Astrodienst Ephemeris Tables

for the year 2038

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 2038
geocentric

JANUARY 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 43 0	10♑38'52	12♏24	18♐49	15°R37	20♉36	26°R34	16°R13	22°R38	26°R19	21♒12	19°R41	20♋ 4	9♈32	22°R11	F 1
S 2	6 46 56	11°40'02	26°28	20° 1	15♑ 1	20°43	26♋26	16♏12	22♋35	26♈19	21°14	19♋39	20° 1	9°39	22♊ 7	S 2
S 3	6 50 53	12°41'13	10♐24	21°16	14°25	20°51	26°19	16°12	22°33	26°19	21°15	19°39	19°58	9°45	22° 4	S 3
M 4	6 54 49	13°42'23	24°10	22°32	13°48	20°59	26°11	16°11	22°30	26°19	21°17	19°38	19°55	9°52	22° 1	M 4
T 5	6 58 46	14°43'34	7♑42	23°50	13°12	21° 7	26° 3	16°10	22°28	26°19	21°18	19°37	19°51	9°59	21°57	T 5
W 6	7 2 43	15°44'45	20°59	25° 9	12°35	21°17	25°56	16° 9	22°25	26°D19	21°20	19°D37	19°48	10° 5	21°54	W 6
T 7	7 6 39	16°45'55	3♒59	26°29	12° 0	21°27	25°48	16° 7	22°23	26°19	21°21	19°37	19°45	10°12	21°51	T 7
F 8	7 10 36	17°47'05	16°42	27°51	11°25	21°38	25°40	16° 6	22°20	26°19	21°23	19°38	19°42	10°19	21°47	F 8
S 9	7 14 32	18°48'15	29° 9	29°13	10°51	21°49	25°32	16° 5	22°17	26°19	21°24	19°38	19°39	10°26	21°44	S 9
S 10	7 18 29	19°49'25	11♓22	0♑37	10°18	22° 1	25°24	16° 3	22°15	26°19	21°26	19°R38	19°36	10°32	21°41	S 10
M11	7 22 25	20°50'34	23°24	2° 1	9°46	22°14	25°16	16° 1	22°12	26°19	21°27	19°38	19°32	10°39	21°38	M11
T 12	7 26 22	21°51'43	5♈19	3°26	9°16	22°27	25° 8	16° 0	22°10	26°19	21°29	19°38	19°29	10°46	21°35	T 12
W13	7 30 19	22°52'50	17°12	4°52	8°48	22°40	25° 0	15°58	22° 7	26°20	21°31	19°D37	19°26	10°53	21°32	W13
T 14	7 34 15	23°53'58	29° 5	6°19	8°22	22°54	24°52	15°56	22° 4	26°20	21°32	19°37	19°23	10°59	21°29	T 14
F 15	7 38 12	24°55'05	11♉ 6	7°46	7°58	23° 9	24°43	15°54	22° 2	26°20	21°34	19°38	19°20	11° 6	21°26	F 15
S 16	7 42 8	25°56'11	23°17	9°14	7°37	23°24	24°35	15°52	21°59	26°20	21°35	19°38	19°16	11°13	21°23	S 16
S 17	7 46 5	26°57'16	5♊44	10°43	7°17	23°40	24°27	15°49	21°56	26°21	21°37	19°39	19°13	11°19	21°20	S 17
M18	7 50 1	27°58'21	18°30	12°12	7° 0	23°56	24°19	15°47	21°54	26°21	21°39	19°40	19°10	11°26	21°18	M18
T 19	7 53 58	28°59'25	1♋36	13°42	6°45	24°13	24°11	15°45	21°51	26°22	21°40	19°40	19° 7	11°33	21°15	T 19
W20	7 57 54	0♒ 0'28	15° 3	15°13	6°33	24°30	24° 3	15°42	21°49	26°22	21°42	19°R41	19° 4	11°40	21°12	W20
T 21	8 1 51	1° 1'31	28°52	16°44	6°23	24°48	23°55	15°39	21°46	26°23	21°44	19°41	19° 1	11°46	21°10	T 21
F 22	8 5 48	2° 2'33	12♌58	18°15	6°16	25° 6	23°47	15°37	21°44	26°23	21°45	19°40	18°57	11°53	21° 7	F 22
S 23	8 9 44	3° 3'34	27°18	19°48	6°11	25°24	23°39	15°34	21°41	26°24	21°47	19°39	18°54	12° 0	21° 5	S 23
S 24	8 13 41	4° 4'35	11♍46	21°21	6°D 9	25°43	23°32	15°31	21°39	26°24	21°49	19°37	18°51	12° 6	21° 2	S 24
M25	8 17 37	5° 5'35	26°16	22°54	6° 9	26° 2	23°24	15°28	21°36	26°25	21°50	19°35	18°48	12°13	21° 0	M25
T 26	8 21 34	6° 6'35	10♎44	24°28	6°11	26°22	23°16	15°25	21°34	26°26	21°52	19°33	18°45	12°20	20°58	T 26
W27	8 25 30	7° 7'34	25° 4	26° 3	6°16	26°42	23° 8	15°22	21°31	26°26	21°54	19°32	18°42	12°27	20°55	W27
T 28	8 29 27	8° 8'32	9♏14	27°38	6°24	27° 3	23° 1	15°18	21°29	26°27	21°56	19°D32	18°38	12°33	20°53	T 28
F 29	8 33 23	9° 9'30	23°11	29°14	6°33	27°24	22°53	15°15	21°26	26°28	21°57	19°32	18°35	12°40	20°51	F 29
S 30	8 37 20	10°10'28	6♐55	0♒51	6°45	27°45	22°46	15°12	21°24	26°29	21°59	19°33	18°32	12°47	20°49	S 30
S 31	8 41 17	11♒11'25	20♐26	2♒28	6♑59	28♉ 6	22♋39	15♏ 8	21♋21	26♈29	22♒ 1	19♋35	18♋29	12♈54	20♊47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 0	10s55	4n52	21s31	1n28	19s 8	3n25	19n49	2n 0	21n11	0n21	7n11	1n54	22n 2	0n30	8n33	1s44	22s53	8s57	21n59	21n56	0s53	17n11	6s 2
S 2	22 55	15 15	4 14	21 45	1 19	18 57	3 40	19 52	2 0	21 12	0 21	7 12	1 54	22 2	0 30	8 33	1 44	22 52	8 57	22 0	21 56	0 50	17 11	6 2
S 3	22 50	18 42	3 21	21 58	1 10	18 46	3 54	19 54	2 1	21 14	0 21	7 12	1 55	22 2	0 30	8 33	1 44	22 52	8 57	22 0	21 57	0 48	17 11	6 1
M 4	22 44	21 2	2 17	22 12	1 2	18 36	4 8	19 57	2 1	21 16	0 22	7 13	1 55	22 3	0 30	8 33	1 44	22 51	8 57	22 0	21 57	0 45	17 11	6 1
T 5	22 37	22 7	1 6	22 24	0 53	18 26	4 22	20 0	2 2	21 17	0 22	7 14	1 55	22 3	0 30	8 33	1 44	22 51	8 56	22 0	21 58	0 43	17 11	6 1
W 6	22 30	21 55	0s 8	22 36	0 45	18 17	4 35	20 3	2 2	21 19	0 22	7 14	1 55	22 4	0 30	8 33	1 44	22 50	8 56	22 0	21 58	0 40	17 11	6 1
T 7	22 23	20 32	1 19	22 47	0 37	18 8	4 47	20 6	2 3	21 20	0 22	7 15	1 56	22 4	0 30	8 33	1 43	22 49	8 56	22 0	21 59	0 38	17 11	6 1
F 8	22 15	18 8	2 25	22 57	0 28	17 59	4 59	20 9	2 3	21 22	0 22	7 16	1 56	22 5	0 30	8 33	1 43	22 49	8 56	22 0	21 59	0 35	17 11	6 1
S 9	22 7	14 55	3 22	23 6	0 20	17 50	5 10	20 12	2 4	21 24	0 22	7 16	1 56	22 5	0 30	8 33	1 43	22 48	8 56	22 0	22 0	0 33	17 10	6 1
S 10	21 58	11 8	4 9	23 14	0 12	17 43	5 20	20 16	2 4	21 25	0 22	7 17	1 56	22 6	0 30	8 33	1 43	22 48	8 56	22 0	22 0	0 30	17 10	6 1
M11	21 49	6 58	4 45	23 21	0 4	17 35	5 30	20 19	2 4	21 27	0 23	7 18	1 57	22 6	0 30	8 33	1 43	22 47	8 56	22 0	22 1	0 28	17 10	6 0
T 12	21 40	2 35	5 7	23 27	0s 4	17 28	5 39	20 23	2 5	21 29	0 23	7 19	1 57	22 6	0 30	8 33	1 43	22 47	8 56	22 0	22 1	0 25	17 10	6 0
W13	21 30	1n52	5 17	23 32	0 11	17 22	5 47	20 27	2 5	21 30	0 23	7 20	1 57	22 7	0 30	8 33	1 43	22 46	8 56	22 0	22 2	0 23	17 10	6 0
T 14	21 19	6 16	5 13	23 35	0 19	17 16	5 55	20 31	2 5	21 32	0 23	7 21	1 57	22 7	0 30	8 33	1 43	22 45	8 56	22 0	22 2	0 20	17 10	6 0
F 15	21 8	10 28	4 55	23 38	0 26	17 11	6 2	20 35	2 5	21 33	0 23	7 22	1 58	22 8	0 30	8 34	1 43	22 45	8 56	22 0	22 2	0 18	17 10	6 0
S 16	20 57	14 20	4 24	23 39	0 33	17 6	6 8	20 39	2 5	21 35	0 23	7 23	1 58	22 8	0 30	8 34	1 43	22 44	8 56	22 0	22 3	0 15	17 10	6 0
S 17	20 46	17 39	3 40	23 40	0 40	17 2	6 13	20 43	2 6	21 36	0 23	7 24	1 58	22 9	0 30	8 34	1 43	22 44	8 56	22 0	22 3	0 13	17 10	5 59
M18	20 34	20 12	2 44	23 39	0 46	16 58	6 17	20 47	2 6	21 38	0 24	7 25	1 58	22 9	0 30	8 34	1 43	22 43	8 56	22 0	22 4	0 10	17 10	5 59
T 19	20 21	21 47	1 39	23 36	0 53	16 55	6 21	20 51	2 6	21 40	0 24	7 26	1 59	22 9	0 30	8 34	1 43	22 42	8 56	21 59	22 4	0 8	17 10	5 59
W20	20 9	22 10	0 26	23 33	0 59	16 52	6 24	20 56	2 6	21 41	0 24	7 28	1 59	22 10	0 30	8 35	1 43	22 42	8 56	21 59	22 5	0 5	17 10	5 59
T 21	19 56	21 12	0n51	23 28	1 5	16 50	6 27	21 0	2 6	21 43	0 24	7 29	1 59	22 10	0 30	8 35	1 43	22 41	8 56	21 59	22 5	0 3	17 11	5 59
F 22	19 42	18 55	2 5	23 21	1 11	16 49	6 29	21 5	2 6	21 44	0 24	7 30	1 59	22 11	0 30	8 35	1 43	22 41	8 56	22 0	22 6	0 0	17 11	5 58
S 23	19 28	15 26	3 13	23 14	1 16	16 48	6 30	21 9	2 6	21 46	0 24	7 32	1 59	22 11	0 30	8 35	1 43	22 40	8 56	22 0	22 6	0n 2	17 11	5 58
S 24	19 14	11 0	4 10	23 5	1 22	16 47	6 31	21 14	2 6	21 47	0 24	7 33	2 0	22 11	0 30	8 36	1 42	22 40	8 56	22 0	22 6	0 5	17 11	5 58
M25	18 59	5 55	4 50	22 55	1 27	16 47	6 31	21 18	2 6	21 48	0 24	7 34	2 0	22 12	0 30	8 36	1 42	22 39	8 56	22 0	22 7	0 7	17 11	5 58
T 26	18 44	0 32	5 12	22 43	1 31	16 47	6 31	21 23	2 6	21 50	0 24	7 36	2 0	22 12	0 30	8 36	1 42	22 38	8 56	22 1	22 7	0 10	17 11	5 57
W27	18 29	4s49	5 14	22 30	1 36	16 47	6 30	21 28	2 6	21 51	0 25	7 37	2 0	22 13	0 30	8 36	1 42	22 38	8 56	22 1	22 8	0 12	17 11	5 57
T 28	18 14	9 52	4 57	22 16	1 40	16 48	6 29	21 33	2 6	21 53	0 25	7 39	2 1	22 13	0 30	8 37	1 42	22 37	8 56	22 1	22 8	0 15	17 11	5 57
F 29	17 58	14 19	4 23	22 0	1 44	16 49	6 27	21 37	2 6	21 54	0 25	7 40	2 1	22 13	0 30	8 37	1 42	22 37	8 56	22 1	22 9	0 17	17 11	5 57
S 30	17 41	17 57	3 34	21 43	1 48	16 51	6 25	21 42	2 6	21 55	0 25	7 42	2 1	22 14	0 30	8 37	1 42	22 36	8 56	22 1	22 9	0 20	17 11	5 56
S 31	17s25	20s32	2n34	21s24	1s51	16s52	6n23	21n47	2n 6	21n57	0n25	7n43	2n 1	22n14	0n30	8n38	1s42	22s36	8s56	22n 0	22n10	0n22	17n12	5s56

Julian Day Number = 2465424.5, Delta T = 71.28 sec
Ecliptic obliquity = 23°26'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'16, Lahiri = 24°23'17

ASTRODIENST EPHEMERIS for the year 2038
geocentric

FEBRUARY 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 13	12♒12'21	3♉45	4♒ 6	7♉15	28♉28	22°R31	15°R 5	21°R19	26♈30	22♒ 2	19♋36	18♋26	13♈ 0	20°R45	M 1
T 2	8 49 10	13°13'16	16°51	5°45	7°33	28°51	22♋24	15♍ 1	21♋16	26°31	22° 4	19°R37	18°22	13° 7	20♊44	T 2
W 3	8 53 6	14°14'10	29°44	7°24	7°53	29°13	22°17	14°57	21°14	26°32	22° 6	19°37	18°19	13°14	20°42	W 3
T 4	8 57 3	15°15'04	12♒26	9° 5	8°15	29°36	22°10	14°54	21°12	26°33	22° 8	19°35	18°16	13°20	20°40	T 4
F 5	9 0 59	16°15'56	24°55	10°45	8°39	29°59	22° 3	14°50	21°10	26°34	22° 9	19°32	18°13	13°27	20°39	F 5
S 6	9 4 56	17°16'47	7♓14	12°27	9° 5	0♊23	21°57	14°46	21° 7	26°35	22°11	19°27	18°10	13°34	20°37	S 6
S 7	9 8 52	18°17'36	19°23	14° 9	9°32	0°47	21°50	14°42	21° 5	26°36	22°13	19°22	18° 7	13°41	20°36	S 7
M 8	9 12 49	19°18'24	1♈23	15°53	10° 1	1°11	21°44	14°38	21° 3	26°37	22°15	19°17	18° 3	13°47	20°34	M 8
T 9	9 16 46	20°19'11	13°17	17°37	10°31	1°36	21°37	14°34	21° 1	26°38	22°17	19°12	18° 0	13°54	20°33	T 9
W10	9 20 42	21°19'56	25° 9	19°21	11° 3	2° 0	21°31	14°29	20°58	26°39	22°18	19° 7	17°57	14° 1	20°32	W10
T 11	9 24 39	22°20'40	7♉ 1	21° 7	11°36	2°25	21°25	14°25	20°56	26°41	22°20	19° 4	17°54	14° 8	20°31	T 11
F 12	9 28 35	23°21'23	18°59	22°53	12°11	2°51	21°19	14°21	20°54	26°42	22°22	19°D 3	17°51	14°14	20°29	F 12
S 13	9 32 32	24°22'03	1♊ 7	24°40	12°47	3°16	21°14	14°17	20°52	26°43	22°24	19° 3	17°48	14°21	20°28	S 13
S 14	9 36 28	25°22'42	13°30	26°28	13°25	3°42	21° 8	14°12	20°50	26°44	22°25	19° 4	17°44	14°28	20°28	S 14
M15	9 40 25	26°23'20	26°12	28°17	14° 3	4° 8	21° 3	14° 8	20°48	26°46	22°27	19° 6	17°41	14°34	20°27	M15
T 16	9 44 21	27°23'55	9♋18	0♓ 6	14°43	4°34	20°57	14° 3	20°46	26°47	22°29	19° 8	17°38	14°41	20°26	T 16
W17	9 48 18	28°24'29	22°51	1°56	15°24	5° 1	20°52	13°59	20°44	26°48	22°31	19°R 8	17°35	14°48	20°25	W17
T 18	9 52 15	29°25'02	6♌50	3°47	16° 6	5°27	20°47	13°54	20°42	26°50	22°32	19° 6	17°32	14°55	20°25	T 18
F 19	9 56 11	0♓25'32	21°13	5°38	16°49	5°54	20°43	13°50	20°41	26°51	22°34	19° 3	17°28	15° 1	20°24	F 19
S 20	10 0 8	1°26'01	5♍57	7°29	17°33	6°21	20°38	13°45	20°39	26°53	22°36	18°58	17°25	15° 8	20°24	S 20
S 21	10 4 4	2°26'29	20°53	9°22	18°18	6°49	20°34	13°40	20°37	26°54	22°38	18°51	17°22	15°15	20°23	S 21
M22	10 8 1	3°26'55	5♎52	11°14	19° 5	7°16	20°29	13°36	20°35	26°56	22°39	18°44	17°19	15°21	20°23	M22
T 23	10 11 57	4°27'19	20°45	13° 6	19°52	7°44	20°25	13°31	20°34	26°57	22°41	18°38	17°16	15°28	20°23	T 23
W24	10 15 54	5°27'42	5♏26	14°58	20°39	8°12	20°21	13°26	20°32	26°59	22°43	18°33	17°13	15°35	20°23	W24
T 25	10 19 50	6°28'04	19°47	16°50	21°28	8°40	20°18	13°22	20°30	27° 0	22°45	18°29	17° 9	15°42	20°D23	T 25
F 26	10 23 47	7°28'25	3♐47	18°41	22°18	9° 8	20°14	13°17	20°29	27° 2	22°46	18°D28	17° 6	15°48	20°23	F 26
S 27	10 27 43	8°28'44	17°26	20°32	23° 8	9°37	20°11	13°12	20°27	27° 3	22°48	18°28	17° 3	15°55	20°23	S 27
S 28	10 31 40	9♓29'02	0♉44	22♓21	23♉59	10♊ 6	20♋ 8	13♍ 7	20♋26	27♈ 5	22♒50	18♋29	17♋ 0	16♈ 2	20♊23	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 8	21s57	1n26	21s 4	1s54	16s54	6n20	21n52	2n 6	21n58	0n25	7n45	2n 1	22n15	0n30	8n38	1s42	22s35	8s56	22n 0	22n10	0n25	17n12	5s56
T 2	16 51	22 7	0 15	20 43	1 57	16 56	6 17	21 57	2 6	21 59	0 25	7 46	2 2	22 15	0 30	8 39	1 42	22 34	8 56	22 0	22 10	0 27	17 12	5 55
W 3	16 33	21 6	0s55	20 20	1 59	16 59	6 14	22 2	2 6	22 0	0 25	7 48	2 2	22 15	0 30	8 39	1 42	22 34	8 56	22 0	22 11	0 30	17 12	5 55
T 4	16 16	19 1	2 2	19 56	2 1	17 1	6 10	22 6	2 6	22 2	0 25	7 49	2 2	22 16	0 30	8 39	1 42	22 33	8 56	22 0	22 11	0 32	17 12	5 55
F 5	15 57	16 4	3 2	19 30	2 3	17 3	6 7	22 11	2 6	22 3	0 26	7 51	2 2	22 16	0 30	8 40	1 42	22 33	8 56	22 1	22 12	0 35	17 13	5 55
S 6	15 39	12 26	3 52	19 3	2 4	17 6	6 2	22 16	2 5	22 4	0 26	7 53	2 2	22 16	0 30	8 40	1 42	22 32	8 56	22 1	22 12	0 37	17 13	5 54
S 7	15 21	8 21	4 31	18 34	2 5	17 8	5 58	22 21	2 5	22 5	0 26	7 55	2 3	22 17	0 30	8 41	1 42	22 32	8 56	22 2	22 13	0 40	17 13	5 54
M 8	15 2	4 0	4 57	18 4	2 5	17 11	5 54	22 26	2 5	22 6	0 26	7 56	2 3	22 17	0 30	8 41	1 42	22 31	8 56	22 3	22 13	0 42	17 13	5 54
T 9	14 43	0n29	5 10	17 32	2 5	17 13	5 49	22 31	2 5	22 7	0 26	7 58	2 3	22 17	0 30	8 41	1 42	22 30	8 56	22 4	22 13	0 45	17 13	5 53
W10	14 23	4 55	5 10	16 59	2 5	17 16	5 44	22 36	2 5	22 8	0 26	8 0	2 3	22 18	0 30	8 42	1 42	22 30	8 56	22 4	22 14	0 48	17 14	5 53
T 11	14 4	9 10	4 57	16 25	2 4	17 18	5 39	22 41	2 5	22 9	0 26	8 2	2 3	22 18	0 30	8 42	1 42	22 29	8 56	22 5	22 14	0 50	17 14	5 53
F 12	13 44	13 7	4 31	15 49	2 3	17 20	5 34	22 45	2 5	22 10	0 26	8 3	2 3	22 18	0 30	8 43	1 41	22 29	8 56	22 5	22 15	0 53	17 14	5 52
S 13	13 24	16 36	3 52	15 12	2 1	17 22	5 28	22 50	2 4	22 11	0 26	8 5	2 4	22 19	0 30	8 43	1 41	22 28	8 56	22 5	22 15	0 55	17 14	5 52
S 14	13 4	19 24	3 2	14 33	1 59	17 24	5 23	22 55	2 4	22 12	0 26	8 7	2 4	22 19	0 30	8 44	1 41	22 28	8 56	22 5	22 15	0 58	17 15	5 52
M15	12 43	21 21	2 2	13 53	1 56	17 26	5 17	23 0	2 4	22 13	0 26	8 9	2 4	22 19	0 30	8 44	1 41	22 27	8 56	22 4	22 16	1 0	17 15	5 51
T 16	12 22	22 13	0 53	13 11	1 52	17 28	5 12	23 4	2 4	22 14	0 26	8 11	2 4	22 19	0 30	8 45	1 41	22 27	8 56	22 4	22 16	1 3	17 15	5 51
W17	12 1	21 50	0n20	12 28	1 49	17 29	5 6	23 9	2 3	22 15	0 26	8 13	2 4	22 20	0 30	8 45	1 41	22 26	8 56	22 4	22 17	1 5	17 16	5 51
T 18	11 40	20 5	1 35	11 44	1 44	17 30	5 0	23 14	2 3	22 16	0 27	8 14	2 4	22 20	0 30	8 46	1 41	22 26	8 56	22 4	22 17	1 8	17 16	5 50
F 19	11 19	17 2	2 45	10 59	1 39	17 31	4 54	23 18	2 3	22 17	0 27	8 16	2 4	22 20	0 30	8 47	1 41	22 25	8 57	22 5	22 18	1 10	17 16	5 50
S 20	10 58	12 50	3 46	10 12	1 33	17 32	4 48	23 23	2 3	22 17	0 27	8 18	2 5	22 21	0 30	8 47	1 41	22 25	8 57	22 6	22 18	1 13	17 17	5 49
S 21	10 36	7 47	4 33	9 24	1 27	17 32	4 42	23 27	2 3	22 18	0 27	8 20	2 5	22 21	0 30	8 48	1 41	22 24	8 57	22 6	22 18	1 15	17 17	5 49
M22	10 14	2 16	5 0	8 35	1 20	17 32	4 35	23 32	2 2	22 19	0 27	8 22	2 5	22 21	0 30	8 48	1 41	22 24	8 57	22 7	22 19	1 18	17 17	5 49
T 23	9 52	3s21	5 8	7 46	1 13	17 32	4 29	23 36	2 2	22 19	0 27	8 24	2 5	22 21	0 30	8 49	1 41	22 23	8 57	22 8	22 19	1 20	17 18	5 48
W24	9 30	8 41	4 55	6 55	1 5	17 31	4 23	23 40	2 2	22 20	0 27	8 26	2 5	22 22	0 30	8 49	1 41	22 23	8 57	22 9	22 20	1 23	17 18	5 48
T 25	9 8	13 27	4 24	6 3	0 56	17 30	4 16	23 45	2 2	22 21	0 27	8 28	2 5	22 22	0 30	8 50	1 41	22 22	8 57	22 9	22 20	1 26	17 18	5 48
F 26	8 46	17 21	3 37	5 11	0 47	17 29	4 10	23 49	2 1	22 21	0 27	8 30	2 5	22 22	0 30	8 51	1 41	22 22	8 57	22 10	22 20	1 28	17 19	5 47
S 27	8 23	20 12	2 39	4 19	0 36	17 27	4 4	23 53	2 1	22 22	0 27	8 32	2 5	22 22	0 30	8 51	1 41	22 21	8 57	22 10	22 21	1 31	17 19	5 47
S 28	8s 1	21s52	1n34	3s26	0s26	17s25	3n57	23n57	2n 1	22n22	0n27	8n34	2n 5	22n22	0n30	8n52	1s41	22s21	8s57	22n 9	22n21	1n33	17n19	5s47

Julian Day Number = 2465455.5, Delta T = 71.30 sec
Ecliptic obliquity = 23°26'01, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'20, Lahiri = 24°23'21

ASTRODIENST EPHEMERIS for the year 2038
geocentric

MARCH 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 37	10♓29'18	13♉45	24♓ 8	24♉51	10♊34	20°R 5	13°R 3	20°R24	27♈ 7	22♒52	18°R30	16♋57	16♈ 9	20♊23	M 1
T 2	10 39 33	11°29'33	26°31	25°53	25°43	11° 3	20♋ 2	12♍58	20♋23	27° 8	22°53	18♋30	16°53	16°15	20°24	T 2
W 3	10 43 30	12°29'46	9♒ 5	27°36	26°36	11°33	19°59	12°53	20°22	27°10	22°55	18°28	16°50	16°22	20°24	W 3
T 4	10 47 26	13°29'57	21°29	29°16	27°30	12° 2	19°57	12°48	20°20	27°12	22°57	18°23	16°47	16°29	20°25	T 4
F 5	10 51 23	14°30'07	3♓43	0♈52	28°24	12°31	19°55	12°43	20°19	27°14	22°58	18°16	16°44	16°35	20°25	F 5
S 6	10 55 19	15°30'15	15°51	2°24	29°19	13° 1	19°53	12°39	20°18	27°15	23° 0	18° 6	16°41	16°42	20°26	S 6
S 7	10 59 16	16°30'21	27°52	3°51	0♒14	13°31	19°51	12°34	20°17	27°17	23° 2	17°55	16°38	16°49	20°27	S 7
M 8	11 3 12	17°30'25	9♈49	5°13	1°10	14° 1	19°49	12°29	20°16	27°19	23° 3	17°43	16°34	16°56	20°28	M 8
T 9	11 7 9	18°30'27	21°41	6°29	2° 7	14°31	19°48	12°24	20°15	27°21	23° 5	17°31	16°31	17° 2	20°28	T 9
W10	11 11 6	19°30'28	3♉32	7°39	3° 3	15° 1	19°47	12°19	20°14	27°23	23° 6	17°21	16°28	17° 9	20°29	W10
T 11	11 15 2	20°30'26	15°24	8°42	4° 1	15°32	19°45	12°15	20°13	27°25	23° 8	17°13	16°25	17°16	20°30	T 11
F 12	11 18 59	21°30'22	27°21	9°38	4°59	16° 2	19°45	12°10	20°12	27°27	23°10	17° 7	16°22	17°22	20°32	F 12
S 13	11 22 55	22°30'16	9♊26	10°26	5°57	16°33	19°44	12° 5	20°11	27°28	23°11	17° 4	16°19	17°29	20°33	S 13
S 14	11 26 52	23°30'07	21°44	11° 6	6°56	17° 4	19°44	12° 1	20°10	27°30	23°13	17°D 3	16°15	17°36	20°34	S 14
M15	11 30 48	24°29'57	4♋21	11°38	7°55	17°35	19°43	11°56	20°10	27°32	23°14	17° 4	16°12	17°43	20°36	M15
T 16	11 34 45	25°29'44	17°21	12° 1	8°54	18° 6	19°D43	11°51	20° 9	27°34	23°16	17°R 4	16° 9	17°49	20°37	T 16
W17	11 38 41	26°29'29	0♌48	12°16	9°54	18°37	19°43	11°47	20° 8	27°36	23°17	17° 3	16° 6	17°56	20°39	W17
T 18	11 42 38	27°29'12	14°44	12°R22	10°54	19° 8	19°44	11°42	20° 8	27°38	23°19	17° 0	16° 3	18° 3	20°40	T 18
F 19	11 46 35	28°28'52	29°10	12°20	11°55	19°39	19°44	11°38	20° 7	27°40	23°20	16°55	15°59	18°10	20°42	F 19
S 20	11 50 31	29°28'31	14♍ 1	12°10	12°56	20°11	19°45	11°33	20° 7	27°42	23°22	16°47	15°56	18°16	20°44	S 20
S 21	11 54 28	0♈28'07	29°11	11°52	13°57	20°42	19°46	11°29	20° 6	27°44	23°23	16°37	15°53	18°23	20°45	S 21
M22	11 58 24	1°27'41	14♎29	11°27	14°59	21°14	19°47	11°25	20° 6	27°46	23°25	16°26	15°50	18°30	20°47	M22
T 23	12 2 21	2°27'13	29°44	10°55	16° 1	21°46	19°48	11°20	20° 6	27°49	23°26	16°16	15°47	18°36	20°49	T 23
W24	12 6 17	3°26'44	14♏44	10°18	17° 3	22°18	19°50	11°16	20° 5	27°51	23°28	16° 7	15°44	18°43	20°51	W24
T 25	12 10 14	4°26'12	29°23	9°36	18° 6	22°50	19°52	11°12	20° 5	27°53	23°29	16° 1	15°40	18°50	20°53	T 25
F 26	12 14 10	5°25'39	13♐36	8°49	19° 9	23°22	19°53	11° 8	20° 5	27°55	23°31	15°57	15°37	18°57	20°56	F 26
S 27	12 18 7	6°25'05	27°20	8° 0	20°12	23°54	19°55	11° 3	20° 5	27°57	23°32	15°56	15°34	19° 3	20°58	S 27
S 28	12 22 4	7°24'28	10♑39	7° 9	21°15	24°26	19°58	10°59	20°D 5	27°59	23°33	15°56	15°31	19°10	21° 0	S 28
M29	12 26 0	8°23'50	23°35	6°17	22°19	24°58	20° 0	10°55	20° 5	28° 1	23°35	15°56	15°28	19°17	21° 3	M29
T 30	12 29 57	9°23'10	6♒13	5°26	23°23	25°31	20° 3	10°51	20° 5	28° 3	23°36	15°54	15°25	19°24	21° 5	T 30
W31	12 33 53	10♈22'28	18♒35	4♈36	24♒27	26♊ 3	20♋ 5	10♍48	20♋ 5	28♈ 6	23♒37	15♋51	15♋21	19♈30	21♊ 8	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	7s38	22s18	0n26	2s33	0s15	17s22	3n51	24n 1	2n 0	22n23	0n27	8n35	2n 5	22n23	0n30	8n53	1s41	22s20	8s58	22n 9	22n22	1n36	17n20	5s46
T 2	7 15	21 33	0s43	1 41	0 3	17 19	3 44	24 5	2 0	22 23	0 27	8 37	2 6	22 23	0 30	8 53	1 41	22 20	8 58	22 9	22 22	1 38	17 20	5 46
W 3	6 52	19 43	1 48	0 49	0n 9	17 16	3 38	24 8	2 0	22 24	0 27	8 39	2 6	22 23	0 30	8 54	1 41	22 19	8 58	22 10	22 22	1 41	17 21	5 45
T 4	6 29	16 59	2 47	0n 3	0 22	17 12	3 31	24 12	2 0	22 24	0 27	8 41	2 6	22 23	0 30	8 54	1 41	22 19	8 58	22 10	22 23	1 43	17 21	5 45
F 5	6 6	13 31	3 37	0 53	0 35	17 8	3 25	24 16	1 59	22 25	0 27	8 43	2 6	22 23	0 30	8 55	1 41	22 19	8 58	22 11	22 23	1 46	17 21	5 45
S 6	5 43	9 32	4 17	1 42	0 49	17 3	3 18	24 19	1 59	22 25	0 27	8 45	2 6	22 24	0 30	8 56	1 41	22 18	8 58	22 13	22 24	1 48	17 22	5 44
S 7	5 19	5 12	4 45	2 29	1 2	16 58	3 12	24 23	1 59	22 25	0 27	8 47	2 6	22 24	0 30	8 56	1 40	22 18	8 58	22 14	22 24	1 51	17 22	5 44
M 8	4 56	0 43	5 0	3 14	1 16	16 53	3 5	24 26	1 58	22 25	0 27	8 49	2 6	22 24	0 30	8 57	1 40	22 17	8 59	22 16	22 24	1 54	17 23	5 44
T 9	4 33	3n46	5 2	3 57	1 30	16 47	2 59	24 29	1 58	22 26	0 28	8 51	2 6	22 24	0 30	8 58	1 40	22 17	8 59	22 17	22 25	1 56	17 23	5 43
W10	4 9	8 7	4 51	4 37	1 43	16 40	2 53	24 33	1 58	22 26	0 28	8 53	2 6	22 24	0 30	8 59	1 40	22 16	8 59	22 19	22 25	1 59	17 24	5 43
T 11	3 46	12 11	4 28	5 14	1 57	16 33	2 46	24 36	1 57	22 26	0 28	8 54	2 6	22 24	0 30	8 59	1 40	22 16	8 59	22 20	22 26	2 1	17 24	5 43
F 12	3 22	15 47	3 52	5 48	2 10	16 26	2 40	24 39	1 57	22 26	0 28	8 56	2 6	22 24	0 30	9 0	1 40	22 16	8 59	22 20	22 26	2 4	17 24	5 42
S 13	2 58	18 48	3 6	6 19	2 22	16 18	2 33	24 41	1 57	22 26	0 28	8 58	2 6	22 24	0 30	9 1	1 40	22 15	8 59	22 21	22 26	2 6	17 25	5 42
S 14	2 35	21 0	2 10	6 45	2 34	16 10	2 27	24 44	1 56	22 26	0 28	9 0	2 6	22 25	0 30	9 1	1 40	22 15	9 0	22 21	22 27	2 9	17 25	5 41
M15	2 11	22 15	1 7	7 8	2 46	16 1	2 21	24 47	1 56	22 27	0 28	9 2	2 6	22 25	0 30	9 2	1 40	22 15	9 0	22 21	22 27	2 11	17 26	5 41
T 16	1 47	22 20	0n 1	7 27	2 56	15 52	2 14	24 49	1 56	22 27	0 28	9 3	2 6	22 25	0 30	9 3	1 40	22 14	9 0	22 21	22 27	2 14	17 26	5 41
W17	1 24	21 9	1 12	7 41	3 5	15 42	2 8	24 52	1 55	22 27	0 28	9 5	2 6	22 25	0 30	9 4	1 40	22 14	9 0	22 21	22 28	2 17	17 27	5 40
T 18	1 0	18 40	2 21	7 51	3 13	15 32	2 2	24 54	1 55	22 27	0 28	9 7	2 6	22 25	0 30	9 4	1 40	22 14	9 0	22 21	22 28	2 19	17 27	5 40
F 19	0 36	14 56	3 23	7 56	3 19	15 21	1 56	24 56	1 55	22 27	0 28	9 9	2 6	22 25	0 30	9 5	1 40	22 13	9 0	22 22	22 29	2 22	17 28	5 40
S 20	0 13	10 11	4 14	7 57	3 25	15 10	1 50	24 58	1 54	22 26	0 28	9 10	2 6	22 25	0 30	9 6	1 40	22 13	9 1	22 23	22 29	2 24	17 28	5 39
S 21	0n11	4 43	4 47	7 53	3 28	14 59	1 44	25 0	1 54	22 26	0 28	9 12	2 6	22 25	0 30	9 7	1 40	22 13	9 1	22 24	22 29	2 27	17 29	5 39
M22	0 35	1s 5	5 1	7 45	3 30	14 47	1 38	25 2	1 54	22 26	0 28	9 14	2 6	22 25	0 30	9 7	1 40	22 12	9 1	22 25	22 30	2 29	17 29	5 39
T 23	0 59	6 48	4 53	7 32	3 30	14 34	1 32	25 4	1 53	22 26	0 28	9 15	2 6	22 25	0 30	9 8	1 40	22 12	9 1	22 27	22 30	2 32	17 30	5 38
W24	1 22	12 2	4 25	7 16	3 28	14 21	1 26	25 5	1 53	22 26	0 28	9 17	2 6	22 25	0 30	9 9	1 40	22 12	9 1	22 28	22 30	2 35	17 30	5 38
T 25	1 46	16 26	3 40	6 56	3 24	14 8	1 20	25 7	1 53	22 26	0 28	9 18	2 6	22 25	0 30	9 10	1 40	22 11	9 2	22 28	22 31	2 37	17 31	5 38
F 26	2 9	19 45	2 42	6 33	3 19	13 54	1 14	25 8	1 52	22 25	0 28	9 20	2 6	22 25	0 30	9 10	1 40	22 11	9 2	22 29	22 31	2 40	17 31	5 37
S 27	2 33	21 48	1 37	6 6	3 12	13 40	1 8	25 9	1 52	22 25	0 28	9 22	2 6	22 25	0 30	9 11	1 40	22 11	9 2	22 29	22 32	2 42	17 31	5 37
S 28	2 56	22 33	0 28	5 38	3 3	13 25	1 3	25 11	1 52	22 25	0 28	9 23	2 6	22 25	0 30	9 12	1 40	22 11	9 2	22 29	22 32	2 45	17 32	5 36
M29	3 20	22 2	0s40	5 8	2 52	13 10	0 57	25 11	1 51	22 24	0 28	9 25	2 6	22 25	0 29	9 13	1 40	22 10	9 3	22 29	22 32	2 47	17 32	5 36
T 30	3 43	20 25	1 45	4 37	2 40	12 55	0 52	25 12	1 51	22 24	0 28	9 26	2 6	22 25	0 29	9 14	1 40	22 10	9 3	22 29	22 33	2 50	17 33	5 36
W31	4n 6	17s50	2s43	4n 5	2n27	12s39	0n46	25n13	1n51	22n24	0n28	9n27	2n 6	22n25	0n29	9n14	1s40	22s10	9s 3	22n30	22n33	2n53	17n33	5s35

Julian Day Number = 2465483.5, Delta T = 71.32 sec
Ecliptic obliquity = 23°26'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'24, Lahiri = 24°23'25

ASTRODIENST EPHEMERIS for the year 2038
geocentric

APRIL 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 50	11♈21'44	0♓47	3°R48	25♒31	26♊36	20♋ 8	10°R44	20♋ 5	28♈ 8	23♒39	15°R45	15♋18	19♈37	21♊10	T 1
F 2	12 41 46	12°20'59	12°51	3♈ 3	26°36	27° 9	20°12	10♍40	20° 6	28°10	23°40	15♋35	15°15	19°44	21°13	F 2
S 3	12 45 43	13°20'11	24°49	2°21	27°41	27°41	20°15	10°36	20° 6	28°12	23°41	15°23	15°12	19°50	21°16	S 3
S 4	12 49 39	14°19'22	6♈44	1°44	28°46	28°14	20°18	10°33	20° 6	28°14	23°42	15°10	15° 9	19°57	21°19	S 4
M 5	12 53 36	15°18'30	18°37	1°12	29°51	28°47	20°22	10°29	20° 7	28°17	23°44	14°55	15° 5	20° 4	21°21	M 5
T 6	12 57 32	16°17'36	0♉28	0°45	0♓56	29°20	20°26	10°26	20° 7	28°19	23°45	14°40	15° 2	20°11	21°24	T 6
W 7	13 1 29	17°16'41	12°21	0°23	2° 2	29°53	20°30	10°22	20° 8	28°21	23°46	14°28	14°59	20°17	21°27	W 7
T 8	13 5 26	18°15'43	24°16	0° 7	3° 7	0♋26	20°34	10°19	20° 8	28°23	23°47	14°17	14°56	20°24	21°30	T 8
F 9	13 9 22	19°14'43	6♊15	29♓56	4°13	1° 0	20°39	10°16	20° 9	28°26	23°48	14°10	14°53	20°31	21°34	F 9
S 10	13 13 19	20°13'41	18°22	29°50	5°19	1°33	20°43	10°13	20° 9	28°28	23°49	14° 5	14°50	20°37	21°37	S 10
S 11	13 17 15	21°12'37	0♋41	29°D50	6°26	2° 6	20°48	10°10	20°10	28°30	23°51	14° 3	14°46	20°44	21°40	S 11
M12	13 21 12	22°11'30	13°16	29°55	7°32	2°40	20°53	10° 7	20°11	28°32	23°52	14°D 2	14°43	20°51	21°43	M12
T 13	13 25 8	23°10'22	26°11	0♈ 6	8°39	3°13	20°58	10° 4	20°12	28°35	23°53	14°R 2	14°40	20°58	21°47	T 13
W14	13 29 5	24° 9'11	9♌30	0°21	9°45	3°47	21° 3	10° 1	20°13	28°37	23°54	14° 2	14°37	21° 4	21°50	W14
T 15	13 33 1	25° 7'57	23°18	0°41	10°52	4°20	21° 8	9°59	20°14	28°39	23°55	13°59	14°34	21°11	21°54	T 15
F 16	13 36 58	26° 6'41	7♍34	1° 6	11°59	4°54	21°14	9°56	20°15	28°41	23°56	13°54	14°30	21°18	21°57	F 16
S 17	13 40 55	27° 5'23	22°18	1°35	13° 6	5°28	21°20	9°54	20°16	28°44	23°57	13°47	14°27	21°25	22° 1	S 17
S 18	13 44 51	28° 4'03	7♎23	2° 8	14°14	6° 2	21°25	9°51	20°17	28°46	23°58	13°37	14°24	21°31	22° 4	S 18
M19	13 48 48	29° 2'41	22°42	2°46	15°21	6°35	21°31	9°49	20°18	28°48	23°58	13°27	14°21	21°38	22° 8	M19
T 20	13 52 44	0♉ 1'17	8♏ 2	3°27	16°29	7° 9	21°37	9°47	20°19	28°50	23°59	13°17	14°18	21°45	22°12	T 20
W21	13 56 41	0°59'51	23°12	4°12	17°36	7°43	21°44	9°44	20°20	28°53	24° 0	13° 8	14°15	21°51	22°16	W21
T 22	14 0 37	1°58'23	8♐ 2	5° 0	18°44	8°17	21°50	9°42	20°21	28°55	24° 1	13° 1	14°11	21°58	22°20	T 22
F 23	14 4 34	2°56'54	22°26	5°52	19°52	8°51	21°57	9°41	20°23	28°57	24° 2	12°58	14° 8	22° 5	22°24	F 23
S 24	14 8 30	3°55'23	6♑21	6°47	21° 0	9°25	22° 3	9°39	20°24	28°59	24° 3	12°56	14° 5	22°12	22°28	S 24
S 25	14 12 27	4°53'50	19°48	7°44	22° 8	10° 0	22°10	9°37	20°26	29° 2	24° 4	12°D56	14° 2	22°18	22°32	S 25
M26	14 16 24	5°52'16	2♒48	8°45	23°16	10°34	22°17	9°35	20°27	29° 4	24° 4	12°R56	13°59	22°25	22°36	M26
T 27	14 20 20	6°50'40	15°26	9°49	24°25	11° 8	22°24	9°34	20°29	29° 6	24° 5	12°56	13°56	22°32	22°40	T 27
W28	14 24 17	7°49'03	27°47	10°55	25°33	11°42	22°32	9°32	20°30	29° 8	24° 6	12°54	13°52	22°38	22°44	W28
T 29	14 28 13	8°47'24	9♓54	12° 4	26°42	12°17	22°39	9°31	20°32	29°11	24° 6	12°50	13°49	22°45	22°48	T 29
F 30	14 32 10	9♉45'43	21♓53	13♈15	27♓50	12♋51	22♋47	9♍30	20♋34	29♈13	24♒ 7	12♋43	13♋46	22♈52	22♊52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n30	14s31	3s33	3n33	2n13	12s22	0n41	25n14	1n50	22n23	0n28	9n29	2n 6	22n25	0n29	9n15	1s40	22s10	9s 3	22n30	22n33	2n55	17n34	5s35
F 2	4 53	10 37	4 13	3 1	1 59	12 6	0 35	25 14	1 50	22 23	0 28	9 30	2 6	22 25	0 29	9 16	1 40	22 9	9 3	22 31	22 34	2 58	17 34	5 35
S 3	5 16	6 21	4 41	2 31	1 43	11 48	0 30	25 14	1 49	22 22	0 28	9 32	2 6	22 25	0 29	9 17	1 40	22 9	9 4	22 33	22 34	3 0	17 35	5 35
S 4	5 39	1 52	4 56	2 2	1 27	11 31	0 25	25 14	1 49	22 22	0 28	9 33	2 6	22 25	0 29	9 17	1 40	22 9	9 4	22 34	22 34	3 3	17 35	5 34
M 5	6 2	2n41	4 59	1 34	1 11	11 13	0 20	25 14	1 49	22 21	0 28	9 34	2 5	22 25	0 29	9 18	1 40	22 9	9 4	22 36	22 35	3 5	17 36	5 34
T 6	6 24	7 8	4 48	1 8	0 55	10 54	0 15	25 14	1 48	22 21	0 28	9 35	2 5	22 25	0 29	9 19	1 40	22 9	9 4	22 38	22 35	3 8	17 36	5 34
W 7	6 47	11 20	4 25	0 45	0 39	10 36	0 10	25 14	1 48	22 20	0 28	9 37	2 5	22 25	0 29	9 20	1 40	22 8	9 5	22 39	22 36	3 11	17 37	5 33
T 8	7 10	15 6	3 50	0 24	0 23	10 17	0 5	25 14	1 48	22 20	0 28	9 38	2 5	22 24	0 29	9 21	1 40	22 8	9 5	22 40	22 36	3 13	17 37	5 33
F 9	7 32	18 18	3 5	0 5	0 8	9 57	0 0	25 13	1 47	22 19	0 28	9 39	2 5	22 24	0 29	9 21	1 40	22 8	9 5	22 41	22 36	3 16	17 38	5 33
S 10	7 54	20 45	2 11	0s11	0s 7	9 37	0s 4	25 12	1 47	22 18	0 28	9 40	2 5	22 24	0 29	9 22	1 40	22 8	9 5	22 41	22 37	3 18	17 38	5 32
S 11	8 16	22 16	1 10	0 24	0 22	9 17	0 9	25 12	1 47	22 18	0 28	9 41	2 5	22 24	0 29	9 23	1 40	22 8	9 6	22 42	22 37	3 21	17 39	5 32
M12	8 38	22 42	0 4	0 35	0 36	8 57	0 13	25 11	1 46	22 17	0 28	9 42	2 5	22 24	0 29	9 24	1 40	22 8	9 6	22 42	22 37	3 23	17 39	5 32
T 13	9 0	21 57	1n 4	0 43	0 49	8 36	0 18	25 9	1 46	22 16	0 28	9 43	2 5	22 24	0 29	9 25	1 40	22 8	9 6	22 42	22 38	3 26	17 40	5 32
W14	9 22	19 58	2 10	0 49	1 2	8 15	0 22	25 8	1 45	22 15	0 28	9 44	2 5	22 24	0 29	9 26	1 40	22 7	9 6	22 42	22 38	3 29	17 40	5 31
T 15	9 43	16 46	3 12	0 52	1 14	7 54	0 27	25 7	1 45	22 14	0 28	9 45	2 5	22 24	0 29	9 26	1 40	22 7	9 7	22 42	22 38	3 31	17 41	5 31
F 16	10 5	12 29	4 3	0 52	1 26	7 32	0 31	25 5	1 45	22 14	0 28	9 46	2 4	22 23	0 29	9 27	1 40	22 7	9 7	22 42	22 39	3 34	17 41	5 31
S 17	10 26	7 21	4 41	0 51	1 36	7 10	0 35	25 3	1 44	22 13	0 29	9 47	2 4	22 23	0 29	9 28	1 40	22 7	9 7	22 43	22 39	3 36	17 42	5 30
S 18	10 47	1 39	4 59	0 47	1 46	6 48	0 39	25 2	1 44	22 12	0 29	9 47	2 4	22 23	0 29	9 29	1 40	22 7	9 8	22 44	22 39	3 39	17 42	5 30
M19	11 8	4s13	4 57	0 40	1 56	6 26	0 43	25 0	1 43	22 11	0 29	9 48	2 4	22 23	0 29	9 29	1 40	22 7	9 8	22 45	22 40	3 42	17 43	5 30
T 20	11 29	9 51	4 34	0 32	2 4	6 3	0 46	24 57	1 43	22 10	0 29	9 49	2 4	22 23	0 29	9 30	1 40	22 7	9 8	22 46	22 40	3 44	17 43	5 30
W21	11 49	14 50	3 51	0 21	2 12	5 40	0 50	24 55	1 43	22 9	0 29	9 50	2 4	22 22	0 29	9 31	1 40	22 7	9 8	22 47	22 40	3 47	17 44	5 29
T 22	12 9	18 47	2 54	0 9	2 20	5 17	0 54	24 53	1 42	22 8	0 29	9 50	2 4	22 22	0 29	9 32	1 40	22 7	9 9	22 48	22 41	3 49	17 44	5 29
F 23	12 29	21 27	1 47	0n 6	2 26	4 53	0 57	24 50	1 42	22 7	0 29	9 51	2 4	22 22	0 29	9 33	1 40	22 7	9 9	22 48	22 41	3 52	17 45	5 29
S 24	12 49	22 42	0 35	0 22	2 32	4 30	1 1	24 47	1 42	22 6	0 29	9 51	2 4	22 22	0 29	9 33	1 40	22 7	9 9	22 48	22 41	3 54	17 45	5 29
S 25	13 9	22 34	0s36	0 40	2 37	4 6	1 4	24 44	1 41	22 5	0 29	9 52	2 3	22 22	0 29	9 34	1 40	22 7	9 9	22 48	22 42	3 57	17 45	5 28
M26	13 29	21 13	1 44	1 0	2 42	3 42	1 7	24 41	1 41	22 4	0 29	9 53	2 3	22 21	0 29	9 35	1 40	22 7	9 10	22 48	22 42	4 0	17 46	5 28
T 27	13 48	18 49	2 44	1 21	2 45	3 18	1 10	24 38	1 40	22 3	0 29	9 53	2 3	22 21	0 29	9 36	1 40	22 7	9 10	22 48	22 42	4 2	17 46	5 28
W28	14 7	15 36	3 35	1 44	2 49	2 53	1 13	24 35	1 40	22 1	0 29	9 53	2 3	22 21	0 29	9 37	1 40	22 7	9 10	22 48	22 43	4 5	17 47	5 28
T 29	14 26	11 47	4 15	2 8	2 51	2 29	1 16	24 31	1 40	22 0	0 29	9 54	2 3	22 21	0 29	9 37	1 40	22 7	9 11	22 49	22 43	4 7	17 47	5 28
F 30	14n44	7s34	4s44	2n34	2s53	2s 4	1s19	24n28	1n39	21n59	0n29	9n54	2n 3	22n20	0n29	9n38	1s40	22s 7	9s11	22n50	22n43	4n10	17n48	5s27

Julian Day Number = 2465514.5, Delta T = 71.34 sec
Ecliptic obliquity = 23°26'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'29, Lahiri = 24°23'29

ASTRODIENST EPHEMERIS for the year 2038
geocentric

MAY 2038

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 6	10♉44'01	3♈47	14♈29	28♓59	13♋26	22♋54	9°R29	20♋35	29♈15	24♒ 8	12°R34	13♋43	22♈59	22♊57	S 1
S 2	14 40 3	11°42'17	15°39	15°45	0♈ 8	14° 0	23° 2	9♍28	20°37	29°17	24° 8	12♋23	13°40	23° 5	23° 1	S 2
M 3	14 43 59	12°40'32	27°30	17° 3	1°17	14°35	23°10	9°27	20°39	29°20	24° 9	12°12	13°36	23°12	23° 5	M 3
T 4	14 47 56	13°38'44	9♉23	18°24	2°26	15° 9	23°18	9°26	20°41	29°22	24° 9	12° 0	13°33	23°19	23°10	T 4
W 5	14 51 53	14°36'56	21°20	19°47	3°35	15°44	23°26	9°25	20°43	29°24	24°10	11°50	13°30	23°26	23°14	W 5
T 6	14 55 49	15°35'05	3♊21	21°11	4°44	16°19	23°35	9°25	20°45	29°26	24°10	11°42	13°27	23°32	23°19	T 6
F 7	14 59 46	16°33'13	15°29	22°38	5°53	16°53	23°43	9°24	20°47	29°28	24°11	11°36	13°24	23°39	23°23	F 7
S 8	15 3 42	17°31'19	27°45	24° 8	7° 2	17°28	23°52	9°24	20°49	29°31	24°11	11°33	13°21	23°46	23°28	S 8
S 9	15 7 39	18°29'23	10♋12	25°39	8°12	18° 3	24° 0	9°23	20°51	29°33	24°12	11°D32	13°17	23°52	23°33	S 9
M10	15 11 35	19°27'26	22°53	27°12	9°21	18°38	24° 9	9°23	20°53	29°35	24°12	11°33	13°14	23°59	23°37	M10
T 11	15 15 32	20°25'26	5♌50	28°47	10°31	19°13	24°18	9°D23	20°55	29°37	24°13	11°34	13°11	24° 6	23°42	T 11
W12	15 19 28	21°23'25	19° 8	0♉24	11°40	19°48	24°27	9°23	20°57	29°39	24°13	11°R34	13° 8	24°13	23°47	W12
T 13	15 23 25	22°21'21	2♍49	2° 4	12°50	20°23	24°36	9°23	20°59	29°41	24°13	11°34	13° 5	24°19	23°52	T 13
F 14	15 27 22	23°19'16	16°55	3°45	14° 0	20°58	24°45	9°23	21° 2	29°44	24°14	11°32	13° 2	24°26	23°56	F 14
S 15	15 31 18	24°17'09	1♎24	5°28	15° 9	21°33	24°55	9°24	21° 4	29°46	24°14	11°28	12°58	24°33	24° 1	S 15
S 16	15 35 15	25°15'00	16°13	7°14	16°19	22° 8	25° 4	9°24	21° 6	29°48	24°14	11°22	12°55	24°39	24° 6	S 16
M17	15 39 11	26°12'50	1♏15	9° 1	17°29	22°43	25°14	9°25	21° 9	29°50	24°14	11°15	12°52	24°46	24°11	M17
T 18	15 43 8	27°10'38	16°23	10°51	18°39	23°18	25°23	9°25	21°11	29°52	24°15	11° 9	12°49	24°53	24°16	T 18
W19	15 47 4	28° 8'25	1♐25	12°42	19°49	23°53	25°33	9°26	21°14	29°54	24°15	11° 3	12°46	25° 0	24°21	W19
T 20	15 51 1	29° 6'10	16°12	14°35	20°59	24°29	25°43	9°27	21°16	29°56	24°15	10°59	12°42	25° 6	24°26	T 20
F 21	15 54 57	0♊ 3'54	0♑39	16°31	22° 9	25° 4	25°53	9°28	21°19	29°58	24°15	10°57	12°39	25°13	24°31	F 21
S 22	15 58 54	1° 1'37	14°39	18°28	23°20	25°39	26° 3	9°29	21°21	29°59	24°15	10°D57	12°36	25°20	24°36	S 22
S 23	16 2 51	1°59'19	28°11	20°28	24°30	26°14	26°13	9°30	21°24	0♉ 2	24°15	10°58	12°33	25°26	24°41	S 23
M24	16 6 47	2°56'59	11♒18	22°29	25°40	26°50	26°23	9°32	21°27	0° 4	24°15	10°59	12°30	25°33	24°46	M24
T 25	16 10 44	3°54'39	24° 1	24°32	26°50	27°25	26°33	9°33	21°29	0° 6	24°R15	11° 0	12°27	25°40	24°51	T 25
W26	16 14 40	4°52'17	6♓25	26°37	28° 1	28° 1	26°44	9°34	21°32	0° 8	24°15	11°R 1	12°23	25°47	24°56	W26
T 27	16 18 37	5°49'55	18°34	28°43	29°11	28°36	26°54	9°36	21°35	0°10	24°15	11° 0	12°20	25°53	25° 2	T 27
F 28	16 22 33	6°47'32	0♈33	0♊51	0♉22	29°12	27° 5	9°38	21°38	0°12	24°15	10°57	12°17	26° 0	25° 7	F 28
S 29	16 26 30	7°45'07	12°26	3° 0	1°32	29°47	27°15	9°39	21°41	0°14	24°15	10°54	12°14	26° 7	25°12	S 29
S 30	16 30 26	8°42'42	24°18	5°10	2°43	0♌23	27°26	9°41	21°44	0°15	24°15	10°49	12°11	26°14	25°17	S 30
M31	16 34 23	9♊40'16	6♉10	7♊21	3♉54	0♌58	27♋37	9♍43	21♋46	0♉17	24♒15	10♋43	12♋ 7	26♈20	25♊22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 2	3s 5	5s 0	3n 1	2s55	1s39	1s22	24n24	1n39	21n58	0n29	9n54	2n 3	22n20	0n29	9n39	1s40	22s 7	9s11	22n50	22n44	4n13	17n48	5s27
S 2	15 21	1n30	5 3	3 30	2 55	1 14	1 24	24 20	1 38	21 56	0 29	9 55	2 2	22 20	0 29	9 40	1 40	22 7	9 12	22 51	22 44	4 15	17 48	5 27
M 3	15 38	6 2	4 53	4 0	2 55	0 49	1 27	24 16	1 38	21 55	0 29	9 55	2 2	22 19	0 29	9 40	1 40	22 7	9 12	22 52	22 44	4 18	17 49	5 27
T 4	15 56	10 21	4 30	4 31	2 55	0 24	1 29	24 11	1 38	21 54	0 29	9 55	2 2	22 19	0 29	9 41	1 40	22 7	9 12	22 53	22 45	4 20	17 49	5 27
W 5	16 13	14 18	3 55	5 3	2 54	0n 1	1 32	24 7	1 37	21 52	0 29	9 55	2 2	22 19	0 29	9 42	1 40	22 7	9 12	22 54	22 45	4 23	17 50	5 26
T 6	16 30	17 43	3 10	5 36	2 52	0 27	1 34	24 2	1 37	21 51	0 29	9 55	2 2	22 18	0 29	9 43	1 40	22 8	9 13	22 55	22 45	4 26	17 50	5 26
F 7	16 47	20 24	2 15	6 10	2 50	0 52	1 36	23 58	1 36	21 50	0 29	9 55	2 2	22 18	0 29	9 44	1 40	22 8	9 13	22 56	22 46	4 28	17 50	5 26
S 8	17 3	22 12	1 13	6 46	2 47	1 18	1 38	23 53	1 36	21 48	0 29	9 55	2 2	22 18	0 29	9 44	1 40	22 8	9 13	22 56	22 46	4 31	17 51	5 26
S 9	17 20	22 55	0 7	7 22	2 44	1 43	1 40	23 48	1 36	21 47	0 29	9 55	2 1	22 17	0 29	9 45	1 40	22 8	9 14	22 56	22 46	4 33	17 51	5 26
M10	17 35	22 29	1n 1	7 59	2 40	2 9	1 42	23 43	1 35	21 45	0 29	9 55	2 1	22 17	0 29	9 46	1 40	22 8	9 14	22 56	22 47	4 36	17 52	5 26
T 11	17 51	20 51	2 7	8 37	2 35	2 34	1 44	23 37	1 35	21 44	0 29	9 55	2 1	22 17	0 29	9 46	1 40	22 8	9 14	22 56	22 47	4 39	17 52	5 25
W12	18 6	18 4	3 8	9 16	2 31	3 0	1 45	23 32	1 35	21 42	0 29	9 55	2 1	22 16	0 29	9 47	1 40	22 8	9 15	22 56	22 47	4 41	17 52	5 25
T 13	18 21	14 12	4 1	9 55	2 25	3 26	1 47	23 26	1 34	21 40	0 29	9 55	2 1	22 16	0 29	9 48	1 40	22 9	9 15	22 56	22 47	4 44	17 53	5 25
F 14	18 36	9 28	4 40	10 35	2 19	3 51	1 48	23 21	1 34	21 39	0 29	9 55	2 1	22 16	0 29	9 49	1 40	22 9	9 15	22 56	22 48	4 46	17 53	5 25
S 15	18 50	4 5	5 3	11 16	2 13	4 17	1 50	23 15	1 33	21 37	0 29	9 54	2 1	22 15	0 29	9 49	1 40	22 9	9 15	22 56	22 48	4 49	17 53	5 25
S 16	19 4	1s39	5 7	11 57	2 6	4 43	1 51	23 9	1 33	21 35	0 29	9 54	2 0	22 15	0 29	9 50	1 40	22 9	9 16	22 57	22 48	4 51	17 54	5 25
M17	19 18	7 23	4 50	12 38	1 58	5 8	1 52	23 2	1 33	21 34	0 29	9 54	2 0	22 15	0 29	9 51	1 40	22 9	9 16	22 57	22 49	4 54	17 54	5 25
T 18	19 31	12 42	4 12	13 20	1 50	5 34	1 53	22 56	1 32	21 32	0 29	9 53	2 0	22 14	0 29	9 52	1 40	22 10	9 16	22 58	22 49	4 57	17 54	5 24
W19	19 44	17 13	3 17	14 2	1 42	5 59	1 54	22 50	1 32	21 30	0 29	9 53	2 0	22 14	0 29	9 52	1 40	22 10	9 17	22 58	22 49	4 59	17 55	5 24
T 20	19 57	20 34	2 10	14 44	1 33	6 25	1 55	22 43	1 31	21 28	0 29	9 52	2 0	22 13	0 29	9 53	1 40	22 10	9 17	22 59	22 50	5 2	17 55	5 24
F 21	20 10	22 30	0 56	15 26	1 24	6 50	1 56	22 36	1 31	21 27	0 29	9 52	2 0	22 13	0 29	9 54	1 40	22 10	9 17	22 59	22 50	5 4	17 55	5 24
S 22	20 22	22 58	0s20	16 7	1 15	7 16	1 56	22 29	1 30	21 25	0 29	9 51	1 59	22 13	0 29	9 54	1 40	22 11	9 18	22 59	22 50	5 7	17 56	5 24
S 23	20 33	22 2	1 32	16 49	1 5	7 41	1 57	22 22	1 30	21 23	0 29	9 51	1 59	22 12	0 29	9 55	1 40	22 11	9 18	22 59	22 51	5 10	17 56	5 24
M24	20 45	19 54	2 37	17 30	0 55	8 6	1 57	22 15	1 30	21 21	0 29	9 50	1 59	22 12	0 29	9 56	1 40	22 11	9 18	22 59	22 51	5 12	17 56	5 24
T 25	20 56	16 51	3 33	18 11	0 45	8 31	1 58	22 8	1 29	21 19	0 29	9 49	1 59	22 11	0 29	9 56	1 40	22 11	9 18	22 59	22 51	5 15	17 56	5 24
W26	21 6	13 8	4 17	18 50	0 34	8 56	1 58	22 0	1 29	21 17	0 29	9 49	1 59	22 11	0 29	9 57	1 40	22 12	9 19	22 59	22 51	5 17	17 57	5 24
T 27	21 16	8 56	4 48	19 29	0 24	9 20	1 58	21 53	1 28	21 15	0 29	9 48	1 59	22 10	0 29	9 58	1 40	22 12	9 19	22 59	22 52	5 20	17 57	5 24
F 28	21 26	4 28	5 6	20 7	0 13	9 45	1 58	21 45	1 28	21 13	0 29	9 47	1 59	22 10	0 29	9 58	1 40	22 12	9 19	22 59	22 52	5 23	17 57	5 24
S 29	21 36	0n 8	5 11	20 43	0 2	10 9	1 58	21 37	1 28	21 11	0 29	9 46	1 58	22 9	0 29	9 59	1 41	22 13	9 20	22 59	22 52	5 25	17 57	5 24
S 30	21 45	4 43	5 3	21 18	0n 8	10 34	1 58	21 29	1 27	21 9	0 29	9 46	1 58	22 9	0 28	9 59	1 41	22 13	9 20	23 0	22 53	5 28	17 58	5 24
M31	21n54	9n 9	4s41	21n50	0n19	10n58	1s58	21n21	1n27	21n 7	0n29	9n45	1n58	22n 9	0n28	10n 0	1s41	22s13	9s20	23n 0	22n53	5n30	17n58	5s24

Julian Day Number = 2465544.5, Delta T = 71.36 sec
Ecliptic obliquity = 23°26'02, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'33, Lahiri = 24°23'33

ASTRODIENST EPHEMERIS for the year 2038
geocentric

JUNE 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 20	10♊37'49	18♉ 7	9♊32	5♉ 4	1♌34	27♋48	9♍45	21♋49	0♉19	24°R15	10°R38	12♋ 4	26♈27	25♊28	T 1
W 2	16 42 16	11°35'21	0♊10	11°44	6°15	2°10	27°59	9°48	21°52	0°21	24♒14	10♋33	12° 1	26°34	25°33	W 2
T 3	16 46 13	12°32'52	12°21	13°57	7°26	2°45	28°10	9°50	21°55	0°23	24°14	10°30	11°58	26°40	25°38	T 3
F 4	16 50 9	13°30'22	24°42	16° 9	8°37	3°21	28°21	9°52	21°58	0°25	24°14	10°27	11°55	26°47	25°44	F 4
S 5	16 54 6	14°27'51	7♋13	18°20	9°48	3°57	28°32	9°55	22° 1	0°26	24°14	10°D26	11°52	26°54	25°49	S 5
S 6	16 58 2	15°25'19	19°56	20°31	10°59	4°33	28°43	9°57	22° 5	0°28	24°13	10°27	11°48	27° 1	25°54	S 6
M 7	17 1 59	16°22'46	2♌52	22°41	12°10	5° 9	28°55	10° 0	22° 8	0°30	24°13	10°28	11°45	27° 7	26° 0	M 7
T 8	17 5 55	17°20'12	16° 3	24°49	13°21	5°44	29° 6	10° 3	22°11	0°31	24°13	10°29	11°42	27°14	26° 5	T 8
W 9	17 9 52	18°17'36	29°29	26°56	14°32	6°20	29°18	10° 5	22°14	0°33	24°12	10°30	11°39	27°21	26°10	W 9
T 10	17 13 49	19°15'00	13♍12	29° 2	15°43	6°56	29°29	10° 8	22°17	0°35	24°12	10°R31	11°36	27°27	26°16	T 10
F 11	17 17 45	20°12'22	27°12	1♋ 6	16°54	7°32	29°41	10°11	22°20	0°36	24°12	10°31	11°33	27°34	26°21	F 11
S 12	17 21 42	21° 9'43	11♎29	3° 8	18° 5	8° 8	29°52	10°15	22°24	0°38	24°11	10°30	11°29	27°41	26°27	S 12
S 13	17 25 38	22° 7'03	25°59	5° 7	19°16	8°44	0♌ 4	10°18	22°27	0°40	24°11	10°29	11°26	27°48	26°32	S 13
M14	17 29 35	23° 4'23	10♏38	7° 5	20°27	9°20	0°16	10°21	22°30	0°41	24°10	10°27	11°23	27°54	26°37	M14
T 15	17 33 31	24° 1'41	25°22	9° 1	21°39	9°56	0°28	10°25	22°33	0°43	24°10	10°24	11°20	28° 1	26°43	T 15
W16	17 37 28	24°58'59	10♐ 2	10°54	22°50	10°32	0°40	10°28	22°37	0°44	24° 9	10°23	11°17	28° 8	26°48	W16
T 17	17 41 24	25°56'16	24°32	12°45	24° 1	11° 9	0°52	10°32	22°40	0°46	24° 9	10°22	11°13	28°14	26°54	T 17
F 18	17 45 21	26°53'32	8♑47	14°34	25°13	11°45	1° 4	10°35	22°43	0°47	24° 8	10°D21	11°10	28°21	26°59	F 18
S 19	17 49 18	27°50'48	22°41	16°20	26°24	12°21	1°16	10°39	22°47	0°49	24° 7	10°21	11° 7	28°28	27° 5	S 19
S 20	17 53 14	28°48'04	6♒12	18° 4	27°36	12°57	1°28	10°43	22°50	0°50	24° 7	10°22	11° 4	28°35	27°10	S 20
M21	17 57 11	29°45'19	19°20	19°45	28°47	13°33	1°40	10°47	22°54	0°51	24° 6	10°23	11° 1	28°41	27°15	M21
T 22	18 1 7	0♋42'34	2♓ 7	21°24	29°59	14°10	1°52	10°51	22°57	0°53	24° 5	10°24	10°58	28°48	27°21	T 22
W23	18 5 4	1°39'48	14°34	23° 1	1♊10	14°46	2° 5	10°55	23° 1	0°54	24° 5	10°25	10°54	28°55	27°26	W23
T 24	18 9 0	2°37'03	26°46	24°35	2°22	15°22	2°17	10°59	23° 4	0°55	24° 4	10°25	10°51	29° 1	27°32	T 24
F 25	18 12 57	3°34'17	8♈47	26° 7	3°33	15°59	2°29	11° 3	23° 8	0°57	24° 3	10°R25	10°48	29° 8	27°37	F 25
S 26	18 16 53	4°31'31	20°41	27°37	4°45	16°35	2°42	11° 8	23°11	0°58	24° 3	10°25	10°45	29°15	27°42	S 26
S 27	18 20 50	5°28'46	2♉34	29° 4	5°57	17°11	2°54	11°12	23°15	0°59	24° 2	10°24	10°42	29°22	27°48	S 27
M28	18 24 47	6°26'00	14°28	0♌28	7° 9	17°48	3° 7	11°16	23°18	1° 0	24° 1	10°24	10°39	29°28	27°53	M28
T 29	18 28 43	7°23'14	26°29	1°50	8°20	18°24	3°19	11°21	23°22	1° 1	24° 0	10°23	10°35	29°35	27°59	T 29
W30	18 32 40	8♋20'28	8♊38	3♌ 9	9♊32	19♌ 1	3♌32	11♍26	23♋25	1♉ 2	23♒59	10♋23	10♋32	29♈42	28♊ 4	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	13n15	4s 8	22n21	0n29	11n21	1s58	21n13	1n26	21n 5	0n30	9n44	1n58	22n 8	0n28	10n 1	1s41	22s14	9s21	23n 0	22n53	5n33	17n58	5s24
W 2	22 10	16 53	3 23	22 50	0 39	11 45	1 58	21 4	1 26	21 3	0 30	9 43	1 58	22 8	0 28	10 1	1 41	22 14	9 21	23 1	22 53	5 36	17 58	5 23
T 3	22 18	19 50	2 28	23 17	0 49	12 8	1 57	20 56	1 26	21 0	0 30	9 42	1 58	22 7	0 28	10 2	1 41	22 14	9 21	23 1	22 54	5 38	17 58	5 23
F 4	22 25	21 54	1 25	23 40	0 58	12 32	1 57	20 47	1 25	20 58	0 30	9 41	1 58	22 7	0 28	10 2	1 41	22 15	9 21	23 1	22 54	5 41	17 59	5 23
S 5	22 32	22 57	0 18	24 2	1 7	12 55	1 56	20 38	1 25	20 56	0 30	9 40	1 57	22 6	0 28	10 3	1 41	22 15	9 22	23 1	22 54	5 43	17 59	5 23
S 6	22 38	22 49	0n52	24 21	1 15	13 17	1 55	20 29	1 24	20 54	0 30	9 39	1 57	22 6	0 28	10 4	1 41	22 15	9 22	23 1	22 55	5 46	17 59	5 23
M 7	22 44	21 28	2 0	24 36	1 23	13 40	1 55	20 20	1 24	20 51	0 30	9 37	1 57	22 5	0 28	10 4	1 41	22 16	9 22	23 1	22 55	5 49	17 59	5 23
T 8	22 50	18 56	3 3	24 50	1 30	14 2	1 54	20 11	1 24	20 49	0 30	9 36	1 57	22 5	0 28	10 5	1 41	22 16	9 23	23 1	22 55	5 51	17 59	5 23
W 9	22 55	15 22	3 58	25 0	1 36	14 24	1 53	20 1	1 23	20 47	0 30	9 35	1 57	22 4	0 28	10 5	1 41	22 16	9 23	23 1	22 55	5 54	17 59	5 23
T 10	23 0	10 54	4 40	25 8	1 42	14 45	1 52	19 52	1 23	20 44	0 30	9 34	1 57	22 4	0 28	10 6	1 41	22 17	9 23	23 1	22 56	5 56	18 0	5 23
F 11	23 4	5 48	5 7	25 12	1 47	15 6	1 51	19 42	1 22	20 42	0 30	9 33	1 56	22 3	0 28	10 6	1 41	22 17	9 23	23 1	22 56	5 59	18 0	5 23
S 12	23 8	0 18	5 15	25 15	1 51	15 27	1 50	19 33	1 22	20 40	0 30	9 31	1 56	22 2	0 28	10 7	1 41	22 18	9 24	23 1	22 56	6 2	18 0	5 24
S 13	23 12	5s19	5 4	25 14	1 54	15 48	1 49	19 23	1 21	20 37	0 30	9 30	1 56	22 2	0 28	10 7	1 41	22 18	9 24	23 1	22 56	6 4	18 0	5 24
M14	23 15	10 41	4 33	25 12	1 57	16 8	1 48	19 13	1 21	20 35	0 30	9 28	1 56	22 1	0 28	10 8	1 41	22 19	9 24	23 1	22 57	6 7	18 0	5 24
T 15	23 18	15 29	3 43	25 6	1 59	16 28	1 46	19 3	1 21	20 32	0 30	9 27	1 56	22 1	0 28	10 8	1 41	22 19	9 25	23 2	22 57	6 9	18 0	5 24
W16	23 20	19 19	2 40	24 59	2 0	16 47	1 45	18 53	1 20	20 30	0 30	9 26	1 56	22 0	0 28	10 9	1 41	22 19	9 25	23 2	22 57	6 12	18 0	5 24
T 17	23 22	21 53	1 26	24 49	2 1	17 6	1 43	18 42	1 20	20 27	0 30	9 24	1 56	22 0	0 28	10 9	1 41	22 20	9 25	23 2	22 58	6 15	18 0	5 24
F 18	23 24	23 0	0 9	24 38	2 0	17 25	1 42	18 32	1 19	20 24	0 30	9 23	1 56	21 59	0 28	10 10	1 41	22 20	9 25	23 2	22 58	6 17	18 0	5 24
S 19	23 25	22 38	1s 8	24 25	1 59	17 43	1 40	18 21	1 19	20 22	0 30	9 21	1 55	21 59	0 28	10 10	1 41	22 21	9 26	23 2	22 58	6 20	18 0	5 24
S 20	23 26	20 57	2 18	24 9	1 58	18 1	1 39	18 11	1 18	20 19	0 30	9 19	1 55	21 58	0 28	10 11	1 41	22 21	9 26	23 2	22 58	6 22	18 0	5 24
M21	23 26	18 10	3 19	23 53	1 55	18 18	1 37	18 0	1 18	20 17	0 30	9 18	1 55	21 57	0 28	10 11	1 42	22 22	9 26	23 2	22 59	6 25	18 0	5 24
T 22	23 26	14 35	4 9	23 35	1 52	18 35	1 35	17 49	1 18	20 14	0 30	9 16	1 55	21 57	0 28	10 11	1 42	22 22	9 26	23 2	22 59	6 28	18 0	5 24
W23	23 25	10 27	4 45	23 15	1 48	18 52	1 34	17 38	1 17	20 11	0 30	9 15	1 55	21 56	0 28	10 12	1 42	22 23	9 27	23 2	22 59	6 30	18 0	5 24
T 24	23 24	6 0	5 8	22 54	1 44	19 8	1 32	17 27	1 17	20 8	0 30	9 13	1 55	21 56	0 28	10 12	1 42	22 23	9 27	23 1	22 59	6 33	18 0	5 24
F 25	23 23	1 22	5 17	22 32	1 39	19 23	1 30	17 16	1 16	20 6	0 30	9 11	1 55	21 55	0 28	10 13	1 42	22 24	9 27	23 1	23 0	6 35	18 0	5 24
S 26	23 21	3n16	5 12	22 9	1 33	19 39	1 28	17 4	1 16	20 3	0 31	9 9	1 54	21 55	0 28	10 13	1 42	22 24	9 28	23 2	23 0	6 38	18 0	5 25
S 27	23 19	7 46	4 53	21 45	1 27	19 53	1 26	16 53	1 15	20 0	0 31	9 8	1 54	21 54	0 28	10 13	1 42	22 25	9 28	23 2	23 0	6 41	18 0	5 25
M28	23 17	11 59	4 23	21 21	1 20	20 7	1 24	16 41	1 15	19 57	0 31	9 6	1 54	21 53	0 28	10 14	1 42	22 25	9 28	23 2	23 0	6 43	18 0	5 25
T 29	23 14	15 48	3 40	20 55	1 12	20 21	1 22	16 29	1 15	19 54	0 31	9 4	1 54	21 53	0 28	10 14	1 42	22 26	9 28	23 2	23 1	6 46	18 0	5 25
W30	23n10	18n59	2s47	20n30	1n 4	20n34	1s19	16n18	1n14	19n51	0n31	9n 2	1n54	21n52	0n28	10n14	1s42	22s26	9s29	23n 2	23n 1	6n48	18n 0	5s25

Julian Day Number = 2465575.5, Delta T = 71.38 sec
Ecliptic obliquity = 23°26'01, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'37, Lahiri = 24°23'37

ASTRODIENST EPHEMERIS for the year 2038
geocentric

JULY 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 36	9♋17'42	21♊ 0	4♌26	10♊44	19♌37	3♌44	11♍30	23♋29	1♉ 4	23°R59	10°R23	10♋29	29♈49	28♊ 9	T 1
F 2	18 40 33	10°14'57	3♋35	5°40	11°56	20°14	3°57	11°35	23°32	1° 5	23♒58	10°D23	10°26	29°55	28°15	F 2
S 3	18 44 29	11°12'11	16°25	6°51	13° 8	20°51	4°10	11°40	23°36	1° 6	23°57	10°R23	10°23	0♉ 2	28°20	S 3
S 4	18 48 26	12° 9'25	29°29	8° 0	14°20	21°27	4°23	11°45	23°40	1° 7	23°56	10♋23	10°19	0° 9	28°26	S 4
M 5	18 52 23	13° 6'39	12♌48	9° 5	15°32	22° 4	4°35	11°50	23°43	1° 8	23°55	10°23	10°16	0°15	28°31	M 5
T 6	18 56 19	14° 3'52	26°20	10° 8	16°44	22°40	4°48	11°55	23°47	1° 9	23°54	10°22	10°13	0°22	28°36	T 6
W 7	19 0 16	15° 1'06	10♍ 5	11° 8	17°56	23°17	5° 1	12° 0	23°50	1°10	23°53	10°22	10°10	0°29	28°42	W 7
T 8	19 4 12	15°58'19	24° 1	12° 4	19° 8	23°54	5°14	12° 5	23°54	1°10	23°52	10°21	10° 7	0°36	28°47	T 8
F 9	19 8 9	16°55'32	8♎ 6	12°57	20°21	24°31	5°27	12°11	23°58	1°11	23°51	10°21	10° 4	0°42	28°52	F 9
S 10	19 12 5	17°52'44	22°18	13°47	21°33	25° 8	5°40	12°16	24° 1	1°12	23°50	10°D21	10° 0	0°49	28°57	S 10
S 11	19 16 2	18°49'57	6♏35	14°34	22°45	25°44	5°53	12°21	24° 5	1°13	23°49	10°21	9°57	0°56	29° 3	S 11
M12	19 19 58	19°47'09	20°53	15°16	23°57	26°21	6° 6	12°27	24° 9	1°14	23°48	10°22	9°54	1° 2	29° 8	M12
T 13	19 23 55	20°44'22	5♐11	15°55	25°10	26°58	6°19	12°32	24°12	1°14	23°47	10°23	9°51	1° 9	29°13	T 13
W14	19 27 52	21°41'34	19°23	16°31	26°22	27°35	6°32	12°38	24°16	1°15	23°46	10°24	9°48	1°16	29°18	W14
T 15	19 31 48	22°38'47	3♑28	17° 2	27°34	28°12	6°45	12°44	24°20	1°16	23°45	10°R24	9°45	1°23	29°23	T 15
F 16	19 35 45	23°36'00	17°20	17°28	28°47	28°49	6°58	12°49	24°23	1°16	23°44	10°24	9°41	1°29	29°28	F 16
S 17	19 39 41	24°33'13	0♒57	17°51	29°59	29°26	7°11	12°55	24°27	1°17	23°43	10°23	9°38	1°36	29°34	S 17
S 18	19 43 38	25°30'27	14°18	18° 9	1♋12	0♍ 3	7°24	13° 1	24°31	1°18	23°41	10°22	9°35	1°43	29°39	S 18
M19	19 47 34	26°27'41	27°20	18°22	2°24	0°40	7°37	13° 7	24°34	1°18	23°40	10°20	9°32	1°49	29°44	M19
T 20	19 51 31	27°24'55	10♓ 3	18°31	3°37	1°17	7°50	13°13	24°38	1°19	23°39	10°18	9°29	1°56	29°49	T 20
W21	19 55 27	28°22'10	22°30	18°R35	4°49	1°54	8° 3	13°19	24°42	1°19	23°38	10°15	9°25	2° 3	29°54	W21
T 22	19 59 24	29°19'26	4♈43	18°34	6° 2	2°31	8°17	13°25	24°45	1°20	23°37	10°13	9°22	2°10	29°59	T 22
F 23	20 3 21	0♌16'43	16°44	18°28	7°15	3° 8	8°30	13°31	24°49	1°20	23°36	10°11	9°19	2°16	0♋ 4	F 23
S 24	20 7 17	1°14'00	28°39	18°17	8°27	3°46	8°43	13°37	24°53	1°20	23°34	10°D11	9°16	2°23	0° 9	S 24
S 25	20 11 14	2°11'18	10♉32	18° 1	9°40	4°23	8°56	13°43	24°56	1°21	23°33	10°11	9°13	2°30	0°14	S 25
M26	20 15 10	3° 8'37	22°27	17°41	10°53	5° 0	9° 9	13°50	25° 0	1°21	23°32	10°12	9°10	2°36	0°18	M26
T 27	20 19 7	4° 5'58	4♊29	17°16	12° 6	5°37	9°23	13°56	25° 3	1°21	23°31	10°14	9° 6	2°43	0°23	T 27
W28	20 23 3	5° 3'19	16°43	16°46	13°19	6°15	9°36	14° 2	25° 7	1°22	23°30	10°15	9° 3	2°50	0°28	W28
T 29	20 27 0	6° 0'41	29°12	16°13	14°32	6°52	9°49	14° 9	25°11	1°22	23°28	10°16	9° 0	2°56	0°33	T 29
F 30	20 30 56	6°58'04	11♋59	15°36	15°45	7°30	10° 2	14°15	25°14	1°22	23°27	10°R17	8°57	3° 3	0°38	F 30
S 31	20 34 53	7♌55'27	25♋ 5	14♌56	16♋58	8♍ 7	10♌16	14♍22	25♋18	1♉22	23♒26	10♋16	8♋54	3♉10	0♋42	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	23n 6	21n23	1s45	20n 3	0n56	20n47	1s17	16n 6	1n14	19n49	0n31	9n 0	1n54	21n52	0n28	10n15	1s42	22s27	9s29	23n 2	23n 1	6n51	18n 0	5s25
F 2	23 2	22 46	0 38	19 36	0 47	20 59	1 15	15 54	1 13	19 46	0 31	8 58	1 54	21 51	0 28	10 15	1 42	22 27	9 29	23 2	23 1	6 54	18 0	5 25
S 3	22 58	22 59	0n33	19 9	0 37	21 10	1 13	15 42	1 13	19 43	0 31	8 56	1 54	21 50	0 28	10 15	1 42	22 28	9 29	23 2	23 2	6 56	18 0	5 26
S 4	22 53	21 57	1 44	18 42	0 27	21 21	1 10	15 30	1 12	19 40	0 31	8 54	1 54	21 50	0 28	10 16	1 42	22 28	9 29	23 2	23 2	6 59	18 0	5 26
M 5	22 47	19 41	2 50	18 15	0 16	21 31	1 8	15 17	1 12	19 37	0 31	8 52	1 53	21 49	0 28	10 16	1 42	22 29	9 30	23 2	23 2	7 1	18 0	5 26
T 6	22 41	16 18	3 48	17 47	0 5	21 41	1 6	15 5	1 12	19 34	0 31	8 50	1 53	21 48	0 28	10 16	1 42	22 29	9 30	23 2	23 2	7 4	18 0	5 26
W 7	22 35	12 0	4 34	17 20	0s 6	21 50	1 3	14 52	1 11	19 31	0 31	8 48	1 53	21 48	0 28	10 16	1 42	22 30	9 30	23 2	23 3	7 7	17 59	5 26
T 8	22 29	7 1	5 4	16 53	0 18	21 59	1 1	14 40	1 11	19 28	0 31	8 46	1 53	21 47	0 28	10 17	1 42	22 30	9 30	23 2	23 3	7 9	17 59	5 26
F 9	22 22	1 38	5 16	16 26	0 30	22 7	0 58	14 27	1 10	19 24	0 31	8 44	1 53	21 47	0 28	10 17	1 42	22 31	9 31	23 2	23 3	7 12	17 59	5 27
S 10	22 14	3s53	5 10	16 0	0 43	22 14	0 56	14 14	1 10	19 21	0 31	8 42	1 53	21 46	0 28	10 17	1 43	22 32	9 31	23 2	23 3	7 14	17 59	5 27
S 11	22 7	9 14	4 44	15 34	0 56	22 21	0 53	14 2	1 9	19 18	0 31	8 40	1 53	21 45	0 28	10 17	1 43	22 32	9 31	23 2	23 4	7 17	17 59	5 27
M12	21 59	14 6	4 1	15 9	1 9	22 27	0 51	13 49	1 9	19 15	0 31	8 37	1 53	21 45	0 28	10 18	1 43	22 33	9 31	23 2	23 4	7 20	17 59	5 27
T 13	21 50	18 10	3 3	14 45	1 23	22 32	0 48	13 36	1 9	19 12	0 31	8 35	1 53	21 44	0 28	10 18	1 43	22 33	9 31	23 2	23 4	7 22	17 58	5 27
W14	21 41	21 7	1 54	14 21	1 36	22 37	0 46	13 22	1 8	19 9	0 31	8 33	1 53	21 43	0 28	10 18	1 43	22 34	9 32	23 2	23 4	7 25	17 58	5 28
T 15	21 32	22 45	0 38	13 59	1 50	22 42	0 43	13 9	1 8	19 5	0 32	8 31	1 52	21 43	0 28	10 18	1 43	22 34	9 32	23 2	23 5	7 27	17 58	5 28
F 16	21 22	22 57	0s38	13 37	2 4	22 45	0 41	12 56	1 7	19 2	0 32	8 28	1 52	21 42	0 28	10 18	1 43	22 35	9 32	23 2	23 5	7 30	17 58	5 28
S 17	21 12	21 45	1 51	13 17	2 19	22 48	0 38	12 43	1 7	18 59	0 32	8 26	1 52	21 41	0 28	10 19	1 43	22 35	9 32	23 2	23 5	7 33	17 58	5 28
S 18	21 2	19 21	2 56	12 58	2 33	22 50	0 35	12 29	1 6	18 56	0 32	8 24	1 52	21 41	0 28	10 19	1 43	22 36	9 32	23 2	23 5	7 35	17 57	5 29
M19	20 51	16 0	3 51	12 40	2 47	22 52	0 33	12 16	1 6	18 52	0 32	8 21	1 52	21 40	0 28	10 19	1 43	22 37	9 33	23 2	23 5	7 38	17 57	5 29
T 20	20 40	12 0	4 32	12 24	3 1	22 53	0 30	12 2	1 5	18 49	0 32	8 19	1 52	21 40	0 28	10 19	1 43	22 37	9 33	23 2	23 6	7 40	17 57	5 29
W21	20 29	7 34	5 0	12 10	3 15	22 54	0 27	11 48	1 5	18 46	0 32	8 17	1 52	21 39	0 28	10 19	1 43	22 38	9 33	23 2	23 6	7 43	17 57	5 29
T 22	20 17	2 55	5 14	11 58	3 28	22 53	0 25	11 35	1 5	18 42	0 32	8 14	1 52	21 38	0 28	10 19	1 43	22 38	9 33	23 2	23 6	7 46	17 56	5 30
F 23	20 5	1n45	5 13	11 47	3 41	22 52	0 22	11 21	1 4	18 39	0 32	8 12	1 52	21 38	0 28	10 19	1 43	22 39	9 33	23 3	23 6	7 48	17 56	5 30
S 24	19 53	6 20	4 59	11 39	3 53	22 51	0 19	11 7	1 4	18 36	0 32	8 9	1 52	21 37	0 28	10 19	1 43	22 39	9 33	23 3	23 7	7 51	17 56	5 30
S 25	19 40	10 40	4 32	11 32	4 5	22 48	0 17	10 53	1 3	18 32	0 32	8 7	1 52	21 36	0 29	10 19	1 43	22 40	9 34	23 3	23 7	7 53	17 56	5 30
M26	19 27	14 37	3 53	11 28	4 16	22 45	0 14	10 39	1 3	18 29	0 32	8 5	1 52	21 36	0 29	10 19	1 44	22 40	9 34	23 3	23 7	7 56	17 55	5 31
T 27	19 14	18 1	3 4	11 26	4 26	22 42	0 11	10 25	1 2	18 25	0 32	8 2	1 52	21 35	0 29	10 19	1 44	22 41	9 34	23 2	23 7	7 59	17 55	5 31
W28	19 0	20 41	2 6	11 26	4 35	22 38	0 8	10 11	1 2	18 22	0 32	7 59	1 51	21 34	0 29	10 19	1 44	22 42	9 34	23 2	23 7	8 1	17 55	5 31
T 29	18 46	22 25	1 1	11 29	4 42	22 33	0 6	9 56	1 1	18 18	0 33	7 57	1 51	21 34	0 29	10 19	1 44	22 42	9 34	23 2	23 8	8 4	17 54	5 32
F 30	18 32	23 3	0n 9	11 34	4 48	22 27	0 3	9 42	1 1	18 15	0 33	7 54	1 51	21 33	0 29	10 19	1 44	22 43	9 34	23 2	23 8	8 6	17 54	5 32
S 31	18n17	22n26	1n20	11n41	4s53	22n21	0s 1	9n28	1n 0	18n11	0n33	7n52	1n51	21n32	0n29	10n19	1s44	22s43	9s34	23n 2	23n 8	8n 9	17n54	5s32

Julian Day Number = 2465605.5, Delta T = 71.40 sec
Ecliptic obliquity = 23°26'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'41, Lahiri = 24°23'42

ASTRODIENST EPHEMERIS for the year 2038
geocentric

AUGUST 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 50	8♌52'52	8♌32	14°R13	18♋11	8♍44	10♌29	14♍28	25♋21	1♉22	23°R25	10°R14	8♋51	3♉17	0♋47	S 1
M 2	20 42 46	9°50'17	22°16	13♌29	19°24	9°22	10°42	14°35	25°25	1°22	23♒23	10♋11	8°47	3°23	0°52	M 2
T 3	20 46 43	10°47'44	6♍16	12°43	20°37	9°59	10°55	14°42	25°29	1°22	23°22	10° 6	8°44	3°30	0°56	T 3
W 4	20 50 39	11°45'11	20°27	11°58	21°50	10°37	11° 9	14°48	25°32	1°R23	23°21	10° 2	8°41	3°37	1° 1	W 4
T 5	20 54 36	12°42'38	4♎45	11°13	23° 3	11°15	11°22	14°55	25°36	1°22	23°19	9°57	8°38	3°43	1° 5	T 5
F 6	20 58 32	13°40'06	19° 4	10°29	24°16	11°52	11°35	15° 2	25°39	1°22	23°18	9°54	8°35	3°50	1°10	F 6
S 7	21 2 29	14°37'35	3♏22	9°48	25°29	12°30	11°48	15° 9	25°43	1°22	23°17	9°52	8°31	3°57	1°14	S 7
S 8	21 6 25	15°35'05	17°35	9°10	26°43	13° 8	12° 2	15°16	25°46	1°22	23°15	9°D52	8°28	4° 4	1°19	S 8
M 9	21 10 22	16°32'36	1♐41	8°35	27°56	13°45	12°15	15°22	25°50	1°22	23°14	9°52	8°25	4°10	1°23	M 9
T 10	21 14 19	17°30'07	15°39	8° 5	29° 9	14°23	12°28	15°29	25°53	1°22	23°13	9°54	8°22	4°17	1°27	T 10
W11	21 18 15	18°27'39	29°27	7°41	0♌23	15° 1	12°41	15°36	25°57	1°22	23°11	9°55	8°19	4°24	1°31	W11
T 12	21 22 12	19°25'12	13♑ 5	7°22	1°36	15°39	12°54	15°43	26° 0	1°21	23°10	9°R55	8°16	4°30	1°36	T 12
F 13	21 26 8	20°22'46	26°32	7° 9	2°50	16°16	13° 8	15°50	26° 4	1°21	23° 9	9°54	8°12	4°37	1°40	F 13
S 14	21 30 5	21°20'21	9♒47	7°D 3	4° 3	16°54	13°21	15°57	26° 7	1°21	23° 8	9°51	8° 9	4°44	1°44	S 14
S 15	21 34 1	22°17'57	22°49	7° 4	5°17	17°32	13°34	16° 5	26°10	1°21	23° 6	9°46	8° 6	4°51	1°48	S 15
M16	21 37 58	23°15'35	5♓38	7°12	6°30	18°10	13°47	16°12	26°14	1°20	23° 5	9°39	8° 3	4°57	1°52	M16
T 17	21 41 54	24°13'13	18°13	7°28	7°44	18°48	14° 0	16°19	26°17	1°20	23° 4	9°31	8° 0	5° 4	1°56	T 17
W18	21 45 51	25°10'53	0♈34	7°50	8°57	19°26	14°13	16°26	26°20	1°19	23° 2	9°23	7°57	5°11	2° 0	W18
T 19	21 49 48	26° 8'34	12°43	8°21	10°11	20° 4	14°26	16°33	26°24	1°19	23° 1	9°16	7°53	5°17	2° 4	T 19
F 20	21 53 44	27° 6'17	24°43	8°58	11°25	20°42	14°40	16°40	26°27	1°18	23° 0	9°10	7°50	5°24	2° 8	F 20
S 21	21 57 41	28° 4'02	6♉37	9°42	12°38	21°20	14°53	16°48	26°30	1°18	22°58	9° 5	7°47	5°31	2°11	S 21
S 22	22 1 37	29° 1'48	18°28	10°34	13°52	21°58	15° 6	16°55	26°34	1°17	22°57	9° 3	7°44	5°37	2°15	S 22
M23	22 5 34	29°59'36	0♊21	11°33	15° 6	22°37	15°19	17° 2	26°37	1°17	22°56	9°D 2	7°41	5°44	2°19	M23
T 24	22 9 30	0♍57'25	12°23	12°38	16°20	23°15	15°32	17° 9	26°40	1°16	22°54	9° 2	7°37	5°51	2°22	T 24
W25	22 13 27	1°55'16	24°36	13°49	17°34	23°53	15°45	17°17	26°43	1°15	22°53	9° 4	7°34	5°58	2°26	W25
T 26	22 17 23	2°53'09	7♋ 7	15° 6	18°48	24°31	15°58	17°24	26°46	1°15	22°52	9°R 4	7°31	6° 4	2°29	T 26
F 27	22 21 20	3°51'04	19°59	16°29	20° 2	25°10	16°11	17°32	26°49	1°14	22°50	9° 4	7°28	6°11	2°33	F 27
S 28	22 25 17	4°49'01	3♌16	17°58	21°16	25°48	16°23	17°39	26°52	1°13	22°49	9° 1	7°25	6°18	2°36	S 28
S 29	22 29 13	5°46'59	16°58	19°31	22°30	26°26	16°36	17°46	26°55	1°13	22°48	8°56	7°22	6°24	2°39	S 29
M30	22 33 10	6°44'58	1♍ 4	21° 8	23°44	27° 5	16°49	17°54	26°59	1°12	22°46	8°49	7°18	6°31	2°43	M30
T 31	22 37 6	7♍43'00	15♍29	22♌49	24♌58	27♍43	17♌ 2	18♍ 1	27♋ 2	1♉11	22♒45	8♋41	7♋15	6♉38	2♋46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 2	20n31	2n29	11n50	4s56	22n14	0n 2	9n13	1n 0	18n 8	0n33	7n49	1n51	21n32	0n29	10n19	1s44	22s44	9s35	23n 2	23n 8	8n12	17n53	5s33
M 2	17 47	17 23	3 30	12 1	4 57	22 7	0 5	8 59	1 0	18 4	0 33	7 47	1 51	21 31	0 29	10 19	1 44	22 44	9 35	23 3	23 9	8 14	17 53	5 33
T 3	17 31	13 13	4 19	12 14	4 57	21 58	0 7	8 44	0 59	18 1	0 33	7 44	1 51	21 31	0 29	10 19	1 44	22 45	9 35	23 3	23 9	8 17	17 53	5 33
W 4	17 16	8 17	4 54	12 29	4 54	21 50	0 10	8 29	0 59	17 57	0 33	7 41	1 51	21 30	0 29	10 19	1 44	22 45	9 35	23 3	23 9	8 19	17 52	5 34
T 5	16 59	2 52	5 10	12 45	4 50	21 40	0 12	8 15	0 58	17 54	0 33	7 39	1 51	21 29	0 29	10 19	1 44	22 46	9 35	23 4	23 9	8 22	17 52	5 34
F 6	16 43	2s43	5 8	13 2	4 44	21 30	0 15	8 0	0 58	17 50	0 33	7 36	1 51	21 29	0 29	10 19	1 44	22 47	9 35	23 4	23 9	8 25	17 51	5 34
S 7	16 27	8 9	4 46	13 21	4 37	21 19	0 17	7 45	0 57	17 47	0 33	7 33	1 51	21 28	0 29	10 19	1 44	22 47	9 35	23 4	23 10	8 27	17 51	5 35
S 8	16 10	13 7	4 7	13 39	4 27	21 8	0 20	7 30	0 57	17 43	0 33	7 31	1 51	21 27	0 29	10 19	1 44	22 48	9 35	23 4	23 10	8 30	17 51	5 35
M 9	15 52	17 21	3 13	13 59	4 17	20 56	0 22	7 15	0 56	17 39	0 33	7 28	1 51	21 27	0 29	10 19	1 44	22 48	9 35	23 4	23 10	8 32	17 50	5 35
T 10	15 35	20 32	2 8	14 18	4 4	20 44	0 25	7 0	0 56	17 36	0 33	7 25	1 51	21 26	0 29	10 19	1 44	22 49	9 35	23 4	23 10	8 35	17 50	5 36
W11	15 17	22 29	0 57	14 37	3 51	20 31	0 27	6 45	0 55	17 32	0 34	7 23	1 51	21 25	0 29	10 19	1 44	22 49	9 36	23 4	23 10	8 37	17 49	5 36
T 12	15 0	23 5	0s17	14 56	3 37	20 17	0 30	6 30	0 55	17 28	0 34	7 20	1 51	21 25	0 29	10 19	1 45	22 50	9 36	23 4	23 11	8 40	17 49	5 37
F 13	14 41	22 18	1 29	15 14	3 21	20 3	0 32	6 15	0 54	17 25	0 34	7 17	1 51	21 24	0 29	10 18	1 45	22 50	9 36	23 4	23 11	8 43	17 48	5 37
S 14	14 23	20 17	2 35	15 31	3 5	19 48	0 34	6 0	0 54	17 21	0 34	7 14	1 51	21 24	0 29	10 18	1 45	22 51	9 36	23 4	23 11	8 45	17 48	5 37
S 15	14 5	17 14	3 31	15 47	2 48	19 32	0 37	5 45	0 53	17 17	0 34	7 11	1 51	21 23	0 29	10 18	1 45	22 51	9 36	23 4	23 11	8 48	17 48	5 38
M16	13 46	13 24	4 16	16 2	2 31	19 16	0 39	5 29	0 53	17 14	0 34	7 9	1 51	21 22	0 29	10 18	1 45	22 52	9 36	23 5	23 11	8 50	17 47	5 38
T 17	13 27	9 3	4 47	16 15	2 14	19 0	0 41	5 14	0 53	17 10	0 34	7 6	1 51	21 22	0 29	10 18	1 45	22 52	9 36	23 6	23 12	8 53	17 47	5 39
W18	13 7	4 25	5 4	16 26	1 56	18 43	0 43	4 59	0 52	17 6	0 34	7 3	1 51	21 21	0 29	10 18	1 45	22 53	9 36	23 6	23 12	8 56	17 46	5 39
T 19	12 48	0n19	5 7	16 35	1 39	18 25	0 45	4 43	0 52	17 3	0 34	7 0	1 51	21 20	0 29	10 17	1 45	22 53	9 36	23 7	23 12	8 58	17 46	5 39
F 20	12 28	4 58	4 56	16 42	1 22	18 7	0 47	4 28	0 51	16 59	0 34	6 57	1 51	21 20	0 29	10 17	1 45	22 54	9 36	23 7	23 12	9 1	17 45	5 40
S 21	12 9	9 25	4 33	16 46	1 5	17 48	0 49	4 13	0 51	16 55	0 35	6 55	1 51	21 19	0 29	10 17	1 45	22 54	9 36	23 7	23 12	9 3	17 45	5 40
S 22	11 49	13 30	3 58	16 48	0 48	17 29	0 51	3 57	0 50	16 51	0 35	6 52	1 51	21 19	0 29	10 17	1 45	22 55	9 36	23 8	23 13	9 6	17 44	5 41
M23	11 28	17 5	3 13	16 48	0 33	17 9	0 53	3 42	0 50	16 48	0 35	6 49	1 51	21 18	0 29	10 16	1 45	22 55	9 36	23 8	23 13	9 8	17 44	5 41
T 24	11 8	19 59	2 18	16 44	0 17	16 49	0 55	3 26	0 49	16 44	0 35	6 46	1 51	21 18	0 29	10 16	1 45	22 56	9 36	23 8	23 13	9 11	17 43	5 42
W25	10 47	22 2	1 17	16 38	0 3	16 28	0 57	3 10	0 49	16 40	0 35	6 43	1 51	21 17	0 29	10 16	1 45	22 56	9 36	23 7	23 13	9 14	17 43	5 42
T 26	10 27	23 4	0 11	16 29	0n11	16 7	0 59	2 55	0 48	16 36	0 35	6 40	1 51	21 16	0 29	10 16	1 45	22 57	9 36	23 7	23 13	9 16	17 42	5 43
F 27	10 6	22 54	0n58	16 17	0 24	15 46	1 1	2 39	0 48	16 33	0 35	6 37	1 51	21 16	0 29	10 15	1 45	22 57	9 36	23 7	23 13	9 19	17 42	5 43
S 28	9 45	21 28	2 6	16 2	0 37	15 24	1 2	2 24	0 47	16 29	0 35	6 35	1 51	21 15	0 29	10 15	1 45	22 58	9 36	23 8	23 14	9 21	17 41	5 43
S 29	9 23	18 44	3 8	15 43	0 48	15 1	1 4	2 8	0 47	16 25	0 35	6 32	1 51	21 15	0 29	10 15	1 45	22 58	9 36	23 8	23 14	9 24	17 41	5 44
M30	9 2	14 51	4 1	15 22	0 58	14 38	1 6	1 52	0 46	16 21	0 35	6 29	1 51	21 14	0 29	10 14	1 46	22 58	9 36	23 8	23 14	9 27	17 40	5 44
T 31	8n40	10n 1	4n40	14n58	1n 7	14n15	1n 7	1n36	0n46	16n18	0n36	6n26	1n51	21n14	0n29	10n14	1s46	22s59	9s36	23n 9	23n14	9n29	17n40	5s45

Julian Day Number = 2465636.5, Delta T = 71.43 sec
Ecliptic obliquity = 23°26'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'45, Lahiri = 24°23'46

ASTRODIENST EPHEMERIS for the year 2038
geocentric

SEPTEMBER 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 3	8♍41'02	0♎ 7	24♌33	26♌12	28♍22	17♌15	18♍ 9	27♋ 4	1°R10	22°R44	8°R31	7♋12	6♉45	2♋49	W 1
T 2	22 44 59	9°39'07	14°52	26°20	27°26	29° 0	17°27	18°16	27° 7	1♉ 9	22♒43	8♋22	7° 9	6°51	2°52	T 2
F 3	22 48 56	10°37'12	29°34	28°10	28°40	29°39	17°40	18°24	27°10	1° 8	22°41	8°15	7° 6	6°58	2°55	F 3
S 4	22 52 52	11°35'20	14♏ 7	0♍ 1	29°54	0♎18	17°53	18°31	27°13	1° 7	22°40	8°10	7° 3	7° 5	2°58	S 4
S 5	22 56 49	12°33'28	28°27	1°55	1♍ 8	0°56	18° 5	18°39	27°16	1° 6	22°39	8° 7	6°59	7°11	3° 1	S 5
M 6	23 0 45	13°31'38	12♐32	3°49	2°23	1°35	18°18	18°46	27°19	1° 5	22°38	8°D 6	6°56	7°18	3° 4	M 6
T 7	23 4 42	14°29'50	26°20	5°44	3°37	2°14	18°30	18°54	27°22	1° 4	22°36	8° 7	6°53	7°25	3° 6	T 7
W 8	23 8 39	15°28'03	9♑53	7°39	4°51	2°52	18°43	19° 1	27°24	1° 3	22°35	8°R 7	6°50	7°31	3° 9	W 8
T 9	23 12 35	16°26'17	23°11	9°35	6° 6	3°31	18°55	19° 9	27°27	1° 2	22°34	8° 6	6°47	7°38	3°12	T 9
F 10	23 16 32	17°24'33	6♒16	11°30	7°20	4°10	19° 8	19°16	27°30	1° 1	22°33	8° 3	6°43	7°45	3°14	F 10
S 11	23 20 28	18°22'51	19°10	13°26	8°34	4°49	19°20	19°24	27°32	1° 0	22°32	7°57	6°40	7°52	3°17	S 11
S 12	23 24 25	19°21'10	1♓53	15°21	9°49	5°28	19°32	19°31	27°35	0°59	22°31	7°49	6°37	7°58	3°19	S 12
M13	23 28 21	20°19'31	14°25	17°15	11° 3	6° 7	19°45	19°39	27°38	0°58	22°29	7°38	6°34	8° 5	3°21	M13
T 14	23 32 18	21°17'53	26°47	19° 9	12°18	6°46	19°57	19°46	27°40	0°57	22°28	7°25	6°31	8°12	3°24	T 14
W15	23 36 14	22°16'18	8♈59	21° 2	13°32	7°25	20° 9	19°54	27°43	0°55	22°27	7°12	6°28	8°18	3°26	W15
T 16	23 40 11	23°14'44	21° 2	22°54	14°47	8° 4	20°21	20° 1	27°45	0°54	22°26	6°59	6°24	8°25	3°28	T 16
F 17	23 44 8	24°13'12	2♉58	24°45	16° 1	8°43	20°33	20° 9	27°47	0°53	22°25	6°48	6°21	8°32	3°30	F 17
S 18	23 48 4	25°11'43	14°49	26°36	17°16	9°22	20°45	20°16	27°50	0°52	22°24	6°40	6°18	8°38	3°32	S 18
S 19	23 52 1	26°10'16	26°39	28°25	18°30	10° 1	20°57	20°24	27°52	0°50	22°23	6°34	6°15	8°45	3°34	S 19
M20	23 55 57	27° 8'50	8♊30	0♎13	19°45	10°40	21° 9	20°31	27°54	0°49	22°22	6°31	6°12	8°52	3°36	M20
T 21	23 59 54	28° 7'27	20°28	2° 1	21° 0	11°20	21°21	20°39	27°57	0°48	22°21	6°29	6° 8	8°59	3°37	T 21
W22	0 3 50	29° 6'07	2♋39	3°47	22°14	11°59	21°33	20°46	27°59	0°46	22°20	6°29	6° 5	9° 5	3°39	W22
T 23	0 7 47	0♎ 4'48	15° 7	5°32	23°29	12°38	21°44	20°54	28° 1	0°45	22°19	6°29	6° 2	9°12	3°41	T 23
F 24	0 11 43	1° 3'32	27°58	7°17	24°44	13°18	21°56	21° 1	28° 3	0°44	22°18	6°28	5°59	9°19	3°42	F 24
S 25	0 15 40	2° 2'18	11♌15	9° 0	25°58	13°57	22° 7	21° 9	28° 5	0°42	22°17	6°24	5°56	9°25	3°44	S 25
S 26	0 19 37	3° 1'06	25° 2	10°43	27°13	14°37	22°19	21°16	28° 7	0°41	22°16	6°18	5°53	9°32	3°45	S 26
M27	0 23 33	3°59'56	9♍17	12°24	28°28	15°16	22°30	21°23	28° 9	0°39	22°15	6°10	5°49	9°39	3°46	M27
T 28	0 27 30	4°58'48	23°57	14° 5	29°43	15°56	22°42	21°31	28°11	0°38	22°14	5°59	5°46	9°45	3°47	T 28
W29	0 31 26	5°57'42	8♎55	15°44	0♎58	16°35	22°53	21°38	28°13	0°36	22°13	5°48	5°43	9°52	3°49	W29
T 30	0 35 23	6♎56'38	24♎ 2	17♎23	2♎12	17♎15	23♌ 4	21♍46	28♋15	0♉35	22♒12	5♋37	5♋40	9♉59	3♋50	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	8n19	4n33	5n 1	14n31	1n16	13n51	1n 9	1n21	0n45	16n14	0n36	6n23	1n51	21n13	0n29	10n14	1s46	22s59	9s36	23n10	23n14	9n32	17n39	5s45
T 2	7 57	1s13	5 2	14 2	1 23	13 27	1 10	1 5	0 45	16 10	0 36	6 20	1 51	21 12	0 29	10 13	1 46	23 0	9 36	23 10	23 14	9 34	17 38	5 46
F 3	7 35	6 54	4 43	13 30	1 29	13 3	1 11	0 49	0 44	16 6	0 36	6 17	1 51	21 12	0 29	10 13	1 46	23 0	9 36	23 11	23 15	9 37	17 38	5 46
S 4	7 13	12 9	4 7	12 56	1 35	12 38	1 13	0 33	0 44	16 2	0 36	6 14	1 51	21 11	0 29	10 13	1 46	23 0	9 36	23 11	23 15	9 39	17 37	5 47
S 5	6 51	16 39	3 15	12 20	1 39	12 13	1 14	0 17	0 43	15 59	0 36	6 11	1 51	21 11	0 29	10 12	1 46	23 1	9 36	23 11	23 15	9 42	17 37	5 47
M 6	6 29	20 7	2 12	11 42	1 42	11 48	1 15	0 2	0 43	15 55	0 36	6 9	1 51	21 10	0 29	10 12	1 46	23 1	9 36	23 11	23 15	9 45	17 36	5 48
T 7	6 6	22 21	1 2	11 2	1 45	11 22	1 16	0s14	0 42	15 51	0 36	6 6	1 51	21 10	0 29	10 11	1 46	23 2	9 36	23 11	23 15	9 47	17 36	5 48
W 8	5 44	23 13	0s 9	10 21	1 47	10 56	1 17	0 30	0 42	15 47	0 36	6 3	1 51	21 9	0 29	10 11	1 46	23 2	9 36	23 11	23 15	9 50	17 35	5 49
T 9	5 21	22 45	1 19	9 38	1 48	10 29	1 18	0 46	0 41	15 44	0 37	6 0	1 51	21 9	0 29	10 11	1 46	23 2	9 36	23 11	23 16	9 52	17 34	5 49
F 10	4 58	21 1	2 24	8 54	1 48	10 3	1 19	1 2	0 41	15 40	0 37	5 57	1 51	21 8	0 29	10 10	1 46	23 3	9 36	23 11	23 16	9 55	17 34	5 50
S 11	4 36	18 14	3 19	8 10	1 47	9 36	1 20	1 18	0 40	15 36	0 37	5 54	1 51	21 8	0 29	10 10	1 46	23 3	9 36	23 12	23 16	9 57	17 33	5 50
S 12	4 13	14 36	4 4	7 24	1 46	9 8	1 21	1 34	0 40	15 32	0 37	5 51	1 51	21 7	0 29	10 9	1 46	23 3	9 36	23 12	23 16	10 0	17 33	5 51
M13	3 50	10 23	4 37	6 38	1 44	8 41	1 22	1 49	0 39	15 29	0 37	5 48	1 51	21 7	0 29	10 9	1 46	23 4	9 36	23 13	23 16	10 2	17 32	5 51
T 14	3 27	5 48	4 56	5 51	1 42	8 13	1 22	2 5	0 39	15 25	0 37	5 45	1 51	21 6	0 30	10 8	1 46	23 4	9 36	23 14	23 16	10 5	17 32	5 52
W15	3 4	1 3	5 0	5 4	1 39	7 45	1 23	2 21	0 38	15 21	0 37	5 42	1 51	21 6	0 30	10 8	1 46	23 4	9 36	23 14	23 17	10 8	17 31	5 52
T 16	2 41	3n42	4 52	4 17	1 36	7 17	1 24	2 37	0 38	15 18	0 37	5 39	1 51	21 5	0 30	10 7	1 46	23 5	9 36	23 15	23 17	10 10	17 30	5 53
F 17	2 18	8 16	4 30	3 29	1 32	6 48	1 24	2 53	0 37	15 14	0 38	5 37	1 51	21 5	0 30	10 7	1 46	23 5	9 36	23 16	23 17	10 13	17 30	5 54
S 18	1 55	12 30	3 57	2 42	1 28	6 20	1 25	3 9	0 37	15 10	0 38	5 34	1 51	21 5	0 30	10 6	1 46	23 5	9 35	23 16	23 17	10 15	17 29	5 54
S 19	1 31	16 15	3 14	1 54	1 23	5 51	1 25	3 25	0 36	15 6	0 38	5 31	1 51	21 4	0 30	10 6	1 46	23 6	9 35	23 16	23 17	10 18	17 29	5 55
M20	1 8	19 22	2 22	1 7	1 18	5 22	1 25	3 41	0 36	15 3	0 38	5 28	1 52	21 4	0 30	10 6	1 46	23 6	9 35	23 16	23 17	10 20	17 28	5 55
T 21	0 45	21 42	1 24	0 19	1 13	4 53	1 25	3 56	0 35	14 59	0 38	5 25	1 52	21 3	0 30	10 5	1 47	23 6	9 35	23 17	23 18	10 23	17 27	5 56
W22	0 21	23 4	0 20	0s28	1 8	4 23	1 26	4 12	0 35	14 56	0 38	5 22	1 52	21 3	0 30	10 5	1 47	23 6	9 35	23 17	23 18	10 25	17 27	5 56
T 23	0s 2	23 20	0n46	1 15	1 2	3 54	1 26	4 28	0 34	14 52	0 38	5 19	1 52	21 2	0 30	10 4	1 47	23 7	9 35	23 17	23 18	10 28	17 26	5 57
F 24	0 25	22 23	1 51	2 2	0 56	3 24	1 26	4 44	0 34	14 48	0 39	5 16	1 52	21 2	0 30	10 3	1 47	23 7	9 35	23 17	23 18	10 31	17 26	5 57
S 25	0 49	20 10	2 53	2 48	0 50	2 55	1 26	5 0	0 33	14 45	0 39	5 13	1 52	21 2	0 30	10 3	1 47	23 7	9 35	23 17	23 18	10 33	17 25	5 58
S 26	1 12	16 44	3 47	3 34	0 44	2 25	1 26	5 15	0 33	14 41	0 39	5 11	1 52	21 1	0 30	10 2	1 47	23 7	9 35	23 17	23 18	10 36	17 24	5 59
M27	1 35	12 14	4 28	4 20	0 37	1 55	1 25	5 31	0 32	14 37	0 39	5 8	1 52	21 1	0 30	10 2	1 47	23 7	9 35	23 17	23 18	10 38	17 24	5 59
T 28	1 59	6 54	4 54	5 5	0 31	1 25	1 25	5 47	0 32	14 34	0 39	5 5	1 52	21 1	0 30	10 1	1 47	23 8	9 34	23 18	23 19	10 41	17 23	6 0
W29	2 22	1 4	5 0	5 49	0 24	0 55	1 25	6 2	0 31	14 30	0 39	5 2	1 52	21 0	0 30	10 1	1 47	23 8	9 34	23 18	23 19	10 43	17 23	6 0
T 30	2s45	4s54	4n45	6s34	0n17	0n25	1n25	6s18	0n31	14n27	0n39	4n59	1n52	21n 0	0n30	10n 0	1s47	23s 8	9s34	23n19	23n19	10n46	17n22	6s 1

Julian Day Number = 2465667.5, Delta T = 71.45 sec
Ecliptic obliquity = 23°26'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'50, Lahiri = 24°23'50

ASTRODIENST EPHEMERIS for the year 2038
geocentric

OCTOBER 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 19	7♎55'37	9♏ 7	19♎ 1	3♎27	17♎54	23♌15	21♍53	28♋17	0°R33	22°R11	5°R27	5♋37	10♉ 6	3♋51	F 1
S 2	0 43 16	8°54'37	24° 1	20°38	4°42	18°34	23°26	22° 0	28°18	0♉32	22♒11	5♋20	5°34	10°12	3°52	S 2
S 3	0 47 12	9°53'39	8♐37	22°14	5°57	19°14	23°37	22° 7	28°20	0°30	22°10	5°16	5°30	10°19	3°52	S 3
M 4	0 51 9	10°52'43	22°50	23°49	7°12	19°54	23°48	22°15	28°22	0°29	22° 9	5°14	5°27	10°26	3°53	M 4
T 5	0 55 6	11°51'48	6♑41	25°24	8°27	20°34	23°59	22°22	28°23	0°27	22° 8	5°14	5°24	10°32	3°54	T 5
W 6	0 59 2	12°50'55	20°10	26°57	9°42	21°13	24°10	22°29	28°25	0°26	22° 7	5°14	5°21	10°39	3°54	W 6
T 7	1 2 59	13°50'04	3♒19	28°30	10°57	21°53	24°20	22°36	28°26	0°24	22° 7	5°13	5°18	10°46	3°55	T 7
F 8	1 6 55	14°49'15	16°11	0♏ 2	12°12	22°33	24°31	22°44	28°28	0°22	22° 6	5°10	5°14	10°52	3°55	F 8
S 9	1 10 52	15°48'27	28°49	1°33	13°27	23°13	24°41	22°51	28°29	0°21	22° 5	5° 3	5°11	10°59	3°56	S 9
S 10	1 14 48	16°47'41	11♓16	3° 4	14°41	23°53	24°52	22°58	28°31	0°19	22° 5	4°54	5° 8	11° 6	3°56	S 10
M11	1 18 45	17°46'57	23°34	4°34	15°56	24°33	25° 2	23° 5	28°32	0°17	22° 4	4°43	5° 5	11°13	3°56	M11
T 12	1 22 41	18°46'15	5♈43	6° 3	17°11	25°14	25°12	23°12	28°33	0°16	22° 3	4°30	5° 2	11°19	3°56	T 12
W13	1 26 38	19°45'35	17°46	7°31	18°26	25°54	25°22	23°19	28°34	0°14	22° 3	4°16	4°59	11°26	3°R56	W13
T 14	1 30 34	20°44'57	29°42	8°58	19°41	26°34	25°32	23°26	28°35	0°13	22° 2	4° 3	4°55	11°33	3°56	T 14
F 15	1 34 31	21°44'21	11♉35	10°25	20°57	27°14	25°42	23°33	28°37	0°11	22° 2	3°51	4°52	11°39	3°56	F 15
S 16	1 38 28	22°43'47	23°24	11°51	22°12	27°54	25°52	23°40	28°38	0° 9	22° 1	3°42	4°49	11°46	3°56	S 16
S 17	1 42 24	23°43'16	5♊13	13°15	23°27	28°35	26° 1	23°47	28°39	0° 8	22° 1	3°36	4°46	11°53	3°55	S 17
M18	1 46 21	24°42'47	17° 5	14°40	24°42	29°15	26°11	23°54	28°40	0° 6	22° 0	3°32	4°43	11°59	3°55	M18
T 19	1 50 17	25°42'19	29° 3	16° 3	25°57	29°56	26°20	24° 0	28°40	0° 4	22° 0	3°D31	4°40	12° 6	3°54	T 19
W20	1 54 14	26°41'55	11♋12	17°25	27°12	0♏36	26°30	24° 7	28°41	0° 3	21°59	3°31	4°36	12°13	3°54	W20
T 21	1 58 10	27°41'32	23°37	18°46	28°27	1°17	26°39	24°14	28°42	0° 1	21°59	3°R31	4°33	12°20	3°53	T 21
F 22	2 2 7	28°41'12	6♌23	20° 6	29°42	1°57	26°48	24°20	28°43	29♈59	21°59	3°31	4°30	12°26	3°53	F 22
S 23	2 6 3	29°40'54	19°35	21°26	0♏57	2°38	26°57	24°27	28°44	29°58	21°58	3°29	4°27	12°33	3°52	S 23
S 24	2 10 0	0♏40'38	3♍15	22°43	2°12	3°18	27° 6	24°34	28°44	29°56	21°58	3°25	4°24	12°40	3°51	S 24
M25	2 13 57	1°40'24	17°26	24° 0	3°28	3°59	27°15	24°40	28°45	29°54	21°58	3°19	4°20	12°46	3°50	M25
T 26	2 17 53	2°40'13	2♎ 4	25°15	4°43	4°40	27°24	24°47	28°45	29°52	21°57	3°10	4°17	12°53	3°49	T 26
W27	2 21 50	3°40'03	17° 6	26°29	5°58	5°21	27°32	24°53	28°46	29°51	21°57	3° 1	4°14	13° 0	3°48	W27
T 28	2 25 46	4°39'56	2♏21	27°41	7°13	6° 2	27°41	25° 0	28°46	29°49	21°57	2°52	4°11	13° 6	3°47	T 28
F 29	2 29 43	5°39'51	17°39	28°52	8°28	6°42	27°49	25° 6	28°46	29°47	21°57	2°44	4° 8	13°13	3°45	F 29
S 30	2 33 39	6°39'47	2♐49	0♐ 0	9°43	7°23	27°57	25°12	28°47	29°46	21°56	2°39	4° 5	13°20	3°44	S 30
S 31	2 37 36	7♏39'46	17♐42	1♐ 6	10♏59	8♏ 4	28♌ 5	25♍18	28♋47	29♈44	21♒56	2♋35	4♋ 1	13♉26	3♋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	3s 9	10s34	4n11	7s17	0n10	0s 5	1n24	6s34	0n30	14n23	0n40	4n57	1n52	21n 0	0n30	10n 0	1s47	23s 8	9s34	23n19	23n19	10n48	17n22	6s 1	F 1
S 2	3 32	15 33	3 19	8 0	0 3	0 35	1 24	6 49	0 30	14 20	0 40	4 54	1 53	20 59	0 30	9 59	1 47	23 8	9 34	23 20	23 19	10 51	17 21	6 2	S 2
S 3	3 55	19 30	2 16	8 43	0s 4	1 5	1 23	7 5	0 29	14 16	0 40	4 51	1 53	20 59	0 30	9 59	1 47	23 9	9 34	23 20	23 19	10 54	17 20	6 2	S 3
M 4	4 18	22 9	1 5	9 25	0 11	1 35	1 23	7 20	0 28	14 13	0 40	4 48	1 53	20 59	0 30	9 58	1 47	23 9	9 34	23 20	23 19	10 56	17 20	6 3	M 4
T 5	4 41	23 24	0s 8	10 6	0 18	2 6	1 22	7 36	0 28	14 9	0 40	4 45	1 53	20 58	0 30	9 57	1 47	23 9	9 34	23 20	23 19	10 59	17 19	6 4	T 5
W 6	5 4	23 12	1 18	10 47	0 25	2 36	1 21	7 51	0 27	14 6	0 40	4 43	1 53	20 58	0 30	9 57	1 47	23 9	9 33	23 20	23 20	11 1	17 19	6 4	W 6
T 7	5 27	21 43	2 23	11 27	0 32	3 6	1 20	8 7	0 27	14 3	0 41	4 40	1 53	20 58	0 30	9 56	1 47	23 9	9 33	23 20	23 20	11 4	17 18	6 5	T 7
F 8	5 50	19 8	3 18	12 6	0 39	3 36	1 20	8 22	0 26	13 59	0 41	4 37	1 53	20 57	0 30	9 56	1 47	23 9	9 33	23 20	23 20	11 6	17 17	6 5	F 8
S 9	6 13	15 41	4 3	12 44	0 47	4 6	1 19	8 37	0 26	13 56	0 41	4 34	1 53	20 57	0 30	9 55	1 47	23 9	9 33	23 20	23 20	11 9	17 17	6 6	S 9
S 10	6 36	11 35	4 36	13 22	0 54	4 36	1 18	8 53	0 25	13 53	0 41	4 32	1 53	20 57	0 30	9 55	1 47	23 9	9 33	23 21	23 20	11 11	17 16	6 6	S 10
M11	6 59	7 4	4 55	13 59	1 1	5 6	1 17	9 8	0 25	13 49	0 41	4 29	1 54	20 57	0 30	9 54	1 47	23 9	9 33	23 21	23 20	11 14	17 16	6 7	M11
T 12	7 21	2 20	5 0	14 36	1 8	5 35	1 15	9 23	0 24	13 46	0 41	4 26	1 54	20 57	0 30	9 53	1 47	23 9	9 33	23 21	23 20	11 16	17 15	6 8	T 12
W13	7 44	2n28	4 52	15 11	1 14	6 5	1 14	9 38	0 24	13 43	0 42	4 24	1 54	20 56	0 30	9 53	1 47	23 9	9 32	23 22	23 20	11 19	17 15	6 8	W13
T 14	8 6	7 8	4 31	15 46	1 21	6 34	1 13	9 53	0 23	13 40	0 42	4 21	1 54	20 56	0 30	9 52	1 47	23 10	9 32	23 22	23 21	11 21	17 14	6 9	T 14
F 15	8 28	11 31	3 59	16 20	1 28	7 4	1 12	10 8	0 23	13 37	0 42	4 18	1 54	20 56	0 31	9 52	1 47	23 10	9 32	23 23	23 21	11 24	17 13	6 9	F 15
S 16	8 50	15 27	3 16	16 53	1 34	7 33	1 11	10 23	0 22	13 33	0 42	4 16	1 54	20 56	0 31	9 51	1 47	23 10	9 32	23 23	23 21	11 26	17 13	6 10	S 16
S 17	9 12	18 48	2 24	17 25	1 41	8 2	1 9	10 38	0 21	13 30	0 42	4 13	1 54	20 56	0 31	9 51	1 47	23 10	9 32	23 23	23 21	11 29	17 12	6 10	S 17
M18	9 34	21 23	1 26	17 56	1 47	8 31	1 8	10 53	0 21	13 27	0 42	4 11	1 54	20 55	0 31	9 50	1 47	23 10	9 32	23 23	23 21	11 32	17 12	6 11	M18
T 19	9 56	23 2	0 24	18 27	1 53	8 59	1 6	11 8	0 20	13 24	0 43	4 8	1 55	20 55	0 31	9 49	1 47	23 10	9 31	23 23	23 21	11 34	17 11	6 12	T 19
W20	10 18	23 38	0n41	18 56	1 59	9 28	1 5	11 22	0 20	13 21	0 43	4 6	1 55	20 55	0 31	9 49	1 47	23 10	9 31	23 23	23 21	11 37	17 11	6 12	W20
T 21	10 39	23 6	1 45	19 24	2 5	9 56	1 3	11 37	0 19	13 18	0 43	4 3	1 55	20 55	0 31	9 48	1 47	23 10	9 31	23 23	23 21	11 39	17 10	6 13	T 21
F 22	11 0	21 21	2 46	19 52	2 10	10 24	1 2	11 51	0 19	13 15	0 43	4 0	1 55	20 55	0 31	9 48	1 47	23 10	9 31	23 23	23 21	11 42	17 10	6 13	F 22
S 23	11 21	18 25	3 40	20 18	2 16	10 52	1 0	12 6	0 18	13 12	0 43	3 58	1 55	20 55	0 31	9 47	1 47	23 9	9 31	23 23	23 22	11 44	17 9	6 14	S 23
S 24	11 42	14 24	4 24	20 43	2 21	11 20	0 58	12 20	0 18	13 9	0 44	3 56	1 55	20 55	0 31	9 46	1 47	23 9	9 31	23 23	23 22	11 47	17 8	6 14	S 24
M25	12 3	9 27	4 53	21 7	2 26	11 47	0 56	12 35	0 17	13 7	0 44	3 53	1 56	20 55	0 31	9 46	1 47	23 9	9 30	23 24	23 22	11 49	17 8	6 15	M25
T 26	12 24	3 50	5 4	21 30	2 30	12 14	0 55	12 49	0 16	13 4	0 44	3 51	1 56	20 55	0 31	9 45	1 47	23 9	9 30	23 24	23 22	11 52	17 7	6 15	T 26
W27	12 44	2s10	4 55	21 52	2 34	12 41	0 53	13 3	0 16	13 1	0 44	3 48	1 56	20 55	0 31	9 45	1 47	23 9	9 30	23 24	23 22	11 54	17 7	6 16	W27
T 28	13 4	8 8	4 25	22 12	2 38	13 7	0 51	13 17	0 15	12 58	0 44	3 46	1 56	20 54	0 31	9 44	1 47	23 9	9 30	23 24	23 22	11 57	17 6	6 17	T 28
F 29	13 24	13 38	3 36	22 32	2 41	13 33	0 49	13 31	0 15	12 56	0 45	3 44	1 56	20 54	0 31	9 43	1 47	23 9	9 30	23 24	23 22	11 59	17 6	6 17	F 29
S 30	13 44	18 13	2 32	22 49	2 44	13 59	0 47	13 45	0 14	12 53	0 45	3 41	1 56	20 54	0 31	9 43	1 47	23 9	9 29	23 24	23 22	12 2	17 5	6 18	S 30
S 31	14s 4	21s33	1n19	23s 6	2s47	14s24	0n45	13s59	0n14	12n50	0n45	3n39	1n57	20n54	0n31	9n42	1s47	23s 9	9s29	23n25	23n22	12n 4	17n 5	6s18	S 31

Julian Day Number = 2465697.5, Delta T = 71.47 sec
Ecliptic obliquity = 23°26'03, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'54, Lahiri = 24°23'54

ASTRODIENST EPHEMERIS for the year 2038
geocentric

NOVEMBER 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 32	8♏39'46	2♉10	2♐10	12♏14	8♏45	28♌13	25♍25	28♋47	29°R42	21°R56	2°D34	3♋58	13♉33	3°R41	M 1
T 2	2 45 29	9°39'48	16°12	3°11	13°29	9°26	28°21	25°31	28°47	29♈41	21♒56	2♋35	3°55	13°40	3♋39	T 2
W 3	2 49 26	10°39'51	29°47	4° 9	14°44	10° 7	28°28	25°37	28°47	29°39	21°56	2°36	3°52	13°47	3°38	W 3
T 4	2 53 22	11°39'56	12♒58	5° 4	15°59	10°49	28°36	25°43	28°R47	29°37	21°56	2°R37	3°49	13°53	3°36	T 4
F 5	2 57 19	12°40'02	25°48	5°55	17°15	11°30	28°43	25°49	28°47	29°36	21°D56	2°36	3°45	14° 0	3°34	F 5
S 6	3 1 15	13°40'10	8♓19	6°42	18°30	12°11	28°51	25°55	28°47	29°34	21°56	2°32	3°42	14° 7	3°32	S 6
S 7	3 5 12	14°40'19	20°38	7°24	19°45	12°52	28°58	26° 0	28°47	29°33	21°56	2°27	3°39	14°13	3°30	S 7
M 8	3 9 8	15°40'30	2♈45	8° 1	21° 0	13°34	29° 5	26° 6	28°47	29°31	21°56	2°20	3°36	14°20	3°28	M 8
T 9	3 13 5	16°40'43	14°46	8°32	22°15	14°15	29°11	26°12	28°47	29°29	21°56	2°12	3°33	14°27	3°26	T 9
W10	3 17 1	17°40'57	26°41	8°56	23°31	14°56	29°18	26°17	28°46	29°28	21°56	2° 3	3°30	14°33	3°24	W10
T 11	3 20 58	18°41'13	8♉33	9°14	24°46	15°38	29°25	26°23	28°46	29°26	21°56	1°54	3°26	14°40	3°22	T 11
F 12	3 24 55	19°41'30	20°23	9°23	26° 1	16°19	29°31	26°29	28°46	29°25	21°57	1°47	3°23	14°47	3°20	F 12
S 13	3 28 51	20°41'50	2♊14	9°R24	27°16	17° 1	29°37	26°34	28°45	29°23	21°57	1°41	3°20	14°53	3°17	S 13
S 14	3 32 48	21°42'11	14° 7	9°16	28°32	17°43	29°43	26°39	28°45	29°22	21°57	1°37	3°17	15° 0	3°15	S 14
M15	3 36 44	22°42'34	26° 4	8°58	29°47	18°24	29°49	26°45	28°44	29°20	21°57	1°D35	3°14	15° 7	3°12	M15
T 16	3 40 41	23°42'58	8♋ 8	8°30	1♐ 2	19° 6	29°55	26°50	28°43	29°19	21°58	1°35	3°11	15°13	3°10	T 16
W17	3 44 37	24°43'25	20°22	7°52	2°17	19°48	0♍ 1	26°55	28°43	29°17	21°58	1°37	3° 7	15°20	3° 7	W17
T 18	3 48 34	25°43'53	2♌49	7° 3	3°33	20°29	0° 6	27° 0	28°42	29°16	21°58	1°38	3° 4	15°27	3° 5	T 18
F 19	3 52 30	26°44'23	15°34	6° 5	4°48	21°11	0°11	27° 5	28°41	29°14	21°59	1°40	3° 1	15°34	3° 2	F 19
S 20	3 56 27	27°44'54	28°41	4°58	6° 3	21°53	0°16	27°10	28°40	29°13	21°59	1°R40	2°58	15°40	2°59	S 20
S 21	4 0 24	28°45'28	12♍13	3°45	7°18	22°35	0°21	27°15	28°40	29°11	21°59	1°40	2°55	15°47	2°56	S 21
M22	4 4 20	29°46'03	26°11	2°26	8°34	23°17	0°26	27°20	28°39	29°10	22° 0	1°37	2°51	15°54	2°53	M22
T 23	4 8 17	0♐46'40	10♎35	1° 4	9°49	23°59	0°31	27°24	28°38	29° 9	22° 0	1°34	2°48	16° 0	2°50	T 23
W24	4 12 13	1°47'19	25°23	29♏43	11° 4	24°41	0°35	27°29	28°37	29° 7	22° 1	1°29	2°45	16° 7	2°47	W24
T 25	4 16 10	2°48'00	10♏27	28°24	12°19	25°23	0°40	27°33	28°35	29° 6	22° 1	1°25	2°42	16°14	2°44	T 25
F 26	4 20 6	3°48'42	25°40	27°11	13°35	26° 5	0°44	27°38	28°34	29° 4	22° 2	1°21	2°39	16°20	2°41	F 26
S 27	4 24 3	4°49'25	10♐50	26° 5	14°50	26°48	0°48	27°42	28°33	29° 3	22° 3	1°19	2°36	16°27	2°38	S 27
S 28	4 27 59	5°50'10	25°49	25° 9	16° 5	27°30	0°51	27°46	28°32	29° 2	22° 3	1°D18	2°32	16°34	2°35	S 28
M29	4 31 56	6°50'56	10♑28	24°24	17°21	28°12	0°55	27°51	28°31	29° 1	22° 4	1°18	2°29	16°40	2°31	M29
T 30	4 35 53	7♐51'43	24♑42	23♏49	18♐36	28♏54	0♍58	27♍55	28♋29	28♈59	22♒ 4	1♋19	2♋26	16♉47	2♋28	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14 s23	23 s23	0n 2	23 s21	2 s49	14 s49	0n43	14 s13	0n13	12n48	0n45	3n37	1n57	20n54	0n31	9n42	1 s47	23 s 9	9 s29	23n25	23n22	12n 7	17n 4	6 s19
T 2	14 42	23 39	1 s13	23 35	2 50	15 14	0 41	14 26	0 12	12 45	0 45	3 34	1 57	20 54	0 31	9 41	1 47	23 8	9 29	23 25	23 23	12 9	17 4	6 19
W 3	15 1	22 29	2 21	23 47	2 51	15 38	0 39	14 40	0 12	12 43	0 46	3 32	1 57	20 54	0 31	9 41	1 47	23 8	9 29	23 25	23 23	12 12	17 3	6 20
T 4	15 20	20 7	3 20	23 57	2 52	16 2	0 37	14 53	0 11	12 40	0 46	3 30	1 57	20 54	0 31	9 40	1 47	23 8	9 28	23 25	23 23	12 14	17 3	6 20
F 5	15 38	16 47	4 7	24 6	2 51	16 26	0 34	15 6	0 11	12 38	0 46	3 28	1 57	20 54	0 31	9 39	1 47	23 8	9 28	23 25	23 23	12 17	17 3	6 21
S 6	15 56	12 47	4 41	24 13	2 50	16 49	0 32	15 20	0 10	12 36	0 46	3 26	1 58	20 55	0 31	9 39	1 47	23 8	9 28	23 25	23 23	12 19	17 2	6 21
S 7	16 14	8 20	5 1	24 18	2 48	17 11	0 30	15 33	0 10	12 34	0 46	3 23	1 58	20 55	0 31	9 38	1 47	23 8	9 28	23 25	23 23	12 22	17 2	6 22
M 8	16 32	3 36	5 8	24 21	2 44	17 33	0 28	15 46	0 9	12 31	0 47	3 21	1 58	20 55	0 31	9 38	1 47	23 7	9 28	23 25	23 23	12 24	17 1	6 22
T 9	16 49	1n12	5 0	24 21	2 40	17 55	0 26	15 59	0 8	12 29	0 47	3 19	1 58	20 55	0 31	9 37	1 47	23 7	9 28	23 25	23 23	12 27	17 1	6 23
W10	17 6	5 56	4 40	24 20	2 35	18 16	0 23	16 11	0 8	12 27	0 47	3 17	1 58	20 55	0 31	9 37	1 47	23 7	9 27	23 25	23 23	12 29	17 0	6 23
T 11	17 23	10 26	4 8	24 16	2 28	18 37	0 21	16 24	0 7	12 25	0 47	3 15	1 59	20 55	0 31	9 36	1 47	23 7	9 27	23 25	23 23	12 32	17 0	6 24
F 12	17 39	14 33	3 25	24 10	2 20	18 57	0 19	16 37	0 7	12 23	0 48	3 13	1 59	20 55	0 32	9 36	1 47	23 6	9 27	23 25	23 23	12 34	17 0	6 24
S 13	17 55	18 7	2 33	24 1	2 11	19 17	0 16	16 49	0 6	12 21	0 48	3 11	1 59	20 55	0 32	9 35	1 47	23 6	9 27	23 25	23 24	12 37	16 59	6 25
S 14	18 11	20 56	1 34	23 49	2 0	19 36	0 14	17 1	0 6	12 19	0 48	3 9	1 59	20 55	0 32	9 35	1 47	23 6	9 27	23 25	23 24	12 39	16 59	6 25
M15	18 27	22 53	0 30	23 34	1 48	19 55	0 11	17 13	0 5	12 17	0 48	3 7	2 0	20 55	0 32	9 34	1 47	23 6	9 26	23 25	23 24	12 42	16 58	6 25
T 16	18 42	23 47	0n36	23 16	1 34	20 13	0 9	17 25	0 4	12 15	0 48	3 5	2 0	20 56	0 32	9 34	1 47	23 5	9 26	23 25	23 24	12 44	16 58	6 26
W17	18 57	23 33	1 41	22 54	1 18	20 30	0 7	17 37	0 4	12 14	0 49	3 4	2 0	20 56	0 32	9 33	1 47	23 5	9 26	23 25	23 24	12 47	16 58	6 26
T 18	19 11	22 9	2 42	22 29	1 1	20 47	0 4	17 49	0 3	12 12	0 49	3 2	2 0	20 56	0 32	9 33	1 47	23 5	9 26	23 25	23 24	12 49	16 57	6 27
F 19	19 25	19 37	3 37	22 1	0 43	21 4	0 2	18 1	0 3	12 10	0 49	3 0	2 0	20 56	0 32	9 32	1 47	23 4	9 26	23 25	23 24	12 52	16 57	6 27
S 20	19 39	16 2	4 23	21 30	0 23	21 19	0 s 1	18 12	0 2	12 9	0 49	2 58	2 1	20 56	0 32	9 32	1 47	23 4	9 25	23 25	23 24	12 54	16 56	6 28
S 21	19 53	11 31	4 55	20 57	0 3	21 34	0 3	18 23	0 1	12 7	0 50	2 57	2 1	20 57	0 32	9 31	1 47	23 4	9 25	23 25	23 24	12 57	16 56	6 28
M22	20 6	6 17	5 11	20 21	0n18	21 49	0 5	18 35	0 1	12 6	0 50	2 55	2 1	20 57	0 32	9 31	1 47	23 4	9 25	23 25	23 24	12 59	16 56	6 28
T 23	20 19	0 33	5 9	19 45	0 38	22 3	0 8	18 46	0 0	12 4	0 50	2 53	2 1	20 57	0 32	9 30	1 47	23 3	9 25	23 25	23 24	13 2	16 55	6 29
W24	20 31	5 s22	4 46	19 9	0 58	22 16	0 10	18 57	0 s 0	12 3	0 50	2 52	2 2	20 57	0 32	9 30	1 47	23 3	9 25	23 26	23 24	13 4	16 55	6 29
T 25	20 43	11 6	4 4	18 33	1 17	22 29	0 13	19 7	0 1	12 2	0 51	2 50	2 2	20 58	0 32	9 29	1 47	23 3	9 24	23 26	23 24	13 6	16 55	6 30
F 26	20 54	16 12	3 3	18 0	1 34	22 41	0 15	19 18	0 2	12 0	0 51	2 49	2 2	20 58	0 32	9 29	1 47	23 2	9 24	23 26	23 24	13 9	16 55	6 30
S 27	21 6	20 15	1 50	17 30	1 49	22 52	0 18	19 28	0 2	11 59	0 51	2 47	2 2	20 58	0 32	9 28	1 47	23 2	9 24	23 26	23 25	13 11	16 54	6 30
S 28	21 17	22 52	0 30	17 4	2 2	23 2	0 20	19 39	0 3	11 58	0 51	2 46	2 2	20 58	0 32	9 28	1 46	23 1	9 24	23 26	23 25	13 14	16 54	6 31
M29	21 27	23 51	0 s50	16 42	2 14	23 12	0 22	19 49	0 3	11 57	0 52	2 44	2 3	20 59	0 32	9 28	1 46	23 1	9 24	23 26	23 25	13 16	16 54	6 31
T 30	21 s37	23 s14	2 s 5	16 s25	2n23	23 s21	0 s25	19 s59	0 s 4	11n56	0n52	2n43	2n 3	20n59	0n32	9n27	1 s46	23 s 1	9 s24	23n26	23n25	13n19	16n53	6 s31

Julian Day Number = 2465728.5, Delta T = 71.49 sec
Ecliptic obliquity = 23°26'03, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°16'58, Lahiri = 24°23'58

ASTRODIENST EPHEMERIS for the year 2038
geocentric

DECEMBER 2038 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 49	8♐52'31	8♒29	23°R27	19♐51	29♏37	1♍ 1	27♍59	28°R28	28°R58	22♒ 5	1♋20	2♋23	16♉54	2°R25	W 1
T 2	4 43 46	9°53'20	21°48	23♏16	21° 6	0♐19	1° 4	28° 3	28♋27	28♈57	22° 6	1°22	2°20	17° 0	2♋21	T 2
F 3	4 47 42	10°54'10	4♓43	23°D15	22°22	1° 2	1° 7	28° 6	28°25	28°56	22° 7	1°23	2°17	17° 7	2°18	F 3
S 4	4 51 39	11°55'00	17°17	23°25	23°37	1°44	1°10	28°10	28°24	28°55	22° 7	1°R23	2°13	17°14	2°14	S 4
S 5	4 55 35	12°55'52	29°34	23°45	24°52	2°27	1°12	28°14	28°22	28°54	22° 8	1°22	2°10	17°21	2°11	S 5
M 6	4 59 32	13°56'44	11♈38	24°13	26° 7	3° 9	1°15	28°17	28°20	28°53	22° 9	1°20	2° 7	17°27	2° 7	M 6
T 7	5 3 29	14°57'37	23°34	24°49	27°23	3°52	1°17	28°21	28°19	28°51	22°10	1°18	2° 4	17°34	2° 4	T 7
W 8	5 7 25	15°58'31	5♉25	25°32	28°38	4°35	1°19	28°24	28°17	28°50	22°11	1°15	2° 1	17°41	2° 0	W 8
T 9	5 11 22	16°59'26	17°15	26°20	29°53	5°18	1°20	28°27	28°15	28°49	22°12	1°13	1°57	17°47	1°56	T 9
F 10	5 15 18	18° 0'21	29° 6	27°15	1♊ 8	6° 0	1°22	28°31	28°13	28°48	22°12	1°11	1°54	17°54	1°53	F 10
S 11	5 19 15	19° 1'18	11♊ 1	28°14	2°24	6°43	1°23	28°34	28°12	28°48	22°13	1° 9	1°51	18° 1	1°49	S 11
S 12	5 23 11	20° 2'15	23° 1	29°17	3°39	7°26	1°24	28°37	28°10	28°47	22°14	1° 9	1°48	18° 7	1°45	S 12
M13	5 27 8	21° 3'13	5♋ 9	0♐23	4°54	8° 9	1°25	28°39	28° 8	28°46	22°15	1°D 8	1°45	18°14	1°42	M13
T 14	5 31 4	22° 4'13	17°26	1°33	6° 9	8°52	1°26	28°42	28° 6	28°45	22°16	1° 9	1°42	18°21	1°38	T 14
W15	5 35 1	23° 5'13	29°53	2°46	7°24	9°35	1°27	28°45	28° 4	28°44	22°17	1°10	1°38	18°27	1°34	W15
T 16	5 38 58	24° 6'14	12♌34	4° 1	8°40	10°18	1°27	28°47	28° 2	28°43	22°18	1°10	1°35	18°34	1°30	T 16
F 17	5 42 54	25° 7'15	25°28	5°18	9°55	11° 1	1°R27	28°50	28° 0	28°42	22°19	1°11	1°32	18°41	1°26	F 17
S 18	5 46 51	26° 8'18	8♍39	6°36	11°10	11°44	1°27	28°52	27°58	28°42	22°20	1°12	1°29	18°47	1°23	S 18
S 19	5 50 47	27° 9'22	22° 8	7°57	12°25	12°28	1°27	28°55	27°56	28°41	22°22	1°R12	1°26	18°54	1°19	S 19
M20	5 54 44	28°10'26	5♎57	9°18	13°40	13°11	1°26	28°57	27°54	28°40	22°23	1°12	1°23	19° 1	1°15	M20
T 21	5 58 40	29°11'32	20° 5	10°41	14°56	13°54	1°26	28°59	27°52	28°40	22°24	1°12	1°19	19° 7	1°11	T 21
W22	6 2 37	0♑12'38	4♏31	12° 5	16°11	14°37	1°25	29° 1	27°49	28°39	22°25	1°11	1°16	19°14	1° 7	W22
T 23	6 6 33	1°13'45	19°12	13°30	17°26	15°21	1°24	29° 3	27°47	28°38	22°26	1°D11	1°13	19°21	1° 3	T 23
F 24	6 10 30	2°14'53	4♐ 2	14°56	18°41	16° 4	1°23	29° 4	27°45	28°38	22°27	1°12	1°10	19°27	0°59	F 24
S 25	6 14 27	3°16'01	18°55	16°22	19°56	16°48	1°21	29° 6	27°43	28°37	22°29	1°12	1° 7	19°34	0°56	S 25
S 26	6 18 23	4°17'10	3♑42	17°49	21°12	17°31	1°20	29° 8	27°40	28°37	22°30	1°R12	1° 3	19°41	0°52	S 26
M27	6 22 20	5°18'20	18°16	19°17	22°27	18°15	1°18	29° 9	27°38	28°36	22°31	1°12	1° 0	19°48	0°48	M27
T 28	6 26 16	6°19'29	2♒32	20°45	23°42	18°59	1°16	29°10	27°36	28°36	22°33	1°11	0°57	19°54	0°44	T 28
W29	6 30 13	7°20'39	16°24	22°14	24°57	19°42	1°14	29°11	27°33	28°36	22°34	1°10	0°54	20° 1	0°40	W29
T 30	6 34 9	8°21'49	29°51	23°43	26°12	20°26	1°12	29°13	27°31	28°35	22°35	1°10	0°51	20° 8	0°36	T 30
F 31	6 38 6	9♑22'58	12♓53	25♐13	27♑27	21♐10	1♍ 9	29♍14	27♋28	28♈35	22♒37	1♋ 9	0♋48	20♉14	0♋32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s47	21s12	3s11	16s13	2n29	23s30	0s27	20s 8	0s 5	11n55	0n52	2n41	2n 3	20n59	0n32	9n27	1s46	23s 0	9s23	23n26	23n25	13n21	16n53	6s32
T 2	21 56	18 5	4 4	16 6	2 34	23 38	0 29	20 18	0 5	11 54	0 52	2 40	2 3	21 0	0 32	9 26	1 46	23 0	9 23	23 26	23 25	13 24	16 53	6 32
F 3	22 4	14 9	4 42	16 2	2 37	23 45	0 32	20 27	0 6	11 54	0 53	2 39	2 4	21 0	0 32	9 26	1 46	22 59	9 23	23 26	23 25	13 26	16 53	6 32
S 4	22 13	9 43	5 6	16 4	2 39	23 51	0 34	20 37	0 6	11 53	0 53	2 37	2 4	21 0	0 32	9 26	1 46	22 59	9 23	23 26	23 25	13 29	16 52	6 33
S 5	22 21	5 0	5 16	16 8	2 39	23 57	0 36	20 46	0 7	11 52	0 53	2 36	2 4	21 1	0 32	9 25	1 46	22 59	9 23	23 26	23 25	13 31	16 52	6 33
M 6	22 28	0 10	5 11	16 16	2 38	24 1	0 39	20 55	0 8	11 52	0 53	2 35	2 4	21 1	0 32	9 25	1 46	22 58	9 22	23 26	23 25	13 34	16 52	6 33
T 7	22 35	4n37	4 52	16 27	2 35	24 5	0 41	21 3	0 8	11 51	0 54	2 34	2 5	21 1	0 32	9 25	1 46	22 58	9 22	23 26	23 25	13 36	16 52	6 33
W 8	22 42	9 13	4 22	16 41	2 32	24 9	0 43	21 12	0 9	11 51	0 54	2 33	2 5	21 2	0 32	9 24	1 46	22 57	9 22	23 26	23 25	13 38	16 52	6 34
T 9	22 48	13 28	3 40	16 56	2 28	24 12	0 45	21 20	0 9	11 50	0 54	2 32	2 5	21 2	0 32	9 24	1 46	22 57	9 22	23 26	23 25	13 41	16 51	6 34
F 10	22 54	17 13	2 48	17 14	2 23	24 13	0 48	21 28	0 10	11 50	0 54	2 31	2 6	21 2	0 32	9 24	1 46	22 56	9 22	23 26	23 25	13 43	16 51	6 34
S 11	22 59	20 17	1 49	17 32	2 17	24 15	0 50	21 36	0 11	11 50	0 55	2 30	2 6	21 3	0 32	9 23	1 46	22 56	9 22	23 26	23 25	13 46	16 51	6 34
S 12	23 4	22 30	0 45	17 52	2 11	24 15	0 52	21 44	0 11	11 50	0 55	2 29	2 6	21 3	0 32	9 23	1 46	22 55	9 21	23 26	23 25	13 48	16 51	6 35
M13	23 8	23 42	0n22	18 12	2 5	24 15	0 54	21 51	0 12	11 49	0 55	2 28	2 6	21 4	0 32	9 23	1 46	22 55	9 21	23 26	23 25	13 51	16 51	6 35
T 14	23 12	23 46	1 29	18 33	1 58	24 13	0 56	21 59	0 13	11 49	0 55	2 27	2 7	21 4	0 33	9 23	1 46	22 54	9 21	23 26	23 25	13 53	16 51	6 35
W15	23 15	22 40	2 33	18 54	1 51	24 12	0 58	22 6	0 13	11 49	0 56	2 26	2 7	21 5	0 33	9 22	1 46	22 54	9 21	23 26	23 25	13 56	16 50	6 35
T 16	23 18	20 24	3 30	19 15	1 43	24 9	1 0	22 13	0 14	11 50	0 56	2 25	2 7	21 5	0 33	9 22	1 46	22 53	9 21	23 26	23 25	13 58	16 50	6 35
F 17	23 21	17 5	4 18	19 37	1 36	24 6	1 2	22 20	0 14	11 50	0 56	2 25	2 7	21 5	0 33	9 22	1 46	22 53	9 21	23 26	23 26	14 0	16 50	6 35
S 18	23 23	12 51	4 54	19 58	1 28	24 2	1 4	22 26	0 15	11 50	0 56	2 24	2 8	21 6	0 33	9 22	1 46	22 52	9 21	23 26	23 26	14 3	16 50	6 36
S 19	23 24	7 55	5 14	20 18	1 20	23 57	1 6	22 33	0 16	11 50	0 57	2 23	2 8	21 6	0 33	9 22	1 46	22 52	9 20	23 26	23 26	14 5	16 50	6 36
M20	23 25	2 29	5 17	20 39	1 13	23 51	1 8	22 39	0 16	11 51	0 57	2 23	2 8	21 7	0 33	9 21	1 46	22 51	9 20	23 26	23 26	14 8	16 50	6 36
T 21	23 26	3s12	5 1	20 59	1 5	23 45	1 9	22 45	0 17	11 51	0 57	2 22	2 9	21 7	0 33	9 21	1 45	22 51	9 20	23 26	23 26	14 10	16 50	6 36
W22	23 26	8 51	4 26	21 18	0 57	23 38	1 11	22 50	0 18	11 52	0 57	2 22	2 9	21 8	0 33	9 21	1 45	22 50	9 20	23 26	23 26	14 12	16 50	6 36
T 23	23 26	14 6	3 33	21 36	0 49	23 30	1 13	22 56	0 18	11 52	0 58	2 21	2 9	21 8	0 33	9 21	1 45	22 50	9 20	23 26	23 26	14 15	16 50	6 36
F 24	23 25	18 34	2 25	21 54	0 41	23 22	1 14	23 1	0 19	11 53	0 58	2 21	2 9	21 9	0 33	9 21	1 45	22 49	9 20	23 26	23 26	14 17	16 50	6 36
S 25	23 24	21 51	1 8	22 11	0 33	23 12	1 16	23 6	0 19	11 54	0 58	2 20	2 10	21 9	0 33	9 21	1 45	22 49	9 20	23 26	23 26	14 20	16 50	6 36
S 26	23 22	23 37	0s14	22 27	0 26	23 2	1 18	23 11	0 20	11 55	0 58	2 20	2 10	21 9	0 33	9 20	1 45	22 48	9 19	23 26	23 26	14 22	16 50	6 36
M27	23 20	23 44	1 33	22 42	0 18	22 52	1 19	23 15	0 21	11 55	0 59	2 20	2 10	21 10	0 33	9 20	1 45	22 48	9 19	23 26	23 26	14 25	16 50	6 36
T 28	23 17	22 17	2 45	22 56	0 11	22 41	1 20	23 20	0 21	11 56	0 59	2 19	2 10	21 10	0 33	9 20	1 45	22 47	9 19	23 26	23 26	14 27	16 50	6 36
W29	23 14	19 30	3 46	23 9	0 3	22 29	1 22	23 24	0 22	11 57	0 59	2 19	2 11	21 11	0 33	9 20	1 45	22 47	9 19	23 26	23 26	14 29	16 50	6 36
T 30	23 10	15 45	4 31	23 21	0s 4	22 16	1 23	23 28	0 23	11 58	0 59	2 19	2 11	21 11	0 33	9 20	1 45	22 46	9 19	23 26	23 26	14 32	16 50	6 36
F 31	23s 6	11s21	5s 1	23s32	0s11	22s 3	1s24	23s31	0s23	12n 0	1n 0	2n19	2n11	21n12	0n33	9n20	1s45	22s45	9s19	23n26	23n26	14n34	16n50	6s36

Julian Day Number = 2465758.5, Delta T = 71.51 sec
Ecliptic obliquity = 23°26'02, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°17'02, Lahiri = 24°24'03