Astrodienst Ephemeris Tables

for the year 1738

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 1738
geocentric

JANUARY 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 40	10♑29'00	13♉18	16♑11	17♐35	12♐16	18♓ 7	21°R 1	2♑37	29°R11	3♏12	1°R12	2♍23	12♉37	29°R27	W 1
T 2	6 45 36	11°30'09	25°12	17°49	18°50	12°59	18°17	20♊57	2°41	29♊10	3°13	1♍ 5	2°20	12°44	29♉24	T 2
F 3	6 49 33	12°31'18	7♊14	19°28	20° 5	13°42	18°27	20°52	2°44	29° 8	3°14	0°56	2°17	12°50	29°22	F 3
S 4	6 53 29	13°32'27	19°25	21° 8	21°20	14°25	18°36	20°48	2°48	29° 6	3°16	0°47	2°14	12°57	29°20	S 4
S 5	6 57 26	14°33'35	1♋47	22°47	22°35	15° 8	18°46	20°44	2°51	29° 5	3°17	0°38	2°11	13° 4	29°18	S 5
M 6	7 1 22	15°34'43	14°21	24°27	23°50	15°52	18°56	20°39	2°55	29° 3	3°18	0°29	2° 7	13°10	29°16	M 6
T 7	7 5 19	16°35'51	27° 7	26° 7	25° 5	16°35	19° 6	20°35	2°58	29° 2	3°19	0°23	2° 4	13°17	29°13	T 7
W 8	7 9 16	17°36'59	10♌ 5	27°47	26°20	17°18	19°17	20°31	3° 2	29° 0	3°20	0°19	2° 1	13°24	29°11	W 8
T 9	7 13 12	18°38'06	23°14	29°27	27°35	18° 1	19°27	20°27	3° 5	28°58	3°21	0°17	1°58	13°31	29°10	T 9
F 10	7 17 9	19°39'13	6♍35	1♒ 6	28°50	18°44	19°37	20°23	3° 9	28°57	3°22	0°D17	1°55	13°37	29° 8	F 10
S 11	7 21 5	20°40'20	20° 7	2°46	0♑ 5	19°28	19°48	20°19	3°12	28°55	3°23	0°18	1°52	13°44	29° 6	S 11
S 12	7 25 2	21°41'26	3♎50	4°26	1°20	20°11	19°59	20°15	3°16	28°54	3°24	0°20	1°48	13°51	29° 4	S 12
M13	7 28 58	22°42'33	17°44	6° 5	2°35	20°54	20°10	20°11	3°19	28°52	3°24	0°R21	1°45	13°57	29° 2	M13
T 14	7 32 55	23°43'39	1♏50	7°43	3°50	21°38	20°20	20° 8	3°23	28°51	3°25	0°20	1°42	14° 4	29° 1	T 14
W15	7 36 51	24°44'45	16° 6	9°20	5° 5	22°21	20°32	20° 4	3°26	28°49	3°26	0°19	1°39	14°11	28°59	W15
T 16	7 40 48	25°45'50	0♐30	10°56	6°20	23° 5	20°43	20° 0	3°30	28°48	3°27	0°15	1°36	14°18	28°58	T 16
F 17	7 44 45	26°46'56	14°57	12°31	7°36	23°48	20°54	19°57	3°33	28°46	3°27	0°11	1°32	14°24	28°56	F 17
S 18	7 48 41	27°48'01	29°22	14° 4	8°51	24°32	21° 5	19°54	3°36	28°45	3°28	0° 5	1°29	14°31	28°55	S 18
S 19	7 52 38	28°49'05	13♑40	15°35	10° 6	25°16	21°17	19°50	3°40	28°43	3°29	0° 0	1°26	14°38	28°54	S 19
M20	7 56 34	29°50'09	27°46	17° 3	11°21	25°59	21°28	19°47	3°43	28°42	3°29	29♌56	1°23	14°44	28°53	M20
T 21	8 0 31	0♒51'12	11♒34	18°27	12°36	26°43	21°40	19°44	3°46	28°41	3°30	29°53	1°20	14°51	28°52	T 21
W22	8 4 27	1°52'14	25° 1	19°48	13°51	27°27	21°52	19°41	3°50	28°39	3°30	29°D52	1°17	14°58	28°50	W22
T 23	8 8 24	2°53'15	8♓ 7	21° 5	15° 6	28°10	22° 3	19°38	3°53	28°38	3°31	29°52	1°13	15° 5	28°49	T 23
F 24	8 12 20	3°54'15	20°51	22°16	16°21	28°54	22°15	19°35	3°56	28°36	3°31	29°54	1°10	15°11	28°49	F 24
S 25	8 16 17	4°55'13	3♈17	23°21	17°36	29°38	22°27	19°32	4° 0	28°35	3°32	29°55	1° 7	15°18	28°48	S 25
S 26	8 20 14	5°56'11	15°28	24°19	18°51	0♑22	22°39	19°30	4° 3	28°34	3°32	29°57	1° 4	15°25	28°47	S 26
M27	8 24 10	6°57'07	27°27	25° 9	20° 6	1° 6	22°52	19°27	4° 6	28°33	3°32	29°58	1° 1	15°31	28°46	M27
T 28	8 28 7	7°58'02	9♉20	25°51	21°22	1°50	23° 4	19°25	4° 9	28°31	3°33	29°R59	0°57	15°38	28°46	T 28
W29	8 32 3	8°58'56	21°13	26°24	22°37	2°34	23°16	19°22	4°12	28°30	3°33	29°58	0°54	15°45	28°45	W29
T 30	8 36 0	9°59'48	3♊ 8	26°47	23°52	3°18	23°29	19°20	4°15	28°29	3°33	29°56	0°51	15°52	28°45	T 30
F 31	8 39 56	11♒ 0'39	15♊11	26♒59	25♑ 7	4♑ 2	23♓41	19♊18	4♑18	28♊28	3♏33	29♌54	0♍48	15♉58	28♉44	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	23s 3	11n12	4s52	24s33	2s 5	22s 7	0n47	22s27	0s 9	5s50	1s14	21n51	1s19	23s41	0s15	22n18	1s11	2n53	16n26	11n 4	10n38	11n 2	15n54	4s15
T 2	22 58	14 9	5 5	24 22	2 6	22 16	0 44	22 33	0 10	5 46	1 14	21 51	1 19	23 41	0 15	22 18	1 11	2 53	16 26	11 6	10 39	11 3	15 54	4 15
F 3	22 53	16 32	5 5	24 9	2 7	22 25	0 42	22 39	0 10	5 42	1 13	21 50	1 19	23 41	0 15	22 18	1 11	2 53	16 27	11 9	10 41	11 5	15 54	4 15
S 4	22 47	18 13	4 51	23 54	2 7	22 32	0 39	22 45	0 11	5 38	1 13	21 50	1 19	23 41	0 15	22 18	1 10	2 53	16 27	11 13	10 42	11 7	15 53	4 15
S 5	22 40	19 4	4 23	23 38	2 7	22 39	0 36	22 50	0 12	5 34	1 13	21 50	1 19	23 41	0 15	22 18	1 10	2 53	16 28	11 16	10 43	11 8	15 53	4 14
M 6	22 34	19 1	3 42	23 20	2 7	22 46	0 34	22 55	0 12	5 30	1 13	21 50	1 19	23 41	0 15	22 18	1 10	2 54	16 28	11 19	10 44	11 10	15 53	4 14
T 7	22 26	17 59	2 50	23 1	2 6	22 52	0 31	23 1	0 13	5 26	1 13	21 50	1 18	23 41	0 15	22 18	1 10	2 54	16 29	11 21	10 45	11 12	15 52	4 14
W 8	22 19	16 1	1 47	22 40	2 5	22 57	0 29	23 5	0 14	5 22	1 12	21 50	1 18	23 41	0 15	22 18	1 10	2 54	16 29	11 23	10 46	11 14	15 52	4 14
T 9	22 10	13 11	0 38	22 18	2 3	23 1	0 26	23 10	0 14	5 17	1 12	21 50	1 18	23 41	0 15	22 18	1 10	2 54	16 30	11 23	10 47	11 15	15 52	4 14
F 10	22 2	9 38	0n34	21 54	2 0	23 4	0 23	23 15	0 15	5 13	1 12	21 50	1 18	23 41	0 15	22 18	1 10	2 54	16 31	11 23	10 49	11 17	15 52	4 14
S 11	21 53	5 33	1 46	21 28	1 57	23 7	0 21	23 19	0 16	5 9	1 12	21 49	1 18	23 41	0 15	22 18	1 10	2 54	16 31	11 23	10 50	11 19	15 51	4 14
S 12	21 43	1 7	2 52	21 1	1 53	23 10	0 18	23 23	0 16	5 4	1 12	21 49	1 18	23 41	0 15	22 18	1 10	2 55	16 32	11 22	10 51	11 20	15 51	4 13
M13	21 33	3s26	3 50	20 32	1 49	23 11	0 16	23 27	0 17	5 0	1 12	21 49	1 17	23 41	0 15	22 18	1 10	2 55	16 32	11 22	10 52	11 22	15 51	4 13
T 14	21 23	7 51	4 34	20 2	1 44	23 12	0 13	23 30	0 18	4 56	1 11	21 49	1 17	23 41	0 15	22 18	1 10	2 55	16 33	11 22	10 53	11 24	15 51	4 13
W15	21 12	11 51	5 2	19 31	1 38	23 12	0 10	23 34	0 19	4 51	1 11	21 49	1 17	23 41	0 15	22 18	1 10	2 55	16 33	11 23	10 54	11 25	15 51	4 13
T 16	21 1	15 12	5 11	18 58	1 31	23 11	0 8	23 37	0 19	4 47	1 11	21 49	1 17	23 40	0 15	22 18	1 10	2 56	16 34	11 24	10 55	11 27	15 50	4 13
F 17	20 50	17 38	5 1	18 25	1 24	23 10	0 5	23 39	0 20	4 42	1 11	21 49	1 17	23 40	0 15	22 18	1 10	2 56	16 34	11 25	10 56	11 29	15 50	4 13
S 18	20 38	18 56	4 32	17 50	1 16	23 8	0 3	23 42	0 21	4 37	1 11	21 49	1 16	23 40	0 15	22 18	1 10	2 56	16 35	11 27	10 58	11 30	15 50	4 13
S 19	20 25	19 1	3 46	17 15	1 7	23 5	0 0	23 45	0 21	4 33	1 11	21 49	1 16	23 40	0 15	22 18	1 10	2 56	16 35	11 29	10 59	11 32	15 50	4 12
M20	20 13	17 55	2 47	16 39	0 57	23 2	0s 3	23 47	0 22	4 28	1 11	21 49	1 16	23 40	0 15	22 18	1 10	2 57	16 36	11 31	11 0	11 34	15 50	4 12
T 21	20 0	15 45	1 39	16 3	0 46	22 58	0 5	23 49	0 23	4 23	1 10	21 49	1 16	23 40	0 15	22 18	1 10	2 57	16 36	11 32	11 1	11 36	15 50	4 12
W22	19 46	12 47	0 27	15 26	0 35	22 53	0 8	23 50	0 24	4 19	1 10	21 49	1 16	23 40	0 15	22 18	1 10	2 57	16 37	11 32	11 2	11 37	15 50	4 12
T 23	19 32	9 14	0s45	14 50	0 22	22 47	0 10	23 52	0 24	4 14	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 58	16 37	11 32	11 3	11 39	15 50	4 12
F 24	19 18	5 21	1 53	14 15	0 9	22 41	0 13	23 53	0 25	4 9	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 58	16 38	11 31	11 4	11 41	15 50	4 11
S 25	19 4	1 21	2 53	13 40	0n 6	22 34	0 15	23 54	0 26	4 4	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 59	16 39	11 31	11 6	11 42	15 50	4 11
S 26	18 49	2n38	3 45	13 7	0 21	22 26	0 18	23 55	0 26	3 59	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 59	16 39	11 30	11 7	11 44	15 50	4 11
M27	18 34	6 27	4 26	12 35	0 36	22 18	0 20	23 55	0 27	3 54	1 10	21 49	1 15	23 40	0 15	22 18	1 10	2 59	16 40	11 30	11 8	11 46	15 50	4 11
T 28	18 18	9 58	4 55	12 6	0 53	22 9	0 23	23 55	0 28	3 49	1 9	21 49	1 14	23 39	0 15	22 18	1 10	3 0	16 40	11 30	11 9	11 47	15 50	4 11
W29	18 2	13 4	5 11	11 39	1 9	21 59	0 25	23 55	0 29	3 44	1 9	21 49	1 14	23 39	0 15	22 18	1 10	3 0	16 41	11 30	11 10	11 49	15 50	4 11
T 30	17 46	15 40	5 15	11 15	1 27	21 49	0 27	23 55	0 29	3 39	1 9	21 49	1 14	23 39	0 15	22 18	1 10	3 1	16 41	11 31	11 11	11 51	15 50	4 10
F 31	17s29	17n37	5s 4	10s54	1n44	21s38	0s30	23s55	0s30	3s34	1s 9	21n49	1s14	23s39	0s15	22n18	1s10	3n 1	16n42	11n31	11n12	11n52	15n50	4s10

Julian Day Number = 2355851.5, Delta T = 12.77 sec
Ecliptic obliquity = 23°28'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°04'57, Lahiri = 20°11'58Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

FEBRUARY 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 53	12♒ 1'29	27♊26	27°R 1	26♑22	4♑46	23♓54	19°R16	4♑21	28°R27	3♏34	29°R51	0♍45	16♉ 5	28°R44	S 1
S 2	8 47 49	13° 2'18	9♋55	26♒51	27°37	5°30	24° 6	19♊14	4°24	28♊25	3°34	29♌48	0°42	16°12	28♉44	S 2
M 3	8 51 46	14° 3'05	22°41	26°31	28°52	6°14	24°19	19°12	4°27	28°24	3°34	29°46	0°38	16°19	28°43	M 3
T 4	8 55 43	15° 3'50	5♌44	25°59	0♒ 7	6°58	24°32	19°11	4°30	28°23	3°34	29°44	0°35	16°25	28°43	T 4
W 5	8 59 39	16° 4'34	19° 3	25°18	1°22	7°42	24°45	19° 9	4°33	28°22	3°R34	29°43	0°32	16°32	28°D43	W 5
T 6	9 3 36	17° 5'17	2♍38	24°29	2°37	8°26	24°58	19° 7	4°36	28°21	3°34	29°D43	0°29	16°39	28°43	T 6
F 7	9 7 32	18° 5'59	16°26	23°31	3°52	9°11	25°11	19° 6	4°39	28°20	3°34	29°43	0°26	16°45	28°43	F 7
S 8	9 11 29	19° 6'39	0♎24	22°28	5° 7	9°55	25°24	19° 5	4°42	28°19	3°34	29°44	0°23	16°52	28°44	S 8
S 9	9 15 25	20° 7'19	14°30	21°21	6°22	10°39	25°37	19° 4	4°45	28°18	3°34	29°45	0°19	16°59	28°44	S 9
M10	9 19 22	21° 7'57	28°40	20°12	7°37	11°24	25°50	19° 3	4°47	28°18	3°33	29°46	0°16	17° 6	28°44	M10
T 11	9 23 18	22° 8'34	12♏53	19° 2	8°52	12° 8	26° 3	19° 2	4°50	28°17	3°33	29°46	0°13	17°12	28°45	T 11
W12	9 27 15	23° 9'09	27° 5	17°54	10° 7	12°52	26°17	19° 1	4°53	28°16	3°33	29°R46	0°10	17°19	28°45	W12
T 13	9 31 12	24° 9'44	11♐14	16°49	11°22	13°37	26°30	19° 0	4°56	28°15	3°33	29°46	0° 7	17°26	28°46	T 13
F 14	9 35 8	25°10'18	25°19	15°48	12°37	14°21	26°43	18°59	4°58	28°14	3°32	29°46	0° 3	17°32	28°46	F 14
S 15	9 39 5	26°10'50	9♑16	14°53	13°52	15° 6	26°57	18°59	5° 1	28°13	3°32	29°45	0° 0	17°39	28°47	S 15
S 16	9 43 1	27°11'21	23° 4	14° 5	15° 7	15°50	27°11	18°59	5° 3	28°13	3°32	29°45	29♌57	17°46	28°48	S 16
M17	9 46 58	28°11'50	6♒41	13°23	16°22	16°35	27°24	18°58	5° 6	28°12	3°31	29°45	29°54	17°53	28°49	M17
T 18	9 50 54	29°12'18	20° 4	12°49	17°37	17°20	27°38	18°58	5° 8	28°11	3°31	29°45	29°51	17°59	28°50	T 18
W19	9 54 51	0♓12'45	3♓12	12°22	18°52	18° 4	27°51	18°D58	5°11	28°11	3°30	29°45	29°48	18° 6	28°51	W19
T 20	9 58 47	1°13'09	16° 5	12° 3	20° 7	18°49	28° 5	18°58	5°13	28°10	3°30	29°45	29°44	18°13	28°52	T 20
F 21	10 2 44	2°13'32	28°42	11°51	21°22	19°34	28°19	18°58	5°16	28°10	3°29	29°45	29°41	18°19	28°53	F 21
S 22	10 6 41	3°13'53	11♈ 4	11°D46	22°37	20°18	28°33	18°59	5°18	28° 9	3°29	29°44	29°38	18°26	28°54	S 22
S 23	10 10 37	4°14'12	23°14	11°48	23°52	21° 3	28°47	18°59	5°20	28° 9	3°28	29°44	29°35	18°33	28°55	S 23
M24	10 14 34	5°14'29	5♉15	11°56	25° 7	21°48	29° 1	19° 0	5°22	28° 8	3°27	29°43	29°32	18°40	28°57	M24
T 25	10 18 30	6°14'44	17° 9	12°10	26°22	22°33	29°15	19° 0	5°25	28° 8	3°27	29°42	29°29	18°46	28°58	T 25
W26	10 22 27	7°14'57	29° 1	12°30	27°36	23°17	29°29	19° 1	5°27	28° 7	3°26	29°42	29°25	18°53	28°59	W26
T 27	10 26 23	8°15'08	10♊56	12°55	28°51	24° 2	29°43	19° 2	5°29	28° 7	3°25	29°D42	29°22	19° 0	29° 1	T 27
F 28	10 30 20	9♓15'17	22♊58	13♒25	0♓ 6	24♑47	29♓57	19♊ 3	5♑31	28♊ 7	3♏25	29♌42	29♌19	19♉ 7	29♉ 3	F 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	17s13	18n47	4s40	10s38	2n 1	21s26	0s32	23s54	0s31	3s29	1s 9	21n49	1s14	23s39	0s15	22n18	1s10	3n 2	16n42	11n32	11n13	11n54	15n50	4s10
S 2	16 55	19 5	4 1	10 25	2 18	21 14	0 34	23 53	0 32	3 24	1 9	21 49	1 13	23 39	0 15	22 18	1 10	3 2	16 43	11 33	11 15	11 56	15 50	4 10
M 3	16 38	18 26	3 11	10 17	2 34	21 1	0 37	23 52	0 32	3 19	1 9	21 49	1 13	23 39	0 15	22 18	1 10	3 3	16 43	11 34	11 16	11 57	15 50	4 10
T 4	16 20	16 47	2 9	10 13	2 49	20 47	0 39	23 50	0 33	3 13	1 9	21 49	1 13	23 39	0 15	22 18	1 10	3 3	16 44	11 35	11 17	11 59	15 51	4 9
W 5	16 2	14 12	0 59	10 14	3 3	20 33	0 41	23 48	0 34	3 8	1 9	21 49	1 13	23 39	0 15	22 18	1 10	3 4	16 45	11 35	11 18	12 1	15 51	4 9
T 6	15 44	10 48	0n16	10 19	3 15	20 18	0 43	23 46	0 34	3 3	1 8	21 49	1 13	23 39	0 15	22 18	1 9	3 4	16 45	11 35	11 19	12 2	15 51	4 9
F 7	15 26	6 46	1 31	10 28	3 25	20 3	0 45	23 44	0 35	2 58	1 8	21 49	1 12	23 39	0 15	22 18	1 9	3 5	16 46	11 35	11 20	12 4	15 51	4 9
S 8	15 7	2 19	2 42	10 41	3 33	19 47	0 47	23 42	0 36	2 52	1 8	21 49	1 12	23 39	0 15	22 18	1 9	3 5	16 46	11 35	11 21	12 6	15 51	4 9
S 9	14 48	2s17	3 43	10 57	3 39	19 30	0 49	23 39	0 37	2 47	1 8	21 49	1 12	23 38	0 15	22 18	1 9	3 6	16 47	11 34	11 22	12 7	15 52	4 8
M10	14 28	6 47	4 32	11 15	3 43	19 13	0 51	23 36	0 37	2 42	1 8	21 50	1 12	23 38	0 15	22 18	1 9	3 6	16 47	11 34	11 24	12 9	15 52	4 8
T 11	14 9	10 54	5 3	11 36	3 44	18 55	0 53	23 33	0 38	2 36	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 7	16 48	11 34	11 25	12 11	15 52	4 8
W12	13 49	14 24	5 17	11 57	3 42	18 37	0 55	23 30	0 39	2 31	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 7	16 48	11 34	11 26	12 12	15 53	4 8
T 13	13 29	17 1	5 11	12 20	3 39	18 18	0 57	23 26	0 40	2 26	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 8	16 49	11 34	11 27	12 14	15 53	4 8
F 14	13 9	18 37	4 46	12 43	3 34	17 59	0 59	23 22	0 40	2 20	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 8	16 49	11 34	11 28	12 16	15 53	4 7
S 15	12 48	19 5	4 5	13 6	3 26	17 39	1 0	23 18	0 41	2 15	1 8	21 50	1 11	23 38	0 15	22 18	1 9	3 9	16 50	11 34	11 29	12 17	15 54	4 7
S 16	12 28	18 23	3 10	13 28	3 18	17 19	1 2	23 13	0 42	2 9	1 7	21 51	1 10	23 38	0 15	22 18	1 9	3 10	16 50	11 34	11 30	12 19	15 54	4 7
M17	12 7	16 37	2 5	13 49	3 8	16 58	1 4	23 9	0 43	2 4	1 7	21 51	1 10	23 38	0 15	22 19	1 9	3 10	16 51	11 35	11 31	12 21	15 54	4 7
T 18	11 46	13 58	0 53	14 10	2 57	16 37	1 5	23 4	0 43	1 58	1 7	21 51	1 10	23 38	0 16	22 19	1 9	3 11	16 51	11 35	11 32	12 22	15 55	4 7
W19	11 25	10 39	0s19	14 28	2 45	16 15	1 7	22 59	0 44	1 53	1 7	21 51	1 10	23 38	0 16	22 19	1 9	3 12	16 52	11 35	11 34	12 24	15 55	4 6
T 20	11 3	6 52	1 29	14 46	2 33	15 53	1 8	22 53	0 45	1 47	1 7	21 51	1 10	23 38	0 16	22 19	1 9	3 12	16 52	11 35	11 35	12 26	15 56	4 6
F 21	10 42	2 52	2 34	15 1	2 20	15 30	1 10	22 48	0 46	1 42	1 7	21 52	1 9	23 38	0 16	22 19	1 9	3 13	16 53	11 35	11 36	12 27	15 56	4 6
S 22	10 20	1n10	3 30	15 15	2 7	15 7	1 11	22 42	0 46	1 36	1 7	21 52	1 9	23 37	0 16	22 19	1 9	3 13	16 53	11 35	11 37	12 29	15 56	4 6
S 23	9 58	5 5	4 15	15 28	1 53	14 44	1 13	22 36	0 47	1 31	1 7	21 52	1 9	23 37	0 16	22 19	1 9	3 14	16 54	11 35	11 38	12 31	15 57	4 6
M24	9 36	8 45	4 49	15 38	1 40	14 20	1 14	22 30	0 48	1 25	1 7	21 52	1 9	23 37	0 16	22 19	1 9	3 15	16 54	11 35	11 39	12 32	15 57	4 5
T 25	9 14	12 2	5 9	15 47	1 27	13 55	1 15	22 23	0 49	1 19	1 7	21 53	1 8	23 37	0 16	22 19	1 9	3 15	16 55	11 35	11 40	12 34	15 58	4 5
W26	8 52	14 48	5 17	15 54	1 14	13 31	1 16	22 16	0 49	1 14	1 7	21 53	1 8	23 37	0 16	22 19	1 9	3 16	16 55	11 36	11 41	12 36	15 58	4 5
T 27	8 29	16 59	5 11	15 59	1 1	13 6	1 17	22 9	0 50	1 8	1 7	21 53	1 8	23 37	0 16	22 19	1 9	3 17	16 56	11 36	11 42	12 37	15 59	4 5
F 28	8s 7	18n26	4s51	16s 3	0n48	12s40	1s18	22s 2	0s51	1s 2	1s 7	21n54	1s 8	23s37	0s16	22n19	1s 9	3n17	16n56	11n35	11n44	12n39	15n59	4s 5

Julian Day Number = 2355882.5, Delta T = 12.79 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'02, Lahiri = 20°12'02Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

MARCH 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 16	10♓15'24	5♋12	14♒ 0	1♓21	25♑32	0♈11	19♊ 4	5♑33	28°R 6	3°R24	29♌43	29♌16	19♉13	29♉ 4	S 1
S 2	10 38 13	11°15'29	17°42	14°39	2°36	26°17	0°25	19° 5	5°35	28♊ 6	3♏23	29°44	29°13	19°20	29° 6	S 2
M 3	10 42 10	12°15'32	0♌32	15°22	3°51	27° 2	0°39	19° 7	5°37	28° 6	3°22	29°45	29° 9	19°27	29° 8	M 3
T 4	10 46 6	13°15'32	13°44	16° 8	5° 6	27°47	0°53	19° 8	5°39	28° 6	3°21	29°46	29° 6	19°33	29°10	T 4
W 5	10 50 3	14°15'31	27°18	16°58	6°20	28°32	1° 7	19°10	5°41	28° 5	3°20	29°R46	29° 3	19°40	29°12	W 5
T 6	10 53 59	15°15'27	11♍14	17°52	7°35	29°17	1°22	19°11	5°42	28° 5	3°19	29°46	29° 0	19°47	29°14	T 6
F 7	10 57 56	16°15'22	25°28	18°48	8°50	0♒ 2	1°36	19°13	5°44	28° 5	3°18	29°45	28°57	19°54	29°16	F 7
S 8	11 1 52	17°15'15	9♎55	19°47	10° 5	0°47	1°50	19°15	5°46	28° 5	3°17	29°43	28°54	20° 0	29°18	S 8
S 9	11 5 49	18°15'05	24°31	20°49	11°19	1°32	2° 4	19°17	5°48	28°D 5	3°16	29°41	28°50	20° 7	29°20	S 9
M10	11 9 45	19°14'54	9♏ 7	21°53	12°34	2°17	2°19	19°19	5°49	28° 5	3°15	29°38	28°47	20°14	29°23	M10
T 11	11 13 42	20°14'42	23°39	23° 0	13°49	3° 2	2°33	19°21	5°51	28° 5	3°14	29°36	28°44	20°20	29°25	T 11
W12	11 17 38	21°14'28	8♐ 1	24° 9	15° 4	3°47	2°48	19°23	5°52	28° 5	3°13	29°35	28°41	20°27	29°27	W12
T 13	11 21 35	22°14'12	22°11	25°20	16°18	4°32	3° 2	19°26	5°54	28° 5	3°12	29°D34	28°38	20°34	29°30	T 13
F 14	11 25 32	23°13'54	6♑ 5	26°33	17°33	5°18	3°16	19°28	5°55	28° 5	3°11	29°34	28°34	20°41	29°32	F 14
S 15	11 29 28	24°13'35	19°45	27°48	18°48	6° 3	3°31	19°31	5°57	28° 6	3° 9	29°36	28°31	20°47	29°35	S 15
S 16	11 33 25	25°13'14	3♒10	29° 5	20° 2	6°48	3°45	19°34	5°58	28° 6	3° 8	29°37	28°28	20°54	29°38	S 16
M17	11 37 21	26°12'51	16°21	0♓23	21°17	7°33	4° 0	19°36	5°59	28° 6	3° 7	29°39	28°25	21° 1	29°40	M17
T 18	11 41 18	27°12'26	29°19	1°43	22°32	8°18	4°14	19°39	6° 0	28° 6	3° 6	29°R39	28°22	21° 8	29°43	T 18
W19	11 45 14	28°11'59	12♓ 5	3° 5	23°46	9° 4	4°29	19°42	6° 2	28° 7	3° 4	29°39	28°19	21°14	29°46	W19
T 20	11 49 11	29°11'31	24°40	4°29	25° 1	9°49	4°43	19°45	6° 3	28° 7	3° 3	29°36	28°15	21°21	29°49	T 20
F 21	11 53 7	0♈11'00	7♈ 3	5°54	26°16	10°34	4°58	19°49	6° 4	28° 7	3° 2	29°33	28°12	21°28	29°52	F 21
S 22	11 57 4	1°10'27	19°17	7°21	27°30	11°20	5°12	19°52	6° 5	28° 8	3° 0	29°28	28° 9	21°34	29°55	S 22
S 23	12 1 1	2° 9'52	1♉22	8°49	28°45	12° 5	5°27	19°55	6° 6	28° 8	2°59	29°22	28° 6	21°41	29°58	S 23
M24	12 4 57	3° 9'15	13°20	10°18	29°59	12°50	5°41	19°59	6° 7	28° 9	2°58	29°16	28° 3	21°48	0♊ 1	M24
T 25	12 8 54	4° 8'36	25°13	11°50	1♈14	13°36	5°56	20° 2	6° 8	28° 9	2°56	29°10	28° 0	21°55	0° 4	T 25
W26	12 12 50	5° 7'54	7♊ 5	13°22	2°29	14°21	6°10	20° 6	6° 8	28°10	2°55	29° 5	27°56	22° 1	0° 7	W26
T 27	12 16 47	6° 7'11	18°59	14°56	3°43	15° 6	6°25	20°10	6° 9	28°10	2°53	29° 2	27°53	22° 8	0°11	T 27
F 28	12 20 43	7° 6'25	0♋58	16°31	4°58	15°52	6°39	20°14	6°10	28°11	2°52	29° 0	27°50	22°15	0°14	F 28
S 29	12 24 40	8° 5'36	13° 9	18° 8	6°12	16°37	6°54	20°18	6°11	28°12	2°50	29°D 0	27°47	22°21	0°17	S 29
S 30	12 28 36	9° 4'46	25°36	19°46	7°27	17°22	7° 8	20°22	6°11	28°12	2°49	29° 1	27°44	22°28	0°21	S 30
M31	12 32 33	10♈ 3'53	8♌23	21♓26	8♈41	18♒ 8	7♈23	20♊26	6♑12	28♊13	2♏47	29♌ 3	27♌40	22♉35	0♊24	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	7s44	19n 4	4s18	16s 5	0n36	12s15	1s19	21s55	0s52	0s57	1s 7	21n54	1s 8	23s37	0s16	22n19	1s 8	3n18	16n57	11n35	11n45	12n40	16n 0	4s 4
S 2	7 21	18 47	3 32	16 5	0 24	11 49	1 20	21 47	0 52	0 51	1 6	21 54	1 7	23 37	0 16	22 19	1 8	3 19	16 57	11 35	11 46	12 42	16 1	4 4
M 3	6 58	17 32	2 35	16 3	0 12	11 22	1 21	21 39	0 53	0 45	1 6	21 55	1 7	23 37	0 16	22 19	1 8	3 19	16 57	11 34	11 47	12 44	16 1	4 4
T 4	6 35	15 20	1 28	16 0	0 1	10 56	1 22	21 31	0 54	0 40	1 6	21 55	1 7	23 37	0 16	22 19	1 8	3 20	16 58	11 34	11 48	12 45	16 2	4 4
W 5	6 12	12 13	0 14	15 56	0s10	10 29	1 23	21 22	0 55	0 34	1 6	21 55	1 7	23 37	0 16	22 19	1 8	3 21	16 58	11 34	11 49	12 47	16 2	4 4
T 6	5 49	8 20	1n 3	15 49	0 21	10 1	1 23	21 14	0 55	0 28	1 6	21 56	1 6	23 37	0 16	22 19	1 8	3 22	16 59	11 34	11 50	12 49	16 3	4 4
F 7	5 26	3 54	2 17	15 42	0 31	9 34	1 24	21 5	0 56	0 23	1 6	21 56	1 6	23 37	0 16	22 19	1 8	3 22	16 59	11 34	11 51	12 50	16 4	4 3
S 8	5 2	0s49	3 24	15 32	0 40	9 6	1 24	20 56	0 57	0 17	1 6	21 56	1 6	23 37	0 16	22 19	1 8	3 23	17 0	11 35	11 52	12 52	16 4	4 3
S 9	4 39	5 31	4 18	15 21	0 50	8 38	1 25	20 47	0 58	0 11	1 6	21 57	1 6	23 37	0 16	22 19	1 8	3 24	17 0	11 36	11 54	12 53	16 5	4 3
M10	4 16	9 53	4 55	15 9	0 58	8 10	1 25	20 37	0 58	0 5	1 6	21 57	1 6	23 36	0 16	22 19	1 8	3 24	17 0	11 37	11 55	12 55	16 5	4 3
T 11	3 52	13 39	5 13	14 55	1 7	7 41	1 26	20 28	0 59	0n 0	1 6	21 57	1 5	23 36	0 16	22 19	1 8	3 25	17 1	11 38	11 56	12 57	16 6	4 3
W12	3 29	16 33	5 12	14 40	1 15	7 13	1 26	20 18	1 0	0 6	1 6	21 58	1 5	23 36	0 16	22 20	1 8	3 26	17 1	11 38	11 57	12 58	16 7	4 2
T 13	3 5	18 24	4 51	14 23	1 22	6 44	1 26	20 8	1 1	0 12	1 6	21 58	1 5	23 36	0 16	22 20	1 8	3 27	17 1	11 38	11 58	13 0	16 7	4 2
F 14	2 41	19 7	4 13	14 5	1 30	6 15	1 26	19 58	1 1	0 18	1 6	21 59	1 5	23 36	0 16	22 20	1 8	3 27	17 2	11 38	11 59	13 2	16 8	4 2
S 15	2 18	18 41	3 22	13 46	1 36	5 46	1 26	19 47	1 2	0 23	1 6	21 59	1 5	23 36	0 16	22 20	1 8	3 28	17 2	11 38	12 0	13 3	16 9	4 2
S 16	1 54	17 12	2 20	13 25	1 43	5 16	1 26	19 37	1 3	0 29	1 6	21 59	1 4	23 36	0 16	22 20	1 8	3 29	17 3	11 37	12 1	13 5	16 10	4 2
M17	1 30	14 48	1 12	13 2	1 48	4 47	1 26	19 26	1 3	0 35	1 6	22 0	1 4	23 36	0 16	22 20	1 8	3 29	17 3	11 37	12 2	13 6	16 10	4 2
T 18	1 7	11 42	0 2	12 39	1 54	4 17	1 26	19 15	1 4	0 41	1 6	22 0	1 4	23 36	0 16	22 20	1 8	3 30	17 3	11 36	12 4	13 8	16 11	4 1
W19	0 43	8 5	1s 8	12 14	1 59	3 48	1 26	19 4	1 5	0 46	1 6	22 1	1 4	23 36	0 16	22 20	1 8	3 31	17 4	11 37	12 5	13 10	16 12	4 1
T 20	0 19	4 9	2 13	11 47	2 3	3 18	1 26	18 52	1 6	0 52	1 6	22 1	1 4	23 36	0 16	22 20	1 8	3 32	17 4	11 37	12 6	13 11	16 13	4 1
F 21	0n 4	0 7	3 10	11 20	2 7	2 48	1 26	18 41	1 6	0 58	1 6	22 2	1 3	23 36	0 16	22 20	1 8	3 32	17 4	11 39	12 7	13 13	16 13	4 1
S 22	0 28	3n53	3 58	10 51	2 11	2 18	1 25	18 29	1 7	1 4	1 6	22 2	1 3	23 36	0 16	22 20	1 7	3 33	17 4	11 41	12 8	13 14	16 14	4 1
S 23	0 52	7 40	4 35	10 21	2 14	1 48	1 25	18 17	1 8	1 10	1 6	22 2	1 3	23 36	0 16	22 20	1 7	3 34	17 5	11 43	12 9	13 16	16 15	4 1
M24	1 15	11 6	4 59	9 49	2 17	1 18	1 24	18 5	1 9	1 15	1 6	22 3	1 3	23 36	0 16	22 20	1 7	3 34	17 5	11 45	12 10	13 18	16 16	4 1
T 25	1 39	14 4	5 10	9 17	2 19	0 47	1 24	17 52	1 9	1 21	1 6	22 3	1 3	23 36	0 16	22 20	1 7	3 35	17 5	11 47	12 11	13 19	16 16	4 0
W26	2 2	16 28	5 8	8 43	2 21	0 17	1 23	17 40	1 10	1 27	1 6	22 4	1 2	23 36	0 16	22 20	1 7	3 36	17 6	11 48	12 12	13 21	16 17	4 0
T 27	2 26	18 9	4 52	8 8	2 22	0n13	1 22	17 27	1 11	1 33	1 6	22 4	1 2	23 36	0 16	22 20	1 7	3 37	17 6	11 50	12 13	13 22	16 18	4 0
F 28	2 49	19 4	4 24	7 31	2 23	0 43	1 22	17 14	1 11	1 38	1 6	22 5	1 2	23 36	0 16	22 20	1 7	3 37	17 6	11 50	12 15	13 24	16 19	4 0
S 29	3 13	19 7	3 44	6 54	2 23	1 14	1 21	17 1	1 12	1 44	1 6	22 5	1 2	23 36	0 16	22 20	1 7	3 38	17 6	11 50	12 16	13 26	16 20	4 0
S 30	3 36	18 14	2 52	6 15	2 23	1 44	1 20	16 48	1 13	1 50	1 6	22 6	1 2	23 36	0 16	22 20	1 7	3 39	17 7	11 50	12 17	13 27	16 20	4 0
M31	3n59	16n25	1s50	5s35	2s23	2n14	1s19	16s35	1s14	1n56	1s 6	22n 6	1s 1	23s36	0s16	22n21	1s 7	3n39	17n 7	11n49	12n18	13n29	16n21	4s 0

Julian Day Number = 2355910.5, Delta T = 12.81 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'06, Lahiri = 20°12'06Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

APRIL 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 30	11♈ 2'57	21♌34	23♓ 7	9♈55	18♒53	7♈37	20♊30	6♑12	28♊14	2°R46	29♌ 4	27♌37	22♉42	0♊28	T 1
W 2	12 40 26	12° 1'59	5♍12	24°50	11°10	19°39	7°52	20°35	6°13	28°15	2♏44	29°R 4	27°34	22°48	0°31	W 2
T 3	12 44 23	13° 0'59	19°17	26°34	12°24	20°24	8° 6	20°39	6°13	28°15	2°43	29° 2	27°31	22°55	0°35	T 3
F 4	12 48 19	13°59'57	3♎46	28°19	13°39	21°10	8°21	20°44	6°13	28°16	2°41	28°59	27°28	23° 2	0°39	F 4
S 5	12 52 16	14°58'53	18°36	0♈ 6	14°53	21°55	8°35	20°48	6°14	28°17	2°40	28°53	27°25	23° 9	0°42	S 5
S 6	12 56 12	15°57'47	3♏37	1°55	16° 7	22°40	8°50	20°53	6°14	28°18	2°38	28°46	27°21	23°15	0°46	S 6
M 7	13 0 9	16°56'39	18°40	3°45	17°22	23°26	9° 4	20°58	6°14	28°19	2°36	28°39	27°18	23°22	0°50	M 7
T 8	13 4 5	17°55'29	3♐36	5°36	18°36	24°11	9°18	21° 2	6°14	28°20	2°35	28°32	27°15	23°29	0°54	T 8
W 9	13 8 2	18°54'17	18°16	7°29	19°50	24°57	9°33	21° 7	6°14	28°21	2°33	28°27	27°12	23°35	0°58	W 9
T 10	13 11 58	19°53'04	2♑37	9°23	21° 4	25°42	9°47	21°12	6°14	28°22	2°32	28°23	27° 9	23°42	1° 2	T 10
F 11	13 15 55	20°51'49	16°35	11°19	22°19	26°28	10° 2	21°17	6°R14	28°23	2°30	28°D22	27° 6	23°49	1° 5	F 11
S 12	13 19 52	21°50'32	0♒10	13°17	23°33	27°13	10°16	21°23	6°14	28°24	2°28	28°22	27° 2	23°56	1° 9	S 12
S 13	13 23 48	22°49'14	13°24	15°16	24°47	27°59	10°30	21°28	6°14	28°25	2°27	28°23	26°59	24° 2	1°14	S 13
M14	13 27 45	23°47'53	26°19	17°16	26° 1	28°44	10°45	21°33	6°14	28°26	2°25	28°R24	26°56	24° 9	1°18	M14
T 15	13 31 41	24°46'32	9♓ 0	19°18	27°16	29°30	10°59	21°39	6°14	28°27	2°23	28°23	26°53	24°16	1°22	T 15
W16	13 35 38	25°45'08	21°28	21°21	28°30	0♓15	11°13	21°44	6°14	28°29	2°22	28°21	26°50	24°22	1°26	W16
T 17	13 39 34	26°43'42	3♈47	23°25	29°44	1° 1	11°28	21°50	6°13	28°30	2°20	28°15	26°46	24°29	1°30	T 17
F 18	13 43 31	27°42'15	15°57	25°31	0♉58	1°46	11°42	21°55	6°13	28°31	2°18	28° 8	26°43	24°36	1°34	F 18
S 19	13 47 27	28°40'46	28° 0	27°37	2°12	2°31	11°56	22° 1	6°13	28°32	2°16	27°58	26°40	24°43	1°39	S 19
S 20	13 51 24	29°39'15	9♉59	29°44	3°27	3°17	12°10	22° 7	6°12	28°34	2°15	27°46	26°37	24°49	1°43	S 20
M21	13 55 21	0♉37'42	21°53	1♉52	4°41	4° 2	12°24	22°12	6°12	28°35	2°13	27°34	26°34	24°56	1°47	M21
T 22	13 59 17	1°36'07	3♊45	4° 1	5°55	4°48	12°38	22°18	6°11	28°36	2°11	27°23	26°31	25° 3	1°51	T 22
W23	14 3 14	2°34'30	15°36	6° 9	7° 9	5°33	12°52	22°24	6°11	28°38	2°10	27°13	26°27	25°10	1°56	W23
T 24	14 7 10	3°32'51	27°30	8°18	8°23	6°19	13° 6	22°30	6°10	28°39	2° 8	27° 5	26°24	25°16	2° 0	T 24
F 25	14 11 7	4°31'11	9♋29	10°27	9°37	7° 4	13°20	22°36	6° 9	28°41	2° 6	26°59	26°21	25°23	2° 5	F 25
S 26	14 15 3	5°29'28	21°38	12°34	10°51	7°49	13°34	22°42	6° 8	28°42	2° 5	26°56	26°18	25°30	2° 9	S 26
S 27	14 19 0	6°27'43	4♌ 1	14°41	12° 5	8°35	13°48	22°49	6° 8	28°44	2° 3	26°D55	26°15	25°36	2°14	S 27
M28	14 22 56	7°25'56	16°43	16°47	13°19	9°20	14° 2	22°55	6° 7	28°45	2° 1	26°56	26°11	25°43	2°18	M28
T 29	14 26 53	8°24'07	29°48	18°51	14°33	10° 5	14°16	23° 1	6° 6	28°47	2° 0	26°R56	26° 8	25°50	2°23	T 29
W30	14 30 50	9♉22'15	13♍21	20♉54	15♉47	10♓51	14♈30	23♊ 7	6♑ 5	28♊48	1♏58	26♌55	26♌ 5	25♉57	2♊27	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	4n23	13n42	0s41	4s54	2s21	2n44	1s18	16s21	1s14	2n 1	1s 6	22n 7	1s 1	23s36	0s16	22n21	1s 7	3n40	17n 7	11n49	12n19	13n30	16n22	4s 0
W 2	4 46	10 8	0n33	4 12	2 20	3 14	1 17	16 8	1 15	2 7	1 6	22 7	1 1	23 36	0 16	22 21	1 7	3 41	17 7	11 49	12 20	13 32	16 23	3 59
T 3	5 9	5 54	1 47	3 28	2 18	3 44	1 16	15 54	1 16	2 13	1 6	22 8	1 1	23 36	0 16	22 21	1 7	3 41	17 7	11 49	12 21	13 34	16 24	3 59
F 4	5 32	1 12	2 56	2 44	2 15	4 14	1 15	15 40	1 16	2 18	1 6	22 8	1 1	23 36	0 16	22 21	1 7	3 42	17 7	11 51	12 22	13 35	16 25	3 59
S 5	5 55	3s40	3 55	1 59	2 12	4 44	1 14	15 26	1 17	2 24	1 6	22 9	1 0	23 36	0 17	22 21	1 7	3 43	17 8	11 53	12 23	13 37	16 26	3 59
S 6	6 17	8 22	4 38	1 12	2 8	5 14	1 12	15 12	1 18	2 30	1 6	22 9	1 0	23 36	0 17	22 21	1 7	3 43	17 8	11 55	12 24	13 38	16 26	3 59
M 7	6 40	12 33	5 3	0 25	2 4	5 44	1 11	14 57	1 18	2 35	1 6	22 10	1 0	23 36	0 17	22 21	1 7	3 44	17 8	11 58	12 25	13 40	16 27	3 59
T 8	7 2	15 53	5 6	0n24	2 0	6 13	1 10	14 43	1 19	2 41	1 6	22 10	1 0	23 36	0 17	22 21	1 7	3 45	17 8	12 0	12 27	13 42	16 28	3 59
W 9	7 25	18 9	4 49	1 13	1 55	6 43	1 8	14 28	1 20	2 47	1 6	22 11	1 0	23 36	0 17	22 21	1 7	3 45	17 8	12 2	12 28	13 43	16 29	3 59
T 10	7 47	19 12	4 14	2 3	1 49	7 12	1 7	14 14	1 20	2 52	1 6	22 11	1 0	23 36	0 17	22 21	1 7	3 46	17 8	12 3	12 29	13 45	16 30	3 59
F 11	8 9	19 3	3 25	2 55	1 43	7 41	1 5	13 59	1 21	2 58	1 6	22 12	0 59	23 36	0 17	22 21	1 7	3 47	17 8	12 3	12 30	13 46	16 31	3 59
S 12	8 31	17 46	2 26	3 46	1 36	8 10	1 4	13 44	1 22	3 4	1 6	22 12	0 59	23 36	0 17	22 21	1 7	3 47	17 9	12 3	12 31	13 48	16 32	3 58
S 13	8 53	15 33	1 20	4 39	1 29	8 39	1 2	13 29	1 22	3 9	1 6	22 13	0 59	23 36	0 17	22 21	1 6	3 48	17 9	12 3	12 32	13 49	16 33	3 58
M14	9 15	12 35	0 11	5 32	1 21	9 7	1 1	13 13	1 23	3 15	1 6	22 13	0 59	23 36	0 17	22 21	1 6	3 48	17 9	12 3	12 33	13 51	16 33	3 58
T 15	9 36	9 5	0s57	6 26	1 13	9 36	0 59	12 58	1 23	3 20	1 6	22 14	0 59	23 36	0 17	22 21	1 6	3 49	17 9	12 3	12 34	13 53	16 34	3 58
W16	9 58	5 14	2 0	7 20	1 5	10 4	0 57	12 43	1 24	3 26	1 6	22 14	0 59	23 36	0 17	22 21	1 6	3 50	17 9	12 4	12 35	13 54	16 35	3 58
T 17	10 19	1 13	2 57	8 15	0 56	10 32	0 55	12 27	1 25	3 31	1 6	22 15	0 58	23 36	0 17	22 21	1 6	3 50	17 9	12 6	12 36	13 56	16 36	3 58
F 18	10 40	2n49	3 46	9 9	0 47	10 59	0 54	12 11	1 25	3 37	1 6	22 15	0 58	23 36	0 17	22 22	1 6	3 51	17 9	12 8	12 37	13 57	16 37	3 58
S 19	11 1	6 41	4 23	10 4	0 37	11 27	0 52	11 55	1 26	3 42	1 6	22 16	0 58	23 36	0 17	22 22	1 6	3 51	17 9	12 12	12 39	13 59	16 38	3 58
S 20	11 22	10 16	4 49	10 59	0 27	11 54	0 50	11 40	1 27	3 48	1 6	22 16	0 58	23 36	0 17	22 22	1 6	3 52	17 9	12 16	12 40	14 0	16 39	3 58
M21	11 42	13 24	5 1	11 53	0 17	12 21	0 48	11 24	1 27	3 53	1 6	22 17	0 58	23 36	0 17	22 22	1 6	3 52	17 9	12 20	12 41	14 2	16 40	3 58
T 22	12 3	16 0	5 1	12 47	0 6	12 47	0 46	11 8	1 28	3 59	1 6	22 17	0 58	23 36	0 17	22 22	1 6	3 53	17 9	12 24	12 42	14 3	16 41	3 58
W23	12 23	17 56	4 48	13 40	0n 4	13 14	0 44	10 51	1 28	4 4	1 6	22 18	0 57	23 37	0 17	22 22	1 6	3 53	17 9	12 27	12 43	14 5	16 41	3 58
T 24	12 43	19 5	4 22	14 32	0 15	13 40	0 42	10 35	1 29	4 10	1 7	22 18	0 57	23 37	0 17	22 22	1 6	3 54	17 9	12 30	12 44	14 7	16 42	3 58
F 25	13 3	19 24	3 44	15 23	0 26	14 5	0 40	10 19	1 29	4 15	1 7	22 19	0 57	23 37	0 17	22 22	1 6	3 54	17 9	12 32	12 45	14 8	16 43	3 58
S 26	13 22	18 50	2 56	16 13	0 37	14 30	0 38	10 2	1 30	4 20	1 7	22 19	0 57	23 37	0 17	22 22	1 6	3 55	17 9	12 33	12 46	14 10	16 44	3 58
S 27	13 42	17 21	1 59	17 1	0 47	14 55	0 35	9 46	1 31	4 26	1 7	22 20	0 57	23 37	0 17	22 22	1 6	3 55	17 9	12 33	12 47	14 11	16 45	3 58
M28	14 1	14 59	0 54	17 48	0 57	15 20	0 33	9 29	1 31	4 31	1 7	22 20	0 57	23 37	0 17	22 22	1 6	3 56	17 9	12 33	12 48	14 13	16 46	3 58
T 29	14 19	11 48	0n15	18 32	1 8	15 44	0 31	9 13	1 32	4 36	1 7	22 21	0 56	23 37	0 17	22 22	1 6	3 56	17 9	12 33	12 49	14 14	16 47	3 58
W30	14n38	7n52	1n26	19n15	1n17	16n 8	0s29	8s56	1s32	4n42	1s 7	22n21	0s56	23s37	0s17	22n22	1s 6	3n57	17n 8	12n33	12n50	14n16	16n48	3s58

Julian Day Number = 2355941.5, Delta T = 12.83 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'10, Lahiri = 20°12'10Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

MAY 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 46	10♉20'22	27♍24	22♉54	17♉ 1	11♓36	14♈44	23♊14	6°R 4	28♊50	1°R56	26°R52	26♌ 2	26♉ 3	2♊32	T 1
F 2	14 38 43	11°18'27	11♎55	24°52	18°15	12°21	14°57	23°20	6♑ 3	28°52	1♏55	26♌46	25°59	26°10	2°37	F 2
S 3	14 42 39	12°16'30	26°51	26°48	19°29	13° 6	15°11	23°27	6° 2	28°53	1°53	26°38	25°56	26°17	2°41	S 3
S 4	14 46 36	13°14'32	12♏ 3	28°41	20°43	13°52	15°25	23°33	6° 1	28°55	1°51	26°28	25°52	26°24	2°46	S 4
M 5	14 50 32	14°12'31	27°22	0♊31	21°56	14°37	15°38	23°40	6° 0	28°57	1°50	26°18	25°49	26°30	2°50	M 5
T 6	14 54 29	15°10'30	12♐36	2°17	23°10	15°22	15°52	23°47	5°58	28°58	1°48	26° 8	25°46	26°37	2°55	T 6
W 7	14 58 25	16° 8'27	27°34	4° 1	24°24	16° 7	16° 5	23°53	5°57	29° 0	1°46	25°59	25°43	26°44	3° 0	W 7
T 8	15 2 22	17° 6'22	12♑ 9	5°41	25°38	16°53	16°19	24° 0	5°56	29° 2	1°45	25°53	25°40	26°50	3° 5	T 8
F 9	15 6 19	18° 4'16	26°17	7°18	26°52	17°38	16°32	24° 7	5°55	29° 3	1°43	25°50	25°37	26°57	3° 9	F 9
S 10	15 10 15	19° 2'09	9♒57	8°52	28° 5	18°23	16°46	24°14	5°53	29° 5	1°41	25°49	25°33	27° 4	3°14	S 10
S 11	15 14 12	20° 0'01	23°12	10°21	29°19	19° 8	16°59	24°21	5°52	29° 7	1°40	25°49	25°30	27°11	3°19	S 11
M12	15 18 8	20°57'51	6♓ 3	11°48	0♊33	19°53	17°12	24°28	5°50	29° 9	1°38	25°48	25°27	27°17	3°24	M12
T 13	15 22 5	21°55'41	18°36	13°10	1°47	20°38	17°25	24°35	5°49	29°11	1°37	25°47	25°24	27°24	3°29	T 13
W14	15 26 1	22°53'29	0♈55	14°29	3° 1	21°23	17°38	24°42	5°47	29°13	1°35	25°43	25°21	27°31	3°33	W14
T 15	15 29 58	23°51'15	13° 3	15°44	4°14	22° 8	17°51	24°49	5°46	29°14	1°34	25°37	25°17	27°37	3°38	T 15
F 16	15 33 54	24°49'01	25° 4	16°55	5°28	22°53	18° 4	24°56	5°44	29°16	1°32	25°28	25°14	27°44	3°43	F 16
S 17	15 37 51	25°46'45	7♉ 0	18° 2	6°42	23°38	18°17	25° 3	5°42	29°18	1°31	25°16	25°11	27°51	3°48	S 17
S 18	15 41 48	26°44'29	18°53	19° 6	7°55	24°23	18°30	25°10	5°41	29°20	1°29	25° 3	25° 8	27°58	3°53	S 18
M19	15 45 44	27°42'10	0♊45	20° 5	9° 9	25° 8	18°43	25°18	5°39	29°22	1°28	24°48	25° 5	28° 4	3°58	M19
T 20	15 49 41	28°39'51	12°37	21° 0	10°23	25°53	18°56	25°25	5°37	29°24	1°26	24°35	25° 2	28°11	4° 2	T 20
W21	15 53 37	29°37'30	24°31	21°51	11°36	26°37	19° 9	25°32	5°36	29°26	1°25	24°23	24°58	28°18	4° 7	W21
T 22	15 57 34	0♊35'08	6♋28	22°38	12°50	27°22	19°21	25°40	5°34	29°28	1°23	24°13	24°55	28°25	4°12	T 22
F 23	16 1 30	1°32'45	18°31	23°21	14° 4	28° 7	19°34	25°47	5°32	29°30	1°22	24° 6	24°52	28°31	4°17	F 23
S 24	16 5 27	2°30'20	0♌42	23°59	15°17	28°51	19°46	25°54	5°30	29°32	1°20	24° 2	24°49	28°38	4°22	S 24
S 25	16 9 23	3°27'54	13° 7	24°33	16°31	29°36	19°59	26° 2	5°28	29°34	1°19	24° 0	24°46	28°45	4°27	S 25
M26	16 13 20	4°25'26	25°47	25° 2	17°44	0♈21	20°11	26° 9	5°26	29°36	1°18	24°D 0	24°43	28°51	4°32	M26
T 27	16 17 17	5°22'57	8♍49	25°27	18°58	1° 5	20°23	26°17	5°24	29°38	1°16	24°R 0	24°39	28°58	4°37	T 27
W28	16 21 13	6°20'27	22°16	25°47	20°11	1°50	20°35	26°24	5°22	29°40	1°15	23°59	24°36	29° 5	4°42	W28
T 29	16 25 10	7°17'55	6♎10	26° 2	21°25	2°34	20°47	26°32	5°20	29°42	1°14	23°56	24°33	29°12	4°46	T 29
F 30	16 29 6	8°15'22	20°32	26°13	22°38	3°18	20°59	26°39	5°18	29°45	1°12	23°51	24°30	29°18	4°51	F 30
S 31	16 33 3	9♊12'48	5♏20	26♊19	23♊52	4♈ 3	21♈11	26♊47	5♑16	29♊47	1♏11	23♌44	24♌27	29♉25	4♊56	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	14n56	3n23	2n34	19n55	1n26	16n31	0s26	8s39	1s33	4n47	1s 7	22n22	0s56	23s37	0s17	22n22	1s 6	3n57	17n 8	12n35	12n51	14n17	16n49	3s58
F 2	15 15	1s26	3 34	20 33	1 35	16 54	0 24	8 22	1 33	4 52	1 7	22 22	0 56	23 37	0 17	22 22	1 6	3 58	17 8	12 36	12 53	14 19	16 50	3 58
S 3	15 32	6 17	4 22	21 9	1 43	17 16	0 22	8 5	1 34	4 57	1 7	22 23	0 56	23 37	0 17	22 22	1 6	3 58	17 8	12 39	12 54	14 20	16 50	3 58
S 4	15 50	10 51	4 52	21 42	1 51	17 38	0 20	7 48	1 34	5 3	1 7	22 23	0 56	23 37	0 17	22 22	1 6	3 59	17 8	12 43	12 55	14 22	16 51	3 58
M 5	16 7	14 43	5 1	22 12	1 58	18 0	0 17	7 31	1 35	5 8	1 7	22 24	0 56	23 37	0 17	22 22	1 6	3 59	17 8	12 46	12 56	14 23	16 52	3 58
T 6	16 25	17 34	4 49	22 40	2 4	18 21	0 15	7 14	1 35	5 13	1 7	22 24	0 55	23 37	0 17	22 22	1 6	3 59	17 8	12 50	12 57	14 25	16 53	3 58
W 7	16 41	19 10	4 17	23 6	2 10	18 42	0 12	6 57	1 36	5 18	1 7	22 25	0 55	23 37	0 17	22 23	1 6	4 0	17 7	12 52	12 58	14 27	16 54	3 58
T 8	16 58	19 27	3 29	23 29	2 14	19 2	0 10	6 40	1 36	5 23	1 7	22 25	0 55	23 38	0 17	22 23	1 6	4 0	17 7	12 54	12 59	14 28	16 55	3 58
F 9	17 14	18 29	2 29	23 50	2 18	19 21	0 8	6 23	1 37	5 28	1 8	22 25	0 55	23 38	0 17	22 23	1 5	4 0	17 7	12 55	13 0	14 30	16 56	3 58
S 10	17 30	16 27	1 23	24 8	2 21	19 41	0 5	6 6	1 37	5 33	1 8	22 26	0 55	23 38	0 17	22 23	1 5	4 1	17 7	12 56	13 1	14 31	16 57	3 58
S 11	17 46	13 35	0 14	24 24	2 23	19 59	0 3	5 48	1 38	5 38	1 8	22 26	0 55	23 38	0 17	22 23	1 5	4 1	17 7	12 56	13 2	14 33	16 57	3 58
M12	18 1	10 8	0s54	24 37	2 25	20 17	0 0	5 31	1 38	5 43	1 8	22 27	0 55	23 38	0 17	22 23	1 5	4 1	17 7	12 56	13 3	14 34	16 58	3 58
T 13	18 16	6 19	1 57	24 49	2 25	20 35	0n 2	5 14	1 39	5 48	1 8	22 27	0 54	23 38	0 17	22 23	1 5	4 2	17 6	12 57	13 4	14 36	16 59	3 58
W14	18 31	2 18	2 54	24 58	2 25	20 52	0 4	4 56	1 39	5 53	1 8	22 28	0 54	23 38	0 17	22 23	1 5	4 2	17 6	12 58	13 5	14 37	17 0	3 58
T 15	18 46	1n45	3 42	25 5	2 24	21 8	0 7	4 39	1 39	5 58	1 8	22 28	0 54	23 38	0 17	22 23	1 5	4 2	17 6	13 0	13 6	14 39	17 1	3 58
F 16	19 0	5 41	4 19	25 10	2 21	21 24	0 9	4 21	1 40	6 3	1 8	22 28	0 54	23 38	0 17	22 23	1 5	4 3	17 6	13 3	13 8	14 40	17 2	3 58
S 17	19 14	9 23	4 45	25 14	2 18	21 39	0 12	4 4	1 40	6 8	1 8	22 29	0 54	23 38	0 17	22 23	1 5	4 3	17 5	13 7	13 9	14 42	17 3	3 58
S 18	19 27	12 41	4 58	25 15	2 14	21 54	0 14	3 47	1 41	6 12	1 8	22 29	0 54	23 38	0 17	22 23	1 5	4 3	17 5	13 11	13 10	14 43	17 3	3 58
M19	19 40	15 29	4 58	25 15	2 9	22 8	0 17	3 29	1 41	6 17	1 9	22 30	0 54	23 38	0 17	22 23	1 5	4 3	17 5	13 16	13 11	14 45	17 4	3 58
T 20	19 53	17 38	4 45	25 13	2 3	22 21	0 19	3 12	1 41	6 22	1 9	22 30	0 54	23 39	0 17	22 23	1 5	4 3	17 4	13 21	13 12	14 46	17 5	3 58
W21	20 6	19 2	4 20	25 9	1 56	22 34	0 22	2 54	1 42	6 27	1 9	22 30	0 53	23 39	0 18	22 23	1 5	4 4	17 4	13 25	13 13	14 48	17 6	3 58
T 22	20 18	19 36	3 43	25 5	1 49	22 46	0 24	2 37	1 42	6 31	1 9	22 31	0 53	23 39	0 18	22 23	1 5	4 4	17 4	13 28	13 14	14 49	17 7	3 58
F 23	20 30	19 17	2 56	24 58	1 40	22 57	0 26	2 19	1 43	6 36	1 9	22 31	0 53	23 39	0 18	22 23	1 5	4 4	17 4	13 30	13 15	14 51	17 8	3 58
S 24	20 41	18 4	2 0	24 51	1 31	23 8	0 29	2 2	1 43	6 41	1 9	22 31	0 53	23 39	0 18	22 23	1 5	4 4	17 3	13 32	13 16	14 52	17 8	3 58
S 25	20 53	15 59	0 57	24 42	1 20	23 18	0 31	1 44	1 43	6 45	1 9	22 32	0 53	23 39	0 18	22 23	1 5	4 4	17 3	13 32	13 17	14 54	17 9	3 58
M26	21 3	13 5	0n10	24 32	1 9	23 28	0 33	1 27	1 44	6 50	1 9	22 32	0 53	23 39	0 18	22 23	1 5	4 4	17 3	13 32	13 18	14 55	17 10	3 58
T 27	21 14	9 28	1 18	24 20	0 57	23 36	0 36	1 9	1 44	6 54	1 9	22 32	0 53	23 39	0 18	22 23	1 5	4 4	17 2	13 32	13 19	14 57	17 11	3 59
W28	21 24	5 16	2 24	24 8	0 44	23 44	0 38	0 52	1 44	6 59	1 10	22 33	0 53	23 39	0 18	22 23	1 5	4 5	17 2	13 33	13 20	14 58	17 11	3 59
T 29	21 33	0 40	3 24	23 55	0 30	23 52	0 40	0 35	1 44	7 3	1 10	22 33	0 53	23 39	0 18	22 23	1 5	4 5	17 1	13 34	13 21	15 0	17 12	3 59
F 30	21 43	4s 8	4 13	23 41	0 16	23 59	0 43	0 17	1 45	7 7	1 10	22 33	0 52	23 40	0 18	22 23	1 5	4 5	17 1	13 35	13 22	15 1	17 13	3 59
S 31	21n52	8s49	4n46	23n26	0n 1	24n 5	0n45	0n 0	1s45	7n12	1s10	22n34	0s52	23s40	0s18	22n23	1s 5	4n 5	17n 1	13n38	13n23	15n 3	17n14	3s59

Julian Day Number = 2355971.5, Delta T = 12.84 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'14, Lahiri = 20°12'14Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

JUNE 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 59	10♊10'12	20♏27	26°R21	25♊ 5	4♈47	21♈23	26♊54	5°R14	29♊49	1°R10	23°R35	24♌23	29♉32	5♊ 1	S 1
M 2	16 40 56	11° 7'36	5♐45	26♊18	26°19	5°31	21°35	27° 2	5♉12	29°51	1♏ 9	23♌25	24°20	29°38	5° 6	M 2
T 3	16 44 52	12° 4'59	21° 2	26°10	27°32	6°15	21°47	27°10	5°10	29°53	1° 8	23°15	24°17	29°45	5°11	T 3
W 4	16 48 49	13° 2'21	6♑ 7	25°59	28°46	6°59	21°58	27°17	5° 7	29°55	1° 6	23° 7	24°14	29°52	5°16	W 4
T 5	16 52 46	13°59'42	20°51	25°43	29°59	7°44	22°10	27°25	5° 5	29°57	1° 5	23° 1	24°11	29°59	5°21	T 5
F 6	16 56 42	14°57'02	5♒ 8	25°24	1♋12	8°28	22°21	27°33	5° 3	29°59	1° 4	22°58	24° 8	0♊ 5	5°26	F 6
S 7	17 0 39	15°54'22	18°56	25° 1	2°26	9°12	22°32	27°41	5° 1	0♋ 2	1° 3	22°D57	24° 4	0°12	5°30	S 7
S 8	17 4 35	16°51'42	2♓16	24°35	3°39	9°55	22°44	27°48	4°59	0° 4	1° 2	22°57	24° 1	0°19	5°35	S 8
M 9	17 8 32	17°49'01	15°11	24° 6	4°52	10°39	22°55	27°56	4°56	0° 6	1° 1	22°R57	23°58	0°26	5°40	M 9
T 10	17 12 28	18°46'19	27°44	23°36	6° 6	11°23	23° 6	28° 4	4°54	0° 8	1° 0	22°57	23°55	0°32	5°45	T 10
W11	17 16 25	19°43'37	10♈ 1	23° 3	7°19	12° 7	23°17	28°12	4°52	0°10	0°59	22°55	23°52	0°39	5°50	W11
T 12	17 20 21	20°40'55	22° 6	22°30	8°32	12°50	23°28	28°19	4°49	0°13	0°58	22°50	23°49	0°46	5°55	T 12
F 13	17 24 18	21°38'13	4♉ 3	21°56	9°46	13°34	23°38	28°27	4°47	0°15	0°57	22°44	23°45	0°52	5°59	F 13
S 14	17 28 15	22°35'30	15°55	21°22	10°59	14°18	23°49	28°35	4°45	0°17	0°56	22°35	23°42	0°59	6° 4	S 14
S 15	17 32 11	23°32'46	27°47	20°49	12°12	15° 1	24° 0	28°43	4°42	0°19	0°56	22°25	23°39	1° 6	6° 9	S 15
M16	17 36 8	24°30'03	9♊39	20°16	13°26	15°44	24°10	28°51	4°40	0°22	0°55	22°14	23°36	1°13	6°14	M16
T 17	17 40 4	25°27'19	21°34	19°46	14°39	16°28	24°20	28°58	4°38	0°24	0°54	22° 3	23°33	1°19	6°18	T 17
W18	17 44 1	26°24'34	3♋33	19°18	15°52	17°11	24°31	29° 6	4°35	0°26	0°53	21°54	23°29	1°26	6°23	W18
T 19	17 47 57	27°21'49	15°38	18°52	17° 5	17°54	24°41	29°14	4°33	0°28	0°52	21°46	23°26	1°33	6°28	T 19
F 20	17 51 54	28°19'04	27°50	18°30	18°18	18°37	24°51	29°22	4°30	0°30	0°52	21°41	23°23	1°40	6°32	F 20
S 21	17 55 50	29°16'18	10♌12	18°11	19°32	19°20	25° 0	29°30	4°28	0°33	0°51	21°38	23°20	1°46	6°37	S 21
S 22	17 59 47	0♋13'32	22°45	17°56	20°45	20° 3	25°10	29°38	4°25	0°35	0°50	21°D38	23°17	1°53	6°42	S 22
M23	18 3 44	1°10'45	5♍32	17°46	21°58	20°46	25°20	29°45	4°23	0°37	0°50	21°38	23°14	2° 0	6°46	M23
T 24	18 7 40	2° 7'58	18°37	17°40	23°11	21°29	25°29	29°53	4°21	0°39	0°49	21°40	23°10	2° 6	6°51	T 24
W25	18 11 37	3° 5'10	2♎ 2	17°D38	24°24	22°11	25°39	0♋ 1	4°18	0°42	0°49	21°R40	23° 7	2°13	6°56	W25
T 26	18 15 33	4° 2'21	15°49	17°41	25°37	22°54	25°48	0° 9	4°16	0°44	0°48	21°40	23° 4	2°20	7° 0	T 26
F 27	18 19 30	4°59'32	0♏ 0	17°49	26°50	23°36	25°57	0°17	4°13	0°46	0°48	21°37	23° 1	2°27	7° 5	F 27
S 28	18 23 26	5°56'43	14°33	18° 2	28° 3	24°19	26° 6	0°24	4°11	0°48	0°47	21°33	22°58	2°33	7° 9	S 28
S 29	18 27 23	6°53'53	29°24	18°19	29°16	25° 1	26°15	0°32	4° 8	0°51	0°47	21°27	22°54	2°40	7°14	S 29
M30	18 31 19	7♋51'04	14♐26	18♊42	0♌29	25♈43	26♈24	0♋40	4♉ 6	0♋53	0♏46	21♌21	22♌51	2♊47	7♊18	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	22n 0	13s 3	5n 1	23n10	0s15	24n10	0n47	0n18	1s45	7n16	1s10	22n34	0s52	23s40	0s18	22n23	1s 5	4n 5	17n 0	13n41	13n25	15n 4	17n15	3s59	S 1
M 2	22 8	16 27	4 55	22 54	0 31	24 14	0 49	0 35	1 46	7 20	1 10	22 34	0 52	23 40	0 18	22 23	1 5	4 5	17 0	13 44	13 26	15 6	17 15	3 59	M 2
T 3	22 16	18 43	4 27	22 37	0 48	24 18	0 52	0 52	1 46	7 25	1 10	22 34	0 52	23 40	0 18	22 23	1 5	4 5	16 59	13 47	13 27	15 7	17 16	3 59	T 3
W 4	22 24	19 39	3 41	22 20	1 5	24 22	0 54	1 9	1 46	7 29	1 11	22 35	0 52	23 40	0 18	22 23	1 5	4 5	16 59	13 50	13 28	15 9	17 17	3 59	W 4
T 5	22 31	19 11	2 42	22 2	1 22	24 24	0 56	1 27	1 46	7 33	1 11	22 35	0 52	23 40	0 18	22 23	1 5	4 5	16 59	13 52	13 29	15 10	17 17	4 0	T 5
F 6	22 37	17 30	1 33	21 45	1 39	24 26	0 58	1 44	1 46	7 37	1 11	22 35	0 52	23 40	0 18	22 24	1 5	4 5	16 58	13 53	13 30	15 11	17 18	4 0	F 6
S 7	22 43	14 50	0 21	21 27	1 56	24 27	1 0	2 1	1 47	7 41	1 11	22 35	0 52	23 40	0 18	22 24	1 5	4 5	16 58	13 53	13 31	15 13	17 19	4 0	S 7
S 8	22 49	11 27	0s49	21 9	2 13	24 27	1 2	2 18	1 47	7 45	1 11	22 36	0 51	23 40	0 18	22 24	1 5	4 5	16 57	13 53	13 32	15 14	17 20	4 0	S 8
M 9	22 55	7 37	1 56	20 51	2 29	24 27	1 4	2 35	1 47	7 49	1 11	22 36	0 51	23 41	0 18	22 24	1 5	4 4	16 57	13 53	13 33	15 16	17 20	4 0	M 9
T 10	23 0	3 34	2 54	20 34	2 45	24 25	1 6	2 52	1 47	7 53	1 11	22 36	0 51	23 41	0 18	22 24	1 5	4 4	16 56	13 53	13 34	15 17	17 21	4 0	T 10
W11	23 4	0n33	3 43	20 17	3 1	24 24	1 8	3 9	1 47	7 57	1 12	22 36	0 51	23 41	0 18	22 24	1 5	4 4	16 56	13 54	13 35	15 19	17 22	4 0	W11
T 12	23 9	4 34	4 22	20 1	3 15	24 21	1 9	3 26	1 48	8 1	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 4	16 55	13 55	13 36	15 20	17 22	4 1	T 12
F 13	23 12	8 22	4 48	19 45	3 29	24 18	1 11	3 42	1 48	8 5	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 4	16 55	13 57	13 37	15 22	17 23	4 1	F 13
S 14	23 16	11 48	5 2	19 31	3 41	24 14	1 13	3 59	1 48	8 8	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 4	16 55	14 0	13 38	15 23	17 24	4 1	S 14
S 15	23 19	14 47	5 2	19 17	3 53	24 9	1 15	4 16	1 48	8 12	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 4	16 54	14 4	13 39	15 25	17 24	4 1	S 15
M16	23 21	17 9	4 50	19 5	4 3	24 3	1 16	4 33	1 48	8 16	1 12	22 37	0 51	23 41	0 18	22 24	1 5	4 3	16 54	14 7	13 40	15 26	17 25	4 1	M16
T 17	23 24	18 48	4 25	18 54	4 11	23 57	1 18	4 49	1 48	8 19	1 13	22 37	0 51	23 41	0 18	22 24	1 5	4 3	16 53	14 11	13 41	15 27	17 25	4 1	T 17
W18	23 25	19 37	3 48	18 45	4 18	23 50	1 19	5 6	1 48	8 23	1 13	22 38	0 51	23 41	0 18	22 24	1 5	4 3	16 53	14 14	13 42	15 29	17 26	4 2	W18
T 19	23 27	19 34	3 1	18 37	4 24	23 43	1 21	5 22	1 48	8 26	1 13	22 38	0 50	23 42	0 18	22 24	1 5	4 3	16 52	14 16	13 43	15 30	17 27	4 2	T 19
F 20	23 28	18 36	2 4	18 31	4 28	23 35	1 22	5 38	1 48	8 30	1 13	22 38	0 50	23 42	0 18	22 24	1 5	4 3	16 52	14 18	13 45	15 32	17 27	4 2	F 20
S 21	23 28	16 44	1 1	18 26	4 31	23 26	1 24	5 54	1 48	8 33	1 13	22 38	0 50	23 42	0 18	22 24	1 5	4 2	16 51	14 19	13 46	15 33	17 28	4 2	S 21
S 22	23 28	14 3	0n 6	18 24	4 33	23 16	1 25	6 11	1 48	8 37	1 13	22 38	0 50	23 42	0 18	22 24	1 5	4 2	16 50	14 19	13 47	15 35	17 28	4 2	S 22
M23	23 28	10 39	1 14	18 23	4 33	23 6	1 26	6 27	1 48	8 40	1 14	22 38	0 50	23 42	0 18	22 24	1 5	4 2	16 50	14 19	13 48	15 36	17 29	4 3	M23
T 24	23 27	6 40	2 20	18 23	4 32	22 55	1 27	6 43	1 48	8 43	1 14	22 38	0 50	23 42	0 18	22 24	1 5	4 1	16 49	14 18	13 49	15 38	17 29	4 3	T 24
W25	23 26	2 15	3 20	18 26	4 29	22 43	1 29	6 58	1 48	8 47	1 14	22 38	0 50	23 42	0 18	22 24	1 5	4 1	16 49	14 18	13 50	15 39	17 30	4 3	W25
T 26	23 25	2s23	4 10	18 30	4 25	22 31	1 30	7 14	1 48	8 50	1 14	22 38	0 50	23 42	0 18	22 24	1 5	4 1	16 48	14 18	13 51	15 40	17 31	4 3	T 26
F 27	23 23	7 0	4 47	18 35	4 20	22 18	1 31	7 30	1 48	8 53	1 14	22 38	0 50	23 42	0 18	22 24	1 4	4 0	16 48	14 19	13 52	15 42	17 31	4 3	F 27
S 28	23 20	11 21	5 6	18 42	4 15	22 4	1 32	7 46	1 48	8 56	1 15	22 38	0 50	23 42	0 18	22 24	1 4	4 0	16 47	14 20	13 53	15 43	17 32	4 4	S 28
S 29	23 17	15 4	5 5	18 51	4 8	21 50	1 32	8 1	1 48	8 59	1 15	22 39	0 50	23 42	0 18	22 24	1 4	4 0	16 47	14 22	13 54	15 45	17 32	4 4	S 29
M30	23n14	17s51	4n44	19n 0	4s 0	21n35	1n33	8n16	1s48	9n 2	1s15	22n39	0s50	23s42	0s18	22n24	1s 4	3n59	16n46	14n24	13n55	15n46	17n33	4s 4	M30

Julian Day Number = 2356002.5, Delta T = 12.87 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'18, Lahiri = 20°12'19Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

JULY 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 16	8♋48'14	29♐29	19♊ 9	1♌42	26♈25	26♈33	0♋48	4°R 4	0♋55	0°R46	21°R15	22♌48	2♊53	7♊22	T 1
W 2	18 39 13	9°45'24	14♑26	19°42	2°55	27° 7	26°41	0°56	4♑ 1	0°57	0♏46	21♌10	22°45	3° 0	7°27	W 2
T 3	18 43 9	10°42'34	29° 6	20°19	4° 8	27°49	26°50	1° 3	3°59	0°59	0°45	21° 6	22°42	3° 7	7°31	T 3
F 4	18 47 6	11°39'44	13♒24	21° 2	5°21	28°31	26°58	1°11	3°56	1° 2	0°45	21° 5	22°39	3°14	7°35	F 4
S 5	18 51 2	12°36'55	27°15	21°49	6°34	29°13	27° 6	1°19	3°54	1° 4	0°45	21°D 4	22°35	3°20	7°40	S 5
S 6	18 54 59	13°34'06	10♓40	22°41	7°47	29°54	27°14	1°27	3°52	1° 6	0°45	21° 5	22°32	3°27	7°44	S 6
M 7	18 58 55	14°31'17	23°39	23°37	9° 0	0♉36	27°22	1°34	3°49	1° 8	0°44	21° 7	22°29	3°34	7°48	M 7
T 8	19 2 52	15°28'29	6♈17	24°38	10°12	1°17	27°30	1°42	3°47	1°10	0°44	21° 8	22°26	3°41	7°52	T 8
W 9	19 6 48	16°25'41	18°36	25°44	11°25	1°59	27°37	1°50	3°44	1°13	0°44	21°R 9	22°23	3°47	7°57	W 9
T 10	19 10 45	17°22'53	0♉42	26°54	12°38	2°40	27°45	1°57	3°42	1°15	0°44	21° 8	22°20	3°54	8° 1	T 10
F 11	19 14 42	18°20'07	12°39	28° 9	13°51	3°21	27°52	2° 5	3°40	1°17	0°D44	21° 5	22°16	4° 1	8° 5	F 11
S 12	19 18 38	19°17'21	24°32	29°28	15° 4	4° 2	27°59	2°13	3°37	1°19	0°44	21° 2	22°13	4° 7	8° 9	S 12
S 13	19 22 35	20°14'35	6♊23	0♋51	16°16	4°43	28° 6	2°20	3°35	1°21	0°44	20°57	22°10	4°14	8°13	S 13
M14	19 26 31	21°11'50	18°18	2°19	17°29	5°24	28°13	2°28	3°33	1°23	0°44	20°52	22° 7	4°21	8°17	M14
T 15	19 30 28	22° 9'06	0♋18	3°51	18°42	6° 4	28°19	2°35	3°31	1°25	0°44	20°47	22° 4	4°28	8°21	T 15
W16	19 34 24	23° 6'22	12°25	5°26	19°54	6°45	28°26	2°43	3°28	1°28	0°44	20°42	22° 0	4°34	8°25	W16
T 17	19 38 21	24° 3'39	24°41	7° 6	21° 7	7°25	28°32	2°50	3°26	1°30	0°45	20°39	21°57	4°41	8°29	T 17
F 18	19 42 17	25° 0'57	7♌ 7	8°49	22°20	8° 5	28°38	2°58	3°24	1°32	0°45	20°37	21°54	4°48	8°32	F 18
S 19	19 46 14	25°58'14	19°45	10°36	23°32	8°45	28°44	3° 5	3°22	1°34	0°45	20°D37	21°51	4°54	8°36	S 19
S 20	19 50 11	26°55'33	2♍34	12°25	24°45	9°25	28°50	3°13	3°20	1°36	0°45	20°37	21°48	5° 1	8°40	S 20
M21	19 54 7	27°52'51	15°38	14°18	25°57	10° 5	28°56	3°20	3°17	1°38	0°46	20°38	21°45	5° 8	8°44	M21
T 22	19 58 4	28°50'10	28°55	16°14	27°10	10°45	29° 2	3°27	3°15	1°40	0°46	20°40	21°41	5°15	8°47	T 22
W23	20 2 0	29°47'30	12♎28	18°11	28°22	11°25	29° 7	3°35	3°13	1°42	0°46	20°41	21°38	5°21	8°51	W23
T 24	20 5 57	0♌44'50	26°17	20°11	29°35	12° 4	29°12	3°42	3°11	1°44	0°47	20°R42	21°35	5°28	8°54	T 24
F 25	20 9 53	1°42'10	10♏22	22°13	0♍47	12°43	29°17	3°49	3° 9	1°46	0°47	20°41	21°32	5°35	8°58	F 25
S 26	20 13 50	2°39'31	24°41	24°16	2° 0	13°22	29°22	3°57	3° 7	1°48	0°48	20°40	21°29	5°41	9° 1	S 26
S 27	20 17 46	3°36'53	9♐12	26°21	3°12	14° 1	29°27	4° 4	3° 5	1°50	0°48	20°39	21°26	5°48	9° 5	S 27
M28	20 21 43	4°34'15	23°49	28°26	4°24	14°40	29°31	4°11	3° 3	1°52	0°49	20°37	21°22	5°55	9° 8	M28
T 29	20 25 40	5°31'37	8♑29	0♌31	5°36	15°19	29°36	4°18	3° 1	1°54	0°49	20°35	21°19	6° 2	9°11	T 29
W30	20 29 36	6°29'01	23° 3	2°37	6°49	15°57	29°40	4°25	2°59	1°56	0°50	20°33	21°16	6° 8	9°15	W30
T 31	20 33 33	7♌26'25	7♒26	4♌42	8♍ 1	16♉36	29♈44	4♋32	2♑57	1♋58	0♏51	20♌32	21♌13	6♊15	9♊18	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	23n11	19s25	4n 3	19n11	3s51	21n20	1n34	8n32	1s48	9n 5	1s15	22n39	0s50	23s43	0s18	22n24	1s 4	3n59	16n46	14n26	13n56	15n48	17n33	4s 4
W 2	23 7	19 37	3 5	19 23	3 42	21 4	1 35	8 47	1 48	9 8	1 15	22 39	0 49	23 43	0 18	22 24	1 4	3 58	16 45	14 28	13 57	15 49	17 34	4 5
T 3	23 2	18 28	1 56	19 36	3 31	20 47	1 35	9 2	1 48	9 11	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 58	16 44	14 29	13 58	15 50	17 34	4 5
F 4	22 58	16 10	0 42	19 50	3 21	20 30	1 36	9 17	1 48	9 14	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 58	16 44	14 30	13 59	15 52	17 34	4 5
S 5	22 52	12 58	0s34	20 4	3 9	20 13	1 36	9 32	1 48	9 16	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 57	16 43	14 30	14 0	15 53	17 35	4 5
S 6	22 47	9 11	1 45	20 19	2 57	19 54	1 37	9 47	1 47	9 19	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 57	16 43	14 29	14 1	15 55	17 35	4 6
M 7	22 41	5 6	2 48	20 34	2 45	19 36	1 37	10 1	1 47	9 22	1 16	22 39	0 49	23 43	0 18	22 24	1 4	3 56	16 42	14 29	14 2	15 56	17 36	4 6
T 8	22 34	0 54	3 41	20 49	2 32	19 16	1 37	10 16	1 47	9 24	1 17	22 39	0 49	23 43	0 18	22 23	1 4	3 56	16 42	14 28	14 3	15 57	17 36	4 6
W 9	22 28	3n14	4 23	21 5	2 19	18 56	1 38	10 30	1 47	9 27	1 17	22 39	0 49	23 43	0 18	22 23	1 4	3 55	16 41	14 28	14 4	15 59	17 36	4 6
T 10	22 20	7 10	4 52	21 20	2 6	18 36	1 38	10 44	1 47	9 29	1 17	22 38	0 49	23 43	0 18	22 23	1 4	3 55	16 40	14 29	14 5	16 0	17 37	4 7
F 11	22 13	10 45	5 8	21 35	1 53	18 15	1 38	10 59	1 47	9 32	1 17	22 38	0 49	23 43	0 18	22 23	1 4	3 54	16 40	14 29	14 6	16 2	17 37	4 7
S 12	22 5	13 54	5 11	21 49	1 39	17 54	1 38	11 13	1 46	9 34	1 17	22 38	0 49	23 43	0 18	22 23	1 4	3 54	16 39	14 30	14 7	16 3	17 38	4 7
S 13	21 57	16 28	5 1	22 2	1 26	17 32	1 38	11 27	1 46	9 36	1 18	22 38	0 49	23 43	0 18	22 23	1 4	3 53	16 39	14 32	14 8	16 4	17 38	4 8
M14	21 48	18 21	4 37	22 15	1 12	17 10	1 37	11 40	1 46	9 38	1 18	22 38	0 49	23 44	0 18	22 23	1 4	3 52	16 38	14 34	14 9	16 6	17 38	4 8
T 15	21 39	19 27	4 1	22 26	0 59	16 47	1 37	11 54	1 46	9 41	1 18	22 38	0 49	23 44	0 18	22 23	1 4	3 52	16 38	14 35	14 10	16 7	17 39	4 8
W16	21 29	19 40	3 14	22 36	0 45	16 24	1 37	12 8	1 45	9 43	1 18	22 38	0 49	23 44	0 18	22 23	1 4	3 51	16 37	14 37	14 11	16 8	17 39	4 8
T 17	21 20	18 58	2 17	22 45	0 32	16 0	1 36	12 21	1 45	9 45	1 18	22 38	0 49	23 44	0 18	22 23	1 4	3 51	16 36	14 38	14 13	16 10	17 39	4 9
F 18	21 9	17 20	1 13	22 51	0 19	15 36	1 36	12 34	1 45	9 47	1 19	22 38	0 48	23 44	0 18	22 23	1 4	3 50	16 36	14 38	14 14	16 11	17 39	4 9
S 19	20 59	14 50	0 5	22 56	0 7	15 11	1 35	12 47	1 44	9 49	1 19	22 38	0 48	23 44	0 18	22 23	1 4	3 49	16 35	14 38	14 15	16 13	17 40	4 9
S 20	20 48	11 35	1n 5	22 59	0n 5	14 47	1 35	13 0	1 44	9 51	1 19	22 38	0 48	23 44	0 18	22 23	1 4	3 49	16 35	14 38	14 16	16 14	17 40	4 10
M21	20 37	7 43	2 13	22 59	0 17	14 21	1 34	13 13	1 44	9 52	1 19	22 37	0 48	23 44	0 18	22 23	1 5	3 48	16 34	14 38	14 17	16 15	17 40	4 10
T 22	20 25	3 25	3 16	22 57	0 28	13 56	1 33	13 26	1 43	9 54	1 20	22 37	0 48	23 44	0 18	22 23	1 5	3 47	16 33	14 37	14 18	16 17	17 40	4 10
W23	20 13	1s 8	4 8	22 52	0 39	13 30	1 32	13 38	1 43	9 56	1 20	22 37	0 48	23 44	0 18	22 23	1 5	3 47	16 33	14 37	14 19	16 18	17 41	4 11
T 24	20 1	5 42	4 47	22 45	0 48	13 4	1 31	13 51	1 43	9 57	1 20	22 37	0 48	23 44	0 18	22 23	1 5	3 46	16 32	14 37	14 20	16 19	17 41	4 11
F 25	19 48	10 2	5 10	22 35	0 58	12 37	1 30	14 3	1 42	9 59	1 20	22 37	0 48	23 44	0 18	22 23	1 5	3 45	16 32	14 37	14 21	16 21	17 41	4 11
S 26	19 36	13 52	5 15	22 22	1 6	12 10	1 29	14 15	1 42	10 0	1 21	22 37	0 48	23 44	0 18	22 23	1 5	3 45	16 31	14 37	14 22	16 22	17 41	4 12
S 27	19 22	16 56	4 59	22 7	1 14	11 43	1 28	14 27	1 41	10 2	1 21	22 37	0 48	23 44	0 18	22 23	1 5	3 44	16 31	14 38	14 23	16 24	17 41	4 12
M28	19 9	18 56	4 24	21 49	1 20	11 15	1 27	14 39	1 41	10 3	1 21	22 36	0 48	23 44	0 18	22 23	1 5	3 43	16 30	14 38	14 24	16 25	17 42	4 12
T 29	18 55	19 40	3 32	21 28	1 26	10 47	1 25	14 51	1 41	10 5	1 21	22 36	0 48	23 44	0 18	22 23	1 5	3 42	16 29	14 39	14 25	16 26	17 42	4 13
W30	18 41	19 6	2 26	21 5	1 32	10 19	1 24	15 2	1 40	10 6	1 21	22 36	0 48	23 44	0 18	22 23	1 5	3 42	16 29	14 39	14 26	16 28	17 42	4 13
T 31	18n26	17s17	1n12	20n40	1n36	9n51	1n22	15n14	1s40	10n 7	1s22	22n36	0s48	23s44	0s18	22n23	1s 5	3n41	16n28	14n40	14n27	16n29	17n42	4s13

Julian Day Number = 2356032.5, Delta T = 12.88 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'22, Lahiri = 20°12'23Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

AUGUST 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 37 29	8♌23'51	21♒32	6♌47	9♍13	17♉14	29♈47	4♋39	2°R56	2♋ 0	0♏51	20°D32	21♌10	6♊22	9♊21	F 1
S 2	20 41 26	9°21'17	5♓18	8°52	10°25	17°52	29°51	4°46	2♑54	2° 1	0°52	20♌33	21° 6	6°29	9°24	S 2
S 3	20 45 22	10°18'44	18°41	10°55	11°37	18°30	29°55	4°53	2°52	2° 3	0°53	20°33	21° 3	6°35	9°27	S 3
M 4	20 49 19	11°16'13	1♈41	12°58	12°49	19° 7	29°58	5° 0	2°50	2° 5	0°54	20°34	21° 0	6°42	9°30	M 4
T 5	20 53 15	12°13'42	14°21	15° 0	14° 1	19°45	0♉ 1	5° 7	2°49	2° 7	0°54	20°35	20°57	6°49	9°33	T 5
W 6	20 57 12	13°11'14	26°43	17° 0	15°13	20°22	0° 4	5°13	2°47	2° 9	0°55	20°36	20°54	6°55	9°36	W 6
T 7	21 1 9	14° 8'46	8♉51	19° 0	16°25	20°59	0° 6	5°20	2°45	2°11	0°56	20°36	20°51	7° 2	9°39	T 7
F 8	21 5 5	15° 6'20	20°50	20°58	17°37	21°36	0° 9	5°27	2°44	2°12	0°57	20°R36	20°47	7° 9	9°42	F 8
S 9	21 9 2	16° 3'56	2♊43	22°54	18°49	22°13	0°11	5°33	2°42	2°14	0°58	20°36	20°44	7°16	9°44	S 9
S 10	21 12 58	17° 1'33	14°36	24°50	20° 1	22°50	0°13	5°40	2°41	2°16	0°59	20°35	20°41	7°22	9°47	S 10
M11	21 16 55	17°59'11	26°33	26°43	21°13	23°26	0°15	5°46	2°39	2°17	1° 0	20°35	20°38	7°29	9°50	M11
T 12	21 20 51	18°56'51	8♋37	28°36	22°25	24° 3	0°17	5°53	2°38	2°19	1° 1	20°35	20°35	7°36	9°52	T 12
W13	21 24 48	19°54'32	20°51	0♍27	23°37	24°39	0°18	5°59	2°36	2°21	1° 2	20°35	20°32	7°42	9°55	W13
T 14	21 28 44	20°52'15	3♌19	2°16	24°48	25°14	0°20	6° 6	2°35	2°22	1° 3	20°D35	20°28	7°49	9°57	T 14
F 15	21 32 41	21°49'59	16° 1	4° 4	26° 0	25°50	0°21	6°12	2°34	2°24	1° 4	20°R35	20°25	7°56	9°59	F 15
S 16	21 36 38	22°47'45	28°59	5°51	27°12	26°25	0°22	6°18	2°32	2°26	1° 6	20°35	20°22	8° 3	10° 2	S 16
S 17	21 40 34	23°45'32	12♍11	7°36	28°23	27° 1	0°23	6°24	2°31	2°27	1° 7	20°34	20°19	8° 9	10° 4	S 17
M18	21 44 31	24°43'20	25°38	9°20	29°35	27°35	0°23	6°30	2°30	2°29	1° 8	20°34	20°16	8°16	10° 6	M18
T 19	21 48 27	25°41'10	9♎18	11° 3	0♎46	28°10	0°23	6°36	2°29	2°30	1° 9	20°33	20°12	8°23	10° 8	T 19
W20	21 52 24	26°39'00	23° 9	12°44	1°58	28°45	0°R24	6°42	2°28	2°32	1°11	20°33	20° 9	8°29	10°10	W20
T 21	21 56 20	27°36'52	7♏10	14°23	3° 9	29°19	0°24	6°48	2°27	2°33	1°12	20°32	20° 6	8°36	10°12	T 21
F 22	22 0 17	28°34'45	21°18	16° 2	4°21	29°53	0°23	6°54	2°26	2°35	1°13	20°32	20° 3	8°43	10°14	F 22
S 23	22 4 13	29°32'40	5♐31	17°39	5°32	0♊27	0°23	7° 0	2°25	2°36	1°15	20°D32	20° 0	8°50	10°16	S 23
S 24	22 8 10	0♍30'36	19°46	19°14	6°43	1° 0	0°22	7° 6	2°24	2°37	1°16	20°32	19°57	8°56	10°18	S 24
M25	22 12 7	1°28'33	4♑ 2	20°49	7°55	1°33	0°21	7°11	2°23	2°39	1°17	20°33	19°53	9° 3	10°19	M25
T 26	22 16 3	2°26'31	18°15	22°22	9° 6	2° 6	0°20	7°17	2°22	2°40	1°19	20°34	19°50	9°10	10°21	T 26
W27	22 20 0	3°24'31	2♒21	23°53	10°17	2°39	0°19	7°23	2°21	2°41	1°20	20°35	19°47	9°16	10°23	W27
T 28	22 23 56	4°22'32	16°18	25°24	11°28	3°12	0°18	7°28	2°20	2°43	1°22	20°R35	19°44	9°23	10°24	T 28
F 29	22 27 53	5°20'35	0♓ 2	26°53	12°39	3°44	0°16	7°33	2°20	2°44	1°23	20°35	19°41	9°30	10°26	F 29
S 30	22 31 49	6°18'39	13°32	28°21	13°50	4°16	0°14	7°39	2°19	2°45	1°25	20°34	19°38	9°37	10°27	S 30
S 31	22 35 46	7♍16'45	26♓44	29♍47	15♎ 1	4♊48	0♉12	7♋44	2♑19	2♋46	1♏27	20♌33	19♌34	9♊43	10♊28	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	18n11	14s26	0s 6	20n12	1n39	9n22	1n21	15n25	1s39	10n 8	1s22	22n36	0s48	23s44	0s18	22n23	1s 5	3n40	16n28	14n40	14n28	16n30	17n42	4s14
S 2	17 56	10 50	1 21	19 43	1 42	8 54	1 19	15 36	1 39	10 9	1 22	22 35	0 48	23 45	0 18	22 23	1 5	3 39	16 27	14 40	14 29	16 32	17 42	4 14
S 3	17 41	6 47	2 30	19 11	1 44	8 24	1 18	15 47	1 38	10 10	1 22	22 35	0 48	23 45	0 18	22 23	1 5	3 39	16 26	14 39	14 30	16 33	17 42	4 14
M 4	17 25	2 31	3 29	18 38	1 46	7 55	1 16	15 58	1 38	10 11	1 23	22 35	0 48	23 45	0 18	22 23	1 5	3 38	16 26	14 39	14 31	16 34	17 42	4 15
T 5	17 9	1n44	4 16	18 3	1 46	7 26	1 14	16 8	1 37	10 12	1 23	22 35	0 48	23 45	0 18	22 23	1 5	3 37	16 25	14 39	14 32	16 36	17 43	4 15
W 6	16 53	5 48	4 50	17 27	1 46	6 56	1 12	16 19	1 36	10 13	1 23	22 34	0 48	23 45	0 18	22 23	1 5	3 36	16 25	14 39	14 33	16 37	17 43	4 15
T 7	16 36	9 34	5 10	16 49	1 45	6 26	1 10	16 29	1 36	10 13	1 23	22 34	0 48	23 45	0 18	22 23	1 5	3 35	16 24	14 39	14 34	16 38	17 43	4 16
F 8	16 20	12 53	5 17	16 10	1 44	5 56	1 8	16 39	1 35	10 14	1 24	22 34	0 48	23 45	0 18	22 22	1 5	3 35	16 24	14 39	14 35	16 40	17 43	4 16
S 9	16 3	15 40	5 10	15 30	1 42	5 26	1 6	16 49	1 35	10 15	1 24	22 34	0 48	23 45	0 18	22 22	1 5	3 34	16 23	14 39	14 36	16 41	17 43	4 16
S 10	15 45	17 47	4 50	14 50	1 40	4 56	1 3	16 59	1 34	10 15	1 24	22 34	0 47	23 45	0 18	22 22	1 5	3 33	16 22	14 39	14 37	16 42	17 43	4 17
M11	15 28	19 9	4 17	14 8	1 37	4 25	1 1	17 9	1 33	10 16	1 24	22 33	0 47	23 45	0 18	22 22	1 5	3 32	16 22	14 39	14 38	16 44	17 43	4 17
T 12	15 10	19 40	3 32	13 26	1 33	3 55	0 59	17 19	1 33	10 16	1 25	22 33	0 47	23 45	0 18	22 22	1 5	3 31	16 21	14 39	14 39	16 45	17 43	4 18
W13	14 52	19 15	2 37	12 43	1 29	3 24	0 56	17 28	1 32	10 16	1 25	22 33	0 47	23 45	0 18	22 22	1 5	3 30	16 21	14 39	14 40	16 46	17 43	4 18
T 14	14 33	17 55	1 34	12 0	1 25	2 53	0 54	17 37	1 31	10 16	1 25	22 33	0 47	23 45	0 18	22 22	1 5	3 29	16 20	14 39	14 41	16 48	17 43	4 18
F 15	14 15	15 39	0 25	11 16	1 20	2 23	0 51	17 46	1 31	10 17	1 25	22 32	0 47	23 45	0 18	22 22	1 5	3 29	16 20	14 39	14 42	16 49	17 43	4 19
S 16	13 56	12 34	0n46	10 32	1 15	1 52	0 49	17 55	1 30	10 17	1 26	22 32	0 47	23 45	0 18	22 22	1 5	3 28	16 19	14 39	14 43	16 50	17 43	4 19
S 17	13 37	8 48	1 57	9 48	1 9	1 21	0 46	18 4	1 29	10 17	1 26	22 32	0 47	23 45	0 18	22 22	1 5	3 27	16 19	14 39	14 44	16 51	17 42	4 20
M18	13 18	4 32	3 2	9 4	1 4	0 50	0 43	18 13	1 28	10 17	1 26	22 31	0 47	23 45	0 18	22 22	1 5	3 26	16 18	14 39	14 45	16 53	17 42	4 20
T 19	12 59	0s 2	3 58	8 19	0 58	0 19	0 40	18 21	1 28	10 17	1 26	22 31	0 47	23 45	0 18	22 22	1 5	3 25	16 18	14 39	14 46	16 54	17 42	4 20
W20	12 39	4 39	4 41	7 35	0 51	0s12	0 38	18 30	1 27	10 16	1 27	22 31	0 47	23 45	0 18	22 22	1 5	3 24	16 17	14 40	14 47	16 55	17 42	4 21
T 21	12 19	9 4	5 8	6 50	0 44	0 44	0 35	18 38	1 26	10 16	1 27	22 31	0 47	23 45	0 18	22 22	1 5	3 23	16 17	14 40	14 48	16 57	17 42	4 21
F 22	11 59	13 1	5 17	6 6	0 38	1 15	0 32	18 46	1 25	10 16	1 27	22 30	0 47	23 45	0 18	22 22	1 5	3 22	16 16	14 40	14 49	16 58	17 42	4 22
S 23	11 39	16 14	5 6	5 21	0 30	1 46	0 29	18 54	1 24	10 16	1 27	22 30	0 47	23 45	0 18	22 22	1 5	3 21	16 16	14 40	14 50	16 59	17 42	4 22
S 24	11 18	18 29	4 37	4 37	0 23	2 17	0 26	19 2	1 23	10 15	1 27	22 30	0 47	23 45	0 18	22 22	1 5	3 20	16 15	14 40	14 51	17 1	17 42	4 22
M25	10 58	19 35	3 50	3 53	0 16	2 48	0 22	19 9	1 23	10 15	1 28	22 30	0 47	23 45	0 18	22 22	1 5	3 19	16 15	14 40	14 52	17 2	17 41	4 23
T 26	10 37	19 26	2 50	3 9	0 8	3 19	0 19	19 17	1 22	10 14	1 28	22 29	0 47	23 45	0 18	22 22	1 5	3 18	16 14	14 39	14 53	17 3	17 41	4 23
W27	10 16	18 3	1 39	2 26	0 0	3 50	0 16	19 24	1 21	10 13	1 28	22 29	0 47	23 45	0 18	22 22	1 5	3 17	16 14	14 39	14 54	17 4	17 41	4 24
T 28	9 55	15 36	0 24	1 43	0s 8	4 21	0 13	19 31	1 20	10 13	1 28	22 29	0 47	23 45	0 18	22 22	1 5	3 17	16 13	14 39	14 55	17 6	17 41	4 24
F 29	9 34	12 17	0s52	1 0	0 16	4 52	0 9	19 38	1 19	10 12	1 29	22 28	0 47	23 45	0 18	22 21	1 5	3 16	16 13	14 39	14 56	17 7	17 41	4 25
S 30	9 12	8 23	2 3	0 18	0 24	5 22	0 6	19 45	1 18	10 11	1 29	22 28	0 47	23 45	0 18	22 21	1 5	3 15	16 12	14 39	14 57	17 8	17 40	4 25
S 31	8n51	4s 9	3s 7	0s24	0s32	5s53	0n 2	19n52	1s17	10n10	1s29	22n28	0s47	23s45	0s18	22n21	1s 5	3n14	16n12	14n40	14n58	17n 9	17n40	4s25

Julian Day Number = 2356063.5, Delta T = 12.90 sec
Ecliptic obliquity = 23°28'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'27, Lahiri = 20°12'27Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

SEPTEMBER 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 39 42	8♍14'53	9♈39	1♎12	16♎12	5♊19	0°R10	7♋49	2°R18	2♋47	1♏28	20°R30	19♌31	9♊50	10♊30	M 1
T 2	22 43 39	9°13'03	22°16	2°36	17°22	5°50	0♉ 7	7°54	2♉18	2°48	1°30	20♌27	19°28	9°57	10°31	T 2
W 3	22 47 36	10°11'14	4♉38	3°58	18°33	6°21	0° 5	7°59	2°17	2°50	1°32	20°25	19°25	10° 3	10°32	W 3
T 4	22 51 32	11° 9'28	16°46	5°19	19°44	6°51	0° 2	8° 4	2°17	2°51	1°33	20°22	19°22	10°10	10°33	T 4
F 5	22 55 29	12° 7'44	28°45	6°38	20°54	7°22	29♈59	8° 9	2°16	2°52	1°35	20°21	19°18	10°17	10°34	F 5
S 6	22 59 25	13° 6'02	10♊38	7°56	22° 5	7°51	29°56	8°14	2°16	2°53	1°37	20°D20	19°15	10°24	10°35	S 6
S 7	23 3 22	14° 4'21	22°31	9°12	23°15	8°21	29°52	8°18	2°16	2°54	1°39	20°20	19°12	10°30	10°36	S 7
M 8	23 7 18	15° 2'44	4♋28	10°27	24°26	8°50	29°49	8°23	2°16	2°55	1°40	20°21	19° 9	10°37	10°36	M 8
T 9	23 11 15	16° 1'08	16°33	11°40	25°36	9°19	29°45	8°28	2°15	2°56	1°42	20°23	19° 6	10°44	10°37	T 9
W10	23 15 11	16°59'34	28°52	12°51	26°47	9°48	29°41	8°32	2°15	2°56	1°44	20°25	19° 3	10°50	10°38	W10
T 11	23 19 8	17°58'02	11♌27	14° 0	27°57	10°16	29°37	8°36	2°D15	2°57	1°46	20°26	18°59	10°57	10°38	T 11
F 12	23 23 5	18°56'33	24°22	15° 7	29° 7	10°43	29°32	8°41	2°15	2°58	1°48	20°R26	18°56	11° 4	10°39	F 12
S 13	23 27 1	19°55'05	7♍37	16°12	0♏17	11°11	29°28	8°45	2°15	2°59	1°50	20°25	18°53	11°11	10°39	S 13
S 14	23 30 58	20°53'39	21°12	17°15	1°27	11°38	29°23	8°49	2°15	3° 0	1°52	20°22	18°50	11°17	10°39	S 14
M15	23 34 54	21°52'15	5♎ 6	18°16	2°37	12° 5	29°18	8°53	2°16	3° 0	1°54	20°18	18°47	11°24	10°40	M15
T 16	23 38 51	22°50'53	19°14	19°14	3°47	12°31	29°13	8°57	2°16	3° 1	1°56	20°14	18°43	11°31	10°40	T 16
W17	23 42 47	23°49'33	3♏32	20° 9	4°57	12°57	29° 8	9° 1	2°16	3° 2	1°58	20° 9	18°40	11°37	10°40	W17
T 18	23 46 44	24°48'15	17°55	21° 1	6° 7	13°22	29° 3	9° 4	2°16	3° 2	2° 0	20° 4	18°37	11°44	10°R40	T 18
F 19	23 50 40	25°46'58	2♐17	21°50	7°16	13°47	28°57	9° 8	2°17	3° 3	2° 2	20° 1	18°34	11°51	10°40	F 19
S 20	23 54 37	26°45'44	16°35	22°36	8°26	14°12	28°51	9°11	2°17	3° 4	2° 4	19°59	18°31	11°58	10°40	S 20
S 21	23 58 33	27°44'31	0♑46	23°18	9°36	14°36	28°46	9°15	2°18	3° 4	2° 6	19°D58	18°28	12° 4	10°39	S 21
M22	0 2 30	28°43'19	14°47	23°56	10°45	15° 0	28°40	9°18	2°18	3° 5	2° 8	19°59	18°24	12°11	10°39	M22
T 23	0 6 27	29°42'10	28°39	24°29	11°54	15°23	28°34	9°21	2°19	3° 5	2°10	20° 0	18°21	12°18	10°39	T 23
W24	0 10 23	0♎41'02	12♒20	24°58	13° 4	15°46	28°27	9°25	2°19	3° 5	2°12	20° 2	18°18	12°24	10°38	W24
T 25	0 14 20	1°39'55	25°51	25°21	14°13	16° 8	28°21	9°28	2°20	3° 6	2°14	20°R 2	18°15	12°31	10°38	T 25
F 26	0 18 16	2°38'51	9♓10	25°40	15°22	16°30	28°14	9°31	2°21	3° 6	2°17	20° 0	18°12	12°38	10°37	F 26
S 27	0 22 13	3°37'48	22°17	25°52	16°31	16°51	28° 8	9°33	2°22	3° 7	2°19	19°56	18° 9	12°45	10°37	S 27
S 28	0 26 9	4°36'48	5♈13	25°R58	17°40	17°12	28° 1	9°36	2°22	3° 7	2°21	19°50	18° 5	12°51	10°36	S 28
M29	0 30 6	5°35'49	17°55	25°57	18°48	17°32	27°54	9°39	2°23	3° 7	2°23	19°43	18° 2	12°58	10°35	M29
T 30	0 34 2	6♎34'53	0♉24	25♎48	19♏57	17♊52	27♈47	9♋41	2♉24	3♋ 7	2♏25	19♌34	17♌59	13♊ 5	10♊34	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	8n29	0n10	3s59	1s 6	0s41	6s24	0s 1	19n58	1s16	10n 9	1s29	22n28	0s47	23s45	0s18	22n21	1s 5	3n13	16n11	14n40	14n59	17n11	17n40	4s26
T 2	8 7	4 23	4 38	1 47	0 49	6 54	0 5	20 5	1 15	10 8	1 30	22 27	0 47	23 45	0 18	22 21	1 5	3 12	16 11	14 41	15 0	17 12	17 40	4 26
W 3	7 46	8 19	5 3	2 27	0 57	7 24	0 8	20 11	1 14	10 7	1 30	22 27	0 47	23 45	0 18	22 21	1 5	3 11	16 10	14 42	15 1	17 13	17 39	4 27
T 4	7 23	11 51	5 14	3 7	1 6	7 54	0 12	20 17	1 13	10 6	1 30	22 27	0 47	23 45	0 18	22 21	1 5	3 10	16 10	14 43	15 2	17 15	17 39	4 27
F 5	7 1	14 50	5 11	3 47	1 14	8 24	0 15	20 23	1 12	10 4	1 30	22 26	0 47	23 45	0 18	22 21	1 5	3 9	16 9	14 44	15 3	17 16	17 39	4 27
S 6	6 39	17 12	4 55	4 25	1 23	8 54	0 19	20 29	1 11	10 3	1 30	22 26	0 47	23 45	0 18	22 21	1 5	3 8	16 9	14 44	15 4	17 17	17 39	4 28
S 7	6 16	18 49	4 27	5 3	1 31	9 24	0 23	20 35	1 9	10 2	1 31	22 26	0 47	23 45	0 18	22 21	1 5	3 7	16 9	14 44	15 5	17 18	17 38	4 28
M 8	5 54	19 38	3 46	5 40	1 40	9 53	0 26	20 41	1 8	10 0	1 31	22 26	0 47	23 45	0 18	22 21	1 5	3 6	16 8	14 43	15 6	17 20	17 38	4 29
T 9	5 31	19 33	2 55	6 17	1 48	10 23	0 30	20 46	1 7	9 59	1 31	22 25	0 47	23 45	0 18	22 21	1 5	3 5	16 8	14 43	15 7	17 21	17 38	4 29
W10	5 9	18 32	1 56	6 52	1 56	10 52	0 34	20 52	1 6	9 57	1 31	22 25	0 47	23 45	0 18	22 21	1 5	3 4	16 7	14 42	15 8	17 22	17 37	4 30
T 11	4 46	16 35	0 49	7 27	2 5	11 21	0 38	20 57	1 5	9 56	1 31	22 25	0 47	23 45	0 18	22 21	1 5	3 3	16 7	14 42	15 9	17 23	17 37	4 30
F 12	4 23	13 45	0n22	8 0	2 13	11 49	0 42	21 2	1 3	9 54	1 32	22 25	0 47	23 45	0 18	22 21	1 5	3 2	16 7	14 42	15 10	17 25	17 37	4 31
S 13	4 0	10 10	1 33	8 33	2 21	12 18	0 45	21 7	1 2	9 52	1 32	22 24	0 47	23 45	0 18	22 21	1 6	3 1	16 6	14 42	15 11	17 26	17 36	4 31
S 14	3 37	5 57	2 40	9 4	2 29	12 46	0 49	21 12	1 1	9 50	1 32	22 24	0 47	23 45	0 18	22 21	1 6	3 0	16 6	14 43	15 12	17 27	17 36	4 31
M15	3 14	1 20	3 40	9 35	2 36	13 14	0 53	21 17	1 0	9 48	1 32	22 24	0 47	23 45	0 18	22 21	1 6	2 59	16 5	14 44	15 13	17 28	17 35	4 32
T 16	2 51	3s25	4 27	10 4	2 44	13 41	0 57	21 22	0 58	9 46	1 32	22 24	0 47	23 45	0 18	22 21	1 6	2 58	16 5	14 46	15 14	17 29	17 35	4 32
W17	2 27	8 2	4 58	10 31	2 51	14 9	1 1	21 27	0 57	9 44	1 32	22 23	0 47	23 45	0 18	22 21	1 6	2 57	16 5	14 47	15 15	17 31	17 35	4 33
T 18	2 4	12 13	5 11	10 57	2 58	14 36	1 5	21 31	0 55	9 42	1 33	22 23	0 47	23 45	0 18	22 21	1 6	2 56	16 4	14 49	15 16	17 32	17 34	4 33
F 19	1 41	15 40	5 4	11 22	3 4	15 2	1 9	21 35	0 54	9 40	1 33	22 23	0 47	23 45	0 18	22 21	1 6	2 55	16 4	14 50	15 17	17 33	17 34	4 34
S 20	1 17	18 11	4 38	11 45	3 10	15 29	1 12	21 40	0 53	9 38	1 33	22 23	0 47	23 45	0 18	22 20	1 6	2 54	16 4	14 50	15 18	17 34	17 33	4 34
S 21	0 54	19 32	3 56	12 6	3 16	15 55	1 16	21 44	0 51	9 36	1 33	22 22	0 47	23 45	0 18	22 20	1 6	2 53	16 3	14 51	15 19	17 36	17 33	4 34
M22	0 31	19 40	3 0	12 25	3 22	16 20	1 20	21 48	0 50	9 34	1 33	22 22	0 47	23 45	0 18	22 20	1 6	2 52	16 3	14 50	15 20	17 37	17 32	4 35
T 23	0 7	18 36	1 54	12 42	3 26	16 46	1 24	21 52	0 48	9 31	1 33	22 22	0 47	23 45	0 18	22 20	1 6	2 51	16 3	14 50	15 21	17 38	17 32	4 35
W24	0s16	16 27	0 42	12 56	3 30	17 11	1 28	21 56	0 47	9 29	1 33	22 22	0 47	23 45	0 18	22 20	1 6	2 50	16 2	14 50	15 22	17 39	17 31	4 36
T 25	0 40	13 25	0s31	13 8	3 34	17 35	1 32	22 0	0 45	9 27	1 33	22 21	0 47	23 45	0 18	22 20	1 6	2 49	16 2	14 50	15 23	17 40	17 31	4 36
F 26	1 3	9 43	1 42	13 17	3 37	17 59	1 36	22 4	0 43	9 24	1 34	22 21	0 47	23 45	0 18	22 20	1 6	2 48	16 2	14 50	15 24	17 42	17 30	4 37
S 27	1 27	5 36	2 45	13 24	3 38	18 23	1 40	22 8	0 42	9 22	1 34	22 21	0 47	23 45	0 18	22 20	1 6	2 47	16 1	14 51	15 25	17 43	17 30	4 37
S 28	1 50	1 17	3 39	13 26	3 39	18 46	1 43	22 11	0 40	9 19	1 34	22 21	0 47	23 45	0 18	22 20	1 6	2 46	16 1	14 53	15 26	17 44	17 29	4 37
M29	2 14	3n 0	4 21	13 26	3 39	19 9	1 47	22 15	0 39	9 17	1 34	22 21	0 47	23 45	0 18	22 20	1 6	2 45	16 1	14 55	15 27	17 45	17 29	4 38
T 30	2s37	7n 6	4s50	13s21	3s37	19s32	1s51	22n18	0s37	9n14	1s34	22n21	0s47	23s45	0s18	22n20	1s 6	2n44	16n 1	14n58	15n28	17n46	17n28	4s38

Julian Day Number = 2356094.5, Delta T = 12.93 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'31, Lahiri = 20°12'31Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

OCTOBER 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 59	7♎33'59	12♉40	25°R33	21♏ 6	18♊11	27°R40	9♋44	2♑25	3♋ 8	2♏28	19°R25	17♌56	13♊11	10°R33	W 1
T 2	0 41 56	8°33'07	24°46	25♎ 9	22°14	18°30	27♈33	9°46	2°26	3° 8	2°30	19♌17	17°53	13°18	10♊32	T 2
F 3	0 45 52	9°32'17	6♊43	24°38	23°22	18°48	27°25	9°48	2°27	3° 8	2°32	19°10	17°49	13°25	10°31	F 3
S 4	0 49 49	10°31'30	18°35	23°58	24°31	19° 6	27°18	9°50	2°28	3° 8	2°34	19° 6	17°46	13°31	10°30	S 4
S 5	0 53 45	11°30'44	0♋25	23°11	25°39	19°23	27°10	9°52	2°30	3° 8	2°37	19° 3	17°43	13°38	10°29	S 5
M 6	0 57 42	12°30'02	12°20	22°17	26°47	19°39	27° 3	9°54	2°31	3°R 8	2°39	19°D 2	17°40	13°45	10°28	M 6
T 7	1 1 38	13°29'21	24°23	21°16	27°55	19°55	26°55	9°56	2°32	3° 8	2°41	19° 3	17°37	13°52	10°26	T 7
W 8	1 5 35	14°28'43	6♌40	20°10	29° 2	20°11	26°47	9°58	2°33	3° 8	2°44	19° 4	17°34	13°58	10°25	W 8
T 9	1 9 31	15°28'07	19°16	19° 0	0♐10	20°25	26°40	9°59	2°35	3° 8	2°46	19°R 4	17°30	14° 5	10°23	T 9
F 10	1 13 28	16°27'34	2♍15	17°48	1°17	20°39	26°32	10° 1	2°36	3° 8	2°48	19° 3	17°27	14°12	10°22	F 10
S 11	1 17 25	17°27'02	15°40	16°35	2°25	20°52	26°24	10° 2	2°38	3° 8	2°51	19° 0	17°24	14°18	10°20	S 11
S 12	1 21 21	18°26'33	29°31	15°25	3°32	21° 5	26°16	10° 4	2°39	3° 8	2°53	18°55	17°21	14°25	10°19	S 12
M13	1 25 18	19°26'06	13♎46	14°18	4°39	21°17	26° 8	10° 5	2°41	3° 7	2°55	18°47	17°18	14°32	10°17	M13
T 14	1 29 14	20°25'41	28°20	13°17	5°46	21°28	26° 0	10° 6	2°42	3° 7	2°58	18°38	17°14	14°39	10°15	T 14
W15	1 33 11	21°25'18	13♏ 6	12°23	6°53	21°38	25°52	10° 7	2°44	3° 7	3° 0	18°28	17°11	14°45	10°13	W15
T 16	1 37 7	22°24'57	27°56	11°39	7°59	21°48	25°44	10° 7	2°46	3° 7	3° 3	18°18	17° 8	14°52	10°11	T 16
F 17	1 41 4	23°24'38	12♐41	11° 5	9° 6	21°57	25°35	10° 8	2°47	3° 6	3° 5	18°11	17° 5	14°59	10° 9	F 17
S 18	1 45 0	24°24'21	27°15	10°42	10°12	22° 5	25°27	10° 9	2°49	3° 6	3° 7	18° 5	17° 2	15° 5	10° 7	S 18
S 19	1 48 57	25°24'05	11♑33	10°30	11°18	22°12	25°19	10° 9	2°51	3° 5	3°10	18° 3	16°59	15°12	10° 5	S 19
M20	1 52 53	26°23'52	25°33	10°D29	12°24	22°19	25°11	10°10	2°53	3° 5	3°12	18°D 2	16°55	15°19	10° 3	M20
T 21	1 56 50	27°23'39	9♒15	10°40	13°30	22°25	25° 3	10°10	2°55	3° 5	3°15	18° 2	16°52	15°25	10° 0	T 21
W22	2 0 47	28°23'29	22°41	11° 1	14°35	22°30	24°55	10°10	2°57	3° 4	3°17	18°R 2	16°49	15°32	9°58	W22
T 23	2 4 43	29°23'20	5♓52	11°31	15°41	22°34	24°47	10°R10	2°59	3° 4	3°19	18° 1	16°46	15°39	9°56	T 23
F 24	2 8 40	0♏23'12	18°50	12°11	16°46	22°38	24°39	10°10	3° 1	3° 3	3°22	17°57	16°43	15°46	9°53	F 24
S 25	2 12 36	1°23'07	1♈37	12°59	17°51	22°41	24°31	10°10	3° 3	3° 2	3°24	17°51	16°40	15°52	9°51	S 25
S 26	2 16 33	2°23'03	14°13	13°55	18°55	22°42	24°23	10° 9	3° 5	3° 2	3°27	17°41	16°36	15°59	9°48	S 26
M27	2 20 29	3°23'01	26°39	14°57	20° 0	22°43	24°15	10° 9	3° 7	3° 1	3°29	17°29	16°33	16° 6	9°46	M27
T 28	2 24 26	4°23'01	8♉56	16° 4	21° 4	22°R44	24° 7	10° 8	3°10	3° 0	3°32	17°16	16°30	16°12	9°43	T 28
W29	2 28 22	5°23'03	21° 4	17°17	22° 8	22°43	23°59	10° 8	3°12	3° 0	3°34	17° 2	16°27	16°19	9°40	W29
T 30	2 32 19	6°23'07	3♊ 5	18°34	23°12	22°41	23°51	10° 7	3°14	2°59	3°36	16°48	16°24	16°26	9°37	T 30
F 31	2 36 16	7♏23'13	14♊59	19♎54	24♐15	22♊39	23♈44	10♋ 6	3♑17	2♋58	3♏39	16♌37	16♌20	16♊33	9♊35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	3s 0	10n49	5s 5	13s13	3s34	19s54	1s55	22n22	0s35	9n12	1s34	22n20	0s47	23s45	0s18	22n20	1s 6	2n43	16n 0	15n 1	15n29	17n48	17n28	4s39	W 1
T 2	3 24	14 2	5 5	13 0	3 30	20 15	1 58	22 25	0 33	9 9	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 42	16 0	15 3	15 30	17 49	17 27	4 39	T 2
F 3	3 47	16 39	4 53	12 43	3 24	20 37	2 2	22 29	0 32	9 6	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 41	16 0	15 6	15 31	17 50	17 27	4 40	F 3
S 4	4 10	18 32	4 28	12 21	3 16	20 57	2 6	22 32	0 30	9 4	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 40	16 0	15 7	15 32	17 51	17 26	4 40	S 4
S 5	4 34	19 37	3 51	11 54	3 6	21 17	2 9	22 35	0 28	9 1	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 39	15 59	15 8	15 33	17 52	17 25	4 40	S 5
M 6	4 57	19 51	3 4	11 23	2 55	21 37	2 13	22 38	0 26	8 58	1 34	22 20	0 47	23 45	0 18	22 20	1 6	2 38	15 59	15 8	15 34	17 53	17 25	4 41	M 6
T 7	5 20	19 10	2 9	10 48	2 42	21 56	2 16	22 41	0 24	8 55	1 34	22 19	0 47	23 45	0 18	22 20	1 6	2 38	15 59	15 8	15 35	17 55	17 24	4 41	T 7
W 8	5 43	17 34	1 6	10 9	2 26	22 15	2 20	22 44	0 22	8 52	1 34	22 19	0 47	23 45	0 18	22 20	1 6	2 37	15 59	15 8	15 35	17 56	17 24	4 42	W 8
T 9	6 6	15 5	0n 1	9 27	2 10	22 33	2 23	22 47	0 20	8 50	1 34	22 19	0 47	23 45	0 18	22 20	1 6	2 36	15 59	15 8	15 36	17 57	17 23	4 42	T 9
F 10	6 29	11 46	1 10	8 42	1 51	22 50	2 27	22 50	0 18	8 47	1 34	22 19	0 47	23 45	0 18	22 20	1 6	2 35	15 58	15 8	15 37	17 58	17 22	4 42	F 10
S 11	6 52	7 46	2 17	7 57	1 32	23 7	2 30	22 53	0 16	8 44	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 34	15 58	15 9	15 38	17 59	17 22	4 43	S 11
S 12	7 14	3 14	3 18	7 11	1 12	23 24	2 33	22 56	0 14	8 41	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 33	15 58	15 10	15 39	18 0	17 21	4 43	S 12
M13	7 37	1s37	4 9	6 26	0 51	23 40	2 36	22 59	0 12	8 38	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 32	15 58	15 13	15 40	18 2	17 20	4 44	M13
T 14	7 59	6 28	4 45	5 43	0 30	23 55	2 40	23 2	0 10	8 35	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 31	15 58	15 16	15 41	18 3	17 20	4 44	T 14
W15	8 22	10 59	5 2	5 4	0 10	24 10	2 43	23 5	0 7	8 32	1 34	22 19	0 47	23 44	0 18	22 20	1 6	2 30	15 58	15 19	15 42	18 4	17 19	4 44	W15
T 16	8 44	14 52	4 59	4 28	0n 9	24 24	2 46	23 8	0 5	8 29	1 34	22 19	0 46	23 44	0 18	22 20	1 6	2 29	15 58	15 22	15 43	18 5	17 19	4 45	T 16
F 17	9 6	17 47	4 36	3 58	0 28	24 37	2 49	23 11	0 3	8 27	1 34	22 19	0 46	23 44	0 18	22 20	1 6	2 28	15 57	15 24	15 44	18 6	17 18	4 45	F 17
S 18	9 28	19 31	3 56	3 33	0 45	24 50	2 51	23 13	0 1	8 24	1 34	22 19	0 46	23 44	0 18	22 20	1 6	2 28	15 57	15 26	15 45	18 7	17 17	4 46	S 18
S 19	9 50	19 58	3 1	3 14	1 0	25 2	2 54	23 16	0n 2	8 21	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 27	15 57	15 27	15 46	18 8	17 17	4 46	S 19
M20	10 12	19 9	1 57	3 1	1 14	25 14	2 57	23 19	0 4	8 18	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 26	15 57	15 27	15 47	18 9	17 16	4 46	M20
T 21	10 34	17 13	0 47	2 54	1 27	25 25	3 0	23 22	0 7	8 15	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 25	15 57	15 27	15 48	18 11	17 15	4 47	T 21
W22	10 55	14 22	0s25	2 52	1 37	25 36	3 2	23 24	0 9	8 12	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 24	15 57	15 27	15 49	18 12	17 15	4 47	W22
T 23	11 16	10 49	1 33	2 56	1 46	25 45	3 4	23 27	0 11	8 9	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 23	15 57	15 27	15 50	18 13	17 14	4 47	T 23
F 24	11 37	6 48	2 36	3 5	1 54	25 55	3 7	23 30	0 14	8 6	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 22	15 57	15 28	15 51	18 14	17 13	4 48	F 24
S 25	11 58	2 33	3 29	3 18	1 59	26 3	3 9	23 33	0 17	8 3	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 22	15 57	15 30	15 52	18 15	17 12	4 48	S 25
S 26	12 19	1n45	4 11	3 35	2 4	26 11	3 11	23 35	0 19	8 1	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 21	15 57	15 33	15 53	18 16	17 12	4 48	S 26
M27	12 40	5 55	4 41	3 56	2 7	26 18	3 13	23 38	0 22	7 58	1 34	22 19	0 46	23 44	0 18	22 20	1 7	2 20	15 57	15 37	15 54	18 17	17 11	4 49	M27
T 28	13 0	9 48	4 57	4 21	2 9	26 25	3 15	23 41	0 24	7 55	1 33	22 19	0 46	23 44	0 18	22 20	1 7	2 19	15 57	15 41	15 55	18 18	17 10	4 49	T 28
W29	13 20	13 14	4 59	4 48	2 10	26 31	3 17	23 43	0 27	7 52	1 33	22 19	0 46	23 44	0 18	22 19	1 7	2 18	15 57	15 45	15 56	18 20	17 10	4 49	W29
T 30	13 40	16 5	4 48	5 17	2 10	26 36	3 19	23 46	0 30	7 50	1 33	22 19	0 46	23 44	0 18	22 19	1 7	2 18	15 57	15 49	15 57	18 21	17 9	4 50	T 30
F 31	14s 0	18n14	4s25	5s48	2n 9	26s41	3s20	23n49	0n33	7n47	1s33	22n19	0s46	23s44	0s18	22n19	1s 7	2n17	15n57	15n53	15n58	18n22	17n 8	4s50	F 31

Julian Day Number = 2356124.5, Delta T = 12.95 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'35, Lahiri = 20°12'35Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

NOVEMBER 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 12	8♏23'21	26♊49	21♎18	25♐18	22°R36	23°R36	10°R 5	3♑19	2°R57	3♏41	16°R28	16♌17	16♊39	9°R32	S 1
S 2	2 44 9	9°23'30	8♋38	22°44	26°21	22♊31	23♈28	10♋ 4	3°21	2♋56	3°44	16♌22	16°14	16°46	9♊29	S 2
M 3	2 48 5	10°23'42	20°30	24°12	27°23	22°26	23°21	10° 3	3°24	2°56	3°46	16°18	16°11	16°53	9°26	M 3
T 4	2 52 2	11°23'56	2♌30	25°42	28°26	22°20	23°14	10° 2	3°26	2°55	3°49	16°17	16° 8	16°59	9°23	T 4
W 5	2 55 58	12°24'12	14°43	27°14	29°28	22°13	23° 6	10° 0	3°29	2°54	3°51	16°17	16° 5	17° 6	9°20	W 5
T 6	2 59 55	13°24'30	27°15	28°46	0♑29	22° 6	22°59	9°59	3°31	2°53	3°53	16°16	16° 1	17°13	9°17	T 6
F 7	3 3 51	14°24'50	10♍10	0♏20	1°31	21°57	22°52	9°57	3°34	2°52	3°56	16°15	15°58	17°19	9°14	F 7
S 8	3 7 48	15°25'12	23°33	1°54	2°32	21°48	22°45	9°55	3°37	2°51	3°58	16°11	15°55	17°26	9°11	S 8
S 9	3 11 45	16°25'36	7♎26	3°29	3°32	21°37	22°38	9°53	3°39	2°50	4° 1	16° 5	15°52	17°33	9° 7	S 9
M10	3 15 41	17°26'02	21°48	5° 4	4°32	21°26	22°32	9°51	3°42	2°49	4° 3	15°56	15°49	17°40	9° 4	M10
T 11	3 19 38	18°26'29	6♏35	6°40	5°32	21°14	22°25	9°49	3°45	2°48	4° 5	15°45	15°46	17°46	9° 1	T 11
W12	3 23 34	19°26'58	21°40	8°15	6°32	21° 1	22°19	9°47	3°48	2°47	4° 8	15°33	15°42	17°53	8°58	W12
T 13	3 27 31	20°27'29	6♐52	9°51	7°31	20°47	22°12	9°45	3°51	2°45	4°10	15°22	15°39	18° 0	8°54	T 13
F 14	3 31 27	21°28'02	22° 0	11°27	8°29	20°32	22° 6	9°43	3°53	2°44	4°12	15°12	15°36	18° 6	8°51	F 14
S 15	3 35 24	22°28'36	6♑55	13° 3	9°27	20°17	22° 0	9°40	3°56	2°43	4°15	15° 5	15°33	18°13	8°48	S 15
S 16	3 39 20	23°29'11	21°30	14°38	10°25	20° 1	21°54	9°37	3°59	2°42	4°17	15° 1	15°30	18°20	8°44	S 16
M17	3 43 17	24°29'47	5♒41	16°14	11°22	19°44	21°49	9°35	4° 2	2°41	4°19	15° 0	15°26	18°26	8°41	M17
T 18	3 47 14	25°30'25	19°27	17°50	12°19	19°27	21°43	9°32	4° 5	2°39	4°22	15° 0	15°23	18°33	8°37	T 18
W19	3 51 10	26°31'03	2♓50	19°25	13°15	19° 8	21°38	9°29	4° 8	2°38	4°24	14°59	15°20	18°40	8°34	W19
T 20	3 55 7	27°31'43	15°53	21° 0	14°11	18°50	21°33	9°26	4°11	2°37	4°26	14°58	15°17	18°47	8°30	T 20
F 21	3 59 3	28°32'23	28°39	22°36	15° 6	18°30	21°28	9°23	4°14	2°35	4°29	14°55	15°14	18°53	8°27	F 21
S 22	4 3 0	29°33'05	11♈12	24°11	16° 0	18°10	21°23	9°20	4°17	2°34	4°31	14°48	15°11	19° 0	8°23	S 22
S 23	4 6 56	0♐33'48	23°33	25°46	16°54	17°50	21°18	9°17	4°20	2°33	4°33	14°39	15° 7	19° 7	8°20	S 23
M24	4 10 53	1°34'32	5♉46	27°21	17°47	17°29	21°14	9°13	4°24	2°31	4°35	14°27	15° 4	19°13	8°16	M24
T 25	4 14 49	2°35'18	17°51	28°55	18°39	17° 7	21° 9	9°10	4°27	2°30	4°38	14°14	15° 1	19°20	8°13	T 25
W26	4 18 46	3°36'04	29°51	0♐30	19°31	16°46	21° 5	9° 7	4°30	2°28	4°40	14° 0	14°58	19°27	8° 9	W26
T 27	4 22 43	4°36'52	11♊45	2° 4	20°22	16°23	21° 1	9° 3	4°33	2°27	4°42	13°47	14°55	19°33	8° 5	T 27
F 28	4 26 39	5°37'41	23°37	3°39	21°12	16° 1	20°58	8°59	4°36	2°26	4°44	13°36	14°52	19°40	8° 2	F 28
S 29	4 30 36	6°38'31	5♋26	5°13	22° 1	15°38	20°54	8°56	4°40	2°24	4°46	13°27	14°48	19°47	7°58	S 29
S 30	4 34 32	7♐39'23	17♋16	6♐47	22♑50	15♊15	20♈51	8♋52	4♑43	2♋23	4♏48	13♌20	14♌45	19♊54	7♊55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	14s19	19n36	3s50	6s21	2n 7	26s45	3s22	23n51	0n35	7n44	1s33	22n19	0s46	23s43	0s18	22n19	1s 7	2n16	15n57	15n55	15n59	18n23	17n 7	4s50	S 1
S 2	14 38	20 7	3 5	6 56	2 5	26 48	3 23	23 54	0 38	7 42	1 33	22 19	0 46	23 43	0 18	22 19	1 7	2 15	15 57	15 57	16 0	18 24	17 7	4 51	S 2
M 3	14 57	19 44	2 12	7 31	2 1	26 51	3 24	23 56	0 41	7 39	1 33	22 19	0 46	23 43	0 18	22 19	1 7	2 15	15 57	15 58	16 0	18 25	17 6	4 51	M 3
T 4	15 16	18 27	1 12	8 7	1 58	26 53	3 25	23 59	0 44	7 36	1 32	22 19	0 46	23 43	0 18	22 19	1 7	2 14	15 57	15 59	16 1	18 26	17 5	4 51	T 4
W 5	15 35	16 19	0 8	8 44	1 53	26 54	3 26	24 1	0 47	7 34	1 32	22 20	0 46	23 43	0 18	22 19	1 7	2 13	15 57	15 59	16 2	18 27	17 5	4 51	W 5
T 6	15 53	13 21	0n58	9 21	1 49	26 55	3 27	24 4	0 50	7 31	1 32	22 20	0 46	23 43	0 18	22 19	1 7	2 12	15 57	15 59	16 3	18 28	17 4	4 52	T 6
F 7	16 11	9 40	2 3	9 59	1 44	26 55	3 28	24 6	0 53	7 29	1 32	22 20	0 46	23 43	0 18	22 19	1 7	2 12	15 57	15 59	16 4	18 29	17 3	4 52	F 7
S 8	16 29	5 22	3 3	10 37	1 38	26 55	3 28	24 9	0 56	7 27	1 32	22 20	0 46	23 43	0 18	22 19	1 7	2 11	15 57	16 0	16 5	18 30	17 2	4 52	S 8
S 9	16 46	0 39	3 55	11 14	1 33	26 54	3 28	24 11	0 59	7 24	1 31	22 20	0 46	23 43	0 18	22 19	1 7	2 10	15 57	16 2	16 6	18 31	17 2	4 53	S 9
M10	17 3	4s16	4 34	11 52	1 27	26 52	3 29	24 13	1 2	7 22	1 31	22 20	0 46	23 43	0 18	22 19	1 7	2 10	15 57	16 5	16 7	18 33	17 1	4 53	M10
T 11	17 20	9 4	4 56	12 29	1 21	26 50	3 29	24 15	1 5	7 20	1 31	22 21	0 46	23 43	0 18	22 19	1 7	2 9	15 57	16 8	16 8	18 34	17 0	4 53	T 11
W12	17 37	13 24	4 59	13 6	1 14	26 47	3 28	24 17	1 8	7 17	1 31	22 21	0 46	23 43	0 18	22 19	1 7	2 8	15 57	16 12	16 9	18 35	16 59	4 53	W12
T 13	17 53	16 53	4 40	13 43	1 8	26 43	3 28	24 20	1 11	7 15	1 31	22 21	0 46	23 43	0 18	22 19	1 7	2 8	15 58	16 15	16 10	18 36	16 59	4 54	T 13
F 14	18 9	19 13	4 1	14 19	1 1	26 39	3 28	24 22	1 14	7 13	1 30	22 21	0 46	23 42	0 18	22 19	1 7	2 7	15 58	16 18	16 11	18 37	16 58	4 54	F 14
S 15	18 25	20 11	3 7	14 54	0 55	26 34	3 27	24 23	1 17	7 11	1 30	22 21	0 46	23 42	0 18	22 20	1 7	2 6	15 58	16 20	16 12	18 38	16 57	4 54	S 15
S 16	18 40	19 46	2 1	15 29	0 48	26 29	3 26	24 25	1 20	7 9	1 30	22 22	0 46	23 42	0 18	22 20	1 7	2 6	15 58	16 21	16 13	18 39	16 57	4 54	S 16
M17	18 55	18 5	0 49	16 4	0 41	26 23	3 25	24 27	1 23	7 7	1 30	22 22	0 46	23 42	0 18	22 20	1 7	2 5	15 58	16 22	16 14	18 40	16 56	4 54	M17
T 18	19 10	15 23	0s24	16 37	0 34	26 17	3 24	24 29	1 26	7 6	1 29	22 22	0 46	23 42	0 18	22 20	1 7	2 5	15 58	16 22	16 15	18 41	16 55	4 55	T 18
W19	19 24	11 55	1 33	17 10	0 27	26 10	3 22	24 30	1 29	7 4	1 29	22 22	0 46	23 42	0 18	22 20	1 7	2 4	15 58	16 22	16 16	18 42	16 54	4 55	W19
T 20	19 38	7 58	2 36	17 42	0 20	26 3	3 21	24 32	1 32	7 2	1 29	22 23	0 46	23 42	0 18	22 20	1 7	2 4	15 59	16 22	16 16	18 43	16 54	4 55	T 20
F 21	19 52	3 44	3 29	18 14	0 14	25 55	3 19	24 33	1 35	7 1	1 29	22 23	0 46	23 42	0 18	22 20	1 7	2 3	15 59	16 23	16 17	18 44	16 53	4 55	F 21
S 22	20 5	0n35	4 11	18 44	0 7	25 46	3 17	24 34	1 38	6 59	1 28	22 23	0 46	23 42	0 18	22 20	1 7	2 2	15 59	16 25	16 18	18 45	16 52	4 55	S 22
S 23	20 18	4 48	4 41	19 14	0s 0	25 37	3 15	24 35	1 41	6 57	1 28	22 23	0 46	23 42	0 18	22 20	1 7	2 2	15 59	16 28	16 19	18 46	16 52	4 56	S 23
M24	20 30	8 47	4 58	19 42	0 7	25 28	3 12	24 36	1 44	6 56	1 28	22 24	0 46	23 42	0 18	22 20	1 7	2 1	15 59	16 31	16 20	18 47	16 51	4 56	M24
T 25	20 42	12 22	5 0	20 10	0 14	25 18	3 10	24 37	1 46	6 55	1 28	22 24	0 45	23 41	0 18	22 20	1 7	2 1	16 0	16 35	16 21	18 48	16 50	4 56	T 25
W26	20 54	15 25	4 50	20 37	0 20	25 8	3 7	24 37	1 49	6 53	1 27	22 24	0 45	23 41	0 18	22 20	1 7	2 0	16 0	16 39	16 22	18 49	16 49	4 56	W26
T 27	21 5	17 49	4 27	21 2	0 27	24 57	3 3	24 38	1 52	6 52	1 27	22 24	0 45	23 41	0 18	22 20	1 7	2 0	16 0	16 43	16 23	18 50	16 49	4 56	T 27
F 28	21 16	19 28	3 52	21 27	0 33	24 46	3 0	24 38	1 55	6 51	1 27	22 25	0 45	23 41	0 18	22 20	1 7	2 0	16 0	16 46	16 24	18 51	16 48	4 56	F 28
S 29	21 27	20 15	3 7	21 51	0 39	24 34	2 56	24 38	1 57	6 50	1 26	22 25	0 45	23 41	0 18	22 20	1 7	1 59	16 1	16 49	16 25	18 52	16 47	4 56	S 29
S 30	21s37	20n 8	2s14	22s13	0s46	24s22	2s52	24n39	2n 0	6n49	1s26	22n25	0s45	23s41	0s18	22n20	1s 7	1n59	16n 1	16n50	16n26	18n53	16n47	4s57	S 30

Julian Day Number = 2356155.5, Delta T = 12.97 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'39, Lahiri = 20°12'40Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1738
geocentric

DECEMBER 1738 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 38 29	8♐40'15	29♋10	8♐22	23♑38	14°R52	20°R48	8°R48	4♑46	2°R21	4♏51	13°R17	14♌42	20♊ 0	7°R51	M 1
T 2	4 42 25	9°41'09	11♌10	9°56	24°24	14♊29	20♈45	8♋44	4°50	2♋19	4°53	13°D16	14°39	20° 7	7♊47	T 2
W 3	4 46 22	10°42'05	23°22	11°30	25°10	14° 6	20°42	8°40	4°53	2°18	4°55	13♌16	14°36	20°14	7°44	W 3
T 4	4 50 18	11°43'01	5♍50	13° 4	25°55	13°42	20°39	8°36	4°56	2°16	4°57	13°R17	14°32	20°20	7°40	T 4
F 5	4 54 15	12°43'59	18°40	14°39	26°39	13°19	20°37	8°32	5° 0	2°15	4°59	13°17	14°29	20°27	7°37	F 5
S 6	4 58 12	13°44'58	1♎55	16°13	27°22	12°56	20°35	8°28	5° 3	2°13	5° 1	13°15	14°26	20°34	7°33	S 6
S 7	5 2 8	14°45'58	15°39	17°47	28° 4	12°33	20°33	8°23	5° 6	2°12	5° 3	13°11	14°23	20°40	7°29	S 7
M 8	5 6 5	15°46'59	29°53	19°22	28°44	12°10	20°31	8°19	5°10	2°10	5° 5	13° 5	14°20	20°47	7°26	M 8
T 9	5 10 1	16°48'01	14♍35	20°56	29°24	11°47	20°30	8°15	5°13	2° 8	5° 7	12°57	14°17	20°54	7°22	T 9
W10	5 13 58	17°49'05	29°40	22°31	0♒ 2	11°25	20°28	8°10	5°17	2° 7	5° 9	12°48	14°13	21° 1	7°19	W10
T 11	5 17 54	18°50'09	14♐57	24° 5	0°39	11° 3	20°27	8° 6	5°20	2° 5	5°11	12°39	14°10	21° 7	7°15	T 11
F 12	5 21 51	19°51'14	0♑16	25°40	1°14	10°41	20°26	8° 1	5°24	2° 3	5°13	12°32	14° 7	21°14	7°12	F 12
S 13	5 25 47	20°52'20	15°26	27°15	1°49	10°20	20°26	7°56	5°27	2° 2	5°14	12°27	14° 4	21°21	7° 8	S 13
S 14	5 29 44	21°53'26	0♒18	28°50	2°21	10° 0	20°25	7°52	5°31	2° 0	5°16	12°24	14° 1	21°27	7° 5	S 14
M15	5 33 41	22°54'32	14°44	0♑25	2°53	9°39	20°25	7°47	5°34	1°58	5°18	12°D24	13°58	21°34	7° 1	M15
T 16	5 37 37	23°55'39	28°43	2° 0	3°22	9°20	20°D25	7°42	5°38	1°57	5°20	12°24	13°54	21°41	6°58	T 16
W17	5 41 34	24°56'46	12♓15	3°36	3°50	9° 1	20°25	7°38	5°41	1°55	5°22	12°26	13°51	21°47	6°54	W17
T 18	5 45 30	25°57'53	25°22	5°11	4°16	8°42	20°25	7°33	5°45	1°53	5°23	12°R26	13°48	21°54	6°51	T 18
F 19	5 49 27	26°59'00	8♈ 7	6°47	4°41	8°24	20°26	7°28	5°49	1°52	5°25	12°25	13°45	22° 1	6°48	F 19
S 20	5 53 23	28° 0'08	20°34	8°22	5° 4	8° 7	20°27	7°23	5°52	1°50	5°27	12°23	13°42	22° 7	6°44	S 20
S 21	5 57 20	29° 1'16	2♉48	9°58	5°24	7°51	20°28	7°18	5°56	1°48	5°28	12°18	13°38	22°14	6°41	S 21
M22	6 1 16	0♑ 2'23	14°53	11°33	5°43	7°35	20°29	7°13	5°59	1°47	5°30	12°12	13°35	22°21	6°38	M22
T 23	6 5 13	1° 3'31	26°50	13° 8	6° 0	7°20	20°30	7° 8	6° 3	1°45	5°32	12° 4	13°32	22°28	6°35	T 23
W24	6 9 10	2° 4'39	8♊43	14°44	6°14	7° 6	20°32	7° 4	6° 6	1°43	5°33	11°56	13°29	22°34	6°32	W24
T 25	6 13 6	3° 5'47	20°34	16°19	6°27	6°52	20°34	6°59	6°10	1°42	5°35	11°48	13°26	22°41	6°28	T 25
F 26	6 17 3	4° 6'56	2♋25	17°54	6°37	6°40	20°36	6°54	6°14	1°40	5°36	11°41	13°23	22°48	6°25	F 26
S 27	6 20 59	5° 8'04	14°17	19°28	6°45	6°28	20°38	6°49	6°17	1°38	5°38	11°36	13°19	22°54	6°22	S 27
S 28	6 24 56	6° 9'13	26°12	21° 2	6°50	6°17	20°40	6°44	6°21	1°36	5°39	11°33	13°16	23° 1	6°19	S 28
M29	6 28 52	7°10'22	8♌13	22°35	6°54	6° 6	20°43	6°39	6°24	1°35	5°41	11°D32	13°13	23° 8	6°16	M29
T 30	6 32 49	8°11'31	20°21	24° 7	6°R54	5°57	20°46	6°34	6°28	1°33	5°42	11°32	13°10	23°14	6°13	T 30
W31	6 36 46	9♑12'40	2♍39	25♑38	6♒53	5♊48	20♈49	6♋29	6♑32	1♋31	5♏43	11♌33	13♌ 7	23♊21	6♊11	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	21 s47	19n 8	1 s15	22 s35	0 s52	24 s10	2 s48	24n39	2n 3	6n48	1 s26	22n26	0 s45	23 s41	0 s18	22n20	1 s 7	1n58	16n 1	16n51	16n27	18n54	16n46	4 s57
T 2	21 56	17 16	0 11	22 55	0 58	23 57	2 44	24 38	2 5	6 47	1 26	22 26	0 45	23 41	0 18	22 20	1 7	1 58	16 1	16 52	16 28	18 55	16 45	4 57
W 3	22 5	14 36	0n54	23 14	1 4	23 44	2 39	24 38	2 8	6 46	1 25	22 26	0 45	23 40	0 18	22 20	1 7	1 57	16 2	16 52	16 29	18 56	16 45	4 57
T 4	22 13	11 12	1 58	23 33	1 9	23 31	2 34	24 38	2 10	6 46	1 25	22 27	0 45	23 40	0 18	22 20	1 7	1 57	16 2	16 51	16 30	18 57	16 44	4 57
F 5	22 21	7 13	2 58	23 49	1 15	23 17	2 29	24 37	2 12	6 45	1 25	22 27	0 45	23 40	0 18	22 20	1 7	1 57	16 2	16 51	16 30	18 58	16 43	4 57
S 6	22 29	2 45	3 50	24 5	1 20	23 3	2 23	24 36	2 15	6 45	1 24	22 27	0 45	23 40	0 18	22 20	1 7	1 56	16 3	16 52	16 31	18 59	16 43	4 57
S 7	22 36	2 s 0	4 31	24 19	1 25	22 49	2 17	24 35	2 17	6 44	1 24	22 28	0 45	23 40	0 18	22 20	1 7	1 56	16 3	16 53	16 32	19 0	16 42	4 57
M 8	22 43	6 48	4 58	24 32	1 30	22 35	2 11	24 34	2 19	6 44	1 24	22 28	0 45	23 40	0 18	22 20	1 7	1 56	16 3	16 55	16 33	19 1	16 42	4 57
T 9	22 49	11 22	5 5	24 44	1 35	22 20	2 5	24 33	2 21	6 44	1 23	22 28	0 45	23 40	0 18	22 20	1 7	1 55	16 3	16 57	16 34	19 2	16 41	4 57
W10	22 55	15 20	4 53	24 55	1 39	22 6	1 58	24 32	2 23	6 43	1 23	22 29	0 45	23 40	0 18	22 20	1 7	1 55	16 4	16 59	16 35	19 3	16 40	4 57
T 11	23 0	18 20	4 19	25 4	1 44	21 51	1 51	24 31	2 25	6 43	1 23	22 29	0 44	23 39	0 18	22 20	1 7	1 55	16 4	17 2	16 36	19 4	16 40	4 57
F 12	23 5	20 2	3 26	25 12	1 48	21 35	1 43	24 30	2 26	6 43	1 23	22 29	0 44	23 39	0 18	22 20	1 7	1 55	16 4	17 4	16 37	19 5	16 39	4 57
S 13	23 9	20 16	2 20	25 18	1 51	21 20	1 36	24 28	2 28	6 43	1 22	22 30	0 44	23 39	0 18	22 20	1 7	1 54	16 5	17 5	16 38	19 6	16 39	4 57
S 14	23 13	19 4	1 5	25 23	1 55	21 5	1 28	24 27	2 30	6 43	1 22	22 30	0 44	23 39	0 18	22 20	1 7	1 54	16 5	17 6	16 39	19 7	16 38	4 57
M15	23 17	16 38	0 s13	25 26	1 58	20 49	1 19	24 25	2 31	6 44	1 22	22 30	0 44	23 39	0 18	22 20	1 7	1 54	16 6	17 6	16 40	19 8	16 37	4 57
T 16	23 20	13 18	1 27	25 28	2 1	20 34	1 10	24 24	2 33	6 44	1 21	22 31	0 44	23 39	0 18	22 20	1 7	1 54	16 6	17 6	16 41	19 9	16 37	4 57
W17	23 22	9 21	2 34	25 29	2 4	20 19	1 1	24 22	2 34	6 44	1 21	22 31	0 44	23 39	0 18	22 20	1 7	1 53	16 6	17 6	16 41	19 10	16 36	4 57
T 18	23 25	5 4	3 31	25 28	2 6	20 3	0 52	24 20	2 35	6 45	1 21	22 32	0 44	23 38	0 18	22 20	1 7	1 53	16 7	17 6	16 42	19 11	16 36	4 57
F 19	23 26	0 42	4 16	25 26	2 8	19 48	0 42	24 19	2 37	6 45	1 20	22 32	0 44	23 38	0 18	22 20	1 7	1 53	16 7	17 6	16 43	19 12	16 35	4 57
S 20	23 27	3n37	4 47	25 22	2 9	19 32	0 31	24 17	2 38	6 46	1 20	22 32	0 44	23 38	0 18	22 20	1 7	1 53	16 7	17 7	16 44	19 13	16 35	4 57
S 21	23 28	7 41	5 5	25 16	2 10	19 17	0 21	24 15	2 39	6 46	1 20	22 33	0 44	23 38	0 18	22 20	1 7	1 53	16 8	17 8	16 45	19 13	16 34	4 57
M22	23 28	11 24	5 9	25 9	2 11	19 1	0 10	24 14	2 40	6 47	1 19	22 33	0 44	23 38	0 18	22 20	1 7	1 53	16 8	17 10	16 46	19 14	16 34	4 57
T 23	23 28	14 37	4 59	25 0	2 11	18 46	0n 2	24 12	2 41	6 48	1 19	22 33	0 43	23 38	0 18	22 20	1 7	1 53	16 9	17 12	16 47	19 15	16 33	4 57
W24	23 27	17 14	4 36	24 50	2 11	18 31	0 14	24 11	2 42	6 49	1 19	22 34	0 43	23 38	0 18	22 20	1 7	1 52	16 9	17 14	16 48	19 16	16 33	4 57
T 25	23 26	19 7	4 2	24 38	2 10	18 16	0 26	24 9	2 42	6 50	1 18	22 34	0 43	23 37	0 18	22 20	1 7	1 52	16 10	17 16	16 49	19 17	16 32	4 57
F 26	23 24	20 10	3 17	24 24	2 9	18 2	0 38	24 8	2 43	6 51	1 18	22 34	0 43	23 37	0 18	22 20	1 7	1 52	16 10	17 18	16 50	19 18	16 32	4 57
S 27	23 22	20 20	2 23	24 9	2 7	17 47	0 51	24 6	2 44	6 52	1 18	22 35	0 43	23 37	0 18	22 20	1 7	1 52	16 10	17 20	16 51	19 19	16 32	4 57
S 28	23 20	19 35	1 23	23 53	2 5	17 33	1 4	24 5	2 44	6 53	1 18	22 35	0 43	23 37	0 18	22 20	1 7	1 52	16 11	17 20	16 52	19 20	16 31	4 57
M29	23 17	17 57	0 18	23 35	2 2	17 19	1 18	24 4	2 45	6 54	1 17	22 35	0 43	23 37	0 18	22 21	1 7	1 52	16 11	17 21	16 52	19 21	16 31	4 57
T 30	23 13	15 29	0n48	23 15	1 58	17 5	1 32	24 2	2 45	6 56	1 17	22 36	0 43	23 37	0 18	22 21	1 7	1 52	16 12	17 21	16 53	19 22	16 30	4 57
W31	23 s 9	12n18	1n53	22 s55	1 s54	16 s52	1n46	24n 1	2n46	6n57	1 s17	22n36	0 s43	23 s36	0 s18	22n21	1 s 7	1n52	16n12	17n20	16n54	19n23	16n30	4 s56

Julian Day Number = 2356185.5, Delta T = 12.99 sec
Ecliptic obliquity = 23°28'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°05'43, Lahiri = 20°12'44Greg. Calendar