Astrodienst Ephemeris Tables

for the year 2037

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 2037
geocentric

JANUARY 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 57	10♑54'01	25♊55	25°R27	21♐44	7♐48	18°R39	2°R34	17°R52	24°R 4	19♒46	8°R11	9♌24	28♒50	14°R48	T 1
F 2	6 47 54	11°55'09	10♋27	25♐ 3	22°59	8°30	18♊32	2♍31	17♋49	24♈ 4	19°48	8♌ 8	9°21	28°57	14♊45	F 2
S 3	6 51 50	12°56'17	25°11	24°49	24°14	9°12	18°25	2°29	17°46	24° 4	19°49	8° 6	9°17	29° 4	14°42	S 3
S 4	6 55 47	13°57'25	10♌ 2	24°D45	25°30	9°54	18°18	2°27	17°44	24°D 4	19°51	8°D 6	9°14	29°10	14°39	S 4
M 5	6 59 44	14°58'33	24°50	24°50	26°45	10°36	18°12	2°25	17°41	24° 4	19°52	8° 6	9°11	29°17	14°36	M 5
T 6	7 3 40	15°59'41	9♍30	25° 3	28° 0	11°18	18° 5	2°22	17°39	24° 4	19°54	8° 8	9° 8	29°24	14°33	T 6
W 7	7 7 37	17° 0'50	23°56	25°24	29°15	12° 0	17°59	2°19	17°36	24° 4	19°55	8° 9	9° 5	29°30	14°30	W 7
T 8	7 11 33	18° 1'58	8♎ 6	25°51	0♑30	12°42	17°53	2°17	17°33	24° 4	19°57	8°10	9° 2	29°37	14°27	T 8
F 9	7 15 30	19° 3'07	21°59	26°25	1°46	13°24	17°47	2°14	17°31	24° 4	19°58	8°R10	8°58	29°44	14°24	F 9
S 10	7 19 26	20° 4'15	5♏33	27° 5	3° 1	14° 6	17°41	2°11	17°28	24° 4	20° 0	8°10	8°55	29°50	14°22	S 10
S 11	7 23 23	21° 5'24	18°50	27°50	4°16	14°48	17°35	2° 8	17°26	24° 5	20° 1	8° 8	8°52	29°57	14°19	S 11
M12	7 27 19	22° 6'33	1♐52	28°39	5°31	15°30	17°30	2° 5	17°23	24° 5	20° 3	8° 6	8°49	0♓ 4	14°17	M12
T 13	7 31 16	23° 7'42	14°39	29°32	6°47	16°12	17°25	2° 2	17°20	24° 5	20° 5	8° 4	8°46	0°10	14°14	T 13
W14	7 35 13	24° 8'50	27°13	0♑29	8° 2	16°55	17°19	1°59	17°18	24° 6	20° 6	8° 2	8°43	0°17	14°11	W14
T 15	7 39 9	25° 9'58	9♑35	1°29	9°17	17°37	17°14	1°55	17°15	24° 6	20° 8	8° 0	8°39	0°23	14° 9	T 15
F 16	7 43 6	26°11'06	21°46	2°32	10°33	18°19	17° 9	1°52	17°13	24° 6	20°10	7°59	8°36	0°30	14° 7	F 16
S 17	7 47 2	27°12'14	3♒49	3°38	11°48	19° 2	17° 5	1°48	17°10	24° 7	20°11	7°D58	8°33	0°37	14° 4	S 17
S 18	7 50 59	28°13'21	15°44	4°46	13° 3	19°44	17° 0	1°45	17° 8	24° 7	20°13	7°58	8°30	0°43	14° 2	S 18
M19	7 54 55	29°14'27	27°34	5°57	14°18	20°26	16°56	1°41	17° 5	24° 8	20°15	7°59	8°27	0°50	14° 0	M19
T 20	7 58 52	0♒15'32	9♓22	7° 9	15°34	21° 9	16°52	1°38	17° 3	24° 8	20°16	7°59	8°23	0°57	13°58	T 20
W21	8 2 48	1°16'37	21°10	8°23	16°49	21°51	16°48	1°34	17° 0	24° 9	20°18	8° 0	8°20	1° 3	13°56	W21
T 22	8 6 45	2°17'41	3♈ 2	9°38	18° 4	22°34	16°44	1°30	16°58	24°10	20°20	8° 1	8°17	1°10	13°54	T 22
F 23	8 10 42	3°18'44	15° 2	10°55	19°19	23°16	16°41	1°26	16°55	24°10	20°21	8° 2	8°14	1°17	13°52	F 23
S 24	8 14 38	4°19'45	27°14	12°14	20°35	23°59	16°37	1°22	16°53	24°11	20°23	8° 2	8°11	1°23	13°50	S 24
S 25	8 18 35	5°20'46	9♉44	13°33	21°50	24°41	16°34	1°18	16°50	24°12	20°25	8°R 2	8° 8	1°30	13°48	S 25
M26	8 22 31	6°21'46	22°34	14°54	23° 5	25°24	16°31	1°14	16°48	24°12	20°27	8° 2	8° 4	1°37	13°46	M26
T 27	8 26 28	7°22'45	5♊50	16°16	24°20	26° 6	16°28	1°10	16°45	24°13	20°28	8° 2	8° 1	1°43	13°44	T 27
W28	8 30 24	8°23'42	19°32	17°39	25°36	26°49	16°26	1° 5	16°43	24°14	20°30	8°D 2	7°58	1°50	13°43	W28
T 29	8 34 21	9°24'39	3♋42	19° 3	26°51	27°32	16°23	1° 1	16°41	24°15	20°32	8° 2	7°55	1°57	13°41	T 29
F 30	8 38 17	10°25'34	18°17	20°28	28° 6	28°15	16°21	0°57	16°38	24°16	20°34	8° 2	7°52	2° 3	13°40	F 30
S 31	8 42 14	11♒26'29	3♌11	21♑54	29♑21	28♐57	16♊19	0♍52	16♋36	24♈17	20♒35	8°R 2	7♌49	2♓10	13♊38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s59	19n51	3s31	20s12	3n 9	22s36	0n35	21s33	0n 3	22n27	0s29	11n57	1n29	22n41	0n27	7n45	1s43	23s 0	8s34	18n13	17n54	13s29	17n11	5s25
F 2	22 54	20 35	2 26	20 13	3 7	22 43	0 32	21 41	0 2	22 27	0 29	11 58	1 29	22 41	0 27	7 45	1 43	22 59	8 34	18 14	17 55	13 27	17 11	5 25
S 3	22 48	19 56	1 11	20 16	3 4	22 49	0 30	21 48	0 2	22 27	0 29	11 59	1 30	22 42	0 27	7 45	1 42	22 59	8 34	18 14	17 55	13 26	17 11	5 25
S 4	22 42	17 54	0n11	20 21	2 59	22 54	0 27	21 55	0 1	22 26	0 29	12 0	1 30	22 42	0 27	7 45	1 42	22 58	8 34	18 14	17 56	13 24	17 11	5 24
M 5	22 36	14 40	1 31	20 27	2 53	22 59	0 25	22 2	0 0	22 26	0 29	12 1	1 30	22 43	0 27	7 45	1 42	22 58	8 34	18 14	17 57	13 23	17 10	5 24
T 6	22 28	10 33	2 45	20 34	2 47	23 3	0 22	22 8	0s 0	22 25	0 29	12 2	1 30	22 43	0 27	7 45	1 42	22 57	8 34	18 14	17 58	13 21	17 10	5 24
W 7	22 21	5 53	3 47	20 42	2 39	23 6	0 20	22 14	0 1	22 25	0 28	12 3	1 30	22 43	0 27	7 45	1 42	22 57	8 34	18 13	17 59	13 20	17 10	5 24
T 8	22 13	0 59	4 34	20 51	2 31	23 9	0 17	22 21	0 2	22 25	0 28	12 4	1 31	22 44	0 27	7 45	1 42	22 56	8 34	18 13	18 0	13 18	17 10	5 24
F 9	22 5	3s52	5 4	21 0	2 23	23 11	0 14	22 26	0 2	22 24	0 28	12 5	1 31	22 44	0 27	7 45	1 42	22 55	8 34	18 13	18 1	13 17	17 10	5 24
S 10	21 56	8 24	5 16	21 10	2 14	23 12	0 12	22 32	0 3	22 24	0 28	12 7	1 31	22 44	0 27	7 45	1 42	22 55	8 34	18 13	18 1	13 15	17 9	5 24
S 11	21 47	12 26	5 11	21 20	2 5	23 12	0 9	22 38	0 4	22 24	0 28	12 8	1 31	22 45	0 27	7 45	1 42	22 54	8 34	18 14	18 2	13 13	17 9	5 23
M12	21 37	15 48	4 50	21 30	1 55	23 12	0 7	22 43	0 4	22 23	0 27	12 9	1 31	22 45	0 27	7 46	1 42	22 54	8 34	18 14	18 3	13 12	17 9	5 23
T 13	21 27	18 20	4 14	21 40	1 46	23 11	0 4	22 48	0 5	22 23	0 27	12 10	1 32	22 45	0 27	7 46	1 42	22 53	8 34	18 15	18 4	13 10	17 9	5 23
W14	21 17	19 57	3 27	21 49	1 37	23 10	0 2	22 53	0 6	22 23	0 27	12 12	1 32	22 46	0 27	7 46	1 42	22 53	8 33	18 15	18 5	13 9	17 9	5 23
T 15	21 6	20 35	2 31	21 58	1 27	23 7	0s 1	22 58	0 7	22 23	0 27	12 13	1 32	22 46	0 27	7 46	1 42	22 52	8 33	18 16	18 6	13 7	17 9	5 23
F 16	20 54	20 13	1 29	22 7	1 18	23 4	0 3	23 2	0 7	22 22	0 27	12 15	1 32	22 46	0 27	7 46	1 42	22 52	8 33	18 16	18 6	13 5	17 9	5 23
S 17	20 43	18 55	0 23	22 15	1 8	23 0	0 6	23 7	0 8	22 22	0 26	12 16	1 32	22 47	0 27	7 46	1 42	22 51	8 33	18 16	18 7	13 4	17 9	5 22
S 18	20 31	16 48	0s43	22 22	0 59	22 56	0 8	23 11	0 9	22 22	0 26	12 17	1 33	22 47	0 27	7 47	1 42	22 50	8 33	18 16	18 8	13 2	17 9	5 22
M19	20 18	13 59	1 47	22 28	0 50	22 51	0 11	23 15	0 9	22 22	0 26	12 19	1 33	22 47	0 27	7 47	1 42	22 50	8 33	18 16	18 9	13 1	17 9	5 22
T 20	20 5	10 37	2 46	22 34	0 40	22 45	0 13	23 18	0 10	22 21	0 26	12 20	1 33	22 48	0 27	7 47	1 42	22 49	8 33	18 16	18 10	12 59	17 9	5 22
W21	19 52	6 50	3 38	22 39	0 32	22 38	0 16	23 22	0 11	22 21	0 26	12 22	1 33	22 48	0 27	7 47	1 41	22 49	8 33	18 16	18 10	12 57	17 9	5 22
T 22	19 39	2 47	4 21	22 42	0 23	22 31	0 18	23 25	0 12	22 21	0 25	12 24	1 33	22 48	0 27	7 48	1 41	22 48	8 33	18 15	18 11	12 56	17 9	5 21
F 23	19 25	1n25	4 53	22 45	0 14	22 23	0 21	23 28	0 12	22 21	0 25	12 25	1 34	22 49	0 27	7 48	1 41	22 48	8 33	18 15	18 12	12 54	17 9	5 21
S 24	19 10	5 37	5 12	22 47	0 6	22 14	0 23	23 31	0 13	22 21	0 25	12 27	1 34	22 49	0 27	7 48	1 41	22 47	8 33	18 15	18 13	12 53	17 9	5 21
S 25	18 56	9 41	5 18	22 47	0s 3	22 5	0 25	23 33	0 14	22 21	0 25	12 28	1 34	22 49	0 27	7 49	1 41	22 46	8 33	18 15	18 14	12 51	17 9	5 21
M26	18 41	13 26	5 8	22 47	0 11	21 55	0 28	23 36	0 15	22 20	0 25	12 30	1 34	22 49	0 27	7 49	1 41	22 46	8 33	18 15	18 15	12 49	17 9	5 20
T 27	18 25	16 39	4 42	22 45	0 19	21 44	0 30	23 38	0 15	22 20	0 24	12 32	1 34	22 50	0 27	7 49	1 41	22 45	8 33	18 15	18 15	12 48	17 9	5 20
W28	18 10	19 3	3 59	22 42	0 26	21 33	0 32	23 40	0 16	22 20	0 24	12 33	1 34	22 50	0 27	7 50	1 41	22 45	8 33	18 15	18 16	12 46	17 9	5 20
T 29	17 54	20 23	3 0	22 38	0 34	21 21	0 35	23 41	0 17	22 20	0 24	12 35	1 35	22 50	0 27	7 50	1 41	22 44	8 33	18 15	18 17	12 44	17 9	5 20
F 30	17 37	20 24	1 48	22 33	0 41	21 8	0 37	23 43	0 18	22 20	0 24	12 37	1 35	22 51	0 27	7 50	1 41	22 44	8 33	18 15	18 18	12 43	17 9	5 19
S 31	17s21	19n 0	0s27	22s27	0s48	20s55	0s39	23s44	0s18	22n20	0s24	12n38	1n35	22n51	0n27	7n51	1s41	22s43	8s33	18n15	18n19	12s41	17n 9	5s19

Julian Day Number = 2465059.5, Delta T = 71.02 sec
Ecliptic obliquity = 23°25'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'26, Lahiri = 24°22'26

ASTRODIENST EPHEMERIS for the year 2037
geocentric

FEBRUARY 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 11	12♒27'22	18♌18	23♑21	0♒36	29♐40	16°R17	0°R48	16°R34	24♈18	20♒37	8°R 2	7♌45	2♓17	13°R37	S 1
M 2	8 50 7	13°28'14	3♍29	24°49	1°52	0♑23	16♊16	0♍43	16♋31	24°19	20°39	8♌ 2	7°42	2°23	13♊36	M 2
T 3	8 54 4	14°29'05	18°33	26°17	3° 7	1° 6	16°14	0°39	16°29	24°20	20°41	8° 1	7°39	2°30	13°35	T 3
W 4	8 58 0	15°29'56	3♎23	27°47	4°22	1°49	16°13	0°34	16°27	24°21	20°42	8° 0	7°36	2°37	13°33	W 4
T 5	9 1 57	16°30'45	17°52	29°17	5°37	2°32	16°12	0°30	16°25	24°22	20°44	7°59	7°33	2°43	13°32	T 5
F 6	9 5 53	17°31'33	1♏56	0♒48	6°52	3°15	16°11	0°25	16°23	24°23	20°46	7°59	7°29	2°50	13°31	F 6
S 7	9 9 50	18°32'21	15°35	2°19	8° 8	3°58	16°11	0°20	16°21	24°24	20°48	7°D58	7°26	2°57	13°30	S 7
S 8	9 13 46	19°33'08	28°50	3°52	9°23	4°41	16°10	0°16	16°19	24°25	20°49	7°58	7°23	3° 3	13°30	S 8
M 9	9 17 43	20°33'54	11♐43	5°25	10°38	5°24	16°D10	0°11	16°17	24°26	20°51	7°59	7°20	3°10	13°29	M 9
T 10	9 21 40	21°34'38	24°17	7° 0	11°53	6° 7	16°10	0° 6	16°15	24°28	20°53	8° 0	7°17	3°17	13°28	T 10
W11	9 25 36	22°35'22	6♑37	8°34	13° 8	6°50	16°11	0° 1	16°13	24°29	20°55	8° 2	7°14	3°23	13°28	W11
T 12	9 29 33	23°36'05	18°44	10°10	14°24	7°33	16°11	29♌57	16°11	24°30	20°57	8° 3	7°10	3°30	13°27	T 12
F 13	9 33 29	24°36'46	0♒43	11°47	15°39	8°16	16°12	29°52	16° 9	24°31	20°58	8° 4	7° 7	3°37	13°27	F 13
S 14	9 37 26	25°37'26	12°36	13°24	16°54	8°59	16°13	29°47	16° 7	24°33	21° 0	8°R 4	7° 4	3°43	13°26	S 14
S 15	9 41 22	26°38'05	24°26	15° 3	18° 9	9°43	16°14	29°42	16° 5	24°34	21° 2	8° 3	7° 1	3°50	13°26	S 15
M16	9 45 19	27°38'42	6♓14	16°42	19°24	10°26	16°15	29°37	16° 3	24°36	21° 4	8° 1	6°58	3°57	13°26	M16
T 17	9 49 15	28°39'18	18° 3	18°22	20°39	11° 9	16°16	29°32	16° 2	24°37	21° 5	7°58	6°55	4° 3	13°25	T 17
W18	9 53 12	29°39'52	29°54	20° 3	21°54	11°52	16°18	29°27	16° 0	24°38	21° 7	7°54	6°51	4°10	13°25	W18
T 19	9 57 9	0♓40'24	11♈50	21°44	23° 9	12°36	16°20	29°23	15°58	24°40	21° 9	7°50	6°48	4°17	13°D25	T 19
F 20	10 1 5	1°40'55	23°54	23°27	24°25	13°19	16°22	29°18	15°57	24°41	21°11	7°47	6°45	4°23	13°25	F 20
S 21	10 5 2	2°41'24	6♉ 8	25°11	25°40	14° 3	16°24	29°13	15°55	24°43	21°12	7°43	6°42	4°30	13°26	S 21
S 22	10 8 58	3°41'51	18°37	26°55	26°55	14°46	16°26	29° 8	15°54	24°44	21°14	7°41	6°39	4°36	13°26	S 22
M23	10 12 55	4°42'16	1♊22	28°41	28°10	15°29	16°29	29° 3	15°52	24°46	21°16	7°D40	6°35	4°43	13°26	M23
T 24	10 16 51	5°42'39	14°29	0♓27	29°25	16°13	16°32	28°58	15°51	24°48	21°18	7°41	6°32	4°50	13°27	T 24
W25	10 20 48	6°43'01	28° 0	2°15	0♓40	16°56	16°35	28°54	15°49	24°49	21°19	7°42	6°29	4°56	13°27	W25
T 26	10 24 44	7°43'20	11♋57	4° 3	1°55	17°40	16°38	28°49	15°48	24°51	21°21	7°43	6°26	5° 3	13°27	T 26
F 27	10 28 41	8°43'38	26°20	5°53	3°10	18°23	16°42	28°44	15°47	24°53	21°23	7°45	6°23	5°10	13°28	F 27
S 28	10 32 37	9♓43'54	11♌ 7	7♓43	4♓25	19♑ 7	16♊45	28♌39	15♋46	24♈54	21♒25	7°R45	6♌20	5♓16	13♊29	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	17s 4	16n14	0n57	22s19	0s55	20s41	0s41	23s45	0s19	22n20	0s23	12n40	1n35	22n51	0n27	7n51	1s41	22s42	8s33	18n15	18n20	12s39	17n 9	5s19
M 2	16 46	12 21	2 17	22 10	1 1	20 27	0 43	23 46	0 20	22 20	0 23	12 42	1 35	22 51	0 27	7 52	1 41	22 42	8 33	18 15	18 20	12 38	17 9	5 19
T 3	16 29	7 42	3 27	22 0	1 7	20 11	0 45	23 46	0 21	22 20	0 23	12 44	1 35	22 52	0 27	7 52	1 41	22 41	8 33	18 15	18 21	12 36	17 9	5 18
W 4	16 11	2 40	4 22	21 48	1 13	19 56	0 47	23 47	0 21	22 20	0 23	12 45	1 35	22 52	0 27	7 52	1 41	22 41	8 33	18 16	18 22	12 35	17 9	5 18
T 5	15 53	2s24	4 58	21 35	1 19	19 39	0 49	23 47	0 22	22 21	0 23	12 47	1 36	22 52	0 27	7 53	1 41	22 40	8 33	18 16	18 23	12 33	17 10	5 18
F 6	15 35	7 12	5 16	21 21	1 25	19 23	0 51	23 47	0 23	22 21	0 22	12 49	1 36	22 53	0 27	7 53	1 41	22 40	8 34	18 16	18 24	12 31	17 10	5 18
S 7	15 16	11 29	5 15	21 6	1 30	19 5	0 53	23 46	0 24	22 21	0 22	12 51	1 36	22 53	0 27	7 54	1 41	22 39	8 34	18 16	18 24	12 30	17 10	5 17
S 8	14 57	15 4	4 57	20 49	1 35	18 47	0 55	23 46	0 25	22 21	0 22	12 52	1 36	22 53	0 27	7 54	1 40	22 39	8 34	18 16	18 25	12 28	17 10	5 17
M 9	14 38	17 49	4 24	20 31	1 39	18 29	0 57	23 45	0 25	22 21	0 22	12 54	1 36	22 53	0 27	7 55	1 40	22 38	8 34	18 16	18 26	12 26	17 10	5 17
T 10	14 18	19 39	3 40	20 11	1 43	18 10	0 59	23 44	0 26	22 21	0 22	12 56	1 36	22 53	0 27	7 55	1 40	22 38	8 34	18 16	18 27	12 24	17 10	5 17
W11	13 59	20 31	2 46	19 50	1 47	17 50	1 0	23 42	0 27	22 22	0 22	12 58	1 36	22 54	0 27	7 56	1 40	22 37	8 34	18 15	18 28	12 23	17 11	5 16
T 12	13 39	20 23	1 45	19 28	1 51	17 30	1 2	23 41	0 28	22 22	0 21	13 0	1 36	22 54	0 27	7 56	1 40	22 36	8 34	18 15	18 28	12 21	17 11	5 16
F 13	13 19	19 20	0 41	19 5	1 54	17 9	1 4	23 39	0 29	22 22	0 21	13 1	1 36	22 54	0 27	7 57	1 40	22 36	8 34	18 15	18 29	12 19	17 11	5 16
S 14	12 59	17 25	0s25	18 40	1 57	16 48	1 5	23 37	0 29	22 22	0 21	13 3	1 37	22 54	0 27	7 57	1 40	22 35	8 34	18 15	18 30	12 18	17 11	5 15
S 15	12 38	14 47	1 29	18 13	2 0	16 27	1 7	23 35	0 30	22 23	0 21	13 5	1 37	22 55	0 27	7 58	1 40	22 35	8 34	18 15	18 31	12 16	17 12	5 15
M16	12 17	11 32	2 30	17 46	2 2	16 5	1 8	23 32	0 31	22 23	0 21	13 7	1 37	22 55	0 27	7 58	1 40	22 34	8 34	18 16	18 32	12 14	17 12	5 15
T 17	11 56	7 51	3 23	17 17	2 4	15 42	1 10	23 30	0 32	22 23	0 20	13 9	1 37	22 55	0 27	7 59	1 40	22 34	8 34	18 16	18 32	12 13	17 12	5 14
W18	11 35	3 50	4 8	16 46	2 5	15 19	1 11	23 27	0 33	22 24	0 20	13 10	1 37	22 55	0 27	8 0	1 40	22 33	8 34	18 17	18 33	12 11	17 12	5 14
T 19	11 14	0n20	4 43	16 15	2 6	14 56	1 12	23 23	0 33	22 24	0 20	13 12	1 37	22 55	0 27	8 0	1 40	22 33	8 34	18 18	18 34	12 9	17 13	5 14
F 20	10 52	4 32	5 5	15 42	2 7	14 32	1 14	23 20	0 34	22 24	0 20	13 14	1 37	22 56	0 27	8 1	1 40	22 32	8 35	18 19	18 35	12 8	17 13	5 14
S 21	10 31	8 37	5 14	15 7	2 7	14 8	1 15	23 16	0 35	22 25	0 20	13 16	1 37	22 56	0 27	8 1	1 40	22 32	8 35	18 20	18 36	12 6	17 13	5 13
S 22	10 9	12 24	5 9	14 31	2 7	13 44	1 16	23 13	0 36	22 25	0 19	13 17	1 37	22 56	0 27	8 2	1 40	22 31	8 35	18 21	18 36	12 4	17 14	5 13
M23	9 47	15 44	4 48	13 54	2 6	13 19	1 17	23 9	0 37	22 26	0 19	13 19	1 37	22 56	0 27	8 3	1 40	22 31	8 35	18 21	18 37	12 2	17 14	5 13
T 24	9 25	18 21	4 12	13 16	2 5	12 54	1 18	23 4	0 38	22 26	0 19	13 21	1 37	22 56	0 27	8 3	1 40	22 31	8 35	18 21	18 38	12 1	17 14	5 12
W25	9 3	20 4	3 21	12 36	2 4	12 28	1 19	23 0	0 38	22 27	0 19	13 23	1 37	22 56	0 27	8 4	1 40	22 30	8 35	18 20	18 39	11 59	17 15	5 12
T 26	8 40	20 37	2 17	11 54	2 1	12 2	1 20	22 55	0 39	22 27	0 19	13 24	1 38	22 57	0 27	8 4	1 40	22 30	8 35	18 20	18 40	11 57	17 15	5 12
F 27	8 18	19 52	1 2	11 12	1 59	11 36	1 21	22 50	0 40	22 28	0 19	13 26	1 38	22 57	0 27	8 5	1 40	22 29	8 35	18 20	18 40	11 55	17 15	5 11
S 28	7s55	17n44	0n18	10s28	1s56	11s 9	1s22	22s45	0s41	22n28	0s18	13n28	1n38	22n57	0n27	8n 6	1s40	22s29	8s35	18n20	18n41	11s54	17n16	5s11

Julian Day Number = 2465090.5, Delta T = 71.04 sec
Ecliptic obliquity = 23°25'58, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'30, Lahiri = 24°22'31

ASTRODIENST EPHEMERIS for the year 2037
geocentric

MARCH 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 34	10♓44'07	26♌12	9♓34	5♓40	19♉51	16♊49	28°R35	15°R44	24♈56	21♒26	7°R44	6♌16	5♓23	13♊30	S 1
M 2	10 40 31	11°44'19	11♍28	11°26	6°55	20°34	16°53	28♌30	15♋43	24°58	21°28	7♌41	6°13	5°30	13°30	M 2
T 3	10 44 27	12°44'29	26°43	13°20	8°10	21°18	16°57	28°25	15°42	25° 0	21°30	7°37	6°10	5°36	13°31	T 3
W 4	10 48 24	13°44'37	11♎48	15°14	9°25	22° 1	17° 1	28°21	15°41	25° 1	21°31	7°31	6° 7	5°43	13°32	W 4
T 5	10 52 20	14°44'43	26°33	17° 8	10°40	22°45	17° 6	28°16	15°40	25° 3	21°33	7°26	6° 4	5°50	13°33	T 5
F 6	10 56 17	15°44'48	10♏53	19° 4	11°55	23°29	17°10	28°12	15°39	25° 5	21°35	7°21	6° 1	5°56	13°34	F 6
S 7	11 0 13	16°44'51	24°43	21° 0	13° 9	24°13	17°15	28° 7	15°38	25° 7	21°36	7°17	5°57	6° 3	13°36	S 7
S 8	11 4 10	17°44'53	8♐ 5	22°57	14°24	24°56	17°20	28° 3	15°37	25° 9	21°38	7°15	5°54	6°10	13°37	S 8
M 9	11 8 6	18°44'54	20°59	24°53	15°39	25°40	17°25	27°58	15°37	25°11	21°40	7°D14	5°51	6°16	13°38	M 9
T 10	11 12 3	19°44'52	3♑31	26°51	16°54	26°24	17°31	27°54	15°36	25°13	21°41	7°15	5°48	6°23	13°40	T 10
W11	11 16 0	20°44'49	15°46	28°48	18° 9	27° 8	17°36	27°50	15°35	25°14	21°43	7°17	5°45	6°30	13°41	W11
T 12	11 19 56	21°44'45	27°46	0♈45	19°24	27°52	17°42	27°46	15°35	25°16	21°44	7°18	5°41	6°36	13°43	T 12
F 13	11 23 53	22°44'38	9♒39	2°41	20°39	28°36	17°48	27°41	15°34	25°18	21°46	7°R18	5°38	6°43	13°44	F 13
S 14	11 27 49	23°44'30	21°27	4°37	21°53	29°20	17°54	27°37	15°33	25°20	21°48	7°17	5°35	6°50	13°46	S 14
S 15	11 31 46	24°44'20	3♓13	6°31	23° 8	0♒ 4	18° 0	27°33	15°33	25°22	21°49	7°14	5°32	6°56	13°48	S 15
M16	11 35 42	25°44'08	15° 2	8°24	24°23	0°48	18° 6	27°29	15°33	25°24	21°51	7° 8	5°29	7° 3	13°50	M16
T 17	11 39 39	26°43'54	26°55	10°15	25°38	1°32	18°13	27°25	15°32	25°26	21°52	7° 0	5°26	7°10	13°52	T 17
W18	11 43 35	27°43'38	8♈53	12° 3	26°53	2°16	18°19	27°21	15°32	25°28	21°54	6°51	5°22	7°16	13°54	W18
T 19	11 47 32	28°43'20	20°58	13°49	28° 7	3° 0	18°26	27°18	15°32	25°31	21°55	6°41	5°19	7°23	13°56	T 19
F 20	11 51 29	29°43'00	3♉12	15°31	29°22	3°44	18°33	27°14	15°31	25°33	21°57	6°30	5°16	7°30	13°58	F 20
S 21	11 55 25	0♈42'38	15°36	17°10	0♈37	4°28	18°40	27°10	15°31	25°35	21°58	6°22	5°13	7°36	14° 0	S 21
S 22	11 59 22	1°42'14	28°11	18°44	1°52	5°12	18°47	27° 7	15°31	25°37	21°59	6°15	5°10	7°43	14° 2	S 22
M23	12 3 18	2°41'48	10♊59	20°13	3° 6	5°56	18°55	27° 3	15°D31	25°39	22° 1	6°10	5° 6	7°50	14° 5	M23
T 24	12 7 15	3°41'19	24° 4	21°38	4°21	6°40	19° 2	27° 0	15°31	25°41	22° 2	6° 8	5° 3	7°56	14° 7	T 24
W25	12 11 11	4°40'48	7♋28	22°57	5°35	7°24	19°10	26°56	15°31	25°43	22° 4	6°D 7	5° 0	8° 3	14° 9	W25
T 26	12 15 8	5°40'15	21°13	24°10	6°50	8° 8	19°18	26°53	15°31	25°45	22° 5	6° 8	4°57	8°10	14°12	T 26
F 27	12 19 4	6°39'39	5♌20	25°17	8° 5	8°52	19°25	26°50	15°31	25°47	22° 6	6°R 8	4°54	8°16	14°14	F 27
S 28	12 23 1	7°39'01	19°50	26°17	9°19	9°36	19°34	26°47	15°32	25°50	22° 8	6° 8	4°51	8°23	14°17	S 28
S 29	12 26 58	8°38'21	4♍39	27°11	10°34	10°21	19°42	26°44	15°32	25°52	22° 9	6° 5	4°47	8°30	14°20	S 29
M30	12 30 54	9°37'38	19°41	27°57	11°48	11° 5	19°50	26°41	15°32	25°54	22°10	5°59	4°44	8°36	14°23	M30
T 31	12 34 51	10♈36'53	4♎48	28♈37	13♈ 3	11♒49	19♊59	26♌38	15♋33	25♈56	22♒12	5♌51	4♌41	8♓43	14♊25	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	7s32	14n20	1n39	9s43	1s52	10s43	1s22	22s39	0s42	22n29	0s18	13n30	1n38	22n57	0n27	8n 6	1s40	22s28	8s36	18n20	18n42	11s52	17n16	5s11
M 2	7 9	9 57	2 54	8 56	1 48	10 15	1 23	22 34	0 43	22 29	0 18	13 31	1 38	22 57	0 27	8 7	1 40	22 28	8 36	18 21	18 43	11 50	17 17	5 11
T 3	6 47	4 55	3 56	8 9	1 44	9 48	1 24	22 28	0 44	22 30	0 18	13 33	1 38	22 57	0 27	8 8	1 40	22 27	8 36	18 22	18 44	11 49	17 17	5 10
W 4	6 23	0s21	4 41	7 20	1 38	9 20	1 24	22 22	0 44	22 30	0 18	13 34	1 38	22 57	0 27	8 8	1 39	22 27	8 36	18 23	18 44	11 47	17 17	5 10
T 5	6 0	5 29	5 6	6 30	1 33	8 52	1 25	22 15	0 45	22 31	0 17	13 36	1 38	22 57	0 27	8 9	1 39	22 27	8 36	18 25	18 45	11 45	17 18	5 10
F 6	5 37	10 10	5 11	5 39	1 26	8 24	1 25	22 9	0 46	22 32	0 17	13 38	1 38	22 57	0 27	8 10	1 39	22 26	8 36	18 26	18 46	11 43	17 18	5 9
S 7	5 14	14 8	4 57	4 47	1 20	7 56	1 25	22 2	0 47	22 32	0 17	13 39	1 38	22 58	0 27	8 10	1 39	22 26	8 36	18 27	18 47	11 42	17 19	5 9
S 8	4 50	17 15	4 28	3 54	1 12	7 27	1 26	21 55	0 48	22 33	0 17	13 41	1 38	22 58	0 27	8 11	1 39	22 25	8 37	18 27	18 47	11 40	17 19	5 9
M 9	4 27	19 23	3 45	3 0	1 4	6 58	1 26	21 48	0 49	22 34	0 17	13 42	1 38	22 58	0 27	8 12	1 39	22 25	8 37	18 27	18 48	11 38	17 20	5 8
T 10	4 4	20 30	2 53	2 6	0 55	6 30	1 26	21 41	0 50	22 34	0 17	13 44	1 38	22 58	0 27	8 13	1 39	22 25	8 37	18 27	18 49	11 36	17 20	5 8
W11	3 40	20 37	1 54	1 11	0 46	6 0	1 26	21 33	0 50	22 35	0 16	13 45	1 38	22 58	0 27	8 13	1 39	22 24	8 37	18 27	18 50	11 34	17 21	5 8
T 12	3 16	19 46	0 52	0 16	0 36	5 31	1 26	21 25	0 51	22 36	0 16	13 47	1 38	22 58	0 27	8 14	1 39	22 24	8 37	18 27	18 51	11 33	17 21	5 8
F 13	2 53	18 2	0s13	0n40	0 26	5 2	1 26	21 17	0 52	22 36	0 16	13 48	1 38	22 58	0 27	8 15	1 39	22 23	8 37	18 26	18 51	11 31	17 21	5 7
S 14	2 29	15 33	1 16	1 36	0 15	4 32	1 26	21 9	0 53	22 37	0 16	13 50	1 38	22 58	0 27	8 16	1 39	22 23	8 38	18 27	18 52	11 29	17 22	5 7
S 15	2 5	12 26	2 15	2 31	0 4	4 2	1 26	21 1	0 54	22 38	0 16	13 51	1 38	22 58	0 27	8 16	1 39	22 23	8 38	18 28	18 53	11 27	17 22	5 7
M16	1 42	8 48	3 9	3 27	0n 7	3 32	1 26	20 52	0 55	22 38	0 16	13 53	1 38	22 58	0 27	8 17	1 39	22 22	8 38	18 29	18 54	11 26	17 23	5 6
T 17	1 18	4 49	3 55	4 21	0 19	3 3	1 25	20 43	0 56	22 39	0 15	13 54	1 38	22 58	0 27	8 18	1 39	22 22	8 38	18 31	18 55	11 24	17 23	5 6
W18	0 54	0 38	4 31	5 15	0 32	2 32	1 25	20 34	0 57	22 40	0 15	13 55	1 38	22 58	0 27	8 19	1 39	22 22	8 38	18 33	18 55	11 22	17 24	5 6
T 19	0 30	3n38	4 55	6 8	0 44	2 2	1 25	20 25	0 58	22 41	0 15	13 56	1 38	22 58	0 27	8 19	1 39	22 21	8 39	18 36	18 56	11 20	17 24	5 6
F 20	0 7	7 47	5 5	6 59	0 57	1 32	1 24	20 16	0 58	22 41	0 15	13 58	1 38	22 58	0 27	8 20	1 39	22 21	8 39	18 38	18 57	11 18	17 25	5 5
S 21	0n17	11 41	5 2	7 48	1 9	1 2	1 24	20 6	0 59	22 42	0 15	13 59	1 38	22 58	0 27	8 21	1 39	22 21	8 39	18 41	18 58	11 17	17 26	5 5
S 22	0 41	15 8	4 44	8 36	1 22	0 32	1 23	19 56	1 0	22 43	0 15	14 0	1 38	22 58	0 26	8 22	1 39	22 20	8 39	18 42	18 58	11 15	17 26	5 5
M23	1 4	17 56	4 12	9 21	1 34	0 2	1 22	19 46	1 1	22 44	0 15	14 1	1 38	22 58	0 26	8 23	1 39	22 20	8 39	18 44	18 59	11 13	17 27	5 4
T 24	1 28	19 53	3 26	10 5	1 46	0n29	1 22	19 36	1 2	22 44	0 14	14 2	1 38	22 58	0 26	8 23	1 39	22 20	8 40	18 44	19 0	11 11	17 27	5 4
W25	1 52	20 46	2 27	10 45	1 58	0 59	1 21	19 26	1 3	22 45	0 14	14 4	1 38	22 58	0 26	8 24	1 39	22 20	8 40	18 44	19 1	11 9	17 28	5 4
T 26	2 15	20 28	1 19	11 23	2 10	1 29	1 20	19 15	1 4	22 46	0 14	14 5	1 38	22 58	0 26	8 25	1 39	22 19	8 40	18 44	19 1	11 7	17 28	5 4
F 27	2 39	18 52	0 4	11 57	2 20	2 0	1 19	19 5	1 5	22 47	0 14	14 6	1 38	22 58	0 26	8 26	1 39	22 19	8 40	18 44	19 2	11 6	17 29	5 3
S 28	3 2	16 1	1n13	12 29	2 30	2 30	1 18	18 54	1 6	22 48	0 14	14 7	1 38	22 58	0 26	8 26	1 39	22 19	8 40	18 44	19 3	11 4	17 29	5 3
S 29	3 25	12 4	2 26	12 57	2 40	3 0	1 17	18 43	1 6	22 48	0 14	14 8	1 38	22 58	0 26	8 27	1 39	22 19	8 41	18 45	19 4	11 2	17 30	5 3
M30	3 49	7 19	3 30	13 21	2 48	3 30	1 16	18 31	1 7	22 49	0 14	14 9	1 38	22 58	0 26	8 28	1 39	22 18	8 41	18 46	19 4	11 0	17 30	5 3
T 31	4n12	2n 4	4n20	13n43	2n56	4n 0	1s15	18s20	1s 8	22n50	0s13	14n10	1n38	22n58	0n26	8n29	1s39	22s18	8s41	18n48	19n 5	10s58	17n31	5s 2

Julian Day Number = 2465118.5, Delta T = 71.06 sec
Ecliptic obliquity = 23°25'59, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'34, Lahiri = 24°22'34

ASTRODIENST EPHEMERIS for the year 2037
geocentric

APRIL 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 47	11♈36'06	19♎51	29♈ 9	14♈17	12♒33	20♊ 7	26°R36	15♋33	25♈58	22♒13	5°R42	4♌38	8♓50	14♊28	W 1
T 2	12 42 44	12°35'17	4♏39	29°34	15°32	13°17	20°16	26♌33	15°34	26° 1	22°14	5♌31	4°35	8°56	14°31	T 2
F 3	12 46 40	13°34'27	19° 4	29°52	16°46	14° 2	20°25	26°30	15°34	26° 3	22°15	5°22	4°32	9° 3	14°34	F 3
S 4	12 50 37	14°33'34	3♐ 2	0♉ 3	18° 1	14°46	20°34	26°28	15°35	26° 5	22°17	5°14	4°28	9°10	14°37	S 4
S 5	12 54 33	15°32'40	16°31	0°R 6	19°15	15°30	20°43	26°26	15°35	26° 7	22°18	5° 8	4°25	9°16	14°40	S 5
M 6	12 58 30	16°31'44	29°31	0° 3	20°30	16°15	20°52	26°23	15°36	26°10	22°19	5° 5	4°22	9°23	14°44	M 6
T 7	13 2 26	17°30'46	12♑ 7	29♈53	21°44	16°59	21° 1	26°21	15°37	26°12	22°20	5° 3	4°19	9°30	14°47	T 7
W 8	13 6 23	18°29'46	24°22	29°36	22°58	17°43	21°11	26°19	15°38	26°14	22°21	5°D 3	4°16	9°36	14°50	W 8
T 9	13 10 20	19°28'45	6♒23	29°14	24°13	18°27	21°20	26°17	15°39	26°16	22°22	5°R 4	4°12	9°43	14°53	T 9
F 10	13 14 16	20°27'42	18°14	28°47	25°27	19°12	21°30	26°15	15°39	26°19	22°24	5° 3	4° 9	9°50	14°57	F 10
S 11	13 18 13	21°26'37	0♓ 2	28°15	26°41	19°56	21°40	26°14	15°40	26°21	22°25	5° 0	4° 6	9°56	15° 0	S 11
S 12	13 22 9	22°25'30	11°49	27°39	27°56	20°40	21°49	26°12	15°41	26°23	22°26	4°55	4° 3	10° 3	15° 4	S 12
M13	13 26 6	23°24'22	23°41	27° 0	29°10	21°25	21°59	26°10	15°43	26°25	22°27	4°47	4° 0	10°10	15° 7	M13
T 14	13 30 2	24°23'11	5♈39	26°18	0♉24	22° 9	22° 9	26° 9	15°44	26°28	22°28	4°36	3°57	10°16	15°11	T 14
W15	13 33 59	25°21'59	17°47	25°35	1°38	22°54	22°20	26° 8	15°45	26°30	22°29	4°24	3°53	10°23	15°15	W15
T 16	13 37 55	26°20'44	0♉ 5	24°50	2°53	23°38	22°30	26° 6	15°46	26°32	22°30	4°10	3°50	10°30	15°18	T 16
F 17	13 41 52	27°19'28	12°33	24° 6	4° 7	24°22	22°40	26° 5	15°47	26°34	22°31	3°56	3°47	10°36	15°22	F 17
S 18	13 45 49	28°18'10	25°12	23°23	5°21	25° 7	22°51	26° 4	15°49	26°37	22°31	3°44	3°44	10°43	15°26	S 18
S 19	13 49 45	29°16'50	8♊ 3	22°41	6°35	25°51	23° 1	26° 3	15°50	26°39	22°32	3°34	3°41	10°50	15°30	S 19
M20	13 53 42	0♉15'27	21° 5	22° 2	7°49	26°35	23°12	26° 2	15°51	26°41	22°33	3°27	3°37	10°57	15°34	M20
T 21	13 57 38	1°14'03	4♋19	21°26	9° 4	27°20	23°23	26° 2	15°53	26°43	22°34	3°23	3°34	11° 3	15°38	T 21
W22	14 1 35	2°12'36	17°46	20°53	10°18	28° 4	23°34	26° 1	15°54	26°46	22°35	3°21	3°31	11°10	15°42	W22
T 23	14 5 31	3°11'07	1♌28	20°24	11°32	28°48	23°45	26° 1	15°56	26°48	22°36	3°21	3°28	11°17	15°46	T 23
F 24	14 9 28	4° 9'36	15°26	19°59	12°46	29°33	23°56	26° 0	15°58	26°50	22°36	3°21	3°25	11°23	15°50	F 24
S 25	14 13 24	5° 8'03	29°40	19°39	14° 0	0♓17	24° 7	26° 0	15°59	26°52	22°37	3°19	3°22	11°30	15°54	S 25
S 26	14 17 21	6° 6'28	14♍ 9	19°23	15°14	1° 1	24°18	26° 0	16° 1	26°55	22°38	3°16	3°18	11°37	15°58	S 26
M27	14 21 18	7° 4'50	28°49	19°13	16°28	1°46	24°29	26°D 0	16° 3	26°57	22°39	3°10	3°15	11°43	16° 2	M27
T 28	14 25 14	8° 3'10	13♎35	19° 7	17°42	2°30	24°40	26° 0	16° 5	26°59	22°39	3° 1	3°12	11°50	16° 6	T 28
W29	14 29 11	9° 1'29	28°18	19°D 6	18°56	3°14	24°52	26° 0	16° 6	27° 1	22°40	2°50	3° 9	11°57	16°11	W29
T 30	14 33 7	9♉59'45	12♍52	19♈10	20♉10	3♓59	25♊ 3	26♌ 0	16♋ 8	27♈ 4	22♒40	2♌39	3♌ 6	12♓ 3	16♊15	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	4n35	3s15	4n52	14n 0	3n 2	4n30	1s14	18s 8	1s 9	22n51	0s13	14n10	1n37	22n58	0n26	8n30	1s39	22s18	8s41	18n51	19n 6	10s57	17n32	5s	2
T 2	4 58	8 18	5 3	14 14	3 7	5 0	1 12	17 57	1 10	22 52	0 13	14 11	1 37	22 58	0 26	8 31	1 39	22 18	8 42	18 53	19 7	10 55	17 32	5	2
F 3	5 21	12 45	4 55	14 24	3 11	5 30	1 11	17 45	1 11	22 52	0 13	14 12	1 37	22 58	0 26	8 31	1 39	22 18	8 42	18 55	19 8	10 53	17 33	5	2
S 4	5 44	16 22	4 29	14 30	3 14	5 59	1 10	17 33	1 12	22 53	0 13	14 13	1 37	22 58	0 26	8 32	1 39	22 17	8 42	18 57	19 8	10 51	17 33	5	1
S 5	6 7	18 58	3 48	14 33	3 15	6 29	1 8	17 20	1 13	22 54	0 13	14 14	1 37	22 57	0 26	8 33	1 39	22 17	8 42	18 59	19 9	10 49	17 34	5	1
M 6	6 30	20 29	2 57	14 31	3 15	6 58	1 7	17 8	1 14	22 55	0 12	14 14	1 37	22 57	0 26	8 34	1 39	22 17	8 43	19 0	19 10	10 47	17 34	5	1
T 7	6 52	20 54	1 59	14 26	3 13	7 28	1 5	16 56	1 15	22 55	0 12	14 15	1 37	22 57	0 26	8 35	1 39	22 17	8 43	19 0	19 11	10 45	17 35	5	1
W 8	7 15	20 19	0 57	14 17	3 9	7 57	1 4	16 43	1 15	22 56	0 12	14 16	1 37	22 57	0 26	8 35	1 39	22 17	8 43	19 0	19 11	10 44	17 36	5	1
T 9	7 37	18 47	0s 7	14 4	3 4	8 25	1 2	16 30	1 16	22 57	0 12	14 16	1 37	22 57	0 26	8 36	1 39	22 17	8 43	19 0	19 12	10 42	17 36	5	0
F 10	7 59	16 28	1 9	13 48	2 58	8 54	1 0	16 17	1 17	22 58	0 12	14 17	1 37	22 57	0 26	8 37	1 39	22 17	8 44	19 0	19 13	10 40	17 37	5	0
S 11	8 22	13 28	2 8	13 29	2 50	9 23	0 59	16 4	1 18	22 58	0 12	14 17	1 37	22 57	0 26	8 38	1 39	22 16	8 44	19 1	19 14	10 38	17 37	5	0
S 12	8 44	9 56	3 2	13 7	2 40	9 51	0 57	15 51	1 19	22 59	0 12	14 18	1 37	22 57	0 26	8 39	1 39	22 16	8 44	19 2	19 14	10 36	17 38	5	0
M13	9 5	5 59	3 47	12 43	2 29	10 19	0 55	15 37	1 20	23 0	0 12	14 18	1 37	22 57	0 26	8 39	1 39	22 16	8 44	19 4	19 15	10 34	17 38	5	0
T 14	9 27	1 47	4 23	12 16	2 17	10 47	0 53	15 24	1 21	23 1	0 11	14 19	1 37	22 56	0 26	8 40	1 39	22 16	8 45	19 6	19 16	10 32	17 39	4	59
W15	9 49	2n32	4 48	11 48	2 3	11 14	0 51	15 10	1 22	23 1	0 11	14 19	1 37	22 56	0 26	8 41	1 39	22 16	8 45	19 9	19 17	10 30	17 40	4	59
T 16	10 10	6 49	4 59	11 18	1 49	11 42	0 49	14 56	1 23	23 2	0 11	14 20	1 36	22 56	0 26	8 42	1 39	22 16	8 45	19 13	19 17	10 29	17 40	4	59
F 17	10 31	10 53	4 57	10 48	1 34	12 9	0 48	14 42	1 23	23 3	0 11	14 20	1 36	22 56	0 26	8 43	1 39	22 16	8 45	19 16	19 18	10 27	17 41	4	59
S 18	10 52	14 32	4 40	10 17	1 18	12 35	0 46	14 28	1 24	23 4	0 11	14 20	1 36	22 56	0 26	8 44	1 39	22 16	8 46	19 19	19 19	10 25	17 41	4	59
S 19	11 13	17 33	4 8	9 46	1 1	13 2	0 43	14 14	1 25	23 4	0 11	14 20	1 36	22 56	0 26	8 44	1 39	22 16	8 46	19 21	19 20	10 23	17 42	4	58
M20	11 34	19 45	3 23	9 16	0 44	13 28	0 41	14 0	1 26	23 5	0 11	14 21	1 36	22 55	0 26	8 45	1 39	22 16	8 46	19 23	19 20	10 21	17 43	4	58
T 21	11 54	20 55	2 27	8 47	0 27	13 54	0 39	13 45	1 27	23 6	0 11	14 21	1 36	22 55	0 26	8 46	1 39	22 16	8 46	19 24	19 21	10 19	17 43	4	58
W22	12 14	20 55	1 21	8 19	0 11	14 19	0 37	13 31	1 28	23 6	0 10	14 21	1 36	22 55	0 26	8 47	1 39	22 16	8 47	19 24	19 22	10 17	17 44	4	58
T 23	12 34	19 40	0 10	7 52	0s 6	14 44	0 35	13 16	1 29	23 7	0 10	14 21	1 36	22 55	0 26	8 48	1 39	22 16	8 47	19 24	19 22	10 15	17 44	4	58
F 24	12 54	17 13	1n 4	7 28	0 22	15 9	0 33	13 2	1 30	23 8	0 10	14 21	1 36	22 55	0 26	8 48	1 39	22 16	8 47	19 24	19 23	10 13	17 45	4	58
S 25	13 14	13 41	2 14	7 6	0 38	15 33	0 31	12 47	1 30	23 8	0 10	14 21	1 36	22 54	0 26	8 49	1 39	22 16	8 48	19 24	19 24	10 12	17 45	4	57
S 26	13 33	9 16	3 18	6 45	0 54	15 57	0 28	12 32	1 31	23 9	0 10	14 21	1 36	22 54	0 26	8 50	1 39	22 16	8 48	19 25	19 25	10 10	17 46	4	57
M27	13 52	4 16	4 9	6 28	1 8	16 20	0 26	12 17	1 32	23 9	0 10	14 21	1 36	22 54	0 26	8 51	1 39	22 16	8 48	19 27	19 25	10 8	17 47	4	57
T 28	14 11	1s 0	4 44	6 13	1 22	16 44	0 24	12 2	1 33	23 10	0 10	14 21	1 35	22 54	0 26	8 52	1 39	22 16	8 48	19 29	19 26	10 6	17 47	4	57
W29	14 30	6 12	5 0	6 0	1 36	17 6	0 21	11 46	1 34	23 11	0 10	14 21	1 35	22 53	0 26	8 52	1 39	22 16	8 49	19 31	19 27	10 4	17 48	4	57
T 30	14n49	10s59	4n56	5n50	1s48	17n29	0s19	11s31	1s35	23n11	0s 9	14n21	1n35	22n53	0n26	8n53	1s39	22s16	8s49	19n34	19n28	10s 2	17n48	4	57

Julian Day Number = 2465149.5, Delta T = 71.08 sec
Ecliptic obliquity = 23°25'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'38, Lahiri = 24°22'39

ASTRODIENST EPHEMERIS for the year 2037
geocentric

MAY 2037

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 37 4	10♉58'00	27♏ 8	19♈19	21♉24	4♓43	25♊15	26♌ 0	16♋10	27♈ 6	22♒41	2°R28	3♌ 3	12♓10	16♊19	F 1
S 2	14 41 0	11°56'14	11♐ 2	19°33	22°38	5°27	25°27	26° 1	16°12	27° 8	22°42	2♌18	2°59	12°17	16°24	S 2
S 3	14 44 57	12°54'25	24°30	19°51	23°51	6°12	25°38	26° 1	16°14	27°10	22°42	2°11	2°56	12°23	16°28	S 3
M 4	14 48 53	13°52'36	7♑32	20°14	25° 5	6°56	25°50	26° 2	16°16	27°12	22°43	2° 7	2°53	12°30	16°33	M 4
T 5	14 52 50	14°50'44	20°10	20°41	26°19	7°40	26° 2	26° 3	16°18	27°15	22°43	2° 5	2°50	12°37	16°37	T 5
W 6	14 56 47	15°48'51	2♒28	21°12	27°33	8°24	26°14	26° 4	16°21	27°17	22°44	2°D 4	2°47	12°43	16°42	W 6
T 7	15 0 43	16°46'57	14°32	21°47	28°47	9° 9	26°26	26° 5	16°23	27°19	22°44	2°R 4	2°43	12°50	16°46	T 7
F 8	15 4 40	17°45'02	26°25	22°27	0♊ 0	9°53	26°38	26° 6	16°25	27°21	22°45	2° 4	2°40	12°57	16°51	F 8
S 9	15 8 36	18°43'05	8♓14	23°10	1°14	10°37	26°50	26° 7	16°27	27°23	22°45	2° 2	2°37	13° 3	16°55	S 9
S 10	15 12 33	19°41'06	20° 4	23°56	2°28	11°21	27° 2	26° 8	16°30	27°25	22°45	1°59	2°34	13°10	17° 0	S 10
M11	15 16 29	20°39'06	2♈ 0	24°46	3°42	12° 6	27°15	26°10	16°32	27°28	22°46	1°52	2°31	13°17	17° 5	M11
T 12	15 20 26	21°37'05	14° 4	25°39	4°55	12°50	27°27	26°11	16°34	27°30	22°46	1°43	2°28	13°23	17° 9	T 12
W13	15 24 22	22°35'03	26°21	26°36	6° 9	13°34	27°39	26°13	16°37	27°32	22°46	1°33	2°24	13°30	17°14	W13
T 14	15 28 19	23°32'59	8♉51	27°36	7°23	14°18	27°52	26°15	16°39	27°34	22°46	1°21	2°21	13°37	17°19	T 14
F 15	15 32 16	24°30'53	21°35	28°38	8°36	15° 2	28° 4	26°16	16°42	27°36	22°47	1° 9	2°18	13°43	17°24	F 15
S 16	15 36 12	25°28'46	4♊33	29°44	9°50	15°46	28°17	26°18	16°44	27°38	22°47	0°58	2°15	13°50	17°28	S 16
S 17	15 40 9	26°26'38	17°44	0♉52	11° 4	16°30	28°29	26°20	16°47	27°40	22°47	0°50	2°12	13°57	17°33	S 17
M18	15 44 5	27°24'28	1♋ 7	2° 3	12°17	17°14	28°42	26°22	16°50	27°42	22°47	0°44	2° 9	14° 3	17°38	M18
T 19	15 48 2	28°22'17	14°41	3°17	13°31	17°58	28°55	26°25	16°52	27°44	22°47	0°40	2° 5	14°10	17°43	T 19
W20	15 51 58	29°20'04	28°23	4°33	14°44	18°42	29° 7	26°27	16°55	27°46	22°47	0°D39	2° 2	14°17	17°48	W20
T 21	15 55 55	0♊17'50	12♌15	5°52	15°58	19°26	29°20	26°29	16°58	27°48	22°48	0°40	1°59	14°24	17°53	T 21
F 22	15 59 51	1°15'33	26°15	7°14	17°11	20°10	29°33	26°32	17° 0	27°50	22°48	0°R40	1°56	14°30	17°58	F 22
S 23	16 3 48	2°13'15	10♍23	8°38	18°25	20°54	29°46	26°35	17° 3	27°52	22°R48	0°40	1°53	14°37	18° 3	S 23
S 24	16 7 45	3°10'56	24°38	10° 4	19°38	21°37	29°59	26°37	17° 6	27°54	22°48	0°38	1°49	14°44	18° 7	S 24
M25	16 11 41	4° 8'35	8♎58	11°33	20°52	22°21	0♋12	26°40	17° 9	27°56	22°48	0°34	1°46	14°50	18°12	M25
T 26	16 15 38	5° 6'12	23°18	13° 4	22° 5	23° 5	0°25	26°43	17°12	27°58	22°48	0°28	1°43	14°57	18°17	T 26
W27	16 19 34	6° 3'48	7♏35	14°38	23°19	23°49	0°38	26°46	17°15	28° 0	22°47	0°20	1°40	15° 4	18°22	W27
T 28	16 23 31	7° 1'22	21°44	16°14	24°32	24°32	0°51	26°49	17°18	28° 2	22°47	0°12	1°37	15°10	18°27	T 28
F 29	16 27 27	7°58'56	5♐38	17°52	25°45	25°16	1° 4	26°52	17°21	28° 3	22°47	0° 3	1°34	15°17	18°32	F 29
S 30	16 31 24	8°56'28	19°15	19°33	26°59	25°59	1°17	26°56	17°24	28° 5	22°47	29♋56	1°30	15°24	18°37	S 30
S 31	16 35 20	9♊54'00	2♑32	21♉16	28♊12	26♓43	1♋30	26♌59	17♋27	28♈ 7	22♒47	29♋51	1♌27	15♓30	18♊43	S 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	
F 1	15n 7	15s 4	4n34	5n43	2s 0	17n50	0s17	11s16	1s36	23n12	0s 9	14n20	1n35	22n53	0n26	8n54	1s39	22s16	8s49	19n36	19n28	10s 0	17n49	4s57	F 1
S 2	15 25	18 12	3 55	5 38	2 10	18 12	0 14	11 0	1 36	23 12	0 9	14 20	1 35	22 53	0 26	8 55	1 39	22 16	8 50	19 38	19 29	9 58	17 49	4 56	S 2
S 3	15 43	20 14	3 5	5 36	2 20	18 33	0 12	10 45	1 37	23 13	0 9	14 20	1 35	22 52	0 26	8 55	1 39	22 16	8 50	19 40	19 30	9 56	17 50	4 56	S 3
M 4	16 0	21 7	2 6	5 36	2 29	18 53	0 9	10 29	1 38	23 13	0 9	14 19	1 35	22 52	0 26	8 56	1 39	22 16	8 50	19 41	19 31	9 54	17 50	4 56	M 4
T 5	16 17	20 53	1 3	5 38	2 38	19 13	0 7	10 13	1 39	23 14	0 9	14 19	1 35	22 52	0 26	8 57	1 39	22 16	8 50	19 41	19 31	9 52	17 51	4 56	T 5
W 6	16 34	19 38	0s 2	5 43	2 45	19 32	0 4	9 57	1 40	23 14	0 9	14 19	1 35	22 52	0 26	8 58	1 39	22 17	8 51	19 42	19 32	9 50	17 52	4 56	W 6
T 7	16 51	17 31	1 6	5 50	2 51	19 51	0 2	9 42	1 41	23 15	0 9	14 18	1 35	22 51	0 26	8 59	1 39	22 17	8 51	19 42	19 33	9 48	17 52	4 56	T 7
F 8	17 7	14 40	2 5	5 59	2 57	20 9	0n 0	9 26	1 41	23 15	0 8	14 18	1 35	22 51	0 26	8 59	1 39	22 17	8 51	19 42	19 33	9 46	17 53	4 56	F 8
S 9	17 23	11 15	3 0	6 11	3 2	20 27	0 3	9 10	1 42	23 15	0 8	14 17	1 34	22 51	0 26	9 0	1 39	22 17	8 52	19 42	19 34	9 44	17 53	4 56	S 9
S 10	17 39	7 24	3 46	6 24	3 6	20 44	0 5	8 53	1 43	23 16	0 8	14 17	1 34	22 51	0 26	9 1	1 39	22 17	8 52	19 43	19 35	9 43	17 54	4 56	S 10
M11	17 55	3 13	4 23	6 39	3 9	21 1	0 8	8 37	1 44	23 16	0 8	14 16	1 34	22 50	0 26	9 1	1 39	22 17	8 52	19 44	19 36	9 41	17 54	4 56	M11
T 12	18 10	1n 7	4 48	6 56	3 12	21 17	0 10	8 21	1 45	23 17	0 8	14 16	1 34	22 50	0 26	9 2	1 39	22 17	8 53	19 46	19 36	9 39	17 55	4 55	T 12
W13	18 25	5 29	5 1	7 15	3 14	21 32	0 13	8 5	1 45	23 17	0 8	14 15	1 34	22 50	0 26	9 3	1 39	22 18	8 53	19 49	19 37	9 37	17 55	4 55	W13
T 14	18 39	9 42	5 0	7 35	3 15	21 47	0 15	7 49	1 46	23 17	0 8	14 14	1 34	22 49	0 26	9 4	1 39	22 18	8 53	19 51	19 38	9 35	17 56	4 55	T 14
F 15	18 54	13 35	4 44	7 57	3 15	22 2	0 18	7 32	1 47	23 17	0 8	14 14	1 34	22 49	0 26	9 4	1 39	22 18	8 53	19 54	19 39	9 33	17 56	4 55	F 15
S 16	19 8	16 54	4 13	8 20	3 15	22 15	0 20	7 16	1 48	23 18	0 8	14 13	1 34	22 49	0 26	9 5	1 39	22 18	8 54	19 56	19 39	9 31	17 57	4 55	S 16
S 17	19 21	19 25	3 28	8 45	3 14	22 28	0 23	7 0	1 49	23 18	0 7	14 12	1 34	22 48	0 26	9 6	1 39	22 18	8 54	19 58	19 40	9 29	17 57	4 55	S 17
M18	19 35	20 55	2 31	9 11	3 12	22 41	0 25	6 43	1 49	23 18	0 7	14 11	1 34	22 48	0 26	9 7	1 39	22 19	8 54	19 59	19 41	9 27	17 58	4 55	M18
T 19	19 48	21 14	1 24	9 38	3 10	22 52	0 28	6 27	1 50	23 18	0 7	14 10	1 33	22 48	0 26	9 7	1 39	22 19	8 55	20 0	19 41	9 25	17 58	4 55	T 19
W20	20 0	20 17	0 12	10 6	3 7	23 3	0 30	6 10	1 51	23 19	0 7	14 10	1 33	22 47	0 26	9 8	1 39	22 19	8 55	20 0	19 42	9 23	17 59	4 55	W20
T 21	20 12	18 6	1n 2	10 36	3 3	23 14	0 32	5 54	1 52	23 19	0 7	14 9	1 33	22 47	0 26	9 9	1 39	22 19	8 55	20 0	19 43	9 21	17 59	4 55	T 21
F 22	20 24	14 50	2 12	11 6	2 59	23 24	0 35	5 37	1 52	23 19	0 7	14 8	1 33	22 47	0 26	9 9	1 39	22 20	8 55	20 0	19 43	9 19	17 59	4 55	F 22
S 23	20 36	10 41	3 16	11 37	2 54	23 33	0 37	5 20	1 53	23 19	0 7	14 7	1 33	22 46	0 26	9 10	1 39	22 20	8 56	20 0	19 44	9 17	18 0	4 55	S 23
S 24	20 47	5 55	4 8	12 9	2 49	23 41	0 40	5 4	1 54	23 19	0 7	14 6	1 33	22 46	0 26	9 11	1 39	22 20	8 56	20 1	19 45	9 15	18 0	4 55	S 24
M25	20 58	0 48	4 44	12 42	2 43	23 49	0 42	4 47	1 54	23 19	0 7	14 5	1 33	22 45	0 26	9 11	1 39	22 20	8 56	20 1	19 46	9 13	18 1	4 55	M25
T 26	21 9	4s21	5 3	13 16	2 37	23 56	0 44	4 31	1 55	23 19	0 6	14 4	1 33	22 45	0 26	9 12	1 40	22 21	8 57	20 3	19 46	9 11	18 1	4 55	T 26
W27	21 19	9 15	5 3	13 50	2 30	24 2	0 47	4 14	1 56	23 20	0 6	14 2	1 33	22 45	0 26	9 12	1 40	22 21	8 57	20 4	19 47	9 9	18 2	4 55	W27
T 28	21 29	13 36	4 45	14 25	2 23	24 8	0 49	3 57	1 57	23 20	0 6	14 1	1 33	22 44	0 26	9 13	1 40	22 21	8 57	20 6	19 48	9 7	18 2	4 55	T 28
F 29	21 38	17 9	4 9	15 0	2 15	24 13	0 51	3 41	1 57	23 20	0 6	14 0	1 33	22 44	0 26	9 14	1 40	22 22	8 58	20 8	19 48	9 5	18 2	4 55	F 29
S 30	21 47	19 40	3 20	15 35	2 6	24 17	0 53	3 24	1 58	23 20	0 6	13 59	1 32	22 44	0 26	9 14	1 40	22 22	8 58	20 9	19 49	9 3	18 3	4 55	S 30
S 31	21n56	21s 3	2n21	16n11	1s58	24n21	0n56	3s 7	1s59	23n19	0s 6	13n58	1n32	22n43	0n26	9n15	1s40	22s22	8s58	20n11	19n50	9s 1	18n 3	4s55	S 31

Julian Day Number = 2465179.5, Delta T = 71.10 sec
Ecliptic obliquity = 23°25'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'42, Lahiri = 24°22'43

ASTRODIENST EPHEMERIS for the year 2037
geocentric

JUNE 2037

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 17	10♊51'30	15♉27	23♉ 2	29♊25	27♓26	1♋43	27♌ 2	17♋30	28♈ 9	22°R47	29°R48	1♌24	15♓37	18♊48	M 1
T 2	16 43 14	11°48'59	28° 2	24°49	0♋39	28°10	1°57	27° 6	17°33	28°11	22♒46	29°D47	1°21	15°44	18°53	T 2
W 3	16 47 10	12°46'28	10♒20	26°40	1°52	28°53	2°10	27°10	17°36	28°12	22°46	29♋47	1°18	15°50	18°58	W 3
T 4	16 51 7	13°43'56	22°25	28°32	3° 5	29°36	2°23	27°13	17°39	28°14	22°46	29°49	1°15	15°57	19° 3	T 4
F 5	16 55 3	14°41'23	4♓20	0♊27	4°18	0♈20	2°37	27°17	17°42	28°16	22°46	29°50	1°11	16° 4	19° 8	F 5
S 6	16 59 0	15°38'49	16°11	2°24	5°31	1° 3	2°50	27°21	17°46	28°17	22°45	29°R51	1° 8	16°10	19°13	S 6
S 7	17 2 56	16°36'15	28° 3	4°23	6°45	1°46	3° 3	27°25	17°49	28°19	22°45	29°50	1° 5	16°17	19°18	S 7
M 8	17 6 53	17°33'40	10♈ 1	6°24	7°58	2°29	3°17	27°29	17°52	28°21	22°45	29°47	1° 2	16°24	19°23	M 8
T 9	17 10 49	18°31'04	22° 9	8°27	9°11	3°12	3°30	27°33	17°55	28°22	22°44	29°43	0°59	16°30	19°28	T 9
W10	17 14 46	19°28'28	4♉31	10°32	10°24	3°55	3°44	27°37	17°59	28°24	22°44	29°38	0°55	16°37	19°33	W10
T 11	17 18 43	20°25'51	17°10	12°38	11°37	4°38	3°57	27°42	18° 2	28°25	22°43	29°31	0°52	16°44	19°39	T 11
F 12	17 22 39	21°23'14	0♊ 7	14°47	12°50	5°21	4°11	27°46	18° 5	28°27	22°43	29°25	0°49	16°51	19°44	F 12
S 13	17 26 36	22°20'36	13°22	16°56	14° 3	6° 4	4°24	27°51	18° 9	28°29	22°42	29°19	0°46	16°57	19°49	S 13
S 14	17 30 32	23°17'57	26°54	19° 6	15°16	6°47	4°38	27°55	18°12	28°30	22°42	29°14	0°43	17° 4	19°54	S 14
M15	17 34 29	24°15'18	10♋41	21°17	16°29	7°29	4°51	28° 0	18°15	28°31	22°41	29°11	0°40	17°11	19°59	M15
T 16	17 38 25	25°12'38	24°40	23°29	17°42	8°12	5° 5	28° 4	18°19	28°33	22°41	29°D10	0°36	17°17	20° 4	T 16
W17	17 42 22	26° 9'58	8♌46	25°41	18°55	8°54	5°18	28° 9	18°22	28°34	22°40	29°10	0°33	17°24	20° 9	W17
T 18	17 46 18	27° 7'16	22°58	27°53	20° 8	9°37	5°32	28°14	18°26	28°36	22°39	29°11	0°30	17°31	20°14	T 18
F 19	17 50 15	28° 4'34	7♍12	0♋ 4	21°21	10°19	5°45	28°19	18°29	28°37	22°39	29°13	0°27	17°37	20°19	F 19
S 20	17 54 12	29° 1'51	21°26	2°15	22°34	11° 1	5°59	28°24	18°33	28°38	22°38	29°14	0°24	17°44	20°24	S 20
S 21	17 58 8	29°59'06	5♎38	4°26	23°47	11°43	6°13	28°29	18°36	28°40	22°37	29°R14	0°21	17°51	20°30	S 21
M22	18 2 5	0♋56'22	19°45	6°35	25° 0	12°25	6°26	28°34	18°40	28°41	22°37	29°13	0°17	17°57	20°35	M22
T 23	18 6 1	1°53'36	3♏46	8°43	26°12	13° 7	6°40	28°39	18°43	28°42	22°36	29°10	0°14	18° 4	20°40	T 23
W24	18 9 58	2°50'50	17°38	10°49	27°25	13°49	6°54	28°45	18°47	28°44	22°35	29° 7	0°11	18°11	20°45	W24
T 25	18 13 54	3°48'03	1♐19	12°54	28°38	14°31	7° 7	28°50	18°50	28°45	22°34	29° 3	0° 8	18°17	20°50	T 25
F 26	18 17 51	4°45'16	14°47	14°57	29°51	15°13	7°21	28°56	18°54	28°46	22°34	29° 0	0° 5	18°24	20°55	F 26
S 27	18 21 47	5°42'29	28° 0	16°59	1♌ 3	15°54	7°35	29° 1	18°57	28°47	22°33	28°57	0° 1	18°31	21° 0	S 27
S 28	18 25 44	6°39'41	10♉58	18°58	2°16	16°36	7°48	29° 7	19° 1	28°48	22°32	28°55	29♋58	18°38	21° 5	S 28
M29	18 29 41	7°36'53	23°40	20°56	3°29	17°17	8° 2	29°12	19° 5	28°49	22°31	28°D54	29°55	18°44	21°10	M29
T 30	18 33 37	8♋34'05	6♒ 6	22♋51	4♌41	17♈59	8♋15	29♌18	19♋ 8	28♈50	22♒30	28♋54	29♋52	18♓51	21♊15	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	22n 4	21s16	1n17	16n46	1s49	24n24	0n58	2s51	1s59	23n19	0s 6	13n56	1n32	22n43	0n26	9n16	1s40	22s23	8s58	20n11	19n51	8s59	18n 4	4s55
T 2	22 12	20 24	0 9	17 22	1 39	24 26	1 0	2 34	2 0	23 19	0 6	13 55	1 32	22 42	0 26	9 16	1 40	22 23	8 59	20 11	19 51	8 57	18 4	4 55
W 3	22 19	18 33	0s57	17 57	1 29	24 27	1 2	2 17	2 1	23 19	0 6	13 54	1 32	22 42	0 26	9 17	1 40	22 23	8 59	20 11	19 52	8 55	18 4	4 55
T 4	22 27	15 55	1 59	18 32	1 19	24 28	1 4	2 1	2 1	23 19	0 6	13 52	1 32	22 41	0 26	9 17	1 40	22 24	8 59	20 11	19 53	8 53	18 5	4 55
F 5	22 33	12 39	2 56	19 7	1 9	24 28	1 6	1 44	2 2	23 19	0 5	13 51	1 32	22 41	0 26	9 18	1 40	22 24	9 0	20 11	19 53	8 51	18 5	4 55
S 6	22 40	8 54	3 45	19 41	0 58	24 27	1 8	1 27	2 3	23 19	0 5	13 50	1 32	22 41	0 26	9 18	1 40	22 25	9 0	20 11	19 54	8 49	18 5	4 55
S 7	22 46	4 48	4 24	20 14	0 47	24 25	1 10	1 11	2 3	23 19	0 5	13 48	1 32	22 40	0 26	9 19	1 40	22 25	9 0	20 11	19 55	8 47	18 6	4 55
M 8	22 51	0 30	4 52	20 46	0 36	24 23	1 12	0 54	2 4	23 18	0 5	13 47	1 32	22 40	0 26	9 20	1 40	22 25	9 0	20 11	19 55	8 45	18 6	4 55
T 9	22 56	3n52	5 7	21 17	0 25	24 20	1 13	0 38	2 4	23 18	0 5	13 45	1 32	22 39	0 26	9 20	1 40	22 26	9 1	20 12	19 56	8 43	18 6	4 55
W10	23 1	8 10	5 9	21 47	0 15	24 17	1 15	0 21	2 5	23 18	0 5	13 44	1 32	22 39	0 26	9 21	1 40	22 26	9 1	20 13	19 57	8 41	18 7	4 55
T 11	23 5	12 14	4 55	22 15	0 4	24 12	1 17	0 5	2 6	23 18	0 5	13 42	1 31	22 38	0 26	9 21	1 40	22 27	9 1	20 15	19 57	8 39	18 7	4 56
F 12	23 9	15 49	4 27	22 41	0n 7	24 7	1 19	0n12	2 6	23 17	0 5	13 41	1 31	22 38	0 26	9 22	1 40	22 27	9 2	20 16	19 58	8 36	18 7	4 56
S 13	23 13	18 42	3 43	23 5	0 18	24 1	1 20	0 28	2 7	23 17	0 5	13 39	1 31	22 38	0 26	9 22	1 40	22 27	9 2	20 17	19 59	8 34	18 8	4 56
S 14	23 16	20 37	2 47	23 27	0 28	23 55	1 22	0 44	2 7	23 17	0 5	13 37	1 31	22 37	0 26	9 23	1 40	22 28	9 2	20 18	20 0	8 32	18 8	4 56
M15	23 18	21 21	1 39	23 47	0 38	23 48	1 23	1 1	2 8	23 16	0 4	13 36	1 31	22 37	0 26	9 23	1 40	22 28	9 2	20 19	20 0	8 30	18 8	4 56
T 16	23 21	20 47	0 25	24 4	0 48	23 40	1 25	1 17	2 8	23 16	0 4	13 34	1 31	22 36	0 26	9 23	1 40	22 29	9 3	20 19	20 1	8 28	18 8	4 56
W17	23 23	18 54	0n52	24 18	0 57	23 31	1 26	1 33	2 9	23 15	0 4	13 32	1 31	22 36	0 26	9 24	1 40	22 29	9 3	20 19	20 2	8 26	18 9	4 56
T 18	23 24	15 51	2 7	24 30	1 5	23 22	1 28	1 49	2 9	23 15	0 4	13 30	1 31	22 35	0 26	9 24	1 40	22 30	9 3	20 19	20 2	8 24	18 9	4 56
F 19	23 25	11 51	3 13	24 39	1 13	23 12	1 29	2 6	2 10	23 14	0 4	13 29	1 31	22 35	0 26	9 25	1 41	22 30	9 3	20 19	20 3	8 22	18 9	4 56
S 20	23 26	7 11	4 8	24 45	1 21	23 2	1 30	2 22	2 10	23 14	0 4	13 27	1 31	22 34	0 26	9 25	1 41	22 31	9 4	20 18	20 4	8 20	18 9	4 57
S 21	23 26	2 10	4 47	24 49	1 27	22 51	1 31	2 38	2 11	23 13	0 4	13 25	1 31	22 34	0 26	9 26	1 41	22 31	9 4	20 18	20 4	8 18	18 10	4 57
M22	23 26	2s57	5 9	24 49	1 33	22 39	1 33	2 54	2 11	23 13	0 4	13 23	1 31	22 33	0 26	9 26	1 41	22 32	9 4	20 19	20 5	8 16	18 10	4 57
T 23	23 25	7 52	5 12	24 47	1 39	22 26	1 34	3 9	2 12	23 12	0 4	13 21	1 31	22 33	0 26	9 26	1 41	22 32	9 4	20 19	20 6	8 14	18 10	4 57
W24	23 24	12 20	4 57	24 42	1 43	22 13	1 35	3 25	2 12	23 12	0 4	13 19	1 31	22 32	0 26	9 27	1 41	22 32	9 5	20 20	20 6	8 12	18 10	4 57
T 25	23 23	16 5	4 25	24 35	1 47	21 59	1 36	3 41	2 13	23 11	0 3	13 17	1 31	22 32	0 26	9 27	1 41	22 33	9 5	20 21	20 7	8 10	18 10	4 57
F 26	23 21	18 56	3 39	24 25	1 50	21 45	1 36	3 57	2 13	23 10	0 3	13 15	1 31	22 31	0 26	9 28	1 41	22 33	9 5	20 21	20 8	8 8	18 11	4 57
S 27	23 19	20 43	2 42	24 13	1 52	21 30	1 37	4 12	2 13	23 10	0 3	13 14	1 30	22 31	0 26	9 28	1 41	22 34	9 5	20 22	20 8	8 5	18 11	4 58
S 28	23 16	21 22	1 37	23 58	1 54	21 14	1 38	4 28	2 14	23 9	0 3	13 12	1 30	22 30	0 26	9 28	1 41	22 34	9 6	20 22	20 9	8 3	18 11	4 58
M29	23 13	20 53	0 29	23 41	1 55	20 58	1 39	4 43	2 14	23 8	0 3	13 10	1 30	22 30	0 26	9 29	1 41	22 35	9 6	20 22	20 10	8 1	18 11	4 58
T 30	23n 9	19s23	0s40	23n23	1n55	20n41	1n39	4n59	2s15	23n 8	0s 3	13n 7	1n30	22n29	0n26	9n29	1s41	22s36	9s 6	20n22	20n10	7s59	18n11	4s58

Julian Day Number = 2465210.5, Delta T = 71.12 sec
Ecliptic obliquity = 23°25'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'47, Lahiri = 24°22'47

ASTRODIENST EPHEMERIS for the year 2037
geocentric

JULY 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 34	9♋31'17	18♒19	24♋45	5♌54	18♈40	8♋29	29♌24	19♋12	28♈51	22°R29	28♋55	29♋49	18♓58	21♊20	W 1
T 2	18 41 30	10°28'29	0♓21	26°36	7° 6	19°21	8°43	29°29	19°15	28°52	22♒29	28°56	29°46	19° 4	21°25	T 2
F 3	18 45 27	11°25'40	12°16	28°26	8°19	20° 2	8°56	29°35	19°19	28°53	22°28	28°58	29°42	19°11	21°30	F 3
S 4	18 49 23	12°22'52	24° 8	0♌13	9°31	20°43	9°10	29°41	19°23	28°54	22°27	28°59	29°39	19°18	21°35	S 4
S 5	18 53 20	13°20'05	6♈ 0	1°59	10°44	21°24	9°24	29°47	19°26	28°55	22°26	29° 0	29°36	19°24	21°39	S 5
M 6	18 57 16	14°17'17	17°58	3°42	11°56	22° 4	9°37	29°53	19°30	28°56	22°25	29°R 0	29°33	19°31	21°44	M 6
T 7	19 1 13	15°14'30	0♉ 7	5°23	13° 9	22°45	9°51	29°59	19°33	28°57	22°24	28°59	29°30	19°38	21°49	T 7
W 8	19 5 10	16°11'43	12°30	7° 2	14°21	23°25	10° 4	0♍ 6	19°37	28°58	22°23	28°58	29°27	19°44	21°54	W 8
T 9	19 9 6	17° 8'56	25°12	8°39	15°33	24° 6	10°18	0°12	19°41	28°58	22°22	28°57	29°23	19°51	21°59	T 9
F 10	19 13 3	18° 6'10	8♊15	10°14	16°46	24°46	10°32	0°18	19°44	28°59	22°21	28°55	29°20	19°58	22° 4	F 10
S 11	19 16 59	19° 3'24	21°40	11°46	17°58	25°26	10°45	0°24	19°48	29° 0	22°20	28°54	29°17	20° 5	22° 8	S 11
S 12	19 20 56	20° 0'39	5♋27	13°17	19°10	26° 6	10°59	0°31	19°52	29° 1	22°19	28°53	29°14	20°11	22°13	S 12
M13	19 24 52	20°57'54	19°34	14°45	20°22	26°46	11°12	0°37	19°55	29° 1	22°17	28°53	29°11	20°18	22°18	M13
T 14	19 28 49	21°55'09	3♌56	16°12	21°35	27°25	11°26	0°44	19°59	29° 2	22°16	28°D53	29° 7	20°25	22°22	T 14
W15	19 32 46	22°52'24	18°29	17°36	22°47	28° 5	11°39	0°50	20° 3	29° 2	22°15	28°53	29° 4	20°31	22°27	W15
T 16	19 36 42	23°49'40	3♍ 7	18°58	23°59	28°44	11°53	0°57	20° 6	29° 3	22°14	28°53	29° 1	20°38	22°32	T 16
F 17	19 40 39	24°46'55	17°43	20°17	25°11	29°23	12° 6	1° 3	20°10	29° 4	22°13	28°54	28°58	20°45	22°36	F 17
S 18	19 44 35	25°44'11	2♎13	21°35	26°23	0♉ 2	12°20	1°10	20°14	29° 4	22°12	28°54	28°55	20°51	22°41	S 18
S 19	19 48 32	26°41'27	16°32	22°50	27°35	0°41	12°33	1°17	20°17	29° 4	22°11	28°54	28°52	20°58	22°45	S 19
M20	19 52 28	27°38'42	0♏37	24° 2	28°47	1°20	12°46	1°23	20°21	29° 5	22° 9	28°R54	28°48	21° 5	22°50	M20
T 21	19 56 25	28°35'59	14°28	25°12	29°59	1°58	13° 0	1°30	20°24	29° 5	22° 8	28°D54	28°45	21°11	22°54	T 21
W22	20 0 21	29°33'15	28° 3	26°20	1♏11	2°36	13°13	1°37	20°28	29° 6	22° 7	28°54	28°42	21°18	22°59	W22
T 23	20 4 18	0♌30'31	11♐22	27°25	2°23	3°15	13°26	1°44	20°32	29° 6	22° 6	28°54	28°39	21°25	23° 3	T 23
F 24	20 8 15	1°27'49	24°26	28°27	3°34	3°53	13°40	1°51	20°35	29° 6	22° 5	28°54	28°36	21°32	23° 8	F 24
S 25	20 12 11	2°25'06	7♑17	29°26	4°46	4°31	13°53	1°58	20°39	29° 7	22° 3	28°55	28°33	21°38	23°12	S 25
S 26	20 16 8	3°22'24	19°54	0♏23	5°58	5° 8	14° 6	2° 5	20°42	29° 7	22° 2	28°55	28°29	21°45	23°16	S 26
M27	20 20 4	4°19'42	2♒19	1°16	7°10	5°46	14°19	2°12	20°46	29° 7	22° 1	28°R55	28°26	21°52	23°20	M27
T 28	20 24 1	5°17'02	14°33	2° 6	8°21	6°23	14°32	2°19	20°50	29° 7	22° 0	28°55	28°23	21°58	23°25	T 28
W29	20 27 57	6°14'21	26°38	2°53	9°33	7° 0	14°46	2°26	20°53	29° 7	21°58	28°54	28°20	22° 5	23°29	W29
T 30	20 31 54	7°11'42	8♓36	3°36	10°44	7°37	14°59	2°33	20°57	29° 7	21°57	28°53	28°17	22°12	23°33	T 30
F 31	20 35 50	8♌ 9'04	20♓29	4♏16	11♏56	8♉14	15♋12	2♏40	21♋ 0	29♈ 7	21♒56	28♋52	28♋13	22♓18	23♊37	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	23n 5	17s 0	1s45	23n 2	1n54	20n24	1n40	5n14	2s15	23n 7	0s 3	13n 5	1n30	22n29	0n26	9n29	1s41	22s36	9s 6	20n22	20n11	7s57	18n11	4s58
T 2	23 1	13 55	2 45	22 40	1 53	20 6	1 40	5 29	2 15	23 6	0 3	13 3	1 30	22 28	0 26	9 30	1 41	22 37	9 7	20 22	20 12	7 55	18 11	4 58
F 3	22 56	10 18	3 37	22 17	1 51	19 48	1 40	5 44	2 16	23 5	0 3	13 1	1 30	22 28	0 26	9 30	1 41	22 37	9 7	20 22	20 12	7 53	18 12	4 59
S 4	22 51	6 18	4 20	21 52	1 48	19 29	1 41	5 59	2 16	23 4	0 3	12 59	1 30	22 27	0 26	9 30	1 41	22 38	9 7	20 21	20 13	7 51	18 12	4 59
S 5	22 46	2 5	4 51	21 25	1 45	19 9	1 41	6 14	2 16	23 4	0 3	12 57	1 30	22 27	0 26	9 30	1 41	22 38	9 7	20 21	20 14	7 49	18 12	4 59
M 6	22 40	2n16	5 10	20 58	1 41	18 49	1 41	6 29	2 17	23 3	0 2	12 55	1 30	22 26	0 26	9 31	1 41	22 39	9 7	20 21	20 14	7 47	18 12	4 59
T 7	22 34	6 34	5 16	20 29	1 37	18 29	1 41	6 44	2 17	23 2	0 2	12 53	1 30	22 26	0 26	9 31	1 42	22 39	9 8	20 21	20 15	7 44	18 12	4 59
W 8	22 27	10 42	5 8	20 0	1 32	18 8	1 41	6 58	2 17	23 1	0 2	12 50	1 30	22 25	0 26	9 31	1 42	22 40	9 8	20 22	20 16	7 42	18 12	5 0
T 9	22 20	14 28	4 44	19 29	1 27	17 46	1 41	7 13	2 17	23 0	0 2	12 48	1 30	22 25	0 26	9 31	1 42	22 40	9 8	20 22	20 16	7 40	18 12	5 0
F 10	22 13	17 38	4 5	18 58	1 21	17 25	1 41	7 27	2 18	22 59	0 2	12 46	1 30	22 24	0 26	9 32	1 42	22 41	9 8	20 22	20 17	7 38	18 12	5 0
S 11	22 5	19 59	3 12	18 26	1 14	17 2	1 40	7 42	2 18	22 58	0 2	12 44	1 30	22 24	0 26	9 32	1 42	22 41	9 9	20 22	20 18	7 36	18 12	5 0
S 12	21 57	21 13	2 6	17 54	1 7	16 39	1 40	7 56	2 18	22 57	0 2	12 41	1 30	22 23	0 26	9 32	1 42	22 42	9 9	20 23	20 18	7 34	18 12	5 1
M13	21 48	21 10	0 51	17 21	1 0	16 16	1 40	8 10	2 18	22 56	0 2	12 39	1 30	22 23	0 26	9 32	1 42	22 42	9 9	20 23	20 19	7 32	18 12	5 1
T 14	21 39	19 43	0n28	16 48	0 52	15 52	1 39	8 24	2 18	22 55	0 2	12 37	1 30	22 22	0 26	9 32	1 42	22 43	9 9	20 23	20 20	7 30	18 12	5 1
W15	21 30	16 58	1 47	16 15	0 43	15 28	1 39	8 38	2 19	22 54	0 2	12 34	1 30	22 22	0 26	9 32	1 42	22 44	9 9	20 23	20 20	7 27	18 12	5 1
T 16	21 20	13 8	2 59	15 41	0 35	15 4	1 38	8 52	2 19	22 53	0 1	12 32	1 30	22 21	0 26	9 33	1 42	22 44	9 9	20 23	20 21	7 25	18 12	5 2
F 17	21 10	8 31	3 59	15 7	0 26	14 39	1 37	9 5	2 19	22 52	0 1	12 30	1 30	22 21	0 26	9 33	1 42	22 45	9 10	20 23	20 22	7 23	18 12	5 2
S 18	20 59	3 27	4 44	14 34	0 16	14 14	1 36	9 19	2 19	22 50	0 1	12 27	1 30	22 20	0 26	9 33	1 42	22 45	9 10	20 22	20 22	7 21	18 12	5 2
S 19	20 49	1s44	5 10	14 0	0 6	13 48	1 36	9 32	2 19	22 49	0 1	12 25	1 30	22 20	0 26	9 33	1 42	22 46	9 10	20 22	20 23	7 19	18 12	5 2
M20	20 38	6 44	5 17	13 26	0s 4	13 22	1 35	9 45	2 19	22 48	0 1	12 22	1 30	22 19	0 26	9 33	1 42	22 46	9 10	20 22	20 24	7 17	18 12	5 3
T 21	20 26	11 18	5 6	12 53	0 15	12 56	1 34	9 58	2 19	22 47	0 1	12 20	1 30	22 18	0 26	9 33	1 42	22 47	9 10	20 22	20 24	7 15	18 12	5 3
W22	20 14	15 13	4 37	12 20	0 25	12 30	1 32	10 11	2 19	22 46	0 1	12 18	1 30	22 18	0 26	9 33	1 42	22 47	9 10	20 22	20 25	7 12	18 12	5 3
T 23	20 2	18 16	3 54	11 48	0 37	12 3	1 31	10 24	2 19	22 44	0 1	12 15	1 30	22 17	0 26	9 33	1 42	22 48	9 11	20 22	20 26	7 10	18 12	5 4
F 24	19 50	20 19	3 0	11 16	0 48	11 35	1 30	10 37	2 19	22 43	0 1	12 13	1 30	22 17	0 26	9 33	1 43	22 49	9 11	20 22	20 26	7 8	18 12	5 4
S 25	19 37	21 17	1 57	10 44	1 0	11 8	1 29	10 50	2 19	22 42	0 1	12 10	1 30	22 16	0 26	9 33	1 43	22 49	9 11	20 22	20 27	7 6	18 12	5 4
S 26	19 24	21 8	0 50	10 13	1 11	10 40	1 27	11 2	2 20	22 41	0 1	12 8	1 30	22 16	0 26	9 33	1 43	22 50	9 11	20 22	20 27	7 4	18 12	5 4
M27	19 10	19 57	0s19	9 43	1 23	10 12	1 26	11 15	2 19	22 39	0 0	12 5	1 30	22 15	0 26	9 33	1 43	22 50	9 11	20 22	20 28	7 2	18 12	5 5
T 28	18 57	17 50	1 26	9 14	1 36	9 44	1 24	11 27	2 19	22 38	0 0	12 3	1 30	22 15	0 26	9 33	1 43	22 51	9 11	20 22	20 29	6 59	18 11	5 5
W29	18 42	14 57	2 28	8 46	1 48	9 15	1 22	11 39	2 19	22 37	0 0	12 0	1 30	22 14	0 26	9 33	1 43	22 51	9 11	20 22	20 29	6 57	18 11	5 5
T 30	18 28	11 28	3 23	8 19	2 0	8 47	1 20	11 51	2 19	22 35	0 0	11 57	1 30	22 14	0 26	9 33	1 43	22 52	9 12	20 23	20 30	6 55	18 11	5 6
F 31	18n13	7s34	4s 8	7n53	2s13	8n18	1n19	12n 3	2s19	22n34	0s 0	11n55	1n30	22n13	0n26	9n33	1s43	22s52	9s12	20n23	20n31	6s53	18n11	5s 6

Julian Day Number = 2465240.5, Delta T = 71.15 sec
Ecliptic obliquity = 23°25'59, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'51, Lahiri = 24°22'51

ASTRODIENST EPHEMERIS for the year 2037
geocentric

AUGUST 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 47	9♌ 6'26	2♈20	4♍52	13♍ 7	8♉50	15♋25	2♍47	21♋ 4	29♈ 8	21°R55	28°R51	28♋10	22♓25	23♊41	S 1
S 2	20 43 43	10° 3'50	14°12	5°23	14°18	9°27	15°38	2°54	21° 7	29°R 8	21♒53	28♋49	28° 7	22°32	23°45	S 2
M 3	20 47 40	11° 1'15	26°10	5°51	15°30	10° 3	15°51	3° 1	21°11	29° 7	21°52	28°48	28° 4	22°39	23°49	M 3
T 4	20 51 37	11°58'40	8♉17	6°14	16°41	10°39	16° 4	3° 9	21°14	29° 7	21°51	28°D48	28° 1	22°45	23°53	T 4
W 5	20 55 33	12°56'08	20°38	6°33	17°52	11°14	16°16	3°16	21°18	29° 7	21°49	28°48	27°58	22°52	23°57	W 5
T 6	20 59 30	13°53'36	3♊17	6°47	19° 4	11°50	16°29	3°23	21°21	29° 7	21°48	28°49	27°54	22°59	24° 1	T 6
F 7	21 3 26	14°51'06	16°18	6°56	20°15	12°25	16°42	3°31	21°25	29° 7	21°47	28°50	27°51	23° 5	24° 4	F 7
S 8	21 7 23	15°48'37	29°44	6°R59	21°26	13° 0	16°55	3°38	21°28	29° 7	21°45	28°51	27°48	23°12	24° 8	S 8
S 9	21 11 19	16°46'09	13♋35	6°58	22°37	13°34	17° 7	3°45	21°31	29° 7	21°44	28°52	27°45	23°19	24°12	S 9
M10	21 15 16	17°43'42	27°52	6°51	23°48	14° 9	17°20	3°53	21°35	29° 6	21°43	28°R53	27°42	23°25	24°16	M10
T 11	21 19 13	18°41'17	12♌30	6°39	24°59	14°43	17°32	4° 0	21°38	29° 6	21°41	28°52	27°38	23°32	24°19	T 11
W12	21 23 9	19°38'53	27°24	6°22	26°10	15°17	17°45	4° 8	21°41	29° 6	21°40	28°51	27°35	23°39	24°23	W12
T 13	21 27 6	20°36'29	12♍25	5°59	27°21	15°51	17°57	4°15	21°45	29° 5	21°39	28°49	27°32	23°46	24°26	T 13
F 14	21 31 2	21°34'07	27°26	5°31	28°31	16°24	18°10	4°23	21°48	29° 5	21°37	28°46	27°29	23°52	24°30	F 14
S 15	21 34 59	22°31'46	12♎16	4°57	29°42	16°57	18°22	4°30	21°51	29° 5	21°36	28°43	27°26	23°59	24°33	S 15
S 16	21 38 55	23°29'26	26°50	4°19	0♎53	17°30	18°35	4°38	21°55	29° 4	21°35	28°40	27°23	24° 6	24°36	S 16
M17	21 42 52	24°27'07	11♏ 3	3°37	2° 3	18° 2	18°47	4°45	21°58	29° 4	21°33	28°38	27°19	24°12	24°40	M17
T 18	21 46 48	25°24'48	24°53	2°52	3°14	18°35	18°59	4°53	22° 1	29° 3	21°32	28°D38	27°16	24°19	24°43	T 18
W19	21 50 45	26°22'31	8♐21	2° 3	4°24	19° 7	19°11	5° 0	22° 4	29° 3	21°31	28°38	27°13	24°26	24°46	W19
T 20	21 54 41	27°20'15	21°27	1°12	5°35	19°38	19°23	5° 8	22° 7	29° 2	21°29	28°40	27°10	24°32	24°49	T 20
F 21	21 58 38	28°18'00	4♑16	0°20	6°45	20°10	19°35	5°15	22°10	29° 1	21°28	28°41	27° 7	24°39	24°52	F 21
S 22	22 2 35	29°15'47	16°49	29♌27	7°55	20°40	19°47	5°23	22°14	29° 1	21°27	28°43	27° 4	24°46	24°55	S 22
S 23	22 6 31	0♍13'34	29° 9	28°35	9° 5	21°11	19°59	5°30	22°17	29° 0	21°25	28°R43	27° 0	24°53	24°58	S 23
M24	22 10 28	1°11'23	11♒20	27°45	10°16	21°41	20°11	5°38	22°20	28°59	21°24	28°42	26°57	24°59	25° 1	M24
T 25	22 14 24	2° 9'13	23°23	26°58	11°26	22°11	20°22	5°46	22°23	28°59	21°23	28°40	26°54	25° 6	25° 4	T 25
W26	22 18 21	3° 7'04	5♓20	26°15	12°36	22°41	20°34	5°53	22°26	28°58	21°21	28°36	26°51	25°13	25° 7	W26
T 27	22 22 17	4° 4'57	17°13	25°37	13°45	23°10	20°45	6° 1	22°29	28°57	21°20	28°30	26°48	25°19	25° 9	T 27
F 28	22 26 14	5° 2'51	29° 5	25° 5	14°55	23°39	20°57	6° 8	22°32	28°56	21°19	28°24	26°44	25°26	25°12	F 28
S 29	22 30 10	6° 0'47	10♈56	24°39	16° 5	24° 8	21° 8	6°16	22°34	28°56	21°18	28°17	26°41	25°33	25°14	S 29
S 30	22 34 7	6°58'45	22°49	24°20	17°15	24°36	21°20	6°23	22°37	28°55	21°16	28°11	26°38	25°39	25°17	S 30
M31	22 38 4	7♍56'45	4♉48	24♌10	18♎24	25♉ 4	21♋31	6♍31	22♋40	28♈54	21♒15	28♋ 5	26♋35	25♓46	25♊19	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	17n58	3s24	4s43	7n28	2s25	7n49	1n17	12n14	2s19	22n33	0n 0	11n52	1n30	22n13	0n26	9n33	1s43	22s53	9s12	20n23	20n31	6s51	18n11	5s 6
S 2	17 43	0n54	5 6	7 5	2 38	7 19	1 15	12 26	2 19	22 31	0 0	11 50	1 30	22 12	0 26	9 33	1 43	22 53	9 12	20 23	20 32	6 49	18 11	5 7
M 3	17 28	5 11	5 16	6 43	2 50	6 50	1 12	12 37	2 19	22 30	0 0	11 47	1 30	22 12	0 26	9 33	1 43	22 54	9 12	20 24	20 33	6 46	18 11	5 7
T 4	17 12	9 20	5 12	6 24	3 3	6 20	1 10	12 49	2 19	22 28	0 0	11 44	1 30	22 11	0 26	9 33	1 43	22 55	9 12	20 24	20 33	6 44	18 10	5 7
W 5	16 56	13 11	4 54	6 5	3 15	5 50	1 8	13 0	2 19	22 27	0 0	11 42	1 30	22 11	0 26	9 33	1 43	22 55	9 12	20 24	20 34	6 42	18 10	5 8
T 6	16 39	16 32	4 21	5 49	3 26	5 20	1 6	13 11	2 19	22 26	0 1	11 39	1 30	22 10	0 26	9 33	1 43	22 56	9 12	20 24	20 35	6 40	18 10	5 8
F 7	16 23	19 11	3 34	5 36	3 38	4 50	1 3	13 22	2 18	22 24	0 1	11 37	1 30	22 9	0 26	9 33	1 43	22 56	9 12	20 23	20 35	6 38	18 10	5 9
S 8	16 6	20 52	2 34	5 24	3 49	4 20	1 1	13 32	2 18	22 23	0 1	11 34	1 30	22 9	0 26	9 33	1 43	22 57	9 13	20 23	20 36	6 35	18 10	5 9
S 9	15 48	21 21	1 23	5 15	3 59	3 49	0 58	13 43	2 18	22 21	0 1	11 31	1 30	22 8	0 26	9 32	1 44	22 57	9 13	20 23	20 36	6 33	18 9	5 9
M10	15 31	20 30	0 6	5 8	4 9	3 19	0 56	13 53	2 18	22 20	0 1	11 29	1 30	22 8	0 26	9 32	1 44	22 58	9 13	20 23	20 37	6 31	18 9	5 10
T 11	15 13	18 14	1n14	5 4	4 18	2 48	0 53	14 4	2 17	22 18	0 1	11 26	1 30	22 7	0 26	9 32	1 44	22 58	9 13	20 23	20 38	6 29	18 9	5 10
W12	14 55	14 44	2 31	5 3	4 26	2 18	0 50	14 14	2 17	22 17	0 1	11 23	1 30	22 7	0 26	9 32	1 44	22 59	9 13	20 23	20 38	6 27	18 9	5 10
T 13	14 37	10 15	3 37	5 5	4 33	1 47	0 47	14 24	2 17	22 15	0 1	11 21	1 30	22 6	0 26	9 32	1 44	22 59	9 13	20 24	20 39	6 24	18 8	5 11
F 14	14 19	5 8	4 29	5 10	4 38	1 16	0 45	14 33	2 16	22 13	0 1	11 18	1 30	22 6	0 26	9 32	1 44	23 0	9 13	20 24	20 40	6 22	18 8	5 11
S 15	14 0	0s13	5 1	5 18	4 43	0 45	0 42	14 43	2 16	22 12	0 1	11 15	1 30	22 5	0 26	9 31	1 44	23 0	9 13	20 25	20 40	6 20	18 8	5 12
S 16	13 41	5 27	5 14	5 29	4 45	0 14	0 39	14 53	2 16	22 10	0 2	11 12	1 30	22 5	0 26	9 31	1 44	23 1	9 13	20 25	20 41	6 18	18 8	5 12
M17	13 22	10 16	5 7	5 43	4 47	0s16	0 36	15 2	2 15	22 9	0 2	11 10	1 30	22 4	0 26	9 31	1 44	23 1	9 13	20 26	20 41	6 16	18 7	5 12
T 18	13 3	14 25	4 42	6 0	4 46	0 47	0 32	15 11	2 15	22 7	0 2	11 7	1 30	22 4	0 26	9 31	1 44	23 2	9 13	20 26	20 42	6 13	18 7	5 13
W19	12 43	17 43	4 2	6 19	4 44	1 18	0 29	15 20	2 15	22 6	0 2	11 4	1 30	22 3	0 26	9 31	1 44	23 2	9 13	20 26	20 43	6 11	18 7	5 13
T 20	12 24	20 0	3 10	6 41	4 40	1 49	0 26	15 29	2 14	22 4	0 2	11 2	1 30	22 3	0 26	9 30	1 44	23 3	9 13	20 25	20 43	6 9	18 6	5 14
F 21	12 4	21 12	2 10	7 5	4 33	2 20	0 23	15 38	2 14	22 2	0 2	10 59	1 30	22 2	0 26	9 30	1 44	23 3	9 13	20 25	20 44	6 7	18 6	5 14
S 22	11 44	21 18	1 5	7 31	4 25	2 51	0 19	15 47	2 13	22 1	0 2	10 56	1 30	22 2	0 26	9 30	1 44	23 4	9 13	20 25	20 44	6 4	18 6	5 15
S 23	11 23	20 22	0s 2	7 58	4 16	3 22	0 16	15 55	2 13	21 59	0 2	10 53	1 30	22 1	0 26	9 29	1 44	23 4	9 13	20 25	20 45	6 2	18 5	5 15
M24	11 3	18 28	1 8	8 26	4 4	3 53	0 12	16 3	2 12	21 57	0 2	10 51	1 30	22 1	0 26	9 29	1 44	23 5	9 13	20 25	20 46	6 0	18 5	5 15
T 25	10 42	15 47	2 11	8 54	3 51	4 23	0 9	16 12	2 12	21 56	0 2	10 48	1 30	22 1	0 26	9 29	1 44	23 5	9 13	20 25	20 46	5 58	18 5	5 16
W26	10 22	12 27	3 6	9 22	3 36	4 54	0 5	16 20	2 11	21 54	0 3	10 45	1 30	22 0	0 26	9 29	1 44	23 5	9 13	20 26	20 47	5 56	18 4	5 16
T 27	10 1	8 38	3 54	9 50	3 20	5 24	0 1	16 27	2 10	21 53	0 3	10 42	1 30	22 0	0 26	9 28	1 45	23 6	9 13	20 27	20 48	5 53	18 4	5 17
F 28	9 39	4 30	4 31	10 16	3 4	5 55	0s 2	16 35	2 10	21 51	0 3	10 40	1 30	21 59	0 26	9 28	1 45	23 6	9 13	20 29	20 48	5 51	18 4	5 17
S 29	9 18	0 13	4 56	10 42	2 46	6 25	0 6	16 43	2 9	21 49	0 3	10 37	1 31	21 59	0 26	9 28	1 45	23 7	9 13	20 30	20 49	5 49	18 3	5 18
S 30	8 57	4n 6	5 8	11 5	2 28	6 55	0 10	16 50	2 8	21 48	0 3	10 34	1 31	21 58	0 26	9 27	1 45	23 7	9 13	20 31	20 49	5 47	18 3	5 18
M31	8n35	8n17	5s 8	11n26	2s 9	7s25	0s14	16n58	2s 8	21n46	0n 3	10n31	1n31	21n58	0n26	9n27	1s45	23s 8	9s13	20n32	20n50	5s44	18n 3	5s19

Julian Day Number = 2465271.5, Delta T = 71.17 sec
Ecliptic obliquity = 23°25'59, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'55, Lahiri = 24°22'56

ASTRODIENST EPHEMERIS for the year 2037
geocentric

SEPTEMBER 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 0	8♍54'46	16♉54	24°D 7	19♎34	25♉31	21♋42	6♍39	22♋43	28°R53	21°R14	28°R 1	26♋32	25♓53	25♊22	T 1
W 2	22 45 57	9°52'49	29°13	24♌12	20°43	25°58	21°53	6°46	22°46	28♈52	21♒13	27♋59	26°29	26° 0	25°24	W 2
T 3	22 49 53	10°50'55	11♊48	24°26	21°52	26°25	22° 4	6°54	22°48	28°51	21°11	27°D58	26°25	26° 6	25°26	T 3
F 4	22 53 50	11°49'02	24°43	24°49	23° 2	26°51	22°15	7° 1	22°51	28°50	21°10	27°59	26°22	26°13	25°29	F 4
S 5	22 57 46	12°47'11	8♋ 3	25°20	24°11	27°17	22°26	7° 9	22°54	28°49	21° 9	28° 0	26°19	26°20	25°31	S 5
S 6	23 1 43	13°45'23	21°49	25°59	25°20	27°42	22°37	7°17	22°56	28°48	21° 8	28°R 1	26°16	26°26	25°33	S 6
M 7	23 5 39	14°43'36	6♌ 3	26°47	26°29	28° 7	22°47	7°24	22°59	28°47	21° 6	28° 1	26°13	26°33	25°35	M 7
T 8	23 9 36	15°41'51	20°43	27°42	27°38	28°31	22°58	7°32	23° 2	28°46	21° 5	27°59	26°10	26°40	25°37	T 8
W 9	23 13 33	16°40'08	5♍44	28°44	28°47	28°55	23° 9	7°39	23° 4	28°45	21° 4	27°55	26° 6	26°46	25°38	W 9
T 10	23 17 29	17°38'27	20°58	29°53	29°55	29°18	23°19	7°47	23° 7	28°43	21° 3	27°49	26° 3	26°53	25°40	T 10
F 11	23 21 26	18°36'47	6♎14	1♍ 9	1♏ 4	29°41	23°29	7°54	23° 9	28°42	21° 2	27°41	26° 0	27° 0	25°42	F 11
S 12	23 25 22	19°35'09	21°23	2°30	2°12	0♊ 3	23°39	8° 2	23°11	28°41	21° 1	27°33	25°57	27° 7	25°44	S 12
S 13	23 29 19	20°33'33	6♏13	3°56	3°21	0°25	23°49	8° 9	23°14	28°40	20°59	27°26	25°54	27°13	25°45	S 13
M14	23 33 15	21°31'59	20°38	5°27	4°29	0°46	23°59	8°17	23°16	28°39	20°58	27°21	25°50	27°20	25°47	M14
T 15	23 37 12	22°30'26	4♐36	7° 3	5°37	1° 7	24° 9	8°24	23°18	28°37	20°57	27°17	25°47	27°27	25°48	T 15
W16	23 41 8	23°28'55	18° 6	8°41	6°45	1°27	24°19	8°32	23°21	28°36	20°56	27°D16	25°44	27°33	25°49	W16
T 17	23 45 5	24°27'25	1♑ 9	10°23	7°53	1°47	24°29	8°39	23°23	28°35	20°55	27°16	25°41	27°40	25°51	T 17
F 18	23 49 2	25°25'57	13°51	12° 7	9° 1	2° 6	24°38	8°47	23°25	28°33	20°54	27°17	25°38	27°47	25°52	F 18
S 19	23 52 58	26°24'30	26°14	13°54	10° 9	2°24	24°48	8°54	23°27	28°32	20°53	27°R17	25°35	27°54	25°53	S 19
S 20	23 56 55	27°23'06	8♒25	15°41	11°17	2°42	24°57	9° 1	23°29	28°31	20°52	27°16	25°31	28° 0	25°54	S 20
M21	0 0 51	28°21'43	20°26	17°30	12°24	2°59	25° 6	9° 9	23°31	28°29	20°51	27°14	25°28	28° 7	25°55	M21
T 22	0 4 48	29°20'21	2♓21	19°20	13°31	3°16	25°15	9°16	23°33	28°28	20°50	27° 8	25°25	28°14	25°56	T 22
W23	0 8 44	0♎19'02	14°13	21°11	14°39	3°32	25°24	9°23	23°35	28°26	20°49	27° 1	25°22	28°20	25°57	W23
T 24	0 12 41	1°17'44	26° 4	23° 1	15°46	3°47	25°33	9°30	23°37	28°25	20°48	26°50	25°19	28°27	25°58	T 24
F 25	0 16 37	2°16'28	7♈56	24°52	16°52	4° 2	25°42	9°38	23°39	28°24	20°47	26°38	25°15	28°34	25°58	F 25
S 26	0 20 34	3°15'15	19°51	26°43	17°59	4°15	25°51	9°45	23°40	28°22	20°46	26°26	25°12	28°40	25°59	S 26
S 27	0 24 30	4°14'03	1♉49	28°33	19° 6	4°29	25°59	9°52	23°42	28°21	20°45	26°13	25° 9	28°47	25°59	S 27
M28	0 28 27	5°12'53	13°53	0♎23	20°12	4°41	26° 8	9°59	23°44	28°19	20°44	26° 3	25° 6	28°54	26° 0	M28
T 29	0 32 24	6°11'46	26° 4	2°12	21°19	4°53	26°16	10° 6	23°46	28°18	20°44	25°54	25° 3	29° 1	26° 0	T 29
W30	0 36 20	7♎10'41	8♊25	4♎ 1	22♏25	5♊ 4	26♋24	10♍13	23♋47	28♈16	20♒43	25♋48	25♋ 0	29♓ 7	26♊ 1	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	8n14	12n12	4s53	11n45	1s50	7s55	0s18	17n 5	2s 7	21n44	0n 3	10n29	1n31	21n57	0n26	9n26	1s45	23s 8	9s13	20n33	20n51	5s42	18n 2	5s19
W 2	7 52	15 40	4 25	12 1	1 31	8 25	0 22	17 12	2 6	21 43	0 3	10 26	1 31	21 57	0 27	9 26	1 45	23 8	9 13	20 34	20 51	5 40	18 2	5 20
T 3	7 30	18 30	3 44	12 13	1 13	8 55	0 26	17 19	2 6	21 41	0 3	10 23	1 31	21 56	0 27	9 26	1 45	23 9	9 13	20 34	20 52	5 38	18 1	5 20
F 4	7 8	20 30	2 50	12 23	0 55	9 24	0 30	17 25	2 5	21 39	0 4	10 20	1 31	21 56	0 27	9 25	1 45	23 9	9 13	20 34	20 52	5 35	18 1	5 20
S 5	6 46	21 26	1 46	12 29	0 37	9 54	0 34	17 32	2 4	21 38	0 4	10 18	1 31	21 56	0 27	9 25	1 45	23 10	9 13	20 33	20 53	5 33	18 1	5 21
S 6	6 23	21 7	0 33	12 32	0 21	10 23	0 38	17 39	2 3	21 36	0 4	10 15	1 31	21 55	0 27	9 24	1 45	23 10	9 13	20 33	20 54	5 31	18 0	5 21
M 7	6 1	19 27	0n43	12 31	0 5	10 52	0 42	17 45	2 2	21 34	0 4	10 12	1 31	21 55	0 27	9 24	1 45	23 10	9 13	20 33	20 54	5 29	18 0	5 22
T 8	5 38	16 28	1 59	12 26	0n10	11 20	0 46	17 51	2 1	21 33	0 4	10 9	1 31	21 54	0 27	9 24	1 45	23 11	9 13	20 34	20 55	5 26	17 59	5 22
W 9	5 16	12 20	3 9	12 18	0 25	11 49	0 50	17 57	2 0	21 31	0 4	10 7	1 31	21 54	0 27	9 23	1 45	23 11	9 13	20 34	20 55	5 24	17 59	5 23
T 10	4 53	7 21	4 6	12 6	0 38	12 17	0 54	18 3	1 59	21 29	0 4	10 4	1 31	21 54	0 27	9 23	1 45	23 11	9 13	20 36	20 56	5 22	17 59	5 23
F 11	4 30	1 54	4 45	11 50	0 50	12 45	0 58	18 9	1 58	21 28	0 4	10 1	1 32	21 53	0 27	9 22	1 45	23 12	9 13	20 37	20 57	5 19	17 58	5 24
S 12	4 7	3s37	5 5	11 32	1 1	13 13	1 2	18 15	1 57	21 26	0 4	9 58	1 32	21 53	0 27	9 22	1 45	23 12	9 13	20 39	20 57	5 17	17 58	5 24
S 13	3 44	8 49	5 3	11 9	1 10	13 40	1 7	18 20	1 56	21 25	0 5	9 56	1 32	21 53	0 27	9 21	1 45	23 12	9 13	20 40	20 58	5 15	17 57	5 25
M14	3 21	13 23	4 42	10 44	1 19	14 8	1 11	18 26	1 55	21 23	0 5	9 53	1 32	21 52	0 27	9 21	1 45	23 13	9 13	20 41	20 58	5 13	17 57	5 25
T 15	2 58	17 3	4 4	10 16	1 27	14 34	1 15	18 31	1 54	21 21	0 5	9 50	1 32	21 52	0 27	9 20	1 45	23 13	9 13	20 42	20 59	5 10	17 56	5 26
W16	2 35	19 41	3 14	9 45	1 33	15 1	1 19	18 36	1 53	21 20	0 5	9 48	1 32	21 51	0 27	9 20	1 45	23 13	9 13	20 42	21 0	5 8	17 56	5 26
T 17	2 12	21 10	2 15	9 11	1 38	15 27	1 24	18 41	1 52	21 18	0 5	9 45	1 32	21 51	0 27	9 19	1 45	23 14	9 13	20 42	21 0	5 6	17 55	5 27
F 18	1 49	21 32	1 11	8 36	1 43	15 53	1 28	18 46	1 51	21 17	0 5	9 42	1 32	21 51	0 27	9 19	1 46	23 14	9 13	20 42	21 1	5 4	17 55	5 27
S 19	1 26	20 48	0 6	7 58	1 46	16 19	1 32	18 51	1 49	21 15	0 5	9 39	1 32	21 50	0 27	9 18	1 46	23 14	9 13	20 42	21 1	5 1	17 54	5 28
S 20	1 2	19 7	0s59	7 18	1 48	16 44	1 36	18 56	1 48	21 13	0 5	9 37	1 32	21 50	0 27	9 18	1 46	23 14	9 12	20 42	21 2	4 59	17 54	5 28
M21	0 39	16 35	2 0	6 37	1 50	17 9	1 41	19 0	1 47	21 12	0 5	9 34	1 33	21 50	0 27	9 17	1 46	23 15	9 12	20 43	21 2	4 57	17 54	5 29
T 22	0 16	13 22	2 56	5 55	1 51	17 34	1 45	19 5	1 45	21 10	0 6	9 31	1 33	21 49	0 27	9 17	1 46	23 15	9 12	20 44	21 3	4 54	17 53	5 29
W23	0s 8	9 38	3 43	5 11	1 51	17 58	1 49	19 9	1 44	21 9	0 6	9 29	1 33	21 49	0 27	9 16	1 46	23 15	9 12	20 45	21 4	4 52	17 53	5 30
T 24	0 31	5 32	4 20	4 27	1 50	18 22	1 53	19 13	1 43	21 7	0 6	9 26	1 33	21 49	0 27	9 16	1 46	23 15	9 12	20 47	21 4	4 50	17 52	5 30
F 25	0 54	1 14	4 46	3 42	1 48	18 45	1 58	19 18	1 41	21 6	0 6	9 24	1 33	21 49	0 27	9 15	1 46	23 15	9 12	20 49	21 5	4 47	17 52	5 31
S 26	1 18	3n 8	5 0	2 56	1 46	19 8	2 2	19 22	1 40	21 4	0 6	9 21	1 33	21 48	0 27	9 15	1 46	23 16	9 12	20 52	21 5	4 45	17 51	5 31
S 27	1 41	7 24	5 0	2 10	1 44	19 31	2 6	19 26	1 38	21 3	0 6	9 18	1 33	21 48	0 27	9 14	1 46	23 16	9 12	20 54	21 6	4 43	17 51	5 32
M28	2 4	11 25	4 48	1 23	1 41	19 53	2 10	19 29	1 36	21 1	0 6	9 16	1 33	21 48	0 27	9 14	1 46	23 16	9 12	20 56	21 7	4 41	17 50	5 32
T 29	2 28	15 1	4 22	0 36	1 37	20 15	2 14	19 33	1 35	21 0	0 6	9 13	1 34	21 48	0 27	9 13	1 46	23 16	9 12	20 58	21 7	4 38	17 50	5 33
W30	2s51	18n 2	3s43	0s10	1n33	20s36	2s18	19n37	1s33	20n59	0n 7	9n11	1n34	21n47	0n27	9n12	1s46	23s16	9s11	20n59	21n 8	4s36	17n49	5s33

Julian Day Number = 2465302.5, Delta T = 71.19 sec
Ecliptic obliquity = 23°26'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°15'59, Lahiri = 24°23'00

ASTRODIENST EPHEMERIS for the year 2037
geocentric

OCTOBER 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 17	8♎ 9'38	20♊59	5♎49	23♏31	5♊15	26♋32	10♍20	23♋49	28°R14	20°R42	25°R44	24♋56	29♓14	26♊ 1	T 1
F 2	0 44 13	9° 8'38	3♋51	7°37	24°36	5°24	26°40	10°27	23°50	28♈13	20♒41	25♋43	24°53	29°21	26° 1	F 2
S 3	0 48 10	10° 7'39	17° 3	9°24	25°42	5°33	26°48	10°34	23°52	28°11	20°40	25°D43	24°50	29°27	26° 1	S 3
S 4	0 52 6	11° 6'44	0♌40	11° 9	26°47	5°41	26°55	10°41	23°53	28°10	20°40	25°R43	24°47	29°34	26°R 1	S 4
M 5	0 56 3	12° 5'50	14°42	12°55	27°53	5°48	27° 3	10°48	23°54	28° 8	20°39	25°42	24°44	29°41	26° 1	M 5
T 6	0 59 59	13° 4'59	29°12	14°39	28°58	5°55	27°10	10°55	23°56	28° 7	20°38	25°39	24°41	29°48	26° 1	T 6
W 7	1 3 56	14° 4'10	14♍ 4	16°23	0♐ 3	6° 0	27°17	11° 2	23°57	28° 5	20°37	25°33	24°37	29°54	26° 1	W 7
T 8	1 7 53	15° 3'23	29°14	18° 5	1° 7	6° 5	27°24	11° 9	23°58	28° 3	20°37	25°24	24°34	0♈ 1	26° 0	T 8
F 9	1 11 49	16° 2'38	14♎31	19°47	2°12	6° 9	27°31	11°15	23°59	28° 2	20°36	25°13	24°31	0° 8	26° 0	F 9
S 10	1 15 46	17° 1'55	29°44	21°29	3°16	6°12	27°38	11°22	24° 0	28° 0	20°35	25° 2	24°28	0°14	25°59	S 10
S 11	1 19 42	18° 1'15	14♏42	23° 9	4°20	6°14	27°44	11°29	24° 1	27°58	20°35	24°51	24°25	0°21	25°59	S 11
M12	1 23 39	19° 0'36	29°17	24°49	5°24	6°15	27°51	11°35	24° 2	27°57	20°34	24°43	24°21	0°28	25°58	M12
T 13	1 27 35	19°59'59	13♐24	26°28	6°27	6°R16	27°57	11°42	24° 3	27°55	20°34	24°36	24°18	0°34	25°58	T 13
W14	1 31 32	20°59'24	27° 0	28° 6	7°31	6°15	28° 3	11°48	24° 4	27°53	20°33	24°33	24°15	0°41	25°57	W14
T 15	1 35 28	21°58'51	10♑ 8	29°43	8°34	6°14	28° 9	11°55	24° 5	27°52	20°33	24°31	24°12	0°48	25°56	T 15
F 16	1 39 25	22°58'19	22°51	1♏20	9°36	6°12	28°15	12° 1	24° 6	27°50	20°32	24°31	24° 9	0°55	25°55	F 16
S 17	1 43 22	23°57'49	5♒13	2°56	10°39	6° 9	28°20	12° 7	24° 7	27°48	20°32	24°31	24° 6	1° 1	25°54	S 17
S 18	1 47 18	24°57'21	17°21	4°32	11°41	6° 5	28°26	12°14	24° 7	27°47	20°31	24°29	24° 2	1° 8	25°53	S 18
M19	1 51 15	25°56'54	29°18	6° 7	12°43	6° 0	28°31	12°20	24° 8	27°45	20°31	24°26	23°59	1°15	25°52	M19
T 20	1 55 11	26°56'30	11♓10	7°41	13°45	5°54	28°36	12°26	24° 9	27°43	20°30	24°20	23°56	1°21	25°51	T 20
W21	1 59 8	27°56'07	23° 0	9°14	14°46	5°47	28°41	12°32	24° 9	27°42	20°30	24°11	23°53	1°28	25°49	W21
T 22	2 3 4	28°55'46	4♈52	10°47	15°47	5°40	28°46	12°38	24°10	27°40	20°30	23°59	23°50	1°35	25°48	T 22
F 23	2 7 1	29°55'27	16°47	12°20	16°47	5°31	28°51	12°44	24°10	27°38	20°29	23°46	23°46	1°42	25°47	F 23
S 24	2 10 57	0♏55'09	28°48	13°52	17°47	5°22	28°55	12°50	24°10	27°37	20°29	23°31	23°43	1°48	25°45	S 24
S 25	2 14 54	1°54'54	10♉55	15°23	18°47	5°12	29° 0	12°56	24°11	27°35	20°29	23°17	23°40	1°55	25°44	S 25
M26	2 18 51	2°54'41	23° 9	16°54	19°47	5° 1	29° 4	13° 2	24°11	27°33	20°29	23° 5	23°37	2° 2	25°42	M26
T 27	2 22 47	3°54'30	5♊31	18°24	20°46	4°49	29° 8	13° 8	24°11	27°32	20°29	22°54	23°34	2° 8	25°40	T 27
W28	2 26 44	4°54'21	18° 3	19°54	21°45	4°36	29°11	13°13	24°11	27°30	20°28	22°47	23°31	2°15	25°38	W28
T 29	2 30 40	5°54'14	0♋46	21°23	22°43	4°23	29°15	13°19	24°11	27°28	20°28	22°43	23°27	2°22	25°37	T 29
F 30	2 34 37	6°54'09	13°42	22°51	23°41	4° 8	29°18	13°24	24°R11	27°27	20°28	22°41	23°24	2°29	25°35	F 30
S 31	2 38 33	7♏54'07	26♋55	24♏19	24♐38	3♊53	29♋22	13♍30	24♋11	27♈25	20♒28	22°D41	23♋21	2♈35	25♊33	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	3s14	20n15	2s53	0s57	1n29	20s57	2s22	19n40	1s31	20n57	0n 7	9n 8	1n34	21n47	0n27	9n12	1s46	23s17	9s11	20n59	21n 8	4s34	17n49	5s34
F 2	3 37	21 29	1 53	1 44	1 24	21 17	2 26	19 44	1 30	20 56	0 7	9 6	1 34	21 47	0 27	9 11	1 46	23 17	9 11	21 0	21 9	4 31	17 48	5 34
S 3	4 1	21 35	0 46	2 31	1 19	21 37	2 30	19 47	1 28	20 54	0 7	9 3	1 34	21 47	0 27	9 11	1 46	23 17	9 11	21 0	21 9	4 29	17 48	5 35
S 4	4 24	20 26	0n26	3 17	1 14	21 56	2 34	19 50	1 26	20 53	0 7	9 1	1 34	21 46	0 27	9 10	1 46	23 17	9 11	21 0	21 10	4 27	17 47	5 35
M 5	4 47	17 59	1 39	4 3	1 8	22 15	2 38	19 53	1 24	20 52	0 7	8 58	1 34	21 46	0 27	9 10	1 46	23 17	9 11	21 0	21 10	4 24	17 47	5 36
T 6	5 10	14 22	2 47	4 49	1 2	22 33	2 42	19 56	1 22	20 50	0 7	8 56	1 34	21 46	0 27	9 9	1 46	23 17	9 11	21 1	21 11	4 22	17 46	5 36
W 7	5 33	9 45	3 46	5 34	0 56	22 51	2 46	19 59	1 20	20 49	0 8	8 53	1 35	21 46	0 28	9 8	1 46	23 17	9 10	21 2	21 12	4 20	17 46	5 37
T 8	5 56	4 26	4 30	6 19	0 50	23 9	2 50	20 2	1 18	20 48	0 8	8 51	1 35	21 46	0 28	9 8	1 46	23 17	9 10	21 3	21 12	4 17	17 45	5 37
F 9	6 19	1s11	4 55	7 4	0 44	23 26	2 53	20 5	1 16	20 47	0 8	8 48	1 35	21 45	0 28	9 7	1 46	23 17	9 10	21 5	21 13	4 15	17 45	5 38
S 10	6 41	6 42	4 59	7 48	0 37	23 42	2 57	20 7	1 14	20 46	0 8	8 46	1 35	21 45	0 28	9 7	1 46	23 18	9 10	21 7	21 13	4 13	17 44	5 39
S 11	7 4	11 44	4 43	8 31	0 31	23 58	3 0	20 10	1 12	20 44	0 8	8 44	1 35	21 45	0 28	9 6	1 46	23 18	9 10	21 9	21 14	4 10	17 43	5 39
M12	7 27	15 57	4 8	9 14	0 24	24 13	3 4	20 12	1 9	20 43	0 8	8 41	1 35	21 45	0 28	9 5	1 46	23 18	9 10	21 11	21 14	4 8	17 43	5 40
T 13	7 49	19 7	3 19	9 56	0 18	24 27	3 7	20 15	1 7	20 42	0 8	8 39	1 36	21 45	0 28	9 5	1 46	23 18	9 10	21 12	21 15	4 6	17 42	5 40
W14	8 11	21 4	2 20	10 38	0 11	24 42	3 11	20 17	1 5	20 41	0 8	8 36	1 36	21 45	0 28	9 4	1 46	23 18	9 9	21 12	21 16	4 3	17 42	5 41
T 15	8 34	21 48	1 15	11 19	0 4	24 55	3 14	20 19	1 3	20 40	0 9	8 34	1 36	21 45	0 28	9 4	1 46	23 18	9 9	21 13	21 16	4 1	17 41	5 41
F 16	8 56	21 21	0 9	11 59	0s 3	25 8	3 17	20 21	1 0	20 39	0 9	8 32	1 36	21 45	0 28	9 3	1 46	23 18	9 9	21 13	21 17	3 59	17 41	5 42
S 17	9 18	19 52	0s56	12 38	0 10	25 21	3 20	20 23	0 58	20 38	0 9	8 30	1 36	21 44	0 28	9 2	1 46	23 18	9 9	21 13	21 17	3 56	17 40	5 42
S 18	9 40	17 30	1 58	13 17	0 17	25 32	3 23	20 25	0 55	20 37	0 9	8 27	1 36	21 44	0 28	9 2	1 46	23 18	9 9	21 13	21 18	3 54	17 40	5 42
M19	10 1	14 25	2 53	13 56	0 24	25 44	3 26	20 26	0 53	20 36	0 9	8 25	1 37	21 44	0 28	9 1	1 46	23 18	9 9	21 14	21 18	3 52	17 39	5 43
T 20	10 23	10 46	3 40	14 33	0 30	25 54	3 29	20 28	0 50	20 35	0 9	8 23	1 37	21 44	0 28	9 1	1 46	23 18	9 8	21 15	21 19	3 49	17 39	5 43
W21	10 44	6 43	4 17	15 9	0 37	26 4	3 32	20 29	0 47	20 34	0 9	8 21	1 37	21 44	0 28	9 0	1 46	23 18	9 8	21 16	21 19	3 47	17 38	5 44
T 22	11 5	2 24	4 43	15 45	0 44	26 14	3 34	20 31	0 45	20 33	0 10	8 19	1 37	21 44	0 28	8 59	1 46	23 18	9 8	21 18	21 20	3 45	17 38	5 44
F 23	11 27	2n 1	4 57	16 20	0 51	26 23	3 37	20 32	0 42	20 33	0 10	8 17	1 37	21 44	0 28	8 59	1 46	23 18	9 8	21 21	21 21	3 42	17 37	5 45
S 24	11 47	6 23	4 58	16 54	0 57	26 31	3 39	20 33	0 39	20 32	0 10	8 14	1 37	21 44	0 28	8 58	1 46	23 18	9 8	21 23	21 21	3 40	17 37	5 45
S 25	12 8	10 34	4 46	17 28	1 4	26 38	3 42	20 34	0 36	20 31	0 10	8 12	1 38	21 44	0 28	8 58	1 46	23 17	9 8	21 26	21 22	3 37	17 36	5 46
M26	12 29	14 21	4 20	18 0	1 10	26 46	3 44	20 35	0 33	20 30	0 10	8 10	1 38	21 44	0 28	8 57	1 46	23 17	9 7	21 28	21 22	3 35	17 36	5 46
T 27	12 49	17 35	3 42	18 32	1 17	26 52	3 46	20 36	0 30	20 30	0 10	8 8	1 38	21 44	0 28	8 56	1 46	23 17	9 7	21 29	21 23	3 33	17 35	5 47
W28	13 9	20 2	2 52	19 2	1 23	26 58	3 48	20 36	0 27	20 29	0 10	8 6	1 38	21 44	0 28	8 56	1 46	23 17	9 7	21 31	21 23	3 30	17 35	5 47
T 29	13 29	21 33	1 53	19 32	1 29	27 3	3 49	20 37	0 24	20 29	0 11	8 4	1 38	21 44	0 28	8 55	1 46	23 17	9 7	21 31	21 24	3 28	17 34	5 48
F 30	13 49	21 57	0 47	20 1	1 35	27 8	3 51	20 37	0 21	20 28	0 11	8 2	1 39	21 44	0 28	8 55	1 46	23 17	9 7	21 32	21 24	3 26	17 34	5 48
S 31	14s 8	21n 8	0n22	20s28	1s41	27s12	3s53	20n37	0s18	20n27	0n11	8n 0	1n39	21n44	0n28	8n54	1s46	23s17	9s 7	21n32	21n25	3s23	17n33	5s49

Julian Day Number = 2465332.5, Delta T = 71.21 sec
Ecliptic obliquity = 23°26'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'04, Lahiri = 24°23'04

ASTRODIENST EPHEMERIS for the year 2037
geocentric

NOVEMBER 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 30	8♏54'07	10♌26	25♏46	25♐35	3°R38	29♋25	13♍35	24°R11	27°R23	20°R28	22°R41	23♋18	2♈42	25°R31	S 1
M 2	2 46 26	9°54'08	24°18	27°13	26°31	3♊21	29°27	13°41	24♋11	27♈22	20♒28	22♋40	23°15	2°49	25♊28	M 2
T 3	2 50 23	10°54'12	8♍31	28°39	27°27	3° 4	29°30	13°46	24°11	27°20	20°D28	22°38	23°12	2°55	25°26	T 3
W 4	2 54 20	11°54'18	23° 5	0♐ 5	28°22	2°46	29°33	13°51	24°11	27°19	20°28	22°32	23° 8	3° 2	25°24	W 4
T 5	2 58 16	12°54'26	7♎56	1°29	29°17	2°28	29°35	13°56	24°10	27°17	20°28	22°24	23° 5	3° 9	25°22	T 5
F 6	3 2 13	13°54'37	22°56	2°53	0♑11	2° 9	29°37	14° 1	24°10	27°15	20°28	22°15	23° 2	3°16	25°19	F 6
S 7	3 6 9	14°54'49	7♏56	4°17	1° 5	1°49	29°39	14° 6	24°10	27°14	20°28	22° 4	22°59	3°22	25°17	S 7
S 8	3 10 6	15°55'03	22°47	5°39	1°58	1°29	29°41	14°11	24° 9	27°12	20°28	21°54	22°56	3°29	25°14	S 8
M 9	3 14 2	16°55'18	7♐19	7° 0	2°50	1° 9	29°42	14°16	24° 9	27°11	20°28	21°45	22°52	3°36	25°12	M 9
T 10	3 17 59	17°55'36	21°27	8°21	3°42	0°48	29°43	14°20	24° 8	27° 9	20°28	21°39	22°49	3°42	25° 9	T 10
W11	3 21 55	18°55'55	5♑ 8	9°40	4°33	0°27	29°44	14°25	24° 7	27° 7	20°29	21°36	22°46	3°49	25° 7	W11
T 12	3 25 52	19°56'15	18°21	10°58	5°23	0° 5	29°45	14°30	24° 7	27° 6	20°29	21°D34	22°43	3°56	25° 4	T 12
F 13	3 29 49	20°56'37	1♒ 8	12°14	6°13	29♑43	29°46	14°34	24° 6	27° 4	20°29	21°35	22°40	4° 3	25° 1	F 13
S 14	3 33 45	21°57'00	13°34	13°29	7° 2	29°21	29°47	14°38	24° 5	27° 3	20°29	21°35	22°37	4° 9	24°58	S 14
S 15	3 37 42	22°57'25	25°44	14°42	7°49	28°59	29°47	14°43	24° 4	27° 1	20°30	21°R36	22°33	4°16	24°55	S 15
M16	3 41 38	23°57'51	7♓42	15°53	8°36	28°37	29°R47	14°47	24° 4	27° 0	20°30	21°34	22°30	4°23	24°53	M16
T 17	3 45 35	24°58'18	19°34	17° 2	9°23	28°15	29°47	14°51	24° 3	26°59	20°30	21°31	22°27	4°29	24°50	T 17
W18	3 49 31	25°58'47	1♈25	18° 8	10° 8	27°53	29°47	14°55	24° 2	26°57	20°31	21°25	22°24	4°36	24°47	W18
T 19	3 53 28	26°59'17	13°19	19°12	10°52	27°31	29°46	14°59	24° 1	26°56	20°31	21°17	22°21	4°43	24°43	T 19
F 20	3 57 24	27°59'48	25°18	20°12	11°35	27° 9	29°46	15° 3	24° 0	26°54	20°32	21° 8	22°18	4°50	24°40	F 20
S 21	4 1 21	29° 0'21	7♉25	21° 8	12°17	26°47	29°45	15° 7	23°58	26°53	20°32	20°58	22°14	4°56	24°37	S 21
S 22	4 5 17	0♐ 0'55	19°43	22° 0	12°58	26°25	29°44	15°10	23°57	26°52	20°33	20°48	22°11	5° 3	24°34	S 22
M23	4 9 14	1° 1'30	2♊11	22°48	13°38	26° 4	29°42	15°14	23°56	26°50	20°33	20°39	22° 8	5°10	24°31	M23
T 24	4 13 11	2° 2'07	14°50	23°30	14°17	25°43	29°41	15°17	23°55	26°49	20°34	20°31	22° 5	5°16	24°27	T 24
W25	4 17 7	3° 2'45	27°41	24° 6	14°54	25°22	29°39	15°21	23°53	26°48	20°34	20°27	22° 2	5°23	24°24	W25
T 26	4 21 4	4° 3'25	10♋42	24°35	15°30	25° 2	29°37	15°24	23°52	26°46	20°35	20°24	21°58	5°30	24°21	T 26
F 27	4 25 0	5° 4'07	23°55	24°56	16° 5	24°42	29°35	15°27	23°51	26°45	20°36	20°D24	21°55	5°37	24°17	F 27
S 28	4 28 57	6° 4'50	7♌20	25° 9	16°38	24°23	29°33	15°30	23°49	26°44	20°36	20°25	21°52	5°43	24°14	S 28
S 29	4 32 53	7° 5'35	20°57	25°R13	17°10	24° 4	29°31	15°33	23°48	26°43	20°37	20°26	21°49	5°50	24°11	S 29
M30	4 36 50	8♐ 6'21	4♍48	25♐ 8	17♑40	23♑46	29♋28	15♍36	23♋46	26♈42	20♒38	20°R27	21♋46	5♈57	24♊ 7	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	14s28	19n 6	1n33	20s55	1s46	27s15	3s54	20n37	0s15	20n27	0n11	7n59	1n39	21n44	0n28	8n53	1s46	23s17	9s 6	21n32	21n25	3s21	17n33	5s49
M 2	14 47	15 55	2 39	21 21	1 52	27 18	3 55	20 37	0 12	20 27	0 11	7 57	1 39	21 44	0 28	8 53	1 46	23 16	9 6	21 32	21 26	3 18	17 32	5 49
T 3	15 6	11 44	3 38	21 45	1 57	27 21	3 56	20 37	0 9	20 26	0 11	7 55	1 39	21 44	0 28	8 52	1 46	23 16	9 6	21 32	21 26	3 16	17 32	5 50
W 4	15 24	6 47	4 24	22 9	2 2	27 22	3 57	20 37	0 6	20 26	0 12	7 53	1 40	21 44	0 28	8 52	1 46	23 16	9 6	21 33	21 27	3 14	17 31	5 50
T 5	15 43	1 20	4 53	22 31	2 7	27 24	3 58	20 36	0 2	20 25	0 12	7 51	1 40	21 44	0 28	8 51	1 46	23 16	9 6	21 34	21 28	3 11	17 31	5 51
F 6	16 1	4s14	5 2	22 53	2 11	27 24	3 58	20 36	0n 1	20 25	0 12	7 49	1 40	21 45	0 29	8 51	1 46	23 16	9 5	21 36	21 28	3 9	17 30	5 51
S 7	16 18	9 34	4 51	23 13	2 16	27 24	3 58	20 35	0 4	20 25	0 12	7 48	1 40	21 45	0 29	8 50	1 46	23 16	9 5	21 38	21 29	3 7	17 30	5 51
S 8	16 36	14 16	4 20	23 32	2 20	27 24	3 59	20 34	0 7	20 25	0 12	7 46	1 40	21 45	0 29	8 50	1 46	23 15	9 5	21 39	21 29	3 4	17 29	5 52
M 9	16 53	18 2	3 33	23 50	2 23	27 23	3 59	20 33	0 10	20 25	0 12	7 44	1 41	21 45	0 29	8 49	1 46	23 15	9 5	21 41	21 30	3 2	17 29	5 52
T 10	17 10	20 37	2 33	24 6	2 27	27 21	3 58	20 32	0 14	20 24	0 12	7 43	1 41	21 45	0 29	8 48	1 46	23 15	9 5	21 42	21 30	2 59	17 28	5 53
W11	17 27	21 54	1 27	24 22	2 30	27 19	3 58	20 31	0 17	20 24	0 13	7 41	1 41	21 45	0 29	8 48	1 46	23 15	9 5	21 42	21 31	2 57	17 28	5 53
T 12	17 43	21 54	0 17	24 35	2 32	27 16	3 57	20 29	0 20	20 24	0 13	7 40	1 41	21 45	0 29	8 47	1 46	23 14	9 4	21 42	21 31	2 55	17 27	5 53
F 13	17 59	20 44	0s51	24 48	2 34	27 13	3 56	20 28	0 23	20 24	0 13	7 38	1 42	21 45	0 29	8 47	1 46	23 14	9 4	21 42	21 32	2 52	17 27	5 54
S 14	18 15	18 35	1 55	24 59	2 36	27 10	3 55	20 26	0 26	20 24	0 13	7 37	1 42	21 46	0 29	8 46	1 46	23 14	9 4	21 42	21 32	2 50	17 26	5 54
S 15	18 30	15 38	2 52	25 9	2 37	27 6	3 54	20 25	0 30	20 24	0 13	7 35	1 42	21 46	0 29	8 46	1 46	23 14	9 4	21 42	21 33	2 47	17 26	5 55
M16	18 46	12 5	3 41	25 18	2 38	27 1	3 52	20 23	0 33	20 25	0 13	7 34	1 42	21 46	0 29	8 45	1 46	23 13	9 4	21 42	21 33	2 45	17 25	5 55
T 17	19 0	8 6	4 20	25 25	2 38	26 56	3 51	20 21	0 36	20 25	0 14	7 32	1 42	21 46	0 29	8 45	1 46	23 13	9 3	21 43	21 34	2 43	17 25	5 55
W18	19 15	3 50	4 47	25 31	2 37	26 51	3 49	20 19	0 39	20 25	0 14	7 31	1 43	21 46	0 29	8 44	1 46	23 13	9 3	21 44	21 34	2 40	17 25	5 56
T 19	19 29	0n36	5 2	25 35	2 36	26 45	3 46	20 17	0 42	20 25	0 14	7 30	1 43	21 47	0 29	8 44	1 46	23 12	9 3	21 45	21 35	2 38	17 24	5 56
F 20	19 43	5 3	5 5	25 37	2 33	26 38	3 44	20 15	0 45	20 26	0 14	7 28	1 43	21 47	0 29	8 43	1 46	23 12	9 3	21 46	21 35	2 35	17 24	5 56
S 21	19 56	9 22	4 53	25 38	2 30	26 32	3 41	20 13	0 48	20 26	0 14	7 27	1 43	21 47	0 29	8 43	1 46	23 12	9 3	21 48	21 36	2 33	17 23	5 56
S 22	20 9	13 21	4 28	25 38	2 27	26 25	3 38	20 11	0 51	20 26	0 14	7 26	1 44	21 47	0 29	8 42	1 46	23 11	9 3	21 50	21 36	2 31	17 23	5 57
M23	20 22	16 50	3 50	25 36	2 22	26 17	3 34	20 8	0 54	20 27	0 15	7 25	1 44	21 48	0 29	8 42	1 46	23 11	9 2	21 51	21 37	2 28	17 22	5 57
T 24	20 34	19 36	2 59	25 32	2 16	26 9	3 30	20 6	0 57	20 27	0 15	7 24	1 44	21 48	0 29	8 42	1 46	23 11	9 2	21 52	21 37	2 26	17 22	5 57
W25	20 46	21 25	1 59	25 27	2 9	26 1	3 26	20 4	1 0	20 28	0 15	7 23	1 44	21 48	0 29	8 41	1 46	23 10	9 2	21 53	21 38	2 23	17 22	5 58
T 26	20 57	22 8	0 52	25 20	2 1	25 53	3 22	20 2	1 2	20 28	0 15	7 22	1 45	21 48	0 29	8 41	1 46	23 10	9 2	21 53	21 38	2 21	17 21	5 58
F 27	21 8	21 38	0n19	25 11	1 51	25 44	3 17	20 0	1 5	20 29	0 15	7 21	1 45	21 49	0 29	8 40	1 45	23 10	9 2	21 53	21 39	2 18	17 21	5 58
S 28	21 19	19 53	1 30	25 1	1 40	25 35	3 12	19 57	1 8	20 29	0 15	7 20	1 45	21 49	0 29	8 40	1 45	23 9	9 2	21 53	21 39	2 16	17 20	5 58
S 29	21 29	17 0	2 38	24 49	1 28	25 25	3 7	19 55	1 10	20 30	0 16	7 19	1 45	21 49	0 29	8 40	1 45	23 9	9 1	21 53	21 40	2 14	17 20	5 59
M30	21s39	13n 7	3n37	24s35	1s14	25s15	3s 1	19n53	1n13	20n31	0n16	7n18	1n46	21n49	0n29	8n39	1s45	23s 8	9s 1	21n53	21n40	2s11	17n20	5s59

Julian Day Number = 2465363.5, Delta T = 71.23 sec
Ecliptic obliquity = 23°26'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'08, Lahiri = 24°23'08

ASTRODIENST EPHEMERIS for the year 2037
geocentric

DECEMBER 2037 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 47	9♐ 7'08	18♍53	24°R51	18♑ 9	23°R28	29°R25	15♍39	23°R45	26°R40	20♒38	20°R26	21♋43	6♈ 4	24°R 4	T 1
W 2	4 44 43	10° 7'57	3♎10	24♐24	18°36	23♑11	29♋22	15°42	23♋43	26♈39	20°39	20♋24	21°39	6°10	24♊ 0	W 2
T 3	4 48 40	11° 8'48	17°37	23°45	19° 2	22°54	29°19	15°44	23°41	26°38	20°40	20°20	21°36	6°17	23°57	T 3
F 4	4 52 36	12° 9'40	2♏10	22°56	19°25	22°39	29°15	15°47	23°39	26°37	20°41	20°15	21°33	6°24	23°53	F 4
S 5	4 56 33	13°10'33	16°43	21°56	19°47	22°24	29°12	15°49	23°38	26°36	20°42	20° 9	21°30	6°30	23°49	S 5
S 6	5 0 29	14°11'27	1♐10	20°48	20° 7	22° 9	29° 8	15°52	23°36	26°35	20°42	20° 3	21°27	6°37	23°46	S 6
M 7	5 4 26	15°12'23	15°24	19°32	20°25	21°56	29° 4	15°54	23°34	26°34	20°43	19°58	21°24	6°44	23°42	M 7
T 8	5 8 22	16°13'20	29°20	18°11	20°41	21°43	29° 0	15°56	23°32	26°33	20°44	19°55	21°20	6°51	23°38	T 8
W 9	5 12 19	17°14'18	12♑55	16°49	20°55	21°31	28°56	15°58	23°30	26°32	20°45	19°53	21°17	6°57	23°35	W 9
T 10	5 16 16	18°15'16	26° 6	15°26	21° 7	21°19	28°51	16° 0	23°28	26°31	20°46	19°D53	21°14	7° 4	23°31	T 10
F 11	5 20 12	19°16'15	8♒56	14° 7	21°16	21° 9	28°46	16° 1	23°26	26°30	20°47	19°54	21°11	7°11	23°27	F 11
S 12	5 24 9	20°17'15	21°25	12°54	21°24	20°59	28°41	16° 3	23°24	26°30	20°48	19°56	21° 8	7°17	23°24	S 12
S 13	5 28 5	21°18'16	3♓38	11°49	21°28	20°50	28°36	16° 5	23°22	26°29	20°49	19°58	21° 4	7°24	23°20	S 13
M14	5 32 2	22°19'16	15°39	10°53	21°31	20°42	28°31	16° 6	23°20	26°28	20°50	19°59	21° 1	7°31	23°16	M14
T 15	5 35 58	23°20'18	27°33	10° 8	21°R31	20°35	28°26	16° 7	23°18	26°27	20°51	19°R59	20°58	7°38	23°13	T 15
W16	5 39 55	24°21'20	9♈25	9°34	21°29	20°29	28°20	16° 9	23°16	26°26	20°52	19°58	20°55	7°44	23° 9	W16
T 17	5 43 51	25°22'22	21°19	9°11	21°24	20°23	28°15	16°10	23°14	26°26	20°53	19°56	20°52	7°51	23° 5	T 17
F 18	5 47 48	26°23'25	3♉21	8°59	21°16	20°19	28° 9	16°11	23°11	26°25	20°54	19°53	20°49	7°58	23° 1	F 18
S 19	5 51 45	27°24'28	15°32	8°D57	21° 6	20°15	28° 3	16°12	23° 9	26°24	20°56	19°49	20°45	8° 4	22°58	S 19
S 20	5 55 41	28°25'31	27°58	9° 5	20°54	20°12	27°57	16°12	23° 7	26°24	20°57	19°45	20°42	8°11	22°54	S 20
M21	5 59 38	29°26'35	10♊38	9°22	20°39	20°10	27°51	16°13	23° 5	26°23	20°58	19°42	20°39	8°18	22°50	M21
T 22	6 3 34	0♑27'40	23°34	9°46	20°22	20° 8	27°44	16°14	23° 2	26°23	20°59	19°39	20°36	8°25	22°47	T 22
W23	6 7 31	1°28'45	6♋46	10°19	20° 2	20°D 8	27°38	16°14	23° 0	26°22	21° 0	19°38	20°33	8°31	22°43	W23
T 24	6 11 27	2°29'50	20°12	10°57	19°40	20° 8	27°31	16°14	22°58	26°22	21° 2	19°D37	20°30	8°38	22°39	T 24
F 25	6 15 24	3°30'56	3♌51	11°42	19°16	20° 9	27°24	16°15	22°55	26°21	21° 3	19°38	20°26	8°45	22°36	F 25
S 26	6 19 20	4°32'03	17°41	12°31	18°49	20°10	27°17	16°R15	22°53	26°21	21° 4	19°39	20°23	8°52	22°32	S 26
S 27	6 23 17	5°33'10	1♍39	13°26	18°21	20°13	27°11	16°15	22°50	26°21	21° 6	19°40	20°20	8°58	22°29	S 27
M28	6 27 14	6°34'17	15°43	14°24	17°51	20°16	27° 3	16°15	22°48	26°20	21° 7	19°41	20°17	9° 5	22°25	M28
T 29	6 31 10	7°35'25	29°52	15°26	17°20	20°20	26°56	16°14	22°45	26°20	21° 8	19°42	20°14	9°12	22°21	T 29
W30	6 35 7	8°36'34	14♎ 3	16°31	16°47	20°25	26°49	16°14	22°43	26°20	21°10	19°R42	20°10	9°18	22°18	W30
T 31	6 39 3	9♑37'43	28♎14	17♐39	16♑12	20♑30	26♋42	16♍14	22♋40	26♈19	21♒11	19♋41	20♋ 7	9♈25	22♊14	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	21s49	8n27	4n24	24s19	0s59	25s 5	2s55	19n51	1n15	20n32	0n16	7n17	1n46	21n50	0n29	8n39	1s45	23s 8	9s 1	21n53	21n41	2s 9	17n19	5s59
W 2	21 58	3 16	4 56	24 1	0 42	24 55	2 48	19 49	1 18	20 32	0 16	7 16	1 46	21 50	0 29	8 38	1 45	23 8	9 1	21 53	21 41	2 6	17 19	5 59
T 3	22 6	2s 8	5 10	23 41	0 24	24 45	2 41	19 47	1 20	20 33	0 16	7 15	1 46	21 50	0 29	8 38	1 45	23 7	9 1	21 54	21 42	2 4	17 18	6 0
F 4	22 15	7 28	5 3	23 20	0 5	24 34	2 34	19 45	1 22	20 34	0 16	7 15	1 47	21 51	0 29	8 38	1 45	23 7	9 1	21 54	21 42	2 1	17 18	6 0
S 5	22 22	12 23	4 38	22 57	0n15	24 23	2 26	19 43	1 24	20 35	0 17	7 14	1 47	21 51	0 29	8 37	1 45	23 6	9 0	21 55	21 43	1 59	17 18	6 0
S 6	22 30	16 34	3 54	22 32	0 35	24 12	2 18	19 42	1 26	20 36	0 17	7 13	1 47	21 51	0 29	8 37	1 45	23 6	9 0	21 56	21 43	1 57	17 17	6 0
M 7	22 37	19 42	2 57	22 6	0 55	24 1	2 10	19 40	1 28	20 37	0 17	7 13	1 47	21 52	0 29	8 37	1 45	23 6	9 0	21 57	21 44	1 54	17 17	6 0
T 8	22 43	21 36	1 50	21 40	1 15	23 50	2 1	19 39	1 30	20 38	0 17	7 12	1 48	21 52	0 29	8 36	1 45	23 5	9 0	21 57	21 44	1 52	17 17	6 0
W 9	22 49	22 11	0 38	21 13	1 34	23 39	1 51	19 37	1 32	20 39	0 17	7 12	1 48	21 52	0 30	8 36	1 45	23 5	9 0	21 58	21 45	1 49	17 16	6 1
T 10	22 55	21 29	0s34	20 48	1 51	23 27	1 42	19 36	1 34	20 40	0 17	7 11	1 48	21 53	0 30	8 36	1 45	23 4	9 0	21 58	21 45	1 47	17 16	6 1
F 11	23 0	19 40	1 42	20 23	2 7	23 15	1 31	19 35	1 36	20 41	0 18	7 11	1 48	21 53	0 30	8 36	1 45	23 4	8 59	21 57	21 46	1 44	17 16	6 1
S 12	23 5	16 57	2 44	20 1	2 20	23 4	1 21	19 34	1 38	20 42	0 18	7 10	1 49	21 53	0 30	8 35	1 45	23 3	8 59	21 57	21 46	1 42	17 16	6 1
S 13	23 9	13 33	3 37	19 42	2 32	22 52	1 9	19 33	1 39	20 44	0 18	7 10	1 49	21 54	0 30	8 35	1 45	23 3	8 59	21 57	21 47	1 39	17 15	6 1
M14	23 13	9 39	4 19	19 25	2 40	22 40	0 58	19 33	1 41	20 45	0 18	7 10	1 49	21 54	0 30	8 35	1 45	23 2	8 59	21 57	21 47	1 37	17 15	6 1
T 15	23 16	5 25	4 50	19 13	2 47	22 28	0 46	19 32	1 42	20 46	0 18	7 9	1 50	21 55	0 30	8 35	1 45	23 2	8 59	21 57	21 48	1 35	17 15	6 1
W16	23 19	1 0	5 9	19 3	2 51	22 16	0 33	19 32	1 44	20 47	0 19	7 9	1 50	21 55	0 30	8 34	1 45	23 1	8 59	21 57	21 48	1 32	17 14	6 1
T 17	23 21	3n28	5 14	18 58	2 54	22 4	0 20	19 32	1 45	20 49	0 19	7 9	1 50	21 55	0 30	8 34	1 45	23 1	8 59	21 57	21 49	1 30	17 14	6 2
F 18	23 23	7 50	5 5	18 55	2 54	21 52	0 7	19 32	1 47	20 50	0 19	7 9	1 50	21 56	0 30	8 34	1 45	23 0	8 58	21 58	21 49	1 27	17 14	6 2
S 19	23 24	11 58	4 43	18 56	2 53	21 40	0n 7	19 32	1 48	20 51	0 19	7 9	1 51	21 56	0 30	8 34	1 44	23 0	8 58	21 58	21 50	1 25	17 14	6 2
S 20	23 25	15 41	4 7	19 0	2 50	21 28	0 21	19 32	1 49	20 53	0 19	7 9	1 51	21 57	0 30	8 34	1 44	22 59	8 58	21 59	21 50	1 22	17 13	6 2
M21	23 26	18 46	3 19	19 6	2 47	21 16	0 35	19 33	1 50	20 54	0 19	7 9	1 51	21 57	0 30	8 33	1 44	22 59	8 58	21 59	21 51	1 20	17 13	6 2
T 22	23 26	20 58	2 19	19 14	2 42	21 4	0 50	19 34	1 51	20 56	0 20	7 9	1 51	21 57	0 30	8 33	1 44	22 58	8 58	22 0	21 51	1 17	17 13	6 2
W23	23 26	22 5	1 10	19 24	2 37	20 52	1 5	19 34	1 52	20 57	0 20	7 9	1 52	21 58	0 30	8 33	1 44	22 58	8 58	22 0	21 52	1 15	17 13	6 2
T 24	23 25	21 58	0n 3	19 36	2 30	20 40	1 21	19 35	1 53	20 59	0 20	7 9	1 52	21 58	0 30	8 33	1 44	22 57	8 58	22 0	21 52	1 12	17 13	6 2
F 25	23 23	20 33	1 18	19 49	2 24	20 28	1 36	19 37	1 54	21 0	0 20	7 9	1 52	21 59	0 30	8 33	1 44	22 57	8 58	22 0	21 53	1 10	17 12	6 2
S 26	23 21	17 54	2 29	20 2	2 16	20 16	1 52	19 38	1 55	21 2	0 20	7 9	1 52	21 59	0 30	8 33	1 44	22 56	8 57	22 0	21 53	1 7	17 12	6 2
S 27	23 19	14 11	3 32	20 16	2 9	20 4	2 7	19 40	1 56	21 3	0 20	7 9	1 53	21 59	0 30	8 33	1 44	22 56	8 57	22 0	21 54	1 5	17 12	6 2
M28	23 16	9 40	4 23	20 31	2 1	19 53	2 23	19 41	1 57	21 5	0 20	7 10	1 53	22 0	0 30	8 33	1 44	22 55	8 57	21 59	21 54	1 3	17 12	6 2
T 29	23 13	4 36	4 58	20 46	1 53	19 41	2 39	19 43	1 58	21 6	0 21	7 10	1 53	22 0	0 30	8 33	1 44	22 55	8 57	21 59	21 55	1 0	17 12	6 2
W30	23 9	0s42	5 15	21 1	1 44	19 30	2 54	19 45	1 58	21 8	0 21	7 10	1 54	22 1	0 30	8 33	1 44	22 54	8 57	21 59	21 55	0 58	17 11	6 2
T 31	23s 5	5s58	5n13	21s16	1n36	19s19	3n10	19n47	1n59	21n 9	0n21	7n11	1n54	22n 1	0n30	8n33	1s44	22s53	8s57	21n59	21n56	0s55	17n11	6s 2

Julian Day Number = 2465393.5, Delta T = 71.25 sec
Ecliptic obliquity = 23°26'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'12, Lahiri = 24°23'12