	6 38	8 13	15 53	1 10	17 27	1 4	10 53	2 16	17 11	0 43	20 47	0 29	6 53	12 54	18 27	18 45	21 43	2 51	2 31
S 31	8n38	24s44	4s51	15n 4	0n11	6n51	8s 8	15n41	1n10	17s29	1s 4	10s55	2n16	17s11	0s43	20n47	0s29	6s54	12n53	18s27	18s46	21n41	2s54	2s31

Julian Day Number = 2359716.5, Delta T = 15.60 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'49, Lahiri = 20°20'49Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

SEPTEMBER 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 1	8♍49'18	12♐56	21♌ 0	20°R27	21♌28	14°R33	4♏36	14°R30	24♋34	26♏45	7°D23	6♒ 5	26♋46	1♎37	S 1
M 2	22 45 57	9°47'29	26°59	22°16	20♌ 7	22° 6	14♒26	4°41	14♒28	24°36	26°46	7♒24	6° 2	26°53	1°46	M 2
T 3	22 49 54	10°45'42	11♑19	23°37	19°48	22°44	14°20	4°46	14°25	24°37	26°47	7°26	5°59	26°59	1°54	T 3
W 4	22 53 50	11°43'56	25°52	25° 4	19°32	23°22	14°14	4°51	14°23	24°39	26°48	7°27	5°56	27° 6	2° 3	W 4
T 5	22 57 47	12°42'11	10♒36	26°36	19°18	24° 0	14° 8	4°56	14°21	24°40	26°49	7°R27	5°52	27°12	2°11	T 5
F 6	23 1 43	13°40'29	25°25	28°12	19° 6	24°38	14° 2	5° 2	14°19	24°42	26°50	7°26	5°49	27°19	2°20	F 6
S 7	23 5 40	14°38'48	10♓11	29°51	18°57	25°16	13°56	5° 7	14°17	24°44	26°51	7°23	5°46	27°26	2°28	S 7
S 8	23 9 37	15°37'08	24°47	1♍34	18°50	25°54	13°51	5°13	14°15	24°45	26°52	7°19	5°43	27°32	2°37	S 8
M 9	23 13 33	16°35'31	9♈ 7	3°19	18°46	26°32	13°45	5°18	14°14	24°47	26°53	7°13	5°40	27°39	2°46	M 9
T 10	23 17 30	17°33'55	23° 4	5° 6	18°D44	27°10	13°40	5°24	14°12	24°48	26°54	7° 6	5°36	27°46	2°54	T 10
W11	23 21 26	18°32'22	6♉36	6°55	18°45	27°48	13°35	5°29	14°10	24°50	26°55	7° 0	5°33	27°52	3° 3	W11
T 12	23 25 23	19°30'51	19°43	8°45	18°48	28°26	13°30	5°35	14° 8	24°51	26°56	6°55	5°30	27°59	3°12	T 12
F 13	23 29 19	20°29'22	2♊25	10°37	18°53	29° 4	13°25	5°41	14° 6	24°53	26°57	6°52	5°27	28° 6	3°20	F 13
S 14	23 33 16	21°27'55	14°47	12°28	19° 0	29°42	13°20	5°46	14° 4	24°54	26°59	6°50	5°24	28°12	3°29	S 14
S 15	23 37 12	22°26'31	26°53	14°20	19°10	0♍20	13°16	5°52	14° 3	24°55	27° 0	6°D50	5°21	28°19	3°38	S 15
M16	23 41 9	23°25'08	8♋47	16°13	19°22	0°58	13°11	5°58	14° 1	24°57	27° 1	6°51	5°17	28°26	3°47	M16
T 17	23 45 6	24°23'48	20°36	18° 5	19°36	1°36	13° 7	6° 4	13°59	24°58	27° 3	6°52	5°14	28°32	3°55	T 17
W18	23 49 2	25°22'30	2♌23	19°56	19°52	2°14	13° 3	6°10	13°58	24°59	27° 4	6°R53	5°11	28°39	4° 4	W18
T 19	23 52 59	26°21'15	14°14	21°48	20°10	2°52	12°59	6°16	13°56	25° 1	27° 5	6°53	5° 8	28°46	4°13	T 19
F 20	23 56 55	27°20'01	26°13	23°39	20°29	3°30	12°56	6°22	13°55	25° 2	27° 7	6°51	5° 5	28°52	4°22	F 20
S 21	0 0 52	28°18'49	8♍23	25°29	20°51	4° 8	12°52	6°28	13°53	25° 3	27° 8	6°46	5° 2	28°59	4°30	S 21
S 22	0 4 48	29°17'40	20°46	27°18	21°15	4°45	12°49	6°34	13°52	25° 4	27°10	6°40	4°58	29° 5	4°39	S 22
M23	0 8 45	0♎16'32	3♎23	29° 7	21°40	5°23	12°46	6°41	13°50	25° 6	27°11	6°31	4°55	29°12	4°48	M23
T 24	0 12 41	1°15'27	16°14	0♎55	22° 7	6° 1	12°43	6°47	13°49	25° 7	27°13	6°22	4°52	29°19	4°57	T 24
W25	0 16 38	2°14'23	29°20	2°42	22°35	6°39	12°40	6°53	13°48	25° 8	27°14	6°12	4°49	29°25	5° 6	W25
T 26	0 20 34	3°13'22	12♏38	4°28	23° 5	7°17	12°38	7° 0	13°46	25° 9	27°16	6° 3	4°46	29°32	5°15	T 26
F 27	0 24 31	4°12'22	26° 7	6°14	23°36	7°54	12°36	7° 6	13°45	25°10	27°17	5°55	4°42	29°39	5°23	F 27
S 28	0 28 28	5°11'25	9♐47	7°58	24° 9	8°32	12°33	7°12	13°44	25°11	27°19	5°50	4°39	29°45	5°32	S 28
S 29	0 32 24	6°10'29	23°36	9°42	24°44	9°10	12°32	7°19	13°43	25°12	27°21	5°47	4°36	29°52	5°41	S 29
M30	0 36 21	7♎ 9'35	7♑35	11♎25	25♌19	9♍48	12♒30	7♏26	13♒42	25♋13	27♏22	5°D47	4♒33	29♋59	5♎50	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n16	26s36	4s15	14n54	0n25	7n 3	8s 3	15n29	1n11	17s31	1s 4	10s57	2n15	17s12	0s43	20n46	0s29	6s54	12n53	18s27	18s47	21n39	2s57	2s30
M 2	7 55	26 50	3 23	14 42	0 37	7 15	7 57	15 17	1 11	17 33	1 4	10 59	2 15	17 12	0 43	20 46	0 29	6 55	12 52	18 27	18 47	21 37	3 0	2 30
T 3	7 33	25 17	2 18	14 26	0 49	7 27	7 51	15 4	1 11	17 35	1 4	11 1	2 15	17 13	0 43	20 46	0 29	6 56	12 52	18 26	18 48	21 35	3 3	2 30
W 4	7 10	22 2	1 3	14 7	1 0	7 38	7 44	14 52	1 11	17 36	1 4	11 2	2 15	17 14	0 43	20 45	0 29	6 56	12 51	18 26	18 49	21 33	3 6	2 29
T 5	6 48	17 20	0n17	13 45	1 9	7 50	7 36	14 39	1 11	17 38	1 4	11 4	2 15	17 14	0 43	20 45	0 29	6 57	12 51	18 26	18 50	21 31	3 9	2 29
F 6	6 26	11 33	1 36	13 20	1 18	8 1	7 28	14 27	1 11	17 40	1 4	11 6	2 14	17 15	0 43	20 45	0 29	6 58	12 50	18 26	18 51	21 28	3 12	2 29
S 7	6 3	5 9	2 49	12 52	1 25	8 11	7 20	14 14	1 11	17 42	1 4	11 8	2 14	17 15	0 43	20 44	0 29	6 58	12 50	18 27	18 51	21 26	3 15	2 28
S 8	5 41	1n26	3 49	12 22	1 32	8 22	7 11	14 1	1 12	17 43	1 4	11 10	2 14	17 16	0 43	20 44	0 29	6 59	12 50	18 28	18 52	21 24	3 18	2 28
M 9	5 18	7 49	4 34	11 49	1 37	8 32	7 2	13 49	1 12	17 45	1 4	11 12	2 14	17 16	0 43	20 44	0 29	7 0	12 49	18 30	18 53	21 22	3 21	2 27
T 10	4 55	13 38	5 1	11 13	1 41	8 41	6 53	13 36	1 12	17 46	1 4	11 14	2 14	17 17	0 43	20 44	0 29	7 0	12 49	18 31	18 54	21 20	3 24	2 27
W11	4 32	18 37	5 10	10 36	1 45	8 50	6 43	13 23	1 12	17 48	1 4	11 16	2 13	17 17	0 43	20 43	0 29	7 1	12 48	18 33	18 55	21 18	3 27	2 27
T 12	4 9	22 32	5 2	9 57	1 47	8 58	6 33	13 10	1 12	17 49	1 4	11 18	2 13	17 18	0 43	20 43	0 29	7 2	12 48	18 34	18 55	21 15	3 31	2 26
F 13	3 46	25 15	4 40	9 17	1 49	9 6	6 23	12 56	1 12	17 50	1 4	11 20	2 13	17 18	0 43	20 43	0 29	7 3	12 47	18 35	18 56	21 13	3 34	2 26
S 14	3 23	26 40	4 5	8 35	1 50	9 13	6 13	12 43	1 12	17 52	1 4	11 22	2 13	17 19	0 43	20 43	0 29	7 3	12 47	18 36	18 57	21 11	3 37	2 26
S 15	3 0	26 46	3 20	7 51	1 50	9 20	6 3	12 30	1 12	17 53	1 4	11 25	2 13	17 19	0 43	20 42	0 29	7 4	12 46	18 36	18 58	21 9	3 40	2 25
M16	2 37	25 37	2 26	7 7	1 49	9 26	5 53	12 17	1 13	17 54	1 4	11 27	2 13	17 20	0 43	20 42	0 29	7 5	12 46	18 35	18 58	21 7	3 43	2 25
T 17	2 14	23 20	1 27	6 22	1 48	9 32	5 43	12 3	1 13	17 55	1 4	11 29	2 12	17 20	0 43	20 42	0 29	7 6	12 45	18 35	18 59	21 4	3 46	2 25
W18	1 50	20 3	0 24	5 37	1 46	9 37	5 32	11 50	1 13	17 56	1 4	11 31	2 12	17 21	0 43	20 42	0 29	7 6	12 45	18 35	19 0	21 2	3 50	2 24
T 19	1 27	15 57	0s40	4 51	1 43	9 41	5 22	11 36	1 13	17 57	1 4	11 33	2 12	17 21	0 43	20 41	0 29	7 7	12 44	18 35	19 1	21 0	3 53	2 24
F 20	1 4	11 11	1 42	4 4	1 40	9 45	5 12	11 22	1 13	17 58	1 4	11 35	2 12	17 22	0 43	20 41	0 29	7 8	12 44	18 35	19 1	20 58	3 56	2 24
S 21	0 40	5 57	2 41	3 17	1 37	9 48	5 1	11 9	1 13	17 59	1 4	11 37	2 12	17 22	0 43	20 41	0 29	7 8	12 44	18 36	19 2	20 55	3 59	2 23
S 22	0 17	0 24	3 33	2 30	1 33	9 50	4 51	10 55	1 13	18 0	1 4	11 39	2 12	17 22	0 43	20 41	0 29	7 9	12 43	18 38	19 3	20 53	4 2	2 23
M23	0s 7	5s16	4 16	1 43	1 29	9 52	4 41	10 41	1 13	18 1	1 3	11 42	2 12	17 23	0 43	20 41	0 29	7 10	12 43	18 40	19 4	20 51	4 6	2 23
T 24	0 30	10 48	4 47	0 55	1 24	9 54	4 30	10 27	1 13	18 2	1 3	11 44	2 11	17 23	0 43	20 40	0 29	7 11	12 42	18 43	19 5	20 49	4 9	2 22
W25	0 54	15 58	5 3	0 8	1 19	9 54	4 20	10 13	1 13	18 3	1 3	11 46	2 11	17 24	0 43	20 40	0 29	7 11	12 42	18 45	19 5	20 46	4 12	2 22
T 26	1 17	20 27	5 3	0s39	1 14	9 54	4 10	9 59	1 14	18 3	1 3	11 48	2 11	17 24	0 43	20 40	0 29	7 12	12 41	18 47	19 6	20 44	4 15	2 22
F 27	1 40	23 57	4 47	1 26	1 9	9 53	4 0	9 45	1 14	18 4	1 3	11 50	2 11	17 24	0 43	20 40	0 29	7 13	12 41	18 49	19 7	20 42	4 19	2 22
S 28	2 4	26 8	4 14	2 12	1 3	9 52	3 50	9 31	1 14	18 4	1 3	11 53	2 11	17 25	0 43	20 40	0 29	7 14	12 41	18 50	19 8	20 40	4 22	2 21
S 29	2 27	26 44	3 26	2 58	0 57	9 50	3 40	9 17	1 14	18 5	1 3	11 55	2 11	17 25	0 43	20 39	0 29	7 14	12 40	18 51	19 8	20 37	4 25	2 21
M30	2s51	25s40	2s25	3s44	0n51	9n48	3s30	9n 3	1n14	18s 5	1s 3	11s57	2n11	17s25	0s43	20n39	0s29	7s15	12n40	18s51	19s 9	20n35	4s28	2s21

Julian Day Number = 2359747.5, Delta T = 15.62 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'53, Lahiri = 20°20'54Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

OCTOBER 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 17	8♎ 8'42	21♑41	13♎ 7	25♌56	10♍25	12°R28	7♏32	13°R40	25♋14	27♏24	5♒47	4♒30	0♌ 5	5♎59	T 1
W 2	0 44 14	9° 7'51	5♒56	14°48	26°34	11° 3	12♒27	7°39	13♒39	25°15	27°26	5°R47	4°27	0°12	6° 8	W 2
T 3	0 48 10	10° 7'02	20°16	16°29	27°14	11°41	12°26	7°45	13°38	25°15	27°27	5°47	4°23	0°19	6°17	T 3
F 4	0 52 7	11° 6'15	4♓39	18° 8	27°54	12°19	12°25	7°52	13°37	25°16	27°29	5°44	4°20	0°25	6°25	F 4
S 5	0 56 3	12° 5'30	19° 1	19°47	28°36	12°56	12°24	7°59	13°37	25°17	27°31	5°38	4°17	0°32	6°34	S 5
S 6	1 0 0	13° 4'46	3♈17	21°25	29°18	13°34	12°24	8° 5	13°36	25°18	27°33	5°30	4°14	0°38	6°43	S 6
M 7	1 3 57	14° 4'04	17°21	23° 2	0♍ 2	14°12	12°23	8°12	13°35	25°19	27°35	5°19	4°11	0°45	6°52	M 7
T 8	1 7 53	15° 3'25	1♉ 8	24°39	0°47	14°49	12°D23	8°19	13°34	25°19	27°37	5° 8	4° 8	0°52	7° 1	T 8
W 9	1 11 50	16° 2'48	14°34	26°15	1°33	15°27	12°23	8°26	13°33	25°20	27°38	4°56	4° 4	0°58	7°10	W 9
T 10	1 15 46	17° 2'13	27°38	27°50	2°19	16° 5	12°24	8°33	13°33	25°21	27°40	4°46	4° 1	1° 5	7°18	T 10
F 11	1 19 43	18° 1'40	10♊20	29°24	3° 7	16°42	12°24	8°39	13°32	25°21	27°42	4°39	3°58	1°12	7°27	F 11
S 12	1 23 39	19° 1'10	22°43	0♏58	3°55	17°20	12°25	8°46	13°32	25°22	27°44	4°33	3°55	1°18	7°36	S 12
S 13	1 27 36	20° 0'41	4♋49	2°31	4°45	17°57	12°26	8°53	13°31	25°22	27°46	4°30	3°52	1°25	7°45	S 13
M14	1 31 32	21° 0'15	16°44	4° 4	5°35	18°35	12°27	9° 0	13°31	25°23	27°48	4°D29	3°48	1°32	7°53	M14
T 15	1 35 29	21°59'52	28°32	5°36	6°26	19°13	12°28	9° 7	13°30	25°23	27°50	4°R29	3°45	1°38	8° 2	T 15
W16	1 39 26	22°59'31	10♌20	7° 7	7°17	19°50	12°29	9°14	13°30	25°24	27°52	4°29	3°42	1°45	8°11	W16
T 17	1 43 22	23°59'11	22°13	8°38	8°10	20°28	12°31	9°21	13°29	25°24	27°54	4°28	3°39	1°52	8°19	T 17
F 18	1 47 19	24°58'54	4♍16	10° 8	9° 3	21° 5	12°33	9°28	13°29	25°24	27°56	4°25	3°36	1°58	8°28	F 18
S 19	1 51 15	25°58'40	16°33	11°37	9°57	21°43	12°35	9°35	13°29	25°25	27°58	4°19	3°33	2° 5	8°37	S 19
S 20	1 55 12	26°58'27	29° 8	13° 6	10°51	22°20	12°37	9°42	13°29	25°25	28° 1	4°10	3°29	2°11	8°45	S 20
M21	1 59 8	27°58'17	12♎ 1	14°34	11°46	22°58	12°40	9°50	13°29	25°25	28° 3	3°59	3°26	2°18	8°54	M21
T 22	2 3 5	28°58'08	25°12	16° 2	12°42	23°35	12°42	9°57	13°28	25°26	28° 5	3°46	3°23	2°25	9° 2	T 22
W23	2 7 1	29°58'02	8♏42	17°29	13°38	24°13	12°45	10° 4	13°D28	25°26	28° 7	3°33	3°20	2°31	9°11	W23
T 24	2 10 58	0♏57'58	22°25	18°55	14°35	24°50	12°48	10°11	13°28	25°26	28° 9	3°21	3°17	2°38	9°19	T 24
F 25	2 14 55	1°57'55	6♐20	20°21	15°32	25°28	12°52	10°18	13°29	25°26	28°11	3°10	3°13	2°45	9°28	F 25
S 26	2 18 51	2°57'55	20°21	21°45	16°30	26° 5	12°55	10°25	13°29	25°26	28°13	3° 3	3°10	2°51	9°36	S 26
S 27	2 22 48	3°57'56	4♑26	23° 9	17°28	26°43	12°59	10°32	13°29	25°26	28°16	2°59	3° 7	2°58	9°45	S 27
M28	2 26 44	4°57'58	18°32	24°33	18°27	27°20	13° 2	10°40	13°29	25°R26	28°18	2°57	3° 4	3° 5	9°53	M28
T 29	2 30 41	5°58'02	2♒38	25°55	19°26	27°58	13° 6	10°47	13°29	25°26	28°20	2°56	3° 1	3°11	10° 1	T 29
W30	2 34 37	6°58'08	16°43	27°16	20°26	28°35	13°11	10°54	13°30	25°26	28°22	2°56	2°58	3°18	10°10	W30
T 31	2 38 34	7♏58'15	0♓46	28♏37	21♍26	29♍12	13♒15	11♏ 1	13♒30	25♋26	28♏25	2♒55	2♒54	3♌25	10♎18	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s14	22s57	1s15	4s30	0n45	9n44	3s21	8n49	1n14	18s 5	1s 3	11s59	2n11	17s26	0s43	20n39	0s29	7s16	12n39	18s51	19s10	20n33	4s32	2s20
W 2	3 37	18 48	0n 1	5 15	0 38	9 41	3 11	8 34	1 14	18 6	1 3	12 1	2 10	17 26	0 43	20 39	0 29	7 17	12 39	18 51	19 11	20 31	4 35	2 20
T 3	4 1	13 33	1 16	6 0	0 32	9 36	3 2	8 20	1 14	18 6	1 3	12 4	2 10	17 26	0 43	20 39	0 29	7 17	12 39	18 51	19 11	20 28	4 38	2 20
F 4	4 24	7 32	2 27	6 44	0 25	9 31	2 52	8 6	1 14	18 6	1 3	12 6	2 10	17 26	0 43	20 39	0 29	7 18	12 38	18 52	19 12	20 26	4 41	2 20
S 5	4 47	1 9	3 29	7 28	0 19	9 26	2 43	7 51	1 14	18 6	1 2	12 8	2 10	17 27	0 43	20 38	0 29	7 19	12 38	18 53	19 13	20 24	4 45	2 19
S 6	5 10	5n14	4 16	8 11	0 12	9 19	2 34	7 37	1 14	18 6	1 2	12 10	2 10	17 27	0 43	20 38	0 29	7 20	12 37	18 55	19 14	20 21	4 48	2 19
M 7	5 33	11 15	4 48	8 54	0 5	9 13	2 25	7 22	1 14	18 6	1 2	12 13	2 10	17 27	0 43	20 38	0 29	7 20	12 37	18 58	19 14	20 19	4 51	2 19
T 8	5 56	16 35	5 1	9 36	0s 2	9 5	2 16	7 8	1 14	18 6	1 2	12 15	2 10	17 27	0 42	20 38	0 29	7 21	12 37	19 1	19 15	20 17	4 54	2 19
W 9	6 19	20 58	4 58	10 17	0 9	8 57	2 7	6 53	1 15	18 6	1 2	12 17	2 10	17 27	0 42	20 38	0 29	7 22	12 36	19 3	19 16	20 15	4 58	2 18
T 10	6 42	24 11	4 39	10 58	0 16	8 49	1 59	6 39	1 15	18 6	1 2	12 20	2 10	17 28	0 42	20 38	0 29	7 23	12 36	19 6	19 17	20 12	5 1	2 18
F 11	7 5	26 5	4 6	11 38	0 23	8 40	1 50	6 24	1 15	18 6	1 2	12 22	2 9	17 28	0 42	20 38	0 29	7 23	12 36	19 8	19 17	20 10	5 4	2 18
S 12	7 28	26 39	3 23	12 17	0 30	8 30	1 42	6 9	1 15	18 5	1 2	12 24	2 9	17 28	0 42	20 37	0 29	7 24	12 35	19 9	19 18	20 8	5 7	2 18
S 13	7 50	25 54	2 31	12 56	0 36	8 20	1 34	5 55	1 15	18 5	1 2	12 26	2 9	17 28	0 42	20 37	0 29	7 25	12 35	19 10	19 19	20 5	5 11	2 17
M14	8 12	23 58	1 33	13 34	0 43	8 9	1 26	5 40	1 15	18 5	1 2	12 29	2 9	17 28	0 42	20 37	0 29	7 26	12 35	19 10	19 20	20 3	5 14	2 17
T 15	8 35	21 0	0 32	14 12	0 50	7 57	1 18	5 25	1 15	18 4	1 2	12 31	2 9	17 28	0 42	20 37	0 29	7 26	12 34	19 10	19 20	20 1	5 17	2 17
W16	8 57	17 11	0s31	14 48	0 57	7 46	1 10	5 11	1 15	18 4	1 1	12 33	2 9	17 28	0 42	20 37	0 29	7 27	12 34	19 10	19 21	19 58	5 20	2 17
T 17	9 19	12 40	1 33	15 24	1 4	7 33	1 3	4 56	1 15	18 3	1 1	12 36	2 9	17 28	0 42	20 37	0 29	7 28	12 34	19 10	19 22	19 56	5 24	2 16
F 18	9 41	7 37	2 31	15 59	1 10	7 20	0 55	4 41	1 15	18 3	1 1	12 38	2 9	17 28	0 42	20 37	0 29	7 28	12 33	19 11	19 23	19 54	5 27	2 16
S 19	10 3	2 12	3 23	16 33	1 17	7 7	0 48	4 26	1 15	18 2	1 1	12 40	2 9	17 28	0 42	20 37	0 29	7 29	12 33	19 13	19 23	19 51	5 30	2 16
S 20	10 25	3s25	4 7	17 7	1 23	6 53	0 40	4 11	1 15	18 1	1 1	12 42	2 9	17 28	0 42	20 37	0 29	7 30	12 33	19 15	19 24	19 49	5 33	2 16
M21	10 46	9 2	4 39	17 39	1 29	6 39	0 33	3 57	1 15	18 0	1 1	12 45	2 9	17 28	0 42	20 37	0 29	7 31	12 33	19 17	19 25	19 46	5 36	2 16
T 22	11 7	14 22	4 57	18 11	1 35	6 24	0 26	3 42	1 15	17 59	1 1	12 47	2 9	17 28	0 42	20 37	0 29	7 31	12 32	19 20	19 26	19 44	5 40	2 15
W23	11 29	19 8	4 59	18 42	1 41	6 9	0 20	3 27	1 15	17 59	1 1	12 49	2 9	17 28	0 42	20 37	0 29	7 32	12 32	19 23	19 26	19 42	5 43	2 15
T 24	11 50	22 58	4 44	19 11	1 47	5 53	0 13	3 12	1 15	17 58	1 1	12 52	2 8	17 28	0 42	20 37	0 29	7 33	12 32	19 26	19 27	19 39	5 46	2 15
F 25	12 10	25 32	4 12	19 40	1 53	5 37	0 7	2 57	1 15	17 57	1 0	12 54	2 8	17 28	0 42	20 37	0 29	7 33	12 32	19 29	19 28	19 37	5 49	2 15
S 26	12 31	26 31	3 25	20 8	1 58	5 20	0 0	2 42	1 15	17 55	1 0	12 56	2 8	17 28	0 42	20 37	0 29	7 34	12 31	19 30	19 29	19 35	5 52	2 15
S 27	12 51	25 48	2 25	20 35	2 3	5 3	0n 6	2 27	1 15	17 54	1 0	12 58	2 8	17 28	0 42	20 37	0 29	7 35	12 31	19 31	19 29	19 32	5 55	2 14
M28	13 12	23 26	1 15	21 0	2 8	4 46	0 12	2 13	1 15	17 53	1 0	13 1	2 8	17 28	0 42	20 37	0 29	7 36	12 31	19 32	19 30	19 30	5 59	2 14
T 29	13 32	19 38	0 2	21 25	2 13	4 28	0 18	1 58	1 15	17 52	1 0	13 3	2 8	17 28	0 42	20 37	0 29	7 36	12 31	19 32	19 31	19 27	6 2	2 14
W30	13 52	14 42	1n12	21 49	2 18	4 10	0 24	1 43	1 15	17 51	1 0	13 5	2 8	17 28	0 42	20 37	0 29	7 37	12 30	19 32	19 31	19 25	6 5	2 14
T 31	14s11	9s 1	2n21	22s11	2s22	3n51	0n29	1n28	1n15	17s49	1s 0	13s 7	2n 8	17s28	0s42	20n37	0s29	7s38	12n30	19s32	19s32	19n23	6s 8	2s14

Julian Day Number = 2359777.5, Delta T = 15.64 sec
Ecliptic obliquity = 23°28'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°13'57, Lahiri = 20°20'58Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

NOVEMBER 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 42 30	8♏58'24	14♓46	29♏56	22♍27	29♍50	13♒19	11♏ 8	13♒30	25°R26	28♏27	2°R51	2♒51	3♌31	10♎26	F 1
S 2	2 46 27	9°58'34	28°42	1♐14	23°28	0♎27	13°24	11°15	13°31	25♋26	28°29	2♒45	2°48	3°38	10°34	S 2
S 3	2 50 24	10°58'46	12♈31	2°31	24°29	1° 5	13°29	11°23	13°32	25°26	28°31	2°36	2°45	3°45	10°43	S 3
M 4	2 54 20	11°58'59	26°10	3°46	25°31	1°42	13°34	11°30	13°32	25°26	28°34	2°24	2°42	3°51	10°51	M 4
T 5	2 58 17	12°59'14	9♉36	5° 0	26°33	2°19	13°39	11°37	13°33	25°25	28°36	2°11	2°39	3°58	10°59	T 5
W 6	3 2 13	13°59'31	22°47	6°11	27°36	2°57	13°45	11°44	13°33	25°25	28°38	1°58	2°35	4° 4	11° 7	W 6
T 7	3 6 10	14°59'50	5♊40	7°21	28°39	3°34	13°50	11°51	13°34	25°25	28°41	1°47	2°32	4°11	11°15	T 7
F 8	3 10 6	16° 0'11	18°15	8°28	29°42	4°11	13°56	11°59	13°35	25°24	28°43	1°37	2°29	4°18	11°23	F 8
S 9	3 14 3	17° 0'33	0♋33	9°33	0♎46	4°48	14° 2	12° 6	13°36	25°24	28°45	1°30	2°26	4°24	11°31	S 9
S 10	3 17 59	18° 0'58	12°38	10°35	1°50	5°26	14° 8	12°13	13°37	25°24	28°48	1°26	2°23	4°31	11°38	S 10
M11	3 21 56	19° 1'24	24°32	11°34	2°54	6° 3	14°15	12°20	13°38	25°23	28°50	1°25	2°19	4°38	11°46	M11
T 12	3 25 53	20° 1'52	6♌20	12°29	3°59	6°40	14°21	12°27	13°39	25°23	28°52	1°D25	2°16	4°44	11°54	T 12
W13	3 29 49	21° 2'22	18° 8	13°19	5° 4	7°17	14°28	12°34	13°40	25°22	28°55	1°R25	2°13	4°51	12° 2	W13
T 14	3 33 46	22° 2'53	0♍ 0	14° 5	6° 9	7°55	14°34	12°42	13°41	25°22	28°57	1°25	2°10	4°58	12° 9	T 14
F 15	3 37 42	23° 3'27	12° 3	14°46	7°15	8°32	14°41	12°49	13°42	25°21	28°59	1°23	2° 7	5° 4	12°17	F 15
S 16	3 41 39	24° 4'02	24°22	15°20	8°21	9° 9	14°48	12°56	13°43	25°20	29° 2	1°19	2° 4	5°11	12°24	S 16
S 17	3 45 35	25° 4'39	7♎ 1	15°48	9°27	9°46	14°56	13° 3	13°44	25°20	29° 4	1°12	2° 0	5°18	12°32	S 17
M18	3 49 32	26° 5'17	20° 2	16° 9	10°33	10°23	15° 3	13°10	13°46	25°19	29° 7	1° 3	1°57	5°24	12°39	M18
T 19	3 53 28	27° 5'58	3♏28	16°21	11°40	11° 0	15°11	13°17	13°47	25°18	29° 9	0°53	1°54	5°31	12°46	T 19
W20	3 57 25	28° 6'39	17°15	16°R24	12°46	11°38	15°18	13°24	13°48	25°18	29°11	0°41	1°51	5°37	12°54	W20
T 21	4 1 22	29° 7'23	1♐22	16°18	13°54	12°15	15°26	13°31	13°50	25°17	29°14	0°31	1°48	5°44	13° 1	T 21
F 22	4 5 18	0♐ 8'08	15°43	16° 1	15° 1	12°52	15°34	13°38	13°51	25°16	29°16	0°22	1°45	5°51	13° 8	F 22
S 23	4 9 15	1° 8'54	0♑12	15°34	16° 8	13°29	15°42	13°45	13°53	25°15	29°19	0°16	1°41	5°57	13°15	S 23
S 24	4 13 11	2° 9'41	14°42	14°55	17°16	14° 6	15°51	13°52	13°54	25°14	29°21	0°13	1°38	6° 4	13°22	S 24
M25	4 17 8	3°10'29	29° 9	14° 6	18°24	14°43	15°59	13°59	13°56	25°14	29°23	0°D12	1°35	6°11	13°29	M25
T 26	4 21 4	4°11'18	13♒28	13° 7	19°32	15°20	16° 8	14° 6	13°58	25°13	29°26	0°12	1°32	6°17	13°36	T 26
W27	4 25 1	5°12'08	27°38	11°59	20°40	15°57	16°17	14°13	13°59	25°12	29°28	0°13	1°29	6°24	13°43	W27
T 28	4 28 57	6°12'59	11♓37	10°43	21°49	16°34	16°25	14°20	14° 1	25°11	29°30	0°R13	1°25	6°31	13°49	T 28
F 29	4 32 54	7°13'51	25°25	9°23	22°58	17°11	16°34	14°27	14° 3	25°10	29°33	0°12	1°22	6°37	13°56	F 29
S 30	4 36 51	8♐14'43	9♈ 2	8♐ 0	24♎ 6	17♎48	16♒44	14♏34	14♒ 5	25♋ 9	29♏35	0♒ 8	1♒19	6♌44	14♎ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s31	2s54	3n22	22s32	2s26	3n32	0n35	1n13	1n15	17s48	1s 0	13s10	2n 8	17s27	0s42	20n37	0s29	7s38	12n30	19s33	19s33	19n20	6s11	2s13
S 2	14 50	3n18	4 10	22 52	2 29	3 13	0 40	0 58	1 15	17 46	1 0	13 12	2 8	17 27	0 42	20 37	0 29	7 39	12 30	19 34	19 34	19 18	6 14	2 13
S 3	15 9	9 17	4 43	23 11	2 32	2 53	0 46	0 43	1 15	17 45	0 59	13 14	2 8	17 27	0 42	20 37	0 29	7 40	12 29	19 37	19 34	19 15	6 17	2 13
M 4	15 27	14 45	4 59	23 28	2 35	2 33	0 51	0 28	1 15	17 43	0 59	13 16	2 8	17 27	0 42	20 37	0 29	7 40	12 29	19 39	19 35	19 13	6 20	2 13
T 5	15 46	19 25	4 58	23 44	2 37	2 13	0 56	0 13	1 15	17 42	0 59	13 19	2 8	17 27	0 42	20 37	0 29	7 41	12 29	19 42	19 36	19 11	6 23	2 13
W 6	16 4	23 1	4 41	23 59	2 39	1 53	1 0	0s 1	1 15	17 40	0 59	13 21	2 8	17 26	0 42	20 37	0 29	7 42	12 29	19 45	19 37	19 8	6 26	2 13
T 7	16 21	25 23	4 10	24 12	2 40	1 32	1 5	0 16	1 15	17 38	0 59	13 23	2 8	17 26	0 42	20 37	0 29	7 42	12 29	19 48	19 37	19 6	6 29	2 12
F 8	16 39	26 24	3 28	24 24	2 41	1 11	1 9	0 31	1 15	17 37	0 59	13 25	2 8	17 26	0 42	20 37	0 29	7 43	12 29	19 50	19 38	19 3	6 32	2 12
S 9	16 56	26 4	2 36	24 34	2 41	0 49	1 14	0 46	1 15	17 35	0 59	13 27	2 8	17 26	0 41	20 37	0 29	7 43	12 28	19 51	19 39	19 1	6 35	2 12
S 10	17 13	24 30	1 38	24 43	2 41	0 28	1 18	1 1	1 15	17 33	0 59	13 30	2 8	17 25	0 41	20 37	0 29	7 44	12 28	19 52	19 39	18 58	6 38	2 12
M11	17 30	21 51	0 37	24 50	2 39	0 6	1 22	1 16	1 15	17 31	0 59	13 32	2 8	17 25	0 41	20 37	0 29	7 45	12 28	19 52	19 40	18 56	6 41	2 12
T 12	17 46	18 18	0s26	24 55	2 37	0s16	1 26	1 30	1 15	17 29	0 59	13 34	2 8	17 25	0 41	20 37	0 29	7 45	12 28	19 52	19 41	18 53	6 44	2 12
W13	18 3	14 2	1 28	24 59	2 34	0 39	1 30	1 45	1 15	17 27	0 58	13 36	2 8	17 24	0 41	20 37	0 29	7 46	12 28	19 52	19 42	18 51	6 47	2 11
T 14	18 18	9 12	2 26	25 1	2 31	1 1	1 33	2 0	1 15	17 25	0 58	13 38	2 8	17 24	0 41	20 37	0 29	7 47	12 28	19 52	19 42	18 49	6 49	2 11
F 15	18 34	3 59	3 19	25 1	2 26	1 24	1 37	2 15	1 15	17 23	0 58	13 40	2 8	17 24	0 41	20 37	0 29	7 47	12 28	19 53	19 43	18 46	6 52	2 11
S 16	18 49	1s29	4 3	24 59	2 20	1 47	1 40	2 29	1 15	17 21	0 58	13 42	2 8	17 23	0 41	20 38	0 29	7 48	12 27	19 54	19 44	18 44	6 55	2 11
S 17	19 4	7 2	4 37	24 55	2 12	2 10	1 43	2 44	1 15	17 18	0 58	13 45	2 8	17 23	0 41	20 38	0 29	7 48	12 27	19 55	19 44	18 41	6 58	2 11
M18	19 18	12 26	4 58	24 48	2 4	2 33	1 47	2 59	1 15	17 16	0 58	13 47	2 8	17 23	0 41	20 38	0 29	7 49	12 27	19 57	19 45	18 39	7 1	2 11
T 19	19 32	17 26	5 3	24 40	1 54	2 56	1 50	3 13	1 15	17 14	0 58	13 49	2 8	17 22	0 41	20 38	0 29	7 49	12 27	19 59	19 46	18 36	7 3	2 11
W20	19 46	21 39	4 51	24 29	1 43	3 20	1 52	3 28	1 14	17 11	0 58	13 51	2 8	17 22	0 41	20 38	0 29	7 50	12 27	20 2	19 47	18 34	7 6	2 10
T 21	19 59	24 43	4 21	24 15	1 30	3 43	1 55	3 42	1 14	17 9	0 58	13 53	2 8	17 21	0 41	20 38	0 29	7 51	12 27	20 4	19 47	18 31	7 9	2 10
F 22	20 12	26 16	3 34	23 59	1 16	4 7	1 58	3 57	1 14	17 6	0 58	13 55	2 8	17 21	0 41	20 38	0 29	7 51	12 27	20 6	19 48	18 29	7 11	2 10
S 23	20 25	26 2	2 33	23 41	1 0	4 31	2 0	4 11	1 14	17 4	0 57	13 57	2 8	17 20	0 41	20 38	0 29	7 52	12 27	20 7	19 49	18 26	7 14	2 10
S 24	20 37	24 1	1 22	23 19	0 42	4 54	2 2	4 26	1 14	17 1	0 57	13 59	2 8	17 20	0 41	20 39	0 29	7 52	12 27	20 8	19 49	18 24	7 17	2 10
M25	20 49	20 27	0 6	22 55	0 24	5 18	2 4	4 40	1 14	16 59	0 57	14 1	2 8	17 19	0 41	20 39	0 29	7 53	12 27	20 8	19 50	18 21	7 19	2 10
T 26	21 1	15 40	1n11	22 29	0 4	5 42	2 6	4 54	1 14	16 56	0 57	14 3	2 8	17 19	0 41	20 39	0 29	7 53	12 27	20 8	19 51	18 19	7 22	2 10
W27	21 12	10 5	2 22	22 0	0n16	6 6	2 8	5 9	1 14	16 53	0 57	14 5	2 8	17 18	0 41	20 39	0 29	7 54	12 27	20 8	19 52	18 16	7 24	2 10
T 28	21 23	4 5	3 24	21 29	0 36	6 30	2 10	5 23	1 14	16 51	0 57	14 7	2 8	17 18	0 41	20 39	0 29	7 54	12 27	20 8	19 52	18 14	7 27	2 9
F 29	21 33	2n 2	4 13	20 58	0 56	6 54	2 12	5 37	1 14	16 48	0 57	14 9	2 9	17 17	0 41	20 39	0 29	7 55	12 27	20 8	19 53	18 11	7 29	2 9
S 30	21s43	7n58	4n47	20s25	1n16	7s18	2n13	5s51	1n14	16s45	0s57	14s11	2n 9	17s17	0s41	20n40	0s29	7s55	12n27	20s 9	19s54	18n 9	7s32	2s 9

Julian Day Number = 2359808.5, Delta T = 15.67 sec
Ecliptic obliquity = 23°28'24, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'02, Lahiri = 20°21'02Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1748
geocentric

DECEMBER 1748 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 47	9♐15'37	22♈27	6°R38	25♎16	18♎25	16♒53	14♏40	14♒ 7	25°R 8	29♏37	0°R 2	1♒16	6♌51	14♎ 9	S 1
M 2	4 44 44	10°16'31	5♉41	5♐19	26°25	19° 1	17° 2	14°47	14° 8	25♋ 7	29°40	29♑54	1°13	6°57	14°16	M 2
T 3	4 48 40	11°17'26	18°43	4° 6	27°34	19°38	17°12	14°54	14°10	25° 5	29°42	29°45	1°10	7° 4	14°22	T 3
W 4	4 52 37	12°18'22	1♊32	3° 0	28°44	20°15	17°22	15° 0	14°12	25° 4	29°45	29°36	1° 6	7°11	14°28	W 4
T 5	4 56 33	13°19'19	14° 7	2° 4	29°53	20°52	17°31	15° 7	14°15	25° 3	29°47	29°27	1° 3	7°17	14°34	T 5
F 6	5 0 30	14°20'17	26°30	1°19	1♏ 3	21°29	17°41	15°14	14°17	25° 2	29°49	29°21	1° 0	7°24	14°41	F 6
S 7	5 4 27	15°21'16	8♋40	0°45	2°13	22° 5	17°51	15°20	14°19	25° 1	29°51	29°16	0°57	7°30	14°47	S 7
S 8	5 8 23	16°22'15	20°39	0°22	3°23	22°42	18° 1	15°27	14°21	25° 0	29°54	29°14	0°54	7°37	14°53	S 8
M 9	5 12 20	17°23'16	2♌31	0°11	4°34	23°19	18°12	15°33	14°23	24°58	29°56	29°D14	0°51	7°44	14°58	M 9
T 10	5 16 16	18°24'18	14°18	0°D 9	5°44	23°56	18°22	15°40	14°25	24°57	29°58	29°15	0°47	7°50	15° 4	T 10
W11	5 20 13	19°25'20	26° 5	0°18	6°55	24°32	18°33	15°46	14°28	24°56	0♐ 1	29°16	0°44	7°57	15°10	W11
T 12	5 24 9	20°26'24	7♍57	0°36	8° 5	25° 9	18°43	15°53	14°30	24°54	0° 3	29°18	0°41	8° 4	15°15	T 12
F 13	5 28 6	21°27'28	19°58	1° 2	9°16	25°46	18°54	15°59	14°32	24°53	0° 5	29°R19	0°38	8°10	15°21	F 13
S 14	5 32 2	22°28'34	2♎15	1°35	10°27	26°22	19° 5	16° 5	14°35	24°52	0° 7	29°18	0°35	8°17	15°26	S 14
S 15	5 35 59	23°29'40	14°51	2°15	11°38	26°59	19°16	16°11	14°37	24°50	0°10	29°16	0°31	8°24	15°32	S 15
M16	5 39 56	24°30'47	27°50	3° 1	12°49	27°35	19°27	16°18	14°40	24°49	0°12	29°12	0°28	8°30	15°37	M16
T 17	5 43 52	25°31'55	11♏17	3°52	14° 0	28°12	19°38	16°24	14°42	24°48	0°14	29° 8	0°25	8°37	15°42	T 17
W18	5 47 49	26°33'04	25°10	4°48	15°12	28°49	19°49	16°30	14°45	24°46	0°16	29° 2	0°22	8°44	15°47	W18
T 19	5 51 45	27°34'13	9♐27	5°47	16°23	29°25	20° 0	16°36	14°48	24°45	0°18	28°57	0°19	8°50	15°52	T 19
F 20	5 55 42	28°35'23	24° 5	6°51	17°35	0♏ 1	20°12	16°42	14°50	24°43	0°21	28°53	0°16	8°57	15°57	F 20
S 21	5 59 38	29°36'33	8♑56	7°57	18°46	0°38	20°23	16°48	14°53	24°42	0°23	28°50	0°12	9° 4	16° 2	S 21
S 22	6 3 35	0♑37'44	23°53	9° 6	19°58	1°14	20°35	16°54	14°56	24°40	0°25	28°D49	0° 9	9°10	16° 6	S 22
M23	6 7 31	1°38'55	8♒46	10°18	21°10	1°51	20°47	17° 0	14°58	24°39	0°27	28°49	0° 6	9°17	16°11	M23
T 24	6 11 28	2°40'05	23°29	11°31	22°22	2°27	20°59	17° 5	15° 1	24°37	0°29	28°50	0° 3	9°23	16°15	T 24
W25	6 15 25	3°41'16	7♓56	12°47	23°34	3° 3	21°11	17°11	15° 4	24°36	0°31	28°52	29♑59	9°30	16°20	W25
T 26	6 19 21	4°42'27	22° 6	14° 4	24°46	3°40	21°23	17°17	15° 7	24°34	0°33	28°53	29°57	9°37	16°24	T 26
F 27	6 23 18	5°43'37	5♈56	15°23	25°58	4°16	21°35	17°22	15°10	24°32	0°35	28°R53	29°53	9°43	16°28	F 27
S 28	6 27 14	6°44'47	19°26	16°43	27°10	4°52	21°47	17°28	15°12	24°31	0°37	28°53	29°50	9°50	16°32	S 28
S 29	6 31 11	7°45'57	2♉39	18° 4	28°23	5°28	21°59	17°33	15°15	24°29	0°39	28°51	29°47	9°57	16°36	S 29
M30	6 35 7	8°47'07	15°35	19°27	29°35	6° 4	22°11	17°39	15°18	24°28	0°41	28°49	29°44	10° 3	16°40	M30
T 31	6 39 4	9♑48'17	28♉17	20♐50	0♐47	6♏40	22♒24	17♏44	15♒21	24♋26	0♐43	28♑46	29♑41	10♌10	16♎43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s52	13n27	5n 4	19s54	1n34	7s42	2n15	6s 6	1n14	16s42	0s57	14s13	2n 9	17s16	0s41	20n40	0s29	7s56	12n27	20s10	19s54	18n 6	7s34	2s 9	
M 2	22 1	18 14	5 5	19 24	1 51	8 6	2 16	6 20	1 13	16 39	0 57	14 15	2 9	17 16	0 41	20 40	0 29	7 56	12 27	20 12	19 55	18 4	7 37	2 9	
T 3	22 10	22 4	4 51	18 56	2 6	8 30	2 17	6 34	1 13	16 36	0 57	14 17	2 9	17 15	0 41	20 40	0 29	7 57	12 27	20 14	19 56	18 1	7 39	2 9	
W 4	22 18	24 45	4 21	18 31	2 19	8 53	2 18	6 48	1 13	16 33	0 57	14 18	2 9	17 14	0 41	20 40	0 29	7 57	12 27	20 16	19 56	17 59	7 41	2 9	
T 5	22 26	26 9	3 39	18 10	2 29	9 17	2 19	7 2	1 13	16 30	0 56	14 20	2 9	17 14	0 41	20 41	0 29	7 57	12 27	20 18	19 57	17 56	7 44	2 9	
F 6	22 33	26 13	2 48	17 53	2 37	9 41	2 20	7 16	1 13	16 27	0 56	14 22	2 9	17 13	0 41	20 41	0 29	7 58	12 27	20 19	19 58	17 54	7 46	2 9	
S 7	22 40	25 0	1 49	17 41	2 43	10 4	2 20	7 29	1 13	16 24	0 56	14 24	2 9	17 12	0 41	20 41	0 29	7 58	12 27	20 20	19 59	17 51	7 48	2 8	
S 8	22 46	22 39	0 46	17 32	2 47	10 27	2 21	7 43	1 13	16 21	0 56	14 26	2 9	17 12	0 41	20 41	0 29	7 59	12 27	20 20	19 59	17 48	7 50	2 8	
M 9	22 52	19 20	0s18	17 28	2 49	10 51	2 21	7 57	1 13	16 17	0 56	14 28	2 9	17 11	0 41	20 41	0 29	7 59	12 27	20 20	20 0	17 46	7 53	2 8	
T 10	22 58	15 16	1 21	17 27	2 49	11 14	2 21	8 11	1 12	16 14	0 56	14 29	2 9	17 10	0 41	20 42	0 29	8 0	12 27	20 20	20 1	17 43	7 55	2 8	
W11	23 3	10 38	2 21	17 30	2 48	11 37	2 22	8 24	1 12	16 11	0 56	14 31	2 9	17 10	0 41	20 42	0 29	8 0	12 27	20 20	20 1	17 41	7 57	2 8	
T 12	23 8	5 35	3 15	17 36	2 46	11 59	2 22	8 38	1 12	16 7	0 56	14 33	2 9	17 9	0 41	20 42	0 29	8 0	12 27	20 20	20 2	17 38	7 59	2 8	
F 13	23 12	0 16	4 2	17 45	2 42	12 22	2 22	8 51	1 12	16 4	0 56	14 35	2 10	17 8	0 41	20 42	0 29	8 1	12 27	20 19	20 3	17 36	8 1	2 8	
S 14	23 16	5s 9	4 38	17 56	2 38	12 44	2 21	9 5	1 12	16 0	0 56	14 36	2 10	17 8	0 40	20 43	0 29	8 1	12 27	20 20	20 3	17 33	8 3	2 8	
S 15	23 19	10 30	5 2	18 9	2 32	13 6	2 21	9 18	1 12	15 57	0 56	14 38	2 10	17 7	0 40	20 43	0 29	8 1	12 27	20 20	20 4	17 31	8 5	2 8	
M16	23 22	15 34	5 12	18 24	2 27	13 28	2 21	9 31	1 11	15 53	0 56	14 40	2 10	17 6	0 40	20 43	0 29	8 2	12 27	20 21	20 5	17 28	8 7	2 8	
T 17	23 24	20 4	5 5	18 40	2 20	13 50	2 20	9 44	1 11	15 50	0 56	14 41	2 10	17 5	0 40	20 43	0 29	8 2	12 27	20 22	20 5	17 25	8 9	2 8	
W18	23 26	23 37	4 41	18 57	2 13	14 11	2 20	9 58	1 11	15 46	0 56	14 43	2 10	17 5	0 40	20 44	0 29	8 2	12 27	20 23	20 6	17 23	8 11	2 7	
T 19	23 27	25 49	3 58	19 14	2 6	14 32	2 19	10 11	1 11	15 43	0 56	14 45	2 10	17 4	0 40	20 44	0 29	8 3	12 28	20 24	20 7	17 20	8 13	2 7	
F 20	23 28	26 19	2 59	19 32	1 58	14 53	2 18	10 24	1 11	15 39	0 55	14 46	2 10	17 3	0 40	20 44	0 29	8 3	12 28	20 25	20 7	17 18	8 14	2 7	
S 21	23 28	24 57	1 47	19 51	1 50	15 14	2 17	10 36	1 11	15 35	0 55	14 48	2 10	17 2	0 40	20 44	0 29	8 3	12 28	20 25	20 8	17 15	8 16	2 7	
S 22	23 28	21 48	0 27	20 9	1 42	15 34	2 17	10 49	1 10	15 31	0 55	14 49	2 10	17 1	0 40	20 45	0 29	8 4	12 28	20 26	20 9	17 12	8 18	2 7	
M23	23 28	17 13	0n54	20 28	1 34	15 54	2 15	11 2	1 10	15 28	0 55	14 51	2 11	17 1	0 40	20 45	0 29	8 4	12 28	20 26	20 9	17 10	8 20	2 7	
T 24	23 27	11 38	2 12	20 46	1 26	16 13	2 14	11 15	1 10	15 24	0 55	14 52	2 11	17 0	0 40	20 45	0 29	8 4	12 28	20 25	20 10	17 7	8 21	2 7	
W25	23 25	5 31	3 19	21 4	1 18	16 33	2 13	11 27	1 10	15 20	0 55	14 54	2 11	16 59	0 40	20 46	0 29	8 4	12 28	20 25	20 11	17 5	8 23	2 7	
T 26	23 23	0n44	4 13	21 22	1 10	16 51	2 12	11 40	1 9	15 16	0 55	14 55	2 11	16 58	0 40	20 46	0 29	8 5	12 29	20 25	20 11	17 2	8 24	2 7	
F 27	23 21	6 48	4 50	21 39	1 1	17 10	2 10	11 52	1 9	15 12	0 55	14 57	2 11	16 57	0 40	20 46	0 29	8 5	12 29	20 25	20 12	16 59	8 26	2 7	
S 28	23 18	12 25	5 11	21 56	0 53	17 28	2 9	12 5	1 9	15 8	0 55	14 58	2 11	16 56	0 40	20 46	0 29	8 5	12 29	20 25	20 13	16 57	8 27	2 7	
S 29	23 15	17 20	5 15	22 11	0 45	17 45	2 7	12 17	1 9	15 4	0 55	14 59	2 11	16 55	0 40	20 47	0 29	8 5	12 29	20 25	20 13	16 54	8 29	2 7	
M30	23 11	21 20	5 2	22 26	0 37	18 3	2 6	12 29	1 9	15 0	0 55	15 1	2 11	16 55	0 40	20 47	0 29	8 6	12 29	20 26	20 14	16 52	8 30	2 6	
T 31	23s 7	24n16	4n35	22s41	0n29	18s19	2n 4	12s41	1n 8	14s56	0s55	15s 2	2n12	16s54	0s40	20n47	0s29	8s 6	12n29	20s26	20s15	16n49	8s32	2s 6	

Julian Day Number = 2359838.5, Delta T = 15.69 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'06, Lahiri = 20°21'06Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1749
geocentric

JANUARY 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 43 0	10♑49'26	10♊46	22♐14	2♐ 0	7♏16	22♒36	17♏49	15♒24	24°R24	0♐45	28°R43	29♑37	10♌17	16♎47	W 1
T 2	6 46 57	11°50'35	23° 3	23°39	3°12	7°52	22°49	17°54	15°27	24♋23	0°47	28♑40	29°34	10°23	16°50	T 2
F 3	6 50 54	12°51'44	5♋11	25° 5	4°25	8°28	23° 2	17°59	15°30	24°21	0°49	28°38	29°31	10°30	16°54	F 3
S 4	6 54 50	13°52'53	17°11	26°32	5°38	9° 4	23°14	18° 5	15°33	24°19	0°51	28°37	29°28	10°37	16°57	S 4
S 5	6 58 47	14°54'02	29° 4	27°59	6°51	9°40	23°27	18°10	15°36	24°18	0°53	28°D36	29°25	10°43	17° 0	S 5
M 6	7 2 43	15°55'10	10♌53	29°27	8° 3	10°16	23°40	18°14	15°40	24°16	0°55	28°37	29°22	10°50	17° 3	M 6
T 7	7 6 40	16°56'18	22°41	0♑55	9°16	10°52	23°53	18°19	15°43	24°14	0°57	28°38	29°18	10°57	17° 6	T 7
W 8	7 10 36	17°57'26	4♍29	2°24	10°29	11°28	24° 6	18°24	15°46	24°13	0°58	28°39	29°15	11° 3	17° 9	W 8
T 9	7 14 33	18°58'34	16°22	3°54	11°42	12° 3	24°19	18°29	15°49	24°11	1° 0	28°40	29°12	11°10	17°12	T 9
F 10	7 18 29	19°59'42	28°23	5°24	12°55	12°39	24°32	18°33	15°52	24° 9	1° 2	28°41	29° 9	11°16	17°14	F 10
S 11	7 22 26	21° 0'49	10♎38	6°55	14° 8	13°15	24°45	18°38	15°56	24° 8	1° 4	28°41	29° 6	11°23	17°17	S 11
S 12	7 26 23	22° 1'56	23° 9	8°26	15°21	13°50	24°59	18°42	15°59	24° 6	1° 5	28°R41	29° 3	11°30	17°19	S 12
M13	7 30 19	23° 3'04	6♏ 2	9°58	16°34	14°26	25°12	18°47	16° 2	24° 4	1° 7	28°41	28°59	11°36	17°21	M13
T 14	7 34 16	24° 4'11	19°20	11°30	17°48	15° 1	25°25	18°51	16° 5	24° 3	1° 9	28°41	28°56	11°43	17°23	T 14
W15	7 38 12	25° 5'17	3♐ 5	13° 3	19° 1	15°37	25°39	18°55	16° 9	24° 1	1°10	28°40	28°53	11°50	17°25	W15
T 16	7 42 9	26° 6'24	17°18	14°36	20°14	16°12	25°52	19° 0	16°12	23°59	1°12	28°40	28°50	11°56	17°27	T 16
F 17	7 46 5	27° 7'30	1♑55	16°10	21°27	16°48	26° 6	19° 4	16°15	23°57	1°13	28°40	28°47	12° 3	17°29	F 17
S 18	7 50 2	28° 8'35	16°52	17°45	22°41	17°23	26°19	19° 8	16°19	23°56	1°15	28°40	28°43	12°10	17°31	S 18
S 19	7 53 59	29° 9'40	2♒ 2	19°20	23°54	17°58	26°33	19°11	16°22	23°54	1°16	28°40	28°40	12°16	17°32	S 19
M20	7 57 55	0♒10'44	17°14	20°56	25° 8	18°34	26°47	19°15	16°25	23°52	1°18	28°40	28°37	12°23	17°33	M20
T 21	8 1 52	1°11'47	2♓19	22°32	26°21	19° 9	27° 0	19°19	16°29	23°51	1°19	28°40	28°34	12°30	17°35	T 21
W22	8 5 48	2°12'49	17° 8	24° 9	27°35	19°44	27°14	19°23	16°32	23°49	1°21	28°39	28°31	12°36	17°36	W22
T 23	8 9 45	3°13'50	1♈36	25°46	28°48	20°19	27°28	19°26	16°35	23°47	1°22	28°39	28°28	12°43	17°37	T 23
F 24	8 13 41	4°14'49	15°39	27°25	0♑ 2	20°54	27°42	19°30	16°39	23°46	1°23	28°38	28°24	12°50	17°38	F 24
S 25	8 17 38	5°15'48	29°16	29° 3	1°15	21°29	27°56	19°33	16°42	23°44	1°25	28°D38	28°21	12°56	17°39	S 25
S 26	8 21 34	6°16'45	12♉28	0♒43	2°29	22° 4	28°10	19°36	16°46	23°42	1°26	28°38	28°18	13° 3	17°39	S 26
M27	8 25 31	7°17'41	25°18	2°23	3°42	22°38	28°24	19°40	16°49	23°41	1°27	28°38	28°15	13°10	17°40	M27
T 28	8 29 28	8°18'36	7♊50	4° 4	4°56	23°13	28°38	19°43	16°53	23°39	1°29	28°39	28°12	13°16	17°40	T 28
W29	8 33 24	9°19'29	20° 6	5°46	6°10	23°48	28°52	19°46	16°56	23°37	1°30	28°40	28° 9	13°23	17°40	W29
T 30	8 37 21	10°20'21	2♋11	7°28	7°23	24°23	29° 6	19°49	17° 0	23°36	1°31	28°41	28° 5	13°29	17°41	T 30
F 31	8 41 17	11♒21'12	14♋ 7	9♒11	8♑37	24♏57	29♒20	19♏51	17♒ 3	23♋34	1♐32	28♑42	28♑ 2	13♌36	17°R41	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 2	25n58	3n55	22s54	0n21	18s36	2n 2	12s53	1n 8	14s52	0s55	15s 3	2n12	16s53	0s40	20n48	0s29	8s 6	12n30	20s27	20s15	16n46	8s33	2s 6
T 2	22 57	26 22	3 4	23 6	0 13	18 52	2 0	13 5	1 8	14 48	0 55	15 5	2 12	16 52	0 40	20 48	0 29	8 6	12 30	20 27	20 16	16 44	8 34	2 6
F 3	22 51	25 28	2 6	23 18	0 5	19 7	1 58	13 17	1 8	14 43	0 55	15 6	2 12	16 51	0 40	20 48	0 29	8 6	12 30	20 28	20 17	16 41	8 35	2 6
S 4	22 45	23 24	1 3	23 28	0s 2	19 22	1 56	13 29	1 7	14 39	0 55	15 7	2 12	16 50	0 40	20 49	0 29	8 6	12 30	20 28	20 17	16 38	8 36	2 6
S 5	22 38	20 20	0s 3	23 37	0 10	19 36	1 54	13 40	1 7	14 35	0 55	15 9	2 12	16 49	0 40	20 49	0 29	8 7	12 30	20 28	20 18	16 36	8 38	2 6
M 6	22 31	16 26	1 8	23 45	0 17	19 50	1 52	13 52	1 7	14 31	0 55	15 10	2 13	16 48	0 40	20 49	0 29	8 7	12 31	20 28	20 19	16 33	8 39	2 6
T 7	22 24	11 56	2 10	23 52	0 24	20 4	1 50	14 3	1 6	14 26	0 55	15 11	2 13	16 47	0 40	20 49	0 29	8 7	12 31	20 28	20 19	16 31	8 40	2 6
W 8	22 16	6 59	3 6	23 58	0 31	20 17	1 48	14 15	1 6	14 22	0 55	15 12	2 13	16 46	0 40	20 50	0 29	8 7	12 31	20 28	20 20	16 28	8 41	2 6
T 9	22 8	1 46	3 55	24 3	0 38	20 29	1 45	14 26	1 6	14 18	0 55	15 13	2 13	16 45	0 40	20 50	0 29	8 7	12 31	20 27	20 21	16 25	8 42	2 6
F 10	21 59	3s33	4 35	24 6	0 45	20 41	1 43	14 37	1 5	14 13	0 55	15 14	2 13	16 44	0 40	20 50	0 29	8 7	12 32	20 27	20 21	16 23	8 43	2 6
S 11	21 50	8 51	5 2	24 8	0 51	20 52	1 40	14 48	1 5	14 9	0 55	15 15	2 13	16 43	0 40	20 51	0 29	8 7	12 32	20 27	20 22	16 20	8 43	2 5
S 12	21 40	13 54	5 16	24 9	0 57	21 3	1 38	14 59	1 5	14 4	0 55	15 16	2 13	16 42	0 40	20 51	0 29	8 7	12 32	20 27	20 23	16 17	8 44	2 5
M13	21 30	18 30	5 15	24 9	1 3	21 13	1 35	15 10	1 4	14 0	0 55	15 18	2 14	16 41	0 40	20 51	0 29	8 7	12 32	20 27	20 23	16 15	8 45	2 5
T 14	21 20	22 21	4 58	24 7	1 9	21 22	1 33	15 21	1 4	13 55	0 55	15 19	2 14	16 40	0 40	20 52	0 29	8 8	12 33	20 27	20 24	16 12	8 46	2 5
W15	21 9	25 6	4 23	24 4	1 14	21 31	1 30	15 31	1 4	13 51	0 55	15 19	2 14	16 39	0 40	20 52	0 29	8 8	12 33	20 27	20 25	16 9	8 46	2 5
T 16	20 57	26 21	3 31	24 0	1 20	21 39	1 28	15 42	1 3	13 46	0 55	15 20	2 14	16 38	0 40	20 52	0 29	8 8	12 33	20 27	20 25	16 7	8 47	2 5
F 17	20 46	25 51	2 23	23 54	1 25	21 47	1 25	15 52	1 3	13 42	0 55	15 21	2 14	16 37	0 40	20 52	0 29	8 8	12 33	20 27	20 26	16 4	8 48	2 5
S 18	20 34	23 29	1 5	23 46	1 30	21 54	1 22	16 3	1 3	13 37	0 55	15 22	2 15	16 36	0 40	20 53	0 29	8 8	12 34	20 27	20 27	16 1	8 48	2 5
S 19	20 21	19 26	0n19	23 38	1 34	22 1	1 19	16 13	1 2	13 32	0 55	15 23	2 15	16 35	0 40	20 53	0 29	8 8	12 34	20 27	20 27	15 59	8 49	2 5
M20	20 8	14 5	1 42	23 28	1 38	22 6	1 17	16 23	1 2	13 28	0 55	15 24	2 15	16 34	0 40	20 53	0 29	8 8	12 34	20 27	20 28	15 56	8 49	2 5
T 21	19 55	7 55	2 57	23 16	1 42	22 12	1 14	16 33	1 2	13 23	0 55	15 25	2 15	16 33	0 40	20 54	0 29	8 8	12 34	20 27	20 29	15 53	8 50	2 5
W22	19 42	1 26	3 58	23 3	1 46	22 16	1 11	16 43	1 1	13 18	0 55	15 26	2 15	16 32	0 40	20 54	0 29	8 8	12 35	20 28	20 29	15 51	8 50	2 4
T 23	19 28	4n58	4 43	22 49	1 50	22 20	1 8	16 53	1 1	13 13	0 55	15 26	2 15	16 31	0 40	20 54	0 29	8 8	12 35	20 28	20 30	15 48	8 50	2 4
F 24	19 13	10 56	5 10	22 33	1 53	22 23	1 5	17 2	1 0	13 9	0 55	15 27	2 16	16 30	0 40	20 55	0 29	8 8	12 35	20 28	20 31	15 45	8 50	2 4
S 25	18 59	16 11	5 18	22 15	1 55	22 26	1 2	17 12	1 0	13 4	0 55	15 28	2 16	16 29	0 40	20 55	0 29	8 8	12 36	20 28	20 31	15 43	8 51	2 4
S 26	18 44	20 30	5 9	21 57	1 58	22 28	0 59	17 21	0 59	12 59	0 55	15 29	2 16	16 28	0 40	20 55	0 29	8 7	12 36	20 28	20 32	15 40	8 51	2 4
M27	18 28	23 43	4 44	21 36	2 0	22 29	0 56	17 30	0 59	12 54	0 55	15 29	2 16	16 27	0 40	20 55	0 29	8 7	12 36	20 28	20 32	15 37	8 51	2 4
T 28	18 13	25 42	4 7	21 14	2 2	22 30	0 53	17 40	0 58	12 49	0 55	15 30	2 16	16 26	0 40	20 56	0 29	8 7	12 37	20 28	20 33	15 34	8 51	2 4
W29	17 57	26 24	3 18	20 51	2 3	22 30	0 50	17 49	0 58	12 44	0 55	15 31	2 17	16 25	0 40	20 56	0 29	8 7	12 37	20 27	20 34	15 32	8 51	2 4
T 30	17 40	25 49	2 22	20 26	2 4	22 29	0 47	17 58	0 58	12 39	0 55	15 31	2 17	16 24	0 40	20 56	0 29	8 7	12 37	20 27	20 34	15 29	8 51	2 4
F 31	17s24	24n 3	1n20	19s59	2s 5	22s28	0n44	18s 7	0n57	12s34	0s55	15s32	2n17	16s23	0s40	20n57	0s29	8s 7	12n38	20s27	20s35	15n26	8s51	2s 3

Julian Day Number = 2359869.5, Delta T = 15.72 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'10, Lahiri = 20°21'11Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

FEBRUARY 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 14	12♒22'01	25♋58	10♒55	9♑51	25♏32	29♒34	19♏54	17♒ 7	23°R33	1♐33	28°R43	27♑59	13♌43	17°R41	S 1
S 2	8 49 10	13°22'50	7♌47	12°39	11° 4	26° 6	29°48	19°57	17°10	23♋31	1°34	28♑43	27°56	13°49	17♎40	S 2
M 3	8 53 7	14°23'37	19°35	14°24	12°18	26°40	0♓ 2	19°59	17°13	23°30	1°35	28°42	27°53	13°56	17°40	M 3
T 4	8 57 3	15°24'22	1♍25	16°10	13°32	27°15	0°17	20° 2	17°17	23°28	1°36	28°40	27°49	14° 3	17°40	T 4
W 5	9 1 0	16°25'07	13°18	17°57	14°46	27°49	0°31	20° 4	17°20	23°26	1°37	28°37	27°46	14° 9	17°39	W 5
T 6	9 4 57	17°25'50	25°17	19°44	16° 0	28°23	0°45	20° 6	17°24	23°25	1°38	28°34	27°43	14°16	17°38	T 6
F 7	9 8 53	18°26'32	7♎24	21°33	17°13	28°57	0°59	20° 8	17°27	23°23	1°39	28°31	27°40	14°23	17°38	F 7
S 8	9 12 50	19°27'13	19°42	23°21	18°27	29°31	1°14	20°11	17°31	23°22	1°40	28°28	27°37	14°29	17°37	S 8
S 9	9 16 46	20°27'53	2♏14	25°11	19°41	0♐ 5	1°28	20°13	17°34	23°20	1°41	28°26	27°34	14°36	17°36	S 9
M10	9 20 43	21°28'31	15° 3	27° 0	20°55	0°39	1°42	20°14	17°38	23°19	1°42	28°25	27°30	14°43	17°35	M10
T 11	9 24 39	22°29'09	28°13	28°51	22° 9	1°13	1°57	20°16	17°41	23°17	1°42	28°D25	27°27	14°49	17°33	T 11
W12	9 28 36	23°29'45	11♐47	0♓41	23°23	1°46	2°11	20°18	17°45	23°16	1°43	28°26	27°24	14°56	17°32	W12
T 13	9 32 32	24°30'21	25°45	2°32	24°37	2°20	2°26	20°19	17°48	23°15	1°44	28°27	27°21	15° 3	17°30	T 13
F 14	9 36 29	25°30'55	10♑ 8	4°23	25°51	2°54	2°40	20°21	17°52	23°13	1°45	28°28	27°18	15° 9	17°29	F 14
S 15	9 40 26	26°31'27	24°54	6°14	27° 5	3°27	2°55	20°22	17°55	23°12	1°45	28°R29	27°15	15°16	17°27	S 15
S 16	9 44 22	27°31'59	9♒56	8° 5	28°19	4° 0	3° 9	20°23	17°59	23°11	1°46	28°29	27°11	15°23	17°25	S 16
M17	9 48 19	28°32'28	25° 9	9°55	29°33	4°34	3°23	20°25	18° 2	23° 9	1°46	28°27	27° 8	15°29	17°23	M17
T 18	9 52 15	29°32'56	10♓21	11°44	0♒47	5° 7	3°38	20°26	18° 5	23° 8	1°47	28°24	27° 5	15°36	17°21	T 18
W19	9 56 12	0♓33'22	25°23	13°32	2° 1	5°40	3°52	20°27	18° 9	23° 7	1°47	28°19	27° 2	15°42	17°19	W19
T 20	10 0 8	1°33'47	10♈ 5	15°18	3°15	6°13	4° 7	20°27	18°12	23° 5	1°48	28°14	26°59	15°49	17°17	T 20
F 21	10 4 5	2°34'09	24°22	17° 2	4°29	6°45	4°21	20°28	18°16	23° 4	1°48	28° 9	26°55	15°56	17°15	F 21
S 22	10 8 1	3°34'30	8♉10	18°44	5°43	7°18	4°36	20°29	18°19	23° 3	1°49	28° 5	26°52	16° 2	17°12	S 22
S 23	10 11 58	4°34'49	21°30	20°23	6°57	7°51	4°50	20°29	18°22	23° 2	1°49	28° 3	26°49	16° 9	17°10	S 23
M24	10 15 55	5°35'05	4♊23	21°58	8°11	8°23	5° 5	20°30	18°26	23° 1	1°49	28°D 2	26°46	16°16	17° 7	M24
T 25	10 19 51	6°35'20	16°53	23°30	9°25	8°56	5°19	20°30	18°29	22°59	1°50	28° 2	26°43	16°22	17° 4	T 25
W26	10 23 48	7°35'33	29° 6	24°56	10°39	9°28	5°34	20°30	18°33	22°58	1°50	28° 4	26°40	16°29	17° 1	W26
T 27	10 27 44	8°35'43	11♋ 5	26°17	11°53	10° 0	5°48	20°30	18°36	22°57	1°50	28° 5	26°36	16°36	16°58	T 27
F 28	10 31 41	9♓35'52	22♋56	27♓33	13♒ 7	10♐32	6♓ 3	20°R30	18♒39	22♋56	1♐50	28°R 7	26♑33	16♌42	16♎55	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 7	21n14	0n15	19s31	2s 5	22s26	0n41	18s15	0n57	12s30	0s55	15s32	2n17	16s22	0s40	20n57	0s29	8s 7	12n38	20s27	20s36	15n24	8s51	2s 3
S 2	16 50	17 33	0s50	19 1	2 4	22 23	0 38	18 24	0 56	12 25	0 55	15 33	2 17	16 21	0 40	20 57	0 29	8 7	12 38	20 27	20 36	15 21	8 51	2 3
M 3	16 32	13 11	1 53	18 30	2 4	22 19	0 35	18 32	0 55	12 20	0 55	15 33	2 18	16 20	0 40	20 58	0 28	8 7	12 39	20 27	20 37	15 18	8 50	2 3
T 4	16 14	8 19	2 51	17 57	2 2	22 15	0 32	18 41	0 55	12 15	0 55	15 34	2 18	16 19	0 40	20 58	0 28	8 7	12 39	20 27	20 38	15 15	8 50	2 3
W 5	15 56	3 9	3 42	17 23	2 1	22 11	0 29	18 49	0 54	12 10	0 55	15 34	2 18	16 18	0 40	20 58	0 28	8 6	12 39	20 28	20 38	15 13	8 50	2 3
T 6	15 38	2s10	4 24	16 47	1 59	22 5	0 26	18 57	0 54	12 4	0 55	15 34	2 18	16 17	0 40	20 58	0 28	8 6	12 40	20 29	20 39	15 10	8 49	2 3
F 7	15 19	7 27	4 54	16 10	1 56	21 59	0 23	19 5	0 53	11 59	0 55	15 35	2 18	16 15	0 40	20 59	0 28	8 6	12 40	20 29	20 39	15 7	8 49	2 3
S 8	15 0	12 31	5 12	15 31	1 53	21 52	0 20	19 13	0 53	11 54	0 55	15 35	2 19	16 14	0 40	20 59	0 28	8 6	12 40	20 30	20 40	15 5	8 48	2 2
S 9	14 41	17 11	5 15	14 51	1 49	21 45	0 17	19 21	0 52	11 49	0 55	15 36	2 19	16 13	0 40	20 59	0 28	8 6	12 41	20 30	20 41	15 2	8 48	2 2
M10	14 22	21 11	5 2	14 10	1 44	21 37	0 14	19 29	0 52	11 44	0 55	15 36	2 19	16 12	0 40	20 59	0 28	8 6	12 41	20 31	20 41	14 59	8 47	2 2
T 11	14 2	24 14	4 34	13 27	1 39	21 28	0 11	19 36	0 51	11 39	0 55	15 36	2 19	16 11	0 40	21 0	0 28	8 5	12 41	20 31	20 42	14 56	8 47	2 2
W12	13 42	26 1	3 50	12 42	1 34	21 19	0 8	19 43	0 50	11 34	0 55	15 36	2 19	16 10	0 40	21 0	0 28	8 5	12 42	20 30	20 43	14 54	8 46	2 2
T 13	13 22	26 15	2 51	11 57	1 28	21 9	0 5	19 51	0 50	11 29	0 55	15 37	2 20	16 9	0 40	21 0	0 28	8 5	12 42	20 30	20 43	14 51	8 45	2 2
F 14	13 2	24 44	1 39	11 10	1 21	20 59	0 2	19 58	0 49	11 24	0 55	15 37	2 20	16 8	0 40	21 0	0 28	8 5	12 42	20 30	20 44	14 48	8 45	2 2
S 15	12 42	21 30	0 20	10 22	1 13	20 48	0s 1	20 5	0 48	11 18	0 55	15 37	2 20	16 7	0 40	21 1	0 28	8 5	12 43	20 30	20 44	14 45	8 44	2 1
S 16	12 21	16 47	1n 3	9 33	1 5	20 36	0 4	20 12	0 48	11 13	0 55	15 37	2 20	16 6	0 40	21 1	0 28	8 4	12 43	20 30	20 45	14 43	8 43	2 1
M17	12 0	10 56	2 21	8 44	0 56	20 23	0 7	20 19	0 47	11 8	0 55	15 37	2 20	16 5	0 40	21 1	0 28	8 4	12 43	20 30	20 46	14 40	8 42	2 1
T 18	11 39	4 28	3 30	7 54	0 47	20 10	0 10	20 25	0 46	11 3	0 55	15 37	2 21	16 4	0 40	21 1	0 28	8 4	12 44	20 31	20 46	14 37	8 41	2 1
W19	11 17	2n11	4 23	7 3	0 37	19 57	0 13	20 32	0 46	10 57	0 55	15 37	2 21	16 3	0 40	21 2	0 28	8 4	12 44	20 32	20 47	14 34	8 40	2 1
T 20	10 56	8 33	4 57	6 12	0 26	19 43	0 15	20 38	0 45	10 52	0 55	15 37	2 21	16 2	0 40	21 2	0 28	8 3	12 44	20 33	20 48	14 32	8 39	2 1
F 21	10 34	14 17	5 12	5 21	0 14	19 28	0 18	20 45	0 44	10 47	0 55	15 37	2 21	16 1	0 40	21 2	0 28	8 3	12 45	20 34	20 48	14 29	8 38	2 0
S 22	10 13	19 6	5 7	4 30	0 2	19 13	0 21	20 51	0 43	10 42	0 55	15 37	2 21	16 0	0 40	21 2	0 28	8 3	12 45	20 34	20 49	14 26	8 37	2 0
S 23	9 51	22 46	4 47	3 40	0n10	18 57	0 24	20 57	0 43	10 36	0 55	15 37	2 22	15 59	0 40	21 3	0 28	8 2	12 45	20 35	20 49	14 23	8 36	2 0
M24	9 29	25 10	4 12	2 50	0 23	18 40	0 26	21 3	0 42	10 31	0 55	15 37	2 22	15 58	0 40	21 3	0 28	8 2	12 46	20 35	20 50	14 20	8 35	2 0
T 25	9 6	26 14	3 26	2 2	0 37	18 23	0 29	21 9	0 41	10 26	0 55	15 37	2 22	15 57	0 40	21 3	0 28	8 2	12 46	20 35	20 51	14 18	8 33	2 0
W26	8 44	26 0	2 31	1 15	0 50	18 6	0 32	21 14	0 40	10 21	0 55	15 37	2 22	15 56	0 40	21 3	0 28	8 2	12 47	20 35	20 51	14 15	8 32	1 59
T 27	8 22	24 32	1 31	0 29	1 4	17 48	0 34	21 20	0 39	10 15	0 56	15 37	2 23	15 55	0 40	21 3	0 28	8 1	12 47	20 34	20 52	14 12	8 31	1 59
F 28	7s59	21n59	0n28	0n14	1n19	17s29	0s37	21s26	0n38	10s10	0s56	15s36	2n23	15s54	0s40	21n 4	0s28	8s 1	12n47	20s34	20s52	14n 9	8s29	1s59

Julian Day Number = 2359900.5, Delta T = 15.74 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'14, Lahiri = 20°21'15Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

MARCH 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 37	10♓35'58	4♌44	28♓42	14♒21	11♐ 4	6♓17	20°R30	18♒42	22°R55	1♐50	28°R 6	26♑30	16♌49	16°R52	S 1
S 2	10 39 34	11°36'02	16°30	29°44	15°35	11°36	6°32	20♏30	18°46	22♋54	1°51	28♑ 5	26°27	16°56	16♎49	S 2
M 3	10 43 30	12°36'05	28°20	0♈39	16°49	12° 8	6°46	20°30	18°49	22°53	1°51	28° 0	26°24	17° 2	16°46	M 3
T 4	10 47 27	13°36'05	10♍15	1°25	18° 3	12°39	7° 1	20°29	18°52	22°52	1°51	27°54	26°21	17° 9	16°42	T 4
W 5	10 51 24	14°36'03	22°16	2° 4	19°17	13°11	7°15	20°29	18°56	22°51	1°R51	27°46	26°17	17°16	16°39	W 5
T 6	10 55 20	15°36'00	4♎26	2°34	20°31	13°42	7°29	20°28	18°59	22°50	1°51	27°37	26°14	17°22	16°35	T 6
F 7	10 59 17	16°35'54	16°45	2°55	21°45	14°13	7°44	20°28	19° 2	22°49	1°51	27°28	26°11	17°29	16°32	F 7
S 8	11 3 13	17°35'47	29°15	3° 7	22°59	14°44	7°58	20°27	19° 5	22°49	1°50	27°19	26° 8	17°36	16°28	S 8
S 9	11 7 10	18°35'38	11♏57	3°R11	24°13	15°15	8°13	20°26	19° 8	22°48	1°50	27°12	26° 5	17°42	16°24	S 9
M10	11 11 6	19°35'28	24°52	3° 5	25°27	15°46	8°27	20°25	19°11	22°47	1°50	27° 7	26° 1	17°49	16°20	M10
T 11	11 15 3	20°35'16	8♐ 2	2°52	26°41	16°17	8°41	20°24	19°14	22°46	1°50	27° 4	25°58	17°56	16°17	T 11
W12	11 18 59	21°35'02	21°30	2°30	27°55	16°47	8°56	20°23	19°18	22°46	1°50	27°D 3	25°55	18° 2	16°13	W12
T 13	11 22 56	22°34'46	5♑16	2° 2	29° 9	17°18	9°10	20°21	19°21	22°45	1°49	27° 4	25°52	18° 9	16° 9	T 13
F 14	11 26 53	23°34'29	19°23	1°26	0♓23	17°48	9°24	20°20	19°24	22°44	1°49	27° 4	25°49	18°16	16° 4	F 14
S 15	11 30 49	24°34'10	3♒50	0°45	1°37	18°18	9°39	20°18	19°27	22°44	1°49	27°R 4	25°46	18°22	16° 0	S 15
S 16	11 34 46	25°33'49	18°33	29♓59	2°51	18°48	9°53	20°17	19°30	22°43	1°48	27° 3	25°42	18°29	15°56	S 16
M17	11 38 42	26°33'26	3♓29	29°10	4° 5	19°17	10° 7	20°15	19°33	22°42	1°48	26°58	25°39	18°35	15°52	M17
T 18	11 42 39	27°33'01	18°29	28°17	5°19	19°47	10°21	20°13	19°35	22°42	1°48	26°51	25°36	18°42	15°47	T 18
W19	11 46 35	28°32'35	3♈24	27°24	6°34	20°16	10°35	20°12	19°38	22°41	1°47	26°43	25°33	18°49	15°43	W19
T 20	11 50 32	29°32'06	18° 6	26°30	7°48	20°45	10°49	20°10	19°41	22°41	1°47	26°33	25°30	18°55	15°39	T 20
F 21	11 54 28	0♈31'35	2♉26	25°37	9° 2	21°14	11° 3	20° 8	19°44	22°40	1°46	26°23	25°26	19° 2	15°34	F 21
S 22	11 58 25	1°31'02	16°20	24°46	10°16	21°43	11°18	20° 5	19°47	22°40	1°46	26°14	25°23	19° 9	15°30	S 22
S 23	12 2 21	2°30'27	29°46	23°57	11°30	22°11	11°32	20° 3	19°50	22°40	1°45	26° 7	25°20	19°15	15°25	S 23
M24	12 6 18	3°29'49	12♊44	23°12	12°44	22°40	11°46	20° 1	19°52	22°39	1°44	26° 3	25°17	19°22	15°20	M24
T 25	12 10 15	4°29'09	25°18	22°31	13°58	23° 8	12° 0	19°58	19°55	22°39	1°44	26° 1	25°14	19°29	15°16	T 25
W26	12 14 11	5°28'27	7♋33	21°55	15°12	23°36	12°13	19°56	19°58	22°39	1°43	26°D 0	25°11	19°35	15°11	W26
T 27	12 18 8	6°27'43	19°32	21°25	16°26	24° 3	12°27	19°53	20° 1	22°38	1°42	26° 1	25° 7	19°42	15° 7	T 27
F 28	12 22 4	7°26'56	1♌23	20°59	17°40	24°31	12°41	19°51	20° 3	22°38	1°42	26°R 1	25° 4	19°49	15° 2	F 28
S 29	12 26 1	8°26'06	13°10	20°39	18°54	24°58	12°55	19°48	20° 6	22°38	1°41	25°59	25° 1	19°55	14°57	S 29
S 30	12 29 57	9°25'15	24°58	20°25	20° 8	25°25	13° 9	19°45	20° 8	22°38	1°40	25°56	24°58	20° 2	14°52	S 30
M31	12 33 54	10♈24'21	6♍51	20♓17	21♓22	25♐52	13♓22	19♏42	20♒11	22♋38	1♐39	25♑50	24♑55	20♌ 9	14♎48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s36	18n32	0s36	0n54	1n33	17s10	0s39	21s31	0n38	10s 5	0s56	15s36	2n23	15s52	0s40	21n 4	0s28	8s 1	12n48	20s34	20s53	14n 7	8s28	1s59	S 1
S 2	7 13	14 21	1 38	1 32	1 47	16 51	0 42	21 36	0 37	9 59	0 56	15 36	2 23	15 51	0 40	21 4	0 28	8 0	12 48	20 35	20 54	14 4	8 27	1 59	S 2
M 3	6 50	9 38	2 36	2 6	2 1	16 31	0 44	21 41	0 36	9 54	0 56	15 36	2 23	15 50	0 40	21 4	0 28	8 0	12 48	20 35	20 54	14 1	8 25	1 58	M 3
T 4	6 27	4 32	3 28	2 37	2 14	16 11	0 46	21 46	0 35	9 49	0 56	15 35	2 24	15 49	0 40	21 4	0 28	8 0	12 49	20 37	20 55	13 58	8 24	1 58	T 4
W 5	6 4	0s46	4 11	3 4	2 27	15 50	0 49	21 51	0 34	9 44	0 56	15 35	2 24	15 49	0 40	21 5	0 28	7 59	12 49	20 38	20 55	13 55	8 22	1 58	W 5
T 6	5 41	6 5	4 42	3 28	2 40	15 28	0 51	21 56	0 33	9 38	0 56	15 35	2 24	15 48	0 40	21 5	0 28	7 59	12 49	20 40	20 56	13 53	8 20	1 58	T 6
F 7	5 18	11 14	5 2	3 47	2 51	15 7	0 53	22 1	0 32	9 33	0 56	15 34	2 24	15 47	0 40	21 5	0 28	7 59	12 50	20 42	20 57	13 50	8 19	1 57	F 7
S 8	4 54	16 0	5 7	4 1	3 2	14 45	0 55	22 5	0 31	9 28	0 56	15 34	2 24	15 46	0 40	21 5	0 28	7 58	12 50	20 44	20 57	13 47	8 17	1 57	S 8
S 9	4 31	20 9	4 57	4 11	3 11	14 22	0 57	22 10	0 30	9 22	0 56	15 34	2 25	15 45	0 40	21 5	0 28	7 58	12 50	20 45	20 58	13 44	8 15	1 57	S 9
M10	4 8	23 24	4 32	4 16	3 19	13 59	0 59	22 14	0 29	9 17	0 56	15 33	2 25	15 44	0 40	21 5	0 28	7 57	12 51	20 46	20 58	13 41	8 14	1 57	M10
T 11	3 44	25 30	3 52	4 17	3 26	13 36	1 1	22 18	0 28	9 12	0 56	15 33	2 25	15 43	0 40	21 6	0 28	7 57	12 51	20 47	20 59	13 39	8 12	1 56	T 11
W12	3 21	26 11	2 59	4 13	3 30	13 12	1 3	22 22	0 27	9 6	0 56	15 32	2 25	15 42	0 40	21 6	0 28	7 57	12 51	20 47	21 0	13 36	8 10	1 56	W12
T 13	2 57	25 16	1 54	4 4	3 34	12 48	1 5	22 26	0 26	9 1	0 57	15 32	2 25	15 41	0 40	21 6	0 28	7 56	12 52	20 47	21 0	13 33	8 8	1 56	T 13
F 14	2 33	22 45	0 41	3 52	3 35	12 23	1 7	22 30	0 24	8 56	0 57	15 31	2 25	15 40	0 40	21 6	0 28	7 56	12 52	20 46	21 1	13 30	8 7	1 56	F 14
S 15	2 10	18 44	0n36	3 35	3 34	11 59	1 8	22 34	0 23	8 50	0 57	15 30	2 26	15 39	0 40	21 6	0 28	7 56	12 52	20 46	21 1	13 27	8 5	1 55	S 15
S 16	1 46	13 30	1 52	3 14	3 32	11 34	1 10	22 38	0 22	8 45	0 57	15 30	2 26	15 38	0 40	21 6	0 28	7 55	12 53	20 47	21 2	13 25	8 3	1 55	S 16
M17	1 22	7 25	3 2	2 50	3 28	11 8	1 12	22 41	0 21	8 40	0 57	15 29	2 26	15 37	0 40	21 6	0 28	7 55	12 53	20 48	21 3	13 22	8 1	1 55	M17
T 18	0 59	0 54	3 59	2 24	3 22	10 42	1 13	22 45	0 20	8 35	0 57	15 29	2 26	15 36	0 40	21 6	0 28	7 54	12 53	20 49	21 3	13 19	7 59	1 54	T 18
W19	0 35	5n38	4 39	1 55	3 14	10 16	1 15	22 48	0 19	8 29	0 57	15 28	2 26	15 35	0 40	21 7	0 28	7 54	12 54	20 51	21 4	13 16	7 57	1 54	W19
T 20	0 11	11 44	5 1	1 25	3 4	9 50	1 16	22 52	0 17	8 24	0 57	15 27	2 27	15 34	0 41	21 7	0 27	7 54	12 54	20 53	21 4	13 13	7 55	1 54	T 20
F 21	0n13	17 3	5 2	0 54	2 53	9 24	1 17	22 55	0 16	8 19	0 57	15 27	2 27	15 34	0 41	21 7	0 27	7 53	12 54	20 54	21 5	13 11	7 53	1 54	F 21
S 22	0 36	21 18	4 46	0 22	2 41	8 57	1 19	22 58	0 15	8 13	0 57	15 26	2 27	15 33	0 41	21 7	0 27	7 53	12 55	20 56	21 5	13 8	7 51	1 53	S 22
S 23	1 0	24 15	4 14	0s 9	2 27	8 30	1 20	23 1	0 13	8 8	0 58	15 25	2 27	15 32	0 41	21 7	0 27	7 52	12 55	20 57	21 6	13 5	7 49	1 53	S 23
M24	1 24	25 49	3 29	0 40	2 13	8 2	1 21	23 4	0 12	8 3	0 58	15 24	2 27	15 31	0 41	21 7	0 27	7 52	12 55	20 58	21 7	13 2	7 47	1 53	M24
T 25	1 47	25 59	2 36	1 10	1 58	7 35	1 22	23 7	0 11	7 58	0 58	15 23	2 27	15 30	0 41	21 7	0 27	7 51	12 56	20 59	21 7	12 59	7 45	1 52	T 25
W26	2 11	24 52	1 37	1 38	1 43	7 7	1 23	23 10	0 9	7 53	0 58	15 23	2 28	15 29	0 41	21 7	0 27	7 51	12 56	20 59	21 8	12 56	7 43	1 52	W26
T 27	2 34	22 37	0 34	2 5	1 27	6 39	1 24	23 13	0 8	7 47	0 58	15 22	2 28	15 29	0 41	21 7	0 27	7 51	12 56	20 59	21 8	12 54	7 40	1 52	T 27
F 28	2 58	19 25	0s29	2 29	1 11	6 11	1 25	23 15	0 6	7 42	0 58	15 21	2 28	15 28	0 41	21 7	0 27	7 50	12 56	20 59	21 9	12 51	7 38	1 51	F 28
S 29	3 21	15 27	1 30	2 51	0 55	5 43	1 26	23 18	0 5	7 37	0 58	15 20	2 28	15 27	0 41	21 7	0 27	7 50	12 57	20 59	21 10	12 48	7 36	1 51	S 29
S 30	3 44	10 54	2 27	3 11	0 40	5 15	1 27	23 20	0 3	7 32	0 58	15 19	2 28	15 26	0 41	21 7	0 27	7 49	12 57	20 59	21 10	12 45	7 34	1 51	S 30
M31	4n 8	5n56	3s19	3s29	0n25	4s46	1s27	23s23	0n 2	7s27	0s58	15s18	2n28	15s25	0s41	21n 7	0s27	7s49	12n57	21s 1	21s11	12n42	7s32	1s50	M31

Julian Day Number = 2359928.5, Delta T = 15.76 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'18, Lahiri = 20°21'19Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

APRIL 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 50	11♈23'25	18♍53	20°D14	22♓36	26♐18	13♓36	19°R39	20♒13	22°R38	1°R38	25°R41	24♑52	20♌15	14°R43	T 1
W 2	12 41 47	12°22'27	1♎ 4	20♓17	23°50	26°45	13°50	19♏36	20°16	22♋38	1♐37	25♑29	24°48	20°22	14♎38	W 2
T 3	12 45 44	13°21'26	13°28	20°24	25° 4	27°11	14° 3	19°33	20°18	22°D38	1°36	25°16	24°45	20°29	14°33	T 3
F 4	12 49 40	14°20'24	26° 4	20°38	26°17	27°37	14°17	19°30	20°21	22°38	1°36	25° 3	24°42	20°35	14°29	F 4
S 5	12 53 37	15°19'20	8♏51	20°56	27°31	28° 2	14°30	19°27	20°23	22°38	1°35	24°50	24°39	20°42	14°24	S 5
S 6	12 57 33	16°18'14	21°51	21°19	28°45	28°27	14°44	19°23	20°25	22°38	1°34	24°40	24°36	20°49	14°19	S 6
M 7	13 1 30	17°17'06	5♐ 2	21°46	29°59	28°53	14°57	19°20	20°28	22°38	1°32	24°32	24°32	20°55	14°14	M 7
T 8	13 5 26	18°15'56	18°24	22°18	1♈13	29°17	15°10	19°16	20°30	22°38	1°31	24°26	24°29	21° 2	14° 9	T 8
W 9	13 9 23	19°14'44	1♑58	22°53	2°27	29°42	15°23	19°13	20°32	22°38	1°30	24°24	24°26	21° 9	14° 5	W 9
T 10	13 13 19	20°13'31	15°44	23°33	3°41	0♑ 6	15°37	19° 9	20°34	22°39	1°29	24°23	24°23	21°15	14° 0	T 10
F 11	13 17 16	21°12'16	29°42	24°17	4°55	0°30	15°50	19° 6	20°36	22°39	1°28	24°23	24°20	21°22	13°55	F 11
S 12	13 21 13	22°11'00	13♒54	25° 4	6° 9	0°53	16° 3	19° 2	20°38	22°39	1°27	24°23	24°17	21°29	13°51	S 12
S 13	13 25 9	23° 9'41	28°17	25°54	7°23	1°16	16°16	18°58	20°40	22°39	1°26	24°20	24°13	21°35	13°46	S 13
M14	13 29 6	24° 8'21	12♓49	26°48	8°37	1°39	16°29	18°54	20°42	22°40	1°25	24°15	24°10	21°42	13°41	M14
T 15	13 33 2	25° 6'59	27°26	27°44	9°51	2° 2	16°42	18°50	20°44	22°40	1°23	24° 7	24° 7	21°49	13°37	T 15
W16	13 36 59	26° 5'35	12♈ 0	28°44	11° 5	2°24	16°55	18°46	20°46	22°41	1°22	23°56	24° 4	21°55	13°32	W16
T 17	13 40 55	27° 4'10	26°24	29°46	12°19	2°46	17° 7	18°42	20°48	22°41	1°21	23°44	24° 1	22° 2	13°27	T 17
F 18	13 44 52	28° 2'43	10♉32	0♈51	13°32	3° 7	17°20	18°38	20°50	22°42	1°20	23°32	23°58	22° 9	13°23	F 18
S 19	13 48 48	29° 1'13	24°19	1°59	14°46	3°28	17°33	18°34	20°52	22°42	1°18	23°22	23°54	22°15	13°18	S 19
S 20	13 52 45	29°59'42	7♊42	3° 9	16° 0	3°49	17°45	18°30	20°53	22°43	1°17	23°13	23°51	22°22	13°14	S 20
M21	13 56 42	0♉58'09	20°40	4°22	17°14	4° 9	17°58	18°26	20°55	22°43	1°16	23° 7	23°48	22°29	13°10	M21
T 22	14 0 38	1°56'33	3♋16	5°37	18°28	4°29	18°10	18°22	20°57	22°44	1°14	23° 4	23°45	22°35	13° 5	T 22
W23	14 4 35	2°54'56	15°32	6°54	19°42	4°49	18°22	18°18	20°58	22°44	1°13	23° 2	23°42	22°42	13° 1	W23
T 24	14 8 31	3°53'16	27°34	8°13	20°56	5° 8	18°35	18°13	21° 0	22°45	1°11	23° 2	23°38	22°49	12°57	T 24
F 25	14 12 28	4°51'34	9♌26	9°34	22° 9	5°27	18°47	18° 9	21° 1	22°46	1°10	23° 2	23°35	22°55	12°52	F 25
S 26	14 16 24	5°49'50	21°15	10°58	23°23	5°45	18°59	18° 5	21° 3	22°47	1° 9	23° 1	23°32	23° 2	12°48	S 26
S 27	14 20 21	6°48'04	3♍ 5	12°24	24°37	6° 3	19°11	18° 0	21° 4	22°47	1° 7	22°58	23°29	23° 9	12°44	S 27
M28	14 24 17	7°46'16	15° 2	13°51	25°51	6°20	19°23	17°56	21° 6	22°48	1° 6	22°53	23°26	23°15	12°40	M28
T 29	14 28 14	8°44'26	27° 9	15°21	27° 5	6°37	19°35	17°52	21° 7	22°49	1° 4	22°45	23°23	23°22	12°36	T 29
W30	14 32 11	9♉42'34	9♎30	16♈52	28♈18	6♑53	19♓46	17♏47	21♒ 8	22♋50	1♐ 3	22♑35	23♑19	23♌29	12♎32	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n31	0n42	4s 2	3s44	0n10	4s17	1s28	23s25	0n 0	7s21	0s59	15s17	2n28	15s25	0s41	21n 7	0s27	7s49	12n58	21s 2	21s11	12n39	7s30	1s50
W 2	4 54	4s37	4 34	3 56	0s 5	3 49	1 29	23 28	0s 2	7 16	0 59	15 16	2 29	15 24	0 41	21 7	0 27	7 48	12 58	21 4	21 12	12 36	7 27	1 49
T 3	5 17	9 50	4 54	4 6	0 19	3 20	1 29	23 30	0 3	7 11	0 59	15 16	2 29	15 23	0 41	21 8	0 27	7 48	12 58	21 7	21 12	12 34	7 25	1 49
F 4	5 40	14 44	5 0	4 13	0 33	2 51	1 29	23 32	0 5	7 6	0 59	15 15	2 29	15 22	0 41	21 8	0 27	7 47	12 58	21 9	21 13	12 31	7 23	1 49
S 5	6 2	19 4	4 52	4 18	0 45	2 22	1 30	23 34	0 7	7 1	0 59	15 14	2 29	15 22	0 41	21 8	0 27	7 47	12 59	21 11	21 13	12 28	7 21	1 48
S 6	6 25	22 34	4 28	4 20	0 58	1 52	1 30	23 36	0 8	6 56	0 59	15 13	2 29	15 21	0 41	21 8	0 27	7 46	12 59	21 13	21 14	12 25	7 19	1 48
M 7	6 48	24 56	3 49	4 20	1 9	1 23	1 30	23 38	0 10	6 51	0 59	15 11	2 29	15 20	0 41	21 8	0 27	7 46	12 59	21 15	21 15	12 22	7 16	1 48
T 8	7 10	25 55	2 58	4 18	1 20	0 54	1 30	23 40	0 12	6 46	0 59	15 10	2 29	15 20	0 41	21 8	0 27	7 46	12 59	21 16	21 15	12 19	7 14	1 47
W 9	7 33	25 23	1 56	4 13	1 31	0 24	1 31	23 42	0 14	6 41	1 0	15 9	2 29	15 19	0 41	21 8	0 27	7 45	13 0	21 16	21 16	12 16	7 12	1 47
T 10	7 55	23 18	0 46	4 6	1 40	0n 5	1 31	23 44	0 16	6 36	1 0	15 8	2 29	15 18	0 41	21 8	0 27	7 45	13 0	21 16	21 16	12 14	7 10	1 46
F 11	8 17	19 47	0n28	3 57	1 49	0 34	1 31	23 46	0 18	6 31	1 0	15 7	2 30	15 18	0 41	21 8	0 27	7 44	13 0	21 16	21 17	12 11	7 8	1 46
S 12	8 39	15 4	1 41	3 46	1 58	1 4	1 30	23 48	0 20	6 26	1 0	15 6	2 30	15 17	0 41	21 8	0 27	7 44	13 0	21 16	21 17	12 8	7 5	1 46
S 13	9 1	9 27	2 49	3 33	2 6	1 33	1 30	23 50	0 22	6 21	1 0	15 5	2 30	15 16	0 41	21 7	0 27	7 43	13 0	21 17	21 18	12 5	7 3	1 45
M14	9 22	3 16	3 46	3 18	2 13	2 3	1 30	23 51	0 24	6 16	1 0	15 4	2 30	15 16	0 41	21 7	0 27	7 43	13 1	21 18	21 19	12 2	7 1	1 45
T 15	9 44	3n 5	4 29	3 2	2 19	2 32	1 30	23 53	0 26	6 11	1 0	15 3	2 30	15 15	0 41	21 7	0 27	7 43	13 1	21 19	21 19	11 59	6 59	1 44
W16	10 5	9 15	4 54	2 43	2 25	3 1	1 29	23 55	0 28	6 6	1 1	15 2	2 30	15 15	0 41	21 7	0 27	7 42	13 1	21 21	21 20	11 56	6 57	1 44
T 17	10 27	14 51	5 0	2 23	2 30	3 30	1 29	23 57	0 30	6 2	1 1	15 1	2 30	15 14	0 41	21 7	0 27	7 42	13 1	21 23	21 20	11 54	6 54	1 43
F 18	10 48	19 33	4 47	2 1	2 35	4 0	1 28	23 58	0 32	5 57	1 1	14 59	2 30	15 13	0 41	21 7	0 27	7 41	13 1	21 25	21 21	11 51	6 52	1 43
S 19	11 8	23 3	4 18	1 38	2 38	4 29	1 28	24 0	0 34	5 52	1 1	14 58	2 30	15 13	0 41	21 7	0 27	7 41	13 2	21 27	21 21	11 48	6 50	1 43
S 20	11 29	25 10	3 35	1 13	2 42	4 58	1 27	24 2	0 37	5 47	1 1	14 57	2 30	15 12	0 41	21 7	0 27	7 40	13 2	21 28	21 22	11 45	6 48	1 42
M21	11 50	25 51	2 42	0 47	2 44	5 27	1 26	24 4	0 39	5 42	1 1	14 56	2 30	15 12	0 41	21 7	0 27	7 40	13 2	21 29	21 22	11 42	6 46	1 42
T 22	12 10	25 9	1 43	0 19	2 47	5 56	1 26	24 5	0 41	5 38	1 2	14 55	2 30	15 11	0 42	21 7	0 27	7 40	13 2	21 30	21 23	11 39	6 44	1 41
W23	12 30	23 13	0 40	0n10	2 48	6 24	1 25	24 7	0 44	5 33	1 2	14 53	2 30	15 11	0 42	21 7	0 27	7 39	13 2	21 30	21 23	11 36	6 42	1 41
T 24	12 50	20 17	0s24	0 41	2 49	6 53	1 24	24 9	0 46	5 28	1 2	14 52	2 30	15 10	0 42	21 7	0 27	7 39	13 2	21 30	21 24	11 33	6 39	1 40
F 25	13 10	16 32	1 26	1 12	2 49	7 21	1 23	24 10	0 49	5 24	1 2	14 51	2 30	15 10	0 42	21 7	0 27	7 39	13 2	21 30	21 25	11 30	6 37	1 40
S 26	13 29	12 10	2 24	1 45	2 49	7 50	1 22	24 12	0 51	5 19	1 2	14 50	2 31	15 10	0 42	21 7	0 27	7 38	13 3	21 30	21 25	11 28	6 35	1 39
S 27	13 48	7 21	3 15	2 19	2 48	8 18	1 21	24 14	0 54	5 15	1 2	14 49	2 31	15 9	0 42	21 7	0 27	7 38	13 3	21 31	21 26	11 25	6 33	1 39
M28	14 7	2 14	3 59	2 55	2 47	8 46	1 20	24 16	0 57	5 10	1 3	14 47	2 31	15 9	0 42	21 6	0 26	7 37	13 3	21 32	21 26	11 22	6 31	1 38
T 29	14 26	3s 2	4 33	3 31	2 45	9 13	1 19	24 18	0 59	5 6	1 3	14 46	2 31	15 8	0 42	21 6	0 26	7 37	13 3	21 33	21 27	11 19	6 29	1 38
W30	14n45	8s16	4s54	4n 8	2s42	9n41	1s17	24s20	1s 2	5s 1	1s 3	14s45	2n31	15s 8	0s42	21n 6	0s26	7s37	13n 3	21s35	21s27	11n16	6s27	1s38

Julian Day Number = 2359959.5, Delta T = 15.79 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'22, Lahiri = 20°21'23Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

MAY 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 7	10♉40'40	22♎ 6	18♈26	29♈32	7♑ 9	19♓58	17°R43	21♒10	22♋51	1°R 1	22°R24	23♑16	23♌35	12°R29	T 1
F 2	14 40 4	11°38'45	4♏58	20° 1	0♉46	7°24	20°10	17♏38	21°11	22°52	1♐ 0	22♑12	23°13	23°42	12♎25	F 2
S 3	14 44 0	12°36'48	18° 6	21°39	2° 0	7°39	20°21	17°34	21°12	22°53	0°58	22° 0	23°10	23°49	12°21	S 3
S 4	14 47 57	13°34'49	1♐27	23°18	3°14	7°54	20°33	17°29	21°13	22°54	0°57	21°51	23° 7	23°55	12°18	S 4
M 5	14 51 53	14°32'49	15° 1	25° 0	4°27	8° 8	20°44	17°25	21°14	22°55	0°55	21°43	23° 3	24° 2	12°14	M 5
T 6	14 55 50	15°30'47	28°45	26°43	5°41	8°21	20°55	17°20	21°15	22°56	0°54	21°39	23° 0	24° 9	12°11	T 6
W 7	14 59 46	16°28'44	12♑36	28°28	6°55	8°34	21° 6	17°16	21°16	22°57	0°52	21°37	22°57	24°15	12° 7	W 7
T 8	15 3 43	17°26'39	26°34	0♉15	8° 9	8°46	21°17	17°11	21°17	22°58	0°50	21°D37	22°54	24°22	12° 4	T 8
F 9	15 7 40	18°24'34	10♒37	2° 4	9°22	8°58	21°28	17° 7	21°18	22°59	0°49	21°37	22°51	24°29	12° 1	F 9
S 10	15 11 36	19°22'27	24°45	3°55	10°36	9° 9	21°39	17° 2	21°19	23° 0	0°47	21°R37	22°48	24°35	11°58	S 10
S 11	15 15 33	20°20'18	8♓56	5°49	11°50	9°19	21°50	16°58	21°19	23° 2	0°46	21°36	22°44	24°42	11°55	S 11
M12	15 19 29	21°18'09	23° 9	7°44	13° 4	9°29	22° 0	16°53	21°20	23° 3	0°44	21°32	22°41	24°49	11°52	M12
T 13	15 23 26	22°15'58	7♈21	9°40	14°17	9°38	22°11	16°49	21°21	23° 4	0°42	21°26	22°38	24°55	11°49	T 13
W14	15 27 22	23°13'46	21°28	11°39	15°31	9°47	22°21	16°44	21°21	23° 5	0°41	21°18	22°35	25° 2	11°46	W14
T 15	15 31 19	24°11'33	5♉26	13°40	16°45	9°55	22°32	16°40	21°22	23° 7	0°39	21° 9	22°32	25° 9	11°43	T 15
F 16	15 35 15	25° 9'19	19°11	15°42	17°59	10° 2	22°42	16°35	21°23	23° 8	0°37	21° 0	22°29	25°15	11°41	F 16
S 17	15 39 12	26° 7'03	2♊39	17°46	19°12	10° 9	22°52	16°31	21°23	23° 9	0°36	20°52	22°25	25°22	11°38	S 17
S 18	15 43 9	27° 4'46	15°49	19°52	20°26	10°15	23° 2	16°27	21°23	23°11	0°34	20°45	22°22	25°29	11°36	S 18
M19	15 47 5	28° 2'28	28°38	21°59	21°40	10°20	23°12	16°22	21°24	23°12	0°33	20°40	22°19	25°35	11°34	M19
T 20	15 51 2	29° 0'08	11♋ 9	24° 8	22°53	10°24	23°22	16°18	21°24	23°14	0°31	20°38	22°16	25°42	11°32	T 20
W21	15 54 58	29°57'47	23°24	26°17	24° 7	10°28	23°31	16°14	21°24	23°15	0°29	20°D37	22°13	25°49	11°30	W21
T 22	15 58 55	0♊55'24	5♌26	28°28	25°21	10°31	23°41	16° 9	21°25	23°16	0°28	20°38	22° 9	25°55	11°28	T 22
F 23	16 2 51	1°52'59	17°19	0♊39	26°35	10°34	23°50	16° 5	21°25	23°18	0°26	20°40	22° 6	26° 2	11°26	F 23
S 24	16 6 48	2°50'34	29° 9	2°51	27°48	10°35	23°59	16° 1	21°25	23°20	0°24	20°R40	22° 3	26° 9	11°24	S 24
S 25	16 10 44	3°48'06	11♍ 0	5° 3	29° 2	10°36	24° 8	15°57	21°25	23°21	0°23	20°40	22° 0	26°15	11°22	S 25
M26	16 14 41	4°45'38	22°59	7°14	0♊16	10°R36	24°18	15°52	21°R25	23°23	0°21	20°38	21°57	26°22	11°21	M26
T 27	16 18 38	5°43'08	5♎ 9	9°26	1°29	10°36	24°26	15°48	21°25	23°24	0°19	20°35	21°54	26°29	11°19	T 27
W28	16 22 34	6°40'37	17°35	11°37	2°43	10°35	24°35	15°44	21°25	23°26	0°18	20°29	21°50	26°35	11°18	W28
T 29	16 26 31	7°38'04	0♏18	13°47	3°57	10°33	24°44	15°40	21°25	23°28	0°16	20°23	21°47	26°42	11°17	T 29
F 30	16 30 27	8°35'30	13°22	15°56	5°10	10°30	24°52	15°36	21°25	23°29	0°14	20°16	21°44	26°49	11°16	F 30
S 31	16 34 24	9♊32'56	26♏46	18♊ 3	6♊24	10♑26	25♓ 1	15♏32	21♒25	23♋31	0♐13	20♑ 9	21♑41	26♌55	11♎15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 3	13s17	5s 2	4n47	2s39	10n 8	1s16	24s22	1s 5	4s57	1s 3	14s44	2n31	15s 8	0s42	21n 6	0s26	7s36	13n 3	21s37	21s28	11n13	6s26	1s37
F 2	15 21	17 49	4 54	5 26	2 36	10 35	1 15	24 24	1 8	4 52	1 3	14 42	2 31	15 7	0 42	21 6	0 26	7 36	13 3	21 38	21 28	11 10	6 24	1 37
S 3	15 39	21 35	4 31	6 6	2 31	11 2	1 13	24 26	1 11	4 48	1 4	14 41	2 31	15 7	0 42	21 6	0 26	7 36	13 3	21 40	21 29	11 7	6 22	1 36
S 4	15 56	24 17	3 53	6 48	2 27	11 29	1 12	24 28	1 14	4 44	1 4	14 40	2 31	15 7	0 42	21 6	0 26	7 35	13 3	21 42	21 29	11 4	6 20	1 36
M 5	16 14	25 38	3 2	7 29	2 22	11 55	1 10	24 30	1 17	4 39	1 4	14 39	2 31	15 6	0 42	21 5	0 26	7 35	13 3	21 43	21 30	11 2	6 18	1 35
T 6	16 31	25 27	1 59	8 12	2 16	12 21	1 9	24 32	1 20	4 35	1 4	14 37	2 30	15 6	0 42	21 5	0 26	7 34	13 3	21 44	21 30	10 59	6 16	1 35
W 7	16 47	23 40	0 48	8 55	2 10	12 47	1 7	24 34	1 23	4 31	1 4	14 36	2 30	15 6	0 42	21 5	0 26	7 34	13 3	21 44	21 31	10 56	6 14	1 34
T 8	17 4	20 26	0n26	9 39	2 3	13 12	1 6	24 37	1 26	4 27	1 4	14 35	2 30	15 5	0 42	21 5	0 26	7 34	13 3	21 44	21 32	10 53	6 13	1 34
F 9	17 20	16 0	1 40	10 24	1 56	13 37	1 4	24 39	1 29	4 23	1 5	14 34	2 30	15 5	0 42	21 5	0 26	7 33	13 3	21 44	21 32	10 50	6 11	1 33
S 10	17 36	10 40	2 47	11 9	1 48	14 2	1 2	24 42	1 32	4 19	1 5	14 33	2 30	15 5	0 42	21 5	0 26	7 33	13 3	21 44	21 33	10 47	6 9	1 33
S 11	17 51	4 46	3 45	11 54	1 40	14 27	1 1	24 44	1 36	4 14	1 5	14 31	2 30	15 5	0 42	21 5	0 26	7 33	13 3	21 44	21 33	10 44	6 8	1 32
M12	18 7	1n23	4 28	12 40	1 32	14 51	0 59	24 47	1 39	4 10	1 5	14 30	2 30	15 5	0 42	21 4	0 26	7 33	13 3	21 45	21 34	10 41	6 6	1 32
T 13	18 22	7 26	4 56	13 25	1 23	15 15	0 57	24 50	1 43	4 7	1 6	14 29	2 30	15 4	0 42	21 4	0 26	7 32	13 3	21 46	21 34	10 38	6 5	1 31
W14	18 36	13 5	5 5	14 11	1 13	15 38	0 55	24 52	1 46	4 3	1 6	14 28	2 30	15 4	0 42	21 4	0 26	7 32	13 3	21 47	21 35	10 35	6 3	1 31
T 15	18 51	17 59	4 55	14 57	1 4	16 1	0 53	24 55	1 50	3 59	1 6	14 27	2 30	15 4	0 42	21 4	0 26	7 32	13 3	21 48	21 35	10 32	6 2	1 30
F 16	19 5	21 51	4 29	15 42	0 54	16 24	0 51	24 58	1 53	3 55	1 6	14 25	2 30	15 4	0 42	21 4	0 26	7 31	13 3	21 50	21 36	10 29	6 0	1 30
S 17	19 19	24 27	3 48	16 27	0 44	16 46	0 49	25 1	1 57	3 51	1 6	14 24	2 30	15 4	0 42	21 3	0 26	7 31	13 3	21 51	21 36	10 27	5 59	1 29
S 18	19 32	25 38	2 56	17 12	0 33	17 8	0 47	25 5	2 0	3 47	1 7	14 23	2 30	15 4	0 43	21 3	0 26	7 31	13 3	21 52	21 37	10 24	5 57	1 29
M19	19 45	25 23	1 55	17 55	0 23	17 29	0 45	25 8	2 4	3 44	1 7	14 22	2 30	15 4	0 43	21 3	0 26	7 31	13 3	21 53	21 37	10 21	5 56	1 28
T 20	19 58	23 51	0 51	18 38	0 12	17 50	0 43	25 11	2 8	3 40	1 7	14 21	2 30	15 4	0 43	21 3	0 26	7 30	13 3	21 53	21 38	10 18	5 55	1 28
W21	20 10	21 12	0s15	19 19	0 2	18 10	0 41	25 15	2 12	3 36	1 7	14 20	2 30	15 4	0 43	21 2	0 26	7 30	13 3	21 53	21 38	10 15	5 53	1 27
T 22	20 22	17 40	1 19	19 59	0n 9	18 30	0 39	25 19	2 16	3 33	1 7	14 18	2 29	15 4	0 43	21 2	0 26	7 30	13 3	21 53	21 39	10 12	5 52	1 27
F 23	20 34	13 28	2 19	20 38	0 19	18 50	0 36	25 22	2 20	3 29	1 8	14 17	2 29	15 3	0 43	21 2	0 26	7 30	13 3	21 53	21 39	10 9	5 51	1 26
S 24	20 45	8 46	3 13	21 14	0 30	19 9	0 34	25 26	2 24	3 26	1 8	14 16	2 29	15 3	0 43	21 2	0 26	7 29	13 3	21 53	21 40	10 6	5 50	1 26
S 25	20 56	3 46	3 58	21 49	0 40	19 27	0 32	25 30	2 28	3 22	1 8	14 15	2 29	15 3	0 43	21 2	0 26	7 29	13 3	21 53	21 40	10 3	5 49	1 25
M26	21 7	1s24	4 34	22 22	0 49	19 45	0 30	25 34	2 32	3 19	1 8	14 14	2 29	15 4	0 43	21 1	0 26	7 29	13 3	21 53	21 41	10 0	5 48	1 25
T 27	21 17	6 36	4 58	22 52	0 59	20 2	0 28	25 38	2 36	3 16	1 9	14 13	2 29	15 4	0 43	21 1	0 26	7 29	13 3	21 54	21 41	9 57	5 46	1 24
W28	21 27	11 39	5 9	23 19	1 8	20 19	0 25	25 42	2 40	3 12	1 9	14 12	2 29	15 4	0 43	21 1	0 26	7 28	13 2	21 54	21 42	9 54	5 46	1 24
T 29	21 37	16 20	5 4	23 45	1 16	20 35	0 23	25 47	2 44	3 9	1 9	14 11	2 29	15 4	0 43	21 1	0 26	7 28	13 2	21 55	21 42	9 51	5 45	1 23
F 30	21 46	20 23	4 45	24 7	1 24	20 51	0 21	25 51	2 48	3 6	1 9	14 10	2 28	15 4	0 43	21 0	0 26	7 28	13 2	21 56	21 43	9 49	5 44	1 23
S 31	21n55	23s29	4s 9	24n27	1n31	21n 6	0s18	25s56	2s52	3s 3	1s10	14s 9	2n28	15s 4	0s43	21n 0	0s26	7s28	13n 2	21s57	21s43	9n46	5s43	1s22

Julian Day Number = 2359989.5, Delta T = 15.81 sec
Ecliptic obliquity = 23°28'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'27, Lahiri = 20°21'27Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1749
geocentric

JUNE 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 20	10♊30'20	10♐28	20♊ 9	7♊38	10°R22	25♓ 9	15°R28	21°R24	23♋33	0°R11	20°R 3	21♑38	27♌ 2	11°R14	S 1
M 2	16 42 17	11°27'44	24°26	22°14	8°51	10♑17	25°17	15♏25	21♒24	23°34	0♐10	19♑59	21°35	27° 9	11♎13	M 2
T 3	16 46 13	12°25'06	8♑35	24°16	10° 5	10°11	25°25	15°21	21°24	23°36	0° 8	19°57	21°31	27°15	11°12	T 3
W 4	16 50 10	13°22'28	22°51	26°16	11°19	10° 5	25°33	15°17	21°23	23°38	0° 6	19°D57	21°28	27°22	11°12	W 4
T 5	16 54 7	14°19'49	7♒10	28°14	12°32	9°58	25°40	15°14	21°23	23°40	0° 5	19°58	21°25	27°29	11°11	T 5
F 6	16 58 3	15°17'10	21°30	0♋10	13°46	9°50	25°48	15°10	21°22	23°42	0° 3	19°59	21°22	27°35	11°11	F 6
S 7	17 2 0	16°14'30	5♓46	2° 4	15° 0	9°41	25°55	15° 6	21°22	23°43	0° 2	20° 0	21°19	27°42	11°11	S 7
S 8	17 5 56	17°11'49	19°56	3°55	16°14	9°31	26° 3	15° 3	21°21	23°45	0° 0	20°R 1	21°15	27°49	11°11	S 8
M 9	17 9 53	18° 9'08	3♈59	5°44	17°27	9°21	26°10	15° 0	21°21	23°47	29♏59	20° 0	21°12	27°55	11°D11	M 9
T 10	17 13 49	19° 6'27	17°54	7°30	18°41	9°11	26°17	14°56	21°20	23°49	29°57	19°57	21° 9	28° 2	11°11	T 10
W11	17 17 46	20° 3'46	1♉38	9°14	19°55	8°59	26°23	14°53	21°19	23°51	29°55	19°54	21° 6	28° 9	11°11	W11
T 12	17 21 42	21° 1'04	15°10	10°56	21° 8	8°47	26°30	14°50	21°18	23°53	29°54	19°50	21° 3	28°15	11°11	T 12
F 13	17 25 39	21°58'21	28°29	12°35	22°22	8°34	26°37	14°47	21°18	23°55	29°52	19°45	21° 0	28°22	11°12	F 13
S 14	17 29 36	22°55'38	11♊34	14°11	23°36	8°21	26°43	14°44	21°17	23°57	29°51	19°41	20°56	28°29	11°12	S 14
S 15	17 33 32	23°52'55	24°24	15°45	24°50	8° 7	26°49	14°41	21°16	23°59	29°50	19°38	20°53	28°35	11°13	S 15
M16	17 37 29	24°50'12	6♋58	17°16	26° 3	7°52	26°55	14°38	21°15	24° 1	29°48	19°36	20°50	28°42	11°14	M16
T 17	17 41 25	25°47'27	19°19	18°45	27°17	7°37	27° 1	14°35	21°14	24° 3	29°47	19°D36	20°47	28°49	11°15	T 17
W18	17 45 22	26°44'42	1♌28	20°11	28°31	7°22	27° 7	14°32	21°13	24° 5	29°45	19°36	20°44	28°55	11°16	W18
T 19	17 49 18	27°41'57	13°26	21°35	29°44	7° 6	27°12	14°29	21°12	24° 7	29°44	19°38	20°41	29° 2	11°17	T 19
F 20	17 53 15	28°39'11	25°18	22°56	0♋58	6°50	27°17	14°27	21°11	24° 9	29°42	19°39	20°37	29° 9	11°18	F 20
S 21	17 57 11	29°36'24	7♍ 8	24°14	2°12	6°33	27°23	14°24	21° 9	24°11	29°41	19°41	20°34	29°15	11°20	S 21
S 22	18 1 8	0♋33'37	19° 0	25°30	3°26	6°16	27°28	14°22	21° 8	24°13	29°40	19°42	20°31	29°22	11°21	S 22
M23	18 5 5	1°30'49	0♎58	26°43	4°39	5°59	27°32	14°19	21° 7	24°15	29°38	19°R42	20°28	29°29	11°23	M23
T 24	18 9 1	2°28'01	13° 8	27°53	5°53	5°41	27°37	14°17	21° 6	24°17	29°37	19°42	20°25	29°35	11°24	T 24
W25	18 12 58	3°25'12	25°34	29° 0	7° 7	5°23	27°42	14°15	21° 4	24°19	29°36	19°41	20°21	29°42	11°26	W25
T 26	18 16 54	4°22'23	8♏19	0♌ 4	8°20	5° 5	27°46	14°13	21° 3	24°21	29°34	19°39	20°18	29°49	11°28	T 26
F 27	18 20 51	5°19'34	21°27	1° 5	9°34	4°47	27°50	14°11	21° 2	24°23	29°33	19°37	20°15	29°55	11°30	F 27
S 28	18 24 47	6°16'44	4♐58	2° 3	10°48	4°29	27°54	14° 9	21° 0	24°25	29°32	19°35	20°12	0♍ 2	11°32	S 28
S 29	18 28 44	7°13'54	18°53	2°57	12° 2	4°11	27°58	14° 7	20°59	24°28	29°31	19°34	20° 9	0° 9	11°34	S 29
M30	18 32 41	8♋11'04	3♑ 8	3♌48	13♋15	3♑53	28♓ 1	14♏ 5	20♒57	24♋30	29♏30	19♑33	20♑ 6	0♍16	11♎37	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	25s19	3s18	24n44	1n37	21n21	0s16	26s 0	2s57	3s 0	1s10	14s 8	2n28	15s 4	0s43	21n 0	0s26	7s28	13n 2	21s58	21s44	9n43	5s42	1s22
M 2	22 11	25 36	2 14	24 58	1 43	21 35	0 14	26 5	3 1	2 57	1 10	14 7	2 28	15 4	0 43	20 59	0 26	7 28	13 2	21 59	21 44	9 40	5 41	1 21
T 3	22 19	24 13	1 2	25 9	1 48	21 48	0 11	26 9	3 5	2 54	1 10	14 6	2 28	15 4	0 43	20 59	0 26	7 27	13 1	21 59	21 45	9 37	5 40	1 21
W 4	22 26	21 16	0n16	25 18	1 53	22 1	0 9	26 14	3 9	2 51	1 11	14 5	2 28	15 4	0 43	20 59	0 26	7 27	13 1	21 59	21 45	9 34	5 40	1 20
T 5	22 33	17 1	1 33	25 24	1 56	22 13	0 6	26 19	3 14	2 48	1 11	14 4	2 27	15 5	0 43	20 59	0 26	7 27	13 1	21 59	21 46	9 31	5 39	1 20
F 6	22 40	11 47	2 44	25 28	1 59	22 25	0 4	26 24	3 18	2 46	1 11	14 3	2 27	15 5	0 43	20 58	0 26	7 27	13 1	21 59	21 46	9 28	5 39	1 19
S 7	22 46	5 56	3 44	25 29	2 1	22 36	0 2	26 29	3 22	2 43	1 11	14 3	2 27	15 5	0 43	20 58	0 26	7 27	13 1	21 59	21 47	9 25	5 38	1 19
S 8	22 51	0n 9	4 31	25 28	2 3	22 46	0n 1	26 34	3 27	2 40	1 12	14 2	2 27	15 5	0 43	20 58	0 26	7 27	13 1	21 59	21 47	9 22	5 38	1 18
M 9	22 57	6 11	5 0	25 24	2 3	22 56	0 3	26 39	3 31	2 38	1 12	14 1	2 27	15 5	0 43	20 57	0 26	7 27	13 0	21 59	21 48	9 19	5 37	1 18
T 10	23 2	11 50	5 12	25 19	2 3	23 5	0 5	26 44	3 35	2 35	1 12	14 0	2 27	15 6	0 43	20 57	0 26	7 27	13 0	21 59	21 48	9 16	5 37	1 17
W11	23 6	16 50	5 6	25 11	2 2	23 13	0 8	26 49	3 39	2 33	1 13	13 59	2 26	15 6	0 43	20 57	0 25	7 27	13 0	22 0	21 49	9 13	5 36	1 17
T 12	23 10	20 55	4 43	25 2	2 1	23 21	0 10	26 54	3 44	2 30	1 13	13 59	2 26	15 6	0 43	20 56	0 25	7 27	13 0	22 0	21 49	9 10	5 36	1 16
F 13	23 14	23 49	4 4	24 51	1 58	23 28	0 13	26 59	3 48	2 28	1 13	13 58	2 26	15 7	0 44	20 56	0 25	7 27	12 59	22 1	21 50	9 7	5 36	1 16
S 14	23 17	25 24	3 14	24 38	1 55	23 34	0 15	27 4	3 52	2 26	1 13	13 57	2 26	15 7	0 44	20 56	0 25	7 26	12 59	22 2	21 50	9 4	5 35	1 15
S 15	23 20	25 35	2 14	24 23	1 52	23 39	0 17	27 9	3 56	2 24	1 14	13 57	2 26	15 7	0 44	20 55	0 25	7 26	12 59	22 2	21 51	9 1	5 35	1 15
M16	23 22	24 26	1 9	24 8	1 47	23 44	0 20	27 14	4 0	2 21	1 14	13 56	2 25	15 8	0 44	20 55	0 25	7 26	12 59	22 2	21 51	8 58	5 35	1 14
T 17	23 24	22 6	0 2	23 51	1 42	23 48	0 22	27 19	4 4	2 19	1 14	13 55	2 25	15 8	0 44	20 55	0 25	7 26	12 58	22 2	21 52	8 56	5 35	1 14
W18	23 26	18 48	1s 5	23 33	1 37	23 52	0 24	27 24	4 8	2 17	1 14	13 55	2 25	15 8	0 44	20 55	0 25	7 26	12 58	22 2	21 52	8 53	5 35	1 13
T 19	23 27	14 46	2 8	23 14	1 30	23 55	0 26	27 29	4 12	2 15	1 15	13 54	2 25	15 9	0 44	20 54	0 25	7 26	12 58	22 2	21 53	8 50	5 35	1 13
F 20	23 28	10 12	3 4	22 53	1 23	23 57	0 29	27 33	4 16	2 14	1 15	13 54	2 25	15 9	0 44	20 54	0 25	7 26	12 57	22 2	21 53	8 47	5 35	1 12
S 21	23 28	5 18	3 53	22 32	1 16	23 58	0 31	27 38	4 20	2 12	1 15	13 53	2 24	15 9	0 44	20 53	0 25	7 26	12 57	22 2	21 54	8 44	5 35	1 12
S 22	23 28	0 11	4 32	22 11	1 8	23 59	0 33	27 43	4 23	2 10	1 16	13 53	2 24	15 10	0 44	20 53	0 25	7 26	12 57	22 1	21 54	8 41	5 35	1 11
M23	23 28	4s58	4 59	21 48	0 59	23 59	0 35	27 47	4 27	2 8	1 16	13 52	2 24	15 10	0 44	20 53	0 25	7 27	12 57	22 1	21 55	8 38	5 35	1 11
T 24	23 27	10 0	5 14	21 26	0 50	23 58	0 37	27 51	4 31	2 7	1 16	13 52	2 24	15 11	0 44	20 52	0 25	7 27	12 56	22 1	21 55	8 35	5 36	1 10
W25	23 26	14 46	5 14	21 2	0 40	23 56	0 40	27 55	4 34	2 5	1 16	13 51	2 23	15 11	0 44	20 52	0 25	7 27	12 56	22 2	21 56	8 32	5 36	1 10
T 26	23 24	19 1	4 59	20 39	0 30	23 54	0 42	27 59	4 37	2 4	1 17	13 51	2 23	15 12	0 44	20 52	0 25	7 27	12 56	22 2	21 56	8 29	5 36	1 9
F 27	23 22	22 28	4 29	20 15	0 19	23 51	0 44	28 3	4 40	2 2	1 17	13 50	2 23	15 12	0 44	20 51	0 25	7 27	12 55	22 2	21 57	8 26	5 37	1 9
S 28	23 19	24 48	3 42	19 51	0 7	23 48	0 46	28 7	4 43	2 1	1 17	13 50	2 23	15 13	0 44	20 51	0 25	7 27	12 55	22 2	21 57	8 23	5 37	1 8
S 29	23 16	25 42	2 42	19 27	0s 4	23 43	0 48	28 10	4 46	2 0	1 18	13 50	2 22	15 13	0 44	20 51	0 25	7 27	12 55	22 3	21 58	8 20	5 37	1 8
M30	23n13	24s56	1s30	19n 3	0s17	23n38	0n50	28s14	4s49	1s59	1s18	13s50	2n22	15s14	0s44	20n50	0s25	7s27	12n54	22s 3	21s58	8n17	5s38	1s 7

Julian Day Number = 2360020.5, Delta T = 15.84 sec
Ecliptic obliquity = 23°28'22, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'31, Lahiri = 20°21'31Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

JULY 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 37	9♋ 8'14	17♉40	4♌36	14♋29	3°R35	28♓ 5	14°R 4	20°R56	24♋32	29°R28	19°D33	20♉ 2	0♍22	11♎39	T 1
W 2	18 40 34	10° 5'24	2♒21	5°20	15°43	3♉17	28° 8	14♏ 2	20♒54	24°34	29♏27	19♉33	19°59	0°29	11°42	W 2
T 3	18 44 30	11° 2'35	17° 6	6° 0	16°57	3° 0	28°11	14° 1	20°52	24°36	29°26	19°33	19°56	0°36	11°44	T 3
F 4	18 48 27	11°59'45	1♓48	6°36	18°10	2°42	28°14	13°59	20°51	24°38	29°25	19°34	19°53	0°42	11°47	F 4
S 5	18 52 23	12°56'55	16°22	7° 9	19°24	2°25	28°17	13°58	20°49	24°41	29°24	19°35	19°50	0°49	11°50	S 5
S 6	18 56 20	13°54'06	0♈42	7°37	20°38	2° 8	28°19	13°57	20°47	24°43	29°23	19°35	19°47	0°56	11°53	S 6
M 7	19 0 16	14°51'18	14°46	8° 1	21°52	1°51	28°21	13°56	20°46	24°45	29°22	19°R35	19°43	1° 2	11°56	M 7
T 8	19 4 13	15°48'30	28°33	8°21	23° 6	1°34	28°24	13°55	20°44	24°47	29°21	19°35	19°40	1° 9	11°59	T 8
W 9	19 8 10	16°45'43	12♉ 3	8°36	24°19	1°18	28°25	13°54	20°42	24°49	29°20	19°35	19°37	1°16	12° 3	W 9
T 10	19 12 6	17°42'56	25°16	8°46	25°33	1° 3	28°27	13°53	20°40	24°52	29°19	19°35	19°34	1°22	12° 6	T 10
F 11	19 16 3	18°40'10	8♊14	8°52	26°47	0°48	28°29	13°52	20°38	24°54	29°18	19°35	19°31	1°29	12°10	F 11
S 12	19 19 59	19°37'24	20°57	8°R53	28° 1	0°33	28°30	13°52	20°36	24°56	29°17	19°D34	19°27	1°36	12°13	S 12
S 13	19 23 56	20°34'39	3♋26	8°49	29°14	0°19	28°31	13°51	20°34	24°58	29°16	19°35	19°24	1°42	12°17	S 13
M14	19 27 52	21°31'54	15°45	8°40	0♌28	0° 6	28°32	13°51	20°32	25° 1	29°15	19°R35	19°21	1°49	12°21	M14
T 15	19 31 49	22°29'10	27°53	8°26	1°42	29♐53	28°33	13°50	20°30	25° 3	29°15	19°35	19°18	1°56	12°25	T 15
W16	19 35 45	23°26'26	9♌54	8° 8	2°56	29°41	28°33	13°50	20°28	25° 5	29°14	19°34	19°15	2° 2	12°29	W16
T 17	19 39 42	24°23'43	21°48	7°45	4°10	29°30	28°34	13°50	20°26	25° 7	29°13	19°34	19°12	2° 9	12°33	T 17
F 18	19 43 39	25°21'00	3♍38	7°18	5°24	29°19	28°R34	13°D50	20°24	25° 9	29°12	19°33	19° 8	2°16	12°37	F 18
S 19	19 47 35	26°18'17	15°27	6°47	6°37	29° 9	28°34	13°50	20°22	25°12	29°12	19°32	19° 5	2°22	12°41	S 19
S 20	19 51 32	27°15'35	27°19	6°13	7°51	29° 0	28°34	13°50	20°20	25°14	29°11	19°31	19° 2	2°29	12°46	S 20
M21	19 55 28	28°12'53	9♎17	5°35	9° 5	28°52	28°33	13°51	20°18	25°16	29°10	19°31	18°59	2°36	12°50	M21
T 22	19 59 25	29°10'11	21°25	4°55	10°19	28°44	28°33	13°51	20°16	25°18	29°10	19°30	18°56	2°42	12°55	T 22
W23	20 3 21	0♏ 7'30	3♏48	4°12	11°33	28°37	28°32	13°51	20°13	25°21	29° 9	19°D30	18°53	2°49	12°59	W23
T 24	20 7 18	1° 4'50	16°30	3°29	12°47	28°31	28°31	13°52	20°11	25°23	29° 9	19°31	18°49	2°56	13° 4	T 24
F 25	20 11 14	2° 2'10	29°34	2°45	14° 0	28°26	28°30	13°53	20° 9	25°25	29° 8	19°31	18°46	3° 3	13° 9	F 25
S 26	20 15 11	2°59'31	13♐ 4	2° 2	15°14	28°22	28°28	13°53	20° 7	25°27	29° 8	19°32	18°43	3° 9	13°14	S 26
S 27	20 19 8	3°56'52	27° 0	1°19	16°28	28°18	28°27	13°54	20° 5	25°29	29° 7	19°33	18°40	3°16	13°19	S 27
M28	20 23 4	4°54'14	11♑22	0°38	17°42	28°16	28°25	13°55	20° 2	25°32	29° 7	19°34	18°37	3°23	13°24	M28
T 29	20 27 1	5°51'36	26° 5	0° 1	18°56	28°14	28°23	13°56	20° 0	25°34	29° 6	19°R34	18°33	3°29	13°29	T 29
W30	20 30 57	6°49'00	11♒ 4	29♋26	20° 9	28°13	28°21	13°57	19°58	25°36	29° 6	19°33	18°30	3°36	13°35	W30
T 31	20 34 54	7♌46'24	26♒11	28♋56	21♌23	28°D13	28♓18	13♏59	19♒55	25♋38	29♏ 6	19♉32	18♉27	3♍43	13♎40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 9	22s29	0s10	18n40	0s29	23n33	0n52	28s17	4s52	1s58	1s18	13s49	2n22	15s14	0s44	20n50	0s25	7s27	12n54	22s 3	21s58	8n14	5s38	1s 7
W 2	23 5	18 31	1n10	18 17	0 43	23 26	0 54	28 20	4 54	1 57	1 19	13 49	2 22	15 15	0 44	20 50	0 25	7 27	12 53	22 3	21 59	8 11	5 39	1 6
T 3	23 1	13 24	2 27	17 54	0 56	23 19	0 56	28 23	4 57	1 56	1 19	13 49	2 22	15 15	0 44	20 49	0 25	7 27	12 53	22 3	21 59	8 8	5 40	1 6
F 4	22 56	7 31	3 34	17 31	1 10	23 11	0 57	28 26	4 59	1 55	1 19	13 49	2 21	15 16	0 44	20 49	0 25	7 28	12 53	22 3	22 0	8 5	5 40	1 5
S 5	22 50	1 19	4 26	17 10	1 24	23 3	0 59	28 28	5 1	1 54	1 19	13 49	2 21	15 16	0 44	20 48	0 25	7 28	12 52	22 3	22 0	8 2	5 41	1 5
S 6	22 45	4n52	5 0	16 49	1 38	22 53	1 1	28 30	5 3	1 53	1 20	13 48	2 21	15 17	0 44	20 48	0 25	7 28	12 52	22 2	22 1	7 59	5 42	1 4
M 7	22 39	10 41	5 16	16 29	1 53	22 44	1 3	28 33	5 5	1 53	1 20	13 48	2 21	15 18	0 44	20 48	0 25	7 28	12 52	22 2	22 1	7 56	5 42	1 4
T 8	22 32	15 51	5 13	16 9	2 7	22 33	1 4	28 34	5 7	1 52	1 20	13 48	2 20	15 18	0 44	20 47	0 25	7 28	12 51	22 2	22 2	7 53	5 43	1 4
W 9	22 25	20 7	4 53	15 51	2 22	22 22	1 6	28 36	5 8	1 52	1 21	13 48	2 20	15 19	0 44	20 47	0 25	7 29	12 51	22 2	22 2	7 50	5 44	1 3
T 10	22 18	23 17	4 18	15 35	2 36	22 10	1 8	28 38	5 10	1 51	1 21	13 48	2 20	15 19	0 44	20 47	0 25	7 29	12 50	22 3	22 3	7 47	5 45	1 3
F 11	22 10	25 10	3 30	15 19	2 51	21 58	1 9	28 39	5 11	1 51	1 21	13 48	2 19	15 20	0 44	20 46	0 25	7 29	12 50	22 3	22 3	7 44	5 46	1 2
S 12	22 2	25 42	2 32	15 5	3 5	21 44	1 11	28 40	5 12	1 51	1 22	13 48	2 19	15 21	0 44	20 46	0 25	7 29	12 49	22 3	22 4	7 41	5 47	1 2
S 13	21 54	24 54	1 28	14 53	3 19	21 31	1 12	28 42	5 13	1 50	1 22	13 48	2 19	15 21	0 44	20 45	0 25	7 29	12 49	22 3	22 4	7 38	5 48	1 1
M14	21 45	22 54	0 21	14 42	3 33	21 16	1 13	28 42	5 14	1 50	1 22	13 49	2 19	15 22	0 44	20 45	0 25	7 30	12 49	22 3	22 4	7 35	5 49	1 1
T 15	21 36	19 52	0s46	14 33	3 46	21 1	1 15	28 43	5 15	1 50	1 23	13 49	2 18	15 23	0 44	20 45	0 25	7 30	12 48	22 3	22 5	7 33	5 50	1 0
W16	21 26	16 1	1 50	14 25	3 58	20 46	1 16	28 44	5 15	1 50	1 23	13 49	2 18	15 23	0 45	20 44	0 25	7 30	12 48	22 3	22 5	7 30	5 51	1 0
T 17	21 16	11 35	2 49	14 20	4 10	20 30	1 17	28 44	5 16	1 51	1 23	13 49	2 18	15 24	0 45	20 44	0 25	7 31	12 47	22 3	22 6	7 27	5 53	0 59
F 18	21 6	6 45	3 41	14 16	4 20	20 13	1 18	28 45	5 16	1 51	1 23	13 49	2 18	15 25	0 45	20 43	0 25	7 31	12 47	22 3	22 6	7 24	5 54	0 59
S 19	20 55	1 42	4 23	14 15	4 30	19 55	1 19	28 45	5 17	1 51	1 24	13 50	2 17	15 25	0 45	20 43	0 25	7 31	12 46	22 3	22 7	7 21	5 55	0 59
S 20	20 44	3s25	4 53	14 15	4 38	19 38	1 20	28 45	5 17	1 51	1 24	13 50	2 17	15 26	0 45	20 43	0 25	7 31	12 46	22 3	22 7	7 18	5 56	0 58
M21	20 33	8 27	5 12	14 18	4 45	19 19	1 21	28 45	5 17	1 52	1 24	13 50	2 17	15 27	0 45	20 42	0 25	7 32	12 46	22 3	22 8	7 15	5 58	0 58
T 22	20 21	13 15	5 17	14 22	4 50	19 0	1 22	28 44	5 16	1 52	1 25	13 51	2 17	15 27	0 45	20 42	0 25	7 32	12 45	22 3	22 8	7 12	5 59	0 57
W23	20 9	17 37	5 7	14 28	4 54	18 41	1 23	28 44	5 16	1 53	1 25	13 51	2 16	15 28	0 45	20 41	0 25	7 32	12 45	22 3	22 8	7 9	6 1	0 57
T 24	19 57	21 18	4 42	14 36	4 56	18 20	1 24	28 44	5 16	1 54	1 25	13 51	2 16	15 29	0 45	20 41	0 25	7 33	12 44	22 3	22 9	7 6	6 2	0 56
F 25	19 44	24 2	4 3	14 45	4 57	18 0	1 25	28 43	5 15	1 54	1 26	13 52	2 16	15 30	0 45	20 41	0 25	7 33	12 44	22 3	22 9	7 3	6 4	0 56
S 26	19 31	25 31	3 9	14 56	4 55	17 39	1 25	28 43	5 15	1 55	1 26	13 52	2 16	15 30	0 45	20 40	0 25	7 33	12 43	22 3	22 10	7 0	6 5	0 56
S 27	19 18	25 28	2 2	15 9	4 52	17 17	1 26	28 42	5 14	1 56	1 26	13 53	2 15	15 31	0 45	20 40	0 25	7 34	12 43	22 3	22 10	6 57	6 7	0 55
M28	19 4	23 44	0 45	15 22	4 47	16 55	1 27	28 41	5 14	1 57	1 26	13 53	2 15	15 32	0 45	20 39	0 25	7 34	12 42	22 3	22 11	6 54	6 8	0 55
T 29	18 50	20 22	0n36	15 37	4 40	16 33	1 27	28 40	5 13	1 58	1 27	13 54	2 15	15 33	0 45	20 39	0 25	7 35	12 42	22 3	22 11	6 51	6 10	0 54
W30	18 36	15 37	1 56	15 52	4 32	16 10	1 27	28 39	5 12	1 59	1 27	13 55	2 14	15 33	0 45	20 39	0 25	7 35	12 41	22 3	22 12	6 48	6 12	0 54
T 31	18n21	9s51	3n 9	16n 8	4s22	15n47	1n28	28s38	5s11	2s 1	1s27	13s55	2n14	15s34	0s45	20n38	0s25	7s35	12n41	22s 3	22s12	6n45	6s13	0s53

Julian Day Number = 2360050.5, Delta T = 15.86 sec
Ecliptic obliquity = 23°28'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'35, Lahiri = 20°21'35Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

AUGUST 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 50	8♌43'49	11♓15	28°R30	22♌37	28♐13	28°R16	14♏ 0	19°R53	25♋40	29°R 5	19°R30	18♑24	3♍49	13♎45	F 1
S 2	20 42 47	9°41'15	26° 9	28♋ 9	23°51	28°15	28♓13	14° 1	19♒51	25°43	29♏ 5	19♑27	18°21	3°56	13°51	S 2
S 3	20 46 43	10°38'43	10♈45	27°55	25° 5	28°17	28°10	14° 3	19°48	25°45	29° 5	19°25	18°18	4° 3	13°57	S 3
M 4	20 50 40	11°36'12	24°59	27°46	26°19	28°20	28° 7	14° 4	19°46	25°47	29° 5	19°23	18°14	4° 9	14° 2	M 4
T 5	20 54 37	12°33'42	8♉49	27°D44	27°32	28°24	28° 4	14° 6	19°44	25°49	29° 4	19°D22	18°11	4°16	14° 8	T 5
W 6	20 58 33	13°31'14	22°14	27°49	28°46	28°29	28° 0	14° 8	19°41	25°51	29° 4	19°22	18° 8	4°23	14°14	W 6
T 7	21 2 30	14°28'48	5♊17	28° 0	0♍ 0	28°35	27°56	14°10	19°39	25°53	29° 4	19°23	18° 5	4°29	14°20	T 7
F 8	21 6 26	15°26'22	18° 1	28°19	1°14	28°41	27°53	14°12	19°37	25°55	29° 4	19°25	18° 2	4°36	14°26	F 8
S 9	21 10 23	16°23'59	0♋28	28°44	2°28	28°48	27°49	14°14	19°34	25°58	29° 4	19°27	17°59	4°43	14°32	S 9
S 10	21 14 19	17°21'36	12°43	29°17	3°42	28°56	27°44	14°16	19°32	26° 0	29°D 4	19°28	17°55	4°50	14°38	S 10
M11	21 18 16	18°19'15	24°48	29°56	4°55	29° 5	27°40	14°18	19°29	26° 2	29° 4	19°R28	17°52	4°56	14°44	M11
T 12	21 22 12	19°16'55	6♌46	0♌43	6° 9	29°14	27°35	14°21	19°27	26° 4	29° 4	19°26	17°49	5° 3	14°51	T 12
W13	21 26 9	20°14'37	18°40	1°36	7°23	29°25	27°31	14°23	19°25	26° 6	29° 4	19°24	17°46	5°10	14°57	W13
T 14	21 30 6	21°12'20	0♍30	2°35	8°37	29°36	27°26	14°26	19°22	26° 8	29° 4	19°19	17°43	5°16	15° 3	T 14
F 15	21 34 2	22°10'04	12°20	3°42	9°51	29°48	27°21	14°28	19°20	26°10	29° 5	19°14	17°39	5°23	15°10	F 15
S 16	21 37 59	23° 7'49	24°10	4°54	11° 4	0♑ 0	27°15	14°31	19°17	26°12	29° 5	19° 8	17°36	5°30	15°16	S 16
S 17	21 41 55	24° 5'36	6♎ 4	6°12	12°18	0°13	27°10	14°34	19°15	26°14	29° 5	19° 2	17°33	5°36	15°23	S 17
M18	21 45 52	25° 3'24	18° 4	7°35	13°32	0°27	27° 4	14°37	19°13	26°16	29° 5	18°56	17°30	5°43	15°30	M18
T 19	21 49 48	26° 1'13	0♏13	9° 4	14°46	0°42	26°59	14°40	19°10	26°18	29° 6	18°52	17°27	5°50	15°37	T 19
W20	21 53 45	26°59'03	12°35	10°37	16° 0	0°57	26°53	14°43	19° 8	26°20	29° 6	18°49	17°24	5°56	15°43	W20
T 21	21 57 41	27°56'55	25°13	12°15	17°13	1°13	26°47	14°46	19° 6	26°22	29° 6	18°D48	17°20	6° 3	15°50	T 21
F 22	22 1 38	28°54'48	8♐11	13°56	18°27	1°30	26°41	14°49	19° 3	26°24	29° 7	18°48	17°17	6°10	15°57	F 22
S 23	22 5 35	29°52'42	21°33	15°41	19°41	1°47	26°35	14°53	19° 1	26°26	29° 7	18°50	17°14	6°16	16° 4	S 23
S 24	22 9 31	0♍50'38	5♑22	17°29	20°55	2° 5	26°28	14°56	18°59	26°28	29° 8	18°51	17°11	6°23	16°11	S 24
M25	22 13 28	1°48'35	19°37	19°20	22° 8	2°24	26°22	14°59	18°56	26°30	29° 8	18°R51	17° 8	6°30	16°19	M25
T 26	22 17 24	2°46'33	4♒19	21°12	23°22	2°43	26°15	15° 3	18°54	26°32	29° 9	18°51	17° 5	6°37	16°26	T 26
W27	22 21 21	3°44'33	19°20	23° 6	24°36	3° 3	26° 8	15° 7	18°52	26°34	29° 9	18°48	17° 1	6°43	16°33	W27
T 28	22 25 17	4°42'34	4♓35	25° 1	25°50	3°23	26° 1	15°10	18°49	26°35	29°10	18°43	16°58	6°50	16°40	T 28
F 29	22 29 14	5°40'36	19°53	26°57	27° 3	3°44	25°54	15°14	18°47	26°37	29°10	18°36	16°55	6°57	16°48	F 29
S 30	22 33 10	6°38'41	5♈ 2	28°54	28°17	4° 6	25°47	15°18	18°45	26°39	29°11	18°29	16°52	7° 3	16°55	S 30
S 31	22 37 7	7♍36'47	19♈53	0♍51	29♍31	4♑28	25♓40	15♏22	18♒43	26♋41	29♏12	18♑22	16♑49	7♍10	17♎ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 6	3s32	4n 8	16n24	4s11	15n23	1n28	28s37	5s10	2s 2	1s28	13s56	2n14	15s35	0s45	20n38	0s25	7s36	12n40	22s 3	22s12	6n42	6s15	0s53
S 2	17 51	2n54	4 50	16 40	3 58	14 59	1 28	28 36	5 9	2 3	1 28	13 56	2 14	15 35	0 45	20 37	0 25	7 36	12 40	22 4	22 13	6 39	6 17	0 53
S 3	17 35	9 2	5 11	16 56	3 45	14 34	1 28	28 35	5 7	2 5	1 28	13 57	2 13	15 36	0 45	20 37	0 25	7 37	12 39	22 4	22 13	6 36	6 19	0 52
M 4	17 20	14 32	5 14	17 12	3 30	14 9	1 28	28 34	5 6	2 6	1 28	13 58	2 13	15 37	0 45	20 37	0 25	7 37	12 39	22 4	22 14	6 33	6 20	0 52
T 5	17 4	19 8	4 57	17 27	3 15	13 44	1 29	28 33	5 5	2 8	1 29	13 59	2 13	15 38	0 45	20 36	0 25	7 38	12 38	22 4	22 14	6 30	6 22	0 51
W 6	16 47	22 37	4 25	17 42	2 59	13 18	1 28	28 31	5 3	2 9	1 29	13 59	2 13	15 39	0 45	20 36	0 25	7 38	12 38	22 4	22 15	6 27	6 24	0 51
T 7	16 31	24 49	3 40	17 56	2 43	12 52	1 28	28 30	5 2	2 11	1 29	14 0	2 12	15 39	0 45	20 36	0 25	7 38	12 37	22 4	22 15	6 24	6 26	0 51
F 8	16 14	25 40	2 44	18 9	2 26	12 25	1 28	28 28	5 0	2 13	1 30	14 1	2 12	15 40	0 45	20 35	0 25	7 39	12 37	22 4	22 15	6 21	6 28	0 50
S 9	15 57	25 11	1 42	18 20	2 9	11 59	1 28	28 27	4 59	2 15	1 30	14 2	2 12	15 41	0 45	20 35	0 25	7 39	12 36	22 4	22 16	6 18	6 30	0 50
S 10	15 39	23 29	0 37	18 30	1 52	11 32	1 28	28 25	4 57	2 17	1 30	14 3	2 12	15 42	0 45	20 34	0 25	7 40	12 36	22 4	22 16	6 15	6 32	0 49
M11	15 22	20 43	0s29	18 38	1 35	11 4	1 27	28 24	4 56	2 19	1 30	14 4	2 11	15 42	0 45	20 34	0 25	7 40	12 35	22 4	22 17	6 12	6 34	0 49
T 12	15 4	17 6	1 33	18 45	1 19	10 37	1 27	28 22	4 54	2 21	1 31	14 5	2 11	15 43	0 45	20 34	0 25	7 41	12 35	22 4	22 17	6 9	6 36	0 49
W13	14 45	12 50	2 33	18 49	1 2	10 9	1 26	28 21	4 52	2 23	1 31	14 6	2 11	15 44	0 45	20 33	0 25	7 41	12 34	22 4	22 17	6 6	6 38	0 48
T 14	14 27	8 6	3 26	18 51	0 46	9 40	1 26	28 19	4 50	2 25	1 31	14 7	2 11	15 45	0 45	20 33	0 25	7 42	12 34	22 5	22 18	6 3	6 40	0 48
F 15	14 8	3 6	4 9	18 51	0 31	9 12	1 25	28 17	4 49	2 27	1 31	14 8	2 10	15 45	0 45	20 32	0 25	7 42	12 33	22 5	22 18	6 0	6 43	0 48
S 16	13 50	2s 0	4 42	18 48	0 16	8 43	1 24	28 15	4 47	2 30	1 32	14 9	2 10	15 46	0 45	20 32	0 25	7 43	12 33	22 6	22 19	5 57	6 45	0 47
S 17	13 31	7 3	5 3	18 43	0 2	8 14	1 23	28 13	4 45	2 32	1 32	14 10	2 10	15 47	0 45	20 32	0 25	7 44	12 32	22 7	22 19	5 54	6 47	0 47
M18	13 11	11 53	5 11	18 35	0n12	7 45	1 22	28 11	4 43	2 34	1 32	14 11	2 10	15 48	0 45	20 31	0 25	7 44	12 32	22 8	22 20	5 51	6 49	0 46
T 19	12 52	16 19	5 5	18 24	0 24	7 16	1 22	28 9	4 41	2 37	1 32	14 12	2 9	15 48	0 45	20 31	0 25	7 45	12 31	22 9	22 20	5 48	6 52	0 46
W20	12 32	20 9	4 45	18 11	0 36	6 46	1 21	28 7	4 39	2 39	1 32	14 13	2 9	15 49	0 45	20 31	0 25	7 45	12 31	22 9	22 20	5 45	6 54	0 46
T 21	12 12	23 9	4 10	17 54	0 47	6 16	1 19	28 5	4 37	2 42	1 33	14 14	2 9	15 50	0 45	20 30	0 25	7 46	12 30	22 9	22 21	5 42	6 56	0 45
F 22	11 52	25 2	3 23	17 35	0 57	5 46	1 18	28 3	4 35	2 44	1 33	14 15	2 9	15 50	0 45	20 30	0 25	7 46	12 30	22 9	22 21	5 39	6 59	0 45
S 23	11 32	25 35	2 23	17 13	1 7	5 16	1 17	28 1	4 33	2 47	1 33	14 17	2 8	15 51	0 45	20 29	0 25	7 47	12 29	22 9	22 22	5 36	7 1	0 44
S 24	11 11	24 34	1 13	16 48	1 15	4 46	1 16	27 58	4 31	2 50	1 33	14 18	2 8	15 52	0 45	20 29	0 25	7 47	12 29	22 9	22 22	5 33	7 3	0 44
M25	10 51	21 58	0n 4	16 21	1 22	4 16	1 15	27 56	4 29	2 53	1 33	14 19	2 8	15 53	0 45	20 29	0 25	7 48	12 28	22 9	22 22	5 30	7 6	0 44
T 26	10 30	17 52	1 23	15 51	1 28	3 45	1 13	27 54	4 27	2 55	1 34	14 20	2 8	15 53	0 45	20 28	0 25	7 49	12 28	22 9	22 23	5 27	7 8	0 43
W27	10 9	12 33	2 37	15 19	1 34	3 15	1 12	27 51	4 25	2 58	1 34	14 22	2 7	15 54	0 45	20 28	0 25	7 49	12 27	22 9	22 23	5 24	7 11	0 43
T 28	9 48	6 24	3 42	14 44	1 38	2 44	1 10	27 48	4 23	3 1	1 34	14 23	2 7	15 55	0 45	20 28	0 25	7 50	12 27	22 10	22 24	5 21	7 13	0 43
F 29	9 27	0n 8	4 30	14 8	1 41	2 13	1 9	27 46	4 21	3 4	1 34	14 24	2 7	15 55	0 45	20 27	0 25	7 50	12 26	22 11	22 24	5 18	7 16	0 42
S 30	9 5	6 35	4 59	13 30	1 44	1 42	1 7	27 43	4 19	3 7	1 34	14 26	2 7	15 56	0 45	20 27	0 25	7 51	12 26	22 12	22 24	5 15	7 18	0 42
S 31	8n44	12n31	5n 7	12n50	1n46	1n12	1n 5	27s40	4s16	3s10	1s34	14s27	2n 7	15s57	0s45	20n27	0s25	7s52	12n25	22s13	22s25	5n12	7s21	0s42

Julian Day Number = 2360081.5, Delta T = 15.88 sec
Ecliptic obliquity = 23°28'22, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'39, Lahiri = 20°21'40Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

SEPTEMBER 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 4	8♍34'55	4♉20	2♍48	0♎44	4♑50	25°R33	15♏26	18°R40	26♋43	29♏13	18°R17	16♑45	7♍17	17♎10	M 1
T 2	22 45 0	9°33'06	18°17	4°45	1°58	5°13	25♓26	15°30	18♒38	26°44	29°13	18♑13	16°42	7°23	17°18	T 2
W 3	22 48 57	10°31'18	1♊46	6°41	3°12	5°37	25°18	15°35	18°36	26°46	29°14	18°10	16°39	7°30	17°25	W 3
T 4	22 52 53	11°29'33	14°48	8°37	4°25	6° 1	25°11	15°39	18°34	26°48	29°15	18°D10	16°36	7°37	17°33	T 4
F 5	22 56 50	12°27'49	27°27	10°32	5°39	6°25	25° 3	15°43	18°32	26°49	29°16	18°11	16°33	7°43	17°41	F 5
S 6	23 0 46	13°26'08	9♋48	12°26	6°53	6°50	24°55	15°48	18°30	26°51	29°17	18°12	16°30	7°50	17°49	S 6
S 7	23 4 43	14°24'29	21°55	14°20	8° 6	7°16	24°48	15°52	18°28	26°53	29°18	18°R12	16°26	7°57	17°56	S 7
M 8	23 8 39	15°22'51	3♌52	16°12	9°20	7°41	24°40	15°57	18°26	26°54	29°19	18°11	16°23	8° 4	18° 4	M 8
T 9	23 12 36	16°21'16	15°44	18° 4	10°34	8° 8	24°32	16° 1	18°24	26°56	29°20	18° 7	16°20	8°10	18°12	T 9
W10	23 16 33	17°19'43	27°33	19°54	11°47	8°35	24°24	16° 6	18°22	26°58	29°21	18° 1	16°17	8°17	18°20	W10
T 11	23 20 29	18°18'11	9♍22	21°44	13° 1	9° 2	24°16	16°11	18°20	26°59	29°22	17°52	16°14	8°24	18°28	T 11
F 12	23 24 26	19°16'42	21°14	23°32	14°14	9°30	24° 8	16°16	18°18	27° 1	29°23	17°41	16°10	8°30	18°36	F 12
S 13	23 28 22	20°15'14	3♎ 9	25°20	15°28	9°58	24° 0	16°21	18°16	27° 2	29°24	17°29	16° 7	8°37	18°44	S 13
S 14	23 32 19	21°13'49	15°10	27° 6	16°42	10°26	23°52	16°26	18°14	27° 4	29°25	17°17	16° 4	8°44	18°52	S 14
M15	23 36 15	22°12'25	27°17	28°52	17°55	10°55	23°44	16°31	18°12	27° 5	29°26	17° 6	16° 1	8°50	19° 0	M15
T 16	23 40 12	23°11'03	9♏32	0♎36	19° 9	11°24	23°36	16°36	18°10	27° 6	29°27	16°57	15°58	8°57	19° 9	T 16
W17	23 44 8	24° 9'42	21°58	2°19	20°22	11°54	23°28	16°41	18° 8	27° 8	29°29	16°50	15°55	9° 4	19°17	W17
T 18	23 48 5	25° 8'24	4♐37	4° 1	21°36	12°24	23°20	16°46	18° 7	27° 9	29°30	16°46	15°51	9°10	19°25	T 18
F 19	23 52 1	26° 7'07	17°33	5°43	22°49	12°54	23°12	16°52	18° 5	27°11	29°31	16°44	15°48	9°17	19°33	F 19
S 20	23 55 58	27° 5'52	0♑48	7°23	24° 3	13°25	23° 4	16°57	18° 3	27°12	29°33	16°D44	15°45	9°24	19°42	S 20
S 21	23 59 55	28° 4'39	14°27	9° 2	25°16	13°56	22°56	17° 2	18° 1	27°13	29°34	16°R44	15°42	9°31	19°50	S 21
M22	0 3 51	29° 3'27	28°30	10°41	26°30	14°28	22°48	17° 8	18° 0	27°14	29°35	16°44	15°39	9°37	19°58	M22
T 23	0 7 48	0♎ 2'17	12♒57	12°18	27°43	14°59	22°40	17°13	17°58	27°16	29°37	16°41	15°36	9°44	20° 7	T 23
W24	0 11 44	1° 1'09	27°48	13°55	28°57	15°31	22°33	17°19	17°57	27°17	29°38	16°37	15°32	9°51	20°15	W24
T 25	0 15 41	2° 0'03	12♓54	15°30	0♏10	16° 4	22°25	17°25	17°55	27°18	29°40	16°29	15°29	9°57	20°23	T 25
F 26	0 19 37	2°58'58	28° 8	17° 5	1°23	16°36	22°17	17°30	17°54	27°19	29°41	16°19	15°26	10° 4	20°32	F 26
S 27	0 23 34	3°57'56	13♈18	18°39	2°37	17° 9	22° 9	17°36	17°52	27°20	29°43	16° 9	15°23	10°11	20°40	S 27
S 28	0 27 30	4°56'55	28°14	20°12	3°50	17°43	22° 2	17°42	17°51	27°21	29°44	15°58	15°20	10°17	20°49	S 28
M29	0 31 27	5°55'57	12♉48	21°44	5° 3	18°16	21°54	17°48	17°50	27°22	29°46	15°48	15°16	10°24	20°57	M29
T 30	0 35 24	6♎55'01	26♉54	23♎16	6♏17	18♑50	21♓47	17♏54	17♒48	27♋23	29♏47	15♑41	15♑13	10♍31	21♎ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n22	17n37	4n56	12n 9	1n47	0n41	1n 4	27s37	4s14	3s13	1s35	14s28	2n 6	15s58	0s45	20n26	0s25	7s52	12n25	22s13	22s25	5n 9	7s23	0s41
T 2	8 0	21 34	4 26	11 27	1 47	0 10	1 2	27 34	4 12	3 16	1 35	14 30	2 6	15 58	0 45	20 26	0 25	7 53	12 24	22 14	22 26	5 6	7 26	0 41
W 3	7 38	24 11	3 43	10 44	1 47	0s21	1 0	27 31	4 10	3 19	1 35	14 31	2 6	15 59	0 45	20 26	0 25	7 54	12 24	22 14	22 26	5 3	7 28	0 41
T 4	7 16	25 25	2 50	9 59	1 46	0 52	0 58	27 28	4 8	3 22	1 35	14 33	2 6	16 0	0 45	20 25	0 25	7 54	12 23	22 14	22 26	5 0	7 31	0 40
F 5	6 54	25 16	1 49	9 14	1 44	1 24	0 56	27 24	4 6	3 25	1 35	14 34	2 5	16 0	0 45	20 25	0 25	7 55	12 23	22 14	22 27	4 57	7 34	0 40
S 6	6 31	23 51	0 45	8 28	1 42	1 55	0 54	27 21	4 4	3 29	1 35	14 35	2 5	16 1	0 45	20 25	0 25	7 56	12 22	22 14	22 27	4 54	7 36	0 39
S 7	6 9	21 22	0s20	7 42	1 39	2 26	0 52	27 17	4 1	3 32	1 35	14 37	2 5	16 1	0 45	20 24	0 25	7 56	12 22	22 14	22 28	4 52	7 39	0 39
M 8	5 46	17 58	1 23	6 56	1 36	2 57	0 50	27 14	3 59	3 35	1 35	14 38	2 5	16 2	0 45	20 24	0 25	7 57	12 21	22 14	22 28	4 49	7 42	0 39
T 9	5 24	13 53	2 22	6 9	1 32	3 28	0 47	27 10	3 57	3 38	1 36	14 40	2 5	16 3	0 45	20 24	0 25	7 58	12 21	22 15	22 28	4 46	7 44	0 38
W10	5 1	9 18	3 14	5 21	1 28	3 58	0 45	27 6	3 55	3 41	1 36	14 42	2 4	16 3	0 45	20 23	0 25	7 58	12 21	22 16	22 29	4 43	7 47	0 38
T 11	4 38	4 23	3 58	4 34	1 24	4 29	0 43	27 2	3 53	3 45	1 36	14 43	2 4	16 4	0 45	20 23	0 25	7 59	12 20	22 17	22 29	4 40	7 50	0 38
F 12	4 15	0s41	4 32	3 47	1 19	5 0	0 41	26 58	3 50	3 48	1 36	14 45	2 4	16 4	0 45	20 23	0 25	8 0	12 20	22 18	22 29	4 37	7 53	0 37
S 13	3 52	5 44	4 53	2 59	1 14	5 31	0 38	26 54	3 48	3 51	1 36	14 46	2 4	16 5	0 45	20 23	0 25	8 0	12 19	22 20	22 30	4 34	7 55	0 37
S 14	3 29	10 37	5 2	2 12	1 9	6 1	0 36	26 49	3 46	3 54	1 36	14 48	2 4	16 6	0 45	20 22	0 25	8 1	12 19	22 21	22 30	4 31	7 58	0 37
M15	3 6	15 9	4 58	1 25	1 3	6 32	0 33	26 45	3 44	3 58	1 36	14 50	2 3	16 6	0 45	20 22	0 25	8 2	12 18	22 23	22 31	4 28	8 1	0 36
T 16	2 43	19 6	4 40	0 38	0 57	7 2	0 31	26 40	3 42	4 1	1 36	14 51	2 3	16 7	0 45	20 22	0 25	8 2	12 18	22 24	22 31	4 25	8 4	0 36
W17	2 19	22 17	4 8	0s 9	0 51	7 32	0 28	26 35	3 40	4 4	1 36	14 53	2 3	16 7	0 45	20 21	0 25	8 3	12 17	22 25	22 31	4 22	8 6	0 36
T 18	1 56	24 26	3 24	0 55	0 45	8 2	0 26	26 30	3 37	4 7	1 36	14 54	2 3	16 8	0 45	20 21	0 25	8 4	12 17	22 25	22 32	4 19	8 9	0 35
F 19	1 33	25 21	2 28	1 41	0 38	8 32	0 23	26 25	3 35	4 10	1 36	14 56	2 3	16 8	0 44	20 21	0 25	8 4	12 16	22 25	22 32	4 16	8 12	0 35
S 20	1 9	24 52	1 24	2 27	0 32	9 2	0 20	26 20	3 33	4 13	1 36	14 58	2 2	16 9	0 44	20 21	0 25	8 5	12 16	22 25	22 32	4 13	8 15	0 35
S 21	0 46	22 53	0 12	3 12	0 25	9 31	0 18	26 14	3 31	4 17	1 36	15 0	2 2	16 9	0 44	20 20	0 25	8 6	12 16	22 25	22 33	4 10	8 18	0 34
M22	0 23	19 29	1n 2	3 57	0 18	10 0	0 15	26 9	3 29	4 20	1 36	15 1	2 2	16 10	0 44	20 20	0 25	8 6	12 15	22 25	22 33	4 7	8 21	0 34
T 23	0s 1	14 48	2 14	4 42	0 11	10 29	0 12	26 3	3 27	4 23	1 36	15 3	2 2	16 10	0 44	20 20	0 25	8 7	12 15	22 26	22 34	4 4	8 24	0 34
W24	0 24	9 8	3 19	5 26	0 4	10 58	0 9	25 57	3 24	4 26	1 36	15 5	2 2	16 11	0 44	20 20	0 25	8 8	12 14	22 26	22 34	4 1	8 26	0 33
T 25	0 48	2 51	4 11	6 9	0s 3	11 27	0 7	25 51	3 22	4 29	1 36	15 6	2 2	16 11	0 44	20 19	0 25	8 9	12 14	22 27	22 34	3 58	8 29	0 33
F 26	1 11	3n38	4 46	6 52	0 10	11 55	0 4	25 45	3 20	4 32	1 36	15 8	2 1	16 12	0 44	20 19	0 25	8 9	12 13	22 28	22 35	3 55	8 32	0 33
S 27	1 35	9 52	5 1	7 35	0 17	12 23	0 1	25 39	3 18	4 35	1 36	15 10	2 1	16 12	0 44	20 19	0 25	8 10	12 13	22 30	22 35	3 52	8 35	0 32
S 28	1 58	15 26	4 54	8 17	0 24	12 51	0s 2	25 32	3 16	4 38	1 36	15 12	2 1	16 12	0 44	20 19	0 25	8 11	12 13	22 31	22 35	3 49	8 38	0 32
M29	2 22	19 58	4 29	8 58	0 32	13 18	0 5	25 25	3 14	4 41	1 36	15 14	2 1	16 13	0 44	20 19	0 25	8 11	12 12	22 32	22 36	3 46	8 41	0 32
T 30	2s45	23n10	3n47	9s39	0s39	13s45	0s 8	25s19	3s12	4s44	1s36	15s15	2n 1	16s13	0s44	20n18	0s25	8s12	12n12	22s33	22s36	3n43	8s44	0s32

Julian Day Number = 2360112.5, Delta T = 15.91 sec
Ecliptic obliquity = 23°28'22, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'43, Lahiri = 20°21'44Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

OCTOBER 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 39 20	7♎54'08	10♊29	24♎46	7♏30	19♑24	21°R39	18♏ 0	17°R47	27♋24	29♏49	15°R36	15♑10	10♍38	21♎15	W 1
T 2	0 43 17	8°53'17	23°36	26°16	8°43	19°58	21♓32	18° 6	17♒46	27°25	29°51	15♑34	15° 7	10°44	21°23	T 2
F 3	0 47 13	9°52'28	6♋17	27°45	9°57	20°33	21°25	18°12	17°45	27°26	29°52	15°33	15° 4	10°51	21°32	F 3
S 4	0 51 10	10°51'41	18°37	29°13	11°10	21° 7	21°18	18°18	17°43	27°27	29°54	15°33	15° 1	10°58	21°40	S 4
S 5	0 55 6	11°50'57	0♌42	0♏40	12°23	21°42	21°11	18°24	17°42	27°28	29°56	15°33	14°57	11° 4	21°49	S 5
M 6	0 59 3	12°50'15	12°37	2° 6	13°36	22°18	21° 4	18°31	17°41	27°29	29°57	15°30	14°54	11°11	21°58	M 6
T 7	1 2 59	13°49'35	24°27	3°32	14°50	22°53	20°57	18°37	17°40	27°30	29°59	15°26	14°51	11°18	22° 6	T 7
W 8	1 6 56	14°48'58	6♍16	4°56	16° 3	23°29	20°50	18°43	17°39	27°31	0♐ 1	15°18	14°48	11°24	22°15	W 8
T 9	1 10 53	15°48'22	18° 7	6°20	17°16	24° 5	20°44	18°49	17°38	27°31	0° 3	15° 8	14°45	11°31	22°24	T 9
F 10	1 14 49	16°47'49	0♎ 3	7°42	18°29	24°41	20°37	18°56	17°37	27°32	0° 5	14°55	14°42	11°38	22°32	F 10
S 11	1 18 46	17°47'18	12° 6	9° 4	19°42	25°17	20°31	19° 2	17°37	27°33	0° 7	14°41	14°38	11°44	22°41	S 11
S 12	1 22 42	18°46'49	24°17	10°25	20°55	25°54	20°25	19° 9	17°36	27°33	0° 8	14°26	14°35	11°51	22°50	S 12
M13	1 26 39	19°46'22	6♏36	11°44	22° 9	26°30	20°19	19°15	17°35	27°34	0°10	14°13	14°32	11°58	22°58	M13
T 14	1 30 35	20°45'57	19° 5	13° 3	23°22	27° 7	20°13	19°22	17°34	27°35	0°12	14° 1	14°29	12° 5	23° 7	T 14
W15	1 34 32	21°45'34	1♐43	14°20	24°35	27°45	20° 7	19°28	17°34	27°35	0°14	13°53	14°26	12°11	23°16	W15
T 16	1 38 28	22°45'13	14°33	15°35	25°48	28°22	20° 1	19°35	17°33	27°36	0°16	13°47	14°22	12°18	23°24	T 16
F 17	1 42 25	23°44'54	27°35	16°50	27° 1	28°59	19°56	19°42	17°33	27°36	0°18	13°44	14°19	12°25	23°33	F 17
S 18	1 46 22	24°44'37	10♑52	18° 2	28°14	29°37	19°51	19°48	17°32	27°37	0°20	13°D43	14°16	12°31	23°42	S 18
S 19	1 50 18	25°44'21	24°26	19°13	29°27	0♒15	19°46	19°55	17°32	27°37	0°22	13°R44	14°13	12°38	23°51	S 19
M20	1 54 15	26°44'07	8♒19	20°23	0♐40	0°53	19°41	20° 2	17°31	27°37	0°24	13°43	14°10	12°45	23°59	M20
T 21	1 58 11	27°43'54	22°31	21°30	1°53	1°31	19°36	20° 9	17°31	27°38	0°26	13°41	14° 7	12°52	24° 8	T 21
W22	2 2 8	28°43'43	7♓ 2	22°34	3° 6	2°10	19°32	20°15	17°31	27°38	0°28	13°37	14° 3	12°58	24°17	W22
T 23	2 6 4	29°43'34	21°48	23°37	4°18	2°48	19°27	20°22	17°30	27°38	0°30	13°29	14° 0	13° 5	24°25	T 23
F 24	2 10 1	0♏43'26	6♈42	24°36	5°31	3°27	19°23	20°29	17°30	27°39	0°33	13°20	13°57	13°12	24°34	F 24
S 25	2 13 57	1°43'21	21°36	25°33	6°44	4° 6	19°19	20°36	17°30	27°39	0°35	13° 9	13°54	13°18	24°43	S 25
S 26	2 17 54	2°43'17	6♉21	26°26	7°57	4°45	19°15	20°43	17°30	27°39	0°37	12°58	13°51	13°25	24°51	S 26
M27	2 21 51	3°43'15	20°49	27°16	9°10	5°24	19°11	20°50	17°D30	27°39	0°39	12°49	13°47	13°32	25° 0	M27
T 28	2 25 47	4°43'15	4♊53	28° 1	10°22	6° 3	19° 8	20°57	17°30	27°39	0°41	12°41	13°44	13°38	25° 9	T 28
W29	2 29 44	5°43'18	18°30	28°41	11°35	6°42	19° 5	21° 4	17°30	27°39	0°43	12°36	13°41	13°45	25°17	W29
T 30	2 33 40	6°43'22	1♋41	29°17	12°48	7°22	19° 2	21°11	17°30	27°39	0°46	12°34	13°38	13°52	25°26	T 30
F 31	2 37 37	7♏43'29	14♋26	29♏46	14♐ 0	8♒ 1	18♓59	21♏18	17♒30	27°R39	0♐48	12°D33	13♑35	13♍59	25♎34	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 8	24n55	2n54	10s19	0s46	14s12	0s11	25s12	3s 9	4s47	1s36	15s17	2n 1	16s14	0s44	20n18	0s25	8s13	12n11	22s34	22s37	3n40	8s47	0s31
T 2	3 32	25 12	1 53	10 59	0 53	14 39	0 14	25 4	3 7	4 50	1 36	15 19	2 0	16 14	0 44	20 18	0 25	8 14	12 11	22 34	22 37	3 37	8 50	0 31
F 3	3 55	24 8	0 49	11 38	1 0	15 5	0 17	24 57	3 5	4 52	1 36	15 21	2 0	16 14	0 44	20 18	0 25	8 14	12 11	22 34	22 37	3 34	8 53	0 31
S 4	4 18	21 55	0s16	12 16	1 7	15 31	0 20	24 50	3 3	4 55	1 35	15 23	2 0	16 15	0 44	20 18	0 25	8 15	12 10	22 34	22 38	3 31	8 56	0 30
S 5	4 41	18 44	1 19	12 53	1 14	15 56	0 23	24 42	3 1	4 58	1 35	15 24	2 0	16 15	0 44	20 17	0 25	8 16	12 10	22 34	22 38	3 28	8 59	0 30
M 6	5 5	14 50	2 18	13 30	1 21	16 21	0 26	24 34	2 59	5 0	1 35	15 26	2 0	16 15	0 44	20 17	0 25	8 16	12 9	22 34	22 38	3 25	9 1	0 30
T 7	5 28	10 24	3 10	14 6	1 28	16 46	0 29	24 26	2 57	5 3	1 35	15 28	2 0	16 15	0 44	20 17	0 25	8 17	12 9	22 35	22 39	3 22	9 4	0 29
W 8	5 51	5 36	3 54	14 41	1 35	17 10	0 32	24 18	2 55	5 6	1 35	15 30	2 0	16 16	0 44	20 17	0 25	8 18	12 9	22 36	22 39	3 19	9 7	0 29
T 9	6 14	0 36	4 27	15 15	1 42	17 34	0 35	24 9	2 53	5 8	1 35	15 32	1 59	16 16	0 44	20 17	0 25	8 19	12 8	22 37	22 39	3 16	9 10	0 29
F 10	6 37	4s27	4 50	15 48	1 48	17 57	0 38	24 1	2 51	5 10	1 35	15 34	1 59	16 16	0 44	20 17	0 25	8 19	12 8	22 38	22 40	3 13	9 13	0 28
S 11	6 59	9 22	4 59	16 21	1 54	18 20	0 41	23 52	2 49	5 13	1 35	15 36	1 59	16 16	0 44	20 17	0 25	8 20	12 8	22 40	22 40	3 10	9 16	0 28
S 12	7 22	14 0	4 55	16 52	2 1	18 43	0 44	23 43	2 46	5 15	1 34	15 37	1 59	16 17	0 44	20 16	0 25	8 21	12 7	22 41	22 40	3 7	9 19	0 28
M13	7 45	18 6	4 37	17 23	2 7	19 5	0 47	23 34	2 44	5 17	1 34	15 39	1 59	16 17	0 44	20 16	0 25	8 21	12 7	22 43	22 41	3 4	9 22	0 28
T 14	8 7	21 27	4 6	17 53	2 12	19 26	0 50	23 25	2 42	5 19	1 34	15 41	1 59	16 17	0 44	20 16	0 25	8 22	12 7	22 44	22 41	3 1	9 25	0 27
W15	8 29	23 50	3 22	18 21	2 18	19 47	0 53	23 16	2 40	5 22	1 34	15 43	1 59	16 17	0 44	20 16	0 25	8 23	12 6	22 45	22 41	2 58	9 28	0 27
T 16	8 52	25 1	2 28	18 49	2 23	20 8	0 56	23 6	2 38	5 24	1 34	15 45	1 59	16 17	0 44	20 16	0 25	8 23	12 6	22 45	22 42	2 55	9 31	0 27
F 17	9 14	24 51	1 24	19 15	2 28	20 28	0 58	22 56	2 36	5 26	1 34	15 47	1 58	16 17	0 44	20 16	0 25	8 24	12 6	22 46	22 42	2 52	9 34	0 26
S 18	9 36	23 17	0 15	19 41	2 33	20 47	1 1	22 46	2 34	5 28	1 33	15 49	1 58	16 18	0 44	20 16	0 25	8 25	12 5	22 46	22 42	2 49	9 37	0 26
S 19	9 58	20 20	0n56	20 5	2 37	21 6	1 4	22 36	2 32	5 29	1 33	15 51	1 58	16 18	0 44	20 16	0 25	8 26	12 5	22 46	22 43	2 46	9 40	0 26
M20	10 19	16 11	2 6	20 27	2 41	21 25	1 7	22 26	2 30	5 31	1 33	15 53	1 58	16 18	0 44	20 16	0 25	8 26	12 5	22 46	22 43	2 43	9 43	0 25
T 21	10 41	11 2	3 10	20 49	2 45	21 43	1 10	22 16	2 28	5 33	1 33	15 55	1 58	16 18	0 44	20 16	0 25	8 27	12 4	22 46	22 43	2 40	9 46	0 25
W22	11 2	5 11	4 3	21 9	2 48	22 0	1 13	22 5	2 26	5 34	1 33	15 56	1 58	16 18	0 44	20 15	0 25	8 28	12 4	22 47	22 44	2 37	9 49	0 25
T 23	11 23	1n 2	4 40	21 28	2 51	22 16	1 16	21 54	2 24	5 36	1 33	15 58	1 58	16 18	0 44	20 15	0 25	8 28	12 4	22 47	22 44	2 34	9 52	0 25
F 24	11 44	7 15	5 0	21 45	2 53	22 32	1 18	21 43	2 22	5 37	1 32	16 0	1 58	16 18	0 43	20 15	0 25	8 29	12 4	22 48	22 44	2 32	9 54	0 24
S 25	12 5	13 2	4 58	22 0	2 55	22 48	1 21	21 32	2 21	5 39	1 32	16 2	1 58	16 18	0 43	20 15	0 25	8 30	12 3	22 49	22 45	2 29	9 57	0 24
S 26	12 26	18 1	4 37	22 14	2 56	23 3	1 24	21 21	2 19	5 40	1 32	16 4	1 57	16 18	0 43	20 15	0 25	8 30	12 3	22 50	22 45	2 26	10 0	0 24
M27	12 46	21 49	3 58	22 26	2 56	23 17	1 26	21 9	2 17	5 41	1 32	16 6	1 57	16 18	0 43	20 15	0 25	8 31	12 3	22 51	22 45	2 23	10 3	0 23
T 28	13 7	24 11	3 6	22 36	2 56	23 30	1 29	20 58	2 15	5 43	1 31	16 8	1 57	16 18	0 43	20 15	0 25	8 32	12 3	22 52	22 46	2 20	10 6	0 23
W29	13 27	25 2	2 4	22 44	2 55	23 43	1 32	20 46	2 13	5 44	1 31	16 10	1 57	16 18	0 43	20 15	0 25	8 32	12 2	22 52	22 46	2 17	10 9	0 23
T 30	13 47	24 25	0 58	22 50	2 52	23 55	1 34	20 34	2 11	5 45	1 31	16 12	1 57	16 18	0 43	20 15	0 25	8 33	12 2	22 53	22 46	2 14	10 12	0 22
F 31	14s 6	22n31	0s10	22s53	2s49	24s 7	1s37	20s22	2s 9	5s46	1s31	16s14	1n57	16s18	0s43	20n15	0s25	8s34	12n 2	22s53	22s47	2n11	10s15	0s22

Julian Day Number = 2360142.5, Delta T = 15.93 sec
Ecliptic obliquity = 23°28'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'48, Lahiri = 20°21'48Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1749
geocentric

NOVEMBER 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 33	8♏43'37	26♋50	0♐ 9	15♐13	8♒41	18°R56	21♏25	17♒30	27°R39	0♐50	12♑34	13♑32	14♍ 5	25♎43	S 1
S 2	2 45 30	9°43'48	8♌57	0°25	16°25	9°21	18♓54	21°32	17°31	27♋39	0°52	12°R34	13°28	14°12	25°51	S 2
M 3	2 49 26	10°44'01	20°54	0°34	17°38	10° 1	18°51	21°39	17°31	27°39	0°54	12°34	13°25	14°19	26° 0	M 3
T 4	2 53 23	11°44'15	2♍45	0°R34	18°51	10°41	18°49	21°46	17°31	27°39	0°57	12°31	13°22	14°25	26° 9	T 4
W 5	2 57 20	12°44'32	14°35	0°25	20° 3	11°21	18°47	21°53	17°32	27°39	0°59	12°26	13°19	14°32	26°17	W 5
T 6	3 1 16	13°44'51	26°28	0° 6	21°15	12° 1	18°46	22° 0	17°32	27°39	1° 1	12°19	13°16	14°39	26°25	T 6
F 7	3 5 13	14°45'11	8♎29	29♏38	22°28	12°41	18°44	22° 7	17°33	27°38	1° 3	12° 9	13°13	14°45	26°34	F 7
S 8	3 9 9	15°45'34	20°40	29° 0	23°40	13°22	18°43	22°14	17°33	27°38	1° 6	11°59	13° 9	14°52	26°42	S 8
S 9	3 13 6	16°45'58	3♏ 2	28°11	24°53	14° 2	18°42	22°21	17°34	27°38	1° 8	11°48	13° 6	14°59	26°51	S 9
M10	3 17 2	17°46'24	15°36	27°13	26° 5	14°43	18°41	22°28	17°35	27°38	1°10	11°38	13° 3	15° 6	26°59	M10
T 11	3 20 59	18°46'52	28°23	26° 7	27°17	15°24	18°40	22°36	17°35	27°37	1°13	11°29	13° 0	15°12	27° 7	T 11
W12	3 24 55	19°47'21	11♐21	24°54	28°29	16° 4	18°40	22°43	17°36	27°37	1°15	11°23	12°57	15°19	27°16	W12
T 13	3 28 52	20°47'52	24°31	23°36	29°41	16°45	18°40	22°50	17°37	27°36	1°17	11°19	12°53	15°26	27°24	T 13
F 14	3 32 49	21°48'24	7♑51	22°15	0♑54	17°26	18°D40	22°57	17°38	27°36	1°20	11°D17	12°50	15°32	27°32	F 14
S 15	3 36 45	22°48'58	21°23	20°54	2° 6	18° 7	18°40	23° 4	17°39	27°35	1°22	11°18	12°47	15°39	27°40	S 15
S 16	3 40 42	23°49'33	5♒ 5	19°36	3°18	18°49	18°40	23°11	17°40	27°35	1°24	11°19	12°44	15°46	27°49	S 16
M17	3 44 38	24°50'09	18°59	18°23	4°30	19°30	18°41	23°19	17°41	27°34	1°27	11°R20	12°41	15°53	27°57	M17
T 18	3 48 35	25°50'46	3♓ 3	17°18	5°42	20°11	18°42	23°26	17°42	27°34	1°29	11°20	12°38	15°59	28° 5	T 18
W19	3 52 31	26°51'24	17°18	16°21	6°53	20°53	18°43	23°33	17°43	27°33	1°32	11°18	12°34	16° 6	28°13	W19
T 20	3 56 28	27°52'04	1♈41	15°36	8° 5	21°34	18°44	23°40	17°44	27°32	1°34	11°14	12°31	16°13	28°21	T 20
F 21	4 0 24	28°52'44	16° 8	15° 2	9°17	22°15	18°45	23°47	17°45	27°32	1°36	11° 9	12°28	16°19	28°29	F 21
S 22	4 4 21	29°53'26	0♉34	14°39	10°29	22°57	18°47	23°54	17°47	27°31	1°39	11° 2	12°25	16°26	28°37	S 22
S 23	4 8 18	0♐54'09	14°54	14°D28	11°40	23°39	18°49	24° 1	17°48	27°30	1°41	10°55	12°22	16°33	28°45	S 23
M24	4 12 14	1°54'53	29° 0	14°28	12°52	24°20	18°51	24° 8	17°49	27°30	1°43	10°49	12°19	16°40	28°52	M24
T 25	4 16 11	2°55'38	12♊50	14°39	14° 3	25° 2	18°53	24°16	17°51	27°29	1°46	10°45	12°15	16°46	29° 0	T 25
W26	4 20 7	3°56'25	26°18	14°59	15°14	25°44	18°55	24°23	17°52	27°28	1°48	10°42	12°12	16°53	29° 8	W26
T 27	4 24 4	4°57'13	9♋25	15°28	16°26	26°26	18°58	24°30	17°54	27°27	1°50	10°D41	12° 9	17° 0	29°16	T 27
F 28	4 28 0	5°58'03	22°10	16° 5	17°37	27° 8	19° 1	24°37	17°55	27°26	1°53	10°41	12° 6	17° 6	29°23	F 28
S 29	4 31 57	6°58'53	4♌36	16°49	18°48	27°49	19° 4	24°44	17°57	27°25	1°55	10°43	12° 3	17°13	29°31	S 29
S 30	4 35 53	7♐59'45	16♌47	17♏39	19♑59	28♒31	19♓ 7	24♏51	17♒58	27♋24	1♐58	10♑45	11♑59	17♍20	29♎38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s26	19n35	1s15	22s54	2s45	24s18	1s39	20s10	2s 7	5s46	1s31	16s15	1n57	16s18	0s43	20n15	0s25	8s34	12n 2	22s53	22s47	2n 8	10s17	0s22
S 2	14 45	15 51	2 16	22 52	2 39	24 28	1 42	19 57	2 5	5 47	1 30	16 17	1 57	16 18	0 43	20 15	0 25	8 35	12 1	22 53	22 47	2 5	10 20	0 22
M 3	15 4	11 33	3 10	22 47	2 33	24 37	1 44	19 45	2 3	5 48	1 30	16 19	1 57	16 17	0 43	20 15	0 25	8 36	12 1	22 53	22 48	2 2	10 23	0 21
T 4	15 23	6 51	3 55	22 39	2 24	24 46	1 46	19 32	2 2	5 48	1 30	16 21	1 57	16 17	0 43	20 15	0 25	8 36	12 1	22 53	22 48	1 59	10 26	0 21
W 5	15 41	1 56	4 30	22 27	2 14	24 54	1 48	19 19	2 0	5 49	1 30	16 23	1 57	16 17	0 43	20 15	0 25	8 37	12 1	22 53	22 48	1 56	10 29	0 21
T 6	15 59	3s 5	4 53	22 12	2 3	25 1	1 51	19 6	1 58	5 49	1 29	16 25	1 57	16 17	0 43	20 15	0 25	8 38	12 1	22 54	22 49	1 53	10 32	0 20
F 7	16 17	8 1	5 4	21 53	1 50	25 8	1 53	18 53	1 56	5 50	1 29	16 27	1 57	16 17	0 43	20 15	0 25	8 38	12 0	22 55	22 49	1 50	10 34	0 20
S 8	16 35	12 43	5 1	21 31	1 35	25 14	1 55	18 39	1 54	5 50	1 29	16 29	1 57	16 17	0 43	20 15	0 25	8 39	12 0	22 56	22 49	1 47	10 37	0 20
S 9	16 52	16 59	4 44	21 4	1 19	25 19	1 57	18 26	1 52	5 50	1 29	16 30	1 56	16 16	0 43	20 15	0 25	8 39	12 0	22 57	22 50	1 44	10 40	0 20
M10	17 9	20 34	4 13	20 34	1 1	25 23	1 59	18 12	1 51	5 50	1 28	16 32	1 56	16 16	0 43	20 16	0 25	8 40	12 0	22 58	22 50	1 41	10 43	0 19
T 11	17 26	23 14	3 29	20 0	0 43	25 27	2 0	17 59	1 49	5 50	1 28	16 34	1 56	16 16	0 43	20 16	0 25	8 41	12 0	22 59	22 50	1 38	10 45	0 19
W12	17 43	24 43	2 34	19 23	0 23	25 30	2 2	17 45	1 47	5 50	1 28	16 36	1 56	16 16	0 43	20 16	0 25	8 41	11 59	22 59	22 50	1 35	10 48	0 19
T 13	17 59	24 50	1 29	18 44	0 2	25 32	2 4	17 31	1 45	5 50	1 28	16 38	1 56	16 15	0 43	20 16	0 25	8 42	11 59	22 59	22 51	1 32	10 51	0 18
F 14	18 15	23 33	0 19	18 3	0n19	25 34	2 6	17 16	1 44	5 50	1 27	16 40	1 56	16 15	0 43	20 16	0 25	8 42	11 59	23 0	22 51	1 29	10 54	0 18
S 15	18 30	20 53	0n54	17 23	0 39	25 34	2 7	17 2	1 42	5 50	1 27	16 41	1 56	16 15	0 43	20 16	0 25	8 43	11 59	22 59	22 51	1 26	10 56	0 18
S 16	18 45	17 0	2 5	16 43	0 58	25 34	2 9	16 48	1 40	5 49	1 27	16 43	1 56	16 14	0 43	20 16	0 25	8 44	11 59	22 59	22 52	1 23	10 59	0 17
M17	19 0	12 9	3 9	16 6	1 16	25 34	2 10	16 33	1 38	5 49	1 27	16 45	1 56	16 14	0 43	20 16	0 25	8 44	11 59	22 59	22 52	1 20	11 2	0 17
T 18	19 15	6 37	4 3	15 32	1 33	25 32	2 11	16 18	1 37	5 48	1 26	16 47	1 56	16 14	0 43	20 16	0 25	8 45	11 59	22 59	22 52	1 17	11 4	0 17
W19	19 29	0 41	4 42	15 2	1 48	25 30	2 13	16 3	1 35	5 48	1 26	16 49	1 56	16 13	0 43	20 16	0 25	8 45	11 59	22 59	22 53	1 15	11 7	0 17
T 20	19 43	5n20	5 5	14 37	2 0	25 27	2 14	15 48	1 33	5 47	1 26	16 50	1 56	16 13	0 43	20 17	0 25	8 46	11 58	23 0	22 53	1 12	11 9	0 16
F 21	19 56	11 5	5 8	14 17	2 11	25 23	2 15	15 33	1 32	5 46	1 26	16 52	1 56	16 12	0 43	20 17	0 25	8 46	11 58	23 0	22 53	1 9	11 12	0 16
S 22	20 9	16 14	4 51	14 2	2 19	25 19	2 16	15 18	1 30	5 45	1 25	16 54	1 56	16 12	0 43	20 17	0 25	8 47	11 58	23 1	22 54	1 6	11 14	0 16
S 23	20 22	20 25	4 17	13 53	2 26	25 14	2 17	15 3	1 28	5 44	1 25	16 56	1 56	16 12	0 43	20 17	0 25	8 47	11 58	23 1	22 54	1 3	11 17	0 15
M24	20 34	23 20	3 27	13 48	2 30	25 8	2 17	14 47	1 27	5 43	1 25	16 58	1 56	16 11	0 42	20 17	0 25	8 48	11 58	23 2	22 54	1 0	11 20	0 15
T 25	20 46	24 47	2 26	13 49	2 33	25 1	2 18	14 32	1 25	5 42	1 24	16 59	1 56	16 11	0 42	20 17	0 25	8 48	11 58	23 2	22 54	0 57	11 22	0 15
W26	20 58	24 43	1 18	13 53	2 35	24 54	2 19	14 16	1 23	5 41	1 24	17 1	1 56	16 10	0 42	20 17	0 25	8 49	11 58	23 2	22 55	0 54	11 24	0 15
T 27	21 9	23 15	0 7	14 2	2 35	24 46	2 19	14 0	1 22	5 40	1 24	17 3	1 56	16 10	0 42	20 18	0 25	8 49	11 58	23 3	22 55	0 51	11 27	0 14
F 28	21 20	20 37	1s 2	14 13	2 33	24 37	2 20	13 44	1 20	5 38	1 24	17 4	1 56	16 9	0 42	20 18	0 25	8 50	11 58	23 2	22 55	0 48	11 29	0 14
S 29	21 30	17 5	2 7	14 28	2 31	24 28	2 20	13 28	1 19	5 37	1 23	17 6	1 56	16 9	0 42	20 18	0 25	8 50	11 58	23 2	22 56	0 45	11 32	0 14
S 30	21s40	12n54	3s 4	14s45	2n28	24s18	2s20	13s12	1s17	5s35	1s23	17s 8	1n56	16s 8	0s42	20n18	0s25	8s51	11n58	23s 2	22s56	0n42	11s34	0s13

Julian Day Number = 2360173.5, Delta T = 15.96 sec
Ecliptic obliquity = 23°28'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'52, Lahiri = 20°21'52Greg. Calendar

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ASTRODIENST EPHEMERIS for the year 1749
geocentric

DECEMBER 1749 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 50	9♐ 0'39	28♌46	18♏34	21♑10	29♒13	19♓11	24♏58	18♒ 0	27°R23	2♐ 0	10♑46	11♑56	17♍26	29♎46	M 1
T 2	4 43 47	10° 1'33	10♍39	19°35	22°21	29°55	19°14	25° 5	18° 2	27♋22	2° 2	10°R47	11°53	17°33	29°53	T 2
W 3	4 47 43	11° 2'29	22°30	20°39	23°32	0♓37	19°18	25°12	18° 4	27°21	2° 5	10°46	11°50	17°40	0♏ 1	W 3
T 4	4 51 40	12° 3'27	4♎25	21°47	24°43	1°20	19°22	25°19	18° 5	27°20	2° 7	10°44	11°47	17°47	0° 8	T 4
F 5	4 55 36	13° 4'25	16°28	22°58	25°53	2° 2	19°26	25°26	18° 7	27°19	2° 9	10°41	11°44	17°53	0°15	F 5
S 6	4 59 33	14° 5'25	28°43	24°12	27° 4	2°44	19°31	25°33	18° 9	27°18	2°12	10°36	11°40	18° 0	0°22	S 6
S 7	5 3 29	15° 6'25	11♏12	25°28	28°14	3°26	19°35	25°40	18°11	27°17	2°14	10°32	11°37	18° 7	0°30	S 7
M 8	5 7 26	16° 7'27	23°58	26°47	29°25	4° 8	19°40	25°46	18°13	27°16	2°16	10°28	11°34	18°13	0°37	M 8
T 9	5 11 22	17° 8'30	7♐ 1	28° 7	0♒35	4°51	19°45	25°53	18°15	27°14	2°19	10°24	11°31	18°20	0°44	T 9
W10	5 15 19	18° 9'34	20°21	29°28	1°45	5°33	19°50	26° 0	18°17	27°13	2°21	10°22	11°28	18°27	0°51	W10
T 11	5 19 16	19°10'38	3♑56	0♐51	2°55	6°16	19°55	26° 7	18°19	27°12	2°23	10°D21	11°25	18°34	0°58	T 11
F 12	5 23 12	20°11'43	17°43	2°15	4° 5	6°58	20° 1	26°14	18°22	27°11	2°25	10°21	11°21	18°40	1° 4	F 12
S 13	5 27 9	21°12'49	1♒41	3°40	5°15	7°40	20° 7	26°20	18°24	27° 9	2°28	10°22	11°18	18°47	1°11	S 13
S 14	5 31 5	22°13'55	15°45	5° 6	6°24	8°23	20°12	26°27	18°26	27° 8	2°30	10°23	11°15	18°54	1°18	S 14
M15	5 35 2	23°15'01	29°54	6°33	7°34	9° 5	20°18	26°34	18°28	27° 7	2°32	10°24	11°12	19° 0	1°24	M15
T 16	5 38 58	24°16'07	14♓ 5	8° 0	8°43	9°48	20°25	26°40	18°31	27° 5	2°34	10°25	11° 9	19° 7	1°31	T 16
W17	5 42 55	25°17'14	28°16	9°28	9°52	10°30	20°31	26°47	18°33	27° 4	2°37	10°R25	11° 5	19°14	1°37	W17
T 18	5 46 51	26°18'21	12♈25	10°57	11° 2	11°13	20°38	26°54	18°36	27° 3	2°39	10°25	11° 2	19°21	1°44	T 18
F 19	5 50 48	27°19'28	26°30	12°26	12°11	11°55	20°44	27° 0	18°38	27° 1	2°41	10°24	10°59	19°27	1°50	F 19
S 20	5 54 45	28°20'35	10♉28	13°55	13°19	12°38	20°51	27° 7	18°40	27° 0	2°43	10°22	10°56	19°34	1°56	S 20
S 21	5 58 41	29°21'43	24°17	15°25	14°28	13°20	20°58	27°13	18°43	26°58	2°46	10°21	10°53	19°41	2° 2	S 21
M22	6 2 38	0♑22'51	7♊55	16°55	15°36	14° 3	21° 5	27°19	18°46	26°57	2°48	10°19	10°50	19°47	2° 8	M22
T 23	6 6 34	1°23'58	21°19	18°26	16°45	14°46	21°13	27°26	18°48	26°55	2°50	10°18	10°46	19°54	2°14	T 23
W24	6 10 31	2°25'07	4♋29	19°56	17°53	15°28	21°20	27°32	18°51	26°54	2°52	10°D18	10°43	20° 1	2°20	W24
T 25	6 14 27	3°26'15	17°22	21°28	19° 1	16°11	21°28	27°38	18°53	26°52	2°54	10°18	10°40	20° 8	2°26	T 25
F 26	6 18 24	4°27'24	29°59	22°59	20° 8	16°53	21°36	27°44	18°56	26°51	2°56	10°18	10°37	20°14	2°32	F 26
S 27	6 22 21	5°28'32	12♌22	24°31	21°16	17°36	21°44	27°51	18°59	26°49	2°58	10°19	10°34	20°21	2°37	S 27
S 28	6 26 17	6°29'41	24°32	26° 3	22°23	18°19	21°52	27°57	19° 2	26°48	3° 0	10°19	10°31	20°28	2°43	S 28
M29	6 30 14	7°30'51	6♍32	27°36	23°30	19° 1	22° 0	28° 3	19° 4	26°46	3° 2	10°20	10°27	20°34	2°49	M29
T 30	6 34 10	8°32'00	18°26	29° 9	24°37	19°44	22° 9	28° 9	19° 7	26°45	3° 4	10°20	10°24	20°41	2°54	T 30
W31	6 38 7	9♑33'10	0♎17	0♑42	25♒44	20♓26	22♓17	28♏15	19♒10	26♋43	3♐ 6	10♑20	10♑21	20♍48	2♏59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s50	8n17	3s53	15s 4	2n24	24s 7	2s20	12s56	1s15	5s34	1s23	17s 9	1n56	16s 8	0s42	20n18	0s25	8s51	11n58	23s 2	22s56	0n39	11s37	0s13
T 2	21 59	3 24	4 31	15 25	2 19	23 55	2 20	12 40	1 14	5 32	1 23	17 11	1 56	16 7	0 42	20 18	0 25	8 52	11 58	23 2	22 56	0 36	11 39	0 13
W 3	22 8	1s34	4 57	15 47	2 14	23 43	2 20	12 24	1 12	5 30	1 22	17 13	1 56	16 6	0 42	20 19	0 25	8 52	11 58	23 2	22 57	0 33	11 41	0 13
T 4	22 16	6 31	5 11	16 10	2 8	23 30	2 20	12 7	1 11	5 28	1 22	17 14	1 56	16 6	0 42	20 19	0 25	8 53	11 58	23 2	22 57	0 30	11 44	0 12
F 5	22 24	11 16	5 12	16 34	2 2	23 17	2 20	11 51	1 9	5 27	1 22	17 16	1 56	16 5	0 42	20 19	0 25	8 53	11 58	23 3	22 57	0 27	11 46	0 12
S 6	22 31	15 40	4 58	16 59	1 55	23 3	2 19	11 34	1 8	5 25	1 22	17 18	1 56	16 5	0 42	20 19	0 25	8 54	11 58	23 3	22 58	0 25	11 48	0 12
S 7	22 38	19 29	4 30	17 24	1 49	22 48	2 19	11 17	1 6	5 23	1 21	17 19	1 56	16 4	0 42	20 20	0 25	8 54	11 58	23 3	22 58	0 22	11 50	0 11
M 8	22 45	22 28	3 48	17 49	1 42	22 33	2 18	11 0	1 5	5 20	1 21	17 21	1 56	16 3	0 42	20 20	0 25	8 54	11 58	23 4	22 58	0 19	11 52	0 11
T 9	22 51	24 21	2 53	18 14	1 34	22 17	2 17	10 44	1 3	5 18	1 21	17 22	1 56	16 3	0 42	20 20	0 25	8 55	11 58	23 4	22 58	0 16	11 55	0 11
W10	22 57	24 55	1 48	18 39	1 27	22 1	2 16	10 27	1 2	5 16	1 21	17 24	1 56	16 2	0 42	20 20	0 25	8 55	11 58	23 4	22 59	0 13	11 57	0 10
T 11	23 2	24 0	0 35	19 4	1 20	21 44	2 15	10 10	1 0	5 14	1 20	17 26	1 56	16 1	0 42	20 21	0 25	8 56	11 58	23 4	22 59	0 10	11 59	0 10
F 12	23 7	21 38	0n41	19 28	1 12	21 26	2 14	9 52	0 59	5 11	1 20	17 27	1 56	16 1	0 42	20 21	0 25	8 56	11 58	23 4	22 59	0 7	12 1	0 10
S 13	23 11	17 57	1 55	19 52	1 4	21 8	2 13	9 35	0 57	5 9	1 20	17 29	1 56	16 0	0 42	20 21	0 25	8 56	11 58	23 4	22 59	0 4	12 3	0 10
S 14	23 15	13 13	3 3	20 15	0 57	20 49	2 11	9 18	0 56	5 6	1 20	17 30	1 56	15 59	0 42	20 21	0 25	8 57	11 58	23 4	23 0	0 1	12 5	0 9
M15	23 18	7 46	4 1	20 38	0 49	20 30	2 10	9 1	0 54	5 4	1 19	17 32	1 56	15 58	0 42	20 22	0 25	8 57	11 58	23 4	23 0	0s 2	12 7	0 9
T 16	23 21	1 54	4 43	20 59	0 41	20 10	2 8	8 43	0 53	5 1	1 19	17 33	1 56	15 58	0 42	20 22	0 25	8 57	11 58	23 4	23 0	0 5	12 9	0 9
W17	23 23	4n 2	5 9	21 21	0 34	19 50	2 7	8 26	0 52	4 58	1 19	17 35	1 56	15 57	0 42	20 22	0 25	8 58	11 58	23 4	23 0	0 8	12 11	0 8
T 18	23 25	9 45	5 16	21 41	0 26	19 29	2 5	8 9	0 50	4 55	1 19	17 36	1 56	15 56	0 42	20 22	0 25	8 58	11 58	23 4	23 1	0 11	12 13	0 8
F 19	23 27	14 57	5 4	22 0	0 19	19 8	2 3	7 51	0 49	4 53	1 18	17 37	1 57	15 55	0 42	20 23	0 25	8 58	11 58	23 4	23 1	0 14	12 15	0 8
S 20	23 28	19 18	4 34	22 19	0 11	18 46	2 1	7 34	0 47	4 50	1 18	17 39	1 57	15 55	0 42	20 23	0 25	8 59	11 58	23 4	23 1	0 16	12 17	0 7
S 21	23 28	22 33	3 48	22 36	0 4	18 24	1 58	7 16	0 46	4 47	1 18	17 40	1 57	15 54	0 42	20 23	0 25	8 59	11 58	23 4	23 2	0 19	12 19	0 7
M22	23 28	24 27	2 50	22 53	0s 3	18 2	1 56	6 58	0 45	4 44	1 18	17 42	1 57	15 53	0 42	20 23	0 25	8 59	11 59	23 4	23 2	0 22	12 20	0 7
T 23	23 28	24 54	1 43	23 8	0 10	17 39	1 54	6 41	0 43	4 40	1 17	17 43	1 57	15 52	0 42	20 24	0 25	9 0	11 59	23 4	23 2	0 25	12 22	0 7
W24	23 27	23 56	0 32	23 23	0 17	17 15	1 51	6 23	0 42	4 37	1 17	17 44	1 57	15 51	0 42	20 24	0 25	9 0	11 59	23 4	23 2	0 28	12 24	0 6
T 25	23 26	21 42	0s39	23 36	0 24	16 51	1 48	6 5	0 41	4 34	1 17	17 46	1 57	15 50	0 42	20 24	0 25	9 0	11 59	23 4	23 3	0 31	12 26	0 6
F 26	23 24	18 26	1 47	23 48	0 31	16 27	1 45	5 47	0 39	4 31	1 17	17 47	1 57	15 50	0 42	20 25	0 25	9 0	11 59	23 4	23 3	0 34	12 27	0 6
S 27	23 22	14 25	2 49	23 59	0 37	16 3	1 42	5 29	0 38	4 27	1 17	17 48	1 57	15 49	0 42	20 25	0 25	9 1	11 59	23 4	23 3	0 37	12 29	0 5
S 28	23 19	9 53	3 42	24 9	0 44	15 38	1 39	5 12	0 37	4 24	1 16	17 50	1 57	15 48	0 42	20 25	0 25	9 1	11 59	23 4	23 3	0 40	12 31	0 5
M29	23 16	5 2	4 24	24 17	0 50	15 13	1 36	4 54	0 36	4 21	1 16	17 51	1 57	15 47	0 42	20 26	0 25	9 1	11 59	23 4	23 4	0 43	12 32	0 5
T 30	23 12	0 4	4 54	24 24	0 56	14 47	1 33	4 36	0 34	4 17	1 16	17 52	1 57	15 46	0 42	20 26	0 25	9 1	12 0	23 4	23 4	0 46	12 34	0 4
W31	23s 8	4s53	5s12	24s30	1s 2	14s21	1s29	4s18	0s33	4s13	1s16	17s53	1n57	15s45	0s42	20n26	0s25	9s 1	12n 0	23s 4	23s 4	0s48	12s35	0s 4

Julian Day Number = 2360203.5, Delta T = 15.98 sec
Ecliptic obliquity = 23°28'20, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°14'56, Lahiri = 20°21'56Greg. Calendar

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