Astrodienst Ephemeris Tables

for the year 2040

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 2040
geocentric

JANUARY 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 5	10♑ 9'26	26♋ 9	7♑44	3♐45	12°R29	1♎27	11♎39	2°R15	0°R50	24♒ 2	12°R50	11♊25	0♋49	9°R53	S 1
M 2	6 45 2	11°10'34	8♌ 8	9°20	4°58	12♋ 5	1°30	11°41	2♌13	0♉50	24° 4	12♊45	11°22	0°56	9♋49	M 2
T 3	6 48 58	12°11'43	20°14	10°56	6°11	11°41	1°33	11°43	2°10	0°50	24° 5	12°39	11°18	1° 3	9°45	T 3
W 4	6 52 55	13°12'51	2♍29	12°32	7°24	11°18	1°35	11°45	2° 8	0°49	24° 7	12°34	11°15	1° 9	9°41	W 4
T 5	6 56 51	14°13'59	14°57	14° 9	8°38	10°54	1°38	11°47	2° 6	0°49	24° 8	12°30	11°12	1°16	9°37	T 5
F 6	7 0 48	15°15'08	27°38	15°46	9°51	10°31	1°40	11°49	2° 3	0°49	24° 9	12°27	11° 9	1°23	9°33	F 6
S 7	7 4 45	16°16'17	10♎38	17°24	11° 5	10° 8	1°42	11°50	2° 1	0°49	24°11	12°D25	11° 6	1°29	9°29	S 7
S 8	7 8 41	17°17'26	23°57	19° 1	12°18	9°45	1°43	11°52	1°58	0°49	24°12	12°25	11° 3	1°36	9°25	S 8
M 9	7 12 38	18°18'35	7♏40	20°40	13°32	9°22	1°45	11°53	1°56	0°49	24°14	12°26	10°59	1°43	9°21	M 9
T 10	7 16 34	19°19'45	21°46	22°18	14°46	9° 0	1°46	11°54	1°53	0°48	24°15	12°28	10°56	1°49	9°17	T 10
W11	7 20 31	20°20'54	6♐16	23°58	15°59	8°38	1°47	11°56	1°51	0°D48	24°17	12°R29	10°53	1°56	9°13	W11
T 12	7 24 27	21°22'04	21° 7	25°37	17°13	8°17	1°48	11°57	1°48	0°48	24°18	12°29	10°50	2° 3	9° 9	T 12
F 13	7 28 24	22°23'14	6♑12	27°17	18°27	7°56	1°49	11°58	1°45	0°48	24°20	12°27	10°47	2° 9	9° 5	F 13
S 14	7 32 21	23°24'23	21°23	28°57	19°40	7°36	1°50	11°58	1°43	0°49	24°21	12°23	10°43	2°16	9° 1	S 14
S 15	7 36 17	24°25'32	6♒31	0♒38	20°54	7°16	1°50	11°59	1°40	0°49	24°23	12°17	10°40	2°23	8°57	S 15
M16	7 40 14	25°26'40	21°25	2°19	22° 8	6°57	1°50	12° 0	1°38	0°49	24°24	12°10	10°37	2°29	8°54	M16
T 17	7 44 10	26°27'48	5♓57	4° 0	23°22	6°38	1°R50	12° 0	1°35	0°49	24°26	12° 3	10°34	2°36	8°50	T 17
W18	7 48 7	27°28'55	20° 2	5°42	24°36	6°20	1°50	12° 1	1°33	0°49	24°28	11°56	10°31	2°43	8°46	W18
T 19	7 52 3	28°30'01	3♈37	7°24	25°50	6° 3	1°50	12° 1	1°30	0°49	24°29	11°51	10°28	2°49	8°42	T 19
F 20	7 56 0	29°31'07	16°44	9° 6	27° 4	5°47	1°49	12° 1	1°27	0°50	24°31	11°49	10°24	2°56	8°39	F 20
S 21	7 59 56	0♒32'11	29°25	10°48	28°17	5°31	1°49	12°R 1	1°25	0°50	24°32	11°D48	10°21	3° 3	8°35	S 21
S 22	8 3 53	1°33'15	11♉45	12°30	29°31	5°16	1°48	12° 1	1°22	0°50	24°34	11°48	10°18	3° 9	8°31	S 22
M23	8 7 50	2°34'18	23°49	14°12	0♑45	5° 2	1°46	12° 1	1°19	0°51	24°36	11°49	10°15	3°16	8°28	M23
T 24	8 11 46	3°35'20	5♊43	15°53	1°59	4°49	1°45	12° 1	1°17	0°51	24°37	11°R50	10°12	3°23	8°24	T 24
W25	8 15 43	4°36'21	17°31	17°34	3°13	4°36	1°44	12° 0	1°14	0°52	24°39	11°50	10° 9	3°29	8°21	W25
T 26	8 19 39	5°37'21	29°17	19°14	4°27	4°24	1°42	12° 0	1°12	0°52	24°41	11°49	10° 5	3°36	8°17	T 26
F 27	8 23 36	6°38'20	11♋ 6	20°54	5°42	4°13	1°40	11°59	1° 9	0°53	24°42	11°44	10° 2	3°43	8°14	F 27
S 28	8 27 32	7°39'18	23° 0	22°32	6°56	4° 3	1°38	11°59	1° 6	0°53	24°44	11°37	9°59	3°49	8°10	S 28
S 29	8 31 29	8°40'15	5♌ 1	24° 8	8°10	3°53	1°36	11°58	1° 4	0°54	24°46	11°28	9°56	3°56	8° 7	S 29
M30	8 35 25	9°41'11	17°11	25°43	9°24	3°45	1°33	11°57	1° 1	0°55	24°47	11°17	9°53	4° 2	8° 4	M30
T 31	8 39 22	10♒42'06	29♌30	27♒15	10♑38	3♋37	1♎30	11♎56	0♌59	0♉55	24♒49	11♊ 6	9♊49	4♋ 9	8♋ 1	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	23s 3	24n26	3n35	24s46	1s33	19s 4	1n52	26n35	3n45	0n36	1n17	2s26	2n22	20n14	0n36	10n 7	1s46	22s36	9s40	22n20	22n 9	25n 9	15n58	7s 7
M 2	22 58	22 23	4 18	24 44	1 38	19 19	1 50	26 39	3 47	0 35	1 17	2 26	2 22	20 15	0 36	10 7	1 46	22 35	9 40	22 19	22 8	25 10	15 58	7 7
T 3	22 53	19 18	4 49	24 41	1 42	19 34	1 48	26 42	3 48	0 34	1 17	2 27	2 22	20 15	0 36	10 6	1 46	22 35	9 40	22 19	22 8	25 10	15 59	7 7
W 4	22 47	15 22	5 8	24 36	1 46	19 48	1 46	26 46	3 49	0 33	1 18	2 27	2 23	20 16	0 36	10 6	1 46	22 34	9 40	22 18	22 7	25 11	15 59	7 7
T 5	22 40	10 44	5 12	24 30	1 49	20 2	1 44	26 49	3 50	0 33	1 18	2 28	2 23	20 16	0 36	10 6	1 46	22 34	9 40	22 17	22 7	25 12	15 59	7 7
F 6	22 34	5 33	5 2	24 22	1 52	20 15	1 42	26 51	3 51	0 32	1 18	2 28	2 23	20 17	0 36	10 6	1 45	22 33	9 40	22 17	22 7	25 13	15 59	7 7
S 7	22 27	0 1	4 36	24 13	1 55	20 27	1 40	26 54	3 52	0 32	1 19	2 29	2 24	20 17	0 36	10 6	1 45	22 33	9 39	22 17	22 6	25 13	16 0	7 7
S 8	22 19	5s40	3 54	24 2	1 58	20 39	1 37	26 57	3 53	0 31	1 19	2 29	2 24	20 18	0 36	10 6	1 45	22 32	9 39	22 17	22 6	25 14	16 0	7 7
M 9	22 11	11 15	2 59	23 50	2 0	20 51	1 35	26 59	3 53	0 31	1 19	2 29	2 24	20 18	0 36	10 6	1 45	22 31	9 39	22 17	22 5	25 15	16 0	7 7
T 10	22 3	16 25	1 51	23 36	2 2	21 2	1 33	27 1	3 54	0 31	1 19	2 29	2 24	20 19	0 36	10 6	1 45	22 31	9 39	22 17	22 5	25 16	16 1	7 7
W11	21 54	20 48	0 34	23 21	2 4	21 12	1 30	27 3	3 54	0 30	1 20	2 30	2 25	20 20	0 36	10 7	1 45	22 30	9 39	22 17	22 4	25 16	16 1	7 7
T 12	21 44	23 55	0s47	23 4	2 5	21 22	1 28	27 5	3 55	0 30	1 20	2 30	2 25	20 20	0 36	10 7	1 45	22 30	9 39	22 17	22 4	25 17	16 1	7 7
F 13	21 35	25 23	2 5	22 46	2 6	21 31	1 25	27 6	3 55	0 30	1 20	2 30	2 25	20 21	0 36	10 7	1 45	22 29	9 39	22 17	22 3	25 18	16 2	7 7
S 14	21 24	24 57	3 15	22 26	2 7	21 39	1 23	27 8	3 55	0 30	1 21	2 30	2 26	20 21	0 36	10 7	1 45	22 28	9 39	22 16	22 3	25 19	16 2	7 7
S 15	21 14	22 42	4 11	22 4	2 7	21 47	1 20	27 9	3 55	0 30	1 21	2 30	2 26	20 22	0 36	10 7	1 45	22 28	9 39	22 16	22 3	25 19	16 2	7 7
M16	21 3	18 55	4 49	21 41	2 6	21 55	1 18	27 10	3 55	0 30	1 21	2 30	2 26	20 23	0 36	10 7	1 45	22 27	9 39	22 15	22 2	25 20	16 3	7 6
T 17	20 51	14 5	5 7	21 17	2 5	22 1	1 15	27 11	3 55	0 31	1 21	2 30	2 26	20 23	0 36	10 7	1 45	22 27	9 39	22 14	22 2	25 21	16 3	7 6
W18	20 40	8 38	5 6	20 51	2 4	22 7	1 12	27 11	3 55	0 31	1 22	2 30	2 27	20 24	0 36	10 7	1 45	22 26	9 39	22 13	22 1	25 21	16 3	7 6
T 19	20 27	2 57	4 47	20 23	2 2	22 13	1 10	27 12	3 54	0 31	1 22	2 30	2 27	20 24	0 36	10 7	1 45	22 25	9 39	22 12	22 1	25 22	16 4	7 6
F 20	20 15	2n40	4 14	19 54	1 59	22 17	1 7	27 12	3 54	0 32	1 22	2 29	2 27	20 25	0 36	10 7	1 45	22 25	9 38	22 12	22 0	25 23	16 4	7 6
S 21	20 2	8 0	3 29	19 23	1 56	22 21	1 4	27 12	3 53	0 32	1 22	2 29	2 28	20 26	0 36	10 8	1 45	22 24	9 38	22 12	22 0	25 23	16 5	7 6
S 22	19 49	12 54	2 35	18 51	1 53	22 25	1 1	27 12	3 53	0 33	1 23	2 29	2 28	20 26	0 36	10 8	1 45	22 24	9 38	22 12	21 59	25 24	16 5	7 6
M23	19 35	17 11	1 36	18 18	1 49	22 27	0 59	27 12	3 52	0 34	1 23	2 29	2 28	20 27	0 36	10 8	1 44	22 23	9 38	22 12	21 59	25 25	16 5	7 5
T 24	19 21	20 43	0 33	17 43	1 44	22 30	0 56	27 12	3 52	0 35	1 23	2 28	2 28	20 27	0 36	10 8	1 44	22 22	9 38	22 12	21 58	25 25	16 6	7 5
W25	19 6	23 21	0n30	17 7	1 38	22 31	0 53	27 12	3 51	0 35	1 24	2 28	2 29	20 28	0 36	10 8	1 44	22 22	9 38	22 12	21 58	25 26	16 6	7 5
T 26	18 52	24 58	1 32	16 30	1 32	22 32	0 50	27 12	3 50	0 36	1 24	2 27	2 29	20 28	0 36	10 9	1 44	22 21	9 38	22 12	21 58	25 27	16 7	7 5
F 27	18 37	25 28	2 30	15 52	1 25	22 32	0 47	27 11	3 49	0 37	1 24	2 27	2 29	20 29	0 36	10 9	1 44	22 21	9 38	22 11	21 57	25 27	16 7	7 4
S 28	18 21	24 48	3 22	15 13	1 17	22 31	0 44	27 11	3 48	0 38	1 24	2 26	2 30	20 30	0 36	10 9	1 44	22 20	9 38	22 10	21 57	25 28	16 8	7 4
S 29	18 5	22 58	4 5	14 33	1 8	22 30	0 41	27 10	3 47	0 40	1 25	2 26	2 30	20 30	0 36	10 9	1 44	22 19	9 38	22 9	21 56	25 28	16 8	7 4
M30	17 49	20 5	4 38	13 52	0 59	22 28	0 38	27 9	3 46	0 41	1 25	2 25	2 30	20 31	0 36	10 10	1 44	22 19	9 38	22 8	21 56	25 29	16 8	7 4
T 31	17s33	16n17	4n58	13s11	0s49	22s25	0n35	27n 8	3n45	0n42	1n25	2s25	2n30	20n31	0n36	10n10	1s44	22s18	9s38	22n 6	21n55	25n30	16n 9	7s 3

Julian Day Number = 2466154.5, Delta T = 71.80 sec
Ecliptic obliquity = 23°26'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°17'57, Lahiri = 24°24'57

ASTRODIENST EPHEMERIS for the year 2040
geocentric

FEBRUARY 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 19	11♒43'01	12♍ 0	28♒44	11♉52	3°R30	1°R28	11°R55	0°R56	0♉56	24♒51	10°R54	9♊46	4♋16	7°R58	W 1
T 2	8 47 15	12°43'54	24°41	0♓10	13° 6	3♋23	1♎25	11♎54	0♌54	0°57	24°52	10♊44	9°43	4°22	7♋55	T 2
F 3	8 51 12	13°44'47	7♎33	1°31	14°20	3°18	1°21	11°53	0°51	0°57	24°54	10°36	9°40	4°29	7°52	F 3
S 4	8 55 8	14°45'38	20°38	2°47	15°35	3°13	1°18	11°51	0°48	0°58	24°56	10°31	9°37	4°36	7°49	S 4
S 5	8 59 5	15°46'29	3♏58	3°58	16°49	3° 9	1°15	11°50	0°46	0°59	24°58	10°28	9°34	4°42	7°46	S 5
M 6	9 3 1	16°47'19	17°34	5° 3	18° 3	3° 6	1°11	11°48	0°43	1° 0	24°59	10°D28	9°30	4°49	7°43	M 6
T 7	9 6 58	17°48'09	1♐27	6° 0	19°17	3° 4	1° 7	11°46	0°41	1° 1	25° 1	10°28	9°27	4°56	7°40	T 7
W 8	9 10 54	18°48'57	15°38	6°50	20°32	3° 3	1° 3	11°44	0°39	1° 2	25° 3	10°R28	9°24	5° 2	7°38	W 8
T 9	9 14 51	19°49'45	0♑ 7	7°31	21°46	3°D 2	0°59	11°43	0°36	1° 3	25° 4	10°27	9°21	5° 9	7°35	T 9
F 10	9 18 48	20°50'31	14°51	8° 3	23° 0	3° 2	0°54	11°41	0°34	1° 4	25° 6	10°23	9°18	5°16	7°32	F 10
S 11	9 22 44	21°51'17	29°42	8°24	24°14	3° 3	0°50	11°38	0°31	1° 5	25° 8	10°16	9°15	5°22	7°30	S 11
S 12	9 26 41	22°52'01	14♒36	8°36	25°29	3° 4	0°45	11°36	0°29	1° 6	25°10	10° 7	9°11	5°29	7°27	S 12
M13	9 30 37	23°52'44	29°21	8°R36	26°43	3° 6	0°40	11°34	0°27	1° 7	25°11	9°56	9° 8	5°36	7°25	M13
T 14	9 34 34	24°53'26	13♓50	8°26	27°57	3° 9	0°35	11°31	0°24	1° 8	25°13	9°44	9° 5	5°42	7°23	T 14
W15	9 38 30	25°54'05	27°56	8° 6	29°12	3°13	0°30	11°29	0°22	1° 9	25°15	9°33	9° 2	5°49	7°21	W15
T 16	9 42 27	26°54'44	11♈36	7°35	0♒26	3°17	0°24	11°26	0°20	1°10	25°17	9°24	8°59	5°56	7°19	T 16
F 17	9 46 23	27°55'20	24°48	6°56	1°40	3°22	0°19	11°24	0°17	1°12	25°18	9°17	8°55	6° 2	7°17	F 17
S 18	9 50 20	28°55'55	7♉34	6° 8	2°55	3°28	0°13	11°21	0°15	1°13	25°20	9°13	8°52	6° 9	7°15	S 18
S 19	9 54 17	29°56'29	19°58	5°12	4° 9	3°35	0° 7	11°18	0°13	1°14	25°22	9°11	8°49	6°16	7°13	S 19
M20	9 58 13	0♓57'00	2♊ 4	4°12	5°23	3°42	0° 1	11°15	0°11	1°15	25°24	9°11	8°46	6°22	7°11	M20
T 21	10 2 10	1°57'30	13°59	3° 7	6°38	3°49	29♍55	11°12	0° 9	1°17	25°25	9°11	8°43	6°29	7° 9	T 21
W22	10 6 6	2°57'58	25°47	2° 1	7°52	3°58	29°49	11° 9	0° 7	1°18	25°27	9°10	8°40	6°36	7° 8	W22
T 23	10 10 3	3°58'24	7♋34	0°54	9° 6	4° 7	29°43	11° 6	0° 5	1°19	25°29	9° 7	8°36	6°42	7° 6	T 23
F 24	10 13 59	4°58'48	19°25	29♒48	10°21	4°16	29°36	11° 3	0° 3	1°21	25°31	9° 2	8°33	6°49	7° 5	F 24
S 25	10 17 56	5°59'10	1♌24	28°45	11°35	4°26	29°30	10°59	0° 1	1°22	25°32	8°54	8°30	6°56	7° 3	S 25
S 26	10 21 52	6°59'31	13°34	27°46	12°49	4°37	29°23	10°56	29♋59	1°24	25°34	8°43	8°27	7° 2	7° 2	S 26
M27	10 25 49	7°59'49	25°56	26°53	14° 4	4°48	29°17	10°52	29°57	1°25	25°36	8°30	8°24	7° 9	7° 1	M27
T 28	10 29 46	9° 0'06	8♍31	26° 5	15°18	5° 0	29°10	10°49	29°55	1°27	25°37	8°16	8°20	7°16	7° 0	T 28
W29	10 33 42	10♓ 0'21	21♍20	25♒24	16♒32	5♋12	29♍ 3	10♎45	29♋53	1♉28	25♒39	8♊ 2	8♊17	7♋22	6♋59	W29

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	17s16	11n44	5n 4	12s30	0s38	22s22	0n32	27n 8	3n44	0n44	1n25	2s24	2n31	20n32	0n36	10n10	1s44	22s18	9s38	22n 5	21n55	25n30	16n 9	7s 3
T 2	16 59	6 37	4 55	11 49	0 26	22 18	0 30	27 7	3 43	0 45	1 26	2 23	2 31	20 32	0 36	10 11	1 44	22 17	9 38	22 3	21 54	25 31	16 10	7 3
F 3	16 42	1 9	4 31	11 8	0 13	22 13	0 27	27 6	3 42	0 46	1 26	2 22	2 31	20 33	0 36	10 11	1 44	22 16	9 38	22 2	21 54	25 31	16 10	7 3
S 4	16 24	4s28	3 53	10 29	0n 0	22 8	0 24	27 5	3 41	0 48	1 26	2 22	2 31	20 34	0 36	10 11	1 44	22 16	9 38	22 1	21 53	25 32	16 11	7 2
S 5	16 6	9 59	3 2	9 50	0 14	22 2	0 21	27 3	3 40	0 50	1 26	2 21	2 32	20 34	0 36	10 12	1 44	22 15	9 38	22 1	21 53	25 32	16 11	7 2
M 6	15 48	15 10	1 59	9 12	0 29	21 55	0 18	27 2	3 38	0 51	1 27	2 20	2 32	20 35	0 36	10 12	1 44	22 15	9 38	22 1	21 52	25 33	16 12	7 2
T 7	15 30	19 40	0 48	8 37	0 45	21 48	0 15	27 1	3 37	0 53	1 27	2 19	2 32	20 35	0 36	10 12	1 44	22 14	9 38	22 1	21 52	25 34	16 12	7 1
W 8	15 11	23 7	0s27	8 4	1 0	21 40	0 12	27 0	3 36	0 55	1 27	2 18	2 33	20 36	0 36	10 13	1 44	22 13	9 38	22 1	21 51	25 34	16 13	7 1
T 9	14 52	25 9	1 42	7 34	1 17	21 32	0 9	26 59	3 35	0 57	1 27	2 17	2 33	20 36	0 36	10 13	1 44	22 13	9 38	22 1	21 51	25 35	16 13	7 0
F 10	14 33	25 27	2 52	7 7	1 33	21 22	0 6	26 57	3 33	0 59	1 28	2 16	2 33	20 37	0 36	10 13	1 43	22 12	9 38	22 0	21 50	25 35	16 14	7 0
S 11	14 13	23 57	3 50	6 43	1 50	21 12	0 3	26 56	3 32	1 1	1 28	2 15	2 33	20 37	0 36	10 14	1 43	22 12	9 38	21 59	21 50	25 36	16 14	7 0
S 12	13 54	20 48	4 32	6 24	2 6	21 2	0 0	26 54	3 31	1 3	1 28	2 14	2 34	20 38	0 36	10 14	1 43	22 11	9 38	21 58	21 49	25 36	16 15	6 59
M13	13 34	16 19	4 56	6 9	2 22	20 51	0s 2	26 53	3 29	1 5	1 28	2 13	2 34	20 38	0 36	10 15	1 43	22 11	9 38	21 56	21 49	25 37	16 15	6 59
T 14	13 13	10 59	5 1	5 58	2 37	20 39	0 5	26 52	3 28	1 7	1 29	2 12	2 34	20 39	0 36	10 15	1 43	22 10	9 38	21 54	21 48	25 37	16 16	6 58
W15	12 53	5 12	4 46	5 53	2 52	20 27	0 8	26 50	3 26	1 10	1 29	2 10	2 34	20 39	0 36	10 16	1 43	22 9	9 38	21 53	21 48	25 38	16 16	6 58
T 16	12 32	0n40	4 16	5 52	3 5	20 14	0 11	26 49	3 25	1 12	1 29	2 9	2 35	20 40	0 36	10 16	1 43	22 9	9 39	21 51	21 48	25 38	16 17	6 58
F 17	12 12	6 19	3 32	5 56	3 16	20 0	0 13	26 47	3 24	1 14	1 29	2 8	2 35	20 40	0 36	10 17	1 43	22 8	9 39	21 50	21 47	25 39	16 17	6 57
S 18	11 51	11 31	2 39	6 4	3 26	19 46	0 16	26 46	3 22	1 17	1 29	2 7	2 35	20 41	0 36	10 17	1 43	22 8	9 39	21 50	21 47	25 39	16 18	6 57
S 19	11 29	16 7	1 40	6 17	3 34	19 31	0 19	26 44	3 21	1 19	1 30	2 5	2 35	20 41	0 36	10 17	1 43	22 7	9 39	21 49	21 46	25 40	16 19	6 56
M20	11 8	19 57	0 38	6 34	3 39	19 16	0 22	26 42	3 19	1 22	1 30	2 4	2 35	20 42	0 36	10 18	1 43	22 7	9 39	21 49	21 46	25 40	16 19	6 56
T 21	10 47	22 54	0n25	6 54	3 42	19 0	0 24	26 41	3 18	1 24	1 30	2 3	2 36	20 42	0 36	10 18	1 43	22 6	9 39	21 49	21 45	25 41	16 20	6 55
W22	10 25	24 49	1 27	7 17	3 43	18 44	0 27	26 39	3 17	1 27	1 30	2 1	2 36	20 42	0 36	10 19	1 43	22 6	9 39	21 49	21 45	25 41	16 20	6 55
T 23	10 3	25 37	2 24	7 41	3 42	18 27	0 29	26 37	3 15	1 30	1 30	2 0	2 36	20 43	0 36	10 20	1 43	22 5	9 39	21 49	21 44	25 41	16 21	6 55
F 24	9 41	25 15	3 16	8 7	3 39	18 9	0 32	26 36	3 14	1 32	1 30	1 58	2 36	20 43	0 36	10 20	1 43	22 5	9 39	21 48	21 44	25 42	16 21	6 54
S 25	9 19	23 43	3 59	8 34	3 33	17 51	0 34	26 34	3 12	1 35	1 31	1 57	2 37	20 44	0 36	10 21	1 43	22 4	9 39	21 47	21 43	25 42	16 22	6 54
S 26	8 57	21 5	4 32	9 1	3 26	17 33	0 37	26 32	3 11	1 38	1 31	1 55	2 37	20 44	0 36	10 21	1 43	22 4	9 39	21 45	21 43	25 43	16 22	6 53
M27	8 34	17 28	4 53	9 28	3 17	17 14	0 39	26 30	3 9	1 41	1 31	1 54	2 37	20 44	0 36	10 22	1 43	22 3	9 39	21 43	21 42	25 43	16 23	6 53
T 28	8 12	13 0	5 0	9 54	3 6	16 54	0 41	26 28	3 8	1 44	1 31	1 52	2 37	20 45	0 36	10 22	1 43	22 3	9 40	21 41	21 42	25 44	16 23	6 52
W29	7s49	7n54	4n52	10s18	2n55	16s34	0s44	26n26	3n 7	1n47	1n31	1s51	2n37	20n45	0n36	10n23	1s43	22s 2	9s40	21n39	21n41	25n44	16n24	6s52

Julian Day Number = 2466185.5, Delta T = 71.82 sec
Ecliptic obliquity = 23°26'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'01, Lahiri = 24°25'01

ASTRODIENST EPHEMERIS for the year 2040
geocentric

MARCH 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 39	11♓ 0'35	4♎21	24°R49	17♒47	5♋25	28°R56	10°R42	29°R51	1♉30	25♒41	7°R50	8♊14	7♋29	6°R58	T 1
F 2	10 41 35	12° 0'46	17°33	24♒22	19° 1	5°38	28♍49	10♎38	29♋50	1°31	25°43	7♊40	8°11	7°36	6♋57	F 2
S 3	10 45 32	13° 0'56	0♏56	24° 2	20°15	5°52	28°41	10°34	29°48	1°33	25°44	7°33	8° 8	7°42	6°56	S 3
S 4	10 49 28	14° 1'05	14°29	23°49	21°30	6° 7	28°34	10°30	29°46	1°35	25°46	7°29	8° 5	7°49	6°55	S 4
M 5	10 53 25	15° 1'12	28°11	23°D42	22°44	6°21	28°27	10°26	29°45	1°36	25°48	7°28	8° 1	7°56	6°55	M 5
T 6	10 57 21	16° 1'18	12♐ 4	23°42	23°59	6°37	28°19	10°22	29°43	1°38	25°49	7°27	7°58	8° 2	6°54	T 6
W 7	11 1 18	17° 1'22	26° 7	23°49	25°13	6°52	28°12	10°18	29°41	1°40	25°51	7°27	7°55	8° 9	6°54	W 7
T 8	11 5 14	18° 1'24	10♑19	24° 1	26°27	7° 9	28° 4	10°14	29°40	1°42	25°53	7°26	7°52	8°16	6°54	T 8
F 9	11 9 11	19° 1'25	24°40	24°19	27°42	7°25	27°57	10°10	29°38	1°43	25°54	7°22	7°49	8°22	6°53	F 9
S 10	11 13 8	20° 1'25	9♒ 6	24°42	28°56	7°42	27°49	10° 6	29°37	1°45	25°56	7°15	7°46	8°29	6°53	S 10
S 11	11 17 4	21° 1'22	23°33	25°11	0♓10	8° 0	27°41	10° 1	29°36	1°47	25°57	7° 6	7°42	8°36	6°D53	S 11
M12	11 21 1	22° 1'18	7♓54	25°43	1°25	8°18	27°34	9°57	29°34	1°49	25°59	6°55	7°39	8°42	6°53	M12
T 13	11 24 57	23° 1'12	22° 4	26°20	2°39	8°36	27°26	9°53	29°33	1°51	26° 1	6°43	7°36	8°49	6°53	T 13
W14	11 28 54	24° 1'04	5♈56	27° 2	3°53	8°55	27°18	9°48	29°32	1°52	26° 2	6°32	7°33	8°56	6°53	W14
T 15	11 32 50	25° 0'54	19°27	27°47	5° 8	9°14	27°10	9°44	29°31	1°54	26° 4	6°22	7°30	9° 2	6°54	T 15
F 16	11 36 47	26° 0'41	2♉36	28°35	6°22	9°33	27° 3	9°39	29°30	1°56	26° 5	6°15	7°26	9° 9	6°54	F 16
S 17	11 40 43	27° 0'27	15°21	29°27	7°36	9°53	26°55	9°35	29°29	1°58	26° 7	6°10	7°23	9°16	6°55	S 17
S 18	11 44 40	28° 0'11	27°46	0♓22	8°51	10°13	26°47	9°30	29°28	2° 0	26° 8	6° 8	7°20	9°22	6°55	S 18
M19	11 48 37	28°59'52	9♊55	1°19	10° 5	10°34	26°39	9°26	29°27	2° 2	26°10	6°D 8	7°17	9°29	6°56	M19
T 20	11 52 33	29°59'31	21°52	2°20	11°19	10°55	26°31	9°21	29°26	2° 4	26°11	6° 9	7°14	9°36	6°57	T 20
W21	11 56 30	0♈59'08	3♋42	3°23	12°34	11°16	26°24	9°17	29°25	2° 6	26°13	6°R 9	7°11	9°42	6°57	W21
T 22	12 0 26	1°58'42	15°31	4°28	13°48	11°37	26°16	9°12	29°24	2° 8	26°14	6° 8	7° 7	9°49	6°58	T 22
F 23	12 4 23	2°58'15	27°24	5°36	15° 2	11°59	26° 8	9° 7	29°23	2°10	26°16	6° 5	7° 4	9°56	6°59	F 23
S 24	12 8 19	3°57'45	9♌26	6°46	16°16	12°21	26° 0	9° 3	29°22	2°12	26°17	5°59	7° 1	10° 2	7° 0	S 24
S 25	12 12 16	4°57'12	21°42	7°59	17°31	12°44	25°53	8°58	29°22	2°14	26°19	5°51	6°58	10° 9	7° 2	S 25
M26	12 16 12	5°56'38	4♍13	9°13	18°45	13° 6	25°45	8°53	29°21	2°16	26°20	5°42	6°55	10°16	7° 3	M26
T 27	12 20 9	6°56'01	17° 1	10°29	19°59	13°30	25°38	8°49	29°21	2°18	26°22	5°31	6°52	10°22	7° 4	T 27
W28	12 24 6	7°55'22	0♎ 7	11°47	21°13	13°53	25°30	8°44	29°20	2°20	26°23	5°21	6°48	10°29	7° 6	W28
T 29	12 28 2	8°54'41	13°29	13° 7	22°28	14°16	25°23	8°39	29°20	2°22	26°24	5°12	6°45	10°36	7° 7	T 29
F 30	12 31 59	9°53'58	27° 6	14°28	23°42	14°40	25°15	8°35	29°19	2°24	26°26	5° 4	6°42	10°42	7° 9	F 30
S 31	12 35 55	10♈53'13	10♏53	15♓52	24♓56	15♋ 4	25♍ 8	8♎30	29♋19	2♉27	26♒27	5♊ 0	6♊39	10♋49	7♋10	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	7s26	2n23	4n29	10s41	2n43	16s14	0s46	26n25	3n 5	1n49	1n31	1s49	2n37	20n46	0n36	10n23	1s42	22s 2	9s40	21n37	21n41	25n44	16n24	6s51
F 2	7 3	3s20	3 51	11 3	2 30	15 53	0 48	26 23	3 4	1 52	1 32	1 47	2 38	20 46	0 36	10 24	1 42	22 1	9 40	21 35	21 40	25 45	16 25	6 51
S 3	6 40	8 59	3 0	11 22	2 16	15 32	0 50	26 21	3 2	1 55	1 32	1 46	2 38	20 46	0 36	10 25	1 42	22 1	9 40	21 34	21 40	25 45	16 26	6 50
S 4	6 17	14 18	1 58	11 39	2 3	15 10	0 53	26 18	3 1	1 58	1 32	1 44	2 38	20 47	0 36	10 25	1 42	22 0	9 40	21 33	21 39	25 45	16 26	6 50
M 5	5 54	18 58	0 49	11 54	1 49	14 48	0 55	26 16	3 0	2 1	1 32	1 42	2 38	20 47	0 36	10 26	1 42	22 0	9 40	21 33	21 39	25 46	16 27	6 49
T 6	5 31	22 38	0s24	12 8	1 35	14 25	0 57	26 14	2 58	2 4	1 32	1 41	2 38	20 47	0 36	10 26	1 42	21 59	9 40	21 33	21 38	25 46	16 27	6 49
W 7	5 7	25 0	1 37	12 19	1 21	14 2	0 59	26 12	2 57	2 8	1 32	1 39	2 38	20 48	0 36	10 27	1 42	21 59	9 41	21 33	21 38	25 47	16 28	6 48
T 8	4 44	25 46	2 44	12 27	1 7	13 39	1 1	26 10	2 56	2 11	1 32	1 37	2 39	20 48	0 36	10 28	1 42	21 58	9 41	21 33	21 37	25 47	16 28	6 48
F 9	4 21	24 50	3 42	12 34	0 54	13 15	1 2	26 8	2 54	2 14	1 32	1 35	2 39	20 48	0 36	10 28	1 42	21 58	9 41	21 32	21 37	25 47	16 29	6 47
S 10	3 57	22 15	4 26	12 39	0 40	12 51	1 4	26 5	2 53	2 17	1 32	1 34	2 39	20 48	0 36	10 29	1 42	21 58	9 41	21 31	21 36	25 48	16 29	6 47
S 11	3 33	18 16	4 53	12 42	0 28	12 26	1 6	26 3	2 52	2 20	1 32	1 32	2 39	20 49	0 36	10 30	1 42	21 57	9 41	21 29	21 35	25 48	16 30	6 46
M12	3 10	13 15	5 1	12 42	0 15	12 1	1 8	26 0	2 50	2 23	1 33	1 30	2 39	20 49	0 36	10 30	1 42	21 57	9 41	21 28	21 35	25 48	16 30	6 46
T 13	2 46	7 36	4 51	12 41	0 3	11 36	1 9	25 58	2 49	2 26	1 33	1 28	2 39	20 49	0 36	10 31	1 42	21 56	9 42	21 26	21 34	25 48	16 31	6 45
W14	2 23	1 40	4 23	12 38	0s 9	11 11	1 11	25 55	2 48	2 29	1 33	1 26	2 39	20 49	0 36	10 32	1 42	21 56	9 42	21 24	21 34	25 49	16 31	6 44
T 15	1 59	4n12	3 41	12 33	0 20	10 45	1 12	25 53	2 46	2 33	1 33	1 25	2 40	20 50	0 36	10 32	1 42	21 56	9 42	21 22	21 33	25 49	16 32	6 44
F 16	1 35	9 44	2 48	12 27	0 31	10 19	1 14	25 50	2 45	2 36	1 33	1 23	2 40	20 50	0 35	10 33	1 42	21 55	9 42	21 21	21 33	25 49	16 32	6 43
S 17	1 11	14 43	1 48	12 18	0 41	9 53	1 15	25 47	2 44	2 39	1 33	1 21	2 40	20 50	0 35	10 34	1 42	21 55	9 42	21 20	21 32	25 50	16 33	6 43
S 18	0 48	18 56	0 44	12 8	0 51	9 26	1 17	25 44	2 42	2 42	1 33	1 19	2 40	20 50	0 35	10 34	1 42	21 54	9 42	21 20	21 32	25 50	16 33	6 42
M19	0 24	22 16	0n20	11 56	1 0	8 59	1 18	25 42	2 41	2 45	1 33	1 17	2 40	20 50	0 35	10 35	1 42	21 54	9 43	21 20	21 31	25 50	16 34	6 42
T 20	0 0	24 34	1 23	11 43	1 9	8 32	1 19	25 39	2 40	2 48	1 33	1 15	2 40	20 51	0 35	10 36	1 42	21 54	9 43	21 20	21 31	25 50	16 34	6 41
W21	0n24	25 44	2 21	11 28	1 18	8 5	1 20	25 36	2 39	2 51	1 33	1 13	2 40	20 51	0 35	10 36	1 42	21 53	9 43	21 20	21 30	25 51	16 35	6 41
T 22	0 47	25 45	3 14	11 12	1 25	7 37	1 21	25 32	2 37	2 54	1 33	1 11	2 40	20 51	0 35	10 37	1 42	21 53	9 43	21 20	21 30	25 51	16 35	6 40
F 23	1 11	24 34	3 58	10 54	1 33	7 9	1 22	25 29	2 36	2 57	1 33	1 10	2 40	20 51	0 35	10 38	1 42	21 53	9 43	21 19	21 29	25 51	16 36	6 40
S 24	1 34	22 16	4 33	10 34	1 40	6 41	1 23	25 26	2 35	3 0	1 33	1 8	2 40	20 51	0 35	10 39	1 42	21 52	9 44	21 18	21 29	25 51	16 36	6 39
S 25	1 58	18 55	4 55	10 13	1 47	6 13	1 24	25 23	2 34	3 3	1 33	1 6	2 40	20 51	0 35	10 39	1 42	21 52	9 44	21 17	21 28	25 52	16 37	6 39
M26	2 22	14 41	5 4	9 51	1 53	5 45	1 25	25 19	2 33	3 6	1 33	1 4	2 40	20 51	0 35	10 40	1 42	21 52	9 44	21 15	21 28	25 52	16 37	6 38
T 27	2 45	9 42	4 58	9 28	1 58	5 17	1 26	25 16	2 31	3 9	1 33	1 2	2 40	20 52	0 35	10 41	1 42	21 51	9 44	21 13	21 27	25 52	16 38	6 38
W28	3 9	4 11	4 37	9 3	2 3	4 48	1 26	25 12	2 30	3 12	1 33	1 0	2 40	20 52	0 35	10 42	1 42	21 51	9 44	21 11	21 27	25 52	16 38	6 37
T 29	3 32	1s38	4 0	8 36	2 8	4 19	1 27	25 8	2 29	3 15	1 33	0 58	2 40	20 52	0 35	10 42	1 42	21 51	9 45	21 10	21 26	25 52	16 39	6 37
F 30	3 55	7 30	3 8	8 9	2 12	3 50	1 27	25 5	2 28	3 18	1 33	0 56	2 41	20 52	0 35	10 43	1 42	21 51	9 45	21 8	21 25	25 53	16 39	6 36
S 31	4n18	13s 6	2n 5	7s40	2s16	3s21	1s28	25n 1	2n27	3n21	1n33	0s55	2n41	20n52	0n35	10n44	1s42	21s50	9s45	21n 8	21n25	25n53	16n39	6s36

Julian Day Number = 2466214.5, Delta T = 71.84 sec
Ecliptic obliquity = 23°26'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'05, Lahiri = 24°25'05

ASTRODIENST EPHEMERIS for the year 2040
geocentric

APRIL 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 52	11♈52'26	24♏50	17♓17	26♓10	15♋29	25°R 1	8°R25	29°R19	2♉29	26♒28	4°R57	6♊36	10♋56	7♋12	S 1
M 2	12 43 48	12°51'38	8♐52	18°43	27°25	15°53	24♏54	8♎21	29♋18	2°31	26°30	4°D57	6°32	11° 2	7°14	M 2
T 3	12 47 45	13°50'47	22°58	20°11	28°39	16°18	24°47	8°16	29°18	2°33	26°31	4♊58	6°29	11° 9	7°16	T 3
W 4	12 51 41	14°49'55	7♑ 6	21°41	29°53	16°43	24°40	8°11	29°18	2°35	26°32	4°59	6°26	11°16	7°18	W 4
T 5	12 55 38	15°49'02	21°15	23°12	1♈ 7	17° 8	24°33	8° 7	29°18	2°37	26°33	4°R59	6°23	11°22	7°20	T 5
F 6	12 59 35	16°48'06	5♒23	24°45	2°21	17°34	24°26	8° 2	29°D18	2°40	26°35	4°57	6°20	11°29	7°22	F 6
S 7	13 3 31	17°47'09	19°29	26°20	3°36	18° 0	24°19	7°58	29°18	2°42	26°36	4°53	6°17	11°36	7°25	S 7
S 8	13 7 28	18°46'10	3♓29	27°56	4°50	18°26	24°13	7°53	29°18	2°44	26°37	4°48	6°13	11°42	7°27	S 8
M 9	13 11 24	19°45'09	17°23	29°33	6° 4	18°52	24° 6	7°48	29°18	2°46	26°38	4°41	6°10	11°49	7°29	M 9
T 10	13 15 21	20°44'06	1♈ 5	1♈12	7°18	19°18	24° 0	7°44	29°18	2°48	26°39	4°34	6° 7	11°56	7°32	T 10
W11	13 19 17	21°43'01	14°33	2°53	8°32	19°45	23°54	7°39	29°19	2°51	26°41	4°26	6° 4	12° 2	7°34	W11
T 12	13 23 14	22°41'54	27°45	4°35	9°46	20°12	23°48	7°35	29°19	2°53	26°42	4°20	6° 1	12° 9	7°37	T 12
F 13	13 27 10	23°40'46	10♉40	6°18	11° 1	20°39	23°42	7°31	29°19	2°55	26°43	4°16	5°57	12°16	7°40	F 13
S 14	13 31 7	24°39'35	23°16	8° 3	12°15	21° 6	23°36	7°26	29°20	2°57	26°44	4°14	5°54	12°22	7°43	S 14
S 15	13 35 4	25°38'22	5♊37	9°50	13°29	21°33	23°30	7°22	29°20	3° 0	26°45	4°D13	5°51	12°29	7°46	S 15
M16	13 39 0	26°37'07	17°44	11°38	14°43	22° 1	23°25	7°18	29°21	3° 2	26°46	4°14	5°48	12°36	7°49	M16
T 17	13 42 57	27°35'50	29°41	13°28	15°57	22°29	23°19	7°13	29°21	3° 4	26°47	4°15	5°45	12°42	7°52	T 17
W18	13 46 53	28°34'31	11♋32	15°19	17°11	22°57	23°14	7° 9	29°22	3° 6	26°48	4°17	5°42	12°49	7°55	W18
T 19	13 50 50	29°33'09	23°22	17°12	18°25	23°25	23° 9	7° 5	29°23	3° 9	26°49	4°18	5°38	12°56	7°58	T 19
F 20	13 54 46	0♉31'45	5♌16	19° 6	19°39	23°53	23° 4	7° 1	29°23	3°11	26°50	4°R18	5°35	13° 2	8° 1	F 20
S 21	13 58 43	1°30'20	17°19	21° 2	20°53	24°22	22°59	6°57	29°24	3°13	26°51	4°17	5°32	13° 9	8° 5	S 21
S 22	14 2 39	2°28'51	29°36	23° 0	22° 7	24°50	22°54	6°53	29°25	3°15	26°52	4°14	5°29	13°16	8° 8	S 22
M23	14 6 36	3°27'21	12♍10	24°59	23°21	25°19	22°50	6°49	29°26	3°18	26°52	4°10	5°26	13°22	8°12	M23
T 24	14 10 33	4°25'49	25° 4	27° 0	24°35	25°48	22°45	6°45	29°27	3°20	26°53	4° 6	5°23	13°29	8°15	T 24
W25	14 14 29	5°24'14	8♎20	29° 2	25°49	26°17	22°41	6°41	29°28	3°22	26°54	4° 1	5°19	13°36	8°19	W25
T 26	14 18 26	6°22'38	21°58	1♉ 5	27° 3	26°46	22°37	6°37	29°29	3°24	26°55	3°57	5°16	13°42	8°22	T 26
F 27	14 22 22	7°20'59	5♏55	3°10	28°17	27°16	22°33	6°34	29°30	3°27	26°56	3°54	5°13	13°49	8°26	F 27
S 28	14 26 19	8°19'19	20° 7	5°16	29°31	27°45	22°30	6°30	29°31	3°29	26°56	3°52	5°10	13°56	8°30	S 28
S 29	14 30 15	9°17'37	4♐30	7°23	0♉45	28°15	22°26	6°27	29°32	3°31	26°57	3°D51	5° 7	14° 2	8°34	S 29
M30	14 34 12	10♉15'54	18♐59	9♉31	1♉59	28♋45	22♍23	6♎23	29♋34	3♉34	26♒58	3♊52	5♊ 3	14♋ 9	8♋38	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	4n42	18s 6	0n54	7s10	2s19	2s52	1s28	24n57	2n26	3n24	1n33	0s53	2n41	20n52	0n35	10n45	1s41	21s50	9s45	21n 7	21n24	25n53	16n40	6s35
M 2	5 5	22 7	0s21	6 38	2 22	2 23	1 29	24 53	2 24	3 27	1 33	0 51	2 41	20 52	0 35	10 45	1 41	21 50	9 46	21 7	21 24	25 53	16 40	6 34
T 3	5 28	24 50	1 35	6 6	2 24	1 54	1 29	24 49	2 23	3 29	1 32	0 49	2 41	20 52	0 35	10 46	1 41	21 50	9 46	21 7	21 23	25 53	16 41	6 34
W 4	5 51	25 59	2 44	5 32	2 26	1 25	1 29	24 44	2 22	3 32	1 32	0 47	2 41	20 52	0 35	10 47	1 41	21 49	9 46	21 7	21 23	25 53	16 41	6 33
T 5	6 13	25 26	3 43	4 57	2 27	0 55	1 29	24 40	2 21	3 35	1 32	0 45	2 41	20 52	0 35	10 48	1 41	21 49	9 46	21 7	21 22	25 54	16 42	6 33
F 6	6 36	23 15	4 28	4 21	2 28	0 26	1 29	24 36	2 20	3 37	1 32	0 44	2 41	20 52	0 35	10 48	1 41	21 49	9 46	21 7	21 22	25 54	16 42	6 32
S 7	6 59	19 40	4 57	3 44	2 28	0n 4	1 29	24 31	2 19	3 40	1 32	0 42	2 41	20 52	0 35	10 49	1 41	21 49	9 47	21 6	21 21	25 54	16 42	6 32
S 8	7 21	15 0	5 8	3 5	2 28	0 33	1 29	24 26	2 18	3 42	1 32	0 40	2 40	20 52	0 35	10 50	1 41	21 49	9 47	21 5	21 21	25 54	16 43	6 31
M 9	7 43	9 36	5 1	2 26	2 27	1 3	1 29	24 22	2 17	3 45	1 32	0 38	2 40	20 52	0 35	10 51	1 41	21 48	9 47	21 4	21 20	25 54	16 43	6 31
T 10	8 6	3 47	4 36	1 46	2 26	1 32	1 29	24 17	2 16	3 47	1 32	0 37	2 40	20 52	0 35	10 51	1 41	21 48	9 48	21 3	21 19	25 54	16 43	6 30
W11	8 28	2n 6	3 56	1 4	2 25	2 1	1 29	24 12	2 14	3 50	1 32	0 35	2 40	20 52	0 35	10 52	1 41	21 48	9 48	21 2	21 19	25 54	16 44	6 30
T 12	8 50	7 48	3 5	0 22	2 22	2 31	1 28	24 7	2 13	3 52	1 32	0 33	2 40	20 52	0 35	10 53	1 41	21 48	9 48	21 0	21 18	25 54	16 44	6 29
F 13	9 11	13 3	2 4	0n22	2 20	3 0	1 28	24 2	2 12	3 54	1 31	0 31	2 40	20 51	0 35	10 54	1 41	21 48	9 48	21 0	21 18	25 55	16 44	6 29
S 14	9 33	17 38	0 59	1 6	2 16	3 30	1 28	23 57	2 11	3 56	1 31	0 30	2 40	20 51	0 35	10 54	1 41	21 48	9 49	20 59	21 17	25 55	16 45	6 28
S 15	9 55	21 22	0n 8	1 51	2 13	3 59	1 27	23 51	2 10	3 58	1 31	0 28	2 40	20 51	0 35	10 55	1 41	21 48	9 49	20 59	21 17	25 55	16 45	6 28
M16	10 16	24 5	1 13	2 38	2 9	4 28	1 27	23 46	2 9	4 1	1 31	0 27	2 40	20 51	0 35	10 56	1 41	21 48	9 49	20 59	21 16	25 55	16 45	6 28
T 17	10 37	25 40	2 14	3 25	2 4	4 57	1 26	23 40	2 8	4 3	1 31	0 25	2 40	20 51	0 35	10 57	1 41	21 47	9 49	20 59	21 16	25 55	16 46	6 27
W18	10 58	26 5	3 9	4 12	1 59	5 26	1 25	23 34	2 7	4 5	1 31	0 23	2 40	20 51	0 35	10 58	1 41	21 47	9 50	21 0	21 15	25 55	16 46	6 27
T 19	11 19	25 18	3 56	5 1	1 53	5 55	1 24	23 29	2 6	4 6	1 31	0 22	2 40	20 51	0 35	10 58	1 41	21 47	9 50	21 0	21 15	25 55	16 46	6 26
F 20	11 39	23 22	4 33	5 50	1 47	6 24	1 24	23 23	2 5	4 8	1 30	0 20	2 40	20 50	0 35	10 59	1 41	21 47	9 50	21 0	21 14	25 55	16 47	6 26
S 21	12 0	20 23	4 59	6 40	1 40	6 52	1 23	23 17	2 4	4 10	1 30	0 19	2 40	20 50	0 35	11 0	1 41	21 47	9 50	21 0	21 13	25 55	16 47	6 25
S 22	12 20	16 28	5 11	7 30	1 33	7 21	1 22	23 11	2 3	4 12	1 30	0 17	2 40	20 50	0 35	11 1	1 41	21 47	9 51	20 59	21 13	25 55	16 47	6 25
M23	12 40	11 46	5 10	8 21	1 25	7 49	1 21	23 4	2 2	4 13	1 30	0 16	2 39	20 50	0 35	11 1	1 41	21 47	9 51	20 59	21 12	25 55	16 47	6 24
T 24	13 0	6 25	4 52	9 12	1 17	8 17	1 20	22 58	2 1	4 15	1 30	0 14	2 39	20 50	0 35	11 2	1 41	21 47	9 51	20 58	21 12	25 55	16 48	6 24
W25	13 19	0 39	4 19	10 4	1 9	8 45	1 19	22 52	2 0	4 16	1 30	0 13	2 39	20 49	0 35	11 3	1 41	21 47	9 52	20 57	21 11	25 55	16 48	6 23
T 26	13 39	5s19	3 30	10 55	1 0	9 13	1 17	22 45	1 59	4 18	1 29	0 12	2 39	20 49	0 35	11 4	1 41	21 47	9 52	20 56	21 11	25 55	16 48	6 23
F 27	13 58	11 10	2 27	11 47	0 50	9 41	1 16	22 38	1 58	4 19	1 29	0 10	2 39	20 49	0 34	11 4	1 41	21 47	9 52	20 56	21 10	25 55	16 48	6 23
S 28	14 17	16 34	1 15	12 38	0 41	10 8	1 15	22 32	1 57	4 20	1 29	0 9	2 39	20 49	0 34	11 5	1 41	21 47	9 53	20 55	21 9	25 55	16 48	6 22
S 29	14 35	21 6	0s 4	13 29	0 31	10 35	1 14	22 25	1 57	4 22	1 29	0 8	2 39	20 48	0 34	11 6	1 41	21 47	9 53	20 55	21 9	25 55	16 48	6 22
M30	14n54	24s21	1s22	14n20	0s21	11n 2	1s12	22n18	1n56	4n23	1n29	0s 6	2n39	20n48	0n34	11n 7	1s41	21s47	9s53	20n55	21n 8	25n55	16n49	6s21

Julian Day Number = 2466245.5, Delta T = 71.87 sec
Ecliptic obliquity = 23°26'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'09, Lahiri = 24°25'10

ASTRODIENST EPHEMERIS for the year 2040
geocentric

MAY 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 8	11♉14'08	3♊28	11♉40	3♉13	29♋15	22°R20	6°R20	29♋35	3♉36	26♒59	3♊53	5♊ 0	14♋16	8♋42	T 1
W 2	14 42 5	12°12'22	17°54	13°49	4°27	29°45	22♍17	6♎16	29°36	3°38	26°59	3°55	4°57	14°22	8°46	W 2
T 3	14 46 2	13°10'34	2♒12	15°59	5°41	0♌15	22°14	6°13	29°38	3°40	27° 0	3°56	4°54	14°29	8°50	T 3
F 4	14 49 58	14° 8'44	16°20	18° 9	6°55	0°45	22°11	6°10	29°39	3°42	27° 1	3°R56	4°51	14°36	8°54	F 4
S 5	14 53 55	15° 6'53	0♓16	20°18	8° 9	1°16	22° 9	6° 7	29°41	3°45	27° 1	3°55	4°48	14°43	8°59	S 5
S 6	14 57 51	16° 5'01	14° 0	22°27	9°23	1°46	22° 6	6° 4	29°42	3°47	27° 2	3°54	4°44	14°49	9° 3	S 6
M 7	15 1 48	17° 3'07	27°31	24°35	10°37	2°17	22° 4	6° 1	29°44	3°49	27° 2	3°52	4°41	14°56	9° 7	M 7
T 8	15 5 44	18° 1'12	10♈48	26°42	11°50	2°48	22° 2	5°58	29°45	3°51	27° 3	3°50	4°38	15° 3	9°12	T 8
W 9	15 9 41	18°59'15	23°51	28°48	13° 4	3°19	22° 0	5°55	29°47	3°54	27° 3	3°47	4°35	15° 9	9°16	W 9
T 10	15 13 37	19°57'17	6♉40	0♊52	14°18	3°50	21°59	5°52	29°49	3°56	27° 4	3°46	4°32	15°16	9°21	T 10
F 11	15 17 34	20°55'17	19°16	2°54	15°32	4°21	21°57	5°50	29°51	3°58	27° 4	3°45	4°29	15°23	9°25	F 11
S 12	15 21 30	21°53'16	1♊38	4°54	16°46	4°52	21°56	5°47	29°52	4° 0	27° 4	3°D44	4°25	15°29	9°30	S 12
S 13	15 25 27	22°51'13	13°50	6°52	18° 0	5°24	21°55	5°45	29°54	4° 2	27° 5	3°44	4°22	15°36	9°35	S 13
M14	15 29 24	23°49'09	25°51	8°47	19°14	5°55	21°54	5°42	29°56	4° 4	27° 5	3°45	4°19	15°43	9°40	M14
T 15	15 33 20	24°47'02	7♋45	10°39	20°28	6°27	21°54	5°40	29°58	4° 7	27° 6	3°46	4°16	15°49	9°44	T 15
W16	15 37 17	25°44'55	19°36	12°29	21°41	6°59	21°53	5°38	0♌ 0	4° 9	27° 6	3°47	4°13	15°56	9°49	W16
T 17	15 41 13	26°42'45	1♌26	14°15	22°55	7°30	21°53	5°36	0° 2	4°11	27° 6	3°48	4° 9	16° 3	9°54	T 17
F 18	15 45 10	27°40'34	13°20	15°58	24° 9	8° 2	21°D53	5°34	0° 4	4°13	27° 6	3°48	4° 6	16° 9	9°59	F 18
S 19	15 49 6	28°38'21	25°22	17°39	25°23	8°34	21°53	5°32	0° 6	4°15	27° 7	3°R48	4° 3	16°16	10° 4	S 19
S 20	15 53 3	29°36'07	7♍37	19°16	26°37	9° 6	21°53	5°30	0° 9	4°17	27° 7	3°48	4° 0	16°23	10° 9	S 20
M21	15 57 0	0♊33'51	20°10	20°49	27°51	9°39	21°53	5°28	0°11	4°19	27° 7	3°48	3°57	16°29	10°14	M21
T 22	16 0 56	1°31'33	3♎ 3	22°20	29° 4	10°11	21°54	5°27	0°13	4°21	27° 7	3°48	3°54	16°36	10°20	T 22
W23	16 4 53	2°29'13	16°21	23°47	0♊18	10°43	21°55	5°25	0°15	4°23	27° 7	3°48	3°50	16°43	10°25	W23
T 24	16 8 49	3°26'53	0♏ 3	25°10	1°32	11°16	21°56	5°24	0°18	4°25	27° 7	3°D48	3°47	16°49	10°30	T 24
F 25	16 12 46	4°24'30	14°10	26°30	2°46	11°48	21°57	5°22	0°20	4°27	27° 7	3°48	3°44	16°56	10°35	F 25
S 26	16 16 42	5°22'07	28°38	27°47	3°59	12°21	21°58	5°21	0°23	4°30	27° 7	3°R48	3°41	17° 3	10°41	S 26
S 27	16 20 39	6°19'42	13♐22	29° 0	5°13	12°54	22° 0	5°20	0°25	4°31	27° 8	3°48	3°38	17° 9	10°46	S 27
M28	16 24 35	7°17'16	28°15	0♋ 9	6°27	13°27	22° 1	5°19	0°28	4°33	27°R 8	3°47	3°35	17°16	10°51	M28
T 29	16 28 32	8°14'49	13♑10	1°15	7°41	14° 0	22° 3	5°18	0°30	4°35	27° 7	3°47	3°31	17°23	10°57	T 29
W30	16 32 29	9°12'22	27°59	2°17	8°54	14°33	22° 5	5°17	0°33	4°37	27° 7	3°47	3°28	17°30	11° 2	W30
T 31	16 36 25	10♊ 9'53	12♒34	3♋15	10♊ 8	15♌ 6	22♍ 7	5♎17	0♌35	4♉39	27♒ 7	3♊46	3♊25	17♋36	11♋ 8	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	15n12	25s59	2s36	15n10	0s10	11n28	1s11	22n10	1n55	4n24	1n28	0s 5	2n38	20n48	0n34	11n 7	1s41	21s47	9s53	20n55	21n 8	25n55	16n49	6s21
W 2	15 30	25 52	3 39	16 0	0n 0	11 55	1 9	22 3	1 54	4 25	1 28	0 4	2 38	20 47	0 34	11 8	1 41	21 47	9 54	20 56	21 7	25 55	16 49	6 21
T 3	15 47	24 1	4 28	16 48	0 11	12 21	1 8	21 56	1 53	4 26	1 28	0 3	2 38	20 47	0 34	11 9	1 41	21 47	9 54	20 56	21 7	25 55	16 49	6 20
F 4	16 5	20 43	5 1	17 35	0 22	12 47	1 6	21 48	1 52	4 27	1 28	0 2	2 38	20 47	0 34	11 10	1 41	21 47	9 54	20 56	21 6	25 55	16 49	6 20
S 5	16 22	16 17	5 15	18 20	0 32	13 12	1 5	21 41	1 51	4 28	1 28	0 1	2 38	20 46	0 34	11 10	1 41	21 47	9 55	20 56	21 5	25 55	16 49	6 19
S 6	16 39	11 4	5 10	19 4	0 43	13 37	1 3	21 33	1 50	4 28	1 27	0n 0	2 38	20 46	0 34	11 11	1 41	21 47	9 55	20 56	21 5	25 55	16 49	6 19
M 7	16 55	5 24	4 49	19 46	0 53	14 2	1 1	21 25	1 49	4 29	1 27	0 1	2 37	20 46	0 34	11 12	1 41	21 48	9 55	20 55	21 4	25 54	16 50	6 19
T 8	17 12	0n24	4 12	20 26	1 3	14 27	0 59	21 17	1 48	4 29	1 27	0 2	2 37	20 45	0 34	11 13	1 41	21 48	9 56	20 55	21 4	25 54	16 50	6 18
W 9	17 28	6 6	3 23	21 4	1 12	14 51	0 58	21 9	1 47	4 30	1 27	0 3	2 37	20 45	0 34	11 13	1 41	21 48	9 56	20 54	21 3	25 54	16 50	6 18
T 10	17 44	11 28	2 24	21 39	1 21	15 14	0 56	21 1	1 47	4 30	1 27	0 4	2 37	20 45	0 34	11 14	1 41	21 48	9 56	20 54	21 3	25 54	16 50	6 18
F 11	17 59	16 16	1 19	22 12	1 30	15 38	0 54	20 53	1 46	4 31	1 26	0 5	2 37	20 44	0 34	11 15	1 41	21 48	9 56	20 54	21 2	25 54	16 50	6 17
S 12	18 14	20 18	0 12	22 43	1 38	16 1	0 52	20 44	1 45	4 31	1 26	0 6	2 37	20 44	0 34	11 16	1 41	21 48	9 57	20 54	21 1	25 54	16 50	6 17
S 13	18 29	23 23	0n56	23 11	1 45	16 23	0 50	20 36	1 44	4 31	1 26	0 7	2 36	20 43	0 34	11 16	1 41	21 48	9 57	20 54	21 1	25 54	16 50	6 17
M14	18 43	25 22	2 0	23 37	1 52	16 46	0 48	20 27	1 43	4 31	1 26	0 8	2 36	20 43	0 34	11 17	1 41	21 48	9 57	20 54	21 0	25 54	16 50	6 16
T 15	18 58	26 10	2 58	23 59	1 58	17 7	0 46	20 18	1 42	4 31	1 25	0 8	2 36	20 43	0 34	11 18	1 42	21 49	9 58	20 54	21 0	25 54	16 50	6 16
W16	19 12	25 46	3 48	24 20	2 4	17 29	0 44	20 10	1 41	4 31	1 25	0 9	2 36	20 42	0 34	11 18	1 42	21 49	9 58	20 54	20 59	25 53	16 50	6 16
T 17	19 25	24 12	4 28	24 38	2 8	17 49	0 42	20 1	1 41	4 31	1 25	0 10	2 36	20 42	0 34	11 19	1 42	21 49	9 58	20 54	20 58	25 53	16 50	6 15
F 18	19 38	21 34	4 57	24 53	2 12	18 10	0 40	19 52	1 40	4 31	1 25	0 10	2 35	20 41	0 34	11 20	1 42	21 49	9 59	20 54	20 58	25 53	16 50	6 15
S 19	19 51	17 59	5 14	25 6	2 15	18 30	0 38	19 42	1 39	4 31	1 25	0 11	2 35	20 41	0 34	11 20	1 42	21 49	9 59	20 54	20 57	25 53	16 50	6 15
S 20	20 4	13 36	5 17	25 17	2 17	18 49	0 35	19 33	1 38	4 31	1 24	0 11	2 35	20 40	0 34	11 21	1 42	21 50	9 59	20 54	20 57	25 53	16 50	6 14
M21	20 16	8 34	5 4	25 25	2 18	19 8	0 33	19 24	1 37	4 30	1 24	0 12	2 35	20 40	0 34	11 22	1 42	21 50	10 0	20 54	20 56	25 52	16 49	6 14
T 22	20 28	3 1	4 37	25 31	2 19	19 27	0 31	19 14	1 36	4 30	1 24	0 12	2 35	20 39	0 34	11 22	1 42	21 50	10 0	20 54	20 55	25 52	16 49	6 14
W23	20 39	2s49	3 54	25 36	2 18	19 45	0 29	19 4	1 36	4 29	1 24	0 13	2 34	20 39	0 34	11 23	1 42	21 50	10 0	20 54	20 55	25 52	16 49	6 13
T 24	20 50	8 44	2 57	25 38	2 17	20 2	0 27	18 55	1 35	4 29	1 23	0 13	2 34	20 38	0 34	11 24	1 42	21 51	10 1	20 54	20 54	25 52	16 49	6 13
F 25	21 1	14 23	1 47	25 38	2 15	20 19	0 24	18 45	1 34	4 28	1 23	0 13	2 34	20 38	0 34	11 24	1 42	21 51	10 1	20 54	20 54	25 52	16 49	6 13
S 26	21 12	19 23	0 29	25 37	2 12	20 35	0 22	18 35	1 33	4 27	1 23	0 14	2 34	20 37	0 34	11 25	1 42	21 51	10 1	20 54	20 53	25 51	16 49	6 13
S 27	21 22	23 16	0s53	25 34	2 8	20 51	0 20	18 25	1 32	4 27	1 23	0 14	2 34	20 37	0 34	11 26	1 42	21 51	10 2	20 54	20 52	25 51	16 49	6 12
M28	21 31	25 37	2 12	25 30	2 4	21 6	0 17	18 15	1 31	4 26	1 23	0 14	2 33	20 36	0 34	11 26	1 42	21 52	10 2	20 54	20 52	25 51	16 48	6 12
T 29	21 41	26 8	3 22	25 24	1 58	21 20	0 15	18 4	1 31	4 25	1 22	0 14	2 33	20 35	0 34	11 27	1 42	21 52	10 2	20 54	20 51	25 51	16 48	6 12
W30	21 50	24 46	4 17	25 17	1 52	21 34	0 13	17 54	1 30	4 24	1 22	0 14	2 33	20 35	0 34	11 28	1 42	21 52	10 2	20 54	20 51	25 50	16 48	6 12
T 31	21n58	21s45	4s56	25n 8	1n44	21n48	0s10	17n43	1n29	4n23	1n22	0n14	2n33	20n34	0n34	11n28	1s42	21s53	10s 3	20n54	20n50	25n50	16n48	6s12

Julian Day Number = 2466275.5, Delta T = 71.89 sec
Ecliptic obliquity = 23°26'06, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'13, Lahiri = 24°25'14

ASTRODIENST EPHEMERIS for the year 2040
geocentric

JUNE 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 40 22	11♊ 7'23	26♒53	4♋10	11♊22	15♌39	22♍10	5°R16	0♌38	4♉41	27°R 7	3°R45	3♊22	17♋43	11♋13	F 1
S 2	16 44 18	12° 4'53	10♓51	5° 0	12°36	16°12	22°12	5♎15	0°41	4°43	27♒ 7	3°D45	3°19	17°50	11°19	S 2
S 3	16 48 15	13° 2'22	24°29	5°46	13°49	16°46	22°15	5°15	0°43	4°45	27° 7	3♊45	3°15	17°56	11°25	S 3
M 4	16 52 11	13°59'50	7♈47	6°29	15° 3	17°19	22°18	5°15	0°46	4°47	27° 7	3°46	3°12	18° 3	11°30	M 4
T 5	16 56 8	14°57'17	20°47	7° 7	16°17	17°53	22°21	5°14	0°49	4°49	27° 7	3°47	3° 9	18°10	11°36	T 5
W 6	17 0 4	15°54'44	3♉31	7°40	17°31	18°26	22°24	5°14	0°52	4°51	27° 6	3°48	3° 6	18°16	11°42	W 6
T 7	17 4 1	16°52'10	16° 1	8°10	18°44	19° 0	22°28	5°D14	0°55	4°52	27° 6	3°49	3° 3	18°23	11°48	T 7
F 8	17 7 58	17°49'35	28°19	8°35	19°58	19°34	22°31	5°14	0°58	4°54	27° 6	3°R49	3° 0	18°30	11°53	F 8
S 9	17 11 54	18°47'00	10♊27	8°56	21°12	20° 7	22°35	5°15	1° 0	4°56	27° 6	3°49	2°56	18°36	11°59	S 9
S 10	17 15 51	19°44'24	22°28	9°12	22°26	20°41	22°39	5°15	1° 3	4°58	27° 5	3°49	2°53	18°43	12° 5	S 10
M11	17 19 47	20°41'47	4♋23	9°23	23°39	21°15	22°43	5°15	1° 6	4°59	27° 5	3°47	2°50	18°50	12°11	M11
T 12	17 23 44	21°39'09	16°14	9°30	24°53	21°49	22°47	5°16	1° 9	5° 1	27° 4	3°45	2°47	18°56	12°17	T 12
W13	17 27 40	22°36'31	28° 4	9°R32	26° 7	22°23	22°51	5°16	1°12	5° 3	27° 4	3°42	2°44	19° 3	12°23	W13
T 14	17 31 37	23°33'51	9♌55	9°30	27°21	22°58	22°56	5°17	1°16	5° 4	27° 4	3°39	2°41	19°10	12°29	T 14
F 15	17 35 33	24°31'11	21°49	9°23	28°34	23°32	23° 1	5°18	1°19	5° 6	27° 3	3°36	2°37	19°16	12°35	F 15
S 16	17 39 30	25°28'30	3♍52	9°13	29°48	24° 6	23° 5	5°19	1°22	5° 8	27° 3	3°33	2°34	19°23	12°41	S 16
S 17	17 43 27	26°25'48	16° 6	8°58	1♋ 2	24°41	23°10	5°20	1°25	5° 9	27° 2	3°32	2°31	19°30	12°47	S 17
M18	17 47 23	27°23'05	28°35	8°39	2°15	25°15	23°16	5°21	1°28	5°11	27° 2	3°D32	2°28	19°37	12°53	M18
T 19	17 51 20	28°20'21	11♎24	8°16	3°29	25°50	23°21	5°22	1°31	5°12	27° 1	3°32	2°25	19°43	12°59	T 19
W20	17 55 16	29°17'36	24°36	7°50	4°43	26°24	23°26	5°23	1°35	5°14	27° 1	3°33	2°21	19°50	13° 5	W20
T 21	17 59 13	0♋14'51	8♏14	7°22	5°57	26°59	23°32	5°25	1°38	5°15	27° 0	3°35	2°18	19°57	13°11	T 21
F 22	18 3 9	1°12'05	22°19	6°51	7°10	27°34	23°38	5°26	1°41	5°17	26°59	3°36	2°15	20° 3	13°17	F 22
S 23	18 7 6	2° 9'19	6♐50	6°18	8°24	28° 8	23°43	5°28	1°44	5°18	26°59	3°R36	2°12	20°10	13°23	S 23
S 24	18 11 2	3° 6'32	21°43	5°44	9°38	28°43	23°49	5°29	1°48	5°20	26°58	3°35	2° 9	20°17	13°29	S 24
M25	18 14 59	4° 3'45	6♑50	5° 9	10°51	29°18	23°56	5°31	1°51	5°21	26°58	3°33	2° 6	20°23	13°35	M25
T 26	18 18 56	5° 0'57	22° 3	4°34	12° 5	29°53	24° 2	5°33	1°54	5°22	26°57	3°30	2° 2	20°30	13°41	T 26
W27	18 22 52	5°58'09	7♒11	3°59	13°19	0♍28	24° 8	5°35	1°58	5°24	26°56	3°25	1°59	20°37	13°48	W27
T 28	18 26 49	6°55'21	22° 6	3°25	14°32	1° 3	24°15	5°37	2° 1	5°25	26°55	3°21	1°56	20°43	13°54	T 28
F 29	18 30 45	7°52'33	6♓39	2°53	15°46	1°38	24°22	5°39	2° 5	5°26	26°55	3°17	1°53	20°50	14° 0	F 29
S 30	18 34 42	8♋49'45	20♓46	2♋23	17♋ 0	2♍14	24♍28	5♎42	2♌ 8	5♉27	26♒54	3♊14	1♊50	20♋57	14♋ 6	S 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
F 1	22n 6	17s28	5s15	24n59	1n36	22n 1	0s 8	17n33	1n28	4n22	1n22	0n14	2n32	20n34	0n34	11n29	1s42	21s53	10s 3	20n54	20n49	25n50	16n48	6s11
S 2	22 14	12 20	5 15	24 48	1 27	22 13	0 5	17 22	1 28	4 20	1 21	0 14	2 32	20 33	0 34	11 29	1 42	21 53	10 3	20 54	20 49	25 50	16 47	6 11
S 3	22 22	6 44	4 57	24 36	1 18	22 24	0 3	17 11	1 27	4 19	1 21	0 14	2 32	20 32	0 34	11 30	1 42	21 54	10 4	20 54	20 48	25 49	16 47	6 11
M 4	22 29	0 56	4 23	24 24	1 7	22 35	0 1	17 0	1 26	4 18	1 21	0 14	2 32	20 32	0 34	11 31	1 42	21 54	10 4	20 54	20 48	25 49	16 47	6 11
T 5	22 35	4n46	3 36	24 10	0 56	22 45	0n 2	16 49	1 25	4 16	1 21	0 14	2 32	20 31	0 34	11 31	1 42	21 54	10 4	20 54	20 47	25 49	16 47	6 11
W 6	22 41	10 11	2 40	23 57	0 44	22 55	0 4	16 38	1 24	4 15	1 21	0 14	2 31	20 31	0 34	11 32	1 42	21 55	10 5	20 54	20 46	25 49	16 46	6 10
T 7	22 47	15 5	1 37	23 42	0 31	23 4	0 6	16 27	1 24	4 13	1 20	0 14	2 31	20 30	0 34	11 32	1 42	21 55	10 5	20 55	20 46	25 48	16 46	6 10
F 8	22 53	19 17	0 30	23 27	0 18	23 12	0 9	16 16	1 23	4 12	1 20	0 14	2 31	20 29	0 34	11 33	1 42	21 56	10 5	20 55	20 45	25 48	16 46	6 10
S 9	22 58	22 37	0n37	23 11	0 3	23 20	0 11	16 4	1 22	4 10	1 20	0 13	2 31	20 29	0 34	11 33	1 42	21 56	10 6	20 55	20 45	25 48	16 45	6 10
S 10	23 2	24 54	1 41	22 56	0s11	23 27	0 14	15 53	1 21	4 8	1 20	0 13	2 30	20 28	0 34	11 34	1 42	21 56	10 6	20 55	20 44	25 47	16 45	6 10
M11	23 7	26 3	2 41	22 39	0 27	23 33	0 16	15 41	1 21	4 6	1 19	0 13	2 30	20 27	0 34	11 34	1 42	21 57	10 6	20 54	20 43	25 47	16 45	6 10
T 12	23 10	25 58	3 33	22 23	0 43	23 38	0 18	15 29	1 20	4 5	1 19	0 12	2 30	20 27	0 34	11 35	1 42	21 57	10 6	20 54	20 43	25 47	16 44	6 9
W13	23 14	24 44	4 16	22 7	0 59	23 43	0 21	15 18	1 19	4 3	1 19	0 12	2 30	20 26	0 34	11 35	1 42	21 58	10 7	20 53	20 42	25 46	16 44	6 9
T 14	23 17	22 23	4 48	21 51	1 15	23 47	0 23	15 6	1 18	4 1	1 19	0 11	2 29	20 25	0 34	11 36	1 42	21 58	10 7	20 53	20 41	25 46	16 43	6 9
F 15	23 19	19 5	5 8	21 34	1 32	23 51	0 25	14 54	1 18	3 59	1 19	0 11	2 29	20 25	0 34	11 36	1 43	21 58	10 7	20 52	20 41	25 45	16 43	6 9
S 16	23 21	14 58	5 15	21 18	1 49	23 54	0 27	14 42	1 17	3 56	1 18	0 10	2 29	20 24	0 34	11 37	1 43	21 59	10 8	20 52	20 40	25 45	16 43	6 9
S 17	23 23	10 12	5 7	21 2	2 6	23 56	0 30	14 29	1 16	3 54	1 18	0 10	2 29	20 23	0 34	11 37	1 43	21 59	10 8	20 51	20 40	25 45	16 42	6 9
M18	23 25	4 55	4 45	20 47	2 22	23 57	0 32	14 17	1 15	3 52	1 18	0 9	2 28	20 22	0 34	11 38	1 43	22 0	10 8	20 51	20 39	25 44	16 42	6 9
T 19	23 25	0s42	4 9	20 32	2 39	23 58	0 34	14 5	1 15	3 50	1 18	0 8	2 28	20 22	0 34	11 38	1 43	22 0	10 8	20 51	20 38	25 44	16 41	6 9
W20	23 26	6 27	3 18	20 18	2 55	23 57	0 36	13 52	1 14	3 47	1 17	0 7	2 28	20 21	0 34	11 39	1 43	22 1	10 9	20 52	20 38	25 44	16 41	6 9
T 21	23 26	12 7	2 15	20 4	3 10	23 57	0 39	13 40	1 13	3 45	1 17	0 7	2 28	20 20	0 34	11 39	1 43	22 1	10 9	20 52	20 37	25 43	16 40	6 8
F 22	23 26	17 21	1 2	19 51	3 25	23 55	0 41	13 27	1 12	3 43	1 17	0 6	2 28	20 20	0 33	11 40	1 43	22 2	10 9	20 52	20 36	25 43	16 40	6 8
S 23	23 25	21 44	0s18	19 39	3 39	23 53	0 43	13 14	1 12	3 40	1 17	0 5	2 27	20 19	0 33	11 40	1 43	22 2	10 10	20 52	20 36	25 42	16 39	6 8
S 24	23 24	24 48	1 38	19 28	3 51	23 50	0 45	13 2	1 11	3 38	1 17	0 4	2 27	20 18	0 33	11 41	1 43	22 3	10 10	20 52	20 35	25 42	16 39	6 8
M25	23 22	26 7	2 52	19 17	4 3	23 46	0 47	12 49	1 10	3 35	1 16	0 3	2 27	20 17	0 33	11 41	1 43	22 3	10 10	20 52	20 35	25 41	16 38	6 8
T 26	23 20	25 29	3 54	19 8	4 13	23 42	0 49	12 36	1 10	3 32	1 16	0 2	2 27	20 17	0 33	11 41	1 43	22 4	10 10	20 51	20 34	25 41	16 37	6 8
W27	23 18	22 59	4 40	19 1	4 22	23 37	0 51	12 23	1 9	3 29	1 16	0 1	2 26	20 16	0 33	11 42	1 43	22 4	10 11	20 50	20 33	25 40	16 37	6 8
T 28	23 15	18 58	5 6	18 54	4 30	23 31	0 53	12 10	1 8	3 27	1 16	0 0	2 26	20 15	0 33	11 42	1 43	22 5	10 11	20 49	20 33	25 40	16 36	6 8
F 29	23 12	13 53	5 11	18 49	4 36	23 25	0 55	11 56	1 7	3 24	1 16	0s 1	2 26	20 14	0 33	11 43	1 43	22 5	10 11	20 48	20 32	25 40	16 36	6 8
S 30	23n 8	8s13	4s57	18n45	4s40	23n18	0n57	11n43	1n 7	3n21	1n15	0s 2	2n26	20n13	0n33	11n43	1s43	22s 6	10s11	20n48	20n31	25n39	16n35	6s 8

Julian Day Number = 2466306.5, Delta T = 71.91 sec
Ecliptic obliquity = 23°26'06, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'18, Lahiri = 24°25'18

ASTRODIENST EPHEMERIS for the year 2040
geocentric

JULY 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 38	9♋46'57	4♈27	1°R56	18♋14	2♍49	24♍35	5♎44	2♌12	5♉29	26°R53	3°D13	1♊47	21♋ 4	14♋12	S 1
M 2	18 42 35	10°44'09	17°43	1♋32	19°27	3°24	24°43	5°46	2°15	5°30	26♒52	3♊13	1°43	21°10	14°19	M 2
T 3	18 46 32	11°41'22	0♉35	1°11	20°41	4° 0	24°50	5°49	2°19	5°31	26°51	3°14	1°40	21°17	14°25	T 3
W 4	18 50 28	12°38'34	13° 8	0°54	21°55	4°35	24°57	5°51	2°22	5°32	26°51	3°15	1°37	21°24	14°31	W 4
T 5	18 54 25	13°35'47	25°26	0°42	23° 8	5°11	25° 5	5°54	2°26	5°33	26°50	3°17	1°34	21°30	14°37	T 5
F 6	18 58 21	14°33'01	7♊32	0°35	24°22	5°46	25°12	5°57	2°29	5°34	26°49	3°R17	1°31	21°37	14°43	F 6
S 7	19 2 18	15°30'14	19°30	0°D32	25°36	6°22	25°20	6° 0	2°33	5°35	26°48	3°15	1°27	21°44	14°50	S 7
S 8	19 6 14	16°27'28	1♋23	0°34	26°49	6°58	25°28	6° 3	2°36	5°36	26°47	3°12	1°24	21°50	14°56	S 8
M 9	19 10 11	17°24'41	13°13	0°41	28° 3	7°34	25°36	6° 6	2°40	5°37	26°46	3° 7	1°21	21°57	15° 2	M 9
T 10	19 14 7	18°21'55	25° 3	0°53	29°17	8° 9	25°44	6° 9	2°43	5°38	26°45	2°59	1°18	22° 4	15° 8	T 10
W11	19 18 4	19°19'09	6♌54	1°10	0♌31	8°45	25°52	6°12	2°47	5°39	26°44	2°51	1°15	22°10	15°15	W11
T 12	19 22 1	20°16'23	18°48	1°33	1°44	9°21	26° 0	6°16	2°51	5°40	26°43	2°42	1°12	22°17	15°21	T 12
F 13	19 25 57	21°13'37	0♍47	2° 1	2°58	9°57	26° 9	6°19	2°54	5°41	26°42	2°34	1° 8	22°24	15°27	F 13
S 14	19 29 54	22°10'52	12°53	2°34	4°12	10°33	26°17	6°23	2°58	5°42	26°41	2°26	1° 5	22°31	15°33	S 14
S 15	19 33 50	23° 8'06	25° 9	3°13	5°25	11°10	26°26	6°26	3° 2	5°43	26°40	2°21	1° 2	22°37	15°40	S 15
M16	19 37 47	24° 5'20	7♎38	3°56	6°39	11°46	26°35	6°30	3° 5	5°43	26°39	2°17	0°59	22°44	15°46	M16
T 17	19 41 43	25° 2'35	20°24	4°45	7°53	12°22	26°44	6°34	3° 9	5°44	26°38	2°D16	0°56	22°51	15°52	T 17
W18	19 45 40	25°59'49	3♏30	5°39	9° 6	12°58	26°53	6°38	3°13	5°45	26°37	2°16	0°53	22°57	15°58	W18
T 19	19 49 36	26°57'04	17° 0	6°38	10°20	13°35	27° 2	6°42	3°16	5°45	26°36	2°17	0°49	23° 4	16° 4	T 19
F 20	19 53 33	27°54'19	0♐56	7°42	11°34	14°11	27°11	6°46	3°20	5°46	26°35	2°R17	0°46	23°11	16°10	F 20
S 21	19 57 30	28°51'34	15°19	8°51	12°47	14°48	27°20	6°50	3°24	5°47	26°33	2°17	0°43	23°17	16°17	S 21
S 22	20 1 26	29°48'50	0♑ 6	10° 4	14° 1	15°24	27°29	6°54	3°27	5°47	26°32	2°14	0°40	23°24	16°23	S 22
M23	20 5 23	0♌46'06	15°12	11°22	15°15	16° 1	27°39	6°58	3°31	5°48	26°31	2° 9	0°37	23°31	16°29	M23
T 24	20 9 19	1°43'22	0♒28	12°45	16°28	16°38	27°48	7° 2	3°35	5°48	26°30	2° 2	0°33	23°37	16°35	T 24
W25	20 13 16	2°40'39	15°44	14°12	17°42	17°14	27°58	7° 7	3°38	5°49	26°29	1°54	0°30	23°44	16°41	W25
T 26	20 17 12	3°37'57	0♓49	15°44	18°56	17°51	28° 8	7°11	3°42	5°49	26°28	1°45	0°27	23°51	16°47	T 26
F 27	20 21 9	4°35'15	15°33	17°20	20° 9	18°28	28°18	7°16	3°46	5°50	26°26	1°36	0°24	23°58	16°53	F 27
S 28	20 25 5	5°32'35	29°51	19° 0	21°23	19° 5	28°28	7°21	3°49	5°50	26°25	1°30	0°21	24° 4	16°59	S 28
S 29	20 29 2	6°29'55	13♈39	20°43	22°37	19°42	28°38	7°25	3°53	5°50	26°24	1°26	0°18	24°11	17° 5	S 29
M30	20 32 59	7°27'16	26°57	22°30	23°50	20°19	28°48	7°30	3°57	5°51	26°23	1°23	0°14	24°18	17°11	M30
T 31	20 36 55	8♌24'39	9♉50	24♋20	25♌ 4	20♍56	28♍58	7♎35	4♌ 0	5♉51	26♒22	1°D23	0♊11	24♋24	17♋17	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	23n 4	2s19	4s27	18n42	4s43	23n10	0n59	11n30	1n 6	3n18	1n15	0s 3	2n25	20n13	0n33	11n43	1s43	22s 6	10s12	20n48	20n31	25n39	16n34	6s 8
M 2	23 0	3n31	3 43	18 41	4 44	23 1	1 0	11 16	1 5	3 15	1 15	0 4	2 25	20 12	0 33	11 44	1 43	22 7	10 12	20 48	20 30	25 38	16 34	6 8
T 3	22 55	9 2	2 49	18 42	4 44	22 52	1 2	11 3	1 5	3 12	1 15	0 5	2 25	20 11	0 33	11 44	1 43	22 7	10 12	20 48	20 30	25 38	16 33	6 8
W 4	22 50	14 4	1 47	18 43	4 43	22 42	1 4	10 49	1 4	3 9	1 15	0 7	2 25	20 10	0 33	11 44	1 43	22 8	10 12	20 48	20 29	25 37	16 33	6 8
T 5	22 44	18 26	0 43	18 46	4 40	22 32	1 6	10 35	1 3	3 6	1 15	0 8	2 25	20 9	0 33	11 45	1 44	22 8	10 13	20 48	20 28	25 37	16 32	6 8
F 6	22 38	21 57	0n23	18 51	4 35	22 21	1 7	10 22	1 2	3 3	1 14	0 9	2 24	20 9	0 33	11 45	1 44	22 9	10 13	20 48	20 28	25 36	16 31	6 8
S 7	22 32	24 28	1 27	18 56	4 30	22 9	1 9	10 8	1 2	2 59	1 14	0 11	2 24	20 8	0 33	11 45	1 44	22 9	10 13	20 48	20 27	25 36	16 30	6 8
S 8	22 25	25 52	2 26	19 3	4 23	21 56	1 10	9 54	1 1	2 56	1 14	0 12	2 24	20 7	0 33	11 45	1 44	22 10	10 13	20 48	20 26	25 35	16 30	6 8
M 9	22 18	26 5	3 19	19 11	4 15	21 43	1 12	9 40	1 0	2 53	1 14	0 13	2 24	20 6	0 33	11 46	1 44	22 10	10 14	20 47	20 26	25 34	16 29	6 8
T 10	22 11	25 6	4 3	19 19	4 7	21 30	1 13	9 26	1 0	2 49	1 14	0 15	2 23	20 5	0 33	11 46	1 44	22 11	10 14	20 45	20 25	25 34	16 28	6 8
W11	22 3	23 0	4 36	19 29	3 57	21 15	1 15	9 12	0 59	2 46	1 13	0 16	2 23	20 5	0 33	11 46	1 44	22 12	10 14	20 44	20 24	25 33	16 28	6 9
T 12	21 54	19 54	4 58	19 39	3 46	21 0	1 16	8 58	0 58	2 43	1 13	0 18	2 23	20 4	0 33	11 46	1 44	22 12	10 14	20 42	20 24	25 33	16 27	6 9
F 13	21 46	15 58	5 7	19 50	3 35	20 45	1 17	8 43	0 58	2 39	1 13	0 19	2 23	20 3	0 33	11 47	1 44	22 13	10 15	20 40	20 23	25 32	16 26	6 9
S 14	21 37	11 22	5 2	20 1	3 23	20 29	1 18	8 29	0 57	2 35	1 13	0 21	2 23	20 2	0 33	11 47	1 44	22 13	10 15	20 39	20 22	25 32	16 25	6 9
S 15	21 27	6 16	4 43	20 13	3 11	20 12	1 20	8 15	0 56	2 32	1 13	0 23	2 22	20 1	0 33	11 47	1 44	22 14	10 15	20 38	20 22	25 31	16 24	6 9
M16	21 17	0 49	4 11	20 25	2 58	19 55	1 21	8 0	0 56	2 28	1 13	0 24	2 22	20 0	0 33	11 47	1 44	22 14	10 15	20 37	20 21	25 30	16 24	6 9
T 17	21 7	4s48	3 25	20 37	2 45	19 37	1 22	7 46	0 55	2 25	1 12	0 26	2 22	20 0	0 33	11 48	1 44	22 15	10 15	20 37	20 20	25 30	16 23	6 9
W18	20 57	10 21	2 28	20 48	2 31	19 18	1 23	7 31	0 54	2 21	1 12	0 28	2 22	19 59	0 33	11 48	1 44	22 15	10 16	20 37	20 20	25 29	16 22	6 9
T 19	20 46	15 37	1 21	20 59	2 17	18 59	1 24	7 17	0 54	2 17	1 12	0 29	2 22	19 58	0 33	11 48	1 44	22 16	10 16	20 37	20 19	25 29	16 21	6 9
F 20	20 35	20 13	0 7	21 10	2 3	18 40	1 25	7 2	0 53	2 13	1 12	0 31	2 21	19 57	0 33	11 48	1 44	22 17	10 16	20 37	20 18	25 28	16 20	6 10
S 21	20 23	23 46	1s 9	21 20	1 49	18 20	1 25	6 47	0 52	2 10	1 12	0 33	2 21	19 56	0 33	11 48	1 44	22 17	10 16	20 37	20 18	25 27	16 20	6 10
S 22	20 11	25 49	2 23	21 29	1 34	18 0	1 26	6 33	0 51	2 6	1 12	0 35	2 21	19 55	0 33	11 48	1 45	22 18	10 16	20 36	20 17	25 27	16 19	6 10
M23	19 59	26 1	3 28	21 37	1 20	17 39	1 27	6 18	0 51	2 2	1 12	0 37	2 21	19 54	0 33	11 48	1 45	22 18	10 16	20 35	20 17	25 26	16 18	6 10
T 24	19 46	24 16	4 20	21 44	1 6	17 17	1 27	6 3	0 50	1 58	1 11	0 39	2 21	19 54	0 33	11 49	1 45	22 19	10 17	20 34	20 16	25 25	16 17	6 10
W25	19 33	20 46	4 52	21 49	0 52	16 55	1 28	5 48	0 49	1 54	1 11	0 40	2 20	19 53	0 33	11 49	1 45	22 19	10 17	20 32	20 15	25 25	16 16	6 10
T 26	19 20	15 55	5 4	21 52	0 38	16 33	1 28	5 33	0 49	1 50	1 11	0 42	2 20	19 52	0 33	11 49	1 45	22 20	10 17	20 30	20 15	25 24	16 15	6 11
F 27	19 7	10 13	4 55	21 54	0 25	16 10	1 29	5 18	0 48	1 46	1 11	0 44	2 20	19 51	0 33	11 49	1 45	22 21	10 17	20 29	20 14	25 23	16 14	6 11
S 28	18 53	4 9	4 28	21 54	0 12	15 47	1 29	5 3	0 47	1 42	1 11	0 46	2 20	19 50	0 33	11 49	1 45	22 21	10 17	20 27	20 13	25 23	16 13	6 11
S 29	18 39	1n55	3 46	21 51	0n 1	15 23	1 29	4 48	0 47	1 38	1 11	0 48	2 20	19 49	0 33	11 49	1 45	22 22	10 17	20 27	20 13	25 22	16 12	6 11
M30	18 24	7 42	2 53	21 46	0 13	14 59	1 30	4 33	0 46	1 33	1 11	0 50	2 19	19 48	0 33	11 49	1 45	22 22	10 18	20 26	20 12	25 21	16 11	6 11
T 31	18n 9	12n59	1s52	21n39	0n24	14n34	1n30	4n18	0n45	1n29	1n10	0s53	2n19	19n48	0n33	11n49	1s45	22s23	10s18	20n26	20n11	25n21	16n10	6s12

Julian Day Number = 2466336.5, Delta T = 71.93 sec
Ecliptic obliquity = 23°26'06, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'22, Lahiri = 24°25'22

ASTRODIENST EPHEMERIS for the year 2040
geocentric

AUGUST 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 40 52	9♌22'02	22♉20	26♋14	26♌18	21♍33	29♍ 8	7♎40	4♌ 4	5♉51	26°R20	1♊23	0♊ 8	24♋31	17♋23	W 1
T 2	20 44 48	10°19'27	4♊33	28° 9	27°31	22°10	29°19	7°45	4° 8	5°52	26♒19	1°R23	0° 5	24°38	17°29	T 2
F 3	20 48 45	11°16'53	16°34	0♌ 7	28°45	22°47	29°29	7°50	4°11	5°52	26°18	1°22	0° 2	24°44	17°35	F 3
S 4	20 52 41	12°14'20	28°27	2° 7	29°58	23°24	29°40	7°55	4°15	5°52	26°17	1°19	29♉59	24°51	17°41	S 4
S 5	20 56 38	13°11'48	10♋17	4° 9	1♍12	24° 2	29°50	8° 0	4°19	5°52	26°15	1°13	29°55	24°58	17°47	S 5
M 6	21 0 34	14° 9'17	22° 6	6°11	2°26	24°39	0♎ 1	8° 5	4°22	5°52	26°14	1° 5	29°52	25° 5	17°53	M 6
T 7	21 4 31	15° 6'47	3♌57	8°15	3°39	25°16	0°12	8°11	4°26	5°52	26°13	0°54	29°49	25°11	17°59	T 7
W 8	21 8 28	16° 4'19	15°52	10°19	4°53	25°54	0°22	8°16	4°30	5°R52	26°11	0°41	29°46	25°18	18° 5	W 8
T 9	21 12 24	17° 1'51	27°53	12°23	6° 7	26°32	0°33	8°22	4°33	5°52	26°10	0°28	29°43	25°25	18°10	T 9
F 10	21 16 21	17°59'24	10♍ 0	14°27	7°20	27° 9	0°44	8°27	4°37	5°52	26° 9	0°15	29°39	25°31	18°16	F 10
S 11	21 20 17	18°56'59	22°15	16°31	8°34	27°47	0°55	8°33	4°41	5°52	26° 8	0° 4	29°36	25°38	18°22	S 11
S 12	21 24 14	19°54'34	4♎39	18°34	9°47	28°25	1° 7	8°38	4°44	5°52	26° 6	29♉55	29°33	25°45	18°28	S 12
M13	21 28 10	20°52'10	17°15	20°36	11° 1	29° 2	1°18	8°44	4°48	5°52	26° 5	29°48	29°30	25°51	18°33	M13
T 14	21 32 7	21°49'47	0♏ 4	22°38	12°14	29°40	1°29	8°50	4°51	5°52	26° 4	29°45	29°27	25°58	18°39	T 14
W15	21 36 3	22°47'26	13°10	24°39	13°28	0♎18	1°40	8°56	4°55	5°51	26° 2	29°43	29°24	26° 5	18°44	W15
T 16	21 40 0	23°45'05	26°35	26°38	14°41	0°56	1°52	9° 1	4°58	5°51	26° 1	29°43	29°20	26°12	18°50	T 16
F 17	21 43 57	24°42'45	10♐22	28°37	15°55	1°34	2° 3	9° 7	5° 2	5°51	26° 0	29°43	29°17	26°18	18°55	F 17
S 18	21 47 53	25°40'26	24°32	0♍34	17° 8	2°12	2°15	9°13	5° 6	5°51	25°58	29°41	29°14	26°25	19° 1	S 18
S 19	21 51 50	26°38'09	9♑ 5	2°30	18°22	2°50	2°26	9°19	5° 9	5°50	25°57	29°38	29°11	26°32	19° 6	S 19
M20	21 55 46	27°35'52	23°56	4°24	19°35	3°28	2°38	9°25	5°13	5°50	25°56	29°32	29° 8	26°38	19°12	M20
T 21	21 59 43	28°33'37	9♒ 1	6°17	20°49	4° 6	2°50	9°31	5°16	5°50	25°54	29°23	29° 4	26°45	19°17	T 21
W22	22 3 39	29°31'23	24° 8	8° 9	22° 2	4°45	3° 1	9°38	5°19	5°49	25°53	29°12	29° 1	26°52	19°22	W22
T 23	22 7 36	0♍29'10	9♓ 9	10° 0	23°16	5°23	3°13	9°44	5°23	5°49	25°52	29° 1	28°58	26°58	19°28	T 23
F 24	22 11 32	1°26'58	23°53	11°49	24°29	6° 1	3°25	9°50	5°26	5°48	25°51	28°51	28°55	27° 5	19°33	F 24
S 25	22 15 29	2°24'49	8♈13	13°36	25°43	6°40	3°37	9°56	5°30	5°48	25°49	28°42	28°52	27°12	19°38	S 25
S 26	22 19 26	3°22'40	22° 6	15°23	26°56	7°18	3°49	10° 3	5°33	5°47	25°48	28°36	28°49	27°19	19°43	S 26
M27	22 23 22	4°20'34	5♉29	17° 8	28° 9	7°57	4° 1	10° 9	5°36	5°47	25°47	28°32	28°45	27°25	19°48	M27
T 28	22 27 19	5°18'29	18°24	18°52	29°23	8°35	4°13	10°16	5°40	5°46	25°45	28°31	28°42	27°32	19°53	T 28
W29	22 31 15	6°16'27	0♊57	20°34	0♎36	9°14	4°25	10°22	5°43	5°45	25°44	28°31	28°39	27°39	19°58	W29
T 30	22 35 12	7°14'26	13°11	22°15	1°50	9°53	4°37	10°29	5°46	5°45	25°43	28°31	28°36	27°45	20° 3	T 30
F 31	22 39 8	8♍12'27	25♊11	23♍55	3♎ 3	10♎31	4♎49	10♎35	5♌50	5♉44	25♒41	28♉30	28♉33	27♋52	20♋ 8	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	17n54	17n35	0s48	21n29	0n35	14n10	1n30	4n 2	0n45	1n25	1n10	0s55	2n19	19n47	0n34	11n49	1s45	22s23	10s18	20n26	20n11	25n20	16n 9	6s12
T 2	17 39	21 19	0n17	21 16	0 46	13 44	1 30	3 47	0 44	1 21	1 10	0 57	2 19	19 46	0 34	11 49	1 45	22 24	10 18	20 26	20 10	25 19	16 9	6 12
F 3	17 23	24 5	1 20	21 1	0 55	13 19	1 30	3 32	0 43	1 17	1 10	0 59	2 19	19 45	0 34	11 49	1 45	22 25	10 18	20 26	20 9	25 19	16 8	6 12
S 4	17 7	25 44	2 19	20 43	1 4	12 53	1 30	3 16	0 43	1 12	1 10	1 1	2 19	19 44	0 34	11 49	1 45	22 25	10 18	20 25	20 8	25 18	16 7	6 12
S 5	16 51	26 12	3 11	20 23	1 12	12 26	1 30	3 1	0 42	1 8	1 10	1 3	2 18	19 43	0 34	11 49	1 45	22 26	10 18	20 24	20 8	25 17	16 6	6 13
M 6	16 35	25 29	3 55	20 0	1 19	12 0	1 29	2 46	0 41	1 4	1 10	1 5	2 18	19 42	0 34	11 49	1 45	22 26	10 19	20 22	20 7	25 16	16 5	6 13
T 7	16 18	23 36	4 28	19 34	1 25	11 33	1 29	2 30	0 41	0 59	1 10	1 8	2 18	19 42	0 34	11 49	1 45	22 27	10 19	20 20	20 6	25 16	16 4	6 13
W 8	16 1	20 42	4 51	19 6	1 30	11 6	1 29	2 15	0 40	0 55	1 9	1 10	2 18	19 41	0 34	11 49	1 46	22 27	10 19	20 17	20 6	25 15	16 3	6 14
T 9	15 44	16 54	5 0	18 36	1 35	10 38	1 28	1 59	0 40	0 50	1 9	1 12	2 18	19 40	0 34	11 49	1 46	22 28	10 19	20 15	20 5	25 14	16 2	6 14
F 10	15 26	12 23	4 56	18 4	1 39	10 10	1 28	1 44	0 39	0 46	1 9	1 15	2 18	19 39	0 34	11 49	1 46	22 28	10 19	20 12	20 4	25 13	16 0	6 14
S 11	15 8	7 20	4 39	17 30	1 41	9 42	1 27	1 28	0 38	0 41	1 9	1 17	2 17	19 38	0 34	11 49	1 46	22 29	10 19	20 10	20 4	25 12	15 59	6 14
S 12	14 50	1 56	4 8	16 54	1 44	9 14	1 26	1 12	0 38	0 37	1 9	1 19	2 17	19 37	0 34	11 49	1 46	22 30	10 19	20 8	20 3	25 12	15 58	6 15
M13	14 32	3s38	3 24	16 17	1 45	8 45	1 25	0 57	0 37	0 32	1 9	1 22	2 17	19 36	0 34	11 49	1 46	22 30	10 19	20 6	20 2	25 11	15 57	6 15
T 14	14 14	9 9	2 30	15 38	1 46	8 16	1 25	0 41	0 36	0 28	1 9	1 24	2 17	19 36	0 34	11 48	1 46	22 31	10 19	20 6	20 2	25 10	15 56	6 15
W15	13 55	14 25	1 26	14 58	1 46	7 47	1 24	0 26	0 36	0 23	1 9	1 26	2 17	19 35	0 34	11 48	1 46	22 31	10 19	20 5	20 1	25 9	15 55	6 16
T 16	13 36	19 7	0 17	14 17	1 45	7 18	1 23	0 10	0 35	0 18	1 9	1 29	2 17	19 34	0 34	11 48	1 46	22 32	10 19	20 5	20 0	25 8	15 54	6 16
F 17	13 17	22 55	0s56	13 34	1 44	6 49	1 22	0s 6	0 34	0 14	1 8	1 31	2 17	19 33	0 34	11 48	1 46	22 32	10 19	20 5	20 0	25 8	15 53	6 16
S 18	12 58	25 26	2 7	12 51	1 42	6 19	1 21	0 22	0 34	0 9	1 8	1 34	2 16	19 32	0 34	11 48	1 46	22 33	10 20	20 5	19 59	25 7	15 52	6 17
S 19	12 38	26 19	3 12	12 8	1 39	5 49	1 20	0 37	0 33	0 4	1 8	1 36	2 16	19 31	0 34	11 48	1 46	22 33	10 20	20 4	19 58	25 6	15 51	6 17
M20	12 18	25 20	4 5	11 23	1 36	5 19	1 18	0 53	0 32	0s 0	1 8	1 39	2 16	19 31	0 34	11 48	1 46	22 34	10 20	20 3	19 58	25 5	15 50	6 17
T 21	11 58	22 32	4 42	10 38	1 33	4 49	1 17	1 9	0 32	0 5	1 8	1 41	2 16	19 30	0 34	11 47	1 46	22 34	10 20	20 1	19 57	25 4	15 49	6 18
W22	11 38	18 10	4 59	9 53	1 29	4 19	1 16	1 25	0 31	0 10	1 8	1 44	2 16	19 29	0 34	11 47	1 46	22 35	10 20	19 59	19 56	25 3	15 48	6 18
T 23	11 18	12 42	4 56	9 8	1 25	3 49	1 14	1 40	0 30	0 14	1 8	1 46	2 16	19 28	0 34	11 47	1 46	22 35	10 20	19 56	19 56	25 3	15 47	6 19
F 24	10 57	6 36	4 32	8 22	1 20	3 18	1 13	1 56	0 30	0 19	1 8	1 49	2 16	19 27	0 34	11 47	1 47	22 36	10 20	19 54	19 55	25 2	15 45	6 19
S 25	10 37	0 18	3 52	7 36	1 15	2 48	1 11	2 12	0 29	0 24	1 8	1 51	2 16	19 26	0 34	11 46	1 47	22 36	10 20	19 52	19 54	25 1	15 44	6 19
S 26	10 16	5n49	3 0	6 50	1 9	2 17	1 10	2 28	0 28	0 29	1 8	1 54	2 15	19 26	0 34	11 46	1 47	22 37	10 20	19 51	19 53	25 0	15 43	6 20
M27	9 55	11 29	1 59	6 4	1 4	1 46	1 8	2 44	0 28	0 34	1 8	1 57	2 15	19 25	0 34	11 46	1 47	22 37	10 20	19 50	19 53	24 59	15 42	6 20
T 28	9 34	16 27	0 53	5 17	0 58	1 15	1 6	2 59	0 27	0 39	1 7	1 59	2 15	19 24	0 34	11 46	1 47	22 38	10 20	19 50	19 52	24 58	15 41	6 21
W29	9 13	20 33	0n13	4 31	0 51	0 45	1 4	3 15	0 27	0 43	1 7	2 2	2 15	19 23	0 34	11 45	1 47	22 38	10 20	19 49	19 51	24 57	15 40	6 21
T 30	8 51	23 39	1 17	3 46	0 45	0 14	1 2	3 31	0 26	0 48	1 7	2 5	2 15	19 22	0 34	11 45	1 47	22 39	10 20	19 49	19 51	24 56	15 39	6 21
F 31	8n29	25n37	2n16	3n 0	0n38	0s17	1n 1	3s47	0n25	0s53	1n 7	2s 7	2n15	19n22	0n34	11n45	1s47	22s39	10s20	19n49	19n50	24n55	15n38	6s22

Julian Day Number = 2466367.5, Delta T = 71.95 sec
Ecliptic obliquity = 23°26'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'26, Lahiri = 24°25'26

ASTRODIENST EPHEMERIS for the year 2040
geocentric

SEPTEMBER 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 43 5	9♍10'30	7♋ 4	25♍33	4♎16	11♎10	5♎ 2	10♎42	5♌53	5°R43	25°R40	28°R27	28♉30	27♋59	20♋13	S 1
S 2	22 47 1	10° 8'35	18°54	27°11	5°30	11°49	5°14	10°49	5°56	5♉42	25♒39	28♉21	28°26	28° 5	20°18	S 2
M 3	22 50 58	11° 6'41	0♌44	28°47	6°43	12°28	5°26	10°55	5°59	5°42	25°38	28°13	28°23	28°12	20°22	M 3
T 4	22 54 55	12° 4'50	12°39	0♎22	7°56	13° 7	5°39	11° 2	6° 2	5°41	25°36	28° 2	28°20	28°19	20°27	T 4
W 5	22 58 51	13° 3'00	24°40	1°55	9°10	13°46	5°51	11° 9	6° 6	5°40	25°35	27°50	28°17	28°26	20°32	W 5
T 6	23 2 48	14° 1'12	6♍50	3°28	10°23	14°25	6° 3	11°16	6° 9	5°39	25°34	27°37	28°14	28°32	20°36	T 6
F 7	23 6 44	14°59'26	19°10	4°59	11°36	15° 4	6°16	11°22	6°12	5°38	25°33	27°24	28°10	28°39	20°41	F 7
S 8	23 10 41	15°57'41	1♎39	6°29	12°49	15°43	6°28	11°29	6°15	5°37	25°31	27°13	28° 7	28°46	20°45	S 8
S 9	23 14 37	16°55'58	14°18	7°58	14° 3	16°23	6°41	11°36	6°18	5°36	25°30	27° 4	28° 4	28°52	20°50	S 9
M10	23 18 34	17°54'17	27° 9	9°25	15°16	17° 2	6°54	11°43	6°21	5°35	25°29	26°58	28° 1	28°59	20°54	M10
T 11	23 22 30	18°52'38	10♏11	10°51	16°29	17°41	7° 6	11°50	6°24	5°34	25°28	26°54	27°58	29° 6	20°58	T 11
W12	23 26 27	19°51'00	23°26	12°16	17°42	18°21	7°19	11°57	6°27	5°33	25°27	26°D53	27°55	29°12	21° 3	W12
T 13	23 30 23	20°49'24	6♐55	13°40	18°55	19° 0	7°31	12° 4	6°30	5°32	25°25	26°53	27°51	29°19	21° 7	T 13
F 14	23 34 20	21°47'49	20°39	15° 2	20° 8	19°40	7°44	12°11	6°32	5°31	25°24	26°R53	27°48	29°26	21°11	F 14
S 15	23 38 17	22°46'16	4♑40	16°23	21°22	20°19	7°57	12°18	6°35	5°30	25°23	26°53	27°45	29°33	21°15	S 15
S 16	23 42 13	23°44'44	18°58	17°43	22°35	20°59	8°10	12°25	6°38	5°29	25°22	26°50	27°42	29°39	21°19	S 16
M17	23 46 10	24°43'14	3♒30	19° 1	23°48	21°39	8°22	12°32	6°41	5°28	25°21	26°46	27°39	29°46	21°23	M17
T 18	23 50 6	25°41'46	18°12	20°18	25° 1	22°19	8°35	12°40	6°44	5°26	25°20	26°39	27°36	29°53	21°26	T 18
W19	23 54 3	26°40'19	2♓57	21°33	26°14	22°58	8°48	12°47	6°46	5°25	25°19	26°30	27°32	29°59	21°30	W19
T 20	23 57 59	27°38'54	17°39	22°47	27°27	23°38	9° 1	12°54	6°49	5°24	25°18	26°21	27°29	0♌ 6	21°34	T 20
F 21	0 1 56	28°37'31	2♈ 8	23°59	28°40	24°18	9°14	13° 1	6°52	5°23	25°17	26°12	27°26	0°13	21°37	F 21
S 22	0 5 52	29°36'10	16°19	25° 9	29°53	24°58	9°27	13° 8	6°54	5°21	25°16	26° 5	27°23	0°20	21°41	S 22
S 23	0 9 49	0♎34'51	0♉ 6	26°17	1♏ 6	25°38	9°39	13°15	6°57	5°20	25°15	26° 0	27°20	0°26	21°45	S 23
M24	0 13 46	1°33'34	13°29	27°23	2°19	26°18	9°52	13°23	6°59	5°19	25°13	25°57	27°16	0°33	21°48	M24
T 25	0 17 42	2°32'19	26°26	28°27	3°32	26°58	10° 5	13°30	7° 2	5°17	25°12	25°D56	27°13	0°40	21°51	T 25
W26	0 21 39	3°31'07	9♊ 1	29°29	4°45	27°39	10°18	13°37	7° 4	5°16	25°12	25°57	27°10	0°46	21°54	W26
T 27	0 25 35	4°29'57	21°17	0♏28	5°57	28°19	10°31	13°45	7° 6	5°15	25°11	25°58	27° 7	0°53	21°58	T 27
F 28	0 29 32	5°28'49	3♋20	1°25	7°10	28°59	10°44	13°52	7° 9	5°13	25°10	25°R58	27° 4	1° 0	22° 1	F 28
S 29	0 33 28	6°27'43	15°15	2°19	8°23	29°40	10°57	13°59	7°11	5°12	25° 9	25°58	27° 1	1° 6	22° 4	S 29
S 30	0 37 25	7♎26'40	27♋ 6	3♏ 9	9♏36	0♏20	11♎10	14♎ 7	7♌13	5♉10	25♒ 8	25♉56	26♉57	1♌13	22♋ 7	S 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
S 1	8n 8	26n23	3n 9	2n14	0n31	0s48	0n59	4s 2	0n25	0s58	1n 7	2s10	2n15	19n21	0n34	11n45	1s47	22s39	10s20	19n49	19n49	24n54	15n37	6s22
S 2	7 46	25 57	3 53	1 29	0 24	1 19	0 56	4 18	0 24	1 3	1 7	2 13	2 15	19 20	0 34	11 44	1 47	22 40	10 20	19 47	19 49	24 53	15 35	6 23
M 3	7 24	24 20	4 27	0 44	0 17	1 50	0 54	4 34	0 23	1 8	1 7	2 15	2 15	19 19	0 34	11 44	1 47	22 40	10 20	19 46	19 48	24 53	15 34	6 23
T 4	7 2	21 39	4 50	0s 0	0 9	2 21	0 52	4 50	0 23	1 13	1 7	2 18	2 15	19 19	0 34	11 44	1 47	22 41	10 20	19 43	19 47	24 52	15 33	6 24
W 5	6 40	18 0	5 0	0 44	0 2	2 52	0 50	5 5	0 22	1 18	1 7	2 21	2 15	19 18	0 34	11 43	1 47	22 41	10 20	19 40	19 46	24 51	15 32	6 24
T 6	6 17	13 35	4 57	1 28	0s 6	3 23	0 48	5 21	0 21	1 23	1 7	2 23	2 14	19 17	0 34	11 43	1 47	22 41	10 20	19 37	19 46	24 50	15 31	6 25
F 7	5 55	8 35	4 40	2 12	0 14	3 53	0 45	5 37	0 21	1 28	1 7	2 26	2 14	19 16	0 34	11 43	1 47	22 42	10 20	19 35	19 45	24 49	15 30	6 25
S 8	5 32	3 9	4 9	2 54	0 22	4 24	0 43	5 53	0 20	1 33	1 7	2 29	2 14	19 16	0 34	11 42	1 47	22 42	10 20	19 32	19 44	24 48	15 29	6 26
S 9	5 10	2s29	3 25	3 37	0 30	4 55	0 41	6 8	0 20	1 38	1 7	2 32	2 14	19 15	0 34	11 42	1 47	22 43	10 20	19 30	19 44	24 47	15 28	6 26
M10	4 47	8 6	2 31	4 19	0 38	5 25	0 38	6 24	0 19	1 43	1 7	2 34	2 14	19 14	0 34	11 42	1 47	22 43	10 20	19 29	19 43	24 46	15 26	6 27
T 11	4 24	13 29	1 28	5 0	0 46	5 56	0 36	6 40	0 18	1 48	1 7	2 37	2 14	19 13	0 34	11 41	1 47	22 43	10 20	19 28	19 42	24 45	15 25	6 27
W12	4 1	18 20	0 18	5 41	0 54	6 26	0 33	6 55	0 18	1 53	1 7	2 40	2 14	19 13	0 34	11 41	1 47	22 44	10 19	19 27	19 41	24 44	15 24	6 28
T 13	3 38	22 20	0s53	6 21	1 2	6 56	0 31	7 11	0 17	1 58	1 6	2 43	2 14	19 12	0 34	11 40	1 48	22 44	10 19	19 27	19 41	24 43	15 23	6 28
F 14	3 15	25 9	2 3	7 0	1 10	7 26	0 28	7 26	0 16	2 3	1 6	2 46	2 14	19 11	0 34	11 40	1 48	22 44	10 19	19 28	19 40	24 42	15 22	6 29
S 15	2 52	26 28	3 7	7 39	1 19	7 56	0 25	7 42	0 16	2 8	1 6	2 48	2 14	19 11	0 34	11 40	1 48	22 45	10 19	19 27	19 39	24 41	15 21	6 29
S 16	2 29	26 4	4 1	8 17	1 27	8 26	0 23	7 57	0 15	2 13	1 6	2 51	2 14	19 10	0 34	11 39	1 48	22 45	10 19	19 27	19 39	24 40	15 20	6 30
M17	2 6	23 54	4 40	8 54	1 35	8 56	0 20	8 13	0 14	2 18	1 6	2 54	2 14	19 9	0 34	11 39	1 48	22 45	10 19	19 26	19 38	24 39	15 19	6 30
T 18	1 43	20 8	5 1	9 31	1 43	9 25	0 17	8 28	0 14	2 23	1 6	2 57	2 14	19 9	0 34	11 38	1 48	22 46	10 19	19 24	19 37	24 37	15 17	6 31
W19	1 19	15 6	5 2	10 7	1 51	9 54	0 14	8 44	0 13	2 28	1 6	3 0	2 14	19 8	0 34	11 38	1 48	22 46	10 19	19 22	19 36	24 36	15 16	6 31
T 20	0 56	9 14	4 43	10 41	1 58	10 23	0 11	8 59	0 13	2 33	1 6	3 2	2 14	19 7	0 35	11 37	1 48	22 46	10 19	19 20	19 36	24 35	15 15	6 32
F 21	0 33	2 55	4 7	11 15	2 6	10 52	0 8	9 14	0 12	2 39	1 6	3 5	2 14	19 7	0 35	11 37	1 48	22 47	10 19	19 18	19 35	24 34	15 14	6 33
S 22	0 9	3n24	3 15	11 48	2 14	11 21	0 6	9 29	0 11	2 44	1 6	3 8	2 14	19 6	0 35	11 37	1 48	22 47	10 19	19 16	19 34	24 33	15 13	6 33
S 23	0s14	9 25	2 14	12 20	2 21	11 49	0 3	9 45	0 11	2 49	1 6	3 11	2 13	19 5	0 35	11 36	1 48	22 47	10 19	19 15	19 34	24 32	15 12	6 34
M24	0 37	14 50	1 6	12 51	2 28	12 17	0s 0	10 0	0 10	2 54	1 6	3 14	2 13	19 5	0 35	11 36	1 48	22 47	10 18	19 14	19 33	24 31	15 11	6 34
T 25	1 1	19 24	0n 3	13 20	2 35	12 45	0 3	10 15	0 9	2 59	1 6	3 17	2 13	19 4	0 35	11 35	1 48	22 48	10 18	19 14	19 32	24 30	15 10	6 35
W26	1 24	22 57	1 10	13 49	2 42	13 12	0 6	10 30	0 9	3 4	1 6	3 19	2 13	19 4	0 35	11 35	1 48	22 48	10 18	19 14	19 31	24 29	15 9	6 35
T 27	1 47	25 21	2 12	14 16	2 48	13 39	0 9	10 45	0 8	3 9	1 6	3 22	2 13	19 3	0 35	11 34	1 48	22 48	10 18	19 15	19 31	24 28	15 8	6 36
F 28	2 11	26 31	3 7	14 42	2 55	14 6	0 13	11 0	0 8	3 14	1 6	3 25	2 13	19 3	0 35	11 34	1 48	22 48	10 18	19 15	19 30	24 27	15 6	6 37
S 29	2 34	26 26	3 54	15 6	3 1	14 33	0 16	11 14	0 7	3 19	1 6	3 28	2 13	19 2	0 35	11 33	1 48	22 49	10 18	19 15	19 29	24 25	15 5	6 37
S 30	2s57	25n 9	4n30	15s29	3s 6	14s59	0s19	11s29	0n 6	3s24	1n 6	3s31	2n13	19n 1	0n35	11n33	1s48	22s49	10s18	19n14	19n28	24n24	15n 4	6s38

Julian Day Number = 2466398.5, Delta T = 71.98 sec
Ecliptic obliquity = 23°26'08, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'30, Lahiri = 24°25'31

ASTRODIENST EPHEMERIS for the year 2040
geocentric

OCTOBER 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 41 21	8♎25'39	8♌58	3♏57	10♏49	1♏ 0	11♎23	14♎14	7♌16	5°R 9	25°R 7	25°R52	26♉54	1♌20	22♋10	M 1
T 2	0 45 18	9°24'40	20°56	4°40	12° 1	1°41	11°36	14°21	7°18	5♉ 8	25♒ 6	25♉45	26°51	1°27	22°12	T 2
W 3	0 49 15	10°23'43	3♍ 3	5°20	13°14	2°22	11°49	14°29	7°20	5° 6	25° 5	25°38	26°48	1°33	22°15	W 3
T 4	0 53 11	11°22'49	15°22	5°55	14°27	3° 2	12° 2	14°36	7°22	5° 5	25° 4	25°30	26°45	1°40	22°18	T 4
F 5	0 57 8	12°21'56	27°54	6°25	15°40	3°43	12°15	14°43	7°24	5° 3	25° 3	25°22	26°41	1°47	22°20	F 5
S 6	1 1 4	13°21'06	10♎39	6°50	16°52	4°24	12°28	14°51	7°26	5° 2	25° 3	25°14	26°38	1°53	22°23	S 6
S 7	1 5 1	14°20'17	23°38	7°10	18° 5	5° 5	12°41	14°58	7°28	5° 0	25° 2	25° 9	26°35	2° 0	22°25	S 7
M 8	1 8 57	15°19'31	6♏50	7°24	19°18	5°46	12°54	15° 5	7°30	4°58	25° 1	25° 5	26°32	2° 7	22°28	M 8
T 9	1 12 54	16°18'47	20°14	7°31	20°30	6°26	13° 7	15°13	7°32	4°57	25° 0	25°D 4	26°29	2°14	22°30	T 9
W10	1 16 50	17°18'05	3♐49	7°R31	21°43	7° 7	13°20	15°20	7°34	4°55	25° 0	25° 4	26°26	2°20	22°32	W10
T 11	1 20 47	18°17'24	17°34	7°23	22°55	7°49	13°33	15°27	7°35	4°54	24°59	25° 5	26°22	2°27	22°34	T 11
F 12	1 24 44	19°16'46	1♑28	7° 8	24° 8	8°30	13°46	15°35	7°37	4°52	24°58	25° 7	26°19	2°34	22°36	F 12
S 13	1 28 40	20°16'09	15°31	6°44	25°20	9°11	13°59	15°42	7°39	4°50	24°58	25°R 8	26°16	2°40	22°38	S 13
S 14	1 32 37	21°15'33	29°41	6°13	26°33	9°52	14°12	15°49	7°40	4°49	24°57	25° 8	26°13	2°47	22°40	S 14
M15	1 36 33	22°15'00	13♒57	5°32	27°45	10°33	14°25	15°57	7°42	4°47	24°56	25° 6	26°10	2°54	22°41	M15
T 16	1 40 30	23°14'28	28°16	4°44	28°58	11°15	14°38	16° 4	7°43	4°46	24°56	25° 3	26° 7	3° 1	22°43	T 16
W17	1 44 26	24°13'58	12♓34	3°48	0♐10	11°56	14°51	16°11	7°45	4°44	24°55	24°59	26° 3	3° 7	22°45	W17
T 18	1 48 23	25°13'30	26°47	2°45	1°22	12°38	15° 4	16°19	7°46	4°42	24°55	24°54	26° 0	3°14	22°46	T 18
F 19	1 52 19	26°13'03	10♈51	1°37	2°35	13°19	15°17	16°26	7°48	4°41	24°54	24°50	25°57	3°21	22°47	F 19
S 20	1 56 16	27°12'39	24°40	0°24	3°47	14° 1	15°29	16°33	7°49	4°39	24°54	24°46	25°54	3°27	22°49	S 20
S 21	2 0 13	28°12'16	8♉11	29♎10	4°59	14°42	15°42	16°41	7°50	4°37	24°53	24°44	25°51	3°34	22°50	S 21
M22	2 4 9	29°11'56	21°23	27°55	6°11	15°24	15°55	16°48	7°51	4°36	24°53	24°D43	25°47	3°41	22°51	M22
T 23	2 8 6	0♏11'37	4♊15	26°43	7°23	16° 6	16° 8	16°55	7°53	4°34	24°53	24°43	25°44	3°48	22°52	T 23
W24	2 12 2	1°11'21	16°49	25°35	8°36	16°48	16°21	17° 2	7°54	4°32	24°52	24°44	25°41	3°54	22°53	W24
T 25	2 15 59	2°11'07	29° 6	24°33	9°48	17°29	16°33	17°10	7°55	4°31	24°52	24°46	25°38	4° 1	22°54	T 25
F 26	2 19 55	3°10'56	11♋10	23°40	11° 0	18°11	16°46	17°17	7°56	4°29	24°51	24°48	25°35	4° 8	22°54	F 26
S 27	2 23 52	4°10'46	23° 6	22°56	12°12	18°53	16°59	17°24	7°57	4°27	24°51	24°49	25°32	4°14	22°55	S 27
S 28	2 27 48	5°10'39	4♌58	22°24	13°24	19°35	17°12	17°31	7°58	4°25	24°51	24°R49	25°28	4°21	22°56	S 28
M29	2 31 45	6°10'33	16°52	22° 2	14°35	20°17	17°24	17°38	7°58	4°24	24°51	24°49	25°25	4°28	22°56	M29
T 30	2 35 42	7°10'30	28°51	21°D52	15°47	21° 0	17°37	17°45	7°59	4°22	24°50	24°47	25°22	4°35	22°56	T 30
W31	2 39 38	8♏10'29	11♍ 0	21♎53	16♐59	21♏42	17♎50	17♎52	8♌ 0	4♉20	24♒50	24♉46	25♉19	4♌41	22♋57	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	3s20	22n45	4n55	15s50	3s11	15s25	0s22	11s44	0n 6	3s29	1n 6	3s34	2n13	19n 1	0n35	11n32	1s48	22s49	10s18	19n13	19n28	24n23	15n 3	6s38
T 2	3 44	19 21	5 7	16 9	3 16	15 50	0 25	11 59	0 5	3 34	1 6	3 37	2 13	19 0	0 35	11 32	1 48	22 49	10 18	19 12	19 27	24 22	15 2	6 39
W 3	4 7	15 7	5 5	16 26	3 20	16 15	0 28	12 13	0 5	3 40	1 6	3 39	2 13	19 0	0 35	11 31	1 48	22 49	10 17	19 10	19 26	24 21	15 1	6 40
T 4	4 30	10 13	4 50	16 41	3 23	16 40	0 31	12 28	0 4	3 45	1 6	3 42	2 13	18 59	0 35	11 31	1 48	22 49	10 17	19 8	19 26	24 20	15 0	6 40
F 5	4 53	4 49	4 20	16 54	3 26	17 4	0 34	12 42	0 3	3 50	1 6	3 45	2 13	18 59	0 35	11 30	1 48	22 50	10 17	19 6	19 25	24 19	14 59	6 41
S 6	5 16	0s53	3 37	17 4	3 28	17 28	0 37	12 57	0 3	3 55	1 6	3 48	2 13	18 58	0 35	11 30	1 48	22 50	10 17	19 4	19 24	24 17	14 58	6 42
S 7	5 39	6 40	2 42	17 12	3 29	17 52	0 41	13 11	0 2	4 0	1 6	3 51	2 13	18 58	0 35	11 29	1 48	22 50	10 17	19 3	19 23	24 16	14 57	6 42
M 8	6 2	12 16	1 37	17 16	3 29	18 15	0 44	13 25	0 1	4 5	1 6	3 53	2 13	18 58	0 35	11 28	1 48	22 50	10 17	19 2	19 23	24 15	14 56	6 43
T 9	6 25	17 23	0 26	17 18	3 28	18 37	0 47	13 39	0 1	4 10	1 6	3 56	2 13	18 57	0 35	11 28	1 48	22 50	10 16	19 2	19 22	24 14	14 55	6 44
W10	6 48	21 41	0s47	17 16	3 26	19 0	0 50	13 53	0 0	4 15	1 6	3 59	2 13	18 57	0 35	11 27	1 48	22 50	10 16	19 2	19 21	24 13	14 54	6 44
T 11	7 10	24 50	1 59	17 10	3 23	19 21	0 53	14 7	0s 0	4 20	1 6	4 2	2 13	18 56	0 35	11 27	1 48	22 50	10 16	19 2	19 20	24 11	14 53	6 45
F 12	7 33	26 31	3 5	17 1	3 18	19 42	0 56	14 21	0 1	4 25	1 6	4 5	2 13	18 56	0 35	11 26	1 48	22 50	10 16	19 2	19 20	24 10	14 52	6 45
S 13	7 55	26 31	4 1	16 47	3 12	20 3	0 59	14 35	0 2	4 30	1 6	4 7	2 14	18 55	0 35	11 26	1 48	22 50	10 16	19 3	19 19	24 9	14 51	6 46
S 14	8 17	24 48	4 42	16 29	3 4	20 23	1 2	14 48	0 2	4 35	1 6	4 10	2 14	18 55	0 35	11 25	1 49	22 50	10 16	19 3	19 18	24 8	14 50	6 47
M15	8 40	21 31	5 6	16 6	2 54	20 43	1 5	15 2	0 3	4 40	1 6	4 13	2 14	18 55	0 35	11 25	1 49	22 51	10 15	19 2	19 17	24 6	14 50	6 47
T 16	9 2	16 56	5 11	15 39	2 43	21 2	1 8	15 15	0 4	4 45	1 6	4 16	2 14	18 54	0 35	11 24	1 49	22 51	10 15	19 1	19 17	24 5	14 49	6 48
W17	9 24	11 25	4 57	15 7	2 29	21 21	1 11	15 29	0 4	4 50	1 6	4 19	2 14	18 54	0 35	11 23	1 49	22 51	10 15	19 0	19 16	24 4	14 48	6 49
T 18	9 46	5 20	4 25	14 32	2 14	21 39	1 14	15 42	0 5	4 55	1 6	4 21	2 14	18 54	0 35	11 23	1 49	22 51	10 15	18 59	19 15	24 3	14 47	6 49
F 19	10 7	0n57	3 37	13 52	1 57	21 56	1 17	15 55	0 5	5 0	1 6	4 24	2 14	18 53	0 36	11 22	1 49	22 51	10 15	18 58	19 14	24 1	14 46	6 50
S 20	10 29	7 7	2 37	13 10	1 39	22 13	1 20	16 8	0 6	5 5	1 6	4 27	2 14	18 53	0 36	11 22	1 49	22 51	10 15	18 57	19 14	24 0	14 45	6 51
S 21	10 50	12 49	1 29	12 25	1 20	22 29	1 23	16 21	0 7	5 10	1 6	4 30	2 14	18 53	0 36	11 21	1 49	22 51	10 14	18 57	19 13	23 59	14 44	6 51
M22	11 11	17 49	0 18	11 40	1 0	22 45	1 26	16 34	0 7	5 14	1 6	4 32	2 14	18 53	0 36	11 21	1 49	22 51	10 14	18 57	19 12	23 58	14 43	6 52
T 23	11 32	21 51	0n52	10 54	0 39	23 0	1 29	16 47	0 8	5 19	1 6	4 35	2 14	18 52	0 36	11 20	1 49	22 51	10 14	18 57	19 11	23 56	14 43	6 53
W24	11 53	24 45	1 59	10 10	0 18	23 15	1 32	16 59	0 8	5 24	1 6	4 38	2 14	18 52	0 36	11 20	1 49	22 50	10 14	18 57	19 11	23 55	14 42	6 53
T 25	12 14	26 24	2 58	9 29	0n 2	23 28	1 35	17 12	0 9	5 29	1 6	4 40	2 14	18 52	0 36	11 19	1 49	22 50	10 14	18 57	19 10	23 54	14 41	6 54
F 26	12 34	26 46	3 49	8 51	0 21	23 42	1 37	17 24	0 10	5 34	1 7	4 43	2 14	18 52	0 36	11 18	1 49	22 50	10 13	18 58	19 9	23 52	14 40	6 55
S 27	12 55	25 52	4 28	8 18	0 40	23 54	1 40	17 36	0 10	5 39	1 7	4 46	2 14	18 51	0 36	11 18	1 49	22 50	10 13	18 58	19 8	23 51	14 39	6 55
S 28	13 15	23 49	4 57	7 50	0 57	24 6	1 43	17 48	0 11	5 44	1 7	4 48	2 14	18 51	0 36	11 17	1 49	22 50	10 13	18 58	19 8	23 50	14 39	6 56
M29	13 35	20 44	5 12	7 28	1 12	24 17	1 45	18 0	0 11	5 48	1 7	4 51	2 14	18 51	0 36	11 17	1 49	22 50	10 13	18 58	19 7	23 48	14 38	6 57
T 30	13 54	16 47	5 15	7 12	1 25	24 28	1 48	18 12	0 12	5 53	1 7	4 54	2 15	18 51	0 36	11 16	1 49	22 50	10 13	18 58	19 6	23 47	14 37	6 57
W31	14s14	12n 6	5n 3	7s 1	1n37	24s38	1s50	18s23	0s13	5s58	1n 7	4s56	2n15	18n51	0n36	11n16	1s49	22s50	10s12	18n57	19n 5	23n46	14n37	6s58

Julian Day Number = 2466428.5, Delta T = 72.00 sec
Ecliptic obliquity = 23°26'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'34, Lahiri = 24°25'35

ASTRODIENST EPHEMERIS for the year 2040
geocentric

NOVEMBER 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 43 35	9♏10'31	23♍23	22♎ 6	18♐11	22♏24	18♎ 2	17♎59	8♌ 1	4°R19	24°R50	24°R43	25♉16	4♌48	22♋57	T 1
F 2	2 47 31	10°10'34	6♎ 2	22°28	19°23	23° 6	18°15	18° 6	8° 1	4♉17	24♒50	24♉41	25°13	4°55	22°R57	F 2
S 3	2 51 28	11°10'39	19° 0	23° 1	20°34	23°49	18°27	18°13	8° 2	4°15	24°50	24°39	25° 9	5° 1	22°57	S 3
S 4	2 55 24	12°10'46	2♏17	23°42	21°46	24°31	18°40	18°20	8° 2	4°14	24°50	24°38	25° 6	5° 8	22°57	S 4
M 5	2 59 21	13°10'55	15°52	24°30	22°58	25°14	18°52	18°27	8° 3	4°12	24°50	24°37	25° 3	5°15	22°57	M 5
T 6	3 3 17	14°11'07	29°42	25°26	24° 9	25°56	19° 5	18°34	8° 3	4°10	24°49	24°D37	25° 0	5°22	22°56	T 6
W 7	3 7 14	15°11'19	13♐44	26°28	25°21	26°39	19°17	18°41	8° 4	4° 9	24°D49	24°37	24°57	5°28	22°56	W 7
T 8	3 11 11	16°11'34	27°56	27°36	26°32	27°22	19°29	18°48	8° 4	4° 7	24°49	24°38	24°53	5°35	22°55	T 8
F 9	3 15 7	17°11'50	12♑12	28°47	27°44	28° 4	19°41	18°55	8° 4	4° 5	24°49	24°39	24°50	5°42	22°55	F 9
S 10	3 19 4	18°12'07	26°29	0♏ 3	28°55	28°47	19°54	19° 1	8° 4	4° 4	24°50	24°39	24°47	5°48	22°54	S 10
S 11	3 23 0	19°12'26	10♒45	1°23	0♑ 6	29°30	20° 6	19° 8	8° 4	4° 2	24°50	24°40	24°44	5°55	22°53	S 11
M12	3 26 57	20°12'47	24°56	2°45	1°17	0♐13	20°18	19°15	8° 4	4° 1	24°50	24°R40	24°41	6° 2	22°53	M12
T 13	3 30 53	21°13'08	9♓ 0	4° 9	2°29	0°56	20°30	19°22	8°R 4	3°59	24°50	24°39	24°38	6° 9	22°52	T 13
W14	3 34 50	22°13'31	22°56	5°36	3°40	1°39	20°42	19°28	8° 4	3°57	24°50	24°39	24°34	6°15	22°51	W14
T 15	3 38 46	23°13'55	6♈42	7° 4	4°51	2°22	20°54	19°35	8° 4	3°56	24°50	24°39	24°31	6°22	22°50	T 15
F 16	3 42 43	24°14'21	20°16	8°34	6° 2	3° 5	21° 6	19°41	8° 4	3°54	24°50	24°D39	24°28	6°29	22°48	F 16
S 17	3 46 40	25°14'48	3♉38	10° 4	7°12	3°48	21°18	19°48	8° 4	3°53	24°51	24°39	24°25	6°35	22°47	S 17
S 18	3 50 36	26°15'16	16°46	11°36	8°23	4°31	21°30	19°54	8° 4	3°51	24°51	24°39	24°22	6°42	22°46	S 18
M19	3 54 33	27°15'47	29°40	13° 8	9°34	5°14	21°41	20° 0	8° 3	3°50	24°51	24°R39	24°19	6°49	22°44	M19
T 20	3 58 29	28°16'18	12♊20	14°41	10°44	5°58	21°53	20° 7	8° 3	3°48	24°52	24°39	24°15	6°56	22°43	T 20
W21	4 2 26	29°16'52	24°46	16°15	11°55	6°41	22° 5	20°13	8° 3	3°47	24°52	24°38	24°12	7° 2	22°41	W21
T 22	4 6 22	0♐17'26	6♋59	17°48	13° 5	7°25	22°16	20°19	8° 2	3°45	24°52	24°38	24° 9	7° 9	22°39	T 22
F 23	4 10 19	1°18'03	19° 2	19°22	14°16	8° 8	22°28	20°25	8° 2	3°44	24°53	24°37	24° 6	7°16	22°37	F 23
S 24	4 14 15	2°18'41	0♌58	20°56	15°26	8°52	22°39	20°32	8° 1	3°42	24°53	24°36	24° 3	7°22	22°36	S 24
S 25	4 18 12	3°19'21	12°50	22°30	16°36	9°35	22°50	20°38	8° 0	3°41	24°54	24°35	23°59	7°29	22°34	S 25
M26	4 22 9	4°20'02	24°43	24° 5	17°46	10°19	23° 2	20°44	8° 0	3°39	24°54	24°34	23°56	7°36	22°32	M26
T 27	4 26 5	5°20'45	6♍40	25°39	18°56	11° 3	23°13	20°50	7°59	3°38	24°55	24°D34	23°53	7°43	22°29	T 27
W28	4 30 2	6°21'29	18°47	27°14	20° 6	11°46	23°24	20°56	7°58	3°37	24°55	24°34	23°50	7°49	22°27	W28
T 29	4 33 58	7°22'15	1♎ 8	28°48	21°16	12°30	23°35	21° 1	7°57	3°35	24°56	24°35	23°47	7°56	22°25	T 29
F 30	4 37 55	8♐23'03	13♎47	0♐22	22♑25	13♐14	23♎46	21♎ 7	7♌56	3♉34	24♒56	24♉36	23♉44	8♌ 3	22♋22	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	14s33	6n52	4n37	6s57	1n47	24s47	1s53	18s35	0s13	6s 3	1n 7	4s59	2n15	18n51	0n36	11n15	1s49	22s50	10s12	18n57	19n 5	23n44	14n36	6s59
F 2	14 52	1 14	3 57	6 57	1 55	24 55	1 55	18 46	0 14	6 7	1 7	5 1	2 15	18 50	0 36	11 14	1 49	22 50	10 12	18 56	19 4	23 43	14 35	6 59
S 3	15 11	4s36	3 4	7 3	2 2	25 3	1 57	18 57	0 14	6 12	1 7	5 4	2 15	18 50	0 36	11 14	1 49	22 49	10 12	18 56	19 3	23 42	14 35	7 0
S 4	15 29	10 23	2 0	7 13	2 7	25 10	2 0	19 8	0 15	6 17	1 7	5 6	2 15	18 50	0 36	11 13	1 49	22 49	10 12	18 55	19 2	23 40	14 34	7 1
M 5	15 48	15 49	0 48	7 28	2 11	25 17	2 2	19 19	0 16	6 21	1 7	5 9	2 15	18 50	0 36	11 13	1 49	22 49	10 11	18 55	19 2	23 39	14 33	7 1
T 6	16 6	20 32	0s28	7 46	2 13	25 22	2 4	19 30	0 16	6 26	1 7	5 11	2 15	18 50	0 36	11 12	1 49	22 49	10 11	18 55	19 1	23 37	14 33	7 2
W 7	16 23	24 10	1 44	8 7	2 14	25 27	2 6	19 40	0 17	6 31	1 7	5 14	2 15	18 50	0 36	11 12	1 49	22 49	10 11	18 55	19 0	23 36	14 32	7 3
T 8	16 41	26 19	2 54	8 31	2 14	25 31	2 8	19 51	0 17	6 35	1 7	5 16	2 15	18 50	0 36	11 11	1 49	22 49	10 11	18 55	18 59	23 35	14 31	7 3
F 9	16 58	26 46	3 54	8 58	2 13	25 35	2 10	20 1	0 18	6 40	1 7	5 19	2 16	18 50	0 36	11 11	1 49	22 48	10 11	18 56	18 58	23 33	14 31	7 4
S 10	17 15	25 26	4 40	9 26	2 12	25 38	2 12	20 11	0 19	6 44	1 7	5 21	2 16	18 50	0 36	11 10	1 49	22 48	10 10	18 56	18 58	23 32	14 30	7 5
S 11	17 31	22 28	5 8	9 56	2 9	25 40	2 14	20 21	0 19	6 49	1 7	5 24	2 16	18 50	0 36	11 10	1 49	22 48	10 10	18 56	18 57	23 30	14 30	7 5
M12	17 48	18 11	5 17	10 27	2 6	25 41	2 15	20 31	0 20	6 53	1 8	5 26	2 16	18 50	0 36	11 9	1 48	22 48	10 10	18 56	18 56	23 29	14 29	7 6
T 13	18 4	12 56	5 7	10 59	2 2	25 42	2 17	20 40	0 20	6 58	1 8	5 29	2 16	18 50	0 36	11 9	1 48	22 47	10 10	18 56	18 55	23 28	14 29	7 7
W14	18 19	7 5	4 39	11 32	1 58	25 41	2 18	20 50	0 21	7 2	1 8	5 31	2 16	18 50	0 37	11 8	1 48	22 47	10 10	18 56	18 55	23 26	14 28	7 7
T 15	18 35	0 57	3 56	12 6	1 53	25 41	2 20	20 59	0 21	7 7	1 8	5 33	2 16	18 50	0 37	11 8	1 48	22 47	10 9	18 56	18 54	23 25	14 28	7 8
F 16	18 50	5n 9	2 59	12 39	1 48	25 39	2 21	21 8	0 22	7 11	1 8	5 36	2 16	18 50	0 37	11 7	1 48	22 47	10 9	18 56	18 53	23 23	14 27	7 9
S 17	19 4	10 56	1 54	13 13	1 42	25 37	2 22	21 17	0 23	7 15	1 8	5 38	2 17	18 50	0 37	11 7	1 48	22 46	10 9	18 56	18 52	23 22	14 27	7 9
S 18	19 19	16 9	0 44	13 47	1 36	25 34	2 24	21 25	0 23	7 20	1 8	5 40	2 17	18 50	0 37	11 6	1 48	22 46	10 9	18 56	18 51	23 20	14 27	7 10
M19	19 33	20 32	0n28	14 21	1 30	25 30	2 25	21 34	0 24	7 24	1 8	5 42	2 17	18 50	0 37	11 6	1 48	22 46	10 8	18 56	18 51	23 19	14 26	7 11
T 20	19 46	23 52	1 36	14 54	1 24	25 25	2 26	21 42	0 24	7 28	1 8	5 45	2 17	18 51	0 37	11 5	1 48	22 45	10 8	18 56	18 50	23 17	14 26	7 11
W21	20 0	25 59	2 39	15 28	1 17	25 20	2 27	21 50	0 25	7 32	1 8	5 47	2 17	18 51	0 37	11 5	1 48	22 45	10 8	18 56	18 49	23 16	14 26	7 12
T 22	20 12	26 48	3 34	16 0	1 11	25 14	2 27	21 58	0 25	7 36	1 9	5 49	2 17	18 51	0 37	11 4	1 48	22 45	10 8	18 55	18 48	23 14	14 25	7 12
F 23	20 25	26 20	4 18	16 33	1 4	25 8	2 28	22 5	0 26	7 41	1 9	5 51	2 17	18 51	0 37	11 4	1 48	22 44	10 8	18 55	18 48	23 13	14 25	7 13
S 24	20 37	24 39	4 50	17 4	0 57	25 0	2 29	22 13	0 27	7 45	1 9	5 53	2 18	18 51	0 37	11 3	1 48	22 44	10 7	18 55	18 47	23 11	14 25	7 14
S 25	20 49	21 54	5 10	17 35	0 50	24 52	2 29	22 20	0 27	7 49	1 9	5 56	2 18	18 51	0 37	11 3	1 48	22 44	10 7	18 55	18 46	23 10	14 24	7 14
M26	21 0	18 15	5 17	18 6	0 43	24 44	2 30	22 27	0 28	7 53	1 9	5 58	2 18	18 52	0 37	11 2	1 48	22 43	10 7	18 55	18 45	23 8	14 24	7 15
T 27	21 11	13 51	5 10	18 35	0 36	24 34	2 30	22 34	0 28	7 57	1 9	6 0	2 18	18 52	0 37	11 2	1 48	22 43	10 7	18 55	18 44	23 7	14 24	7 15
W28	21 22	8 52	4 49	19 4	0 29	24 24	2 30	22 40	0 29	8 1	1 9	6 2	2 18	18 52	0 37	11 1	1 48	22 43	10 7	18 55	18 44	23 5	14 24	7 16
T 29	21 32	3 27	4 15	19 32	0 22	24 14	2 30	22 47	0 29	8 5	1 9	6 4	2 18	18 52	0 37	11 1	1 48	22 42	10 6	18 55	18 43	23 4	14 24	7 16
F 30	21s42	2s15	3n27	19s59	0n15	24s 2	2s30	22s53	0s30	8s 9	1n 9	6s 6	2n19	18n53	0n37	11n 1	1s48	22s42	10s 6	18n55	18n42	23n 2	14n23	7s17

Julian Day Number = 2466459.5, Delta T = 72.02 sec
Ecliptic obliquity = 23°26'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'39, Lahiri = 24°25'39

ASTRODIENST EPHEMERIS for the year 2040
geocentric

DECEMBER 2040 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 51	9♐23'51	26♎49	1♐57	23♑35	13♐58	23♎57	21♎13	7°R55	3°R33	24♒57	24♉38	23♉40	8♌ 9	22°R20	S 1
S 2	4 45 48	10°24'42	10♏14	3°31	24°44	14°42	24° 8	21°19	7♌54	3♉31	24°58	24°39	23°37	8°16	22♋17	S 2
M 3	4 49 44	11°25'33	24° 3	5° 5	25°54	15°26	24°18	21°24	7°53	3°30	24°58	24°R39	23°34	8°23	22°15	M 3
T 4	4 53 41	12°26'26	8♐14	6°39	27° 3	16°10	24°29	21°30	7°52	3°29	24°59	24°39	23°31	8°30	22°12	T 4
W 5	4 57 38	13°27'21	22°43	8°13	28°12	16°54	24°40	21°35	7°51	3°28	25° 0	24°37	23°28	8°36	22° 9	W 5
T 6	5 1 34	14°28'16	7♑24	9°48	29°21	17°38	24°50	21°41	7°50	3°27	25° 0	24°35	23°25	8°43	22° 7	T 6
F 7	5 5 31	15°29'12	22° 9	11°22	0♒29	18°23	25° 1	21°46	7°49	3°25	25° 1	24°32	23°21	8°50	22° 4	F 7
S 8	5 9 27	16°30'09	6♒52	12°56	1°38	19° 7	25°11	21°51	7°47	3°24	25° 2	24°29	23°18	8°57	22° 1	S 8
S 9	5 13 24	17°31'06	21°26	14°30	2°47	19°51	25°21	21°56	7°46	3°23	25° 3	24°27	23°15	9° 3	21°58	S 9
M10	5 17 20	18°32'04	5♓46	16° 4	3°55	20°36	25°31	22° 2	7°45	3°22	25° 4	24°25	23°12	9°10	21°55	M10
T 11	5 21 17	19°33'03	19°49	17°38	5° 3	21°20	25°41	22° 7	7°43	3°21	25° 4	24°D24	23° 9	9°17	21°51	T 11
W12	5 25 14	20°34'02	3♈35	19°13	6°11	22° 5	25°51	22°12	7°42	3°20	25° 5	24°25	23° 5	9°23	21°48	W12
T 13	5 29 10	21°35'02	17° 3	20°47	7°19	22°49	26° 1	22°16	7°40	3°19	25° 6	24°26	23° 2	9°30	21°45	T 13
F 14	5 33 7	22°36'02	0♉15	22°21	8°26	23°34	26°11	22°21	7°38	3°18	25° 7	24°28	22°59	9°37	21°42	F 14
S 15	5 37 3	23°37'03	13°13	23°56	9°34	24°18	26°20	22°26	7°37	3°17	25° 8	24°29	22°56	9°44	21°38	S 15
S 16	5 41 0	24°38'04	25°58	25°30	10°41	25° 3	26°30	22°31	7°35	3°16	25° 9	24°R30	22°53	9°50	21°35	S 16
M17	5 44 56	25°39'06	8♊32	27° 5	11°48	25°48	26°39	22°35	7°33	3°15	25°10	24°29	22°50	9°57	21°31	M17
T 18	5 48 53	26°40'09	20°55	28°40	12°55	26°33	26°49	22°40	7°32	3°14	25°11	24°26	22°46	10° 4	21°28	T 18
W19	5 52 49	27°41'12	3♋ 9	0♑15	14° 1	27°17	26°58	22°44	7°30	3°14	25°12	24°22	22°43	10°10	21°24	W19
T 20	5 56 46	28°42'16	15°15	1°50	15° 8	28° 2	27° 7	22°49	7°28	3°13	25°13	24°16	22°40	10°17	21°20	T 20
F 21	6 0 43	29°43'20	27°15	3°25	16°14	28°47	27°16	22°53	7°26	3°12	25°14	24° 9	22°37	10°24	21°17	F 21
S 22	6 4 39	0♑44'25	9♌ 9	5° 1	17°20	29°32	27°25	22°57	7°24	3°11	25°15	24° 2	22°34	10°31	21°13	S 22
S 23	6 8 36	1°45'31	21° 1	6°36	18°25	0♑17	27°33	23° 1	7°22	3°11	25°17	23°56	22°31	10°37	21° 9	S 23
M24	6 12 32	2°46'37	2♍52	8°12	19°31	1° 2	27°42	23° 5	7°20	3°10	25°18	23°50	22°27	10°44	21° 5	M24
T 25	6 16 29	3°47'44	14°48	9°48	20°36	1°47	27°51	23° 9	7°18	3° 9	25°19	23°46	22°24	10°51	21° 1	T 25
W26	6 20 25	4°48'51	26°51	11°25	21°41	2°33	27°59	23°13	7°16	3° 9	25°20	23°44	22°21	10°57	20°57	W26
T 27	6 24 22	5°49'59	9♎ 7	13° 1	22°45	3°18	28° 7	23°17	7°14	3° 8	25°21	23°D44	22°18	11° 4	20°53	T 27
F 28	6 28 18	6°51'08	21°41	14°38	23°50	4° 3	28°15	23°20	7°12	3° 7	25°23	23°45	22°15	11°11	20°49	F 28
S 29	6 32 15	7°52'17	4♏37	16°15	24°54	4°48	28°23	23°24	7°10	3° 7	25°24	23°46	22°11	11°18	20°45	S 29
S 30	6 36 12	8°53'26	17°58	17°52	25°57	5°34	28°31	23°28	7° 8	3° 6	25°25	23°R47	22° 8	11°24	20°41	S 30
M31	6 40 8	9♑54'36	1♐48	19♑29	27♒ 1	6♑19	28♎39	23♎31	7♌ 6	3♉ 6	25♒26	23♉47	22♉ 5	11♌31	20♋37	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	21s51	8s 2	2n28	20s25	0n 8	23s50	2s30	22s59	0s30	8s13	1n10	6s 8	2n19	18n53	0n37	11n 0	1s48	22s41	10s 6	18n55	18n41	23n 1	14n23	7s17
S 2	22 0	13 38	1 19	20 50	0 1	23 38	2 30	23 4	0 31	8 17	1 10	6 10	2 19	18 53	0 37	11 0	1 48	22 41	10 6	18 56	18 41	22 59	14 23	7 18
M 3	22 9	18 44	0 3	21 14	0s 6	23 24	2 29	23 10	0 32	8 20	1 10	6 12	2 19	18 54	0 37	10 59	1 48	22 41	10 6	18 56	18 40	22 57	14 23	7 19
T 4	22 17	22 54	1s14	21 37	0 12	23 10	2 29	23 15	0 32	8 24	1 10	6 13	2 19	18 54	0 37	10 59	1 48	22 40	10 5	18 56	18 39	22 56	14 23	7 19
W 5	22 25	25 43	2 29	21 59	0 19	22 56	2 28	23 20	0 33	8 28	1 10	6 15	2 20	18 54	0 37	10 59	1 48	22 40	10 5	18 55	18 38	22 54	14 23	7 20
T 6	22 32	26 48	3 34	22 20	0 26	22 41	2 27	23 25	0 33	8 32	1 10	6 17	2 20	18 55	0 37	10 58	1 48	22 39	10 5	18 55	18 37	22 53	14 23	7 20
F 7	22 39	25 59	4 26	22 40	0 32	22 25	2 26	23 29	0 34	8 35	1 10	6 19	2 20	18 55	0 37	10 58	1 48	22 39	10 5	18 54	18 37	22 51	14 23	7 20
S 8	22 45	23 23	5 0	22 59	0 39	22 9	2 25	23 34	0 34	8 39	1 10	6 21	2 20	18 55	0 37	10 58	1 48	22 38	10 5	18 53	18 36	22 49	14 23	7 21
S 9	22 51	19 18	5 14	23 17	0 45	21 52	2 24	23 38	0 35	8 43	1 11	6 22	2 20	18 56	0 37	10 57	1 48	22 38	10 4	18 53	18 35	22 48	14 23	7 21
M10	22 56	14 10	5 8	23 33	0 51	21 35	2 23	23 41	0 35	8 46	1 11	6 24	2 21	18 56	0 38	10 57	1 48	22 38	10 4	18 52	18 34	22 46	14 23	7 22
T 11	23 1	8 23	4 44	23 48	0 57	21 17	2 21	23 45	0 36	8 50	1 11	6 26	2 21	18 56	0 38	10 57	1 48	22 37	10 4	18 52	18 33	22 45	14 23	7 22
W12	23 6	2 18	4 4	24 2	1 3	20 59	2 20	23 48	0 36	8 53	1 11	6 28	2 21	18 57	0 38	10 56	1 48	22 37	10 4	18 52	18 33	22 43	14 23	7 23
T 13	23 10	3n45	3 11	24 15	1 8	20 40	2 18	23 51	0 37	8 56	1 11	6 29	2 21	18 57	0 38	10 56	1 47	22 36	10 4	18 53	18 32	22 41	14 23	7 23
F 14	23 14	9 33	2 9	24 27	1 14	20 21	2 16	23 54	0 38	9 0	1 11	6 31	2 21	18 58	0 38	10 56	1 47	22 36	10 3	18 53	18 31	22 40	14 23	7 24
S 15	23 17	14 50	1 1	24 37	1 19	20 1	2 14	23 57	0 38	9 3	1 11	6 32	2 22	18 58	0 38	10 55	1 47	22 35	10 3	18 53	18 30	22 38	14 23	7 24
S 16	23 20	19 22	0n 8	24 46	1 24	19 40	2 12	23 59	0 39	9 6	1 12	6 34	2 22	18 59	0 38	10 55	1 47	22 35	10 3	18 54	18 29	22 36	14 23	7 24
M17	23 22	22 58	1 16	24 53	1 29	19 20	2 10	24 1	0 39	9 10	1 12	6 35	2 22	18 59	0 38	10 55	1 47	22 34	10 3	18 53	18 29	22 35	14 23	7 25
T 18	23 24	25 26	2 19	25 0	1 34	18 58	2 8	24 3	0 40	9 13	1 12	6 37	2 22	19 0	0 38	10 55	1 47	22 34	10 3	18 53	18 28	22 33	14 24	7 25
W19	23 25	26 39	3 15	25 4	1 38	18 37	2 5	24 5	0 40	9 16	1 12	6 38	2 23	19 0	0 38	10 54	1 47	22 33	10 3	18 52	18 27	22 31	14 24	7 25
T 20	23 26	26 34	4 2	25 8	1 43	18 15	2 2	24 6	0 41	9 19	1 12	6 40	2 23	19 1	0 38	10 54	1 47	22 33	10 2	18 50	18 26	22 30	14 24	7 26
F 21	23 26	25 14	4 37	25 10	1 47	17 52	2 0	24 7	0 41	9 22	1 12	6 41	2 23	19 1	0 38	10 54	1 47	22 32	10 2	18 48	18 25	22 28	14 24	7 26
S 22	23 26	22 46	5 0	25 11	1 50	17 29	1 57	24 8	0 42	9 25	1 13	6 42	2 23	19 2	0 38	10 54	1 47	22 31	10 2	18 47	18 25	22 26	14 24	7 26
S 23	23 25	19 22	5 9	25 10	1 54	17 6	1 54	24 8	0 42	9 28	1 13	6 44	2 23	19 2	0 38	10 54	1 47	22 31	10 2	18 45	18 24	22 25	14 25	7 27
M24	23 24	15 12	5 6	25 8	1 57	16 43	1 50	24 8	0 43	9 31	1 13	6 45	2 24	19 3	0 38	10 53	1 47	22 30	10 2	18 44	18 23	22 23	14 25	7 27
T 25	23 23	10 26	4 49	25 4	2 0	16 19	1 47	24 8	0 43	9 34	1 13	6 46	2 24	19 3	0 38	10 53	1 47	22 30	10 2	18 43	18 22	22 21	14 25	7 27
W26	23 21	5 13	4 20	24 59	2 2	15 55	1 43	24 8	0 44	9 37	1 13	6 47	2 24	19 4	0 38	10 53	1 47	22 29	10 2	18 42	18 21	22 20	14 26	7 28
T 27	23 18	0s16	3 38	24 52	2 4	15 30	1 40	24 8	0 44	9 40	1 13	6 48	2 24	19 4	0 38	10 53	1 47	22 29	10 1	18 42	18 20	22 18	14 26	7 28
F 28	23 15	5 54	2 45	24 43	2 6	15 5	1 36	24 7	0 45	9 42	1 14	6 50	2 25	19 5	0 38	10 53	1 47	22 28	10 1	18 42	18 20	22 16	14 26	7 28
S 29	23 12	11 27	1 42	24 34	2 8	14 40	1 32	24 6	0 45	9 45	1 14	6 51	2 25	19 5	0 38	10 53	1 47	22 28	10 1	18 43	18 19	22 14	14 27	7 28
S 30	23 8	16 41	0 31	24 22	2 9	14 15	1 28	24 5	0 46	9 48	1 14	6 52	2 25	19 6	0 38	10 53	1 47	22 27	10 1	18 43	18 18	22 13	14 27	7 29
M31	23s 4	21s13	0s43	24s 9	2s10	13s49	1s23	24s 3	0s46	9s50	1n14	6s53	2n25	19n 7	0n38	10n52	1s47	22s26	10s 1	18n43	18n17	22n11	14n27	7s29

Julian Day Number = 2466489.5, Delta T = 72.04 sec
Ecliptic obliquity = 23°26'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°18'43, Lahiri = 24°25'43