Astrodienst Ephemeris Tables

for the year 1745

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1745
geocentric

JANUARY 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 52	10♑47'27	19♐45	21♑49	13♒38	2♎ 2	9♏27	1♎43	0♒ 3	15°R16	20♏56	17°R30	16♈59	27♒40	8°R37	F 1
S 2	6 46 48	11°48'39	2♑19	23°27	14°52	2°24	9°36	1°44	0° 6	15♋15	20°58	17♈17	16°56	27°47	8♌33	S 2
S 3	6 50 45	12°49'50	14°42	25° 4	16° 6	2°45	9°45	1°45	0° 9	15°13	21° 0	17° 3	16°53	27°53	8°30	S 3
M 4	6 54 42	13°51'02	26°56	26°42	17°19	3° 6	9°54	1°46	0°13	15°11	21° 1	16°48	16°50	28° 0	8°26	M 4
T 5	6 58 38	14°52'13	9♒ 0	28°19	18°33	3°27	10° 3	1°46	0°16	15° 9	21° 3	16°34	16°46	28° 7	8°22	T 5
W 6	7 2 35	15°53'23	20°56	29°56	19°46	3°47	10°11	1°47	0°20	15° 8	21° 5	16°22	16°43	28°13	8°18	W 6
T 7	7 6 31	16°54'33	2♓46	1♒32	21° 0	4° 6	10°20	1°47	0°23	15° 6	21° 6	16°13	16°40	28°20	8°14	T 7
F 8	7 10 28	17°55'43	14°34	3° 7	22°14	4°26	10°28	1°48	0°27	15° 4	21° 8	16° 7	16°37	28°27	8°10	F 8
S 9	7 14 24	18°56'52	26°23	4°41	23°27	4°45	10°37	1°48	0°30	15° 3	21° 9	16° 4	16°34	28°33	8° 6	S 9
S 10	7 18 21	19°58'00	8♈18	6°13	24°40	5° 3	10°45	1°48	0°34	15° 1	21°11	16° 3	16°31	28°40	8° 1	S 10
M11	7 22 17	20°59'08	20°24	7°44	25°54	5°22	10°53	1°R48	0°37	14°59	21°12	16° 3	16°27	28°47	7°57	M11
T 12	7 26 14	22° 0'15	2♉47	9°12	27° 7	5°39	11° 1	1°48	0°40	14°58	21°14	16° 3	16°24	28°54	7°53	T 12
W13	7 30 11	23° 1'21	15°32	10°37	28°20	5°57	11° 8	1°48	0°44	14°56	21°15	16° 1	16°21	29° 0	7°49	W13
T 14	7 34 7	24° 2'26	28°44	12° 0	29°33	6°14	11°16	1°47	0°47	14°54	21°16	15°57	16°18	29° 7	7°44	T 14
F 15	7 38 4	25° 3'31	12♊26	13°18	0♓47	6°30	11°23	1°47	0°51	14°53	21°18	15°50	16°15	29°14	7°40	F 15
S 16	7 42 0	26° 4'35	26°37	14°33	2° 0	6°46	11°31	1°46	0°54	14°51	21°19	15°41	16°11	29°20	7°35	S 16
S 17	7 45 57	27° 5'38	11♋14	15°41	3°13	7° 2	11°38	1°46	0°58	14°49	21°20	15°30	16° 8	29°27	7°31	S 17
M18	7 49 53	28° 6'40	26°12	16°44	4°26	7°17	11°45	1°45	1° 2	14°48	21°22	15°18	16° 5	29°34	7°26	M18
T 19	7 53 50	29° 7'42	11♌21	17°41	5°38	7°31	11°52	1°44	1° 5	14°46	21°23	15° 7	16° 2	29°40	7°22	T 19
W20	7 57 47	0♒ 8'43	26°29	18°29	6°51	7°46	11°59	1°43	1° 9	14°44	21°24	14°58	15°59	29°47	7°17	W20
T 21	8 1 43	1° 9'43	11♍28	19° 9	8° 4	7°59	12° 5	1°42	1°12	14°43	21°25	14°52	15°56	29°54	7°13	T 21
F 22	8 5 40	2°10'42	26°10	19°40	9°17	8°12	12°12	1°41	1°16	14°41	21°26	14°48	15°52	0♓ 0	7° 8	F 22
S 23	8 9 36	3°11'41	10♎29	20° 1	10°29	8°25	12°18	1°40	1°19	14°39	21°28	14°D47	15°49	0° 7	7° 4	S 23
S 24	8 13 33	4°12'39	24°25	20°R11	11°42	8°37	12°24	1°38	1°23	14°38	21°29	14°47	15°46	0°14	6°59	S 24
M25	8 17 29	5°13'37	7♏58	20°10	12°54	8°48	12°30	1°37	1°26	14°36	21°30	14°R47	15°43	0°20	6°55	M25
T 26	8 21 26	6°14'34	21°11	19°57	14° 6	8°59	12°36	1°35	1°30	14°35	21°31	14°46	15°40	0°27	6°50	T 26
W27	8 25 22	7°15'30	4♐ 5	19°34	15°19	9°10	12°42	1°34	1°33	14°33	21°32	14°43	15°37	0°34	6°45	W27
T 28	8 29 19	8°16'25	16°45	18°59	16°31	9°20	12°47	1°32	1°37	14°32	21°33	14°37	15°33	0°41	6°41	T 28
F 29	8 33 16	9°17'20	29°13	18°15	17°43	9°29	12°53	1°30	1°40	14°30	21°33	14°29	15°30	0°47	6°36	F 29
S 30	8 37 12	10°18'14	11♑31	17°21	18°55	9°38	12°58	1°28	1°44	14°29	21°34	14°18	15°27	0°54	6°32	S 30
S 31	8 41 9	11♒19'07	23♑41	16♒20	20♓ 7	9♎46	13♏ 3	1♎26	1♒47	14♋27	21♏35	14♈ 5	15♈24	1♓ 1	6♌27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 2	27s29	4s26	23s49	2s 8	18s28	1s47	1n31	2n32	13s35	1n 8	1n26	2n18	20s43	0s33	21n51	0s45	4s13	14n17	6n53	6n41	15s58	10n44	7s40
S 2	22 57	28 17	4 49	23 31	2 7	18 6	1 47	1 23	2 33	13 38	1 8	1 26	2 18	20 42	0 33	21 51	0 45	4 13	14 17	6 48	6 40	15 55	10 44	7 40
S 3	22 51	27 37	4 59	23 12	2 5	17 44	1 46	1 16	2 34	13 41	1 8	1 25	2 19	20 41	0 33	21 52	0 45	4 13	14 17	6 42	6 39	15 52	10 45	7 40
M 4	22 45	25 37	4 55	22 51	2 2	17 21	1 46	1 8	2 35	13 43	1 8	1 25	2 19	20 40	0 33	21 52	0 45	4 13	14 18	6 37	6 37	15 49	10 46	7 41
T 5	22 39	22 29	4 37	22 29	1 59	16 57	1 45	1 1	2 36	13 46	1 9	1 25	2 19	20 40	0 33	21 52	0 45	4 13	14 18	6 31	6 36	15 46	10 46	7 41
W 6	22 32	18 27	4 7	22 5	1 56	16 33	1 44	0 54	2 37	13 49	1 9	1 25	2 20	20 39	0 33	21 52	0 45	4 13	14 18	6 27	6 35	15 43	10 47	7 41
T 7	22 24	13 43	3 27	21 40	1 52	16 9	1 43	0 47	2 39	13 51	1 9	1 26	2 20	20 38	0 33	21 52	0 45	4 14	14 19	6 23	6 34	15 41	10 48	7 42
F 8	22 16	8 31	2 38	21 13	1 47	15 44	1 42	0 41	2 40	13 54	1 9	1 26	2 20	20 37	0 33	21 53	0 45	4 14	14 19	6 21	6 32	15 38	10 48	7 42
S 9	22 8	3 0	1 42	20 45	1 41	15 19	1 41	0 34	2 41	13 56	1 9	1 26	2 20	20 37	0 33	21 53	0 45	4 14	14 19	6 20	6 31	15 35	10 49	7 42
S 10	21 59	2n40	0 41	20 16	1 34	14 53	1 40	0 28	2 42	13 58	1 9	1 26	2 21	20 36	0 33	21 53	0 45	4 14	14 20	6 19	6 30	15 32	10 50	7 42
M11	21 50	8 20	0n23	19 46	1 27	14 27	1 39	0 22	2 43	14 1	1 9	1 26	2 21	20 35	0 33	21 53	0 45	4 14	14 20	6 19	6 29	15 29	10 51	7 43
T 12	21 40	13 49	1 27	19 15	1 19	14 1	1 37	0 16	2 44	14 3	1 10	1 27	2 21	20 34	0 33	21 53	0 45	4 14	14 20	6 19	6 28	15 26	10 52	7 43
W13	21 30	18 54	2 29	18 43	1 10	13 34	1 36	0 10	2 45	14 5	1 10	1 27	2 22	20 34	0 33	21 54	0 45	4 14	14 21	6 19	6 26	15 23	10 53	7 43
T 14	21 20	23 15	3 25	18 10	1 0	13 7	1 34	0 4	2 46	14 8	1 10	1 27	2 22	20 33	0 33	21 54	0 45	4 14	14 21	6 17	6 25	15 20	10 53	7 43
F 15	21 9	26 29	4 12	17 38	0 49	12 39	1 33	0s 1	2 48	14 10	1 10	1 28	2 22	20 32	0 33	21 54	0 45	4 14	14 21	6 15	6 24	15 17	10 54	7 43
S 16	20 58	28 10	4 44	17 5	0 37	12 12	1 31	0 6	2 49	14 12	1 10	1 28	2 22	20 31	0 33	21 54	0 45	4 14	14 22	6 11	6 23	15 14	10 55	7 44
S 17	20 46	27 59	5 0	16 32	0 24	11 44	1 29	0 12	2 50	14 14	1 10	1 29	2 23	20 31	0 33	21 54	0 45	4 14	14 22	6 7	6 21	15 11	10 56	7 44
M18	20 34	25 46	4 55	16 0	0 10	11 15	1 27	0 16	2 51	14 16	1 10	1 29	2 23	20 30	0 33	21 55	0 45	4 13	14 23	6 2	6 20	15 8	10 57	7 44
T 19	20 22	21 44	4 30	15 29	0n 4	10 47	1 25	0 21	2 52	14 18	1 11	1 30	2 23	20 29	0 33	21 55	0 45	4 13	14 23	5 58	6 19	15 5	10 58	7 44
W20	20 9	16 15	3 46	15 0	0 20	10 18	1 23	0 26	2 53	14 20	1 11	1 31	2 24	20 28	0 33	21 55	0 45	4 13	14 23	5 54	6 18	15 3	10 59	7 44
T 21	19 56	9 50	2 47	14 32	0 36	9 49	1 21	0 30	2 55	14 22	1 11	1 31	2 24	20 28	0 33	21 55	0 45	4 13	14 24	5 52	6 17	15 0	11 0	7 44
F 22	19 42	3 1	1 37	14 6	0 53	9 19	1 19	0 34	2 56	14 23	1 11	1 32	2 24	20 27	0 33	21 55	0 45	4 13	14 24	5 51	6 15	14 57	11 1	7 44
S 23	19 28	3s49	0 23	13 43	1 10	8 50	1 17	0 38	2 57	14 25	1 11	1 33	2 24	20 26	0 33	21 56	0 45	4 13	14 25	5 50	6 14	14 54	11 2	7 44
S 24	19 14	10 16	0s51	13 23	1 28	8 20	1 14	0 42	2 58	14 27	1 11	1 34	2 25	20 25	0 33	21 56	0 45	4 13	14 25	5 50	6 13	14 51	11 3	7 44
M25	18 59	16 5	2 0	13 7	1 46	7 50	1 12	0 45	2 59	14 29	1 12	1 34	2 25	20 24	0 33	21 56	0 45	4 13	14 25	5 50	6 12	14 48	11 5	7 44
T 26	18 44	20 59	3 0	12 54	2 3	7 20	1 9	0 48	3 1	14 30	1 12	1 35	2 25	20 24	0 33	21 56	0 45	4 12	14 26	5 50	6 10	14 45	11 6	7 44
W27	18 29	24 46	3 50	12 45	2 20	6 49	1 7	0 51	3 2	14 32	1 12	1 36	2 25	20 23	0 33	21 56	0 45	4 12	14 26	5 49	6 9	14 42	11 7	7 44
T 28	18 13	27 16	4 28	12 40	2 36	6 19	1 4	0 54	3 3	14 33	1 12	1 37	2 26	20 22	0 33	21 57	0 45	4 12	14 27	5 46	6 8	14 39	11 8	7 44
F 29	17 57	28 20	4 52	12 40	2 52	5 48	1 1	0 57	3 4	14 35	1 12	1 38	2 26	20 21	0 33	21 57	0 45	4 12	14 27	5 43	6 7	14 36	11 9	7 44
S 30	17 41	27 59	5 2	12 43	3 5	5 17	0 58	0 59	3 5	14 36	1 12	1 39	2 26	20 21	0 33	21 57	0 45	4 12	14 27	5 39	6 5	14 33	11 10	7 44
S 31	17s25	26s18	4s58	12s50	3n17	4s46	0s55	1s 1	3n 6	14s38	1n13	1n40	2n26	20s20	0s33	21n57	0s45	4s12	14n28	5n34	6n 4	14s30	11n12	7s44

Julian Day Number = 2358408.5, Delta T = 14.58 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'49, Lahiri = 20°17'50Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

FEBRUARY 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 5	12♒19'58	5♒43	15°R13	21♓19	9♎53	13♏ 8	1°R24	1♒51	14°R26	21♏36	13°R53	15♈21	1♓ 7	6°R22	M 1
T 2	8 49 2	13°20'49	17°39	14♒ 3	22°30	10° 0	13°13	1♎21	1°54	14♋24	21°37	13♈41	15°17	1°14	6♌18	T 2
W 3	8 52 58	14°21'38	29°31	12°50	23°42	10° 6	13°17	1°19	1°58	14°23	21°37	13°31	15°14	1°21	6°13	W 3
T 4	8 56 55	15°22'26	11♓20	11°39	24°54	10°11	13°22	1°16	2° 1	14°21	21°38	13°23	15°11	1°27	6° 9	T 4
F 5	9 0 51	16°23'12	23° 8	10°29	26° 5	10°16	13°26	1°14	2° 4	14°20	21°39	13°18	15° 8	1°34	6° 4	F 5
S 6	9 4 48	17°23'57	4♈58	9°23	27°16	10°20	13°30	1°11	2° 8	14°19	21°39	13°16	15° 5	1°41	6° 0	S 6
S 7	9 8 45	18°24'41	16°53	8°22	28°28	10°23	13°34	1° 8	2°11	14°17	21°40	13°D16	15° 2	1°47	5°55	S 7
M 8	9 12 41	19°25'22	28°59	7°28	29°39	10°26	13°38	1° 6	2°15	14°16	21°40	13°16	14°58	1°54	5°51	M 8
T 9	9 16 38	20°26'03	11♉20	6°41	0♈50	10°28	13°41	1° 3	2°18	14°15	21°41	13°18	14°55	2° 1	5°46	T 9
W10	9 20 34	21°26'41	24° 0	6° 1	2° 1	10°29	13°45	1° 0	2°22	14°13	21°41	13°R18	14°52	2° 7	5°42	W10
T 11	9 24 31	22°27'18	7♊ 5	5°29	3°12	10°R30	13°48	0°57	2°25	14°12	21°42	13°17	14°49	2°14	5°38	T 11
F 12	9 28 27	23°27'53	20°38	5° 6	4°22	10°30	13°51	0°53	2°28	14°11	21°42	13°13	14°46	2°21	5°33	F 12
S 13	9 32 24	24°28'26	4♋41	4°50	5°33	10°29	13°54	0°50	2°32	14°10	21°43	13° 8	14°43	2°27	5°29	S 13
S 14	9 36 20	25°28'58	19°13	4°41	6°43	10°27	13°56	0°47	2°35	14° 8	21°43	13° 2	14°39	2°34	5°25	S 14
M15	9 40 17	26°29'28	4♌ 9	4°D40	7°53	10°25	13°59	0°43	2°38	14° 7	21°43	12°54	14°36	2°41	5°21	M15
T 16	9 44 14	27°29'56	19°21	4°45	9° 4	10°21	14° 1	0°40	2°41	14° 6	21°44	12°47	14°33	2°47	5°17	T 16
W17	9 48 10	28°30'22	4♍40	4°57	10°14	10°17	14° 3	0°36	2°45	14° 5	21°44	12°41	14°30	2°54	5°13	W17
T 18	9 52 7	29°30'47	19°54	5°15	11°23	10°13	14° 5	0°33	2°48	14° 4	21°44	12°37	14°27	3° 1	5° 9	T 18
F 19	9 56 3	0♓31'10	4♎53	5°38	12°33	10° 7	14° 7	0°29	2°51	14° 3	21°44	12°35	14°23	3° 8	5° 5	F 19
S 20	10 0 0	1°31'32	19°30	6° 7	13°43	10° 1	14° 9	0°25	2°54	14° 2	21°44	12°D35	14°20	3°14	5° 1	S 20
S 21	10 3 56	2°31'52	3♏41	6°41	14°52	9°54	14°10	0°21	2°58	14° 1	21°44	12°36	14°17	3°21	4°57	S 21
M22	10 7 53	3°32'11	17°25	7°19	16° 1	9°46	14°11	0°18	3° 1	14° 0	21°44	12°38	14°14	3°28	4°53	M22
T 23	10 11 49	4°32'28	0♐44	8° 1	17°10	9°37	14°12	0°14	3° 4	13°59	21°R44	12°R39	14°11	3°34	4°49	T 23
W24	10 15 46	5°32'44	13°39	8°47	18°19	9°28	14°13	0°10	3° 7	13°58	21°44	12°38	14° 8	3°41	4°46	W24
T 25	10 19 43	6°32'59	26°16	9°36	19°28	9°18	14°14	0° 6	3°10	13°57	21°44	12°37	14° 4	3°48	4°42	T 25
F 26	10 23 39	7°33'12	8♑36	10°29	20°37	9° 7	14°14	0° 1	3°13	13°56	21°44	12°33	14° 1	3°54	4°39	F 26
S 27	10 27 36	8°33'23	20°45	11°25	21°45	8°55	14°14	29♏57	3°16	13°55	21°44	12°28	13°58	4° 1	4°35	S 27
S 28	10 31 32	9♓33'33	2♒46	12♒24	22♈53	8♎43	14°R15	29♏53	3♒19	13♋54	21♏44	12♈22	13♈55	4♓ 8	4♌32	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 8	23s25	4s41	13s 0	3n27	4s15	0s52	1s 3	3n 8	14s39	1n13	1n41	2n27	20s19	0s33	21n57	0s45	4s11	14n28	5n29	6n 3	14s27	11n13	7s44
T 2	16 50	19 33	4 12	13 13	3 34	3 44	0 49	1 4	3 9	14 40	1 13	1 42	2 27	20 18	0 33	21 57	0 44	4 11	14 29	5 24	6 2	14 24	11 14	7 44
W 3	16 33	14 57	3 32	13 29	3 39	3 13	0 46	1 6	3 10	14 41	1 13	1 44	2 27	20 18	0 33	21 58	0 44	4 11	14 29	5 20	6 1	14 21	11 15	7 43
T 4	16 15	9 49	2 42	13 46	3 41	2 41	0 43	1 7	3 11	14 43	1 13	1 45	2 27	20 17	0 33	21 58	0 44	4 11	14 30	5 18	5 59	14 18	11 16	7 43
F 5	15 57	4 21	1 46	14 5	3 41	2 10	0 40	1 7	3 12	14 44	1 13	1 46	2 28	20 16	0 33	21 58	0 44	4 10	14 30	5 16	5 58	14 15	11 18	7 43
S 6	15 39	1n18	0 44	14 25	3 39	1 38	0 36	1 8	3 13	14 45	1 14	1 47	2 28	20 15	0 33	21 58	0 44	4 10	14 30	5 15	5 57	14 12	11 19	7 43
S 7	15 20	6 57	0n20	14 44	3 35	1 7	0 33	1 8	3 14	14 46	1 14	1 49	2 28	20 14	0 33	21 58	0 44	4 10	14 31	5 15	5 56	14 9	11 20	7 43
M 8	15 1	12 26	1 24	15 4	3 29	0 35	0 29	1 8	3 16	14 47	1 14	1 50	2 28	20 14	0 33	21 58	0 44	4 9	14 31	5 15	5 54	14 6	11 22	7 42
T 9	14 42	17 33	2 25	15 23	3 21	0 4	0 26	1 8	3 17	14 48	1 14	1 51	2 29	20 13	0 33	21 59	0 44	4 9	14 32	5 15	5 53	14 3	11 23	7 42
W10	14 23	22 3	3 21	15 42	3 12	0n28	0 22	1 8	3 18	14 48	1 14	1 53	2 29	20 12	0 33	21 59	0 44	4 9	14 32	5 15	5 52	14 0	11 24	7 42
T 11	14 3	25 37	4 9	15 59	3 2	0 59	0 19	1 7	3 19	14 49	1 15	1 54	2 29	20 11	0 33	21 59	0 44	4 9	14 33	5 15	5 51	13 57	11 25	7 42
F 12	13 43	27 52	4 44	16 15	2 51	1 31	0 15	1 6	3 20	14 50	1 15	1 56	2 29	20 11	0 33	21 59	0 44	4 8	14 33	5 14	5 50	13 54	11 27	7 41
S 13	13 23	28 28	5 4	16 31	2 39	2 2	0 11	1 5	3 21	14 51	1 15	1 57	2 30	20 10	0 33	21 59	0 44	4 8	14 34	5 12	5 48	13 51	11 28	7 41
S 14	13 3	27 9	5 6	16 44	2 27	2 34	0 7	1 3	3 22	14 51	1 15	1 59	2 30	20 9	0 33	21 59	0 44	4 8	14 34	5 9	5 47	13 48	11 29	7 41
M15	12 42	23 54	4 47	16 57	2 15	3 5	0 3	1 1	3 23	14 52	1 15	2 0	2 30	20 8	0 33	22 0	0 44	4 7	14 34	5 6	5 46	13 45	11 31	7 40
T 16	12 22	18 57	4 8	17 8	2 2	3 36	0n 1	0 59	3 24	14 52	1 15	2 2	2 30	20 8	0 33	22 0	0 44	4 7	14 35	5 3	5 45	13 42	11 32	7 40
W17	12 1	12 46	3 11	17 17	1 49	4 8	0 5	0 57	3 25	14 53	1 16	2 3	2 30	20 7	0 33	22 0	0 44	4 6	14 35	5 1	5 43	13 39	11 33	7 40
T 18	11 40	5 51	2 0	17 26	1 36	4 39	0 9	0 54	3 25	14 53	1 16	2 5	2 31	20 6	0 33	22 0	0 44	4 6	14 36	5 0	5 42	13 35	11 35	7 39
F 19	11 18	1s18	0 42	17 32	1 24	5 10	0 13	0 51	3 26	14 53	1 16	2 7	2 31	20 6	0 33	22 0	0 44	4 6	14 36	4 59	5 41	13 32	11 36	7 39
S 20	10 57	8 13	0s37	17 37	1 11	5 41	0 17	0 48	3 27	14 54	1 16	2 8	2 31	20 5	0 33	22 0	0 44	4 5	14 37	4 59	5 40	13 29	11 37	7 38
S 21	10 35	14 31	1 52	17 41	0 59	6 12	0 21	0 44	3 28	14 54	1 16	2 10	2 31	20 4	0 33	22 0	0 44	4 5	14 37	4 59	5 38	13 26	11 39	7 38
M22	10 14	19 54	2 58	17 43	0 47	6 42	0 25	0 41	3 29	14 54	1 17	2 12	2 31	20 3	0 33	22 1	0 44	4 5	14 37	5 0	5 37	13 23	11 40	7 37
T 23	9 52	24 7	3 52	17 43	0 35	7 13	0 30	0 37	3 29	14 54	1 17	2 13	2 31	20 3	0 33	22 1	0 44	4 4	14 38	5 0	5 36	13 20	11 41	7 37
W24	9 30	26 59	4 33	17 43	0 24	7 43	0 34	0 32	3 30	14 54	1 17	2 15	2 32	20 2	0 33	22 1	0 44	4 4	14 38	5 0	5 35	13 17	11 42	7 37
T 25	9 7	28 24	4 59	17 40	0 13	8 13	0 38	0 28	3 31	14 54	1 17	2 17	2 32	20 1	0 34	22 1	0 44	4 3	14 39	4 59	5 34	13 14	11 44	7 36
F 26	8 45	28 22	5 10	17 36	0 2	8 43	0 43	0 23	3 31	14 54	1 17	2 19	2 32	20 1	0 34	22 1	0 44	4 3	14 39	4 58	5 32	13 11	11 45	7 36
S 27	8 22	26 56	5 8	17 31	0s 9	9 13	0 47	0 18	3 32	14 54	1 17	2 21	2 32	20 0	0 34	22 1	0 44	4 2	14 40	4 56	5 31	13 8	11 46	7 35
S 28	8s 0	24s18	4s52	17s24	0s19	9n43	0n52	0s13	3n32	14s54	1n18	2n22	2n32	19s59	0s34	22n 1	0s44	4s 2	14n40	4n54	5n30	13s 5	11n48	7s34

Julian Day Number = 2358439.5, Delta T = 14.60 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'53, Lahiri = 20°17'54Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

MARCH 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 29	10♓33'41	14♒40	13♒25	24♈ 2	8°R29	14°R14	29°R49	3♒22	13°R54	21°R44	12°R16	13♈52	4♓14	4°R29	M 1
T 2	10 39 25	11°33'47	26°30	14°29	25° 9	8♎15	14♏14	29♍44	3°25	13♋53	21♏43	12♈10	13°49	4°21	4♌25	T 2
W 3	10 43 22	12°33'52	8♓19	15°35	26°17	8° 1	14°14	29°40	3°28	13°52	21°43	12° 5	13°45	4°28	4°22	W 3
T 4	10 47 18	13°33'54	20° 9	16°44	27°25	7°45	14°13	29°36	3°31	13°51	21°43	12° 2	13°42	4°34	4°19	T 4
F 5	10 51 15	14°33'55	2♈ 0	17°54	28°32	7°29	14°12	29°31	3°34	13°51	21°43	12° 0	13°39	4°41	4°16	F 5
S 6	10 55 12	15°33'53	13°56	19° 7	29°39	7°12	14°11	29°27	3°37	13°50	21°42	12°D 0	13°36	4°48	4°13	S 6
S 7	10 59 8	16°33'50	25°59	20°21	0♉46	6°55	14°10	29°22	3°39	13°50	21°42	12° 0	13°33	4°54	4°10	S 7
M 8	11 3 5	17°33'44	8♉11	21°38	1°53	6°37	14° 8	29°18	3°42	13°49	21°41	12° 2	13°29	5° 1	4° 8	M 8
T 9	11 7 1	18°33'37	20°37	22°56	2°59	6°18	14° 7	29°13	3°45	13°48	21°41	12° 4	13°26	5° 8	4° 5	T 9
W10	11 10 58	19°33'27	3♊19	24°15	4° 5	5°59	14° 5	29° 8	3°48	13°48	21°40	12° 5	13°23	5°14	4° 3	W10
T 11	11 14 54	20°33'15	16°21	25°36	5°11	5°39	14° 3	29° 4	3°50	13°47	21°40	12°R 6	13°20	5°21	4° 0	T 11
F 12	11 18 51	21°33'01	29°47	26°59	6°17	5°19	14° 1	28°59	3°53	13°47	21°39	12° 6	13°17	5°28	3°58	F 12
S 13	11 22 47	22°32'44	13♋38	28°23	7°23	4°59	13°58	28°55	3°56	13°47	21°39	12° 4	13°14	5°34	3°56	S 13
S 14	11 26 44	23°32'25	27°55	29°49	8°28	4°37	13°56	28°50	3°58	13°46	21°38	12° 3	13°10	5°41	3°53	S 14
M15	11 30 41	24°32'04	12♌35	1♓16	9°33	4°16	13°53	28°45	4° 1	13°46	21°37	12° 0	13° 7	5°48	3°51	M15
T 16	11 34 37	25°31'41	27°33	2°44	10°38	3°54	13°50	28°40	4° 3	13°46	21°37	11°58	13° 4	5°54	3°49	T 16
W17	11 38 34	26°31'15	12♍42	4°14	11°42	3°32	13°47	28°36	4° 6	13°45	21°36	11°56	13° 1	6° 1	3°47	W17
T 18	11 42 30	27°30'47	27°52	5°46	12°46	3° 9	13°44	28°31	4° 8	13°45	21°35	11°55	12°58	6° 8	3°46	T 18
F 19	11 46 27	28°30'17	12♎54	7°18	13°50	2°47	13°40	28°26	4°11	13°45	21°34	11°D55	12°54	6°14	3°44	F 19
S 20	11 50 23	29°29'45	27°39	8°52	14°54	2°24	13°37	28°22	4°13	13°45	21°33	11°55	12°51	6°21	3°42	S 20
S 21	11 54 20	0♈29'11	12♏ 1	10°27	15°57	2° 0	13°33	28°17	4°15	13°44	21°33	11°56	12°48	6°28	3°41	S 21
M22	11 58 16	1°28'36	25°56	12° 4	17° 0	1°37	13°29	28°12	4°18	13°44	21°32	11°57	12°45	6°34	3°39	M22
T 23	12 2 13	2°27'59	9♐25	13°42	18° 2	1°14	13°25	28° 8	4°20	13°44	21°31	11°58	12°42	6°41	3°38	T 23
W24	12 6 9	3°27'20	22°28	15°21	19° 4	0°51	13°21	28° 3	4°22	13°44	21°30	11°59	12°39	6°48	3°37	W24
T 25	12 10 6	4°26'39	5♑ 9	17° 2	20° 6	0°27	13°16	27°58	4°24	13°D44	21°29	11°R59	12°35	6°54	3°36	T 25
F 26	12 14 3	5°25'56	17°30	18°44	21° 8	0° 4	13°12	27°54	4°26	13°44	21°28	11°59	12°32	7° 1	3°35	F 26
S 27	12 17 59	6°25'12	29°37	20°28	22° 9	29♍41	13° 7	27°49	4°28	13°44	21°27	11°58	12°29	7° 8	3°34	S 27
S 28	12 21 56	7°24'26	11♒34	22°12	23°10	29°18	13° 2	27°44	4°31	13°44	21°26	11°58	12°26	7°14	3°33	S 28
M29	12 25 52	8°23'38	23°25	23°59	24°10	28°55	12°57	27°40	4°33	13°45	21°25	11°57	12°23	7°21	3°33	M29
T 30	12 29 49	9°22'48	5♓13	25°46	25°10	28°32	12°52	27°35	4°34	13°45	21°24	11°57	12°20	7°28	3°32	T 30
W31	12 33 45	10♈21'56	17♓ 2	27♓35	26♉10	28♍10	12♏47	27♍31	4♒36	13♋45	21♏23	11♈56	12♈16	7♓34	3♌32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s37	20s39	4s23	17s16	0s28	10n12	0n56	0s 7	3n33	14s54	1n18	2n24	2n32	19s59	0s34	22n 1	0s44	4s 1	14n40	4n51	5n29	13s 2	11n49	7s34
T 2	7 14	16 12	3 44	17 7	0 38	10 41	1 1	0 1	3 33	14 54	1 18	2 26	2 33	19 58	0 34	22 2	0 44	4 1	14 41	4 49	5 27	12 59	11 50	7 33
W 3	6 51	11 9	2 54	16 56	0 47	11 10	1 5	0n 5	3 33	14 53	1 18	2 28	2 33	19 57	0 34	22 2	0 44	4 1	14 41	4 47	5 26	12 56	11 51	7 33
T 4	6 28	5 42	1 57	16 43	0 55	11 39	1 10	0 11	3 33	14 53	1 18	2 30	2 33	19 57	0 34	22 2	0 44	4 0	14 42	4 46	5 25	12 52	11 53	7 32
F 5	6 5	0 2	0 55	16 29	1 3	12 8	1 14	0 18	3 33	14 52	1 18	2 32	2 33	19 56	0 34	22 2	0 44	4 0	14 42	4 45	5 24	12 49	11 54	7 32
S 6	5 42	5n40	0n11	16 14	1 11	12 36	1 19	0 24	3 34	14 52	1 19	2 34	2 33	19 55	0 34	22 2	0 44	3 59	14 43	4 45	5 22	12 46	11 55	7 31
S 7	5 19	11 14	1 16	15 58	1 18	13 4	1 23	0 31	3 34	14 51	1 19	2 36	2 33	19 55	0 34	22 2	0 44	3 59	14 43	4 45	5 21	12 43	11 56	7 30
M 8	4 55	16 27	2 19	15 40	1 25	13 31	1 28	0 38	3 33	14 51	1 19	2 37	2 33	19 54	0 34	22 2	0 44	3 58	14 43	4 46	5 20	12 40	11 58	7 30
T 9	4 32	21 6	3 17	15 21	1 32	13 59	1 33	0 45	3 33	14 50	1 19	2 39	2 33	19 53	0 34	22 2	0 43	3 58	14 44	4 46	5 19	12 37	11 59	7 29
W10	4 8	24 53	4 6	15 0	1 38	14 26	1 37	0 53	3 33	14 50	1 19	2 41	2 33	19 53	0 34	22 2	0 43	3 57	14 44	4 47	5 17	12 34	12 0	7 29
T 11	3 45	27 29	4 44	14 38	1 44	14 52	1 42	1 0	3 33	14 49	1 19	2 43	2 34	19 52	0 34	22 2	0 43	3 57	14 45	4 47	5 16	12 31	12 1	7 28
F 12	3 21	28 37	5 8	14 15	1 49	15 19	1 47	1 8	3 32	14 48	1 20	2 45	2 34	19 52	0 34	22 2	0 43	3 56	14 45	4 47	5 15	12 28	12 2	7 27
S 13	2 58	28 0	5 16	13 50	1 54	15 45	1 51	1 16	3 32	14 47	1 20	2 47	2 34	19 51	0 34	22 3	0 43	3 56	14 45	4 47	5 14	12 24	12 4	7 27
S 14	2 34	25 34	5 4	13 24	1 59	16 10	1 56	1 24	3 31	14 46	1 20	2 49	2 34	19 50	0 34	22 3	0 43	3 55	14 46	4 46	5 13	12 21	12 5	7 26
M15	2 10	21 24	4 32	12 57	2 3	16 36	2 0	1 31	3 31	14 45	1 20	2 51	2 34	19 50	0 34	22 3	0 43	3 55	14 46	4 45	5 11	12 18	12 6	7 25
T 16	1 47	15 48	3 41	12 29	2 6	17 1	2 5	1 39	3 30	14 44	1 20	2 53	2 34	19 49	0 34	22 3	0 43	3 54	14 46	4 44	5 10	12 15	12 7	7 24
W17	1 23	9 11	2 35	11 59	2 10	17 25	2 10	1 47	3 29	14 43	1 20	2 55	2 34	19 49	0 34	22 3	0 43	3 53	14 47	4 44	5 9	12 12	12 8	7 24
T 18	0 59	2 2	1 17	11 28	2 12	17 49	2 14	1 56	3 28	14 42	1 21	2 57	2 34	19 48	0 34	22 3	0 43	3 53	14 47	4 43	5 8	12 9	12 9	7 23
F 19	0 36	5s11	0s 5	10 56	2 15	18 13	2 19	2 4	3 27	14 41	1 21	2 59	2 34	19 48	0 34	22 3	0 43	3 52	14 47	4 43	5 6	12 6	12 10	7 22
S 20	0 12	11 59	1 26	10 22	2 17	18 37	2 23	2 12	3 26	14 40	1 21	3 1	2 34	19 47	0 34	22 3	0 43	3 52	14 48	4 43	5 5	12 2	12 11	7 22
S 21	0n12	17 59	2 39	9 47	2 18	19 0	2 28	2 20	3 25	14 39	1 21	3 2	2 34	19 47	0 34	22 3	0 43	3 51	14 48	4 44	5 4	11 59	12 12	7 21
M22	0 35	22 50	3 41	9 11	2 19	19 22	2 32	2 28	3 24	14 37	1 21	3 4	2 34	19 46	0 34	22 3	0 43	3 51	14 48	4 44	5 3	11 56	12 13	7 20
T 23	0 59	26 18	4 28	8 34	2 20	19 44	2 37	2 36	3 22	14 36	1 21	3 6	2 34	19 46	0 34	22 3	0 43	3 50	14 49	4 44	5 1	11 53	12 14	7 19
W24	1 23	28 14	4 59	7 56	2 20	20 6	2 41	2 44	3 21	14 35	1 21	3 8	2 34	19 45	0 34	22 3	0 43	3 50	14 49	4 44	5 0	11 50	12 15	7 19
T 25	1 46	28 37	5 15	7 16	2 19	20 27	2 45	2 52	3 19	14 33	1 21	3 10	2 34	19 45	0 34	22 3	0 43	3 49	14 49	4 45	4 59	11 47	12 16	7 18
F 26	2 10	27 33	5 16	6 35	2 18	20 48	2 50	3 0	3 18	14 32	1 22	3 12	2 34	19 44	0 34	22 3	0 43	3 49	14 50	4 44	4 58	11 44	12 17	7 17
S 27	2 33	25 11	5 2	5 53	2 17	21 8	2 54	3 7	3 16	14 30	1 22	3 14	2 34	19 44	0 34	22 3	0 43	3 48	14 50	4 44	4 56	11 40	12 18	7 16
S 28	2 57	21 45	4 36	5 10	2 15	21 28	2 58	3 15	3 14	14 28	1 22	3 16	2 34	19 43	0 34	22 3	0 43	3 48	14 50	4 44	4 55	11 37	12 19	7 16
M29	3 20	17 29	3 58	4 26	2 13	21 47	3 2	3 22	3 12	14 27	1 22	3 17	2 34	19 43	0 34	22 3	0 43	3 47	14 51	4 44	4 54	11 34	12 20	7 15
T 30	3 43	12 33	3 10	3 40	2 10	22 6	3 7	3 30	3 10	14 25	1 22	3 19	2 34	19 42	0 34	22 3	0 43	3 46	14 51	4 44	4 53	11 31	12 21	7 14
W31	4n 7	7s11	2s14	2s54	2s 7	22n25	3n11	3n37	3n 8	14s24	1n22	3n21	2n34	19s42	0s34	22n 3	0s43	3s46	14n51	4n44	4n51	11s28	12n22	7s13

Julian Day Number = 2358467.5, Delta T = 14.63 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°10'57, Lahiri = 20°17'58Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

APRIL 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 42	11♈21'02	28♓54	29♓26	27♉ 9	27°R48	12°R41	27°R26	4♒38	13♋45	21°R21	11°R56	12♈13	7♓41	3°R31	T 1
F 2	12 41 38	12°20'06	10♈53	1♈18	28° 8	27♍26	12♏36	27♍22	4°40	13°45	21♏20	11♈56	12°10	7°48	3♌31	F 2
S 3	12 45 35	13°19'08	22°59	3°11	29° 6	27° 5	12°30	27°17	4°42	13°46	21°19	11°56	12° 7	7°54	3°31	S 3
S 4	12 49 32	14°18'08	5♉14	5° 6	0♊ 4	26°44	12°24	27°13	4°44	13°46	21°18	11°56	12° 4	8° 1	3°D31	S 4
M 5	12 53 28	15°17'06	17°41	7° 2	1° 1	26°24	12°18	27° 8	4°45	13°46	21°17	11°56	12° 0	8° 8	3°31	M 5
T 6	12 57 25	16°16'01	0♊21	8°59	1°58	26° 4	12°12	27° 4	4°47	13°47	21°15	11°55	11°57	8°14	3°31	T 6
W 7	13 1 21	17°14'55	13°15	10°58	2°54	25°45	12° 6	27° 0	4°49	13°47	21°14	11°55	11°54	8°21	3°32	W 7
T 8	13 5 18	18°13'46	26°24	12°59	3°50	25°26	11°59	26°55	4°50	13°48	21°13	11°54	11°51	8°28	3°32	T 8
F 9	13 9 14	19°12'36	9♋52	15° 0	4°45	25° 8	11°53	26°51	4°52	13°48	21°11	11°54	11°48	8°35	3°32	F 9
S 10	13 13 11	20°11'22	23°37	17° 3	5°40	24°50	11°46	26°47	4°53	13°49	21°10	11°D54	11°45	8°41	3°33	S 10
S 11	13 17 7	21°10'07	7♌41	19° 7	6°34	24°34	11°40	26°43	4°55	13°49	21° 9	11°54	11°41	8°48	3°34	S 11
M12	13 21 4	22° 8'49	22° 3	21°12	7°28	24°18	11°33	26°39	4°56	13°50	21° 7	11°55	11°38	8°55	3°35	M12
T 13	13 25 1	23° 7'29	6♍39	23°18	8°20	24° 2	11°26	26°35	4°57	13°50	21° 6	11°55	11°35	9° 1	3°36	T 13
W14	13 28 57	24° 6'07	21°25	25°24	9°12	23°47	11°19	26°31	4°59	13°51	21° 4	11°56	11°32	9° 8	3°37	W14
T 15	13 32 54	25° 4'42	6♎15	27°32	10° 4	23°33	11°12	26°27	5° 0	13°52	21° 3	11°R57	11°29	9°15	3°38	T 15
F 16	13 36 50	26° 3'15	21° 2	29°39	10°55	23°20	11° 5	26°24	5° 1	13°52	21° 2	11°57	11°26	9°21	3°39	F 16
S 17	13 40 47	27° 1'47	5♏38	1♉47	11°44	23° 8	10°58	26°20	5° 2	13°53	21° 0	11°56	11°22	9°28	3°40	S 17
S 18	13 44 43	28° 0'16	19°58	3°54	12°34	22°56	10°51	26°16	5° 3	13°54	20°59	11°54	11°19	9°35	3°42	S 18
M19	13 48 40	28°58'44	3♐56	6° 1	13°22	22°45	10°43	26°13	5° 4	13°55	20°57	11°52	11°16	9°41	3°43	M19
T 20	13 52 36	29°57'11	17°30	8° 7	14°10	22°35	10°36	26° 9	5° 5	13°56	20°56	11°50	11°13	9°48	3°45	T 20
W21	13 56 33	0♉55'35	0♑39	10°12	14°56	22°25	10°28	26° 6	5° 6	13°57	20°54	11°47	11°10	9°55	3°47	W21
T 22	14 0 30	1°53'58	13°25	12°16	15°42	22°17	10°21	26° 2	5° 7	13°57	20°53	11°46	11° 6	10° 1	3°49	T 22
F 23	14 4 26	2°52'20	25°50	14°18	16°27	22° 9	10°13	25°59	5° 8	13°58	20°51	11°44	11° 3	10° 8	3°51	F 23
S 24	14 8 23	3°50'39	7♒59	16°18	17°11	22° 2	10° 6	25°56	5° 9	13°59	20°49	11°D44	11° 0	10°15	3°53	S 24
S 25	14 12 19	4°48'58	19°56	18°16	17°54	21°55	9°58	25°53	5°10	14° 0	20°48	11°45	10°57	10°21	3°55	S 25
M26	14 16 16	5°47'14	1♓46	20°11	18°36	21°50	9°51	25°50	5°10	14° 1	20°46	11°47	10°54	10°28	3°57	M26
T 27	14 20 12	6°45'29	13°35	22° 4	19°17	21°45	9°43	25°47	5°11	14° 2	20°45	11°48	10°51	10°35	4° 0	T 27
W28	14 24 9	7°43'43	25°26	23°53	19°56	21°41	9°36	25°44	5°12	14° 4	20°43	11°50	10°47	10°41	4° 2	W28
T 29	14 28 5	8°41'54	7♈23	25°39	20°35	21°38	9°28	25°41	5°12	14° 5	20°41	11°R51	10°44	10°48	4° 5	T 29
F 30	14 32 2	9♉40'05	19♈29	27♉22	21♊12	21♍36	9♏20	25♍38	5♒13	14♋ 6	20♏40	11♈51	10♈41	10♓54	4♌ 7	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n30	1s32	1s12	2s 6	2s 3	22n42	3n15	3n44	3n 6	14s22	1n22	3n23	2n34	19s41	0s34	22n 3	0s43	3s45	14n52	4n44	4n50	11s25	12n23	7s12
F 2	4 53	4n13	0 6	1 18	1 59	23 0	3 19	3 50	3 4	14 20	1 22	3 24	2 34	19 41	0 34	22 3	0 43	3 45	14 52	4 44	4 49	11 21	12 24	7 12
S 3	5 16	9 53	1n 1	0 28	1 54	23 17	3 22	3 57	3 2	14 18	1 22	3 26	2 34	19 41	0 35	22 3	0 43	3 44	14 52	4 44	4 48	11 18	12 24	7 11
S 4	5 39	15 16	2 6	0n22	1 48	23 33	3 26	4 3	3 0	14 16	1 22	3 28	2 34	19 40	0 35	22 3	0 43	3 44	14 52	4 44	4 46	11 15	12 25	7 10
M 5	6 2	20 6	3 6	1 14	1 42	23 49	3 30	4 9	2 58	14 14	1 23	3 30	2 34	19 40	0 35	22 3	0 43	3 43	14 53	4 43	4 45	11 12	12 26	7 9
T 6	6 24	24 7	3 58	2 6	1 36	24 4	3 34	4 15	2 55	14 12	1 23	3 31	2 34	19 39	0 35	22 3	0 43	3 43	14 53	4 43	4 44	11 9	12 27	7 9
W 7	6 47	27 2	4 39	2 59	1 29	24 19	3 37	4 20	2 53	14 11	1 23	3 33	2 34	19 39	0 35	22 3	0 42	3 42	14 53	4 43	4 43	11 5	12 27	7 8
T 8	7 10	28 31	5 6	3 53	1 22	24 34	3 41	4 26	2 51	14 9	1 23	3 35	2 34	19 39	0 35	22 3	0 42	3 42	14 53	4 43	4 41	11 2	12 28	7 7
F 9	7 32	28 23	5 17	4 47	1 14	24 47	3 44	4 30	2 48	14 6	1 23	3 36	2 34	19 38	0 35	22 3	0 42	3 41	14 54	4 43	4 40	10 59	12 29	7 6
S 10	7 54	26 30	5 11	5 42	1 6	25 1	3 47	4 35	2 46	14 4	1 23	3 38	2 34	19 38	0 35	22 3	0 42	3 41	14 54	4 43	4 39	10 56	12 29	7 5
S 11	8 16	22 58	4 46	6 37	0 57	25 13	3 50	4 39	2 43	14 2	1 23	3 39	2 34	19 38	0 35	22 3	0 42	3 40	14 54	4 43	4 38	10 53	12 30	7 5
M12	8 38	18 0	4 3	7 33	0 48	25 25	3 53	4 43	2 40	14 0	1 23	3 41	2 34	19 37	0 35	22 3	0 42	3 39	14 54	4 43	4 37	10 49	12 31	7 4
T 13	9 0	11 55	3 3	8 29	0 38	25 37	3 56	4 47	2 38	13 58	1 23	3 42	2 33	19 37	0 35	22 3	0 42	3 39	14 54	4 43	4 35	10 46	12 31	7 3
W14	9 22	5 7	1 51	9 24	0 28	25 48	3 59	4 51	2 35	13 56	1 23	3 44	2 33	19 37	0 35	22 3	0 42	3 38	14 55	4 44	4 34	10 43	12 32	7 2
T 15	9 43	2s 0	0 32	10 20	0 18	25 59	4 2	4 54	2 33	13 54	1 23	3 45	2 33	19 37	0 35	22 3	0 42	3 38	14 55	4 44	4 33	10 40	12 32	7 1
F 16	10 5	9 0	0s50	11 15	0 7	26 9	4 5	4 57	2 30	13 52	1 23	3 47	2 33	19 36	0 35	22 3	0 42	3 37	14 55	4 44	4 32	10 37	12 33	7 1
S 17	10 26	15 25	2 7	12 10	0n 3	26 18	4 7	4 59	2 27	13 49	1 23	3 48	2 33	19 36	0 35	22 3	0 42	3 37	14 55	4 43	4 30	10 33	12 33	7 0
S 18	10 47	20 53	3 15	13 4	0 14	26 27	4 9	5 1	2 25	13 47	1 23	3 49	2 33	19 36	0 35	22 3	0 42	3 36	14 55	4 43	4 29	10 30	12 34	6 59
M19	11 8	25 3	4 9	13 56	0 25	26 36	4 11	5 3	2 22	13 45	1 23	3 51	2 33	19 36	0 35	22 3	0 42	3 36	14 55	4 42	4 28	10 27	12 34	6 58
T 20	11 28	27 40	4 48	14 48	0 36	26 44	4 13	5 5	2 19	13 43	1 23	3 52	2 33	19 35	0 35	22 3	0 42	3 35	14 55	4 41	4 27	10 24	12 34	6 57
W21	11 49	28 38	5 10	15 38	0 47	26 51	4 15	5 6	2 17	13 40	1 23	3 53	2 33	19 35	0 35	22 3	0 42	3 35	14 56	4 40	4 25	10 20	12 35	6 57
T 22	12 9	28 2	5 15	16 27	0 57	26 58	4 17	5 7	2 14	13 38	1 23	3 54	2 32	19 35	0 35	22 3	0 42	3 34	14 56	4 39	4 24	10 17	12 35	6 56
F 23	12 29	26 1	5 6	17 14	1 8	27 4	4 19	5 8	2 11	13 36	1 23	3 56	2 32	19 35	0 35	22 3	0 42	3 34	14 56	4 39	4 23	10 14	12 35	6 55
S 24	12 49	22 51	4 43	17 59	1 18	27 10	4 20	5 8	2 9	13 33	1 23	3 57	2 32	19 35	0 35	22 3	0 42	3 33	14 56	4 39	4 22	10 11	12 36	6 54
S 25	13 9	18 47	4 8	18 41	1 27	27 15	4 21	5 8	2 6	13 31	1 23	3 58	2 32	19 35	0 35	22 3	0 42	3 33	14 56	4 39	4 20	10 7	12 36	6 53
M26	13 28	14 1	3 23	19 22	1 36	27 20	4 22	5 8	2 3	13 29	1 23	3 59	2 32	19 34	0 35	22 3	0 42	3 32	14 56	4 40	4 19	10 4	12 36	6 53
T 27	13 47	8 46	2 29	20 0	1 45	27 24	4 23	5 7	2 1	13 26	1 23	4 0	2 32	19 34	0 35	22 2	0 42	3 32	14 56	4 40	4 18	10 1	12 37	6 52
W28	14 7	3 11	1 29	20 36	1 53	27 28	4 23	5 6	1 58	13 24	1 23	4 1	2 32	19 34	0 35	22 2	0 42	3 32	14 56	4 41	4 17	9 58	12 37	6 51
T 29	14 25	2n33	0 25	21 9	2 0	27 31	4 24	5 5	1 55	13 21	1 23	4 2	2 31	19 34	0 35	22 2	0 42	3 31	14 56	4 41	4 15	9 54	12 37	6 50
F 30	14n44	8n17	0n42	21n40	2n 7	27n34	4n24	5n 4	1n53	13s19	1n23	4n 3	2n31	19s34	0s35	22n 2	0s42	3s31	14n56	4n41	4n14	9s51	12n37	6s49

Julian Day Number = 2358498.5, Delta T = 14.65 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'02, Lahiri = 20°18'02Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

MAY 1745

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 59	10♉38'13	1♉47	29♉ 1	21♊49	21°R34	9°R13	25°R35	5♒13	14♋ 7	20°R38	11°R49	10♈38	11♓ 1	4♌10	S 1
S 2	14 39 55	11°36'20	14°19	0♊37	22°23	21♍34	9♏ 5	25♍33	5°13	14° 8	20♏36	11♈46	10°35	11° 8	4°13	S 2
M 3	14 43 52	12°34'26	27° 5	2° 9	22°57	21°D34	8°57	25°30	5°14	14° 9	20°35	11°42	10°31	11°14	4°16	M 3
T 4	14 47 48	13°32'30	10♊ 6	3°37	23°29	21°34	8°50	25°28	5°14	14°11	20°33	11°37	10°28	11°21	4°19	T 4
W 5	14 51 45	14°30'32	23°20	5° 1	24° 0	21°36	8°42	25°26	5°14	14°12	20°32	11°32	10°25	11°28	4°22	W 5
T 6	14 55 41	15°28'32	6♋48	6°21	24°29	21°38	8°34	25°24	5°15	14°13	20°30	11°27	10°22	11°34	4°25	T 6
F 7	14 59 38	16°26'30	20°28	7°37	24°57	21°41	8°27	25°21	5°15	14°15	20°28	11°23	10°19	11°41	4°29	F 7
S 8	15 3 34	17°24'27	4♌19	8°49	25°23	21°45	8°19	25°19	5°15	14°16	20°27	11°21	10°16	11°48	4°32	S 8
S 9	15 7 31	18°22'21	18°20	9°57	25°47	21°49	8°12	25°18	5°15	14°17	20°25	11°D20	10°12	11°54	4°36	S 9
M10	15 11 28	19°20'14	2♍30	11° 1	26°10	21°54	8° 5	25°16	5°R15	14°19	20°23	11°21	10° 9	12° 1	4°39	M10
T 11	15 15 24	20°18'05	16°47	12° 0	26°31	22° 0	7°57	25°14	5°15	14°20	20°22	11°22	10° 6	12° 8	4°43	T 11
W12	15 19 21	21°15'54	1♎ 9	12°55	26°50	22° 7	7°50	25°12	5°15	14°22	20°20	11°23	10° 3	12°14	4°47	W12
T 13	15 23 17	22°13'41	15°33	13°45	27° 7	22°14	7°43	25°11	5°15	14°23	20°18	11°R23	10° 0	12°21	4°51	T 13
F 14	15 27 14	23°11'27	29°55	14°31	27°22	22°21	7°35	25° 9	5°14	14°25	20°17	11°22	9°57	12°28	4°55	F 14
S 15	15 31 10	24° 9'11	14♏10	15°13	27°35	22°30	7°28	25° 8	5°14	14°26	20°15	11°19	9°53	12°34	4°59	S 15
S 16	15 35 7	25° 6'54	28°14	15°49	27°46	22°39	7°21	25° 7	5°14	14°28	20°13	11°14	9°50	12°41	5° 3	S 16
M17	15 39 3	26° 4'36	12♐ 1	16°21	27°55	22°49	7°14	25° 6	5°14	14°29	20°12	11° 7	9°47	12°48	5° 7	M17
T 18	15 43 0	27° 2'16	25°29	16°49	28° 1	22°59	7° 8	25° 5	5°13	14°31	20°10	10°59	9°44	12°54	5°12	T 18
W19	15 46 57	27°59'55	8♑36	17°11	28° 6	23°10	7° 1	25° 4	5°13	14°33	20° 8	10°52	9°41	13° 1	5°16	W19
T 20	15 50 53	28°57'33	21°22	17°29	28°R 8	23°21	6°54	25° 3	5°12	14°34	20° 7	10°45	9°37	13° 8	5°21	T 20
F 21	15 54 50	29°55'10	3♒48	17°42	28° 7	23°33	6°48	25° 2	5°12	14°36	20° 5	10°40	9°34	13°14	5°25	F 21
S 22	15 58 46	0♊52'46	15°58	17°51	28° 5	23°46	6°41	25° 2	5°11	14°38	20° 3	10°37	9°31	13°21	5°30	S 22
S 23	16 2 43	1°50'21	27°56	17°R54	28° 0	23°59	6°35	25° 1	5°11	14°39	20° 2	10°D35	9°28	13°28	5°34	S 23
M24	16 6 39	2°47'55	9♓47	17°53	27°52	24°13	6°29	25° 1	5°10	14°41	20° 0	10°35	9°25	13°34	5°39	M24
T 25	16 10 36	3°45'28	21°36	17°48	27°42	24°27	6°22	25° 0	5° 9	14°43	19°58	10°36	9°22	13°41	5°44	T 25
W26	16 14 32	4°43'01	3♈29	17°38	27°30	24°42	6°16	25° 0	5° 8	14°45	19°57	10°37	9°18	13°48	5°49	W26
T 27	16 18 29	5°40'32	15°30	17°24	27°15	24°57	6°10	25° 0	5° 8	14°47	19°55	10°R38	9°15	13°54	5°54	T 27
F 28	16 22 26	6°38'02	27°43	17° 6	26°58	25°13	6° 5	25°D 0	5° 7	14°48	19°54	10°36	9°12	14° 1	5°59	F 28
S 29	16 26 22	7°35'32	10♉12	16°45	26°39	25°30	5°59	25° 0	5° 6	14°50	19°52	10°32	9° 9	14° 8	6° 4	S 29
S 30	16 30 19	8°33'01	22°59	16°20	26°17	25°46	5°54	25° 0	5° 5	14°52	19°50	10°26	9° 6	14°14	6°10	S 30
M31	16 34 15	9♊30'29	6♊ 5	15♊53	25♊54	26♍ 4	5♏48	25♍ 0	5♒ 4	14♋54	19♏49	10♈18	9♈ 3	14♓21	6♌15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	13n47	1n47	22n 8	2n13	27n36	4n24	5n 2	1n50	13s17	1n23	4n 4	2n31	19s34	0s35	22n 2	0s42	3s30	14n56	4n41	4n13	9s48	12n37	6s49
S 2	15 20	18 50	2 49	22 34	2 18	27 38	4 23	5 0	1 47	13 14	1 23	4 5	2 31	19 34	0 36	22 2	0 42	3 30	14 56	4 40	4 12	9 45	12 37	6 48
M 3	15 38	23 9	3 43	22 57	2 22	27 40	4 23	4 58	1 45	13 12	1 23	4 6	2 31	19 34	0 36	22 2	0 42	3 29	14 56	4 38	4 10	9 41	12 37	6 47
T 4	15 56	26 23	4 26	23 18	2 26	27 40	4 22	4 55	1 42	13 10	1 22	4 6	2 31	19 34	0 36	22 2	0 42	3 29	14 56	4 36	4 9	9 38	12 37	6 46
W 5	16 13	28 14	4 56	23 36	2 28	27 41	4 21	4 52	1 40	13 7	1 22	4 7	2 30	19 34	0 36	22 2	0 42	3 29	14 56	4 34	4 8	9 35	12 37	6 46
T 6	16 30	28 28	5 11	23 52	2 30	27 41	4 19	4 49	1 37	13 5	1 22	4 8	2 30	19 34	0 36	22 2	0 42	3 28	14 56	4 32	4 7	9 32	12 37	6 45
F 7	16 47	26 59	5 8	24 6	2 31	27 40	4 18	4 45	1 35	13 3	1 22	4 9	2 30	19 34	0 36	22 1	0 42	3 28	14 56	4 31	4 5	9 28	12 37	6 44
S 8	17 3	23 51	4 47	24 17	2 31	27 39	4 15	4 42	1 32	13 0	1 22	4 9	2 30	19 34	0 36	22 1	0 41	3 27	14 56	4 30	4 4	9 25	12 37	6 43
S 9	17 19	19 18	4 9	24 27	2 30	27 37	4 13	4 38	1 30	12 58	1 22	4 10	2 30	19 34	0 36	22 1	0 41	3 27	14 56	4 29	4 3	9 22	12 37	6 43
M10	17 35	13 39	3 16	24 34	2 28	27 35	4 10	4 33	1 28	12 56	1 22	4 10	2 30	19 34	0 36	22 1	0 41	3 27	14 56	4 30	4 2	9 19	12 37	6 42
T 11	17 51	7 13	2 10	24 39	2 25	27 33	4 7	4 29	1 25	12 54	1 22	4 11	2 29	19 34	0 36	22 1	0 41	3 26	14 56	4 30	4 0	9 15	12 37	6 41
W12	18 6	0 23	0 55	24 42	2 21	27 30	4 4	4 24	1 23	12 51	1 22	4 11	2 29	19 34	0 36	22 1	0 41	3 26	14 56	4 31	3 59	9 12	12 37	6 40
T 13	18 21	6s29	0s23	24 44	2 16	27 27	4 0	4 19	1 20	12 49	1 21	4 12	2 29	19 34	0 36	22 1	0 41	3 26	14 56	4 31	3 58	9 9	12 36	6 40
F 14	18 36	13 0	1 39	24 44	2 10	27 23	3 56	4 14	1 18	12 47	1 21	4 12	2 29	19 34	0 36	22 1	0 41	3 25	14 56	4 30	3 57	9 5	12 36	6 39
S 15	18 50	18 47	2 48	24 41	2 3	27 19	3 52	4 9	1 16	12 45	1 21	4 12	2 29	19 34	0 36	22 0	0 41	3 25	14 56	4 29	3 55	9 2	12 36	6 38
S 16	19 4	23 28	3 46	24 38	1 55	27 14	3 47	4 3	1 14	12 43	1 21	4 13	2 28	19 34	0 36	22 0	0 41	3 25	14 56	4 27	3 54	8 59	12 36	6 38
M17	19 18	26 43	4 30	24 32	1 46	27 9	3 41	3 57	1 11	12 41	1 21	4 13	2 28	19 34	0 36	22 0	0 41	3 24	14 56	4 24	3 53	8 56	12 35	6 37
T 18	19 32	28 21	4 57	24 25	1 36	27 3	3 36	3 51	1 9	12 38	1 21	4 13	2 28	19 34	0 36	22 0	0 41	3 24	14 56	4 21	3 52	8 52	12 35	6 36
W19	19 45	28 19	5 8	24 16	1 25	26 57	3 29	3 45	1 7	12 36	1 21	4 13	2 28	19 35	0 36	22 0	0 41	3 24	14 55	4 18	3 50	8 49	12 35	6 36
T 20	19 57	26 45	5 3	24 6	1 14	26 50	3 23	3 38	1 5	12 34	1 20	4 14	2 28	19 35	0 36	22 0	0 41	3 24	14 55	4 16	3 49	8 46	12 34	6 35
F 21	20 10	23 55	4 43	23 55	1 1	26 43	3 15	3 31	1 3	12 32	1 20	4 14	2 27	19 35	0 36	22 0	0 41	3 23	14 55	4 14	3 48	8 42	12 34	6 34
S 22	20 22	20 4	4 12	23 42	0 47	26 35	3 8	3 24	1 1	12 30	1 20	4 14	2 27	19 35	0 36	21 59	0 41	3 23	14 55	4 12	3 47	8 39	12 33	6 34
S 23	20 34	15 29	3 29	23 28	0 33	26 27	3 0	3 17	0 59	12 29	1 20	4 14	2 27	19 35	0 36	21 59	0 41	3 23	14 55	4 12	3 45	8 36	12 33	6 33
M24	20 45	10 21	2 38	23 13	0 18	26 19	2 51	3 10	0 57	12 27	1 20	4 14	2 27	19 36	0 36	21 59	0 41	3 23	14 55	4 12	3 44	8 33	12 32	6 32
T 25	20 56	4 52	1 41	22 57	0 2	26 9	2 42	3 2	0 54	12 25	1 19	4 14	2 27	19 36	0 36	21 59	0 41	3 22	14 54	4 12	3 43	8 29	12 32	6 32
W26	21 7	0n48	0 38	22 40	0s14	26 0	2 33	2 55	0 52	12 23	1 19	4 14	2 26	19 36	0 36	21 59	0 41	3 22	14 54	4 13	3 42	8 26	12 31	6 31
T 27	21 17	6 31	0n26	22 22	0 31	25 49	2 23	2 47	0 51	12 21	1 19	4 13	2 26	19 36	0 36	21 59	0 41	3 22	14 54	4 13	3 40	8 23	12 31	6 30
F 28	21 27	12 5	1 30	22 3	0 48	25 38	2 12	2 39	0 49	12 20	1 19	4 13	2 26	19 36	0 36	21 58	0 41	3 22	14 54	4 12	3 39	8 19	12 30	6 30
S 29	21 37	17 18	2 32	21 44	1 5	25 27	2 1	2 30	0 47	12 18	1 19	4 13	2 26	19 37	0 36	21 58	0 41	3 21	14 54	4 11	3 38	8 16	12 30	6 29
S 30	21 46	21 52	3 27	21 24	1 22	25 15	1 50	2 22	0 45	12 16	1 18	4 13	2 25	19 37	0 37	21 58	0 41	3 21	14 53	4 8	3 37	8 13	12 29	6 28
M31	21n55	25n29	4n12	21n 4	1s40	25n 2	1n38	2n13	0n43	12s15	1n18	4n12	2n25	19s37	0s37	21n58	0s41	3s21	14n53	4n 5	3n35	8s 9	12n28	6s28

Julian Day Number = 2358528.5, Delta T = 14.67 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'06, Lahiri = 20°18'06Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

JUNE 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 12	10♊27'56	19♊29	15°R23	25°R28	26♍22	5°R43	25♍ 1	5°R 3	14♋56	19°R47	10°R 8	8♈59	14♓28	6♌20	T 1
W 2	16 42 8	11°25'22	3♋ 9	14♊52	25♊ 0	26°40	5♏38	25° 1	5♒ 2	14°58	19♏46	9♈58	8°56	14°34	6°26	W 2
T 3	16 46 5	12°22'47	17° 1	14°19	24°30	26°59	5°33	25° 2	5° 1	15° 0	19°44	9°49	8°53	14°41	6°32	T 3
F 4	16 50 2	13°20'11	1♌ 3	13°46	23°59	27°18	5°28	25° 3	5° 0	15° 2	19°43	9°41	8°50	14°48	6°37	F 4
S 5	16 53 58	14°17'34	15°10	13°12	23°26	27°37	5°23	25° 3	4°58	15° 4	19°41	9°36	8°47	14°54	6°43	S 5
S 6	16 57 55	15°14'56	29°19	12°39	22°52	27°57	5°19	25° 4	4°57	15° 6	19°40	9°33	8°43	15° 1	6°49	S 6
M 7	17 1 51	16°12'17	13♍28	12° 7	22°17	28°18	5°15	25° 5	4°56	15° 8	19°38	9°D32	8°40	15° 8	6°54	M 7
T 8	17 5 48	17° 9'36	27°36	11°36	21°40	28°39	5°10	25° 6	4°55	15°10	19°37	9°32	8°37	15°14	7° 0	T 8
W 9	17 9 44	18° 6'55	11♎41	11° 8	21° 3	29° 0	5° 6	25° 8	4°53	15°12	19°36	9°R32	8°34	15°21	7° 6	W 9
T 10	17 13 41	19° 4'12	25°43	10°42	20°26	29°22	5° 3	25° 9	4°52	15°14	19°34	9°31	8°31	15°28	7°12	T 10
F 11	17 17 37	20° 1'29	9♏40	10°19	19°48	29°44	4°59	25°10	4°50	15°16	19°33	9°28	8°28	15°34	7°18	F 11
S 12	17 21 34	20°58'45	23°30	9°59	19°11	0♎ 6	4°55	25°12	4°49	15°18	19°31	9°23	8°24	15°41	7°24	S 12
S 13	17 25 31	21°56'00	7♐10	9°44	18°33	0°29	4°52	25°13	4°47	15°20	19°30	9°14	8°21	15°48	7°31	S 13
M14	17 29 27	22°53'15	20°38	9°32	17°56	0°52	4°49	25°15	4°46	15°22	19°29	9° 4	8°18	15°54	7°37	M14
T 15	17 33 24	23°50'29	3♑50	9°24	17°20	1°15	4°46	25°17	4°44	15°24	19°28	8°52	8°15	16° 1	7°43	T 15
W16	17 37 20	24°47'43	16°46	9°D21	16°45	1°39	4°43	25°19	4°43	15°26	19°26	8°40	8°12	16° 8	7°49	W16
T 17	17 41 17	25°44'56	29°24	9°22	16°11	2° 3	4°40	25°21	4°41	15°28	19°25	8°29	8° 9	16°14	7°56	T 17
F 18	17 45 13	26°42'09	11♒46	9°28	15°38	2°28	4°38	25°23	4°39	15°30	19°24	8°20	8° 5	16°21	8° 2	F 18
S 19	17 49 10	27°39'22	23°54	9°38	15° 7	2°53	4°36	25°25	4°37	15°32	19°23	8°14	8° 2	16°28	8° 9	S 19
S 20	17 53 6	28°36'34	5♓51	9°54	14°38	3°18	4°33	25°27	4°36	15°35	19°21	8°10	7°59	16°34	8°15	S 20
M21	17 57 3	29°33'47	17°41	10°14	14°11	3°43	4°31	25°30	4°34	15°37	19°20	8° 8	7°56	16°41	8°22	M21
T 22	18 1 0	0♋30'59	29°30	10°38	13°45	4° 9	4°30	25°32	4°32	15°39	19°19	8°D 7	7°53	16°47	8°29	T 22
W23	18 4 56	1°28'12	11♈23	11° 8	13°22	4°35	4°28	25°35	4°30	15°41	19°18	8°R 7	7°49	16°54	8°35	W23
T 24	18 8 53	2°25'24	23°25	11°42	13° 1	5° 2	4°27	25°37	4°28	15°43	19°17	8° 7	7°46	17° 1	8°42	T 24
F 25	18 12 49	3°22'36	5♉42	12°21	12°42	5°28	4°25	25°40	4°26	15°45	19°16	8° 4	7°43	17° 7	8°49	F 25
S 26	18 16 46	4°19'49	18°17	13° 4	12°26	5°55	4°24	25°43	4°24	15°48	19°15	8° 0	7°40	17°14	8°56	S 26
S 27	18 20 42	5°17'02	1♊14	13°51	12°12	6°23	4°23	25°46	4°23	15°50	19°14	7°53	7°37	17°21	9° 3	S 27
M28	18 24 39	6°14'14	14°35	14°44	12° 0	6°50	4°23	25°49	4°21	15°52	19°13	7°43	7°34	17°27	9°10	M28
T 29	18 28 35	7°11'27	28°18	15°40	11°51	7°18	4°22	25°52	4°18	15°54	19°12	7°32	7°30	17°34	9°17	T 29
W30	18 32 32	8♋ 8'40	12♋22	16♊41	11♊44	7♎46	4♏22	25♍55	4♒16	15♋56	19♏11	7♈20	7♈27	17♓41	9♌24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	27n47	4n45	20n44	1s57	24n49	1n26	2n 5	0n41	12s13	1n18	4n12	2n25	19s37	0s37	21n58	0s41	3s21	14n53	4n 1	3n34	8s 6	12n28	6s27
W 2	22 11	28 28	5 2	20 24	2 14	24 36	1 13	1 56	0 39	12 12	1 18	4 12	2 25	19 38	0 37	21 57	0 41	3 21	14 53	3 57	3 33	8 3	12 27	6 27
T 3	22 19	27 22	5 1	20 4	2 30	24 22	1 0	1 47	0 37	12 10	1 18	4 11	2 25	19 38	0 37	21 57	0 41	3 21	14 52	3 54	3 32	7 59	12 26	6 26
F 4	22 26	24 33	4 43	19 45	2 45	24 7	0 47	1 37	0 36	12 9	1 17	4 11	2 24	19 38	0 37	21 57	0 41	3 21	14 52	3 51	3 30	7 56	12 25	6 25
S 5	22 33	20 15	4 8	19 26	3 0	23 52	0 33	1 28	0 34	12 8	1 17	4 10	2 24	19 39	0 37	21 57	0 41	3 21	14 52	3 48	3 29	7 53	12 24	6 25
S 6	22 39	14 48	3 17	19 9	3 14	23 36	0 19	1 18	0 32	12 6	1 17	4 10	2 24	19 39	0 37	21 57	0 41	3 20	14 52	3 47	3 28	7 49	12 24	6 24
M 7	22 46	8 34	2 14	18 52	3 27	23 20	0 5	1 9	0 30	12 5	1 17	4 9	2 24	19 39	0 37	21 56	0 41	3 20	14 51	3 47	3 27	7 46	12 23	6 24
T 8	22 51	1 55	1 3	18 36	3 38	23 4	0s 9	0 59	0 29	12 4	1 16	4 8	2 23	19 40	0 37	21 56	0 41	3 20	14 51	3 47	3 25	7 43	12 22	6 23
W 9	22 57	4s48	0s11	18 22	3 48	22 48	0 23	0 49	0 27	12 3	1 16	4 8	2 23	19 40	0 37	21 56	0 41	3 20	14 51	3 47	3 24	7 39	12 21	6 23
T 10	23 1	11 16	1 25	18 10	3 57	22 31	0 37	0 39	0 25	12 2	1 16	4 7	2 23	19 40	0 37	21 56	0 41	3 20	14 50	3 47	3 23	7 36	12 20	6 22
F 11	23 6	17 9	2 33	17 59	4 5	22 14	0 51	0 28	0 24	12 1	1 16	4 6	2 23	19 41	0 37	21 56	0 41	3 20	14 50	3 45	3 22	7 33	12 19	6 22
S 12	23 10	22 5	3 31	17 50	4 11	21 57	1 5	0 18	0 22	12 0	1 15	4 6	2 23	19 41	0 37	21 55	0 41	3 20	14 50	3 43	3 20	7 29	12 18	6 21
S 13	23 14	25 45	4 16	17 43	4 16	21 40	1 19	0 7	0 20	11 59	1 15	4 5	2 22	19 42	0 37	21 55	0 41	3 20	14 49	3 40	3 19	7 26	12 17	6 21
M14	23 17	27 54	4 46	17 38	4 20	21 23	1 33	0s 3	0 19	11 58	1 15	4 4	2 22	19 42	0 37	21 55	0 41	3 20	14 49	3 36	3 18	7 23	12 16	6 20
T 15	23 20	28 25	5 0	17 35	4 22	21 7	1 46	0 14	0 17	11 57	1 15	4 3	2 22	19 42	0 37	21 55	0 41	3 20	14 49	3 31	3 17	7 19	12 15	6 20
W16	23 22	27 21	4 58	17 33	4 23	20 50	1 59	0 25	0 16	11 57	1 14	4 2	2 22	19 43	0 37	21 55	0 41	3 20	14 48	3 26	3 15	7 16	12 14	6 19
T 17	23 24	24 54	4 42	17 34	4 23	20 34	2 12	0 36	0 14	11 56	1 14	4 1	2 22	19 43	0 37	21 54	0 41	3 20	14 48	3 22	3 14	7 13	12 13	6 19
F 18	23 26	21 19	4 12	17 36	4 21	20 19	2 24	0 47	0 13	11 55	1 14	4 0	2 21	19 44	0 37	21 54	0 40	3 20	14 48	3 19	3 13	7 9	12 11	6 18
S 19	23 27	16 54	3 32	17 40	4 18	20 3	2 36	0 58	0 11	11 55	1 14	3 59	2 21	19 44	0 37	21 54	0 40	3 20	14 47	3 16	3 12	7 6	12 10	6 18
S 20	23 28	11 53	2 42	17 46	4 15	19 49	2 48	1 10	0 10	11 54	1 13	3 58	2 21	19 45	0 37	21 54	0 40	3 20	14 47	3 14	3 10	7 3	12 9	6 17
M21	23 28	6 30	1 46	17 54	4 10	19 35	2 59	1 21	0 8	11 54	1 13	3 57	2 21	19 45	0 37	21 53	0 40	3 20	14 46	3 14	3 9	6 59	12 8	6 17
T 22	23 28	0 54	0 46	18 3	4 4	19 21	3 9	1 33	0 7	11 54	1 13	3 55	2 20	19 45	0 37	21 53	0 40	3 21	14 46	3 14	3 8	6 56	12 7	6 16
W23	23 28	4n46	0n17	18 13	3 58	19 9	3 19	1 44	0 6	11 53	1 13	3 54	2 20	19 46	0 37	21 53	0 40	3 21	14 46	3 14	3 7	6 53	12 5	6 16
T 24	23 27	10 21	1 20	18 25	3 50	18 57	3 28	1 56	0 4	11 53	1 12	3 53	2 20	19 46	0 37	21 53	0 40	3 21	14 45	3 13	3 5	6 49	12 4	6 15
F 25	23 26	15 39	2 20	18 38	3 42	18 46	3 37	2 8	0 3	11 53	1 12	3 52	2 20	19 47	0 37	21 52	0 40	3 21	14 45	3 12	3 4	6 46	12 3	6 15
S 26	23 24	20 25	3 15	18 53	3 33	18 35	3 46	2 20	0 2	11 53	1 12	3 50	2 20	19 47	0 37	21 52	0 40	3 21	14 44	3 11	3 3	6 42	12 1	6 14
S 27	23 22	24 23	4 2	19 8	3 24	18 26	3 54	2 32	0 0	11 53	1 11	3 49	2 19	19 48	0 37	21 52	0 40	3 21	14 44	3 8	3 2	6 39	12 0	6 14
M28	23 20	27 10	4 37	19 24	3 13	18 17	4 1	2 44	0s 1	11 53	1 11	3 48	2 19	19 48	0 37	21 52	0 40	3 21	14 44	3 4	3 0	6 36	11 59	6 14
T 29	23 17	28 24	4 57	19 40	3 3	18 9	4 8	2 56	0 2	11 53	1 11	3 46	2 19	19 49	0 37	21 51	0 40	3 22	14 43	3 0	2 59	6 32	11 57	6 13
W30	23n13	27n52	4n59	19n58	2s52	18n 2	4s14	3s 9	0s 4	11s53	1n11	3n45	2n19	19s49	0s37	21n51	0s40	3s22	14n43	2n55	2n58	6s29	11n56	6s13

Julian Day Number = 2358559.5, Delta T = 14.70 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'10, Lahiri = 20°18'10Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

JULY 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 29	9♋ 5'53	26♋40	17♊46	11°R39	8♎15	4°D22	25♍59	4°R14	15♋59	19°R10	7°R 9	7♈24	17♓47	9♌31	T 1
F 2	18 40 25	10° 3'06	11♌ 7	18°55	11°D37	8°43	4♏22	26° 2	4♒12	16° 1	19♏ 9	7♈ 0	7°21	17°54	9°38	F 2
S 3	18 44 22	11° 0'18	25°36	20° 8	11♊37	9°12	4°22	26° 5	4°10	16° 3	19° 8	6°53	7°18	18° 1	9°45	S 3
S 4	18 48 18	11°57'30	10♍ 3	21°26	11°39	9°41	4°22	26° 9	4° 8	16° 5	19° 7	6°49	7°15	18° 7	9°52	S 4
M 5	18 52 15	12°54'43	24°23	22°47	11°44	10°11	4°23	26°13	4° 6	16° 8	19° 6	6°47	7°11	18°14	9°59	M 5
T 6	18 56 11	13°51'54	8♎33	24°12	11°51	10°40	4°23	26°16	4° 4	16°10	19° 6	6°47	7° 8	18°21	10° 7	T 6
W 7	19 0 8	14°49'06	22°33	25°42	12° 0	11°10	4°24	26°20	4° 1	16°12	19° 5	6°47	7° 5	18°27	10°14	W 7
T 8	19 4 4	15°46'18	6♏22	27°15	12°11	11°40	4°25	26°24	3°59	16°14	19° 4	6°46	7° 2	18°34	10°21	T 8
F 9	19 8 1	16°43'30	20° 0	28°51	12°24	12°11	4°27	26°28	3°57	16°16	19° 3	6°42	6°59	18°41	10°29	F 9
S 10	19 11 58	17°40'42	3♐28	0♋32	12°39	12°41	4°28	26°32	3°55	16°19	19° 3	6°36	6°55	18°47	10°36	S 10
S 11	19 15 54	18°37'54	16°45	2°15	12°56	13°12	4°30	26°36	3°52	16°21	19° 2	6°28	6°52	18°54	10°44	S 11
M12	19 19 51	19°35'06	29°50	4° 3	13°15	13°43	4°32	26°40	3°50	16°23	19° 2	6°17	6°49	19° 1	10°51	M12
T 13	19 23 47	20°32'19	12♑42	5°53	13°36	14°15	4°34	26°45	3°48	16°25	19° 1	6° 5	6°46	19° 7	10°58	T 13
W14	19 27 44	21°29'31	25°22	7°46	13°58	14°46	4°36	26°49	3°45	16°28	19° 0	5°53	6°43	19°14	11° 6	W14
T 15	19 31 40	22°26'45	7♒48	9°42	14°22	15°18	4°38	26°53	3°43	16°30	19° 0	5°41	6°40	19°21	11°14	T 15
F 16	19 35 37	23°23'59	20° 1	11°41	14°48	15°50	4°41	26°58	3°41	16°32	18°59	5°32	6°36	19°27	11°21	F 16
S 17	19 39 34	24°21'13	2♓ 3	13°41	15°15	16°22	4°43	27° 3	3°38	16°34	18°59	5°25	6°33	19°34	11°29	S 17
S 18	19 43 30	25°18'28	13°56	15°43	15°44	16°54	4°46	27° 7	3°36	16°36	18°59	5°20	6°30	19°40	11°36	S 18
M19	19 47 27	26°15'44	25°45	17°47	16°14	17°27	4°49	27°12	3°34	16°39	18°58	5°18	6°27	19°47	11°44	M19
T 20	19 51 23	27°13'00	7♈33	19°53	16°46	17°59	4°52	27°17	3°31	16°41	18°58	5°D18	6°24	19°54	11°52	T 20
W21	19 55 20	28°10'18	19°25	21°59	17°19	18°32	4°56	27°22	3°29	16°43	18°58	5°18	6°21	20° 0	11°59	W21
T 22	19 59 16	29° 7'36	1♉26	24° 5	17°54	19° 5	4°59	27°27	3°27	16°45	18°57	5°R18	6°17	20° 7	12° 7	T 22
F 23	20 3 13	0♌ 4'56	13°42	26°12	18°29	19°39	5° 3	27°32	3°24	16°47	18°57	5°18	6°14	20°14	12°15	F 23
S 24	20 7 9	1° 2'16	26°18	28°19	19° 6	20°12	5° 7	27°37	3°22	16°50	18°57	5°15	6°11	20°20	12°22	S 24
S 25	20 11 6	1°59'38	9♊18	0♌26	19°44	20°46	5°11	27°42	3°19	16°52	18°57	5°10	6° 8	20°27	12°30	S 25
M26	20 15 3	2°57'00	22°45	2°32	20°24	21°20	5°15	27°47	3°17	16°54	18°57	5° 3	6° 5	20°34	12°38	M26
T 27	20 18 59	3°54'24	6♋38	4°37	21° 4	21°54	5°19	27°52	3°15	16°56	18°56	4°54	6° 1	20°40	12°46	T 27
W28	20 22 56	4°51'48	20°56	6°42	21°45	22°28	5°24	27°58	3°12	16°58	18°56	4°44	5°58	20°47	12°54	W28
T 29	20 26 52	5°49'14	5♌33	8°45	22°27	23° 2	5°28	28° 3	3°10	17° 0	18°56	4°35	5°55	20°54	13° 1	T 29
F 30	20 30 49	6°46'40	20°22	10°47	23°11	23°37	5°33	28° 9	3° 7	17° 3	18°D56	4°28	5°52	21° 0	13° 9	F 30
S 31	20 34 45	7♌44'07	5♍15	12♌48	23♊55	24♎11	5♏38	28♍14	3♒ 5	17♋ 5	18♏56	4♈23	5♈49	21♓ 7	13♌17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	25n29	4n43	20n15	2s40	17n56	4s20	3s21	0s 5	11s53	1n10	3n43	2n19	19s50	0s37	21n51	0s40	3s22	14n42	2n50	2n56	6s26	11n54	6s13
F 2	23 6	21 28	4 9	20 33	2 28	17 50	4 25	3 33	0 6	11 54	1 10	3 42	2 18	19 50	0 37	21 51	0 40	3 22	14 42	2 47	2 55	6 22	11 53	6 12
S 3	23 1	16 8	3 19	20 51	2 16	17 45	4 30	3 46	0 8	11 54	1 10	3 40	2 18	19 51	0 37	21 51	0 40	3 22	14 41	2 44	2 54	6 19	11 51	6 12
S 4	22 56	9 55	2 16	21 9	2 3	17 41	4 34	3 59	0 9	11 54	1 10	3 39	2 18	19 51	0 37	21 50	0 40	3 23	14 41	2 43	2 53	6 15	11 50	6 11
M 5	22 51	3 14	1 5	21 26	1 50	17 38	4 38	4 11	0 10	11 55	1 9	3 37	2 18	19 52	0 37	21 50	0 40	3 23	14 40	2 42	2 51	6 12	11 48	6 11
T 6	22 45	3s32	0s 9	21 43	1 38	17 36	4 41	4 24	0 11	11 55	1 9	3 35	2 18	19 53	0 37	21 50	0 40	3 23	14 40	2 42	2 50	6 9	11 47	6 11
W 7	22 39	10 4	1 22	22 0	1 25	17 34	4 45	4 37	0 12	11 56	1 9	3 34	2 17	19 53	0 37	21 49	0 40	3 23	14 39	2 42	2 49	6 5	11 45	6 10
T 8	22 32	16 1	2 30	22 15	1 11	17 32	4 47	4 50	0 14	11 56	1 8	3 32	2 17	19 54	0 38	21 49	0 40	3 24	14 39	2 41	2 48	6 2	11 44	6 10
F 9	22 26	21 6	3 27	22 30	0 58	17 32	4 49	5 3	0 15	11 57	1 8	3 30	2 17	19 54	0 38	21 49	0 40	3 24	14 38	2 40	2 46	5 59	11 42	6 10
S 10	22 18	25 1	4 13	22 43	0 46	17 32	4 51	5 16	0 16	11 58	1 8	3 28	2 17	19 55	0 38	21 49	0 40	3 24	14 38	2 38	2 45	5 55	11 40	6 9
S 11	22 11	27 31	4 44	22 55	0 33	17 33	4 53	5 29	0 17	11 59	1 8	3 27	2 17	19 55	0 38	21 48	0 40	3 25	14 37	2 34	2 44	5 52	11 39	6 9
M12	22 3	28 28	4 59	23 5	0 20	17 34	4 54	5 42	0 18	11 59	1 7	3 25	2 17	19 56	0 38	21 48	0 40	3 25	14 37	2 30	2 43	5 48	11 37	6 9
T 13	21 54	27 50	4 59	23 13	0 8	17 35	4 55	5 55	0 19	12 0	1 7	3 23	2 16	19 56	0 38	21 48	0 40	3 25	14 36	2 25	2 41	5 45	11 35	6 9
W14	21 45	25 45	4 44	23 19	0n 4	17 37	4 55	6 8	0 20	12 1	1 7	3 21	2 16	19 57	0 38	21 48	0 40	3 26	14 36	2 20	2 40	5 42	11 34	6 8
T 15	21 36	22 28	4 16	23 23	0 15	17 40	4 56	6 22	0 21	12 2	1 7	3 19	2 16	19 58	0 38	21 47	0 40	3 26	14 35	2 16	2 39	5 38	11 32	6 8
F 16	21 27	18 15	3 36	23 24	0 26	17 43	4 56	6 35	0 22	12 3	1 6	3 17	2 16	19 58	0 38	21 47	0 40	3 26	14 35	2 12	2 38	5 35	11 30	6 8
S 17	21 17	13 21	2 47	23 23	0 37	17 46	4 55	6 48	0 23	12 5	1 6	3 15	2 16	19 59	0 38	21 47	0 40	3 27	14 34	2 9	2 36	5 31	11 28	6 8
S 18	21 6	8 2	1 51	23 19	0 47	17 50	4 55	7 2	0 25	12 6	1 6	3 13	2 16	19 59	0 38	21 47	0 40	3 27	14 34	2 7	2 35	5 28	11 26	6 7
M19	20 56	2 28	0 51	23 13	0 56	17 53	4 54	7 15	0 26	12 7	1 6	3 11	2 15	20 0	0 38	21 46	0 40	3 28	14 33	2 7	2 34	5 25	11 25	6 7
T 20	20 45	3n11	0n12	23 4	1 4	17 58	4 53	7 29	0 27	12 8	1 5	3 9	2 15	20 0	0 38	21 46	0 40	3 28	14 33	2 6	2 33	5 21	11 23	6 7
W21	20 33	8 45	1 15	22 52	1 12	18 2	4 51	7 42	0 28	12 10	1 5	3 7	2 15	20 1	0 38	21 46	0 40	3 28	14 32	2 7	2 31	5 18	11 21	6 7
T 22	20 22	14 6	2 15	22 37	1 19	18 7	4 50	7 56	0 29	12 11	1 5	3 5	2 15	20 1	0 38	21 46	0 40	3 29	14 32	2 7	2 30	5 14	11 19	6 6
F 23	20 10	19 0	3 10	22 20	1 25	18 11	4 48	8 9	0 30	12 13	1 4	3 3	2 15	20 2	0 38	21 45	0 40	3 29	14 31	2 6	2 29	5 11	11 17	6 6
S 24	19 57	23 12	3 57	22 0	1 31	18 16	4 46	8 23	0 31	12 14	1 4	3 0	2 15	20 3	0 38	21 45	0 40	3 30	14 31	2 5	2 28	5 8	11 15	6 6
S 25	19 45	26 24	4 34	21 38	1 35	18 21	4 44	8 36	0 31	12 16	1 4	2 58	2 14	20 3	0 38	21 45	0 40	3 30	14 30	2 3	2 26	5 4	11 13	6 6
M26	19 32	28 14	4 58	21 14	1 39	18 26	4 42	8 50	0 32	12 17	1 4	2 56	2 14	20 4	0 38	21 45	0 40	3 31	14 30	2 0	2 25	5 1	11 11	6 6
T 27	19 18	28 22	5 4	20 47	1 42	18 31	4 40	9 3	0 33	12 19	1 3	2 54	2 14	20 4	0 38	21 44	0 40	3 31	14 29	1 57	2 24	4 57	11 9	6 6
W28	19 5	26 40	4 53	20 18	1 44	18 36	4 37	9 17	0 34	12 21	1 3	2 52	2 14	20 5	0 38	21 44	0 40	3 32	14 28	1 53	2 23	4 54	11 7	6 5
T 29	18 51	23 8	4 22	19 48	1 46	18 42	4 34	9 31	0 35	12 23	1 3	2 49	2 14	20 5	0 38	21 44	0 40	3 32	14 28	1 50	2 21	4 51	11 5	6 5
F 30	18 36	18 5	3 33	19 16	1 46	18 47	4 32	9 44	0 36	12 24	1 3	2 47	2 14	20 6	0 38	21 43	0 40	3 33	14 27	1 47	2 20	4 47	11 3	6 5
S 31	18n22	11n55	2n29	18n42	1n47	18n52	4s29	9s58	0s37	12s26	1n 2	2n45	2n14	20s 7	0s38	21n43	0s40	3s33	14n27	1n45	2n19	4s44	11n 1	6s 5

Julian Day Number = 2358589.5, Delta T = 14.72 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'14, Lahiri = 20°18'14Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

AUGUST 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 42	8♌41'35	20♍ 3	14♌48	24♊40	24♎46	5♏43	28♍20	3°R 3	17♋ 7	18♏56	4°R20	5♈46	21♓14	13♌25	S 1
M 2	20 42 38	9°39'04	4♎41	16°46	25°26	25°21	5°49	28°25	3♒ 0	17° 9	18°56	4°D19	5°42	21°20	13°33	M 2
T 3	20 46 35	10°36'33	19° 4	18°43	26°13	25°57	5°54	28°31	2°58	17°11	18°57	4♈20	5°39	21°27	13°40	T 3
W 4	20 50 32	11°34'04	3♏ 9	20°39	27° 0	26°32	6° 0	28°37	2°56	17°13	18°57	4°20	5°36	21°34	13°48	W 4
T 5	20 54 28	12°31'35	16°56	22°32	27°48	27° 8	6° 5	28°43	2°53	17°15	18°57	4°R21	5°33	21°40	13°56	T 5
F 6	20 58 25	13°29'06	0♐26	24°25	28°37	27°43	6°11	28°49	2°51	17°17	18°57	4°19	5°30	21°47	14° 4	F 6
S 7	21 2 21	14°26'39	13°40	26°16	29°27	28°19	6°17	28°55	2°48	17°19	18°57	4°16	5°27	21°53	14°12	S 7
S 8	21 6 18	15°24'13	26°40	28° 5	0♋18	28°55	6°23	29° 1	2°46	17°21	18°58	4°10	5°23	22° 0	14°20	S 8
M 9	21 10 14	16°21'48	9♑26	29°53	1° 9	29°31	6°30	29° 7	2°44	17°23	18°58	4° 3	5°20	22° 7	14°28	M 9
T 10	21 14 11	17°19'23	22° 0	1♍39	2° 1	0♏ 8	6°36	29°13	2°42	17°25	18°58	3°55	5°17	22°13	14°36	T 10
W11	21 18 7	18°17'00	4♒22	3°24	2°53	0°44	6°43	29°19	2°39	17°27	18°59	3°47	5°14	22°20	14°43	W11
T 12	21 22 4	19°14'38	16°34	5° 7	3°46	1°21	6°49	29°25	2°37	17°29	18°59	3°39	5°11	22°27	14°51	T 12
F 13	21 26 1	20°12'17	28°37	6°49	4°40	1°58	6°56	29°31	2°35	17°31	19° 0	3°33	5° 7	22°33	14°59	F 13
S 14	21 29 57	21° 9'58	10♓32	8°29	5°34	2°35	7° 3	29°38	2°33	17°33	19° 0	3°28	5° 4	22°40	15° 7	S 14
S 15	21 33 54	22° 7'40	22°22	10° 8	6°28	3°12	7°10	29°44	2°30	17°35	19° 1	3°26	5° 1	22°47	15°15	S 15
M16	21 37 50	23° 5'23	4♈ 9	11°46	7°24	3°49	7°18	29°51	2°28	17°37	19° 1	3°D25	4°58	22°53	15°23	M16
T 17	21 41 47	24° 3'08	15°56	13°22	8°20	4°26	7°25	29°57	2°26	17°39	19° 2	3°26	4°55	23° 0	15°31	T 17
W18	21 45 43	25° 0'55	27°48	14°56	9°16	5° 4	7°33	0♎ 3	2°24	17°41	19° 2	3°27	4°52	23° 7	15°38	W18
T 19	21 49 40	25°58'43	9♉49	16°30	10°13	5°41	7°40	0°10	2°22	17°42	19° 3	3°29	4°48	23°13	15°46	T 19
F 20	21 53 36	26°56'33	22° 5	18° 2	11°10	6°19	7°48	0°17	2°19	17°44	19° 4	3°R30	4°45	23°20	15°54	F 20
S 21	21 57 33	27°54'25	4♊38	19°32	12° 8	6°57	7°56	0°23	2°17	17°46	19° 5	3°30	4°42	23°27	16° 2	S 21
S 22	22 1 30	28°52'19	17°36	21° 1	13° 6	7°35	8° 4	0°30	2°15	17°48	19° 5	3°28	4°39	23°33	16°10	S 22
M23	22 5 26	29°50'14	0♋59	22°29	14° 4	8°13	8°12	0°37	2°13	17°50	19° 6	3°25	4°36	23°40	16°17	M23
T 24	22 9 23	0♍48'12	14°51	23°55	15° 3	8°51	8°20	0°43	2°11	17°51	19° 7	3°21	4°33	23°47	16°25	T 24
W25	22 13 19	1°46'11	29°10	25°19	16° 3	9°30	8°29	0°50	2° 9	17°53	19° 8	3°17	4°29	23°53	16°33	W25
T 26	22 17 16	2°44'12	13♌53	26°43	17° 2	10° 8	8°37	0°57	2° 7	17°55	19° 9	3°12	4°26	24° 0	16°41	T 26
F 27	22 21 12	3°42'15	28°52	28° 4	18° 3	10°47	8°46	1° 4	2° 5	17°56	19°10	3° 9	4°23	24° 6	16°48	F 27
S 28	22 25 9	4°40'19	14♍ 0	29°24	19° 3	11°26	8°55	1°11	2° 3	17°58	19°11	3° 6	4°20	24°13	16°56	S 28
S 29	22 29 5	5°38'24	29° 7	0♎43	20° 4	12° 5	9° 4	1°17	2° 2	18° 0	19°12	3°D 5	4°17	24°20	17° 4	S 29
M30	22 33 2	6°36'32	14♎ 4	2° 0	21° 5	12°44	9°13	1°24	2° 0	18° 1	19°13	3° 5	4°13	24°26	17°11	M30
T 31	22 36 59	7♍34'41	28♎43	3♎15	22♋ 7	13♏23	9♏22	1♎31	1♒58	18♋ 3	19♏14	3♈ 6	4♈10	24♓33	17♌19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 7	5n 6	1n16	18n 6	1n46	18n57	4s25	10s12	0s38	12s28	1n 2	2n42	2n13	20s 7	0s38	21n43	0s40	3s34	14n26	1n43	2n17	4s40	10n59	6s 5
M 2	17 52	1s54	0s 2	17 30	1 45	19 2	4 22	10 25	0 39	12 30	1 2	2 40	2 13	20 8	0 38	21 43	0 40	3 34	14 26	1 43	2 16	4 37	10 57	6 5
T 3	17 36	8 41	1 18	16 52	1 43	19 7	4 19	10 39	0 40	12 32	1 2	2 37	2 13	20 8	0 38	21 42	0 40	3 35	14 25	1 43	2 15	4 34	10 55	6 5
W 4	17 20	14 55	2 29	16 13	1 41	19 11	4 15	10 53	0 40	12 34	1 1	2 35	2 13	20 9	0 38	21 42	0 40	3 36	14 25	1 44	2 14	4 30	10 53	6 4
T 5	17 4	20 15	3 29	15 34	1 38	19 16	4 12	11 6	0 41	12 36	1 1	2 33	2 13	20 9	0 38	21 42	0 40	3 36	14 24	1 44	2 12	4 27	10 51	6 4
F 6	16 48	24 26	4 16	14 53	1 35	19 20	4 8	11 20	0 42	12 39	1 1	2 30	2 13	20 10	0 38	21 42	0 40	3 37	14 24	1 43	2 11	4 23	10 49	6 4
S 7	16 31	27 14	4 48	14 12	1 31	19 24	4 4	11 34	0 43	12 41	1 1	2 28	2 13	20 10	0 38	21 41	0 40	3 37	14 23	1 42	2 10	4 20	10 47	6 4
S 8	16 14	28 31	5 5	13 31	1 26	19 28	4 0	11 47	0 44	12 43	1 1	2 25	2 13	20 11	0 38	21 41	0 40	3 38	14 22	1 40	2 9	4 16	10 44	6 4
M 9	15 57	28 14	5 6	12 48	1 22	19 32	3 56	12 1	0 45	12 45	1 0	2 23	2 12	20 11	0 38	21 41	0 40	3 39	14 22	1 37	2 7	4 13	10 42	6 4
T 10	15 40	26 29	4 53	12 6	1 17	19 36	3 52	12 15	0 45	12 48	1 0	2 20	2 12	20 12	0 38	21 41	0 40	3 39	14 21	1 34	2 6	4 10	10 40	6 4
W11	15 22	23 29	4 25	11 23	1 11	19 39	3 48	12 28	0 46	12 50	1 0	2 18	2 12	20 12	0 38	21 40	0 40	3 40	14 21	1 30	2 5	4 6	10 38	6 4
T 12	15 4	19 29	3 46	10 40	1 5	19 42	3 44	12 42	0 47	12 53	1 0	2 15	2 12	20 13	0 38	21 40	0 40	3 40	14 20	1 27	2 4	4 3	10 36	6 4
F 13	14 46	14 45	2 57	9 56	0 59	19 44	3 39	12 55	0 48	12 55	0 59	2 12	2 12	20 14	0 38	21 40	0 40	3 41	14 20	1 25	2 2	3 59	10 34	6 4
S 14	14 28	9 30	2 1	9 13	0 53	19 47	3 35	13 9	0 48	12 57	0 59	2 10	2 12	20 14	0 38	21 40	0 40	3 42	14 19	1 23	2 1	3 56	10 31	6 4
S 15	14 9	3 57	1 0	8 29	0 46	19 49	3 30	13 22	0 49	13 0	0 59	2 7	2 12	20 15	0 38	21 39	0 40	3 42	14 19	1 22	2 0	3 52	10 29	6 4
M16	13 50	1n43	0n 4	7 46	0 39	19 50	3 26	13 35	0 50	13 3	0 59	2 5	2 12	20 15	0 38	21 39	0 40	3 43	14 18	1 22	1 59	3 49	10 27	6 4
T 17	13 31	7 19	1 8	7 2	0 32	19 52	3 21	13 49	0 51	13 5	0 58	2 2	2 12	20 16	0 38	21 39	0 40	3 44	14 18	1 22	1 57	3 46	10 25	6 4
W18	13 12	12 43	2 9	6 19	0 24	19 53	3 17	14 2	0 51	13 8	0 58	1 59	2 11	20 16	0 38	21 39	0 40	3 44	14 17	1 23	1 56	3 42	10 22	6 4
T 19	12 53	17 43	3 6	5 36	0 17	19 53	3 12	14 15	0 52	13 11	0 58	1 57	2 11	20 16	0 38	21 38	0 40	3 45	14 16	1 23	1 55	3 39	10 20	6 4
F 20	12 33	22 5	3 55	4 53	0 9	19 53	3 7	14 29	0 53	13 13	0 58	1 54	2 11	20 17	0 38	21 38	0 40	3 46	14 16	1 24	1 54	3 35	10 18	6 4
S 21	12 13	25 35	4 34	4 10	0 1	19 53	3 3	14 42	0 53	13 16	0 58	1 51	2 11	20 17	0 38	21 38	0 40	3 47	14 15	1 24	1 52	3 32	10 15	6 4
S 22	11 53	27 53	5 1	3 27	0s 7	19 53	2 58	14 55	0 54	13 19	0 57	1 48	2 11	20 18	0 38	21 38	0 40	3 47	14 15	1 23	1 51	3 28	10 13	6 4
M23	11 33	28 41	5 12	2 45	0 15	19 52	2 53	15 8	0 55	13 22	0 57	1 46	2 11	20 18	0 38	21 37	0 40	3 48	14 14	1 22	1 50	3 25	10 11	6 4
T 24	11 12	27 43	5 6	2 3	0 24	19 50	2 48	15 21	0 55	13 24	0 57	1 43	2 11	20 19	0 38	21 37	0 40	3 49	14 14	1 20	1 48	3 22	10 8	6 4
W25	10 52	24 56	4 41	1 22	0 32	19 48	2 43	15 34	0 56	13 27	0 57	1 40	2 11	20 19	0 38	21 37	0 40	3 49	14 13	1 18	1 47	3 18	10 6	6 4
T 26	10 31	20 29	3 58	0 41	0 41	19 46	2 39	15 47	0 57	13 30	0 57	1 37	2 11	20 20	0 38	21 37	0 40	3 50	14 13	1 17	1 46	3 15	10 4	6 4
F 27	10 10	14 39	2 57	0 0	0 50	19 43	2 34	15 59	0 57	13 33	0 56	1 35	2 11	20 20	0 38	21 36	0 40	3 51	14 12	1 15	1 45	3 11	10 1	6 4
S 28	9 49	7 53	1 43	0s40	0 59	19 40	2 29	16 12	0 58	13 36	0 56	1 32	2 11	20 20	0 38	21 36	0 40	3 52	14 12	1 14	1 43	3 8	9 59	6 5
S 29	9 27	0 41	0 22	1 19	1 7	19 36	2 24	16 25	0 59	13 39	0 56	1 29	2 11	20 21	0 38	21 36	0 40	3 52	14 11	1 14	1 42	3 4	9 57	6 5
M30	9 6	6s29	1s 0	1 58	1 16	19 32	2 19	16 37	0 59	13 42	0 56	1 26	2 11	20 21	0 38	21 36	0 40	3 53	14 11	1 14	1 41	3 1	9 54	6 5
T 31	8n44	13s10	2s16	2s36	1s25	19n27	2s14	16s50	1s 0	13s45	0n56	1n23	2n10	20s22	0s38	21n36	0s40	3s54	14n10	1n14	1n40	2s58	9n52	6s 5

Julian Day Number = 2358620.5, Delta T = 14.74 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'18, Lahiri = 20°18'19Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

SEPTEMBER 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 55	8♍32'51	13♏ 2	4♎28	23♋ 9	14♏ 2	9♏31	1♎38	1°R56	18♋ 5	19♏15	3♈ 8	4♈ 7	24♓40	17♌27	W 1
T 2	22 44 52	9°31'03	26°57	5°40	24°11	14°42	9°40	1°45	1♒54	18° 6	19°16	3° 9	4° 4	24°46	17°34	T 2
F 3	22 48 48	10°29'16	10♐29	6°50	25°13	15°21	9°50	1°52	1°53	18° 8	19°17	3°R 9	4° 1	24°53	17°42	F 3
S 4	22 52 45	11°27'31	23°38	7°57	26°16	16° 1	9°59	2° 0	1°51	18° 9	19°18	3° 9	3°58	25° 0	17°49	S 4
S 5	22 56 41	12°25'48	6♑29	9° 3	27°19	16°41	10° 9	2° 7	1°49	18°11	19°19	3° 7	3°54	25° 6	17°57	S 5
M 6	23 0 38	13°24'06	19° 3	10° 6	28°23	17°21	10°18	2°14	1°48	18°12	19°21	3° 5	3°51	25°13	18° 4	M 6
T 7	23 4 34	14°22'25	1♒23	11° 7	29°26	18° 1	10°28	2°21	1°46	18°13	19°22	3° 2	3°48	25°20	18°12	T 7
W 8	23 8 31	15°20'46	13°32	12° 5	0♌30	18°41	10°38	2°28	1°45	18°15	19°23	3° 0	3°45	25°26	18°19	W 8
T 9	23 12 28	16°19'09	25°33	13° 1	1°34	19°21	10°48	2°35	1°43	18°16	19°25	2°57	3°42	25°33	18°27	T 9
F 10	23 16 24	17°17'34	7♓27	13°54	2°39	20° 2	10°58	2°43	1°42	18°18	19°26	2°55	3°39	25°39	18°34	F 10
S 11	23 20 21	18°16'00	19°17	14°43	3°44	20°42	11° 8	2°50	1°40	18°19	19°27	2°54	3°35	25°46	18°41	S 11
S 12	23 24 17	19°14'28	1♈ 5	15°29	4°49	21°23	11°19	2°57	1°39	18°20	19°29	2°D53	3°32	25°53	18°49	S 12
M13	23 28 14	20°12'58	12°52	16°12	5°54	22° 3	11°29	3° 4	1°38	18°21	19°30	2°53	3°29	25°59	18°56	M13
T 14	23 32 10	21°11'31	24°43	16°51	6°59	22°44	11°39	3°12	1°36	18°23	19°32	2°54	3°26	26° 6	19° 3	T 14
W15	23 36 7	22°10'05	6♉39	17°26	8° 5	23°25	11°50	3°19	1°35	18°24	19°33	2°55	3°23	26°13	19°10	W15
T 16	23 40 3	23° 8'42	18°44	17°56	9°11	24° 6	12° 1	3°26	1°34	18°25	19°35	2°56	3°19	26°19	19°17	T 16
F 17	23 44 0	24° 7'20	1♊ 1	18°21	10°17	24°47	12°11	3°34	1°33	18°26	19°36	2°57	3°16	26°26	19°24	F 17
S 18	23 47 56	25° 6'01	13°35	18°41	11°24	25°28	12°22	3°41	1°32	18°27	19°38	2°58	3°13	26°33	19°31	S 18
S 19	23 51 53	26° 4'45	26°28	18°56	12°30	26°10	12°33	3°48	1°30	18°28	19°39	2°R58	3°10	26°39	19°38	S 19
M20	23 55 50	27° 3'30	9♋45	19° 5	13°37	26°51	12°44	3°56	1°29	18°29	19°41	2°58	3° 7	26°46	19°45	M20
T 21	23 59 46	28° 2'18	23°28	19°R 7	14°44	27°32	12°55	4° 3	1°28	18°31	19°43	2°57	3° 4	26°53	19°52	T 21
W22	0 3 43	29° 1'08	7♌37	19° 3	15°51	28°14	13° 6	4°10	1°28	18°32	19°44	2°57	3° 0	26°59	19°59	W22
T 23	0 7 39	0♎ 0'01	22°10	18°51	16°59	28°56	13°17	4°18	1°27	18°32	19°46	2°56	2°57	27° 6	20° 6	T 23
F 24	0 11 36	0°58'55	7♍ 4	18°33	18° 7	29°38	13°29	4°25	1°26	18°33	19°48	2°56	2°54	27°13	20°13	F 24
S 25	0 15 32	1°57'52	22°12	18° 7	19°14	0♐20	13°40	4°33	1°25	18°34	19°50	2°56	2°51	27°19	20°19	S 25
S 26	0 19 29	2°56'51	7♎24	17°33	20°22	1° 2	13°51	4°40	1°24	18°35	19°51	2°56	2°48	27°26	20°26	S 26
M27	0 23 25	3°55'51	22°32	16°52	21°31	1°44	14° 3	4°47	1°23	18°36	19°53	2°56	2°44	27°32	20°33	M27
T 28	0 27 22	4°54'54	7♏25	16° 3	22°39	2°26	14°14	4°55	1°23	18°37	19°55	2°56	2°41	27°39	20°39	T 28
W29	0 31 19	5°53'59	21°57	15° 9	23°47	3° 8	14°26	5° 2	1°22	18°38	19°57	2°56	2°38	27°46	20°46	W29
T 30	0 35 15	6♎53'05	6♐ 5	14♎ 8	24♌56	3♐51	14♏38	5♎10	1♒22	18♋38	19♏59	2♈55	2♈35	27♓52	20♌52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n23	18s59	3s22	3s13	1s34	19n22	2s 9	17s 2	1s 0	13s48	0n55	1n20	2n10	20s22	0s38	21n35	0s40	3s55	14n10	1n15	1n38	2s54	9n50	6s 5
T 2	8 1	23 38	4 15	3 50	1 43	19 16	2 4	17 15	1 1	13 52	0 55	1 18	2 10	20 22	0 38	21 35	0 40	3 55	14 9	1 15	1 37	2 51	9 47	6 5
F 3	7 39	26 51	4 51	4 25	1 52	19 10	1 59	17 27	1 2	13 55	0 55	1 15	2 10	20 23	0 38	21 35	0 40	3 56	14 9	1 15	1 36	2 47	9 45	6 5
S 4	7 17	28 30	5 11	5 0	2 0	19 4	1 54	17 39	1 2	13 58	0 55	1 12	2 10	20 23	0 37	21 35	0 40	3 57	14 8	1 15	1 35	2 44	9 42	6 5
S 5	6 54	28 33	5 15	5 34	2 9	18 57	1 49	17 51	1 3	14 1	0 55	1 9	2 10	20 24	0 37	21 35	0 40	3 58	14 8	1 15	1 33	2 40	9 40	6 6
M 6	6 32	27 7	5 3	6 7	2 18	18 49	1 44	18 3	1 3	14 4	0 54	1 6	2 10	20 24	0 37	21 34	0 40	3 59	14 7	1 14	1 32	2 37	9 38	6 6
T 7	6 10	24 24	4 38	6 39	2 26	18 41	1 39	18 15	1 4	14 8	0 54	1 3	2 10	20 24	0 37	21 34	0 40	3 59	14 7	1 13	1 31	2 33	9 35	6 6
W 8	5 47	20 37	4 0	7 9	2 34	18 32	1 34	18 26	1 4	14 11	0 54	1 0	2 10	20 25	0 37	21 34	0 40	4 0	14 6	1 12	1 30	2 30	9 33	6 6
T 9	5 24	16 2	3 12	7 38	2 42	18 23	1 29	18 38	1 5	14 14	0 54	0 57	2 10	20 25	0 37	21 34	0 40	4 1	14 6	1 10	1 28	2 27	9 31	6 6
F 10	5 2	10 54	2 16	8 6	2 50	18 13	1 25	18 49	1 5	14 17	0 54	0 55	2 10	20 25	0 37	21 34	0 40	4 2	14 5	1 10	1 27	2 23	9 28	6 7
S 11	4 39	5 24	1 15	8 33	2 58	18 3	1 20	19 1	1 6	14 21	0 53	0 52	2 10	20 25	0 37	21 33	0 40	4 3	14 5	1 9	1 26	2 20	9 26	6 7
S 12	4 16	0n17	0 10	8 57	3 5	17 53	1 15	19 12	1 6	14 24	0 53	0 49	2 10	20 26	0 37	21 33	0 40	4 3	14 4	1 9	1 24	2 16	9 23	6 7
M13	3 53	5 56	0n55	9 20	3 12	17 42	1 10	19 23	1 7	14 27	0 53	0 46	2 10	20 26	0 37	21 33	0 40	4 4	14 4	1 9	1 23	2 13	9 21	6 7
T 14	3 30	11 25	1 58	9 41	3 19	17 30	1 5	19 34	1 7	14 31	0 53	0 43	2 10	20 26	0 37	21 33	0 40	4 5	14 3	1 9	1 22	2 9	9 18	6 7
W15	3 7	16 32	2 57	10 0	3 25	17 18	1 0	19 45	1 8	14 34	0 53	0 40	2 10	20 27	0 37	21 33	0 40	4 6	14 3	1 10	1 21	2 6	9 16	6 8
T 16	2 44	21 4	3 48	10 17	3 31	17 5	0 56	19 56	1 8	14 38	0 53	0 37	2 10	20 27	0 37	21 32	0 40	4 7	14 2	1 10	1 19	2 2	9 14	6 8
F 17	2 20	24 47	4 30	10 32	3 36	16 52	0 51	20 6	1 9	14 41	0 52	0 34	2 10	20 27	0 37	21 32	0 40	4 8	14 2	1 11	1 18	1 59	9 11	6 8
S 18	1 57	27 25	5 0	10 43	3 40	16 39	0 46	20 17	1 9	14 45	0 52	0 31	2 10	20 27	0 37	21 32	0 40	4 8	14 1	1 11	1 17	1 56	9 9	6 8
S 19	1 34	28 41	5 16	10 52	3 44	16 25	0 42	20 27	1 10	14 48	0 52	0 28	2 10	20 28	0 37	21 32	0 40	4 9	14 1	1 11	1 16	1 52	9 6	6 9
M20	1 10	28 22	5 15	10 58	3 47	16 10	0 37	20 37	1 10	14 51	0 52	0 25	2 10	20 28	0 37	21 32	0 40	4 10	14 0	1 11	1 14	1 49	9 4	6 9
T 21	0 47	26 19	4 58	11 1	3 48	15 55	0 33	20 47	1 10	14 55	0 52	0 22	2 10	20 28	0 37	21 32	0 40	4 11	14 0	1 11	1 13	1 45	9 2	6 9
W22	0 23	22 36	4 22	11 0	3 49	15 40	0 28	20 57	1 11	14 58	0 52	0 20	2 10	20 28	0 37	21 32	0 40	4 12	14 0	1 10	1 12	1 42	8 59	6 10
T 23	0s 0	17 25	3 28	10 55	3 48	15 24	0 24	21 6	1 11	15 2	0 51	0 17	2 10	20 28	0 37	21 31	0 40	4 13	13 59	1 10	1 11	1 38	8 57	6 10
F 24	0 23	11 5	2 19	10 46	3 47	15 7	0 19	21 16	1 12	15 6	0 51	0 14	2 10	20 28	0 37	21 31	0 40	4 13	13 59	1 10	1 9	1 35	8 54	6 10
S 25	0 47	4 0	0 59	10 33	3 43	14 50	0 15	21 25	1 12	15 9	0 51	0 11	2 10	20 29	0 37	21 31	0 40	4 14	13 58	1 10	1 8	1 31	8 52	6 11
S 26	1 10	3s19	0s25	10 15	3 38	14 33	0 11	21 34	1 12	15 13	0 51	0 8	2 10	20 29	0 37	21 31	0 40	4 15	13 58	1 10	1 7	1 28	8 50	6 11
M27	1 34	10 26	1 47	9 53	3 31	14 15	0 6	21 43	1 13	15 16	0 51	0 5	2 10	20 29	0 37	21 31	0 40	4 16	13 58	1 10	1 6	1 24	8 47	6 11
T 28	1 57	16 51	3 0	9 26	3 23	13 57	0 2	21 52	1 13	15 20	0 51	0 2	2 10	20 29	0 37	21 31	0 40	4 17	13 57	1 10	1 4	1 21	8 45	6 12
W29	2 21	22 9	4 0	8 56	3 12	13 38	0n 2	22 1	1 13	15 23	0 51	0s 1	2 10	20 29	0 37	21 31	0 40	4 18	13 57	1 10	1 3	1 18	8 43	6 12
T 30	2s44	26s 0	4s44	8s20	3s 0	13n19	0n 6	22s 9	1s14	15s27	0n50	0s 4	2n10	20s29	0s37	21n31	0s40	4s18	13n56	1n10	1n 2	1s14	8n40	6s12

Julian Day Number = 2358651.5, Delta T = 14.77 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'23, Lahiri = 20°18'23Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

OCTOBER 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 12	7♎52'14	19♐45	13°R 3	26♌ 5	4♐33	14♏50	5♎17	1°R21	18♋39	20♏ 1	2°R55	2♈32	27♓59	20♌59	F 1
S 2	0 43 8	8°51'24	2♑59	11♎54	27°14	5°16	15° 1	5°24	1♒21	18°40	20° 3	2°D55	2°29	28° 6	21° 5	S 2
S 3	0 47 5	9°50'36	15°49	10°44	28°23	5°58	15°13	5°32	1°20	18°40	20° 4	2♈55	2°25	28°12	21°11	S 3
M 4	0 51 1	10°49'49	28°19	9°34	29°33	6°41	15°25	5°39	1°20	18°41	20° 6	2°55	2°22	28°19	21°17	M 4
T 5	0 54 58	11°49'05	10♒32	8°26	0♍42	7°24	15°37	5°47	1°20	18°42	20° 8	2°56	2°19	28°26	21°24	T 5
W 6	0 58 54	12°48'22	22°34	7°22	1°52	8° 7	15°49	5°54	1°19	18°42	20°10	2°57	2°16	28°32	21°30	W 6
T 7	1 2 51	13°47'41	4♓27	6°24	3° 1	8°50	16° 1	6° 1	1°19	18°43	20°12	2°58	2°13	28°39	21°36	T 7
F 8	1 6 48	14°47'02	16°16	5°34	4°11	9°33	16°14	6° 9	1°19	18°43	20°15	2°59	2°10	28°46	21°42	F 8
S 9	1 10 44	15°46'25	28° 3	4°53	5°21	10°16	16°26	6°16	1°19	18°44	20°17	2°R59	2° 6	28°52	21°48	S 9
S 10	1 14 41	16°45'49	9♈52	4°21	6°32	11° 0	16°38	6°23	1°19	18°44	20°19	2°59	2° 3	28°59	21°53	S 10
M11	1 18 37	17°45'16	21°45	4° 1	7°42	11°43	16°51	6°31	1°D19	18°44	20°21	2°58	2° 0	29° 5	21°59	M11
T 12	1 22 34	18°44'45	3♉43	3°D51	8°52	12°26	17° 3	6°38	1°19	18°45	20°23	2°57	1°57	29°12	22° 5	T 12
W13	1 26 30	19°44'16	15°48	3°52	10° 3	13°10	17°15	6°45	1°19	18°45	20°25	2°55	1°54	29°19	22°10	W13
T 14	1 30 27	20°43'49	28° 3	4° 4	11°14	13°54	17°28	6°53	1°19	18°45	20°27	2°52	1°50	29°25	22°16	T 14
F 15	1 34 23	21°43'25	10♊30	4°27	12°25	14°37	17°40	7° 0	1°19	18°46	20°29	2°49	1°47	29°32	22°21	F 15
S 16	1 38 20	22°43'03	23°10	4°59	13°35	15°21	17°53	7° 7	1°19	18°46	20°31	2°46	1°44	29°39	22°27	S 16
S 17	1 42 17	23°42'43	6♋ 6	5°41	14°47	16° 5	18° 6	7°14	1°20	18°46	20°34	2°44	1°41	29°45	22°32	S 17
M18	1 46 13	24°42'25	19°20	6°31	15°58	16°49	18°18	7°22	1°20	18°46	20°36	2°D43	1°38	29°52	22°37	M18
T 19	1 50 10	25°42'10	2♌54	7°28	17° 9	17°33	18°31	7°29	1°20	18°46	20°38	2°44	1°35	29°59	22°42	T 19
W20	1 54 6	26°41'56	16°49	8°32	18°21	18°17	18°44	7°36	1°21	18°46	20°40	2°44	1°31	0♈ 5	22°48	W20
T 21	1 58 3	27°41'46	1♍ 6	9°41	19°32	19° 1	18°57	7°43	1°21	18°46	20°43	2°46	1°28	0°12	22°53	T 21
F 22	2 1 59	28°41'37	15°42	10°56	20°44	19°45	19° 9	7°50	1°22	18°R46	20°45	2°47	1°25	0°19	22°58	F 22
S 23	2 5 56	29°41'30	0♎33	12°15	21°56	20°30	19°22	7°57	1°22	18°46	20°47	2°R48	1°22	0°25	23° 2	S 23
S 24	2 9 52	0♏41'26	15°34	13°38	23° 8	21°14	19°35	8° 4	1°23	18°46	20°49	2°47	1°19	0°32	23° 7	S 24
M25	2 13 49	1°41'23	0♏35	15° 4	24°20	21°59	19°48	8°11	1°24	18°46	20°52	2°46	1°16	0°38	23°12	M25
T 26	2 17 46	2°41'23	15°29	16°32	25°32	22°43	20° 1	8°18	1°24	18°46	20°54	2°42	1°12	0°45	23°16	T 26
W27	2 21 42	3°41'25	0♐ 7	18° 2	26°44	23°28	20°14	8°25	1°25	18°46	20°56	2°38	1° 9	0°52	23°21	W27
T 28	2 25 39	4°41'28	14°22	19°35	27°56	24°12	20°27	8°32	1°26	18°46	20°59	2°33	1° 6	0°58	23°25	T 28
F 29	2 29 35	5°41'33	28°10	21° 9	29° 8	24°57	20°40	8°39	1°27	18°46	21° 1	2°28	1° 3	1° 5	23°30	F 29
S 30	2 33 32	6°41'40	11♑31	22°43	0♎21	25°42	20°53	8°46	1°28	18°45	21° 3	2°24	1° 0	1°12	23°34	S 30
S 31	2 37 28	7♏41'48	24♑26	24♎19	1♎33	26♐27	21♏ 6	8♎53	1♒29	18♋45	21♏ 6	2♈22	0♈56	1♈18	23♌38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 8	28s13	5s 9	7s42	2s45	13n 0	0n10	22s18	1s14	15s30	0n50	0s 7	2n10	20s29	0s37	21n30	0s40	4s19	13n56	1n10	1n 0	1s11	8n38	6s13
S 2	3 31	28 44	5 18	7 0	2 29	12 40	0 14	22 26	1 14	15 34	0 50	0 10	2 10	20 29	0 37	21 30	0 40	4 20	13 56	1 10	0 59	1 7	8 36	6 13
S 3	3 54	27 40	5 10	6 17	2 12	12 20	0 18	22 34	1 15	15 38	0 50	0 12	2 10	20 29	0 37	21 30	0 40	4 21	13 55	1 10	0 58	1 4	8 33	6 13
M 4	4 18	25 13	4 47	5 32	1 53	11 59	0 22	22 41	1 15	15 41	0 50	0 15	2 10	20 30	0 37	21 30	0 40	4 22	13 55	1 10	0 57	1 0	8 31	6 14
T 5	4 41	21 40	4 12	4 47	1 33	11 38	0 25	22 49	1 15	15 45	0 50	0 18	2 10	20 30	0 37	21 30	0 41	4 23	13 55	1 10	0 55	0 57	8 29	6 14
W 6	5 4	17 16	3 26	4 3	1 13	11 17	0 29	22 56	1 16	15 49	0 50	0 21	2 10	20 30	0 37	21 30	0 41	4 23	13 54	1 10	0 54	0 53	8 26	6 15
T 7	5 27	12 15	2 32	3 21	0 52	10 55	0 33	23 3	1 16	15 52	0 49	0 24	2 10	20 30	0 37	21 30	0 41	4 24	13 54	1 11	0 53	0 50	8 24	6 15
F 8	5 50	6 50	1 31	2 42	0 32	10 33	0 36	23 10	1 16	15 56	0 49	0 27	2 10	20 30	0 37	21 30	0 41	4 25	13 54	1 11	0 52	0 46	8 22	6 15
S 9	6 13	1 12	0 27	2 8	0 12	10 11	0 40	23 17	1 16	15 59	0 49	0 30	2 11	20 30	0 37	21 30	0 41	4 26	13 53	1 11	0 50	0 43	8 20	6 16
S 10	6 36	4n30	0n38	1 38	0n 7	9 48	0 43	23 23	1 17	16 3	0 49	0 33	2 11	20 30	0 37	21 30	0 41	4 27	13 53	1 11	0 49	0 40	8 17	6 16
M11	6 59	10 4	1 42	1 13	0 25	9 25	0 46	23 30	1 17	16 7	0 49	0 35	2 11	20 30	0 37	21 30	0 41	4 28	13 53	1 11	0 48	0 36	8 15	6 17
T 12	7 21	15 19	2 42	0 54	0 42	9 1	0 50	23 36	1 17	16 10	0 49	0 38	2 11	20 30	0 37	21 29	0 41	4 28	13 52	1 10	0 47	0 33	8 13	6 17
W13	7 44	20 2	3 35	0 40	0 57	8 38	0 53	23 42	1 17	16 14	0 49	0 41	2 11	20 30	0 37	21 29	0 41	4 29	13 52	1 9	0 45	0 29	8 11	6 18
T 14	8 6	23 58	4 19	0 33	1 10	8 14	0 56	23 47	1 18	16 17	0 49	0 44	2 11	20 29	0 37	21 29	0 41	4 30	13 52	1 8	0 44	0 26	8 9	6 18
F 15	8 29	26 52	4 52	0 31	1 22	7 49	0 59	23 52	1 18	16 21	0 48	0 47	2 11	20 29	0 37	21 29	0 41	4 31	13 51	1 7	0 43	0 22	8 6	6 19
S 16	8 51	28 28	5 11	0 34	1 33	7 25	1 2	23 58	1 18	16 25	0 48	0 49	2 11	20 29	0 37	21 29	0 41	4 32	13 51	1 6	0 41	0 19	8 4	6 19
S 17	9 13	28 34	5 15	0 42	1 42	7 0	1 5	24 3	1 18	16 28	0 48	0 52	2 11	20 29	0 37	21 29	0 41	4 32	13 51	1 5	0 40	0 15	8 2	6 20
M18	9 35	27 4	5 2	0 55	1 49	6 35	1 7	24 7	1 18	16 32	0 48	0 55	2 11	20 29	0 37	21 29	0 41	4 33	13 51	1 5	0 39	0 12	8 0	6 20
T 19	9 57	23 58	4 33	1 12	1 55	6 9	1 10	24 12	1 19	16 36	0 48	0 58	2 11	20 29	0 36	21 29	0 41	4 34	13 50	1 5	0 38	0 8	7 58	6 21
W20	10 19	19 25	3 47	1 33	2 0	5 44	1 13	24 16	1 19	16 39	0 48	1 0	2 11	20 29	0 36	21 29	0 41	4 35	13 50	1 5	0 36	0 5	7 56	6 21
T 21	10 40	13 41	2 46	1 58	2 3	5 18	1 15	24 20	1 19	16 43	0 48	1 3	2 11	20 29	0 36	21 29	0 41	4 36	13 50	1 6	0 35	0 2	7 54	6 22
F 22	11 2	7 4	1 33	2 25	2 5	4 52	1 18	24 24	1 19	16 46	0 48	1 6	2 12	20 29	0 36	21 29	0 41	4 36	13 50	1 7	0 34	0n 2	7 52	6 22
S 23	11 23	0s 2	0 12	2 55	2 6	4 26	1 20	24 27	1 19	16 50	0 48	1 9	2 12	20 29	0 36	21 29	0 41	4 37	13 49	1 7	0 33	0 5	7 50	6 23
S 24	11 44	7 12	1s10	3 27	2 6	3 59	1 22	24 30	1 19	16 54	0 48	1 11	2 12	20 28	0 36	21 29	0 41	4 38	13 49	1 7	0 31	0 9	7 48	6 23
M25	12 5	13 59	2 27	4 1	2 6	3 33	1 24	24 33	1 19	16 57	0 47	1 14	2 12	20 28	0 36	21 29	0 41	4 39	13 49	1 6	0 30	0 12	7 46	6 24
T 26	12 25	19 54	3 33	4 36	2 4	3 6	1 26	24 36	1 20	17 1	0 47	1 17	2 12	20 28	0 36	21 29	0 41	4 40	13 49	1 5	0 29	0 16	7 44	6 24
W27	12 46	24 30	4 24	5 13	2 2	2 39	1 28	24 38	1 20	17 4	0 47	1 19	2 12	20 28	0 36	21 29	0 41	4 40	13 49	1 3	0 28	0 19	7 42	6 25
T 28	13 6	27 28	4 57	5 50	1 59	2 12	1 30	24 41	1 20	17 8	0 47	1 22	2 12	20 28	0 36	21 29	0 41	4 41	13 48	1 1	0 26	0 23	7 40	6 25
F 29	13 26	28 39	5 12	6 29	1 55	1 45	1 32	24 42	1 20	17 11	0 47	1 24	2 12	20 27	0 36	21 29	0 41	4 42	13 48	0 59	0 25	0 26	7 38	6 26
S 30	13 46	28 6	5 8	7 8	1 51	1 18	1 34	24 44	1 20	17 15	0 47	1 27	2 12	20 27	0 36	21 29	0 41	4 43	13 48	0 57	0 24	0 30	7 36	6 26
S 31	14s 6	26s 1	4s50	7s47	1n47	0n50	1n35	24s46	1s20	17s18	0n47	1s30	2n13	20s27	0s36	21n29	0s41	4s43	13n48	0n56	0n22	0n33	7n34	6s27

Julian Day Number = 2358681.5, Delta T = 14.79 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'27, Lahiri = 20°18'27Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

NOVEMBER 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 25	8♏41'58	6♒57	25♎55	2♎46	27♐12	21♏19	8♎59	1♒30	18°R45	21♏ 8	2°D21	0♈53	1♈25	23♌42	M 1
T 2	2 45 21	9°42'09	19°10	27°32	3°59	27°57	21°33	9° 6	1°31	18♋44	21°10	2♈21	0°50	1°32	23°46	T 2
W 3	2 49 18	10°42'22	1♓10	29° 9	5°12	28°42	21°46	9°13	1°32	18°44	21°13	2°23	0°47	1°38	23°50	W 3
T 4	2 53 15	11°42'36	13° 0	0♏47	6°24	29°27	21°59	9°20	1°33	18°44	21°15	2°24	0°44	1°45	23°54	T 4
F 5	2 57 11	12°42'52	24°47	2°24	7°37	0♑12	22°12	9°26	1°35	18°43	21°18	2°26	0°41	1°52	23°57	F 5
S 6	3 1 8	13°43'09	6♈35	4° 2	8°50	0°57	22°25	9°33	1°36	18°43	21°20	2°R26	0°37	1°58	24° 1	S 6
S 7	3 5 4	14°43'28	18°27	5°39	10° 3	1°43	22°39	9°39	1°37	18°42	21°22	2°24	0°34	2° 5	24° 4	S 7
M 8	3 9 1	15°43'49	0♉26	7°17	11°17	2°28	22°52	9°46	1°39	18°42	21°25	2°21	0°31	2°12	24° 8	M 8
T 9	3 12 57	16°44'11	12°35	8°54	12°30	3°14	23° 5	9°52	1°40	18°41	21°27	2°15	0°28	2°18	24°11	T 9
W10	3 16 54	17°44'35	24°55	10°31	13°43	3°59	23°18	9°59	1°42	18°40	21°30	2° 8	0°25	2°25	24°14	W10
T 11	3 20 50	18°45'00	7♊27	12° 8	14°56	4°45	23°32	10° 5	1°43	18°40	21°32	1°59	0°22	2°31	24°17	T 11
F 12	3 24 47	19°45'27	20°11	13°44	16°10	5°30	23°45	10°11	1°45	18°39	21°34	1°50	0°18	2°38	24°20	F 12
S 13	3 28 44	20°45'57	3♋ 7	15°21	17°23	6°16	23°58	10°18	1°46	18°38	21°37	1°42	0°15	2°45	24°23	S 13
S 14	3 32 40	21°46'27	16°16	16°57	18°37	7° 2	24°12	10°24	1°48	18°38	21°39	1°35	0°12	2°51	24°26	S 14
M15	3 36 37	22°47'00	29°37	18°33	19°51	7°47	24°25	10°30	1°50	18°37	21°42	1°30	0° 9	2°58	24°28	M15
T 16	3 40 33	23°47'34	13♌11	20° 9	21° 4	8°33	24°38	10°36	1°51	18°36	21°44	1°27	0° 6	3° 5	24°31	T 16
W17	3 44 30	24°48'11	26°59	21°44	22°18	9°19	24°52	10°42	1°53	18°35	21°46	1°D27	0° 2	3°11	24°34	W17
T 18	3 48 26	25°48'48	11♍ 1	23°20	23°32	10° 5	25° 5	10°48	1°55	18°34	21°49	1°28	29♓59	3°18	24°36	T 18
F 19	3 52 23	26°49'28	25°17	24°55	24°46	10°51	25°18	10°54	1°57	18°33	21°51	1°R28	29°56	3°25	24°38	F 19
S 20	3 56 19	27°50'09	9♎45	26°30	26° 0	11°37	25°32	11° 0	1°59	18°32	21°54	1°28	29°53	3°31	24°40	S 20
S 21	4 0 16	28°50'52	24°21	28° 5	27°14	12°23	25°45	11° 5	2° 1	18°32	21°56	1°26	29°50	3°38	24°42	S 21
M22	4 4 13	29°51'37	9♏ 2	29°39	28°28	13° 9	25°58	11°11	2° 3	18°31	21°58	1°21	29°47	3°45	24°44	M22
T 23	4 8 9	0♐52'23	23°39	1♐14	29°42	13°55	26°12	11°17	2° 5	18°30	22° 1	1°14	29°43	3°51	24°46	T 23
W24	4 12 6	1°53'10	8♐ 6	2°48	0♏56	14°41	26°25	11°22	2° 7	18°28	22° 3	1° 5	29°40	3°58	24°48	W24
T 25	4 16 2	2°53'59	22°16	4°23	2°10	15°28	26°38	11°28	2° 9	18°27	22° 6	0°54	29°37	4° 4	24°49	T 25
F 26	4 19 59	3°54'49	6♑ 4	5°57	3°24	16°14	26°52	11°34	2°11	18°26	22° 8	0°44	29°34	4°11	24°51	F 26
S 27	4 23 55	4°55'40	19°27	7°31	4°38	17° 0	27° 5	11°39	2°14	18°25	22°10	0°34	29°31	4°18	24°52	S 27
S 28	4 27 52	5°56'32	2♒25	9° 5	5°53	17°47	27°18	11°44	2°16	18°24	22°13	0°27	29°28	4°24	24°53	S 28
M29	4 31 49	6°57'25	15° 0	10°39	7° 7	18°33	27°32	11°50	2°18	18°23	22°15	0°22	29°24	4°31	24°54	M29
T 30	4 35 45	7♐58'18	27♒15	12♐13	8♏21	19♑20	27♏45	11♎55	2♒21	18♋22	22♏17	0♈20	29♓21	4♈38	24♌56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14 s25	22 s43	4 s17	8 s26	1n42	0n23	1n37	24 s47	1 s20	17 s22	0n47	1 s32	2n13	20 s27	0 s36	21n29	0 s41	4 s44	13n48	0n56	0n21	0n36	7n32	6 s27
T 2	14 45	18 29	3 34	9 6	1 37	0 s 5	1 38	24 48	1 20	17 26	0 47	1 35	2 13	20 26	0 36	21 29	0 41	4 45	13 47	0 56	0 20	0 40	7 30	6 28
W 3	15 3	13 36	2 42	9 46	1 32	0 32	1 40	24 48	1 20	17 29	0 47	1 37	2 13	20 26	0 36	21 29	0 41	4 45	13 47	0 57	0 19	0 43	7 29	6 29
T 4	15 22	8 17	1 44	10 25	1 26	1 0	1 41	24 49	1 20	17 32	0 46	1 40	2 13	20 26	0 36	21 29	0 41	4 46	13 47	0 57	0 17	0 47	7 27	6 29
F 5	15 41	2 43	0 42	11 4	1 20	1 28	1 42	24 49	1 20	17 36	0 46	1 42	2 13	20 25	0 36	21 29	0 41	4 47	13 47	0 58	0 16	0 50	7 25	6 30
S 6	15 59	2n58	0n23	11 43	1 14	1 56	1 43	24 49	1 20	17 39	0 46	1 45	2 13	20 25	0 36	21 29	0 41	4 48	13 47	0 58	0 15	0 54	7 23	6 30
S 7	16 17	8 34	1 26	12 22	1 8	2 23	1 44	24 48	1 20	17 43	0 46	1 47	2 14	20 25	0 36	21 30	0 41	4 48	13 47	0 57	0 14	0 57	7 22	6 31
M 8	16 34	13 55	2 26	13 0	1 1	2 51	1 45	24 47	1 20	17 46	0 46	1 49	2 14	20 24	0 36	21 30	0 41	4 49	13 47	0 56	0 12	1 1	7 20	6 32
T 9	16 52	18 49	3 20	13 37	0 55	3 19	1 46	24 46	1 20	17 50	0 46	1 52	2 14	20 24	0 36	21 30	0 41	4 50	13 47	0 54	0 11	1 4	7 18	6 32
W10	17 9	23 0	4 5	14 14	0 48	3 47	1 47	24 45	1 20	17 53	0 46	1 54	2 14	20 24	0 36	21 30	0 41	4 50	13 47	0 51	0 10	1 8	7 17	6 33
T 11	17 26	26 11	4 40	14 51	0 41	4 15	1 47	24 44	1 20	17 57	0 46	1 57	2 14	20 23	0 36	21 30	0 41	4 51	13 46	0 47	0 9	1 11	7 15	6 33
F 12	17 42	28 7	5 1	15 26	0 35	4 42	1 48	24 42	1 20	18 0	0 46	1 59	2 14	20 23	0 36	21 30	0 41	4 52	13 46	0 44	0 7	1 15	7 14	6 34
S 13	17 58	28 33	5 7	16 1	0 28	5 10	1 48	24 40	1 20	18 3	0 46	2 1	2 14	20 23	0 36	21 30	0 41	4 52	13 46	0 40	0 6	1 18	7 12	6 35
S 14	18 14	27 24	4 57	16 35	0 21	5 38	1 49	24 37	1 20	18 7	0 46	2 3	2 15	20 22	0 36	21 30	0 41	4 53	13 46	0 38	0 5	1 21	7 11	6 35
M15	18 30	24 41	4 31	17 9	0 14	6 5	1 49	24 35	1 20	18 10	0 46	2 6	2 15	20 22	0 36	21 30	0 41	4 54	13 46	0 36	0 4	1 25	7 9	6 36
T 16	18 45	20 33	3 50	17 41	0 7	6 33	1 49	24 32	1 20	18 13	0 46	2 8	2 15	20 21	0 36	21 30	0 41	4 54	13 46	0 35	0 2	1 28	7 8	6 36
W17	19 0	15 16	2 54	18 13	0 1	7 0	1 49	24 29	1 20	18 17	0 46	2 10	2 15	20 21	0 36	21 30	0 41	4 55	13 46	0 35	0 1	1 32	7 6	6 37
T 18	19 14	9 6	1 48	18 44	0 s 6	7 27	1 49	24 25	1 20	18 20	0 45	2 12	2 15	20 21	0 36	21 30	0 41	4 55	13 46	0 35	0 s 0	1 35	7 5	6 38
F 19	19 29	2 23	0 33	19 14	0 13	7 54	1 49	24 21	1 20	18 23	0 45	2 14	2 16	20 20	0 36	21 31	0 41	4 56	13 46	0 35	0 2	1 39	7 4	6 38
S 20	19 42	4 s33	0 s44	19 43	0 19	8 21	1 49	24 17	1 20	18 26	0 45	2 17	2 16	20 20	0 36	21 31	0 41	4 57	13 46	0 35	0 3	1 42	7 2	6 39
S 21	19 56	11 18	1 59	20 11	0 26	8 48	1 49	24 13	1 20	18 30	0 45	2 19	2 16	20 19	0 36	21 31	0 41	4 57	13 46	0 34	0 4	1 46	7 1	6 40
M22	20 9	17 29	3 7	20 38	0 32	9 15	1 49	24 9	1 20	18 33	0 45	2 21	2 16	20 19	0 36	21 31	0 41	4 58	13 46	0 32	0 5	1 49	7 0	6 40
T 23	20 22	22 37	4 2	21 4	0 39	9 41	1 48	24 4	1 19	18 36	0 45	2 23	2 16	20 18	0 36	21 31	0 41	4 58	13 46	0 30	0 7	1 52	6 59	6 41
W24	20 34	26 18	4 40	21 29	0 45	10 8	1 48	23 59	1 19	18 39	0 45	2 25	2 16	20 18	0 36	21 31	0 41	4 59	13 46	0 26	0 8	1 56	6 58	6 42
T 25	20 46	28 15	5 0	21 53	0 51	10 34	1 47	23 53	1 19	18 42	0 45	2 27	2 17	20 17	0 36	21 31	0 41	4 59	13 46	0 22	0 9	1 59	6 57	6 42
F 26	20 58	28 22	5 2	22 16	0 57	11 0	1 47	23 48	1 19	18 45	0 45	2 29	2 17	20 17	0 36	21 31	0 41	5 0	13 46	0 17	0 10	2 3	6 55	6 43
S 27	21 9	26 48	4 48	22 38	1 3	11 25	1 46	23 42	1 19	18 48	0 45	2 31	2 17	20 16	0 36	21 32	0 41	5 1	13 46	0 14	0 12	2 6	6 54	6 43
S 28	21 20	23 50	4 18	22 59	1 9	11 51	1 45	23 36	1 19	18 52	0 45	2 33	2 17	20 16	0 36	21 32	0 41	5 1	13 46	0 11	0 13	2 10	6 53	6 44
M29	21 30	19 49	3 37	23 18	1 14	12 16	1 45	23 29	1 19	18 55	0 45	2 34	2 17	20 15	0 36	21 32	0 41	5 2	13 46	0 9	0 14	2 13	6 52	6 45
T 30	21 s40	15 s 3	2 s47	23 s37	1 s20	12 s41	1n44	23 s22	1 s18	18 s58	0n45	2 s36	2n18	20 s15	0 s35	21n32	0 s41	5 s 2	13n46	0n 8	0 s15	2n17	6n51	6 s45

Julian Day Number = 2358712.5, Delta T = 14.81 sec
Ecliptic obliquity = 23°28'30, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'31, Lahiri = 20°18'31Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1745
geocentric

DECEMBER 1745 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 42	8♐59'13	9♓15	13♐47	9♏36	20♑ 6	27♏58	12♎ 0	2♒23	18°R21	22♏20	0°D19	29♓18	4♈44	24♌56	W 1
T 2	4 43 38	10° 0'08	21° 6	15°21	10°50	20°53	28°11	12° 5	2°25	18♋19	22°22	0♈19	29°15	4°51	24°57	T 2
F 3	4 47 35	11° 1'03	2♈53	16°55	12° 5	21°39	28°25	12°10	2°28	18°18	22°24	0°R19	29°12	4°58	24°58	F 3
S 4	4 51 31	12° 2'00	14°42	18°29	13°19	22°26	28°38	12°15	2°30	18°17	22°27	0°18	29° 8	5° 4	24°58	S 4
S 5	4 55 28	13° 2'57	26°37	20° 3	14°34	23°13	28°51	12°20	2°33	18°15	22°29	0°15	29° 5	5°11	24°59	S 5
M 6	4 59 24	14° 3'55	8♉43	21°36	15°48	23°59	29° 4	12°24	2°36	18°14	22°31	0° 9	29° 2	5°18	24°59	M 6
T 7	5 3 21	15° 4'54	21° 2	23°10	17° 3	24°46	29°17	12°29	2°38	18°13	22°34	0° 1	28°59	5°24	24°59	T 7
W 8	5 7 18	16° 5'54	3♊37	24°44	18°17	25°33	29°30	12°34	2°41	18°11	22°36	29♓50	28°56	5°31	25° 0	W 8
T 9	5 11 14	17° 6'54	16°28	26°18	19°32	26°19	29°43	12°38	2°43	18°10	22°38	29°37	28°53	5°38	25°R 0	T 9
F 10	5 15 11	18° 7'56	29°34	27°52	20°47	27° 6	29°56	12°43	2°46	18° 9	22°40	29°23	28°49	5°44	25° 0	F 10
S 11	5 19 7	19° 8'58	12♋54	29°26	22° 1	27°53	0♐ 9	12°47	2°49	18° 7	22°42	29°11	28°46	5°51	24°59	S 11
S 12	5 23 4	20°10'01	26°25	1♉ 1	23°16	28°40	0°22	12°51	2°52	18° 6	22°45	29° 0	28°43	5°57	24°59	S 12
M13	5 27 0	21°11'04	10♌ 6	2°34	24°31	29°27	0°35	12°55	2°54	18° 4	22°47	28°52	28°40	6° 4	24°59	M13
T 14	5 30 57	22°12'09	23°54	4° 8	25°45	0♒14	0°48	12°59	2°57	18° 3	22°49	28°47	28°37	6°11	24°58	T 14
W15	5 34 53	23°13'14	7♍47	5°42	27° 0	1° 0	1° 1	13° 3	3° 0	18° 1	22°51	28°44	28°34	6°17	24°57	W15
T 16	5 38 50	24°14'20	21°47	7°16	28°15	1°47	1°14	13° 7	3° 3	18° 0	22°53	28°44	28°30	6°24	24°56	T 16
F 17	5 42 47	25°15'27	5♎51	8°49	29°30	2°34	1°27	13°11	3° 6	17°58	22°55	28°44	28°27	6°31	24°56	F 17
S 18	5 46 43	26°16'35	20° 0	10°22	0♐45	3°21	1°40	13°15	3° 9	17°57	22°58	28°43	28°24	6°37	24°55	S 18
S 19	5 50 40	27°17'44	4♏13	11°55	2° 0	4° 8	1°52	13°19	3°12	17°55	23° 0	28°40	28°21	6°44	24°53	S 19
M20	5 54 36	28°18'53	18°26	13°27	3°15	4°55	2° 5	13°22	3°15	17°54	23° 2	28°34	28°18	6°51	24°52	M20
T 21	5 58 33	29°20'03	2♐36	14°59	4°29	5°42	2°18	13°26	3°18	17°52	23° 4	28°24	28°14	6°57	24°51	T 21
W22	6 2 29	0♑21'13	16°39	16°29	5°44	6°29	2°30	13°29	3°21	17°50	23° 6	28°13	28°11	7° 4	24°49	W22
T 23	6 6 26	1°22'24	0♑30	17°59	6°59	7°17	2°43	13°32	3°24	17°49	23° 8	28° 0	28° 8	7°11	24°48	T 23
F 24	6 10 22	2°23'35	14° 4	19°28	8°14	8° 4	2°55	13°35	3°27	17°47	23°10	27°46	28° 5	7°17	24°46	F 24
S 25	6 14 19	3°24'47	27°19	20°55	9°29	8°51	3° 8	13°39	3°30	17°46	23°12	27°34	28° 2	7°24	24°44	S 25
S 26	6 18 16	4°25'58	10♒12	22°20	10°44	9°38	3°20	13°42	3°34	17°44	23°14	27°24	27°59	7°31	24°43	S 26
M27	6 22 12	5°27'09	22°45	23°43	11°59	10°25	3°33	13°44	3°37	17°42	23°16	27°17	27°55	7°37	24°41	M27
T 28	6 26 9	6°28'20	5♓ 0	25° 4	13°14	11°12	3°45	13°47	3°40	17°41	23°18	27°13	27°52	7°44	24°39	T 28
W29	6 30 5	7°29'31	17° 1	26°22	14°29	11°59	3°57	13°50	3°43	17°39	23°19	27°11	27°49	7°50	24°36	W29
T 30	6 34 2	8°30'42	28°53	27°36	15°44	12°47	4° 9	13°52	3°46	17°37	23°21	27°D11	27°46	7°57	24°34	T 30
F 31	6 37 58	9♑31'52	10♈41	28♑46	16♐59	13♒34	4♐21	13♎55	3♒50	17♋36	23♏23	27°R11	27♓43	8♈ 4	24♌32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s50	9s49	1s50	23s54	1s25	13s 5	1n43	23s15	1s18	19s 1	0n45	2s38	2n18	20s14	0s35	21n32	0s41	5s 3	13n46	0n 8	0s17	2n20	6n51	6s46
T 2	21 59	4 17	0 49	24 10	1 30	13 29	1 42	23 8	1 18	19 4	0 45	2 40	2 18	20 13	0 35	21 32	0 41	5 3	13 46	0 8	0 18	2 24	6 50	6 47
F 3	22 8	1n21	0n14	24 24	1 35	13 53	1 40	23 1	1 18	19 7	0 45	2 42	2 18	20 13	0 35	21 33	0 41	5 3	13 46	0 8	0 19	2 27	6 49	6 47
S 4	22 16	6 58	1 16	24 38	1 40	14 17	1 39	22 53	1 18	19 10	0 45	2 43	2 19	20 12	0 35	21 33	0 41	5 4	13 47	0 7	0 21	2 30	6 48	6 48
S 5	22 24	12 23	2 15	24 50	1 44	14 40	1 38	22 45	1 17	19 12	0 45	2 45	2 19	20 12	0 35	21 33	0 41	5 4	13 47	0 6	0 22	2 34	6 47	6 49
M 6	22 31	17 24	3 9	25 0	1 48	15 3	1 37	22 37	1 17	19 15	0 45	2 47	2 19	20 11	0 35	21 33	0 41	5 5	13 47	0 4	0 23	2 37	6 47	6 49
T 7	22 38	21 49	3 55	25 10	1 52	15 26	1 35	22 28	1 17	19 18	0 44	2 48	2 19	20 10	0 35	21 33	0 41	5 5	13 47	0 0	0 24	2 41	6 46	6 50
W 8	22 45	25 20	4 30	25 18	1 56	15 48	1 34	22 19	1 17	19 21	0 44	2 50	2 19	20 10	0 35	21 33	0 41	5 6	13 47	0s 4	0 26	2 44	6 45	6 50
T 9	22 51	27 38	4 53	25 24	1 59	16 10	1 32	22 10	1 17	19 24	0 44	2 51	2 20	20 9	0 35	21 34	0 41	5 6	13 47	0 9	0 27	2 48	6 45	6 51
F 10	22 57	28 29	5 0	25 30	2 2	16 31	1 31	22 1	1 16	19 27	0 44	2 53	2 20	20 9	0 35	21 34	0 41	5 7	13 47	0 15	0 28	2 51	6 44	6 52
S 11	23 2	27 41	4 52	25 33	2 5	16 52	1 29	21 51	1 16	19 29	0 44	2 54	2 20	20 8	0 35	21 34	0 41	5 7	13 47	0 20	0 29	2 55	6 44	6 52
S 12	23 7	25 16	4 27	25 36	2 7	17 12	1 27	21 42	1 16	19 32	0 44	2 56	2 20	20 7	0 35	21 34	0 41	5 7	13 47	0 24	0 31	2 58	6 43	6 53
M13	23 11	21 23	3 47	25 36	2 9	17 32	1 26	21 32	1 16	19 35	0 44	2 57	2 21	20 7	0 35	21 34	0 41	5 8	13 48	0 27	0 32	3 1	6 43	6 54
T 14	23 15	16 18	2 53	25 36	2 11	17 52	1 24	21 21	1 15	19 38	0 44	2 58	2 21	20 6	0 35	21 35	0 41	5 8	13 48	0 29	0 33	3 5	6 42	6 54
W15	23 18	10 20	1 48	25 33	2 12	18 11	1 22	21 11	1 15	19 40	0 44	3 0	2 21	20 5	0 35	21 35	0 41	5 8	13 48	0 30	0 34	3 8	6 42	6 55
T 16	23 21	3 50	0 37	25 30	2 13	18 30	1 20	21 0	1 15	19 43	0 44	3 1	2 21	20 5	0 35	21 35	0 41	5 9	13 48	0 30	0 36	3 12	6 42	6 55
F 17	23 23	2s54	0s38	25 24	2 14	18 48	1 18	20 49	1 14	19 46	0 44	3 2	2 22	20 4	0 35	21 35	0 41	5 9	13 48	0 30	0 37	3 15	6 41	6 56
S 18	23 25	9 32	1 50	25 17	2 14	19 6	1 16	20 38	1 14	19 48	0 44	3 4	2 22	20 3	0 35	21 35	0 41	5 9	13 48	0 31	0 38	3 19	6 41	6 57
S 19	23 27	15 42	2 56	25 9	2 13	19 23	1 14	20 27	1 14	19 51	0 44	3 5	2 22	20 2	0 35	21 36	0 41	5 10	13 49	0 32	0 40	3 22	6 41	6 57
M20	23 28	21 1	3 50	24 59	2 12	19 39	1 12	20 15	1 13	19 53	0 44	3 6	2 22	20 2	0 35	21 36	0 41	5 10	13 49	0 34	0 41	3 26	6 41	6 58
T 21	23 28	25 8	4 31	24 47	2 10	19 56	1 10	20 3	1 13	19 56	0 44	3 7	2 23	20 1	0 35	21 36	0 41	5 10	13 49	0 38	0 42	3 29	6 41	6 58
W22	23 28	27 41	4 54	24 34	2 8	20 11	1 8	19 51	1 13	19 58	0 44	3 8	2 23	20 0	0 35	21 36	0 41	5 10	13 49	0 43	0 43	3 32	6 41	6 59
T 23	23 28	28 28	5 0	24 20	2 5	20 26	1 5	19 39	1 12	20 1	0 44	3 9	2 23	20 0	0 35	21 36	0 41	5 11	13 50	0 48	0 45	3 36	6 41	6 59
F 24	23 27	27 30	4 48	24 4	2 2	20 40	1 3	19 26	1 12	20 3	0 44	3 10	2 23	19 59	0 35	21 37	0 41	5 11	13 50	0 53	0 46	3 39	6 41	7 0
S 25	23 26	25 0	4 21	23 47	1 57	20 54	1 1	19 14	1 12	20 6	0 44	3 11	2 24	19 58	0 35	21 37	0 41	5 11	13 50	0 58	0 47	3 43	6 41	7 0
S 26	23 24	21 16	3 41	23 28	1 52	21 7	0 59	19 1	1 11	20 8	0 44	3 12	2 24	19 57	0 35	21 37	0 41	5 11	13 50	1 2	0 48	3 46	6 41	7 1
M27	23 22	16 39	2 51	23 8	1 46	21 20	0 56	18 48	1 11	20 10	0 44	3 13	2 24	19 57	0 35	21 37	0 41	5 12	13 50	1 5	0 50	3 50	6 41	7 1
T 28	23 19	11 28	1 55	22 47	1 39	21 32	0 54	18 34	1 11	20 13	0 44	3 14	2 25	19 56	0 35	21 38	0 41	5 12	13 51	1 7	0 51	3 53	6 41	7 2
W29	23 16	5 57	0 54	22 25	1 32	21 43	0 51	18 21	1 10	20 15	0 44	3 14	2 25	19 55	0 35	21 38	0 41	5 12	13 51	1 7	0 52	3 56	6 42	7 3
T 30	23 12	0 18	0n 9	22 2	1 23	21 54	0 49	18 7	1 10	20 17	0 44	3 15	2 25	19 54	0 35	21 38	0 41	5 12	13 51	1 7	0 53	4 0	6 42	7 3
F 31	23s 8	5n19	1n11	21s38	1s13	22s 4	0n47	17s53	1s10	20s20	0n44	3s16	2n25	19s54	0s35	21n38	0s41	5s12	13n51	1s 7	0s55	4n 3	6n42	7s 4

Julian Day Number = 2358742.5, Delta T = 14.84 sec
Ecliptic obliquity = 23°28'29, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°11'35, Lahiri = 20°18'36Greg. Calendar