Astrodienst Ephemeris Tables

for the year 1739

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 1739
geocentric

JANUARY 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 42	10♑13'49	15♍12	27♑ 7	6°R48	5°R40	20♈52	6°R24	6♑35	1°R30	5♏45	11♌35	13♌ 4	23♊28	6°R 8	T 1
F 2	6 44 39	11°14'59	28° 1	28°35	6♒42	5♊33	20°55	6♋19	6°39	1♋28	5°46	11°37	13° 0	23°34	6♊ 5	F 2
S 3	6 48 35	12°16'08	11♎12	0♒ 0	6°32	5°27	20°59	6°14	6°42	1°26	5°47	11°R37	12°57	23°41	6° 2	S 3
S 4	6 52 32	13°17'18	24°47	1°24	6°21	5°22	21° 3	6° 9	6°46	1°25	5°49	11°37	12°54	23°48	6° 0	S 4
M 5	6 56 28	14°18'28	8♏47	2°44	6° 6	5°17	21° 7	6° 4	6°49	1°23	5°50	11°35	12°51	23°55	5°57	M 5
T 6	7 0 25	15°19'38	23°12	4° 0	5°50	5°13	21°11	5°59	6°53	1°21	5°51	11°32	12°48	24° 1	5°54	T 6
W 7	7 4 21	16°20'48	7♐59	5°12	5°31	5°10	21°15	5°54	6°57	1°20	5°52	11°29	12°44	24° 8	5°52	W 7
T 8	7 8 18	17°21'59	23° 1	6°20	5° 9	5° 8	21°20	5°50	7° 0	1°18	5°53	11°25	12°41	24°15	5°49	T 8
F 9	7 12 15	18°23'09	8♑11	7°22	4°46	5° 7	21°25	5°45	7° 4	1°17	5°54	11°22	12°38	24°21	5°47	F 9
S 10	7 16 11	19°24'18	23°18	8°17	4°20	5°D 6	21°30	5°40	7° 7	1°15	5°55	11°20	12°35	24°28	5°45	S 10
S 11	7 20 8	20°25'27	8♒13	9° 5	3°52	5° 6	21°35	5°35	7°11	1°13	5°56	11°D19	12°32	24°35	5°42	S 11
M12	7 24 4	21°26'36	22°49	9°45	3°23	5° 7	21°40	5°31	7°14	1°12	5°57	11°19	12°29	24°41	5°40	M12
T 13	7 28 1	22°27'44	6♓59	10°16	2°52	5° 9	21°45	5°26	7°18	1°10	5°58	11°21	12°25	24°48	5°38	T 13
W14	7 31 57	23°28'51	20°42	10°37	2°19	5°11	21°51	5°21	7°21	1° 9	5°59	11°22	12°22	24°55	5°36	W14
T 15	7 35 54	24°29'57	3♈58	10°R47	1°45	5°15	21°57	5°17	7°25	1° 7	6° 0	11°23	12°19	25° 1	5°34	T 15
F 16	7 39 50	25°31'02	16°50	10°46	1°10	5°19	22° 3	5°12	7°28	1° 6	6° 1	11°24	12°16	25° 8	5°32	F 16
S 17	7 43 47	26°32'07	29°21	10°34	0°34	5°23	22° 9	5° 8	7°32	1° 4	6° 2	11°R24	12°13	25°15	5°30	S 17
S 18	7 47 44	27°33'10	11♉35	10° 9	29♑57	5°29	22°15	5° 4	7°35	1° 3	6° 3	11°24	12° 9	25°22	5°28	S 18
M19	7 51 40	28°34'13	23°37	9°34	29°20	5°35	22°22	4°59	7°39	1° 1	6° 3	11°23	12° 6	25°28	5°27	M19
T 20	7 55 37	29°35'14	5♊32	8°48	28°43	5°41	22°29	4°55	7°42	1° 0	6° 4	11°21	12° 3	25°35	5°25	T 20
W21	7 59 33	0♒36'15	17°22	7°52	28° 6	5°49	22°35	4°51	7°45	0°58	6° 5	11°19	12° 0	25°42	5°23	W21
T 22	8 3 30	1°37'14	29°12	6°48	27°30	5°57	22°42	4°47	7°49	0°57	6° 5	11°18	11°57	25°48	5°22	T 22
F 23	8 7 26	2°38'13	11♋ 4	5°39	26°54	6° 6	22°50	4°42	7°52	0°55	6° 6	11°16	11°54	25°55	5°20	F 23
S 24	8 11 23	3°39'11	23° 1	4°25	26°19	6°15	22°57	4°38	7°55	0°54	6° 6	11°16	11°50	26° 2	5°19	S 24
S 25	8 15 19	4°40'08	5♌ 5	3° 9	25°45	6°25	23° 4	4°34	7°59	0°53	6° 7	11°15	11°47	26° 8	5°18	S 25
M26	8 19 16	5°41'03	17°18	1°54	25°13	6°35	23°12	4°31	8° 2	0°51	6° 7	11°D15	11°44	26°15	5°16	M26
T 27	8 23 13	6°41'58	29°41	0°42	24°42	6°46	23°20	4°27	8° 5	0°50	6° 8	11°15	11°41	26°22	5°15	T 27
W28	8 27 9	7°42'52	12♍15	29♑34	24°13	6°58	23°28	4°23	8° 9	0°49	6° 8	11°16	11°38	26°28	5°14	W28
T 29	8 31 6	8°43'45	25° 2	28°32	23°46	7°10	23°36	4°19	8°12	0°47	6° 9	11°16	11°35	26°35	5°13	T 29
F 30	8 35 2	9°44'37	8♎ 3	27°37	23°21	7°23	23°44	4°16	8°15	0°46	6° 9	11°16	11°31	26°42	5°12	F 30
S 31	8 38 59	10♒45'28	21♎21	26♑49	22♑58	7♊36	23♈52	4♋12	8♑18	0♋45	6♏ 9	11♌17	11♌28	26♊48	5♊11	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	23 s 5	8n31	2n54	22 s32	1 s49	16 s39	2n 1	24n 0	2n46	6n59	1 s16	22n37	0 s42	23 s36	0 s18	22n21	1 s 7	1n52	16n13	17n20	16n55	19n24	16n30	4 s56
F 2	23 0	4 16	3 48	22 9	1 43	16 26	2 15	23 59	2 46	7 0	1 16	22 37	0 42	23 36	0 18	22 21	1 7	1 52	16 13	17 19	16 56	19 24	16 29	4 56
S 3	22 54	0 s17	4 31	21 44	1 36	16 14	2 30	23 58	2 47	7 2	1 16	22 37	0 42	23 36	0 18	22 21	1 7	1 52	16 14	17 19	16 57	19 25	16 29	4 56
S 4	22 48	4 57	5 1	21 19	1 28	16 2	2 45	23 57	2 47	7 4	1 15	22 38	0 42	23 36	0 18	22 21	1 7	1 52	16 14	17 19	16 58	19 26	16 29	4 56
M 5	22 42	9 29	5 14	20 52	1 20	15 51	3 1	23 57	2 47	7 5	1 15	22 38	0 42	23 36	0 18	22 21	1 7	1 52	16 15	17 20	16 59	19 27	16 28	4 56
T 6	22 35	13 38	5 8	20 25	1 10	15 40	3 16	23 56	2 47	7 7	1 15	22 38	0 42	23 35	0 18	22 21	1 7	1 53	16 15	17 21	17 0	19 28	16 28	4 56
W 7	22 28	17 2	4 41	19 57	1 0	15 30	3 32	23 56	2 47	7 9	1 14	22 39	0 42	23 35	0 18	22 21	1 7	1 53	16 16	17 22	17 1	19 29	16 28	4 56
T 8	22 21	19 22	3 55	19 29	0 48	15 20	3 47	23 55	2 47	7 11	1 14	22 39	0 42	23 35	0 18	22 21	1 7	1 53	16 16	17 23	17 1	19 30	16 27	4 55
F 9	22 12	20 21	2 53	19 2	0 36	15 10	4 2	23 55	2 47	7 13	1 14	22 39	0 42	23 35	0 18	22 21	1 7	1 53	16 17	17 24	17 2	19 31	16 27	4 55
S 10	22 4	19 51	1 38	18 34	0 22	15 2	4 18	23 55	2 47	7 15	1 14	22 40	0 41	23 35	0 18	22 21	1 7	1 53	16 17	17 24	17 3	19 31	16 27	4 55
S 11	21 55	17 58	0 17	18 8	0 7	14 53	4 33	23 55	2 47	7 17	1 13	22 40	0 41	23 34	0 18	22 21	1 7	1 53	16 18	17 24	17 4	19 32	16 27	4 55
M12	21 46	14 55	1 s 3	17 42	0n 8	14 46	4 48	23 55	2 47	7 20	1 13	22 40	0 41	23 34	0 18	22 21	1 7	1 53	16 18	17 24	17 5	19 33	16 27	4 55
T 13	21 36	11 5	2 17	17 18	0 24	14 38	5 2	23 55	2 46	7 22	1 13	22 41	0 41	23 34	0 18	22 21	1 7	1 54	16 19	17 24	17 6	19 34	16 26	4 55
W14	21 26	6 46	3 21	16 56	0 42	14 32	5 16	23 55	2 46	7 24	1 12	22 41	0 41	23 34	0 18	22 21	1 7	1 54	16 19	17 24	17 7	19 35	16 26	4 54
T 15	21 15	2 16	4 12	16 36	0 59	14 26	5 30	23 55	2 46	7 27	1 12	22 41	0 41	23 34	0 18	22 21	1 7	1 54	16 20	17 23	17 8	19 36	16 26	4 54
F 16	21 4	2n11	4 48	16 19	1 18	14 20	5 43	23 56	2 46	7 29	1 12	22 42	0 41	23 34	0 18	22 21	1 7	1 54	16 20	17 23	17 9	19 37	16 26	4 54
S 17	20 53	6 26	5 10	16 4	1 36	14 15	5 56	23 56	2 45	7 32	1 12	22 42	0 40	23 33	0 18	22 21	1 7	1 54	16 21	17 23	17 9	19 37	16 26	4 54
S 18	20 41	10 18	5 17	15 53	1 54	14 11	6 8	23 57	2 45	7 34	1 11	22 42	0 40	23 33	0 18	22 21	1 7	1 55	16 21	17 23	17 10	19 38	16 26	4 54
M19	20 28	13 42	5 9	15 45	2 12	14 8	6 20	23 58	2 45	7 37	1 11	22 42	0 40	23 33	0 18	22 21	1 7	1 55	16 22	17 23	17 11	19 39	16 25	4 53
T 20	20 16	16 31	4 49	15 41	2 29	14 4	6 30	23 59	2 44	7 40	1 11	22 43	0 40	23 33	0 18	22 21	1 7	1 55	16 22	17 24	17 12	19 40	16 25	4 53
W21	20 3	18 37	4 16	15 40	2 45	14 2	6 40	24 0	2 44	7 43	1 10	22 43	0 40	23 33	0 18	22 21	1 7	1 56	16 23	17 24	17 13	19 41	16 25	4 53
T 22	19 50	19 55	3 33	15 42	2 59	14 0	6 49	24 1	2 44	7 46	1 10	22 43	0 40	23 32	0 18	22 21	1 7	1 56	16 23	17 25	17 14	19 42	16 25	4 53
F 23	19 36	20 21	2 40	15 47	3 11	13 59	6 57	24 2	2 43	7 48	1 10	22 44	0 40	23 32	0 18	22 21	1 7	1 56	16 24	17 25	17 15	19 42	16 25	4 53
S 24	19 22	19 52	1 40	15 55	3 21	13 58	7 5	24 3	2 43	7 51	1 10	22 44	0 40	23 32	0 18	22 21	1 7	1 57	16 24	17 25	17 16	19 43	16 25	4 52
S 25	19 7	18 28	0 34	16 5	3 29	13 57	7 11	24 4	2 42	7 54	1 9	22 44	0 39	23 32	0 18	22 22	1 7	1 57	16 25	17 25	17 17	19 44	16 25	4 52
M26	18 53	16 12	0n34	16 17	3 34	13 57	7 17	24 6	2 42	7 58	1 9	22 44	0 39	23 32	0 18	22 22	1 7	1 57	16 25	17 25	17 17	19 45	16 25	4 52
T 27	18 37	13 10	1 41	16 30	3 37	13 58	7 22	24 7	2 41	8 1	1 9	22 45	0 39	23 32	0 18	22 22	1 7	1 58	16 26	17 25	17 18	19 46	16 25	4 52
W28	18 22	9 30	2 44	16 44	3 37	13 59	7 26	24 9	2 41	8 4	1 8	22 45	0 39	23 31	0 18	22 22	1 7	1 58	16 26	17 25	17 19	19 46	16 25	4 51
T 29	18 6	5 20	3 40	16 58	3 35	14 0	7 29	24 10	2 40	8 7	1 8	22 45	0 39	23 31	0 18	22 22	1 6	1 58	16 27	17 25	17 20	19 47	16 25	4 51
F 30	17 50	0 52	4 26	17 13	3 31	14 2	7 31	24 12	2 40	8 10	1 8	22 46	0 39	23 31	0 18	22 22	1 6	1 59	16 27	17 25	17 21	19 48	16 25	4 51
S 31	17 s34	3 s43	4n59	17 s28	3n25	14 s 4	7n32	24n13	2n39	8n14	1 s 8	22n46	0 s38	23 s31	0 s18	22n22	1 s 6	1n59	16n28	17n25	17n22	19n49	16n25	4 s51

Julian Day Number = 2356216.5, Delta T = 13.01 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'48, Lahiri = 20°12'48Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

FEBRUARY 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 55	11♒46'19	4♏55	26°R10	22°R38	7♊50	24♈ 1	4°R 9	8♑21	0°R44	6♏10	11♌17	11♌25	26♊55	5°R10	S 1
M 2	8 46 52	12°47'08	18°47	25♑40	22♑20	8° 4	24° 9	4♋ 6	8°24	0♋43	6°10	11°17	11°22	27° 2	5♊10	M 2
T 3	8 50 48	13°47'57	2♐56	25°18	22° 4	8°19	24°18	4° 2	8°28	0°41	6°10	11°17	11°19	27° 8	5° 9	T 3
W 4	8 54 45	14°48'45	17°21	25° 4	21°51	8°35	24°27	3°59	8°31	0°40	6°10	11°17	11°15	27°15	5° 9	W 4
T 5	8 58 42	15°49'31	1♑58	24°D58	21°40	8°50	24°36	3°56	8°34	0°39	6°10	11°17	11°12	27°22	5° 8	T 5
F 6	9 2 38	16°50'17	16°43	25° 0	21°31	9° 7	24°45	3°53	8°37	0°38	6°10	11°18	11° 9	27°29	5° 8	F 6
S 7	9 6 35	17°51'02	1♒29	25° 8	21°26	9°23	24°55	3°50	8°40	0°37	6°10	11°18	11° 6	27°35	5° 7	S 7
S 8	9 10 31	18°51'45	16° 9	25°23	21°22	9°40	25° 4	3°48	8°43	0°36	6°R10	11°R18	11° 3	27°42	5° 7	S 8
M 9	9 14 28	19°52'27	0♓36	25°44	21°D21	9°58	25°14	3°45	8°46	0°35	6°10	11°18	11° 0	27°49	5° 7	M 9
T 10	9 18 24	20°53'08	14°45	26°11	21°23	10°16	25°23	3°42	8°48	0°34	6°10	11°17	10°56	27°55	5° 7	T 10
W11	9 22 21	21°53'46	28°32	26°43	21°27	10°35	25°33	3°40	8°51	0°33	6°10	11°16	10°53	28° 2	5°D 7	W11
T 12	9 26 17	22°54'23	11♈54	27°20	21°33	10°53	25°43	3°37	8°54	0°32	6°10	11°14	10°50	28° 9	5° 7	T 12
F 13	9 30 14	23°54'59	24°52	28° 1	21°42	11°13	25°53	3°35	8°57	0°31	6°10	11°13	10°47	28°15	5° 7	F 13
S 14	9 34 11	24°55'33	7♉29	28°46	21°52	11°32	26° 3	3°33	9° 0	0°30	6°10	11°11	10°44	28°22	5° 7	S 14
S 15	9 38 7	25°56'05	19°47	29°35	22° 5	11°52	26°14	3°31	9° 3	0°30	6° 9	11°11	10°41	28°29	5° 7	S 15
M16	9 42 4	26°56'35	1♊51	0♒27	22°20	12°13	26°24	3°29	9° 5	0°29	6° 9	11°D11	10°37	28°35	5° 8	M16
T 17	9 46 0	27°57'03	13°45	1°22	22°37	12°33	26°35	3°27	9° 8	0°28	6° 9	11°11	10°34	28°42	5° 8	T 17
W18	9 49 57	28°57'29	25°35	2°21	22°56	12°54	26°45	3°25	9°11	0°27	6° 8	11°13	10°31	28°49	5° 9	W18
T 19	9 53 53	29°57'54	7♋25	3°22	23°17	13°16	26°56	3°24	9°13	0°27	6° 8	11°14	10°28	28°55	5° 9	T 19
F 20	9 57 50	0♓58'17	19°20	4°25	23°39	13°38	27° 7	3°22	9°16	0°26	6° 8	11°16	10°25	29° 2	5°10	F 20
S 21	10 1 46	1°58'38	1♌22	5°31	24° 4	14° 0	27°18	3°21	9°18	0°25	6° 7	11°17	10°21	29° 9	5°11	S 21
S 22	10 5 43	2°58'57	13°35	6°39	24°30	14°22	27°29	3°19	9°21	0°25	6° 7	11°R17	10°18	29°15	5°11	S 22
M23	10 9 40	3°59'14	26° 2	7°49	24°58	14°45	27°40	3°18	9°23	0°24	6° 6	11°16	10°15	29°22	5°12	M23
T 24	10 13 36	4°59'29	8♍43	9° 1	25°27	15° 8	27°51	3°17	9°26	0°24	6° 6	11°14	10°12	29°29	5°13	T 24
W25	10 17 33	5°59'43	21°39	10°15	25°58	15°31	28° 3	3°16	9°28	0°23	6° 5	11°11	10° 9	29°35	5°14	W25
T 26	10 21 29	6°59'55	4♎49	11°31	26°31	15°55	28°14	3°15	9°30	0°23	6° 4	11° 7	10° 6	29°42	5°15	T 26
F 27	10 25 26	8° 0'05	18°13	12°48	27° 5	16°19	28°25	3°14	9°33	0°22	6° 4	11° 3	10° 2	29°49	5°16	F 27
S 28	10 29 22	9♓ 0'14	1♏50	14♒ 7	27♑40	16♊43	28♈37	3♋14	9♑35	0♋22	6♏ 3	10♌59	9♌59	29♊55	5♊18	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
S 1	17s17	8s13	5n16	17s42	3n18	14s 7	7n33	24n15	2n39	8n17	1s 7	22n46	0s38	23s31	0s18	22n22	1s 6	2n 0	16n29	17n25	17n23	19n50	16n26	4s50
M 2	17 0	12 23	5 15	17 56	3 9	14 10	7 33	24 17	2 38	8 20	1 7	22 46	0 38	23 30	0 18	22 22	1 6	2 0	16 29	17 25	17 24	19 50	16 26	4 50
T 3	16 42	15 56	4 55	18 10	3 0	14 13	7 32	24 19	2 38	8 24	1 7	22 47	0 38	23 30	0 18	22 22	1 6	2 0	16 30	17 25	17 24	19 51	16 26	4 50
W 4	16 25	18 36	4 17	18 22	2 49	14 16	7 31	24 21	2 37	8 27	1 7	22 47	0 38	23 30	0 18	22 22	1 6	2 1	16 30	17 25	17 25	19 52	16 26	4 50
T 5	16 7	20 6	3 22	18 34	2 38	14 20	7 29	24 23	2 36	8 31	1 6	22 47	0 38	23 30	0 18	22 22	1 6	2 1	16 31	17 25	17 26	19 53	16 26	4 50
F 6	15 49	20 14	2 12	18 45	2 27	14 24	7 27	24 25	2 36	8 34	1 6	22 47	0 38	23 30	0 18	22 22	1 6	2 2	16 31	17 25	17 27	19 53	16 26	4 49
S 7	15 30	18 58	0 54	18 55	2 15	14 28	7 23	24 27	2 35	8 38	1 6	22 48	0 37	23 30	0 18	22 22	1 6	2 2	16 32	17 25	17 28	19 54	16 26	4 49
S 8	15 11	16 27	0s27	19 4	2 3	14 32	7 20	24 29	2 35	8 42	1 6	22 48	0 37	23 29	0 18	22 22	1 6	2 3	16 32	17 25	17 29	19 55	16 27	4 49
M 9	14 52	12 55	1 45	19 12	1 51	14 36	7 16	24 31	2 34	8 45	1 6	22 48	0 37	23 29	0 18	22 22	1 6	2 3	16 33	17 25	17 30	19 56	16 27	4 48
T 10	14 33	8 42	2 55	19 19	1 39	14 40	7 11	24 33	2 33	8 49	1 5	22 48	0 37	23 29	0 18	22 22	1 6	2 4	16 33	17 25	17 31	19 56	16 27	4 48
W11	14 14	4 9	3 53	19 25	1 27	14 44	7 7	24 35	2 33	8 53	1 5	22 48	0 37	23 29	0 18	22 22	1 6	2 4	16 34	17 25	17 31	19 57	16 27	4 48
T 12	13 54	0n28	4 36	19 29	1 16	14 48	7 1	24 37	2 32	8 57	1 5	22 49	0 37	23 29	0 18	22 22	1 6	2 5	16 34	17 26	17 32	19 58	16 28	4 48
F 13	13 34	4 56	5 4	19 32	1 4	14 52	6 56	24 39	2 31	9 1	1 5	22 49	0 36	23 28	0 18	22 22	1 6	2 5	16 35	17 26	17 33	19 59	16 28	4 47
S 14	13 14	9 2	5 16	19 35	0 53	14 57	6 50	24 41	2 31	9 5	1 4	22 49	0 36	23 28	0 18	22 22	1 6	2 6	16 35	17 27	17 34	19 59	16 28	4 47
S 15	12 53	12 41	5 13	19 35	0 42	15 1	6 44	24 43	2 30	9 9	1 4	22 49	0 36	23 28	0 18	22 22	1 6	2 7	16 36	17 27	17 35	20 0	16 29	4 47
M16	12 33	15 43	4 56	19 35	0 31	15 5	6 38	24 45	2 30	9 12	1 4	22 50	0 36	23 28	0 18	22 22	1 6	2 7	16 36	17 27	17 36	20 1	16 29	4 47
T 17	12 12	18 4	4 27	19 33	0 20	15 8	6 31	24 48	2 29	9 16	1 4	22 50	0 36	23 28	0 18	22 22	1 6	2 8	16 37	17 27	17 37	20 2	16 29	4 46
W18	11 51	19 37	3 47	19 30	0 10	15 12	6 24	24 50	2 28	9 21	1 4	22 50	0 36	23 28	0 18	22 23	1 6	2 8	16 37	17 26	17 38	20 2	16 30	4 46
T 19	11 30	20 20	2 56	19 26	0s 0	15 16	6 17	24 52	2 28	9 25	1 3	22 50	0 35	23 28	0 19	22 23	1 6	2 9	16 38	17 26	17 38	20 3	16 30	4 46
F 20	11 9	20 7	1 58	19 21	0 10	15 19	6 10	24 54	2 27	9 29	1 3	22 50	0 35	23 27	0 19	22 23	1 6	2 9	16 38	17 25	17 39	20 4	16 30	4 46
S 21	10 47	19 0	0 55	19 14	0 20	15 22	6 3	24 56	2 26	9 33	1 3	22 51	0 35	23 27	0 19	22 23	1 6	2 10	16 39	17 25	17 40	20 4	16 31	4 45
S 22	10 25	16 58	0n13	19 6	0 29	15 25	5 56	24 58	2 26	9 37	1 3	22 51	0 35	23 27	0 19	22 23	1 6	2 11	16 39	17 25	17 41	20 5	16 31	4 45
M23	10 4	14 7	1 20	18 56	0 37	15 27	5 48	25 0	2 25	9 41	1 2	22 51	0 35	23 27	0 19	22 23	1 5	2 11	16 40	17 25	17 42	20 6	16 31	4 45
T 24	9 42	10 33	2 25	18 46	0 46	15 30	5 40	25 2	2 24	9 45	1 2	22 51	0 35	23 27	0 19	22 23	1 5	2 12	16 40	17 26	17 43	20 7	16 32	4 45
W25	9 19	6 26	3 24	18 34	0 54	15 32	5 33	25 4	2 24	9 50	1 2	22 51	0 35	23 27	0 19	22 23	1 5	2 13	16 41	17 27	17 44	20 7	16 32	4 44
T 26	8 57	1 57	4 13	18 20	1 2	15 33	5 25	25 6	2 23	9 54	1 2	22 52	0 34	23 26	0 19	22 23	1 5	2 13	16 41	17 28	17 44	20 8	16 33	4 44
F 27	8 35	2s42	4 49	18 6	1 9	15 35	5 17	25 8	2 23	9 58	1 2	22 52	0 34	23 26	0 19	22 23	1 5	2 14	16 42	17 29	17 45	20 9	16 33	4 44
S 28	8s12	7s17	5n 9	17s50	1s16	15s36	5n 9	25n10	2n22	10n 2	1s 2	22n52	0s34	23s26	0s19	22n23	1s 5	2n15	16n42	17n30	17n46	20n 9	16n34	4s44

Julian Day Number = 2356247.5, Delta T = 13.03 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'52, Lahiri = 20°12'52Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

MARCH 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 19	10♓ 0'21	15♏37	15♒28	28♑16	17♊ 7	28♈49	3°R13	9♑37	0°R21	6°R 2	10°R56	9♌56	0♋ 2	5♊19	S 1
M 2	10 37 15	11° 0'26	29°33	16°49	28°54	17°32	29° 1	3♋13	9°39	0♋21	6♏ 2	10♌54	9°53	0° 9	5°20	M 2
T 3	10 41 12	12° 0'30	13♐37	18°13	29°33	17°57	29°12	3°13	9°41	0°21	6° 1	10°D53	9°50	0°16	5°22	T 3
W 4	10 45 8	13° 0'33	27°48	19°37	0♒14	18°22	29°24	3°12	9°43	0°20	6° 0	10°54	9°47	0°22	5°24	W 4
T 5	10 49 5	14° 0'34	12♑ 3	21° 3	0°55	18°47	29°36	3°D12	9°45	0°20	5°59	10°56	9°43	0°29	5°25	T 5
F 6	10 53 2	15° 0'33	26°21	22°31	1°37	19°13	29°48	3°12	9°47	0°20	5°58	10°57	9°40	0°36	5°27	F 6
S 7	10 56 58	16° 0'31	10♒39	23°59	2°21	19°38	0♉ 1	3°12	9°49	0°20	5°58	10°R58	9°37	0°42	5°29	S 7
S 8	11 0 55	17° 0'27	24°52	25°29	3° 5	20° 5	0°13	3°13	9°51	0°20	5°57	10°57	9°34	0°49	5°30	S 8
M 9	11 4 51	18° 0'21	8♓57	27° 0	3°50	20°31	0°25	3°13	9°53	0°19	5°56	10°54	9°31	0°56	5°32	M 9
T 10	11 8 48	19° 0'13	22°50	28°33	4°37	20°57	0°38	3°13	9°55	0°19	5°55	10°50	9°27	1° 2	5°34	T 10
W11	11 12 44	20° 0'03	6♈26	0♓ 6	5°24	21°24	0°50	3°14	9°57	0°19	5°54	10°44	9°24	1° 9	5°36	W11
T 12	11 16 41	20°59'51	19°43	1°41	6°12	21°51	1° 3	3°15	9°58	0°D19	5°53	10°37	9°21	1°16	5°39	T 12
F 13	11 20 37	21°59'37	2♉40	3°17	7° 0	22°18	1°15	3°16	10° 0	0°19	5°52	10°30	9°18	1°22	5°41	F 13
S 14	11 24 34	22°59'20	15°18	4°54	7°50	22°46	1°28	3°16	10° 2	0°19	5°50	10°23	9°15	1°29	5°43	S 14
S 15	11 28 31	23°59'02	27°38	6°33	8°40	23°13	1°41	3°18	10° 3	0°20	5°49	10°18	9°12	1°36	5°45	S 15
M16	11 32 27	24°58'41	9♊43	8°12	9°31	23°41	1°54	3°19	10° 5	0°20	5°48	10°15	9° 8	1°42	5°48	M16
T 17	11 36 24	25°58'18	21°38	9°53	10°23	24° 9	2° 7	3°20	10° 6	0°20	5°47	10°D13	9° 5	1°49	5°50	T 17
W18	11 40 20	26°57'53	3♋29	11°36	11°15	24°37	2°20	3°21	10° 8	0°20	5°46	10°13	9° 2	1°56	5°53	W18
T 19	11 44 17	27°57'26	15°19	13°19	12° 8	25° 5	2°33	3°23	10° 9	0°20	5°45	10°14	8°59	2° 2	5°55	T 19
F 20	11 48 13	28°56'56	27°14	15° 4	13° 1	25°33	2°46	3°24	10°10	0°20	5°43	10°16	8°56	2° 9	5°58	F 20
S 21	11 52 10	29°56'24	9♌19	16°50	13°55	26° 2	2°59	3°26	10°12	0°21	5°42	10°R17	8°52	2°16	6° 1	S 21
S 22	11 56 6	0♈55'49	21°39	18°37	14°50	26°31	3°12	3°28	10°13	0°21	5°41	10°16	8°49	2°22	6° 3	S 22
M23	12 0 3	1°55'13	4♍17	20°26	15°45	27° 0	3°25	3°30	10°14	0°21	5°39	10°13	8°46	2°29	6° 6	M23
T 24	12 4 0	2°54'34	17°14	22°16	16°41	27°29	3°38	3°32	10°15	0°22	5°38	10° 8	8°43	2°36	6° 9	T 24
W25	12 7 56	3°53'53	0♎30	24° 7	17°37	27°58	3°52	3°34	10°16	0°22	5°37	10° 1	8°40	2°42	6°12	W25
T 26	12 11 53	4°53'10	14° 6	26° 0	18°34	28°27	4° 5	3°36	10°17	0°23	5°35	9°52	8°37	2°49	6°15	T 26
F 27	12 15 49	5°52'25	27°58	27°54	19°31	28°57	4°19	3°38	10°18	0°23	5°34	9°43	8°33	2°56	6°18	F 27
S 28	12 19 46	6°51'38	12♏ 1	29°49	20°29	29°26	4°32	3°41	10°19	0°24	5°33	9°34	8°30	3° 2	6°21	S 28
S 29	12 23 42	7°50'49	26°11	1♈46	21°27	29°56	4°46	3°43	10°20	0°24	5°31	9°26	8°27	3° 9	6°25	S 29
M30	12 27 39	8°49'58	10♐25	3°44	22°25	0♋26	4°59	3°46	10°21	0°25	5°30	9°20	8°24	3°16	6°28	M30
T 31	12 31 35	9♈49'06	24♐38	5♈43	23♒24	0♋56	5♉13	3♋49	10♑22	0♋26	5♏28	9♌17	8♌21	3♋22	6♊31	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	7s50	11s33	5n12	17s32	1s23	15s37	5n 2	25n11	2n21	10n 7	1s 1	22n52	0s34	23s26	0s19	22n23	1s 5	2n15	16n43	17n31	17n47	20n10	16n34	4s43
M 2	7 27	15 15	4 57	17 14	1 29	15 37	4 54	25 13	2 21	10 11	1 1	22 52	0 34	23 26	0 19	22 23	1 5	2 16	16 43	17 31	17 48	20 11	16 35	4 43
T 3	7 4	18 6	4 24	16 54	1 35	15 37	4 46	25 15	2 20	10 15	1 1	22 52	0 34	23 26	0 19	22 23	1 5	2 16	16 44	17 31	17 49	20 11	16 35	4 43
W 4	6 41	19 53	3 34	16 32	1 40	15 36	4 38	25 16	2 19	10 20	1 1	22 53	0 33	23 26	0 19	22 23	1 5	2 17	16 44	17 31	17 50	20 12	16 36	4 43
T 5	6 18	20 25	2 31	16 10	1 45	15 35	4 30	25 18	2 19	10 24	1 1	22 53	0 33	23 26	0 19	22 23	1 5	2 18	16 44	17 31	17 50	20 13	16 36	4 42
F 6	5 55	19 37	1 19	15 46	1 50	15 34	4 22	25 19	2 18	10 29	1 0	22 53	0 33	23 25	0 19	22 23	1 5	2 18	16 45	17 30	17 51	20 13	16 37	4 42
S 7	5 32	17 34	0 2	15 21	1 55	15 32	4 14	25 21	2 17	10 33	1 0	22 53	0 33	23 25	0 19	22 23	1 5	2 19	16 45	17 30	17 52	20 14	16 37	4 42
S 8	5 8	14 26	1s15	14 54	1 59	15 30	4 6	25 22	2 17	10 38	1 0	22 53	0 33	23 25	0 19	22 23	1 5	2 20	16 46	17 30	17 53	20 15	16 38	4 42
M 9	4 45	10 29	2 27	14 26	2 2	15 27	3 58	25 24	2 16	10 42	1 0	22 53	0 33	23 25	0 19	22 23	1 5	2 21	16 46	17 31	17 54	20 15	16 38	4 41
T 10	4 21	6 2	3 28	13 57	2 5	15 24	3 50	25 25	2 15	10 47	1 0	22 54	0 32	23 25	0 19	22 23	1 5	2 21	16 46	17 32	17 55	20 16	16 39	4 41
W11	3 58	1 22	4 16	13 27	2 8	15 21	3 43	25 26	2 15	10 51	1 0	22 54	0 32	23 25	0 19	22 24	1 5	2 22	16 47	17 34	17 55	20 17	16 40	4 41
T 12	3 34	3n15	4 49	12 55	2 10	15 17	3 35	25 27	2 14	10 56	0 59	22 54	0 32	23 25	0 19	22 24	1 5	2 23	16 47	17 36	17 56	20 17	16 40	4 41
F 13	3 11	7 37	5 7	12 22	2 12	15 12	3 27	25 28	2 14	11 0	0 59	22 54	0 32	23 25	0 19	22 24	1 5	2 23	16 48	17 38	17 57	20 18	16 41	4 40
S 14	2 47	11 31	5 8	11 48	2 14	15 7	3 19	25 29	2 13	11 5	0 59	22 54	0 32	23 25	0 19	22 24	1 5	2 24	16 48	17 40	17 58	20 18	16 41	4 40
S 15	2 24	14 51	4 56	11 13	2 15	15 2	3 12	25 30	2 12	11 9	0 59	22 54	0 32	23 24	0 19	22 24	1 5	2 25	16 48	17 41	17 59	20 19	16 42	4 40
M16	2 0	17 29	4 30	10 36	2 16	14 56	3 4	25 31	2 12	11 14	0 59	22 54	0 31	23 24	0 19	22 24	1 5	2 25	16 49	17 42	18 0	20 20	16 43	4 40
T 17	1 36	19 20	3 53	9 58	2 16	14 50	2 57	25 31	2 11	11 18	0 59	22 54	0 31	23 24	0 19	22 24	1 5	2 26	16 49	17 42	18 1	20 20	16 43	4 39
W18	1 13	20 20	3 6	9 19	2 15	14 43	2 49	25 32	2 10	11 23	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 27	16 49	17 42	18 1	20 21	16 44	4 39
T 19	0 49	20 26	2 11	8 38	2 15	14 35	2 42	25 32	2 10	11 28	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 27	16 50	17 42	18 2	20 22	16 45	4 39
F 20	0 25	19 36	1 10	7 57	2 13	14 28	2 34	25 33	2 9	11 32	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 28	16 50	17 42	18 3	20 22	16 45	4 39
S 21	0 1	17 52	0 5	7 14	2 12	14 19	2 27	25 33	2 8	11 37	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 29	16 50	17 41	18 4	20 23	16 46	4 38
S 22	0n22	15 16	1n 1	6 30	2 9	14 11	2 20	25 33	2 8	11 41	0 58	22 55	0 31	23 24	0 19	22 24	1 4	2 30	16 51	17 42	18 5	20 23	16 47	4 38
M23	0 46	11 54	2 6	5 44	2 7	14 1	2 13	25 33	2 7	11 46	0 58	22 55	0 30	23 24	0 19	22 24	1 4	2 30	16 51	17 42	18 6	20 24	16 47	4 38
T 24	1 10	7 54	3 5	4 58	2 4	13 52	2 6	25 33	2 7	11 51	0 58	22 55	0 30	23 24	0 19	22 24	1 4	2 31	16 51	17 44	18 6	20 24	16 48	4 38
W25	1 33	3 25	3 56	4 10	2 0	13 41	1 59	25 33	2 6	11 55	0 57	22 55	0 30	23 24	0 19	22 24	1 4	2 32	16 52	17 46	18 7	20 25	16 49	4 38
T 26	1 57	1s20	4 35	3 22	1 56	13 31	1 52	25 33	2 5	12 0	0 57	22 55	0 30	23 24	0 19	22 24	1 4	2 32	16 52	17 48	18 8	20 26	16 49	4 37
F 27	2 20	6 7	4 59	2 32	1 51	13 19	1 45	25 33	2 5	12 5	0 57	22 56	0 30	23 24	0 19	22 24	1 4	2 33	16 52	17 51	18 9	20 26	16 50	4 37
S 28	2 44	10 37	5 5	1 41	1 46	13 8	1 38	25 32	2 4	12 9	0 57	22 56	0 30	23 23	0 19	22 24	1 4	2 34	16 52	17 53	18 10	20 27	16 51	4 37
S 29	3 7	14 35	4 52	0 50	1 40	12 56	1 31	25 32	2 4	12 14	0 57	22 56	0 29	23 23	0 19	22 24	1 4	2 34	16 53	17 55	18 11	20 27	16 52	4 37
M30	3 30	17 43	4 22	0n 3	1 34	12 43	1 25	25 31	2 3	12 19	0 57	22 56	0 29	23 23	0 19	22 24	1 4	2 35	16 53	17 56	18 11	20 28	16 52	4 37
T 31	3n54	19s47	3n35	0n57	1s27	12s30	1n18	25n30	2n 2	12n23	0s57	22n56	0s29	23s23	0s19	22n24	1s 4	2n36	16n53	17n57	18n12	20n29	16n53	4s36

Julian Day Number = 2356275.5, Delta T = 13.05 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'56, Lahiri = 20°12'56Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

APRIL 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 35 32	10♈48'12	8♉48	7♈43	24♒24	1♋26	5♌26	3♋52	10♑23	0♋26	5°R27	9°D16	8♌18	3♋29	6♊34	W 1
T 2	12 39 29	11°47'17	22°53	9°45	25°23	1°57	5°40	3°55	10°23	0°27	5♏25	9♌17	8°14	3°36	6°38	T 2
F 3	12 43 25	12°46'19	6♒53	11°47	26°23	2°27	5°54	3°58	10°24	0°28	5°24	9°R17	8°11	3°42	6°41	F 3
S 4	12 47 22	13°45'20	20°47	13°51	27°24	2°57	6° 8	4° 1	10°25	0°28	5°22	9°17	8° 8	3°49	6°45	S 4
S 5	12 51 18	14°44'19	4♓34	15°55	28°25	3°28	6°21	4° 4	10°25	0°29	5°21	9°14	8° 5	3°56	6°48	S 5
M 6	12 55 15	15°43'16	18°13	18° 0	29°26	3°59	6°35	4° 7	10°26	0°30	5°19	9° 9	8° 2	4° 2	6°52	M 6
T 7	12 59 11	16°42'11	1♈41	20° 6	0♓27	4°30	6°49	4°11	10°26	0°31	5°18	9° 1	7°58	4° 9	6°56	T 7
W 8	13 3 8	17°41'04	14°57	22°12	1°29	5° 1	7° 3	4°14	10°26	0°32	5°16	8°51	7°55	4°16	7° 0	W 8
T 9	13 7 4	18°39'55	27°59	24°17	2°31	5°32	7°17	4°18	10°27	0°33	5°14	8°39	7°52	4°22	7° 3	T 9
F 10	13 11 1	19°38'44	10♉45	26°23	3°33	6° 3	7°31	4°22	10°27	0°34	5°13	8°26	7°49	4°29	7° 7	F 10
S 11	13 14 57	20°37'32	23°16	28°28	4°35	6°35	7°45	4°25	10°27	0°35	5°11	8°15	7°46	4°36	7°11	S 11
S 12	13 18 54	21°36'17	5♊32	0♉33	5°38	7° 6	7°59	4°29	10°27	0°36	5°10	8° 5	7°43	4°42	7°15	S 12
M13	13 22 51	22°34'59	17°36	2°36	6°41	7°38	8°13	4°33	10°28	0°37	5° 8	7°57	7°39	4°49	7°19	M13
T 14	13 26 47	23°33'40	29°30	4°37	7°45	8° 9	8°27	4°37	10°28	0°38	5° 6	7°53	7°36	4°56	7°23	T 14
W15	13 30 44	24°32'19	11♋20	6°37	8°48	8°41	8°41	4°42	10°R28	0°39	5° 5	7°50	7°33	5° 2	7°27	W15
T 16	13 34 40	25°30'55	23° 9	8°35	9°52	9°13	8°55	4°46	10°28	0°40	5° 3	7°D49	7°30	5° 9	7°31	T 16
F 17	13 38 37	26°29'29	5♌ 4	10°30	10°56	9°45	9° 9	4°50	10°28	0°41	5° 1	7°R50	7°27	5°16	7°35	F 17
S 18	13 42 33	27°28'01	17° 9	12°22	12° 0	10°17	9°23	4°55	10°27	0°42	5° 0	7°49	7°23	5°22	7°39	S 18
S 19	13 46 30	28°26'31	29°31	14°12	13° 4	10°49	9°38	4°59	10°27	0°44	4°58	7°48	7°20	5°29	7°44	S 19
M20	13 50 26	29°24'58	12♍13	15°58	14° 9	11°21	9°52	5° 4	10°27	0°45	4°56	7°44	7°17	5°36	7°48	M20
T 21	13 54 23	0♉23'24	25°18	17°40	15°14	11°53	10° 6	5° 8	10°27	0°46	4°55	7°37	7°14	5°42	7°52	T 21
W22	13 58 20	1°21'47	8♎49	19°19	16°19	12°26	10°20	5°13	10°26	0°47	4°53	7°29	7°11	5°49	7°57	W22
T 23	14 2 16	2°20'09	22°44	20°54	17°24	12°58	10°34	5°18	10°26	0°49	4°51	7°18	7° 8	5°56	8° 1	T 23
F 24	14 6 13	3°18'28	6♏59	22°24	18°29	13°31	10°49	5°23	10°26	0°50	4°49	7° 6	7° 4	6° 2	8° 5	F 24
S 25	14 10 9	4°16'46	21°29	23°51	19°35	14° 3	11° 3	5°28	10°25	0°51	4°48	6°55	7° 1	6° 9	8°10	S 25
S 26	14 14 6	5°15'02	6♐ 6	25°13	20°41	14°36	11°17	5°33	10°25	0°53	4°46	6°45	6°58	6°16	8°14	S 26
M27	14 18 2	6°13'17	20°44	26°31	21°47	15° 9	11°31	5°38	10°24	0°54	4°44	6°37	6°55	6°22	8°19	M27
T 28	14 21 59	7°11'30	5♑16	27°44	22°53	15°42	11°45	5°43	10°23	0°56	4°43	6°33	6°52	6°29	8°23	T 28
W29	14 25 55	8° 9'41	19°37	28°53	23°59	16°15	12° 0	5°49	10°23	0°57	4°41	6°31	6°49	6°36	8°28	W29
T 30	14 29 52	9♉ 7'52	3♒46	29♉57	25♓ 5	16♋48	12♉14	5♋54	10♑22	0♋59	4♏39	6♌30	6♌45	6♋42	8♊33	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	4n17	20s36	2n35	1n51	1s20	12s17	1n12	25n30	2n 2	12n28	0s57	22n56	0s29	23s23	0s19	22n24	1s 4	2n36	16n53	17n58	18n13	20n29	16n54	4s36
T 2	4 40	20 6	1 26	2 46	1 12	12 3	1 6	25 29	2 1	12 33	0 56	22 56	0 29	23 23	0 19	22 24	1 4	2 37	16 54	17 57	18 14	20 30	16 55	4 36
F 3	5 3	18 22	0 13	3 42	1 3	11 48	0 59	25 27	2 1	12 37	0 56	22 56	0 29	23 23	0 20	22 25	1 4	2 38	16 54	17 57	18 15	20 30	16 55	4 36
S 4	5 26	15 33	1s 1	4 38	0 55	11 34	0 53	25 26	2 0	12 42	0 56	22 56	0 29	23 23	0 20	22 25	1 4	2 38	16 54	17 57	18 15	20 31	16 56	4 36
S 5	5 49	11 52	2 10	5 34	0 45	11 18	0 47	25 25	1 59	12 46	0 56	22 56	0 28	23 23	0 20	22 25	1 4	2 39	16 54	17 58	18 16	20 31	16 57	4 36
M 6	6 12	7 36	3 12	6 31	0 36	11 3	0 41	25 23	1 59	12 51	0 56	22 56	0 28	23 23	0 20	22 25	1 4	2 40	16 54	18 0	18 17	20 32	16 58	4 35
T 7	6 34	3 1	4 1	7 28	0 26	10 47	0 35	25 22	1 58	12 56	0 56	22 56	0 28	23 23	0 20	22 25	1 4	2 40	16 55	18 2	18 18	20 32	16 58	4 35
W 8	6 57	1n39	4 36	8 25	0 16	10 30	0 29	25 20	1 58	13 0	0 56	22 56	0 28	23 23	0 20	22 25	1 4	2 41	16 55	18 4	18 19	20 33	16 59	4 35
T 9	7 19	6 9	4 57	9 21	0 5	10 13	0 24	25 18	1 57	13 5	0 56	22 56	0 28	23 23	0 20	22 25	1 3	2 42	16 55	18 7	18 20	20 33	17 0	4 35
F 10	7 42	10 18	5 2	10 17	0n 6	9 56	0 18	25 16	1 56	13 10	0 56	22 56	0 28	23 23	0 20	22 25	1 3	2 42	16 55	18 11	18 20	20 34	17 1	4 35
S 11	8 4	13 54	4 52	11 12	0 17	9 39	0 13	25 14	1 56	13 14	0 55	22 56	0 28	23 23	0 20	22 25	1 3	2 43	16 55	18 14	18 21	20 34	17 1	4 35
S 12	8 26	16 51	4 28	12 7	0 28	9 21	0 7	25 12	1 55	13 19	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 43	16 55	18 16	18 22	20 35	17 2	4 34
M13	8 48	19 1	3 53	13 0	0 39	9 2	0 2	25 9	1 55	13 24	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 44	16 55	18 18	18 23	20 35	17 3	4 34
T 14	9 10	20 20	3 9	13 52	0 50	8 43	0s 3	25 7	1 54	13 28	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 45	16 55	18 19	18 24	20 36	17 4	4 34
W15	9 31	20 44	2 16	14 42	1 1	8 24	0 8	25 4	1 53	13 33	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 45	16 56	18 20	18 24	20 36	17 5	4 34
T 16	9 53	20 13	1 17	15 31	1 12	8 5	0 13	25 2	1 53	13 37	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 46	16 56	18 20	18 25	20 37	17 5	4 34
F 17	10 14	18 47	0 15	16 17	1 22	7 45	0 18	24 59	1 52	13 42	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 46	16 56	18 20	18 26	20 37	17 6	4 34
S 18	10 35	16 30	0n49	17 2	1 32	7 25	0 23	24 56	1 52	13 47	0 55	22 56	0 27	23 23	0 20	22 25	1 3	2 47	16 56	18 20	18 27	20 38	17 7	4 34
S 19	10 56	13 25	1 52	17 44	1 42	7 5	0 27	24 53	1 51	13 51	0 55	22 56	0 26	23 23	0 20	22 25	1 3	2 48	16 56	18 21	18 28	20 38	17 8	4 34
M20	11 17	9 38	2 51	18 24	1 51	6 44	0 32	24 49	1 51	13 56	0 55	22 56	0 26	23 23	0 20	22 25	1 3	2 48	16 56	18 22	18 29	20 39	17 8	4 33
T 21	11 37	5 17	3 43	19 2	1 59	6 23	0 36	24 46	1 50	14 0	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 49	16 56	18 23	18 29	20 39	17 9	4 33
W22	11 58	0 33	4 24	19 37	2 7	6 2	0 41	24 42	1 49	14 5	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 49	16 56	18 26	18 30	20 40	17 10	4 33
T 23	12 18	4s21	4 51	20 9	2 14	5 40	0 45	24 39	1 49	14 9	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 50	16 56	18 28	18 31	20 40	17 11	4 33
F 24	12 38	9 8	5 0	20 39	2 20	5 19	0 49	24 35	1 48	14 14	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 50	16 56	18 31	18 32	20 41	17 12	4 33
S 25	12 58	13 28	4 51	21 7	2 26	4 57	0 53	24 31	1 48	14 18	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 51	16 56	18 34	18 33	20 41	17 12	4 33
S 26	13 17	17 3	4 22	21 31	2 30	4 34	0 57	24 27	1 47	14 23	0 54	22 56	0 26	23 24	0 20	22 25	1 3	2 51	16 56	18 37	18 33	20 42	17 13	4 33
M27	13 37	19 33	3 37	21 54	2 34	4 12	1 1	24 22	1 46	14 27	0 54	22 56	0 25	23 24	0 20	22 25	1 3	2 52	16 56	18 39	18 34	20 42	17 14	4 33
T 28	13 56	20 45	2 37	22 14	2 37	3 49	1 4	24 18	1 46	14 32	0 54	22 56	0 25	23 24	0 20	22 25	1 3	2 52	16 56	18 40	18 35	20 43	17 15	4 33
W29	14 15	20 35	1 28	22 31	2 39	3 26	1 8	24 14	1 45	14 36	0 54	22 55	0 25	23 24	0 20	22 25	1 3	2 53	16 56	18 40	18 36	20 43	17 16	4 33
T 30	14n33	19s 6	0n14	22n46	2n40	3s 3	1s11	24n 9	1n45	14n40	0s54	22n55	0s25	23s24	0s20	22n25	1s 3	2n53	16n56	18n40	18n37	20n43	17n16	4s32

Julian Day Number = 2356306.5, Delta T = 13.07 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'00, Lahiri = 20°13'01Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

MAY 1739

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 33 49	10♉ 6'00	17♒41	0♊56	26♓12	17♋21	12♉28	6♋ 0	10°R21	1♋ 0	4°R38	6°R30	6♌42	6♋49	8♊37	F 1
S 2	14 37 45	11° 4'07	1♓23	1°51	27°18	17°54	12°43	6° 5	10♑20	1° 2	4♏36	6♌29	6°39	6°56	8°42	S 2
S 3	14 41 42	12° 2'13	14°52	2°41	28°25	18°27	12°57	6°11	10°20	1° 3	4°34	6°26	6°36	7° 2	8°47	S 3
M 4	14 45 38	13° 0'18	28° 9	3°25	29°32	19° 0	13°11	6°16	10°19	1° 5	4°33	6°20	6°33	7° 9	8°51	M 4
T 5	14 49 35	13°58'20	11♈15	4° 5	0♈39	19°34	13°25	6°22	10°18	1° 7	4°31	6°12	6°29	7°16	8°56	T 5
W 6	14 53 31	14°56'22	24° 9	4°40	1°47	20° 7	13°40	6°28	10°17	1° 8	4°29	6° 1	6°26	7°22	9° 1	W 6
T 7	14 57 28	15°54'22	6♉52	5°10	2°54	20°41	13°54	6°34	10°16	1°10	4°28	5°48	6°23	7°29	9° 6	T 7
F 8	15 1 24	16°52'20	19°22	5°34	4° 1	21°14	14° 8	6°40	10°15	1°12	4°26	5°35	6°20	7°36	9°11	F 8
S 9	15 5 21	17°50'17	1♊41	5°54	5° 9	21°48	14°22	6°46	10°13	1°13	4°24	5°22	6°17	7°42	9°15	S 9
S 10	15 9 18	18°48'13	13°49	6° 8	6°17	22°22	14°37	6°52	10°12	1°15	4°23	5°12	6°14	7°49	9°20	S 10
M11	15 13 14	19°46'06	25°47	6°17	7°24	22°55	14°51	6°58	10°11	1°17	4°21	5° 3	6°10	7°56	9°25	M11
T 12	15 17 11	20°43'58	7♋39	6°R22	8°32	23°29	15° 5	7° 4	10°10	1°19	4°19	4°57	6° 7	8° 2	9°30	T 12
W13	15 21 7	21°41'49	19°26	6°21	9°40	24° 3	15°19	7°10	10° 9	1°20	4°18	4°54	6° 4	8° 9	9°35	W13
T 14	15 25 4	22°39'38	1♌14	6°16	10°48	24°37	15°34	7°16	10° 7	1°22	4°16	4°D53	6° 1	8°16	9°40	T 14
F 15	15 29 0	23°37'25	13° 8	6° 7	11°56	25°11	15°48	7°23	10° 6	1°24	4°15	4°53	5°58	8°22	9°45	F 15
S 16	15 32 57	24°35'10	25°12	5°52	13° 5	25°45	16° 2	7°29	10° 4	1°26	4°13	4°R54	5°55	8°29	9°50	S 16
S 17	15 36 53	25°32'54	7♍32	5°34	14°13	26°19	16°16	7°36	10° 3	1°28	4°11	4°53	5°51	8°36	9°55	S 17
M18	15 40 50	26°30'36	20°14	5°13	15°22	26°53	16°30	7°42	10° 1	1°30	4°10	4°51	5°48	8°42	10° 0	M18
T 19	15 44 47	27°28'16	3♎20	4°48	16°30	27°28	16°44	7°49	10° 0	1°32	4° 8	4°46	5°45	8°49	10° 5	T 19
W20	15 48 43	28°25'55	16°55	4°20	17°39	28° 2	16°58	7°55	9°58	1°33	4° 7	4°39	5°42	8°56	10°10	W20
T 21	15 52 40	29°23'33	0♏58	3°50	18°47	28°36	17°13	8° 2	9°57	1°35	4° 5	4°30	5°39	9° 2	10°15	T 21
F 22	15 56 36	0♊21'09	15°25	3°18	19°56	29°11	17°27	8° 9	9°55	1°37	4° 4	4°21	5°35	9° 9	10°20	F 22
S 23	16 0 33	1°18'44	0♐12	2°44	21° 5	29°45	17°41	8°15	9°53	1°39	4° 2	4°11	5°32	9°16	10°25	S 23
S 24	16 4 29	2°16'17	15°10	2°11	22°14	0♌20	17°55	8°22	9°52	1°41	4° 1	4° 3	5°29	9°22	10°31	S 24
M25	16 8 26	3°13'50	0♑11	1°37	23°23	0°54	18° 9	8°29	9°50	1°43	4° 0	3°57	5°26	9°29	10°36	M25
T 26	16 12 22	4°11'22	15° 4	1° 3	24°32	1°29	18°23	8°36	9°48	1°45	3°58	3°53	5°23	9°36	10°41	T 26
W27	16 16 19	5° 8'52	29°44	0°31	25°42	2° 3	18°37	8°43	9°46	1°47	3°57	3°D52	5°20	9°42	10°46	W27
T 28	16 20 16	6° 6'22	14♒ 6	0° 0	26°51	2°38	18°50	8°50	9°44	1°49	3°55	3°52	5°16	9°49	10°51	T 28
F 29	16 24 12	7° 3'51	28° 7	29♉32	28° 0	3°13	19° 4	8°57	9°42	1°51	3°54	3°53	5°13	9°56	10°56	F 29
S 30	16 28 9	8° 1'20	11♓49	29° 6	29°10	3°48	19°18	9° 4	9°41	1°54	3°53	3°R53	5°10	10° 2	11° 1	S 30
S 31	16 32 5	8♊58'47	25♓11	28♉43	0♉19	4♌22	19♉32	9♋11	9♑39	1♋56	3♏51	3♌52	5♌ 7	10♋ 9	11♊ 7	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	14n52	16s29	0s59	22n58	2n39	2s39	1s15	24n 4	1n44	14n45	0s54	22n55	0s25	23s24	0s20	22n25	1s 3	2n54	16n55	18n40	18n37	20n44	17n17	4s32
S 2	15 10	12 59	2 8	23 9	2 38	2 16	1 18	23 59	1 44	14 49	0 54	22 55	0 25	23 24	0 20	22 26	1 3	2 54	16 55	18 41	18 38	20 44	17 18	4 32
S 3	15 28	8 51	3 8	23 17	2 36	1 52	1 21	23 54	1 43	14 54	0 54	22 55	0 25	23 24	0 20	22 26	1 3	2 55	16 55	18 41	18 39	20 45	17 19	4 32
M 4	15 46	4 22	3 57	23 22	2 33	1 28	1 24	23 49	1 43	14 58	0 54	22 55	0 25	23 24	0 20	22 26	1 2	2 55	16 55	18 43	18 40	20 45	17 19	4 32
T 5	16 3	0n16	4 33	23 26	2 29	1 4	1 27	23 43	1 42	15 2	0 53	22 55	0 24	23 25	0 20	22 26	1 2	2 55	16 55	18 45	18 41	20 45	17 20	4 32
W 6	16 20	4 49	4 54	23 27	2 23	0 40	1 30	23 38	1 41	15 7	0 53	22 55	0 24	23 25	0 20	22 26	1 2	2 56	16 55	18 48	18 41	20 46	17 21	4 32
T 7	16 37	9 5	5 0	23 26	2 17	0 16	1 32	23 32	1 41	15 11	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 56	16 55	18 51	18 42	20 46	17 22	4 32
F 8	16 54	12 54	4 52	23 23	2 9	0n 9	1 35	23 27	1 40	15 15	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 57	16 55	18 54	18 43	20 47	17 22	4 32
S 9	17 10	16 7	4 30	23 18	2 1	0 33	1 37	23 21	1 40	15 20	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 57	16 54	18 57	18 44	20 47	17 23	4 32
S 10	17 26	18 35	3 56	23 11	1 51	0 58	1 40	23 15	1 39	15 24	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 57	16 54	19 0	18 44	20 48	17 24	4 32
M11	17 42	20 13	3 12	23 2	1 40	1 23	1 42	23 9	1 39	15 28	0 53	22 54	0 24	23 25	0 20	22 26	1 2	2 58	16 54	19 2	18 45	20 48	17 25	4 32
T 12	17 58	20 56	2 19	22 51	1 28	1 48	1 44	23 2	1 38	15 32	0 53	22 53	0 24	23 25	0 20	22 26	1 2	2 58	16 54	19 3	18 46	20 48	17 25	4 32
W13	18 13	20 43	1 21	22 38	1 15	2 13	1 46	22 56	1 38	15 36	0 53	22 53	0 23	23 25	0 21	22 26	1 2	2 58	16 54	19 4	18 47	20 49	17 26	4 32
T 14	18 28	19 36	0 19	22 24	1 1	2 37	1 48	22 49	1 37	15 41	0 53	22 53	0 23	23 26	0 21	22 26	1 2	2 59	16 54	19 4	18 48	20 49	17 27	4 32
F 15	18 42	17 36	0n44	22 8	0 47	3 2	1 50	22 42	1 36	15 45	0 53	22 53	0 23	23 26	0 21	22 26	1 2	2 59	16 53	19 4	18 48	20 49	17 28	4 32
S 16	18 57	14 48	1 46	21 50	0 31	3 27	1 52	22 36	1 36	15 49	0 53	22 53	0 23	23 26	0 21	22 26	1 2	2 59	16 53	19 4	18 49	20 50	17 28	4 32
S 17	19 10	11 18	2 45	21 31	0 15	3 52	1 53	22 29	1 35	15 53	0 53	22 52	0 23	23 26	0 21	22 26	1 2	2 59	16 53	19 4	18 50	20 50	17 29	4 32
M18	19 24	7 12	3 37	21 11	0s 1	4 18	1 55	22 21	1 35	15 57	0 53	22 52	0 23	23 26	0 21	22 26	1 2	3 0	16 53	19 5	18 51	20 50	17 30	4 32
T 19	19 37	2 38	4 20	20 49	0 18	4 43	1 56	22 14	1 34	16 1	0 53	22 52	0 23	23 26	0 21	22 26	1 2	3 0	16 52	19 6	18 52	20 51	17 30	4 32
W20	19 50	2s12	4 49	20 27	0 36	5 8	1 57	22 7	1 34	16 5	0 53	22 51	0 23	23 26	0 21	22 26	1 2	3 0	16 52	19 8	18 52	20 51	17 31	4 32
T 21	20 3	7 5	5 3	20 4	0 53	5 33	1 59	21 59	1 33	16 9	0 53	22 51	0 23	23 27	0 21	22 26	1 2	3 0	16 52	19 10	18 53	20 52	17 32	4 32
F 22	20 15	11 43	4 58	19 41	1 11	5 58	2 0	21 52	1 33	16 13	0 53	22 51	0 22	23 27	0 21	22 26	1 2	3 1	16 52	19 12	18 54	20 52	17 32	4 32
S 23	20 27	15 46	4 33	19 18	1 28	6 23	2 1	21 44	1 32	16 17	0 53	22 51	0 22	23 27	0 21	22 26	1 2	3 1	16 51	19 14	18 55	20 52	17 33	4 32
S 24	20 39	18 50	3 50	18 54	1 45	6 47	2 1	21 36	1 32	16 21	0 53	22 50	0 22	23 27	0 21	22 26	1 2	3 1	16 51	19 16	18 55	20 53	17 34	4 32
M25	20 50	20 38	2 50	18 31	2 2	7 12	2 2	21 28	1 31	16 25	0 53	22 50	0 22	23 27	0 21	22 26	1 2	3 1	16 51	19 18	18 56	20 53	17 34	4 32
T 26	21 1	20 59	1 39	18 9	2 18	7 37	2 3	21 20	1 30	16 29	0 53	22 50	0 22	23 27	0 21	22 26	1 2	3 1	16 50	19 18	18 57	20 53	17 35	4 32
W27	21 11	19 52	0 22	17 48	2 33	8 2	2 3	21 11	1 30	16 33	0 53	22 49	0 22	23 27	0 21	22 26	1 2	3 1	16 50	19 19	18 58	20 54	17 36	4 32
T 28	21 21	17 30	0s55	17 27	2 47	8 26	2 4	21 3	1 29	16 36	0 53	22 49	0 22	23 28	0 21	22 26	1 2	3 1	16 50	19 19	18 59	20 54	17 36	4 32
F 29	21 31	14 7	2 6	17 8	3 0	8 51	2 4	20 54	1 29	16 40	0 52	22 49	0 22	23 28	0 21	22 26	1 2	3 2	16 49	19 18	18 59	20 54	17 37	4 32
S 30	21 41	10 3	3 9	16 51	3 12	9 15	2 5	20 46	1 28	16 44	0 52	22 48	0 22	23 28	0 21	22 26	1 2	3 2	16 49	19 18	19 0	20 54	17 38	4 32
S 31	21n50	5s35	4s 0	16n35	3s23	9n39	2s 5	20n37	1n28	16n48	0s52	22n48	0s21	23s28	0s21	22n26	1s 2	3n 2	16n49	19n19	19n 1	20n55	17n38	4s33

Julian Day Number = 2356336.5, Delta T = 13.09 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'04, Lahiri = 20°13'05Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

JUNE 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 36 2	9♊56'14	8♈17	28°R23	1♉29	4♌57	19♉46	9♋18	9°R37	1♋58	3°R50	3°R49	5♌ 4	10♋16	11♊12	M 1
T 2	16 39 58	10°53'40	21° 7	28♉ 8	2°39	5°32	20° 0	9°25	9♑35	2° 0	3♏49	3♌43	5° 1	10°22	11°17	T 2
W 3	16 43 55	11°51'06	3♉44	27°56	3°48	6° 7	20°13	9°33	9°33	2° 2	3°48	3°36	4°57	10°29	11°22	W 3
T 4	16 47 51	12°48'31	16°10	27°48	4°58	6°42	20°27	9°40	9°31	2° 4	3°46	3°27	4°54	10°36	11°27	T 4
F 5	16 51 48	13°45'55	28°25	27°D45	6° 8	7°17	20°41	9°47	9°28	2° 6	3°45	3°18	4°51	10°42	11°32	F 5
S 6	16 55 45	14°43'18	10♊31	27°46	7°18	7°53	20°54	9°54	9°26	2° 8	3°44	3° 9	4°48	10°49	11°38	S 6
S 7	16 59 41	15°40'41	22°30	27°52	8°28	8°28	21° 8	10° 2	9°24	2°10	3°43	3° 1	4°45	10°55	11°43	S 7
M 8	17 3 38	16°38'03	4♋22	28° 2	9°38	9° 3	21°21	10° 9	9°22	2°13	3°42	2°56	4°41	11° 2	11°48	M 8
T 9	17 7 34	17°35'24	16°10	28°16	10°48	9°38	21°35	10°17	9°20	2°15	3°41	2°52	4°38	11° 9	11°53	T 9
W10	17 11 31	18°32'44	27°57	28°35	11°58	10°14	21°48	10°24	9°18	2°17	3°40	2°D50	4°35	11°15	11°58	W10
T 11	17 15 27	19°30'03	9♌45	28°59	13° 8	10°49	22° 2	10°32	9°15	2°19	3°39	2°50	4°32	11°22	12° 3	T 11
F 12	17 19 24	20°27'22	21°39	29°27	14°19	11°24	22°15	10°39	9°13	2°21	3°38	2°52	4°29	11°29	12° 9	F 12
S 13	17 23 20	21°24'40	3♍44	29°59	15°29	12° 0	22°28	10°47	9°11	2°24	3°37	2°53	4°26	11°35	12°14	S 13
S 14	17 27 17	22°21'56	16° 3	0♊36	16°39	12°35	22°42	10°54	9° 9	2°26	3°36	2°54	4°22	11°42	12°19	S 14
M15	17 31 14	23°19'12	28°42	1°17	17°50	13°11	22°55	11° 2	9° 6	2°28	3°35	2°R54	4°19	11°49	12°24	M15
T 16	17 35 10	24°16'27	11♎46	2° 2	19° 0	13°47	23° 8	11° 9	9° 4	2°30	3°34	2°53	4°16	11°55	12°29	T 16
W17	17 39 7	25°13'42	25°16	2°52	20°11	14°22	23°21	11°17	9° 2	2°32	3°33	2°50	4°13	12° 2	12°34	W17
T 18	17 43 3	26°10'55	9♏16	3°45	21°21	14°58	23°34	11°24	8°59	2°35	3°32	2°46	4°10	12° 9	12°39	T 18
F 19	17 47 0	27° 8'08	23°43	4°42	22°32	15°34	23°47	11°32	8°57	2°37	3°31	2°41	4° 7	12°15	12°44	F 19
S 20	17 50 56	28° 5'21	8♐32	5°43	23°43	16° 9	24° 0	11°40	8°55	2°39	3°30	2°36	4° 3	12°22	12°49	S 20
S 21	17 54 53	29° 2'33	23°38	6°48	24°53	16°45	24°13	11°47	8°52	2°41	3°30	2°31	4° 0	12°29	12°54	S 21
M22	17 58 49	29°59'45	8♑50	7°57	26° 4	17°21	24°26	11°55	8°50	2°44	3°29	2°28	3°57	12°35	12°59	M22
T 23	18 2 46	0♋56'57	23°59	9° 9	27°15	17°57	24°38	12° 3	8°48	2°46	3°28	2°27	3°54	12°42	13° 4	T 23
W24	18 6 43	1°54'08	8♒56	10°26	28°26	18°33	24°51	12°11	8°45	2°48	3°27	2°D27	3°51	12°49	13° 9	W24
T 25	18 10 39	2°51'19	23°33	11°45	29°37	19° 9	25° 4	12°18	8°43	2°50	3°27	2°28	3°47	12°55	13°14	T 25
F 26	18 14 36	3°48'31	7♓47	13° 9	0♊48	19°45	25°16	12°26	8°40	2°52	3°26	2°29	3°44	13° 2	13°19	F 26
S 27	18 18 32	4°45'42	21°37	14°36	1°59	20°21	25°29	12°34	8°38	2°55	3°26	2°30	3°41	13° 9	13°24	S 27
S 28	18 22 29	5°42'54	5♈ 2	16° 6	3°10	20°57	25°41	12°42	8°35	2°57	3°25	2°R31	3°38	13°15	13°29	S 28
M29	18 26 25	6°40'05	18° 5	17°40	4°21	21°33	25°54	12°49	8°33	2°59	3°25	2°30	3°35	13°22	13°34	M29
T 30	18 30 22	7♋37'17	0♉49	19♊18	5♊32	22♌ 9	26♉ 6	12♋57	8♑31	3♋ 1	3♏24	2♌29	3♌32	13♋29	13♊39	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	21n58	0s57	4s37	16n22	3s33	10n 3	2s 5	20n28	1n27	16n52	0s52	22n47	0s21	23s28	0s21	22n26	1s 2	3n 2	16n48	19n20	19n 2	20n55	17n39	4s33
T 2	22 6	3n38	4 59	16 10	3 42	10 27	2 5	20 19	1 27	16 55	0 52	22 47	0 21	23 28	0 21	22 26	1 2	3 2	16 48	19 21	19 2	20 55	17 40	4 33
W 3	22 14	7 58	5 6	16 0	3 49	10 51	2 5	20 9	1 26	16 59	0 52	22 47	0 21	23 29	0 21	22 26	1 2	3 2	16 47	19 23	19 3	20 56	17 40	4 33
T 4	22 22	11 55	4 59	15 52	3 55	11 14	2 5	20 0	1 26	17 3	0 52	22 46	0 21	23 29	0 21	22 26	1 2	3 2	16 47	19 25	19 4	20 56	17 41	4 33
F 5	22 29	15 19	4 38	15 47	4 0	11 38	2 4	19 51	1 25	17 6	0 52	22 46	0 21	23 29	0 21	22 26	1 2	3 2	16 47	19 27	19 5	20 56	17 41	4 33
S 6	22 36	18 1	4 4	15 44	4 4	12 1	2 4	19 41	1 25	17 10	0 52	22 45	0 21	23 29	0 21	22 26	1 2	3 2	16 46	19 29	19 5	20 56	17 42	4 33
S 7	22 42	19 55	3 20	15 42	4 6	12 24	2 3	19 31	1 24	17 13	0 52	22 45	0 21	23 29	0 21	22 26	1 2	3 2	16 46	19 31	19 6	20 57	17 42	4 33
M 8	22 48	20 56	2 28	15 43	4 8	12 46	2 3	19 22	1 23	17 17	0 52	22 44	0 21	23 29	0 21	22 26	1 2	3 2	16 45	19 32	19 7	20 57	17 43	4 33
T 9	22 53	21 1	1 29	15 46	4 8	13 9	2 2	19 12	1 23	17 20	0 52	22 44	0 20	23 30	0 21	22 26	1 2	3 2	16 45	19 33	19 8	20 57	17 44	4 33
W10	22 59	20 10	0 27	15 51	4 7	13 31	2 2	19 2	1 22	17 24	0 52	22 43	0 20	23 30	0 21	22 26	1 1	3 2	16 44	19 33	19 9	20 58	17 44	4 34
T 11	23 3	18 26	0n37	15 58	4 5	13 53	2 1	18 51	1 22	17 27	0 52	22 43	0 20	23 30	0 21	22 26	1 1	3 2	16 44	19 33	19 9	20 58	17 45	4 34
F 12	23 8	15 53	1 41	16 7	4 2	14 15	2 0	18 41	1 21	17 31	0 52	22 43	0 20	23 30	0 21	22 26	1 1	3 1	16 44	19 33	19 10	20 58	17 45	4 34
S 13	23 12	12 38	2 40	16 18	3 58	14 36	1 59	18 31	1 21	17 34	0 52	22 42	0 20	23 30	0 21	22 26	1 1	3 1	16 43	19 32	19 11	20 58	17 46	4 34
S 14	23 15	8 47	3 33	16 30	3 54	14 57	1 58	18 20	1 20	17 38	0 52	22 41	0 20	23 30	0 21	22 26	1 1	3 1	16 43	19 32	19 12	20 59	17 46	4 34
M15	23 18	4 28	4 18	16 43	3 48	15 18	1 57	18 9	1 20	17 41	0 52	22 41	0 20	23 31	0 21	22 26	1 1	3 1	16 42	19 32	19 12	20 59	17 47	4 34
T 16	23 21	0s12	4 51	16 58	3 42	15 38	1 56	17 59	1 19	17 44	0 52	22 40	0 20	23 31	0 21	22 25	1 1	3 1	16 42	19 32	19 13	20 59	17 47	4 34
W17	23 23	5 0	5 9	17 15	3 35	15 59	1 54	17 48	1 19	17 47	0 52	22 40	0 20	23 31	0 21	22 25	1 1	3 1	16 41	19 33	19 14	20 59	17 48	4 35
T 18	23 25	9 42	5 10	17 32	3 27	16 18	1 53	17 37	1 18	17 51	0 52	22 39	0 20	23 31	0 21	22 25	1 1	3 1	16 41	19 34	19 15	20 59	17 48	4 35
F 19	23 26	14 1	4 51	17 51	3 19	16 38	1 52	17 26	1 18	17 54	0 52	22 39	0 20	23 31	0 21	22 25	1 1	3 0	16 40	19 35	19 15	21 0	17 49	4 35
S 20	23 27	17 36	4 13	18 10	3 10	16 57	1 50	17 14	1 17	17 57	0 52	22 38	0 19	23 31	0 21	22 25	1 1	3 0	16 40	19 36	19 16	21 0	17 49	4 35
S 21	23 28	20 3	3 16	18 30	3 1	17 16	1 49	17 3	1 17	18 0	0 52	22 38	0 19	23 32	0 21	22 25	1 1	3 0	16 39	19 37	19 17	21 0	17 50	4 35
M22	23 28	21 5	2 6	18 51	2 51	17 34	1 47	16 52	1 16	18 3	0 52	22 37	0 19	23 32	0 21	22 25	1 1	3 0	16 39	19 38	19 18	21 0	17 50	4 35
T 23	23 28	20 35	0 46	19 13	2 40	17 52	1 45	16 40	1 15	18 6	0 52	22 36	0 19	23 32	0 21	22 25	1 1	2 59	16 38	19 38	19 18	21 0	17 50	4 36
W24	23 27	18 37	0s36	19 35	2 29	18 9	1 44	16 28	1 15	18 10	0 52	22 36	0 19	23 32	0 21	22 25	1 1	2 59	16 38	19 38	19 19	21 1	17 51	4 36
T 25	23 26	15 28	1 53	19 57	2 18	18 26	1 42	16 17	1 14	18 13	0 52	22 35	0 19	23 32	0 21	22 25	1 1	2 59	16 37	19 38	19 20	21 1	17 51	4 36
F 26	23 25	11 28	3 2	20 19	2 7	18 43	1 40	16 5	1 14	18 16	0 52	22 35	0 19	23 32	0 21	22 25	1 1	2 59	16 37	19 38	19 21	21 1	17 52	4 36
S 27	23 23	6 58	3 58	20 41	1 55	18 59	1 38	15 53	1 13	18 19	0 52	22 34	0 19	23 33	0 21	22 25	1 1	2 58	16 36	19 38	19 21	21 1	17 52	4 36
S 28	23 21	2 16	4 39	21 2	1 43	19 15	1 36	15 41	1 13	18 21	0 52	22 33	0 19	23 33	0 21	22 25	1 1	2 58	16 36	19 38	19 22	21 1	17 52	4 37
M29	23 18	3n24	5 5	21 24	1 31	19 30	1 34	15 29	1 12	18 24	0 52	22 33	0 19	23 33	0 21	22 25	1 1	2 58	16 35	19 38	19 23	21 2	17 53	4 37
T 30	23n15	6n52	5s14	21n44	1s18	19n45	1s32	15n16	1n12	18n27	0s52	22n32	0s18	23s33	0s21	22n25	1s 1	2n57	16n35	19n38	19n24	21n 2	17n53	4s37

Julian Day Number = 2356367.5, Delta T = 13.11 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'08, Lahiri = 20°13'09Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

JULY 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 34 18	8♋34'29	13♉16	20♊58	6♊44	22♌46	26♉18	13♋ 5	8°R28	3♋ 4	3°R24	2°R26	3♌28	13♋35	13♊44	W 1
T 2	18 38 15	9°31'42	25°31	22°42	7°55	23°22	26°30	13°13	8♑26	3° 6	3♏23	2♌23	3°25	13°42	13°49	T 2
F 3	18 42 12	10°28'55	7♊35	24°29	9° 6	23°58	26°43	13°21	8°23	3° 8	3°23	2°19	3°22	13°49	13°54	F 3
S 4	18 46 8	11°26'07	19°32	26°20	10°18	24°35	26°55	13°28	8°21	3°10	3°22	2°16	3°19	13°55	13°58	S 4
S 5	18 50 5	12°23'21	1♋23	28°13	11°29	25°11	27° 6	13°36	8°18	3°13	3°22	2°13	3°16	14° 2	14° 3	S 5
M 6	18 54 1	13°20'34	13°11	0♋ 8	12°41	25°48	27°18	13°44	8°16	3°15	3°22	2°11	3°13	14° 9	14° 8	M 6
T 7	18 57 58	14°17'47	24°58	2° 7	13°52	26°24	27°30	13°52	8°14	3°17	3°21	2°10	3° 9	14°15	14°13	T 7
W 8	19 1 54	15°15'01	6♌47	4° 7	15° 4	27° 1	27°42	14° 0	8°11	3°19	3°21	2°D10	3° 6	14°22	14°17	W 8
T 9	19 5 51	16°12'15	18°40	6°10	16°15	27°37	27°53	14° 7	8° 9	3°21	3°21	2°11	3° 3	14°28	14°22	T 9
F 10	19 9 48	17° 9'28	0♍39	8°14	17°27	28°14	28° 5	14°15	8° 6	3°24	3°21	2°12	3° 0	14°35	14°27	F 10
S 11	19 13 44	18° 6'42	12°48	10°20	18°39	28°50	28°16	14°23	8° 4	3°26	3°21	2°13	2°57	14°42	14°31	S 11
S 12	19 17 41	19° 3'56	25°11	12°26	19°51	29°27	28°28	14°31	8° 2	3°28	3°21	2°14	2°53	14°48	14°36	S 12
M13	19 21 37	20° 1'10	7♎51	14°34	21° 2	0♍ 4	28°39	14°39	7°59	3°30	3°21	2°15	2°50	14°55	14°40	M13
T 14	19 25 34	20°58'24	20°52	16°42	22°14	0°41	28°50	14°46	7°57	3°32	3°D21	2°R15	2°47	15° 2	14°45	T 14
W15	19 29 30	21°55'39	4♏17	18°51	23°26	1°17	29° 1	14°54	7°55	3°34	3°21	2°15	2°44	15° 8	14°49	W15
T 16	19 33 27	22°52'53	18° 7	20°59	24°38	1°54	29°12	15° 2	7°52	3°36	3°21	2°14	2°41	15°15	14°54	T 16
F 17	19 37 23	23°50'08	2♐24	23° 7	25°50	2°31	29°23	15°10	7°50	3°39	3°21	2°13	2°38	15°22	14°58	F 17
S 18	19 41 20	24°47'23	17° 3	25°15	27° 2	3° 8	29°34	15°18	7°48	3°41	3°21	2°13	2°34	15°28	15° 2	S 18
S 19	19 45 17	25°44'38	2♑ 1	27°22	28°14	3°45	29°45	15°25	7°45	3°43	3°21	2°12	2°31	15°35	15° 7	S 19
M20	19 49 13	26°41'54	17°10	29°28	29°26	4°22	29°55	15°33	7°43	3°45	3°21	2°11	2°28	15°42	15°11	M20
T 21	19 53 10	27°39'11	2♒21	1♌32	0♋38	4°59	0♊ 6	15°41	7°41	3°47	3°21	2°D11	2°25	15°48	15°15	T 21
W22	19 57 6	28°36'28	17°24	3°36	1°51	5°36	0°16	15°48	7°39	3°49	3°22	2°11	2°22	15°55	15°19	W22
T 23	20 1 3	29°33'45	2♓11	5°38	3° 3	6°13	0°27	15°56	7°37	3°51	3°22	2°12	2°19	16° 2	15°23	T 23
F 24	20 4 59	0♌31'04	16°37	7°39	4°15	6°51	0°37	16° 4	7°34	3°53	3°22	2°12	2°15	16° 8	15°28	F 24
S 25	20 8 56	1°28'23	0♈36	9°38	5°28	7°28	0°47	16°11	7°32	3°55	3°23	2°12	2°12	16°15	15°32	S 25
S 26	20 12 52	2°25'44	14° 9	11°36	6°40	8° 5	0°57	16°19	7°30	3°57	3°23	2°R12	2° 9	16°22	15°36	S 26
M27	20 16 49	3°23'05	27°16	13°32	7°52	8°42	1° 7	16°27	7°28	3°59	3°23	2°D12	2° 6	16°28	15°40	M27
T 28	20 20 46	4°20'28	10♉ 0	15°27	9° 5	9°20	1°17	16°34	7°26	4° 1	3°24	2°12	2° 3	16°35	15°44	T 28
W29	20 24 42	5°17'52	22°25	17°20	10°18	9°57	1°26	16°42	7°24	4° 3	3°24	2°12	1°59	16°41	15°48	W29
T 30	20 28 39	6°15'17	4♊35	19°11	11°30	10°34	1°36	16°49	7°22	4° 5	3°25	2°12	1°56	16°48	15°51	T 30
F 31	20 32 35	7♌12'43	16♊33	21♌ 1	12♋43	11♍12	1♊45	16♋57	7♑20	4♋ 7	3♏25	2♌13	1♌53	16♋55	15♊55	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	23n12	10n56	5s 9	22n 4	1s 6	19n59	1s30	15n 4	1n11	18n30	0s53	22n31	0s18	23s33	0s21	22n25	1s 1	2n57	16n34	19n39	19n24	21n 2	17n53	4s37
T 2	23 8	14 29	4 49	22 23	0 54	20 13	1 28	14 52	1 11	18 33	0 53	22 31	0 18	23 33	0 21	22 25	1 1	2 56	16 33	19 39	19 25	21 2	17 54	4 37
F 3	23 3	17 22	4 17	22 40	0 41	20 26	1 26	14 39	1 10	18 36	0 53	22 30	0 18	23 34	0 21	22 25	1 1	2 56	16 33	19 40	19 26	21 2	17 54	4 38
S 4	22 59	19 30	3 34	22 56	0 29	20 39	1 23	14 26	1 10	18 38	0 53	22 29	0 18	23 34	0 21	22 25	1 1	2 56	16 32	19 41	19 26	21 2	17 54	4 38
S 5	22 54	20 46	2 42	23 11	0 17	20 51	1 21	14 14	1 9	18 41	0 53	22 29	0 18	23 34	0 21	22 25	1 1	2 55	16 32	19 42	19 27	21 3	17 55	4 38
M 6	22 48	21 6	1 43	23 23	0 5	21 3	1 19	14 1	1 9	18 44	0 53	22 28	0 18	23 34	0 21	22 25	1 1	2 55	16 31	19 42	19 28	21 3	17 55	4 38
T 7	22 42	20 31	0 40	23 34	0n 7	21 14	1 16	13 48	1 8	18 46	0 53	22 27	0 18	23 34	0 21	22 25	1 1	2 54	16 31	19 42	19 29	21 3	17 55	4 39
W 8	22 36	19 1	0n26	23 42	0 18	21 25	1 14	13 35	1 8	18 49	0 53	22 26	0 18	23 34	0 21	22 25	1 1	2 54	16 30	19 42	19 29	21 3	17 56	4 39
T 9	22 29	16 41	1 30	23 48	0 28	21 35	1 11	13 22	1 7	18 52	0 53	22 26	0 18	23 35	0 21	22 25	1 1	2 53	16 30	19 42	19 30	21 3	17 56	4 39
F 10	22 22	13 37	2 31	23 51	0 39	21 44	1 9	13 9	1 6	18 54	0 53	22 25	0 18	23 35	0 21	22 24	1 1	2 53	16 29	19 42	19 31	21 3	17 56	4 39
S 11	22 15	9 57	3 27	23 52	0 48	21 53	1 6	12 55	1 6	18 57	0 53	22 24	0 18	23 35	0 21	22 24	1 1	2 52	16 28	19 42	19 32	21 3	17 56	4 40
S 12	22 7	5 48	4 14	23 50	0 57	22 1	1 4	12 42	1 5	18 59	0 53	22 23	0 17	23 35	0 21	22 24	1 1	2 52	16 28	19 41	19 32	21 3	17 57	4 40
M13	21 59	1 18	4 49	23 46	1 5	22 9	1 1	12 29	1 5	19 2	0 53	22 23	0 17	23 35	0 21	22 24	1 1	2 51	16 27	19 41	19 33	21 4	17 57	4 40
T 14	21 50	3s21	5 11	23 38	1 13	22 16	0 59	12 15	1 4	19 4	0 53	22 22	0 17	23 35	0 21	22 24	1 1	2 51	16 27	19 41	19 34	21 4	17 57	4 41
W15	21 41	7 59	5 17	23 28	1 20	22 22	0 56	12 1	1 4	19 6	0 53	22 21	0 17	23 35	0 21	22 24	1 1	2 50	16 26	19 41	19 35	21 4	17 57	4 41
T 16	21 32	12 22	5 5	23 15	1 26	22 28	0 54	11 48	1 3	19 9	0 53	22 20	0 17	23 36	0 21	22 24	1 1	2 50	16 25	19 41	19 35	21 4	17 57	4 41
F 17	21 22	16 11	4 35	22 59	1 31	22 34	0 51	11 34	1 3	19 11	0 53	22 20	0 17	23 36	0 21	22 24	1 1	2 49	16 25	19 41	19 36	21 4	17 58	4 42
S 18	21 12	19 6	3 45	22 41	1 36	22 38	0 48	11 20	1 2	19 13	0 53	22 19	0 17	23 36	0 21	22 24	1 1	2 49	16 24	19 42	19 37	21 4	17 58	4 42
S 19	21 1	20 47	2 40	22 21	1 40	22 42	0 45	11 6	1 2	19 15	0 53	22 18	0 17	23 36	0 21	22 24	1 1	2 48	16 24	19 42	19 37	21 4	17 58	4 42
M20	20 51	21 0	1 23	21 58	1 43	22 45	0 43	10 52	1 1	19 18	0 53	22 17	0 17	23 36	0 21	22 24	1 1	2 47	16 23	19 42	19 38	21 4	17 58	4 42
T 21	20 40	19 41	0s 1	21 33	1 45	22 48	0 40	10 38	1 1	19 20	0 53	22 16	0 17	23 36	0 21	22 24	1 1	2 47	16 23	19 42	19 39	21 4	17 58	4 43
W22	20 28	16 58	1 24	21 6	1 47	22 50	0 37	10 24	1 0	19 22	0 53	22 16	0 17	23 36	0 21	22 24	1 1	2 46	16 22	19 42	19 40	21 4	17 58	4 43
T 23	20 16	13 11	2 39	20 37	1 47	22 52	0 35	10 10	1 0	19 24	0 53	22 15	0 17	23 37	0 21	22 24	1 1	2 45	16 21	19 42	19 40	21 4	17 58	4 43
F 24	20 4	8 43	3 43	20 7	1 48	22 52	0 32	9 55	0 59	19 26	0 53	22 14	0 16	23 37	0 21	22 24	1 1	2 45	16 21	19 42	19 41	21 4	17 59	4 44
S 25	19 52	3 54	4 31	19 35	1 47	22 53	0 29	9 41	0 58	19 28	0 53	22 13	0 16	23 37	0 21	22 24	1 1	2 44	16 20	19 42	19 42	21 4	17 59	4 44
S 26	19 39	0n56	5 2	19 1	1 46	22 52	0 26	9 27	0 58	19 30	0 54	22 12	0 16	23 37	0 21	22 24	1 1	2 43	16 20	19 42	19 42	21 4	17 59	4 44
M27	19 26	5 35	5 17	18 27	1 44	22 51	0 23	9 12	0 57	19 32	0 54	22 11	0 16	23 37	0 21	22 23	1 1	2 43	16 19	19 42	19 43	21 5	17 59	4 45
T 28	19 12	9 51	5 15	17 51	1 42	22 49	0 21	8 58	0 57	19 34	0 54	22 11	0 16	23 37	0 21	22 23	1 1	2 42	16 18	19 42	19 44	21 5	17 59	4 45
W29	18 58	13 35	4 58	17 14	1 39	22 46	0 18	8 43	0 56	19 36	0 54	22 10	0 16	23 37	0 21	22 23	1 1	2 41	16 18	19 42	19 45	21 5	17 59	4 45
T 30	18 44	16 41	4 29	16 36	1 36	22 43	0 15	8 28	0 56	19 38	0 54	22 9	0 16	23 37	0 21	22 23	1 1	2 41	16 17	19 42	19 45	21 5	17 59	4 46
F 31	18n30	19n 1	3s48	15n58	1n32	22n39	0s12	8n14	0n55	19n40	0s54	22n 8	0s16	23s38	0s21	22n23	1s 1	2n40	16n17	19n42	19n46	21n 5	17n59	4s46

Julian Day Number = 2356397.5, Delta T = 13.13 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'13, Lahiri = 20°13'13Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

AUGUST 1739

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 32	8♌10'10	28♊24	22♌49	13♋55	11♍49	1♊55	17♋ 4	7°R18	4♋ 9	3♏26	2♌13	1♌50	17♋ 1	15♊59	S 1
S 2	20 40 28	9° 7'39	10♋12	24°35	15° 8	12°27	2° 4	17°12	7♑16	4°11	3°27	2°14	1°47	17° 8	16° 3	S 2
M 3	20 44 25	10° 5'08	21°59	26°20	16°21	13° 5	2°13	17°19	7°14	4°13	3°27	2°15	1°44	17°15	16° 6	M 3
T 4	20 48 21	11° 2'39	3♌49	28° 4	17°34	13°42	2°22	17°27	7°12	4°15	3°28	2°R15	1°40	17°21	16°10	T 4
W 5	20 52 18	12° 0'11	15°44	29°45	18°47	14°20	2°31	17°34	7°10	4°17	3°29	2°14	1°37	17°28	16°13	W 5
T 6	20 56 15	12°57'44	27°45	1♍26	20° 0	14°58	2°39	17°41	7° 8	4°18	3°29	2°14	1°34	17°35	16°17	T 6
F 7	21 0 11	13°55'17	9♍55	3° 4	21°13	15°35	2°48	17°49	7° 7	4°20	3°30	2°12	1°31	17°41	16°20	F 7
S 8	21 4 8	14°52'52	22°16	4°41	22°26	16°13	2°56	17°56	7° 5	4°22	3°31	2°11	1°28	17°48	16°24	S 8
S 9	21 8 4	15°50'28	4♎49	6°17	23°39	16°51	3° 5	18° 3	7° 3	4°24	3°32	2° 9	1°24	17°55	16°27	S 9
M10	21 12 1	16°48'05	17°37	7°51	24°52	17°29	3°13	18°10	7° 1	4°26	3°33	2° 7	1°21	18° 1	16°30	M10
T 11	21 15 57	17°45'42	0♏42	9°23	26° 5	18° 7	3°21	18°17	7° 0	4°27	3°34	2° 6	1°18	18° 8	16°34	T 11
W12	21 19 54	18°43'21	14° 5	10°54	27°18	18°45	3°29	18°25	6°58	4°29	3°35	2°D 5	1°15	18°15	16°37	W12
T 13	21 23 50	19°41'01	27°48	12°23	28°31	19°23	3°37	18°32	6°57	4°31	3°36	2° 5	1°12	18°21	16°40	T 13
F 14	21 27 47	20°38'42	11♐52	13°51	29°44	20° 1	3°44	18°39	6°55	4°32	3°37	2° 6	1° 9	18°28	16°43	F 14
S 15	21 31 43	21°36'24	26°15	15°17	0♌58	20°39	3°52	18°46	6°54	4°34	3°38	2° 7	1° 5	18°35	16°46	S 15
S 16	21 35 40	22°34'07	10♑54	16°42	2°11	21°17	3°59	18°53	6°52	4°36	3°39	2° 8	1° 2	18°41	16°49	S 16
M17	21 39 37	23°31'51	25°46	18° 5	3°24	21°55	4° 6	19° 0	6°51	4°37	3°40	2°R 9	0°59	18°48	16°52	M17
T 18	21 43 33	24°29'36	10♒44	19°26	4°38	22°34	4°13	19° 7	6°49	4°39	3°41	2° 9	0°56	18°54	16°55	T 18
W19	21 47 30	25°27'23	25°39	20°45	5°51	23°12	4°20	19°13	6°48	4°41	3°42	2° 8	0°53	19° 1	16°57	W19
T 20	21 51 26	26°25'11	10♓24	22° 3	7° 5	23°50	4°27	19°20	6°47	4°42	3°43	2° 6	0°50	19° 8	17° 0	T 20
F 21	21 55 23	27°23'00	24°51	23°19	8°18	24°29	4°33	19°27	6°45	4°44	3°45	2° 2	0°46	19°14	17° 3	F 21
S 22	21 59 19	28°20'51	8♈56	24°33	9°32	25° 7	4°40	19°34	6°44	4°45	3°46	1°59	0°43	19°21	17° 5	S 22
S 23	22 3 16	29°18'44	22°34	25°45	10°45	25°45	4°46	19°40	6°43	4°47	3°47	1°55	0°40	19°28	17° 8	S 23
M24	22 7 12	0♍16'39	5♉46	26°56	11°59	26°24	4°52	19°47	6°42	4°48	3°48	1°52	0°37	19°34	17°10	M24
T 25	22 11 9	1°14'35	18°34	28° 4	13°13	27° 2	4°58	19°53	6°41	4°49	3°50	1°50	0°34	19°41	17°13	T 25
W26	22 15 6	2°12'34	1♊ 0	29°10	14°26	27°41	5° 4	20° 0	6°40	4°51	3°51	1°D49	0°30	19°48	17°15	W26
T 27	22 19 2	3°10'34	13° 9	0♎13	15°40	28°20	5°10	20° 6	6°39	4°52	3°53	1°50	0°27	19°54	17°17	T 27
F 28	22 22 59	4° 8'36	25° 6	1°14	16°54	28°58	5°15	20°13	6°38	4°54	3°54	1°51	0°24	20° 1	17°19	F 28
S 29	22 26 55	5° 6'40	6♋55	2°13	18° 8	29°37	5°20	20°19	6°37	4°55	3°56	1°53	0°21	20° 8	17°21	S 29
S 30	22 30 52	6° 4'46	18°43	3° 9	19°22	0♎16	5°25	20°25	6°36	4°56	3°57	1°54	0°18	20°14	17°23	S 30
M31	22 34 48	7♍ 2'54	0♌32	4♎ 2	20♌36	0♎55	5♊30	20♋32	6♑35	4♋57	3♏59	1°R55	0♌15	20♋21	17♊25	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	18n15	20n31	2s57	15n18	1n27	22n35	0s10	7n59	0n55	19n42	0s54	22n 7	0s16	23 s38	0s21	22n23	1s 1	2n39	16n16	19n41	19n47	21n 5	17n59	4s47
S 2	18 0	21 6	1 59	14 39	1 23	22 30	0 7	7 44	0 54	19 43	0 54	22 6	0 16	23 38	0 21	22 23	1 1	2 38	16 16	19 41	19 47	21 5	17 59	4 47
M 3	17 45	20 44	0 57	13 58	1 17	22 24	0 4	7 29	0 54	19 45	0 54	22 5	0 16	23 38	0 21	22 23	1 1	2 38	16 15	19 41	19 48	21 5	17 59	4 47
T 4	17 29	19 28	0n 9	13 17	1 12	22 18	0 1	7 14	0 53	19 47	0 54	22 5	0 16	23 38	0 21	22 23	1 1	2 37	16 14	19 41	19 49	21 5	17 59	4 48
W 5	17 13	17 19	1 14	12 36	1 6	22 10	0n 1	6 59	0 53	19 48	0 54	22 4	0 15	23 38	0 21	22 23	1 1	2 36	16 14	19 41	19 50	21 5	17 59	4 48
T 6	16 57	14 25	2 17	11 55	1 0	22 3	0 4	6 44	0 52	19 50	0 54	22 3	0 15	23 38	0 21	22 23	1 1	2 35	16 13	19 41	19 50	21 5	17 59	4 48
F 7	16 40	10 51	3 14	11 13	0 53	21 54	0 7	6 29	0 51	19 52	0 54	22 2	0 15	23 38	0 21	22 23	1 1	2 35	16 13	19 42	19 51	21 5	17 59	4 49
S 8	16 24	6 48	4 3	10 31	0 46	21 45	0 9	6 14	0 51	19 53	0 54	22 1	0 15	23 38	0 21	22 23	1 1	2 34	16 12	19 42	19 52	21 5	17 59	4 49
S 9	16 7	2 23	4 41	9 49	0 39	21 36	0 12	5 58	0 50	19 55	0 54	22 0	0 15	23 38	0 21	22 23	1 1	2 33	16 11	19 43	19 52	21 5	17 59	4 50
M10	15 49	2s12	5 6	9 7	0 31	21 25	0 14	5 43	0 50	19 56	0 55	21 59	0 15	23 38	0 21	22 22	1 1	2 32	16 11	19 43	19 53	21 5	17 59	4 50
T 11	15 32	6 47	5 16	8 26	0 24	21 14	0 17	5 28	0 49	19 58	0 55	21 58	0 15	23 39	0 21	22 22	1 1	2 31	16 10	19 43	19 54	21 5	17 59	4 50
W12	15 14	11 10	5 9	7 44	0 16	21 3	0 20	5 12	0 49	19 59	0 55	21 57	0 15	23 39	0 21	22 22	1 1	2 31	16 10	19 43	19 54	21 5	17 58	4 51
T 13	14 56	15 4	4 45	7 2	0 8	20 51	0 22	4 57	0 48	20 0	0 55	21 57	0 15	23 39	0 21	22 22	1 1	2 30	16 9	19 43	19 55	21 5	17 58	4 51
F 14	14 38	18 13	4 3	6 21	0s 1	20 38	0 25	4 41	0 48	20 2	0 55	21 56	0 15	23 39	0 21	22 22	1 1	2 29	16 9	19 43	19 56	21 5	17 58	4 52
S 15	14 19	20 20	3 6	5 40	0 9	20 25	0 27	4 26	0 47	20 3	0 55	21 55	0 15	23 39	0 21	22 22	1 2	2 28	16 8	19 43	19 57	21 4	17 58	4 52
S 16	14 1	21 7	1 55	4 59	0 18	20 11	0 30	4 10	0 47	20 4	0 55	21 54	0 15	23 39	0 21	22 22	1 2	2 27	16 8	19 43	19 57	21 4	17 58	4 53
M17	13 42	20 27	0 35	4 18	0 27	19 56	0 32	3 55	0 46	20 6	0 55	21 53	0 15	23 39	0 21	22 22	1 2	2 26	16 7	19 42	19 58	21 4	17 58	4 53
T 18	13 23	18 19	0s47	3 38	0 36	19 41	0 34	3 39	0 45	20 7	0 55	21 52	0 14	23 39	0 21	22 22	1 2	2 25	16 7	19 42	19 59	21 4	17 58	4 53
W19	13 3	14 58	2 6	2 59	0 45	19 26	0 37	3 23	0 45	20 8	0 55	21 51	0 14	23 39	0 21	22 22	1 2	2 24	16 6	19 43	19 59	21 4	17 57	4 54
T 20	12 44	10 41	3 15	2 19	0 54	19 9	0 39	3 8	0 44	20 9	0 55	21 50	0 14	23 39	0 21	22 22	1 2	2 24	16 5	19 43	20 0	21 4	17 57	4 54
F 21	12 24	5 53	4 11	1 41	1 4	18 53	0 41	2 52	0 44	20 10	0 55	21 49	0 14	23 39	0 21	22 22	1 2	2 23	16 5	19 44	20 1	21 4	17 57	4 55
S 22	12 4	0 53	4 49	1 3	1 13	18 35	0 43	2 36	0 43	20 11	0 55	21 49	0 14	23 39	0 21	22 22	1 2	2 22	16 4	19 45	20 1	21 4	17 57	4 55
S 23	11 44	4n 0	5 10	0 26	1 23	18 17	0 46	2 21	0 43	20 13	0 56	21 48	0 14	23 39	0 21	22 22	1 2	2 21	16 4	19 46	20 2	21 4	17 57	4 56
M24	11 23	8 32	5 13	0s11	1 32	17 59	0 48	2 5	0 42	20 14	0 56	21 47	0 14	23 39	0 21	22 21	1 2	2 20	16 3	19 46	20 3	21 4	17 56	4 56
T 25	11 3	12 33	5 1	0 47	1 41	17 40	0 50	1 49	0 42	20 15	0 56	21 46	0 14	23 39	0 21	22 21	1 2	2 19	16 3	19 47	20 3	21 4	17 56	4 57
W26	10 42	15 55	4 34	1 22	1 51	17 21	0 52	1 33	0 41	20 15	0 56	21 45	0 14	23 40	0 21	22 21	1 2	2 18	16 2	19 47	20 4	21 4	17 56	4 57
T 27	10 21	18 30	3 56	1 56	2 0	17 1	0 54	1 17	0 41	20 16	0 56	21 44	0 14	23 40	0 21	22 21	1 2	2 17	16 2	19 47	20 5	21 4	17 56	4 57
F 28	10 0	20 15	3 8	2 29	2 10	16 41	0 56	1 1	0 40	20 17	0 56	21 43	0 14	23 40	0 21	22 21	1 2	2 16	16 1	19 47	20 6	21 3	17 55	4 58
S 29	9 39	21 5	2 13	3 1	2 19	16 20	0 58	0 45	0 39	20 18	0 56	21 42	0 14	23 40	0 21	22 21	1 2	2 15	16 1	19 46	20 6	21 3	17 55	4 58
S 30	9 18	20 59	1 12	3 31	2 28	15 58	0 59	0 29	0 39	20 19	0 56	21 42	0 14	23 40	0 21	22 21	1 2	2 14	16 0	19 46	20 7	21 3	17 55	4 59
M31	8n56	19n57	0s 8	4s 1	2s37	15n37	1n 1	0n13	0n38	20n20	0s56	21n41	0s14	23 s40	0s21	22n21	1s 2	2n14	16n 0	19n46	20n 8	21n 3	17n55	4s59

Julian Day Number = 2356428.5, Delta T = 13.15 sec
Ecliptic obliquity = 23°28'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'17, Lahiri = 20°13'17Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

SEPTEMBER 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 38 45	8♍ 1'04	12♌26	4♎52	21♌50	1♎33	5♊35	20♋38	6°R34	4♋59	4♏ 0	1°R54	0♌11	20♋28	17♊27	T 1
W 2	22 42 41	8°59'15	24°29	5°39	23° 4	2°12	5°40	20°44	6♌34	5° 0	4° 2	1♌52	0° 8	20°34	17°29	W 2
T 3	22 46 38	9°57'28	6♍42	6°23	24°18	2°51	5°44	20°50	6°33	5° 1	4° 3	1°48	0° 5	20°41	17°31	T 3
F 4	22 50 35	10°55'43	19° 8	7° 2	25°32	3°30	5°48	20°56	6°32	5° 2	4° 5	1°42	0° 2	20°47	17°33	F 4
S 5	22 54 31	11°54'00	1♎47	7°38	26°46	4° 9	5°52	21° 2	6°32	5° 3	4° 7	1°36	29♋59	20°54	17°34	S 5
S 6	22 58 28	12°52'18	14°38	8° 9	28° 0	4°48	5°56	21° 8	6°31	5° 4	4° 8	1°28	29°56	21° 1	17°36	S 6
M 7	23 2 24	13°50'38	27°43	8°36	29°14	5°28	6° 0	21°13	6°31	5° 5	4°10	1°22	29°52	21° 7	17°37	M 7
T 8	23 6 21	14°49'00	11♏ 1	8°58	0♍29	6° 7	6° 4	21°19	6°30	5° 6	4°12	1°16	29°49	21°14	17°39	T 8
W 9	23 10 17	15°47'24	24°32	9°15	1°43	6°46	6° 7	21°25	6°30	5° 7	4°13	1°12	29°46	21°21	17°40	W 9
T 10	23 14 14	16°45'49	8♐15	9°26	2°57	7°25	6°10	21°30	6°30	5° 8	4°15	1°10	29°43	21°27	17°41	T 10
F 11	23 18 10	17°44'15	22°11	9°R32	4°11	8° 5	6°13	21°36	6°29	5° 9	4°17	1°D10	29°40	21°34	17°42	F 11
S 12	23 22 7	18°42'43	6♑20	9°31	5°26	8°44	6°16	21°41	6°29	5°10	4°19	1°11	29°36	21°41	17°44	S 12
S 13	23 26 4	19°41'13	20°40	9°24	6°40	9°23	6°18	21°46	6°29	5°11	4°21	1°12	29°33	21°47	17°45	S 13
M14	23 30 0	20°39'45	5♒ 8	9°10	7°55	10° 3	6°21	21°52	6°29	5°12	4°23	1°R12	29°30	21°54	17°46	M14
T 15	23 33 57	21°38'18	19°42	8°49	9° 9	10°42	6°23	21°57	6°29	5°13	4°25	1°11	29°27	22° 1	17°46	T 15
W16	23 37 53	22°36'52	4♓17	8°21	10°23	11°22	6°25	22° 2	6°D29	5°14	4°26	1° 7	29°24	22° 7	17°47	W16
T 17	23 41 50	23°35'29	18°45	7°46	11°38	12° 1	6°27	22° 7	6°29	5°14	4°28	1° 1	29°21	22°14	17°48	T 17
F 18	23 45 46	24°34'07	3♈ 1	7° 4	12°52	12°41	6°28	22°12	6°29	5°15	4°30	0°53	29°17	22°21	17°49	F 18
S 19	23 49 43	25°32'48	16°59	6°16	14° 7	13°21	6°30	22°17	6°29	5°16	4°32	0°44	29°14	22°27	17°49	S 19
S 20	23 53 39	26°31'31	0♉36	5°22	15°22	14° 0	6°31	22°22	6°29	5°16	4°34	0°35	29°11	22°34	17°50	S 20
M21	23 57 36	27°30'15	13°48	4°22	16°36	14°40	6°32	22°27	6°29	5°17	4°36	0°27	29° 8	22°40	17°50	M21
T 22	0 1 32	28°29'02	26°37	3°19	17°51	15°20	6°33	22°31	6°30	5°17	4°38	0°20	29° 5	22°47	17°50	T 22
W23	0 5 29	29°27'52	9♊ 4	2°14	19° 6	16° 0	6°33	22°36	6°30	5°18	4°40	0°16	29° 1	22°54	17°51	W23
T 24	0 9 26	0♎26'43	21°14	1° 7	20°20	16°40	6°34	22°40	6°30	5°19	4°43	0°14	28°58	23° 0	17°51	T 24
F 25	0 13 22	1°25'37	3♋12	0° 0	21°35	17°20	6°34	22°45	6°31	5°19	4°45	0°D13	28°55	23° 7	17°51	F 25
S 26	0 17 19	2°24'33	15° 2	28♍56	22°50	18° 0	6°R34	22°49	6°31	5°20	4°47	0°14	28°52	23°14	17°R51	S 26
S 27	0 21 15	3°23'32	26°49	27°56	24° 4	18°40	6°34	22°53	6°32	5°20	4°49	0°R14	28°49	23°20	17°51	S 27
M28	0 25 12	4°22'32	8♌40	27° 1	25°19	19°20	6°34	22°57	6°33	5°20	4°51	0°14	28°46	23°27	17°51	M28
T 29	0 29 8	5°21'35	20°39	26°14	26°34	20° 0	6°33	23° 1	6°33	5°21	4°53	0°12	28°42	23°34	17°51	T 29
W30	0 33 5	6♎20'40	2♍50	25♍35	27♍49	20♎40	6♊32	23♋ 5	6♑34	5♋21	4♏55	0♌ 7	28♋39	23♋40	17♊51	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	8n34	18n 1	0n57	4s29	2s46	15n14	1n 3	0s 3	0n38	20n21	0s56	21n40	0s13	23s40	0s21	22n21	1s 2	2n13	15n59	19n46	20n 8	21n 3	17n54	5s 0
W 2	8 13	15 16	2 0	4 55	2 55	14 52	1 5	0 19	0 37	20 21	0 56	21 39	0 13	23 40	0 21	22 21	1 2	2 12	15 59	19 46	20 9	21 3	17 54	5 0
T 3	7 51	11 49	2 58	5 20	3 3	14 29	1 6	0 35	0 37	20 22	0 56	21 38	0 13	23 40	0 21	22 21	1 2	2 11	15 58	19 47	20 10	21 3	17 54	5 1
F 4	7 29	7 49	3 49	5 44	3 12	14 5	1 8	0 51	0 36	20 23	0 57	21 37	0 13	23 40	0 21	22 21	1 2	2 10	15 58	19 48	20 10	21 3	17 53	5 1
S 5	7 6	3 24	4 29	6 5	3 19	13 42	1 9	1 7	0 36	20 23	0 57	21 37	0 13	23 40	0 21	22 21	1 2	2 9	15 58	19 50	20 11	21 2	17 53	5 2
S 6	6 44	1s13	4 56	6 24	3 27	13 17	1 11	1 23	0 35	20 24	0 57	21 36	0 13	23 40	0 21	22 21	1 2	2 8	15 57	19 52	20 12	21 2	17 53	5 2
M 7	6 22	5 52	5 9	6 41	3 34	12 53	1 12	1 39	0 34	20 24	0 57	21 35	0 13	23 40	0 21	22 21	1 2	2 7	15 57	19 53	20 12	21 2	17 52	5 3
T 8	5 59	10 19	5 5	6 56	3 40	12 28	1 13	1 55	0 34	20 25	0 57	21 34	0 13	23 40	0 21	22 20	1 2	2 6	15 56	19 54	20 13	21 2	17 52	5 3
W 9	5 37	14 20	4 44	7 8	3 46	12 2	1 15	2 11	0 33	20 25	0 57	21 33	0 13	23 40	0 21	22 20	1 2	2 5	15 56	19 55	20 14	21 2	17 52	5 4
T 10	5 14	17 39	4 7	7 17	3 51	11 37	1 16	2 27	0 33	20 26	0 57	21 32	0 13	23 40	0 21	22 20	1 2	2 4	15 55	19 56	20 14	21 2	17 51	5 4
F 11	4 51	20 0	3 15	7 23	3 55	11 11	1 17	2 43	0 32	20 26	0 57	21 32	0 13	23 40	0 21	22 20	1 2	2 3	15 55	19 56	20 15	21 1	17 51	5 5
S 12	4 28	21 9	2 10	7 26	3 59	10 45	1 18	2 59	0 32	20 27	0 57	21 31	0 13	23 40	0 21	22 20	1 2	2 2	15 55	19 55	20 16	21 1	17 50	5 5
S 13	4 5	20 57	0 57	7 25	4 1	10 18	1 19	3 15	0 31	20 27	0 57	21 30	0 13	23 40	0 21	22 20	1 2	2 1	15 54	19 55	20 16	21 1	17 50	5 6
M14	3 42	19 21	0s21	7 21	4 2	9 51	1 20	3 31	0 30	20 27	0 57	21 29	0 12	23 40	0 21	22 20	1 2	2 0	15 54	19 55	20 17	21 1	17 50	5 6
T 15	3 19	16 29	1 38	7 12	4 2	9 24	1 21	3 47	0 30	20 28	0 58	21 29	0 12	23 40	0 21	22 20	1 2	1 59	15 53	19 55	20 18	21 1	17 49	5 7
W16	2 56	12 34	2 48	7 0	4 0	8 57	1 22	4 3	0 29	20 28	0 58	21 28	0 12	23 40	0 21	22 20	1 2	1 58	15 53	19 56	20 18	21 0	17 49	5 7
T 17	2 33	7 56	3 47	6 43	3 57	8 29	1 23	4 19	0 29	20 28	0 58	21 27	0 12	23 40	0 21	22 20	1 2	1 57	15 53	19 58	20 19	21 0	17 48	5 8
F 18	2 10	2 56	4 31	6 22	3 52	8 1	1 23	4 35	0 28	20 28	0 58	21 26	0 12	23 40	0 21	22 20	1 2	1 56	15 52	19 59	20 20	21 0	17 48	5 8
S 19	1 46	2n 6	4 57	5 56	3 45	7 33	1 24	4 51	0 28	20 28	0 58	21 26	0 12	23 40	0 21	22 20	1 2	1 55	15 52	20 1	20 20	21 0	17 47	5 9
S 20	1 23	6 55	5 6	5 27	3 37	7 4	1 24	5 7	0 27	20 29	0 58	21 25	0 12	23 40	0 21	22 20	1 2	1 54	15 51	20 3	20 21	21 0	17 47	5 9
M21	1 0	11 16	4 58	4 53	3 26	6 36	1 25	5 23	0 27	20 29	0 58	21 24	0 12	23 40	0 21	22 20	1 2	1 53	15 51	20 5	20 22	20 59	17 47	5 10
T 22	0 36	14 58	4 35	4 17	3 13	6 7	1 25	5 39	0 26	20 29	0 58	21 24	0 12	23 40	0 21	22 20	1 2	1 52	15 51	20 6	20 22	20 59	17 46	5 10
W23	0 13	17 54	3 59	3 37	2 59	5 38	1 26	5 55	0 25	20 29	0 58	21 23	0 12	23 40	0 21	22 20	1 2	1 51	15 50	20 7	20 23	20 59	17 46	5 11
T 24	0s11	19 58	3 13	2 56	2 43	5 9	1 26	6 11	0 25	20 29	0 58	21 22	0 12	23 40	0 21	22 20	1 2	1 50	15 50	20 8	20 24	20 59	17 45	5 11
F 25	0 34	21 6	2 20	2 13	2 25	4 40	1 26	6 26	0 24	20 29	0 58	21 22	0 12	23 40	0 21	22 20	1 2	1 49	15 50	20 8	20 24	20 58	17 45	5 12
S 26	0 58	21 17	1 21	1 31	2 7	4 10	1 26	6 42	0 24	20 29	0 58	21 21	0 12	23 40	0 21	22 19	1 2	1 48	15 49	20 8	20 25	20 58	17 44	5 12
S 27	1 21	20 31	0 18	0 49	1 47	3 41	1 27	6 58	0 23	20 28	0 58	21 20	0 12	23 40	0 21	22 19	1 2	1 47	15 49	20 8	20 26	20 58	17 44	5 13
M28	1 44	18 50	0n45	0 8	1 27	3 11	1 27	7 14	0 23	20 28	0 59	21 20	0 11	23 40	0 21	22 19	1 2	1 46	15 49	20 8	20 26	20 58	17 43	5 13
T 29	2 8	16 19	1 47	0n29	1 6	2 41	1 27	7 30	0 22	20 28	0 59	21 19	0 11	23 40	0 21	22 19	1 3	1 45	15 49	20 8	20 27	20 57	17 43	5 14
W30	2s31	13n 2	2n45	1n 3	0s46	2n11	1n26	7s45	0n21	20n28	0s59	21n18	0s11	23s39	0s21	22n19	1s 3	1n45	15n48	20n 9	20n27	20n57	17n42	5s14

Julian Day Number = 2356459.5, Delta T = 13.17 sec
Ecliptic obliquity = 23°28'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'21, Lahiri = 20°13'22Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

OCTOBER 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 1	7♎19'48	15♍15	25°R 5	29♍ 4	21♎21	6°R31	23♋ 9	6♌35	5♋21	4♏58	0°R 0	28♋36	23♋47	17°R50	T 1
F 2	0 40 58	8°18'57	27°57	24♍45	0♎19	22° 1	6♊30	23°13	6°35	5°22	5° 0	29♋51	28°33	23°54	17♊50	F 2
S 3	0 44 55	9°18'09	10♎56	24°D36	1°34	22°41	6°29	23°17	6°36	5°22	5° 2	29°39	28°30	24° 0	17°49	S 3
S 4	0 48 51	10°17'22	24°11	24°38	2°49	23°22	6°27	23°20	6°37	5°22	5° 4	29°27	28°27	24° 7	17°49	S 4
M 5	0 52 48	11°16'38	7♏39	24°50	4° 4	24° 2	6°25	23°24	6°38	5°22	5° 7	29°16	28°23	24°13	17°48	M 5
T 6	0 56 44	12°15'56	21°19	25°12	5°19	24°43	6°23	23°27	6°39	5°22	5° 9	29° 6	28°20	24°20	17°47	T 6
W 7	1 0 41	13°15'15	5♐ 8	25°44	6°34	25°23	6°21	23°30	6°40	5°22	5°11	28°58	28°17	24°27	17°46	W 7
T 8	1 4 37	14°14'36	19° 4	26°26	7°49	26° 4	6°19	23°34	6°41	5°22	5°13	28°53	28°14	24°33	17°46	T 8
F 9	1 8 34	15°14'00	3♑ 4	27°16	9° 4	26°45	6°16	23°37	6°42	5°R22	5°16	28°51	28°11	24°40	17°45	F 9
S 10	1 12 30	16°13'24	17° 8	28°13	10°19	27°25	6°13	23°40	6°44	5°22	5°18	28°D51	28° 7	24°47	17°44	S 10
S 11	1 16 27	17°12'51	1♒15	29°17	11°34	28° 6	6°10	23°43	6°45	5°22	5°20	28°R51	28° 4	24°53	17°43	S 11
M12	1 20 24	18°12'19	15°24	0♎28	12°49	28°47	6° 7	23°45	6°46	5°22	5°23	28°50	28° 1	25° 0	17°41	M12
T 13	1 24 20	19°11'49	29°34	1°44	14° 4	29°28	6° 4	23°48	6°47	5°22	5°25	28°47	27°58	25° 7	17°40	T 13
W14	1 28 17	20°11'21	13♓42	3° 4	15°19	0♏ 9	6° 0	23°51	6°49	5°22	5°27	28°42	27°55	25°13	17°39	W14
T 15	1 32 13	21°10'55	27°45	4°29	16°34	0°50	5°56	23°53	6°50	5°22	5°30	28°33	27°52	25°20	17°37	T 15
F 16	1 36 10	22°10'30	11♈39	5°57	17°49	1°31	5°52	23°55	6°52	5°22	5°32	28°22	27°48	25°27	17°36	F 16
S 17	1 40 6	23°10'08	25°19	7°27	19° 4	2°12	5°48	23°58	6°53	5°21	5°35	28°10	27°45	25°33	17°34	S 17
S 18	1 44 3	24° 9'47	8♉42	9° 0	20°19	2°53	5°44	24° 0	6°55	5°21	5°37	27°57	27°42	25°40	17°33	S 18
M19	1 47 59	25° 9'29	21°46	10°35	21°35	3°34	5°40	24° 2	6°56	5°21	5°39	27°45	27°39	25°46	17°31	M19
T 20	1 51 56	26° 9'13	4♊30	12°12	22°50	4°15	5°35	24° 4	6°58	5°20	5°42	27°35	27°36	25°53	17°29	T 20
W21	1 55 53	27° 8'59	16°56	13°49	24° 5	4°56	5°30	24° 6	7° 0	5°20	5°44	27°27	27°32	26° 0	17°27	W21
T 22	1 59 49	28° 8'47	29° 5	15°28	25°20	5°38	5°25	24° 8	7° 2	5°19	5°47	27°23	27°29	26° 6	17°26	T 22
F 23	2 3 46	29° 8'37	11♋ 2	17° 7	26°35	6°19	5°20	24° 9	7° 3	5°19	5°49	27°20	27°26	26°13	17°24	F 23
S 24	2 7 42	0♏ 8'30	22°51	18°46	27°51	7° 0	5°15	24°11	7° 5	5°19	5°51	27°20	27°23	26°20	17°22	S 24
S 25	2 11 39	1° 8'25	4♌39	20°26	29° 6	7°42	5° 9	24°12	7° 7	5°18	5°54	27°20	27°20	26°26	17°19	S 25
M26	2 15 35	2° 8'22	16°30	22° 6	0♏21	8°23	5° 3	24°13	7° 9	5°17	5°56	27°19	27°17	26°33	17°17	M26
T 27	2 19 32	3° 8'21	28°31	23°46	1°36	9° 5	4°58	24°15	7°11	5°17	5°59	27°17	27°13	26°40	17°15	T 27
W28	2 23 28	4° 8'22	10♍45	25°26	2°52	9°47	4°52	24°16	7°13	5°16	6° 1	27°13	27°10	26°46	17°13	W28
T 29	2 27 25	5° 8'25	23°17	27° 6	4° 7	10°28	4°46	24°17	7°15	5°16	6° 4	27° 5	27° 7	26°53	17°10	T 29
F 30	2 31 22	6° 8'31	6♎11	28°46	5°22	11°10	4°39	24°17	7°17	5°15	6° 6	26°55	27° 4	27° 0	17° 8	F 30
S 31	2 35 18	7♏ 8'38	19♎26	0♏25	6♏37	11♏52	4♊33	24♋18	7♌20	5♋14	6♏ 8	26♋44	27♋ 1	27♋ 6	17♊ 5	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	2s55	9n 8	3n36	1n33	0s26	1n42	1n26	8s 1	0n21	20n28	0s59	21n18	0s11	23s39	0s21	22n19	1s 3	1n44	15n48	20n11	20n28	20n57	17n42	5s15
F 2	3 18	4 45	4 17	1 59	0 7	1 11	1 26	8 16	0 20	20 27	0 59	21 17	0 11	23 39	0 21	22 19	1 3	1 43	15 48	20 13	20 29	20 57	17 41	5 15
S 3	3 41	0 3	4 46	2 19	0n11	0 41	1 26	8 32	0 20	20 27	0 59	21 17	0 11	23 39	0 21	22 19	1 3	1 42	15 47	20 15	20 29	20 56	17 41	5 16
S 4	4 5	4s44	5 1	2 34	0 28	0 11	1 25	8 48	0 19	20 27	0 59	21 16	0 11	23 39	0 21	22 19	1 3	1 41	15 47	20 18	20 30	20 56	17 40	5 16
M 5	4 28	9 22	4 59	2 43	0 43	0s19	1 25	9 3	0 18	20 26	0 59	21 16	0 11	23 39	0 21	22 19	1 3	1 40	15 47	20 20	20 31	20 56	17 39	5 17
T 6	4 51	13 37	4 40	2 47	0 57	0 49	1 24	9 18	0 18	20 26	0 59	21 15	0 11	23 39	0 21	22 19	1 3	1 39	15 47	20 22	20 31	20 55	17 39	5 17
W 7	5 14	17 11	4 4	2 46	1 10	1 19	1 24	9 34	0 17	20 26	0 59	21 15	0 11	23 39	0 21	22 19	1 3	1 38	15 46	20 24	20 32	20 55	17 38	5 17
T 8	5 37	19 48	3 14	2 40	1 21	1 50	1 23	9 49	0 17	20 25	0 59	21 14	0 11	23 39	0 21	22 19	1 3	1 37	15 46	20 25	20 33	20 55	17 38	5 18
F 9	6 0	21 14	2 12	2 29	1 31	2 20	1 23	10 4	0 16	20 25	0 59	21 14	0 11	23 39	0 21	22 19	1 3	1 36	15 46	20 25	20 33	20 55	17 37	5 18
S 10	6 23	21 21	1 2	2 13	1 39	2 50	1 22	10 20	0 16	20 24	0 59	21 13	0 11	23 39	0 21	22 19	1 3	1 35	15 46	20 25	20 34	20 54	17 37	5 19
S 11	6 46	20 7	0s13	1 54	1 46	3 20	1 21	10 35	0 15	20 24	0 59	21 13	0 10	23 39	0 21	22 19	1 3	1 34	15 46	20 25	20 35	20 54	17 36	5 19
M12	7 9	17 37	1 27	1 31	1 51	3 50	1 20	10 50	0 14	20 23	0 59	21 13	0 10	23 39	0 21	22 19	1 3	1 33	15 45	20 25	20 35	20 54	17 35	5 20
T 13	7 32	14 3	2 35	1 5	1 56	4 20	1 19	11 5	0 14	20 22	1 0	21 12	0 10	23 39	0 21	22 19	1 3	1 32	15 45	20 26	20 36	20 53	17 35	5 20
W14	7 54	9 42	3 34	0 35	1 59	4 50	1 18	11 20	0 13	20 22	1 0	21 12	0 10	23 39	0 21	22 19	1 3	1 32	15 45	20 27	20 36	20 53	17 34	5 21
T 15	8 16	4 51	4 19	0 4	2 1	5 20	1 17	11 35	0 13	20 21	1 0	21 11	0 10	23 39	0 21	22 19	1 3	1 31	15 45	20 29	20 37	20 53	17 34	5 21
F 16	8 39	0n12	4 48	0s30	2 2	5 50	1 16	11 50	0 12	20 20	1 0	21 11	0 10	23 38	0 21	22 19	1 3	1 30	15 45	20 31	20 38	20 52	17 33	5 22
S 17	9 1	5 9	5 0	1 6	2 2	6 19	1 15	12 4	0 11	20 19	1 0	21 11	0 10	23 38	0 21	22 19	1 3	1 29	15 45	20 33	20 38	20 52	17 33	5 22
S 18	9 23	9 45	4 55	1 43	2 1	6 49	1 14	12 19	0 11	20 19	1 0	21 11	0 10	23 38	0 21	22 19	1 3	1 28	15 44	20 36	20 39	20 52	17 32	5 23
M19	9 45	13 48	4 35	2 22	2 0	7 18	1 13	12 34	0 10	20 18	1 0	21 10	0 10	23 38	0 21	22 19	1 3	1 27	15 44	20 38	20 40	20 51	17 31	5 23
T 20	10 7	17 7	4 1	3 1	1 58	7 47	1 11	12 48	0 10	20 17	1 0	21 10	0 10	23 38	0 21	22 19	1 3	1 26	15 44	20 40	20 40	20 51	17 31	5 24
W21	10 28	19 34	3 16	3 42	1 55	8 16	1 10	13 3	0 9	20 16	1 0	21 10	0 10	23 38	0 21	22 19	1 3	1 25	15 44	20 42	20 41	20 50	17 30	5 24
T 22	10 50	21 4	2 24	4 23	1 52	8 45	1 8	13 17	0 9	20 15	1 0	21 10	0 10	23 38	0 21	22 19	1 3	1 25	15 44	20 43	20 41	20 50	17 29	5 24
F 23	11 11	21 36	1 25	5 4	1 48	9 14	1 7	13 31	0 8	20 14	1 0	21 9	0 10	23 38	0 21	22 19	1 3	1 24	15 44	20 43	20 42	20 50	17 29	5 25
S 24	11 32	21 9	0 24	5 46	1 44	9 42	1 5	13 45	0 7	20 13	1 0	21 9	0 9	23 38	0 21	22 19	1 3	1 23	15 44	20 43	20 43	20 49	17 28	5 25
S 25	11 53	19 45	0n39	6 28	1 39	10 10	1 4	13 59	0 7	20 12	1 0	21 9	0 9	23 38	0 21	22 19	1 3	1 22	15 44	20 43	20 43	20 49	17 28	5 26
M26	12 14	17 30	1 40	7 10	1 34	10 38	1 2	14 13	0 6	20 11	1 0	21 9	0 9	23 37	0 21	22 19	1 3	1 21	15 44	20 43	20 44	20 49	17 27	5 26
T 27	12 35	14 28	2 37	7 52	1 29	11 6	1 1	14 27	0 6	20 10	1 0	21 9	0 9	23 37	0 21	22 19	1 3	1 20	15 44	20 44	20 45	20 48	17 26	5 27
W28	12 55	10 45	3 28	8 34	1 23	11 34	0 59	14 41	0 5	20 9	1 0	21 9	0 9	23 37	0 21	22 19	1 3	1 20	15 44	20 45	20 46	20 48	17 26	5 27
T 29	13 15	6 30	4 11	9 15	1 17	12 1	0 57	14 55	0 4	20 8	1 0	21 8	0 9	23 37	0 21	22 19	1 3	1 19	15 43	20 46	20 46	20 47	17 25	5 27
F 30	13 35	1 51	4 42	9 56	1 11	12 28	0 55	15 8	0 4	20 7	1 0	21 8	0 9	23 37	0 21	22 19	1 3	1 18	15 43	20 48	20 46	20 47	17 25	5 28
S 31	13s55	3s 0	4n59	10s37	1n 5	12s54	0n53	15s22	0n 3	20n 6	1s 0	21n 8	0s 9	23s37	0s21	22n19	1s 3	1n17	15n43	20n50	20n47	20n46	17n24	5s28

Julian Day Number = 2356489.5, Delta T = 13.19 sec
Ecliptic obliquity = 23°28'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'25, Lahiri = 20°13'26Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

NOVEMBER 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 15	8♏ 8'48	3♏ 2	2♏ 5	7♏53	12♏34	4°R26	24♋19	7♑22	5°R14	6♏11	26°R31	26♋58	27♋13	17°R 3	S 1
M 2	2 43 11	9° 8'59	16°55	3°43	9° 8	13°15	4♊20	24°19	7°24	5♋13	6°13	26♋19	26°54	27°19	17♊ 0	M 2
T 3	2 47 8	10° 9'12	1♐ 2	5°22	10°23	13°57	4°13	24°20	7°26	5°12	6°16	26° 8	26°51	27°26	16°58	T 3
W 4	2 51 4	11° 9'27	15°17	7° 0	11°39	14°39	4° 6	24°20	7°29	5°11	6°18	26° 0	26°48	27°33	16°55	W 4
T 5	2 55 1	12° 9'43	29°36	8°38	12°54	15°21	3°59	24°20	7°31	5°10	6°21	25°55	26°45	27°39	16°52	T 5
F 6	2 58 57	13°10'01	13♑53	10°15	14° 9	16° 3	3°52	24°R20	7°33	5° 9	6°23	25°52	26°42	27°46	16°49	F 6
S 7	3 2 54	14°10'21	28° 6	11°53	15°25	16°46	3°44	24°20	7°36	5° 8	6°25	25°D52	26°38	27°53	16°46	S 7
S 8	3 6 51	15°10'42	12♒14	13°29	16°40	17°28	3°37	24°20	7°38	5° 8	6°28	25°R52	26°35	27°59	16°44	S 8
M 9	3 10 47	16°11'04	26°14	15° 6	17°55	18°10	3°30	24°20	7°41	5° 7	6°30	25°52	26°32	28° 6	16°41	M 9
T 10	3 14 44	17°11'27	10♓ 8	16°42	19°11	18°52	3°22	24°19	7°43	5° 6	6°33	25°50	26°29	28°13	16°38	T 10
W11	3 18 40	18°11'52	23°54	18°18	20°26	19°35	3°15	24°19	7°46	5° 5	6°35	25°45	26°26	28°19	16°34	W11
T 12	3 22 37	19°12'18	7♈31	19°53	21°41	20°17	3° 7	24°18	7°49	5° 3	6°37	25°38	26°23	28°26	16°31	T 12
F 13	3 26 33	20°12'46	20°59	21°28	22°57	20°59	2°59	24°18	7°51	5° 2	6°40	25°28	26°19	28°33	16°28	F 13
S 14	3 30 30	21°13'15	4♉14	23° 3	24°12	21°42	2°51	24°17	7°54	5° 1	6°42	25°17	26°16	28°39	16°25	S 14
S 15	3 34 26	22°13'45	17°17	24°38	25°27	22°24	2°43	24°16	7°57	5° 0	6°45	25° 5	26°13	28°46	16°22	S 15
M16	3 38 23	23°14'17	0♊ 4	26°13	26°43	23° 7	2°35	24°15	7°59	4°59	6°47	24°54	26°10	28°53	16°18	M16
T 17	3 42 19	24°14'51	12°37	27°47	27°58	23°50	2°27	24°14	8° 2	4°58	6°49	24°45	26° 7	28°59	16°15	T 17
W18	3 46 16	25°15'26	24°55	29°21	29°14	24°32	2°19	24°12	8° 5	4°57	6°52	24°38	26° 4	29° 6	16°12	W18
T 19	3 50 13	26°16'03	7♋ 0	0♐55	0♐29	25°15	2°11	24°11	8° 8	4°55	6°54	24°34	26° 0	29°12	16° 8	T 19
F 20	3 54 9	27°16'42	18°55	2°29	1°44	25°58	2° 3	24° 9	8°11	4°54	6°56	24°D32	25°57	29°19	16° 5	F 20
S 21	3 58 6	28°17'22	0♌43	4° 2	3° 0	26°41	1°55	24° 8	8°14	4°53	6°59	24°32	25°54	29°26	16° 1	S 21
S 22	4 2 2	29°18'04	12°30	5°36	4°15	27°23	1°47	24° 6	8°17	4°52	7° 1	24°33	25°51	29°32	15°58	S 22
M23	4 5 59	0♐18'47	24°20	7° 9	5°30	28° 6	1°39	24° 4	8°20	4°50	7° 3	24°34	25°48	29°39	15°54	M23
T 24	4 9 55	1°19'32	6♍19	8°42	6°46	28°49	1°30	24° 2	8°23	4°49	7° 5	24°R34	25°44	29°46	15°51	T 24
W25	4 13 52	2°20'18	18°33	10°15	8° 1	29°32	1°22	24° 0	8°26	4°48	7° 8	24°33	25°41	29°52	15°47	W25
T 26	4 17 49	3°21'06	1♎ 5	11°48	9°17	0♐15	1°14	23°58	8°29	4°46	7°10	24°29	25°38	29°59	15°44	T 26
F 27	4 21 45	4°21'55	14° 0	13°21	10°32	0°59	1° 6	23°56	8°32	4°45	7°12	24°23	25°35	0♌ 6	15°40	F 27
S 28	4 25 42	5°22'46	27°21	14°54	11°47	1°42	0°58	23°54	8°35	4°43	7°14	24°16	25°32	0°12	15°36	S 28
S 29	4 29 38	6°23'38	11♏ 8	16°26	13° 3	2°25	0°50	23°51	8°38	4°42	7°17	24° 8	25°29	0°19	15°33	S 29
M30	4 33 35	7♐24'32	25♏18	17♐59	14♐18	3♐ 8	0♊41	23♋49	8♑41	4♋40	7♏19	23♋59	25♋25	0♌26	15♊29	M30

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	14s15	7s51	4n59	11s17	0n59	13s21	0n51	15s35	0n 3	20n 5	1s 0	21n 8	0s 9	23s37	0s21	22n19	1s 3	1n16	15n43	20n53	20n48	20n46	17n23	5s29
M 2	14 34	12 24	4 42	11 57	0 53	13 47	0 50	15 48	0 2	20 4	1 0	21 8	0 9	23 37	0 21	22 19	1 3	1 16	15 43	20 55	20 48	20 46	17 23	5 29
T 3	14 53	16 21	4 8	12 36	0 46	14 12	0 48	16 2	0 1	20 2	1 0	21 8	0 9	23 36	0 21	22 19	1 3	1 15	15 43	20 57	20 49	20 45	17 22	5 29
W 4	15 12	19 23	3 17	13 15	0 39	14 37	0 46	16 15	0 1	20 1	1 0	21 8	0 9	23 36	0 21	22 19	1 3	1 14	15 43	20 59	20 50	20 45	17 21	5 30
T 5	15 30	21 14	2 15	13 53	0 33	15 2	0 44	16 28	0 0	20 0	1 0	21 8	0 8	23 36	0 21	22 19	1 3	1 13	15 43	21 0	20 50	20 44	17 21	5 30
F 6	15 49	21 42	1 3	14 30	0 26	15 27	0 41	16 40	0s 0	19 58	1 0	21 9	0 8	23 36	0 21	22 19	1 3	1 13	15 43	21 0	20 51	20 44	17 20	5 31
S 7	16 7	20 46	0s12	15 7	0 19	15 51	0 39	16 53	0 1	19 57	1 0	21 9	0 8	23 36	0 21	22 19	1 3	1 12	15 43	21 0	20 51	20 43	17 19	5 31
S 8	16 25	18 32	1 26	15 43	0 13	16 15	0 37	17 6	0 2	19 56	1 0	21 9	0 8	23 36	0 21	22 19	1 3	1 11	15 43	21 0	20 52	20 43	17 19	5 31
M 9	16 42	15 12	2 34	16 18	0 6	16 38	0 35	17 18	0 2	19 54	1 0	21 9	0 8	23 36	0 21	22 19	1 4	1 11	15 44	21 0	20 53	20 42	17 18	5 32
T 10	16 59	11 3	3 33	16 52	0s 1	17 1	0 33	17 30	0 3	19 53	0 59	21 9	0 8	23 35	0 21	22 19	1 4	1 10	15 44	21 1	20 53	20 42	17 18	5 32
W11	17 16	6 22	4 18	17 25	0 8	17 23	0 31	17 42	0 3	19 52	0 59	21 9	0 8	23 35	0 21	22 19	1 4	1 9	15 44	21 1	20 54	20 42	17 17	5 32
T 12	17 33	1 26	4 48	17 58	0 14	17 45	0 28	17 54	0 4	19 50	0 59	21 9	0 8	23 35	0 21	22 19	1 4	1 9	15 44	21 3	20 54	20 41	17 16	5 33
F 13	17 49	3n32	5 2	18 29	0 21	18 7	0 26	18 6	0 5	19 49	0 59	21 10	0 8	23 35	0 21	22 19	1 4	1 8	15 44	21 5	20 55	20 41	17 16	5 33
S 14	18 5	8 15	4 59	19 0	0 27	18 28	0 24	18 18	0 5	19 47	0 59	21 10	0 8	23 35	0 21	22 19	1 4	1 7	15 44	21 7	20 56	20 40	17 15	5 33
S 15	18 21	12 31	4 41	19 30	0 34	18 48	0 22	18 29	0 6	19 46	0 59	21 10	0 8	23 35	0 21	22 19	1 4	1 7	15 44	21 9	20 56	20 40	17 14	5 34
M16	18 36	16 8	4 9	19 59	0 40	19 8	0 19	18 41	0 6	19 45	0 59	21 10	0 7	23 34	0 21	22 19	1 4	1 6	15 44	21 11	20 57	20 39	17 14	5 34
T 17	18 52	18 57	3 25	20 27	0 47	19 28	0 17	18 52	0 7	19 43	0 59	21 11	0 7	23 34	0 21	22 19	1 4	1 5	15 44	21 12	20 57	20 39	17 13	5 34
W18	19 6	20 51	2 32	20 54	0 53	19 46	0 15	19 3	0 8	19 42	0 59	21 11	0 7	23 34	0 21	22 19	1 4	1 5	15 44	21 14	20 58	20 38	17 13	5 34
T 19	19 21	21 45	1 33	21 20	0 59	20 5	0 12	19 14	0 8	19 40	0 59	21 11	0 7	23 34	0 21	22 19	1 4	1 4	15 45	21 14	20 59	20 38	17 12	5 35
F 20	19 35	21 38	0 30	21 45	1 5	20 23	0 10	19 25	0 9	19 39	0 59	21 12	0 7	23 34	0 21	22 19	1 4	1 4	15 45	21 15	20 59	20 37	17 11	5 35
S 21	19 48	20 34	0n33	22 8	1 11	20 40	0 7	19 36	0 9	19 37	0 59	21 12	0 7	23 34	0 21	22 19	1 4	1 3	15 45	21 15	21 0	20 37	17 11	5 35
S 22	20 2	18 36	1 35	22 31	1 16	20 56	0 5	19 46	0 10	19 36	0 58	21 12	0 7	23 33	0 21	22 19	1 4	1 3	15 45	21 14	21 0	20 36	17 10	5 35
M23	20 15	15 50	2 33	22 52	1 22	21 12	0 3	19 56	0 11	19 34	0 58	21 13	0 7	23 33	0 21	22 19	1 4	1 2	15 45	21 14	21 1	20 35	17 10	5 36
T 24	20 27	12 23	3 26	23 13	1 27	21 28	0 0	20 6	0 11	19 32	0 58	21 13	0 7	23 33	0 21	22 19	1 4	1 1	15 45	21 14	21 1	20 35	17 9	5 36
W25	20 39	8 22	4 10	23 32	1 32	21 43	0s 2	20 16	0 12	19 31	0 58	21 14	0 7	23 33	0 21	22 19	1 4	1 1	15 46	21 15	21 2	20 34	17 8	5 36
T 26	20 51	3 53	4 43	23 50	1 37	21 57	0 5	20 26	0 13	19 29	0 58	21 14	0 7	23 33	0 21	22 19	1 4	1 0	15 46	21 15	21 3	20 34	17 8	5 36
F 27	21 3	0s53	5 3	24 7	1 42	22 10	0 7	20 36	0 13	19 28	0 58	21 15	0 6	23 32	0 21	22 19	1 4	1 0	15 46	21 16	21 3	20 33	17 7	5 37
S 28	21 14	5 46	5 7	24 22	1 46	22 23	0 9	20 45	0 14	19 26	0 58	21 15	0 6	23 32	0 21	22 20	1 4	0 59	15 46	21 17	21 4	20 33	17 7	5 37
S 29	21 24	10 31	4 55	24 37	1 51	22 35	0 12	20 54	0 14	19 25	0 57	21 16	0 6	23 32	0 21	22 20	1 4	0 59	15 46	21 19	21 4	20 32	17 6	5 37
M30	21s35	14s51	4n24	24s50	1s55	22s47	0s14	21s 3	0s15	19n23	0s57	21n16	0s 6	23s32	0s21	22n20	1s 4	0n59	15n47	21n20	21n 5	20n32	17n 6	5s37

Julian Day Number = 2356520.5, Delta T = 13.21 sec
Ecliptic obliquity = 23°28'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'29, Lahiri = 20°13'30Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1739
geocentric

DECEMBER 1739 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 31	8♐25'27	9♐46	19♐31	15♐34	3♐52	0°R33	23°R46	8♑45	4°R39	7♏21	23°R52	25♋22	0♌32	15°R25	T 1
W 2	4 41 28	9°26'23	24°27	21° 4	16°49	4°35	0♊25	23♋43	8°48	4♋38	7°23	23♋47	25°19	0°39	15♊22	W 2
T 3	4 45 24	10°27'19	9♑12	22°36	18° 4	5°18	0°17	23°40	8°51	4°36	7°25	23°44	25°16	0°45	15°18	T 3
F 4	4 49 21	11°28'17	23°55	24° 8	19°20	6° 2	0°10	23°37	8°54	4°34	7°27	23°D43	25°13	0°52	15°14	F 4
S 5	4 53 18	12°29'16	8♒30	25°40	20°35	6°46	0° 2	23°34	8°58	4°33	7°29	23°44	25°10	0°59	15°10	S 5
S 6	4 57 14	13°30'15	22°52	27°11	21°51	7°29	29♉54	23°31	9° 1	4°31	7°32	23°45	25° 6	1° 5	15° 7	S 6
M 7	5 1 11	14°31'14	6♓59	28°43	23° 6	8°13	29°46	23°28	9° 4	4°30	7°34	23°46	25° 3	1°12	15° 3	M 7
T 8	5 5 7	15°32'14	20°50	0♑14	24°21	8°56	29°39	23°25	9° 8	4°28	7°36	23°R47	25° 0	1°19	14°59	T 8
W 9	5 9 4	16°33'15	4♈25	1°44	25°37	9°40	29°31	23°21	9°11	4°27	7°38	23°45	24°57	1°25	14°55	W 9
T 10	5 13 0	17°34'16	17°45	3°14	26°52	10°24	29°24	23°18	9°14	4°25	7°40	23°42	24°54	1°32	14°52	T 10
F 11	5 16 57	18°35'18	0♉52	4°44	28° 7	11° 8	29°16	23°14	9°18	4°23	7°42	23°37	24°50	1°39	14°48	F 11
S 12	5 20 53	19°36'20	13°45	6°13	29°23	11°52	29° 9	23°11	9°21	4°22	7°44	23°31	24°47	1°45	14°44	S 12
S 13	5 24 50	20°37'23	26°25	7°41	0♑38	12°35	29° 2	23° 7	9°25	4°20	7°46	23°25	24°44	1°52	14°40	S 13
M14	5 28 47	21°38'26	8♊53	9° 8	1°54	13°19	28°55	23° 3	9°28	4°19	7°47	23°19	24°41	1°59	14°37	M14
T 15	5 32 43	22°39'30	21°10	10°33	3° 9	14° 3	28°48	23° 0	9°31	4°17	7°49	23°15	24°38	2° 5	14°33	T 15
W16	5 36 40	23°40'34	3♋17	11°57	4°24	14°47	28°41	22°56	9°35	4°15	7°51	23°11	24°35	2°12	14°29	W16
T 17	5 40 36	24°41'40	15°15	13°20	5°40	15°32	28°35	22°52	9°38	4°14	7°53	23°10	24°31	2°19	14°26	T 17
F 18	5 44 33	25°42'45	27° 7	14°40	6°55	16°16	28°28	22°48	9°42	4°12	7°55	23°D10	24°28	2°25	14°22	F 18
S 19	5 48 29	26°43'52	8♌54	15°58	8°10	17° 0	28°22	22°43	9°45	4°10	7°57	23°10	24°25	2°32	14°18	S 19
S 20	5 52 26	27°44'59	20°41	17°13	9°26	17°44	28°16	22°39	9°49	4° 9	7°58	23°12	24°22	2°38	14°15	S 20
M21	5 56 22	28°46'06	2♍31	18°25	10°41	18°28	28°10	22°35	9°52	4° 7	8° 0	23°14	24°19	2°45	14°11	M21
T 22	6 0 19	29°47'14	14°29	19°33	11°56	19°13	28° 4	22°31	9°56	4° 5	8° 2	23°16	24°16	2°52	14° 8	T 22
W23	6 4 16	0♑48'23	26°40	20°36	13°11	19°57	27°58	22°26	9°59	4° 3	8° 4	23°R16	24°12	2°58	14° 4	W23
T 24	6 8 12	1°49'32	9♎ 8	21°34	14°27	20°42	27°52	22°22	10° 3	4° 2	8° 5	23°16	24° 9	3° 5	14° 0	T 24
F 25	6 12 9	2°50'42	21°58	22°26	15°42	21°26	27°47	22°17	10° 7	4° 0	8° 7	23°15	24° 6	3°12	13°57	F 25
S 26	6 16 5	3°51'52	5♏14	23°11	16°57	22°11	27°42	22°13	10°10	3°58	8° 8	23°13	24° 3	3°18	13°53	S 26
S 27	6 20 2	4°53'03	18°57	23°49	18°13	22°55	27°37	22° 8	10°14	3°57	8°10	23°11	24° 0	3°25	13°50	S 27
M28	6 23 58	5°54'14	3♐ 8	24°17	19°28	23°40	27°32	22° 4	10°17	3°55	8°12	23° 8	23°56	3°32	13°47	M28
T 29	6 27 55	6°55'25	17°43	24°37	20°43	24°24	27°27	21°59	10°21	3°53	8°13	23° 6	23°53	3°38	13°43	T 29
W30	6 31 51	7°56'37	2♑36	24°R46	21°59	25° 9	27°22	21°54	10°24	3°52	8°15	23° 4	23°50	3°45	13°40	W30
T 31	6 35 48	8♑57'49	17♑41	24♑43	23♑14	25♐54	27♑18	21♋50	10♑28	3♋50	8♏16	23°D 4	23♋47	3♌52	13♊37	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
T 1	21s44	18s24	3n35	25s 1	1s58	22s58	0s17	21s12	0s16	19n22	0s57	21n17	0s 6	23s32	0s21	22n20	1s 4	0n58	15n47	21n22	21n 6	20n31	17n 5	5s37
W 2	21 54	20 50	2 32	25 12	2 2	23 8	0 19	21 21	0 16	19 20	0 57	21 17	0 6	23 31	0 21	22 20	1 4	0 58	15 47	21 22	21 6	20 30	17 4	5 37
T 3	22 3	21 51	1 18	25 21	2 5	23 17	0 21	21 29	0 17	19 19	0 57	21 18	0 6	23 31	0 21	22 20	1 4	0 57	15 47	21 23	21 7	20 30	17 4	5 38
F 4	22 11	21 22	0s 1	25 28	2 8	23 26	0 24	21 38	0 17	19 17	0 57	21 18	0 6	23 31	0 21	22 20	1 4	0 57	15 48	21 23	21 7	20 29	17 3	5 38
S 5	22 19	19 27	1 19	25 34	2 10	23 34	0 26	21 46	0 18	19 16	0 57	21 19	0 6	23 31	0 21	22 20	1 4	0 57	15 48	21 23	21 8	20 29	17 3	5 38
S 6	22 27	16 18	2 32	25 39	2 13	23 42	0 28	21 54	0 19	19 14	0 56	21 20	0 6	23 30	0 21	22 20	1 4	0 56	15 48	21 23	21 8	20 28	17 2	5 38
M 7	22 34	12 16	3 34	25 42	2 14	23 48	0 31	22 1	0 19	19 13	0 56	21 20	0 5	23 30	0 21	22 20	1 4	0 56	15 48	21 23	21 9	20 27	17 2	5 38
T 8	22 41	7 39	4 22	25 44	2 16	23 54	0 33	22 9	0 20	19 11	0 56	21 21	0 5	23 30	0 21	22 20	1 4	0 55	15 49	21 23	21 10	20 27	17 1	5 38
W 9	22 48	2 44	4 54	25 44	2 17	23 59	0 35	22 16	0 20	19 10	0 56	21 22	0 5	23 30	0 21	22 20	1 4	0 55	15 49	21 23	21 10	20 26	17 1	5 38
T 10	22 53	2n12	5 10	25 43	2 17	24 4	0 37	22 23	0 21	19 9	0 56	21 22	0 5	23 29	0 21	22 20	1 4	0 55	15 49	21 23	21 11	20 26	17 0	5 38
F 11	22 59	6 57	5 9	25 40	2 17	24 7	0 40	22 30	0 22	19 7	0 55	21 23	0 5	23 29	0 21	22 20	1 4	0 54	15 50	21 24	21 11	20 25	17 0	5 38
S 12	23 4	11 20	4 53	25 36	2 17	24 10	0 42	22 36	0 22	19 6	0 55	21 24	0 5	23 29	0 21	22 20	1 4	0 54	15 50	21 25	21 12	20 24	16 59	5 39
S 13	23 8	15 8	4 22	25 30	2 16	24 12	0 44	22 43	0 23	19 5	0 55	21 25	0 5	23 29	0 21	22 20	1 4	0 54	15 50	21 26	21 12	20 24	16 59	5 39
M14	23 12	18 12	3 39	25 23	2 14	24 14	0 46	22 49	0 23	19 3	0 55	21 25	0 5	23 29	0 21	22 20	1 4	0 54	15 51	21 27	21 13	20 23	16 58	5 39
T 15	23 16	20 25	2 46	25 14	2 12	24 14	0 48	22 55	0 24	19 2	0 55	21 26	0 5	23 28	0 21	22 20	1 4	0 53	15 51	21 28	21 14	20 22	16 58	5 39
W16	23 19	21 39	1 47	25 4	2 9	24 14	0 50	23 1	0 25	19 1	0 54	21 27	0 5	23 28	0 21	22 20	1 4	0 53	15 51	21 29	21 14	20 22	16 58	5 39
T 17	23 22	21 53	0 43	24 53	2 5	24 13	0 53	23 6	0 25	18 59	0 54	21 28	0 4	23 28	0 21	22 20	1 4	0 53	15 52	21 29	21 15	20 21	16 57	5 39
F 18	23 24	21 7	0n22	24 40	2 0	24 12	0 55	23 11	0 26	18 58	0 54	21 28	0 4	23 28	0 21	22 21	1 4	0 53	15 52	21 29	21 15	20 20	16 57	5 39
S 19	23 26	19 26	1 26	24 25	1 55	24 10	0 57	23 16	0 26	18 57	0 54	21 29	0 4	23 27	0 21	22 21	1 4	0 53	15 52	21 29	21 16	20 20	16 56	5 39
S 20	23 27	16 55	2 26	24 10	1 49	24 6	0 58	23 21	0 27	18 56	0 54	21 30	0 4	23 27	0 21	22 21	1 4	0 52	15 53	21 28	21 16	20 19	16 56	5 39
M21	23 28	13 42	3 20	23 53	1 42	24 3	1 0	23 26	0 28	18 55	0 53	21 31	0 4	23 27	0 21	22 21	1 4	0 52	15 53	21 28	21 17	20 18	16 55	5 39
T 22	23 28	9 54	4 7	23 36	1 34	23 58	1 2	23 30	0 28	18 54	0 53	21 32	0 4	23 27	0 21	22 21	1 4	0 52	15 53	21 28	21 18	20 18	16 55	5 39
W23	23 28	5 39	4 43	23 17	1 25	23 53	1 4	23 34	0 29	18 53	0 53	21 32	0 4	23 26	0 21	22 21	1 4	0 52	15 54	21 28	21 18	20 17	16 55	5 39
T 24	23 28	1 4	5 7	22 58	1 14	23 47	1 6	23 38	0 29	18 52	0 53	21 33	0 4	23 26	0 21	22 21	1 4	0 52	15 54	21 28	21 19	20 16	16 54	5 39
F 25	23 26	3s41	5 16	22 38	1 3	23 40	1 8	23 42	0 30	18 51	0 52	21 34	0 4	23 26	0 21	22 21	1 4	0 52	15 55	21 28	21 19	20 16	16 54	5 39
S 26	23 25	8 25	5 9	22 18	0 51	23 32	1 9	23 45	0 31	18 50	0 52	21 35	0 3	23 25	0 21	22 21	1 4	0 52	15 55	21 28	21 20	20 15	16 54	5 39
S 27	23 23	12 55	4 45	21 59	0 37	23 24	1 11	23 48	0 31	18 49	0 52	21 36	0 3	23 25	0 21	22 21	1 4	0 51	15 55	21 29	21 20	20 14	16 53	5 39
M28	23 20	16 50	4 3	21 39	0 22	23 15	1 12	23 51	0 32	18 48	0 52	21 37	0 3	23 25	0 21	22 21	1 4	0 51	15 56	21 29	21 21	20 14	16 53	5 39
T 29	23 17	19 51	3 4	21 20	0 6	23 5	1 14	23 54	0 32	18 47	0 51	21 37	0 3	23 25	0 21	22 21	1 4	0 51	15 56	21 30	21 21	20 13	16 53	5 38
W30	23 14	21 36	1 51	21 1	0n11	22 55	1 16	23 56	0 33	18 46	0 51	21 38	0 3	23 24	0 21	22 21	1 4	0 51	15 57	21 30	21 22	20 12	16 52	5 38
T 31	23s10	21s49	0n30	20s44	0n29	22s44	1s17	23s58	0s34	18n45	0s51	21n39	0s 3	23s24	0s21	22n21	1s 4	0n51	15n57	21n30	21n23	20n11	16n52	5s38

Julian Day Number = 2356550.5, Delta T = 13.23 sec
Ecliptic obliquity = 23°28'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°06'34, Lahiri = 20°13'34Greg. Calendar