Astrodienst Ephemeris Tables

for the year 2047

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 2047
geocentric

JANUARY 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 19	10♑28'06	4♓58	13♑20	29♑23	25♒ 8	10♈23	27♐22	6°R13	16°R44	3♓37	25♑16	26♑ 1	15♈43	23♎10	T 1
W 2	6 46 16	11°29'15	17° 8	14°57	0♒38	25°55	10°29	27°29	6♍12	16♉44	3°38	25°17	25°58	15°50	23°14	W 2
T 3	6 50 12	12°30'25	29° 8	16°35	1°53	26°42	10°34	27°36	6°10	16°43	3°39	25°18	25°55	15°57	23°18	T 3
F 4	6 54 9	13°31'34	11♈ 2	18°12	3° 8	27°28	10°40	27°43	6° 9	16°42	3°41	25°R18	25°52	16° 4	23°22	F 4
S 5	6 58 5	14°32'43	22°54	19°51	4°23	28°15	10°46	27°50	6° 8	16°41	3°42	25°18	25°48	16°10	23°26	S 5
S 6	7 2 2	15°33'52	4♉50	21°29	5°38	29° 2	10°53	27°57	6° 7	16°41	3°43	25°17	25°45	16°17	23°30	S 6
M 7	7 5 59	16°35'01	16°54	23° 8	6°53	29°49	10°59	28° 4	6° 5	16°40	3°44	25°17	25°42	16°24	23°33	M 7
T 8	7 9 55	17°36'09	29° 9	24°47	8° 8	0♓36	11° 6	28°11	6° 4	16°39	3°45	25°15	25°39	16°30	23°37	T 8
W 9	7 13 52	18°37'17	11♊40	26°26	9°23	1°22	11°13	28°17	6° 2	16°39	3°47	25°14	25°36	16°37	23°40	W 9
T 10	7 17 48	19°38'24	24°27	28° 6	10°38	2° 9	11°20	28°24	6° 1	16°38	3°48	25°14	25°33	16°44	23°44	T 10
F 11	7 21 45	20°39'31	7♋34	29°45	11°53	2°56	11°27	28°31	5°59	16°37	3°49	25°13	25°29	16°51	23°47	F 11
S 12	7 25 41	21°40'38	20°58	1♒25	13° 8	3°42	11°34	28°38	5°58	16°37	3°50	25°D13	25°26	16°57	23°50	S 12
S 13	7 29 38	22°41'45	4♌39	3° 5	14°23	4°29	11°42	28°44	5°56	16°36	3°52	25°13	25°23	17° 4	23°53	S 13
M14	7 33 35	23°42'51	18°34	4°45	15°38	5°16	11°49	28°51	5°54	16°36	3°53	25°13	25°20	17°11	23°56	M14
T 15	7 37 31	24°43'57	2♍40	6°25	16°52	6° 3	11°57	28°58	5°53	16°36	3°54	25°R13	25°17	17°18	23°59	T 15
W16	7 41 28	25°45'03	16°52	8° 4	18° 7	6°49	12° 5	29° 4	5°51	16°35	3°56	25°13	25°13	17°24	24° 1	W16
T 17	7 45 24	26°46'08	1♎ 8	9°44	19°22	7°36	12°13	29°11	5°49	16°35	3°57	25°13	25°10	17°31	24° 4	T 17
F 18	7 49 21	27°47'14	15°24	11°22	20°37	8°23	12°21	29°17	5°47	16°35	3°59	25°13	25° 7	17°38	24° 6	F 18
S 19	7 53 17	28°48'19	29°36	13° 0	21°52	9° 9	12°30	29°24	5°45	16°34	4° 0	25°D13	25° 4	17°44	24° 9	S 19
S 20	7 57 14	29°49'24	13♏43	14°37	23° 6	9°56	12°38	29°30	5°43	16°34	4° 1	25°13	25° 1	17°51	24°11	S 20
M21	8 1 10	0♒50'29	27°43	16°13	24°21	10°43	12°47	29°37	5°41	16°34	4° 3	25°13	24°58	17°58	24°13	M21
T 22	8 5 7	1°51'33	11♐35	17°47	25°36	11°29	12°55	29°43	5°39	16°34	4° 4	25°14	24°54	18° 5	24°15	T 22
W23	8 9 4	2°52'37	25°15	19°19	26°51	12°16	13° 4	29°50	5°37	16°34	4° 6	25°15	24°51	18°11	24°17	W23
T 24	8 13 0	3°53'41	8♑45	20°49	28° 5	13° 2	13°13	29°56	5°35	16°33	4° 7	25°15	24°48	18°18	24°18	T 24
F 25	8 16 57	4°54'43	22° 1	22°16	29°20	13°49	13°23	0♑ 2	5°33	16°33	4° 9	25°R16	24°45	18°25	24°20	F 25
S 26	8 20 53	5°55'46	5♒ 4	23°39	0♓34	14°35	13°32	0° 8	5°31	16°33	4°10	25°16	24°42	18°31	24°22	S 26
S 27	8 24 50	6°56'47	17°53	24°59	1°49	15°22	13°41	0°15	5°29	16°D33	4°12	25°15	24°39	18°38	24°23	S 27
M28	8 28 46	7°57'47	0♓27	26°13	3° 4	16° 9	13°51	0°21	5°26	16°33	4°13	25°13	24°35	18°45	24°24	M28
T 29	8 32 43	8°58'47	12°48	27°22	4°18	16°55	14° 1	0°27	5°24	16°33	4°15	25°11	24°32	18°52	24°25	T 29
W30	8 36 39	9°59'45	24°57	28°25	5°33	17°41	14°11	0°33	5°22	16°33	4°16	25° 9	24°29	18°58	24°26	W30
T 31	8 40 36	11♒ 0'42	6♈57	29♒20	6♓47	18♓28	14♈21	0♑39	5♍20	16♉34	4♓18	25♑ 7	24♑26	19♈ 5	24♎27	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	23s 1	6s33	3n22	24s41	1s55	21s42	1s27	14s11	1s 6	2n55	1s18	22s21	1n 4	9n58	0n47	15n 7	1s48	21s13	11s53	21s 5	20s56	10n51	10s28	1s34
W 2	22 56	1 15	4 9	24 33	1 58	21 27	1 28	13 54	1 6	2 57	1 18	22 21	1 4	9 58	0 47	15 7	1 47	21 12	11 53	21 5	20 57	10 54	10 29	1 34
T 3	22 51	4n 0	4 44	24 24	2 1	21 11	1 29	13 38	1 5	3 0	1 18	22 21	1 4	9 58	0 47	15 7	1 47	21 12	11 52	21 4	20 58	10 57	10 30	1 34
F 4	22 45	9 4	5 7	24 13	2 3	20 55	1 30	13 21	1 4	3 2	1 17	22 21	1 4	9 59	0 47	15 6	1 47	21 11	11 52	21 4	20 58	11 0	10 32	1 34
S 5	22 38	13 48	5 16	24 1	2 5	20 38	1 31	13 4	1 4	3 5	1 17	22 21	1 4	10 0	0 47	15 6	1 47	21 10	11 52	21 4	20 59	11 2	10 33	1 34
S 6	22 32	18 1	5 12	23 48	2 6	20 20	1 32	12 47	1 3	3 8	1 17	22 21	1 4	10 0	0 47	15 6	1 47	21 10	11 52	21 4	20 59	11 5	10 34	1 34
M 7	22 24	21 35	4 54	23 32	2 7	20 2	1 33	12 30	1 2	3 10	1 17	22 22	1 4	10 1	0 47	15 6	1 47	21 9	11 52	21 5	21 0	11 8	10 35	1 33
T 8	22 17	24 14	4 23	23 15	2 8	19 44	1 33	12 13	1 1	3 13	1 16	22 22	1 4	10 1	0 47	15 6	1 47	21 8	11 52	21 5	21 1	11 11	10 37	1 33
W 9	22 8	25 47	3 39	22 57	2 8	19 25	1 34	11 56	1 1	3 16	1 16	22 22	1 4	10 2	0 47	15 6	1 47	21 8	11 51	21 5	21 1	11 13	10 38	1 33
T 10	22 0	26 1	2 42	22 37	2 7	19 5	1 35	11 38	1 0	3 19	1 16	22 22	1 4	10 2	0 47	15 6	1 47	21 7	11 51	21 5	21 2	11 16	10 39	1 33
F 11	21 51	24 49	1 36	22 16	2 7	18 45	1 35	11 21	0 59	3 22	1 16	22 22	1 3	10 3	0 47	15 6	1 47	21 7	11 51	21 5	21 2	11 19	10 40	1 33
S 12	21 41	22 11	0 24	21 53	2 6	18 24	1 36	11 3	0 59	3 25	1 15	22 22	1 3	10 4	0 47	15 6	1 47	21 6	11 51	21 5	21 3	11 21	10 41	1 33
S 13	21 31	18 15	0s52	21 28	2 4	18 3	1 36	10 46	0 58	3 28	1 15	22 22	1 3	10 4	0 47	15 5	1 47	21 5	11 51	21 5	21 3	11 24	10 42	1 32
M14	21 21	13 16	2 6	21 2	2 1	17 41	1 36	10 28	0 57	3 32	1 15	22 22	1 3	10 5	0 48	15 5	1 47	21 5	11 51	21 5	21 4	11 27	10 43	1 32
T 15	21 10	7 31	3 13	20 35	1 59	17 18	1 36	10 10	0 57	3 35	1 15	22 22	1 3	10 6	0 48	15 5	1 47	21 4	11 50	21 5	21 5	11 30	10 44	1 32
W16	20 59	1 21	4 9	20 6	1 55	16 56	1 37	9 52	0 56	3 38	1 14	22 22	1 3	10 6	0 48	15 5	1 47	21 3	11 50	21 5	21 5	11 32	10 45	1 32
T 17	20 48	4s53	4 50	19 35	1 51	16 32	1 37	9 34	0 55	3 41	1 14	22 23	1 3	10 7	0 48	15 5	1 47	21 3	11 50	21 5	21 6	11 35	10 45	1 32
F 18	20 36	10 52	5 12	19 4	1 46	16 9	1 37	9 16	0 54	3 45	1 14	22 23	1 3	10 8	0 48	15 5	1 47	21 2	11 50	21 5	21 6	11 38	10 46	1 32
S 19	20 24	16 15	5 16	18 31	1 41	15 45	1 37	8 58	0 54	3 48	1 14	22 23	1 3	10 8	0 48	15 5	1 46	21 1	11 50	21 5	21 7	11 40	10 47	1 32
S 20	20 11	20 44	5 1	17 57	1 34	15 20	1 37	8 40	0 53	3 52	1 13	22 23	1 3	10 9	0 48	15 5	1 46	21 1	11 50	21 5	21 7	11 43	10 48	1 31
M21	19 58	23 59	4 28	17 22	1 27	14 55	1 36	8 21	0 52	3 55	1 13	22 23	1 3	10 10	0 48	15 5	1 46	21 0	11 50	21 5	21 8	11 46	10 48	1 31
T 22	19 45	25 47	3 39	16 46	1 20	14 30	1 36	8 3	0 52	3 59	1 13	22 23	1 3	10 11	0 48	15 5	1 46	21 0	11 50	21 5	21 9	11 48	10 49	1 31
W23	19 31	26 0	2 39	16 9	1 11	14 4	1 36	7 44	0 51	4 3	1 13	22 23	1 3	10 11	0 48	15 5	1 46	20 59	11 49	21 5	21 9	11 51	10 49	1 31
T 24	19 17	24 39	1 30	15 31	1 2	13 38	1 35	7 26	0 50	4 7	1 12	22 23	1 3	10 12	0 48	15 5	1 46	20 58	11 49	21 5	21 10	11 54	10 50	1 31
F 25	19 2	21 56	0 18	14 54	0 51	13 11	1 35	7 7	0 49	4 10	1 12	22 23	1 3	10 13	0 48	15 5	1 46	20 58	11 49	21 5	21 10	11 56	10 50	1 31
S 26	18 47	18 7	0n54	14 16	0 40	12 44	1 34	6 49	0 49	4 14	1 12	22 23	1 3	10 14	0 48	15 5	1 46	20 57	11 49	21 5	21 11	11 59	10 51	1 30
S 27	18 32	13 32	2 2	13 38	0 28	12 17	1 34	6 30	0 48	4 18	1 12	22 23	1 3	10 15	0 48	15 5	1 46	20 56	11 49	21 5	21 11	12 2	10 51	1 30
M28	18 16	8 28	3 3	13 1	0 15	11 49	1 33	6 11	0 47	4 22	1 11	22 23	1 3	10 15	0 48	15 5	1 46	20 56	11 49	21 5	21 12	12 4	10 51	1 30
T 29	18 0	3 9	3 53	12 24	0 1	11 22	1 32	5 53	0 46	4 26	1 11	22 23	1 3	10 16	0 48	15 5	1 46	20 55	11 49	21 6	21 13	12 7	10 52	1 30
W30	17 44	2n10	4 33	11 49	0n13	10 53	1 31	5 34	0 46	4 30	1 11	22 23	1 3	10 17	0 48	15 6	1 46	20 54	11 49	21 6	21 13	12 10	10 52	1 30
T 31	17s28	7n21	5n 0	11s15	0n28	10s25	1s30	5s15	0s45	4n34	1s11	22s23	1n 3	10n18	0n48	15n 6	1s46	20s54	11s49	21s 6	21s14	12n12	10s52	1s30

Julian Day Number = 2468711.5, Delta T = 73.72 sec
Ecliptic obliquity = 23°26'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°23'49, Lahiri = 24°30'49

ASTRODIENST EPHEMERIS for the year 2047
geocentric

FEBRUARY 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 33	12♒ 1'38	18♈51	0♓ 8	8♓ 2	19♓14	14♈31	0♑45	5°R17	16♉34	4♓19	25°R 5	24♑23	19♈12	24♎28	F 1
S 2	8 48 29	13° 2'33	0♉43	0°47	9°16	20° 1	14°41	0°51	5♍15	16°34	4°21	25♑ 3	24°19	19°19	24°29	S 2
S 3	8 52 26	14° 3'26	12°37	1°17	10°30	20°47	14°51	0°56	5°13	16°34	4°23	25°D 3	24°16	19°25	24°29	S 3
M 4	8 56 22	15° 4'19	24°39	1°36	11°45	21°33	15° 2	1° 2	5°10	16°35	4°24	25° 3	24°13	19°32	24°30	M 4
T 5	9 0 19	16° 5'09	6♊52	1°R45	12°59	22°20	15°12	1° 8	5° 8	16°35	4°26	25° 4	24°10	19°39	24°30	T 5
W 6	9 4 15	17° 5'59	19°22	1°42	14°13	23° 6	15°23	1°14	5° 5	16°35	4°27	25° 6	24° 7	19°45	24°30	W 6
T 7	9 8 12	18° 6'47	2♋12	1°29	15°28	23°52	15°34	1°19	5° 3	16°36	4°29	25° 7	24° 4	19°52	24°R30	T 7
F 8	9 12 8	19° 7'34	15°25	1° 5	16°42	24°39	15°45	1°25	5° 0	16°36	4°31	25° 9	24° 0	19°59	24°30	F 8
S 9	9 16 5	20° 8'19	29° 2	0°30	17°56	25°25	15°56	1°30	4°58	16°36	4°32	25°R 9	23°57	20° 6	24°30	S 9
S 10	9 20 2	21° 9'03	13♌ 2	29♒46	19°10	26°11	16° 7	1°36	4°55	16°37	4°34	25° 8	23°54	20°12	24°29	S 10
M11	9 23 58	22° 9'45	27°23	28°53	20°24	26°57	16°18	1°41	4°53	16°37	4°36	25° 5	23°51	20°19	24°29	M11
T 12	9 27 55	23°10'26	11♍58	27°54	21°38	27°43	16°29	1°46	4°50	16°38	4°37	25° 2	23°48	20°26	24°29	T 12
W13	9 31 51	24°11'06	26°41	26°49	22°52	28°29	16°40	1°52	4°48	16°39	4°39	24°58	23°45	20°33	24°28	W13
T 14	9 35 48	25°11'45	11♎25	25°41	24° 6	29°15	16°52	1°57	4°45	16°39	4°41	24°53	23°41	20°39	24°27	T 14
F 15	9 39 44	26°12'23	26° 1	24°31	25°20	0♈ 1	17° 4	2° 2	4°42	16°40	4°42	24°49	23°38	20°46	24°26	F 15
S 16	9 43 41	27°12'59	10♏26	23°22	26°34	0°47	17°15	2° 7	4°40	16°41	4°44	24°47	23°35	20°53	24°25	S 16
S 17	9 47 37	28°13'34	24°36	22°14	27°47	1°33	17°27	2°12	4°37	16°41	4°46	24°D46	23°32	20°59	24°24	S 17
M18	9 51 34	29°14'09	8♐29	21°11	29° 1	2°19	17°39	2°17	4°35	16°42	4°47	24°46	23°29	21° 6	24°23	M18
T 19	9 55 31	0♓14'42	22° 4	20°12	0♈15	3° 5	17°51	2°22	4°32	16°43	4°49	24°47	23°25	21°13	24°22	T 19
W20	9 59 27	1°15'14	5♑24	19°19	1°28	3°51	18° 3	2°26	4°29	16°44	4°51	24°49	23°22	21°20	24°20	W20
T 21	10 3 24	2°15'44	18°30	18°33	2°42	4°37	18°15	2°31	4°27	16°44	4°52	24°R50	23°19	21°26	24°18	T 21
F 22	10 7 20	3°16'13	1♒22	17°54	3°55	5°22	18°27	2°36	4°24	16°45	4°54	24°50	23°16	21°33	24°17	F 22
S 23	10 11 17	4°16'41	14° 3	17°22	5° 9	6° 8	18°39	2°40	4°22	16°46	4°56	24°48	23°13	21°40	24°15	S 23
S 24	10 15 13	5°17'07	26°34	16°58	6°22	6°54	18°52	2°45	4°19	16°47	4°57	24°44	23°10	21°46	24°13	S 24
M25	10 19 10	6°17'32	8♓55	16°41	7°36	7°39	19° 4	2°49	4°16	16°48	4°59	24°38	23° 6	21°53	24°11	M25
T 26	10 23 6	7°17'54	21° 6	16°31	8°49	8°25	19°17	2°53	4°14	16°49	5° 1	24°31	23° 3	22° 0	24° 9	T 26
W27	10 27 3	8°18'15	3♈10	16°D29	10° 2	9°11	19°29	2°58	4°11	16°50	5° 2	24°22	23° 0	22° 7	24° 7	W27
T 28	10 31 0	9♓18'34	15♈ 7	16♒33	11♈16	9♈56	19♈42	3♑ 2	4♍ 8	16♉51	5♓ 4	24♑13	22♑57	22♈13	24♎ 4	T 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
F 1	17s11	12n13	5n14	10s44	0n44	9s56	1s29	4s56	0s44	4n38	1s11	22s23	1n 3	10n19	0n48	15n 6	1s46	20s53	11s49	21s 7	21s14	12n15	10s52	1s29
S 2	16 54	16 37	5 14	10 15	1 1	9 27	1 28	4 37	0 43	4 42	1 10	22 23	1 3	10 20	0 48	15 6	1 46	20 52	11 49	21 7	21 15	12 18	10 52	1 29
S 3	16 36	20 23	5 1	9 48	1 18	8 58	1 27	4 18	0 43	4 46	1 10	22 23	1 3	10 21	0 48	15 6	1 46	20 52	11 49	21 7	21 15	12 20	10 52	1 29
M 4	16 19	23 22	4 34	9 26	1 35	8 29	1 26	3 59	0 42	4 51	1 10	22 23	1 3	10 22	0 48	15 6	1 45	20 51	11 48	21 7	21 16	12 23	10 52	1 29
T 5	16 1	25 19	3 55	9 7	1 52	7 59	1 25	3 40	0 41	4 55	1 10	22 23	1 3	10 22	0 48	15 6	1 45	20 50	11 48	21 7	21 16	12 26	10 52	1 29
W 6	15 42	26 4	3 4	8 52	2 9	7 29	1 23	3 21	0 40	4 59	1 9	22 22	1 3	10 23	0 48	15 6	1 45	20 50	11 48	21 7	21 17	12 28	10 52	1 29
T 7	15 24	25 28	2 3	8 41	2 25	6 59	1 22	3 2	0 40	5 4	1 9	22 22	1 3	10 24	0 48	15 7	1 45	20 49	11 48	21 6	21 18	12 31	10 52	1 28
F 8	15 5	23 26	0 53	8 35	2 41	6 29	1 20	2 43	0 39	5 8	1 9	22 22	1 3	10 25	0 48	15 7	1 45	20 48	11 48	21 6	21 18	12 34	10 52	1 28
S 9	14 46	20 0	0s21	8 34	2 55	5 59	1 19	2 24	0 38	5 12	1 9	22 22	1 3	10 26	0 48	15 7	1 45	20 48	11 48	21 6	21 19	12 36	10 51	1 28
S 10	14 27	15 21	1 37	8 37	3 8	5 28	1 17	2 5	0 37	5 17	1 9	22 22	1 3	10 27	0 48	15 7	1 45	20 47	11 48	21 6	21 19	12 39	10 51	1 28
M11	14 7	9 45	2 48	8 45	3 19	4 57	1 15	1 46	0 37	5 21	1 8	22 22	1 3	10 28	0 48	15 7	1 45	20 47	11 48	21 7	21 20	12 41	10 51	1 28
T 12	13 47	3 33	3 49	8 56	3 28	4 27	1 14	1 27	0 36	5 26	1 8	22 22	1 3	10 29	0 48	15 8	1 45	20 46	11 48	21 7	21 20	12 44	10 50	1 27
W13	13 27	2s54	4 35	9 12	3 36	3 56	1 12	1 8	0 35	5 30	1 8	22 22	1 3	10 30	0 48	15 8	1 45	20 45	11 48	21 8	21 21	12 47	10 50	1 27
T 14	13 7	9 10	5 4	9 30	3 40	3 25	1 10	0 49	0 34	5 35	1 8	22 22	1 3	10 31	0 48	15 8	1 45	20 45	11 48	21 9	21 21	12 49	10 49	1 27
F 15	12 47	14 53	5 12	9 51	3 43	2 54	1 8	0 30	0 34	5 39	1 8	22 22	1 3	10 32	0 48	15 8	1 45	20 44	11 48	21 10	21 22	12 52	10 49	1 27
S 16	12 26	19 42	5 1	10 13	3 42	2 22	1 6	0 11	0 33	5 44	1 8	22 22	1 3	10 33	0 48	15 9	1 45	20 43	11 48	21 10	21 23	12 54	10 48	1 27
S 17	12 5	23 18	4 31	10 37	3 40	1 51	1 4	0n 7	0 32	5 49	1 7	22 22	1 3	10 34	0 48	15 9	1 45	20 43	11 48	21 10	21 23	12 57	10 48	1 26
M18	11 44	25 26	3 46	11 2	3 36	1 20	1 1	0 26	0 31	5 53	1 7	22 22	1 3	10 35	0 48	15 9	1 45	20 42	11 48	21 10	21 24	13 0	10 47	1 26
T 19	11 23	26 1	2 49	11 26	3 29	0 48	0 59	0 45	0 31	5 58	1 7	22 21	1 3	10 36	0 48	15 9	1 45	20 41	11 48	21 10	21 24	13 2	10 46	1 26
W20	11 2	25 3	1 44	11 50	3 21	0 17	0 57	1 4	0 30	6 3	1 7	22 21	1 3	10 37	0 48	15 10	1 45	20 41	11 48	21 10	21 25	13 5	10 46	1 26
T 21	10 40	22 44	0 34	12 13	3 12	0n14	0 54	1 23	0 29	6 8	1 7	22 21	1 3	10 38	0 48	15 10	1 44	20 40	11 48	21 9	21 25	13 7	10 45	1 26
F 22	10 18	19 16	0n36	12 35	3 1	0 46	0 52	1 42	0 28	6 12	1 7	22 21	1 3	10 39	0 48	15 10	1 44	20 40	11 48	21 9	21 26	13 10	10 44	1 25
S 23	9 56	14 58	1 43	12 56	2 50	1 17	0 50	2 1	0 28	6 17	1 6	22 21	1 3	10 40	0 48	15 11	1 44	20 39	11 48	21 10	21 26	13 12	10 43	1 25
S 24	9 34	10 6	2 43	13 15	2 37	1 49	0 47	2 19	0 27	6 22	1 6	22 21	1 3	10 41	0 48	15 11	1 44	20 38	11 48	21 10	21 27	13 15	10 42	1 25
M25	9 12	4 54	3 36	13 32	2 25	2 20	0 44	2 38	0 26	6 27	1 6	22 21	1 4	10 41	0 48	15 11	1 44	20 38	11 48	21 12	21 27	13 18	10 41	1 25
T 26	8 50	0n25	4 17	13 47	2 12	2 51	0 42	2 57	0 25	6 32	1 6	22 21	1 4	10 42	0 48	15 12	1 44	20 37	11 48	21 13	21 28	13 20	10 40	1 25
W27	8 27	5 39	4 47	14 1	1 58	3 23	0 39	3 15	0 25	6 37	1 6	22 21	1 4	10 43	0 48	15 12	1 44	20 37	11 48	21 14	21 28	13 23	10 39	1 24
T 28	8s 5	10n37	5n 4	14s12	1n45	3n54	0s36	3n34	0s24	6n41	1s 6	22s20	1n 4	10n44	0n48	15n12	1s44	20s36	11s49	21s16	21s29	13n25	10s38	1s24

Julian Day Number = 2468742.5, Delta T = 73.74 sec
Ecliptic obliquity = 23°26'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°23'53, Lahiri = 24°30'54

ASTRODIENST EPHEMERIS for the year 2047
geocentric

MARCH 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 34 56	10♓18'52	27♈ 0	16♒43	12♈29	10♈42	19♈55	3♉ 6	4°R 6	16♉52	5♓ 6	24°R 5	22♉54	22♈20	24°R 2	F 1
S 2	10 38 53	11°19'07	8♉51	17° 0	13°42	11°27	20° 7	3°10	4♍ 3	16°54	5° 7	23♉58	22°50	22°27	24♎ 0	S 2
S 3	10 42 49	12°19'21	20°44	17°21	14°55	12°13	20°20	3°14	4° 1	16°55	5° 9	23°54	22°47	22°34	23°57	S 3
M 4	10 46 46	13°19'32	2♊42	17°48	16° 8	12°58	20°33	3°18	3°58	16°56	5°11	23°51	22°44	22°40	23°54	M 4
T 5	10 50 42	14°19'41	14°52	18°20	17°21	13°43	20°46	3°21	3°55	16°57	5°12	23°D50	22°41	22°47	23°51	T 5
W 6	10 54 39	15°19'49	27°17	18°56	18°33	14°29	20°59	3°25	3°53	16°58	5°14	23°51	22°38	22°54	23°49	W 6
T 7	10 58 35	16°19'54	10♋ 2	19°37	19°46	15°14	21°12	3°29	3°50	17° 0	5°16	23°52	22°35	23° 0	23°46	T 7
F 8	11 2 32	17°19'57	23°12	20°21	20°59	15°59	21°26	3°32	3°48	17° 1	5°17	23°R53	22°31	23° 7	23°42	F 8
S 9	11 6 29	18°19'58	6♌50	21° 9	22°11	16°44	21°39	3°36	3°45	17° 2	5°19	23°52	22°28	23°14	23°39	S 9
S 10	11 10 25	19°19'57	20°56	22° 0	23°24	17°29	21°52	3°39	3°43	17° 4	5°21	23°49	22°25	23°21	23°36	S 10
M11	11 14 22	20°19'54	5♍29	22°55	24°36	18°14	22° 5	3°42	3°40	17° 5	5°22	23°44	22°22	23°27	23°33	M11
T 12	11 18 18	21°19'49	20°23	23°52	25°49	18°59	22°19	3°45	3°38	17° 6	5°24	23°36	22°19	23°34	23°29	T 12
W13	11 22 15	22°19'41	5♎30	24°52	27° 1	19°44	22°32	3°48	3°35	17° 8	5°25	23°27	22°16	23°41	23°26	W13
T 14	11 26 11	23°19'32	20°39	25°55	28°13	20°29	22°46	3°51	3°33	17° 9	5°27	23°18	22°12	23°47	23°22	T 14
F 15	11 30 8	24°19'21	5♏40	27° 0	29°25	21°14	22°59	3°54	3°30	17°11	5°29	23°10	22° 9	23°54	23°19	F 15
S 16	11 34 4	25°19'09	20°26	28° 7	0♉37	21°59	23°13	3°57	3°28	17°12	5°30	23° 3	22° 6	24° 1	23°15	S 16
S 17	11 38 1	26°18'55	4♐49	29°17	1°49	22°44	23°27	4° 0	3°26	17°14	5°32	22°59	22° 3	24° 8	23°11	S 17
M18	11 41 57	27°18'39	18°47	0♓29	3° 1	23°29	23°40	4° 2	3°23	17°16	5°33	22°57	22° 0	24°14	23° 7	M18
T 19	11 45 54	28°18'22	2♑22	1°42	4°13	24°13	23°54	4° 5	3°21	17°17	5°35	22°D57	21°56	24°21	23° 3	T 19
W20	11 49 51	29°18'03	15°34	2°58	5°25	24°58	24° 8	4° 7	3°19	17°19	5°37	22°57	21°53	24°28	22°59	W20
T 21	11 53 47	0♈17'42	28°27	4°15	6°36	25°43	24°22	4°10	3°16	17°20	5°38	22°R57	21°50	24°35	22°55	T 21
F 22	11 57 44	1°17'19	11♒ 4	5°35	7°48	26°27	24°35	4°12	3°14	17°22	5°40	22°56	21°47	24°41	22°51	F 22
S 23	12 1 40	2°16'55	23°29	6°56	8°59	27°12	24°49	4°14	3°12	17°24	5°41	22°52	21°44	24°48	22°47	S 23
S 24	12 5 37	3°16'28	5♓44	8°18	10°11	27°56	25° 3	4°16	3°10	17°26	5°43	22°45	21°41	24°55	22°43	S 24
M25	12 9 33	4°16'00	17°52	9°42	11°22	28°41	25°17	4°18	3° 8	17°27	5°44	22°35	21°37	25° 1	22°38	M25
T 26	12 13 30	5°15'30	29°53	11° 8	12°33	29°25	25°31	4°20	3° 5	17°29	5°46	22°23	21°34	25° 8	22°34	T 26
W27	12 17 26	6°14'58	11♈50	12°35	13°44	0♉10	25°45	4°22	3° 3	17°31	5°47	22° 9	21°31	25°15	22°30	W27
T 28	12 21 23	7°14'23	23°44	14° 4	14°55	0°54	25°59	4°23	3° 1	17°33	5°49	21°55	21°28	25°22	22°25	T 28
F 29	12 25 20	8°13'47	5♉36	15°34	16° 6	1°38	26°13	4°25	2°59	17°34	5°50	21°42	21°25	25°28	22°21	F 29
S 30	12 29 16	9°13'08	17°27	17° 5	17°17	2°22	26°27	4°27	2°57	17°36	5°52	21°31	21°22	25°35	22°16	S 30
S 31	12 33 13	10♈12'28	29♉21	18♓38	18♉28	3♉ 7	26♈42	4♉28	2♍55	17♉38	5♓53	21♉22	21♉18	25♈42	22♎12	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	7s42	15n10	5n 7	14s22	1n31	4n25	0s34	3n53	0s23	6n46	1s 5	22s20	1n 4	10n45	0n48	15n13	1s44	20s36	11s49	21s17	21s30	13n28	10s37	1s24	F 1
S 2	7 19	19 8	4 57	14 30	1 18	4 56	0 31	4 11	0 23	6 51	1 5	22 20	1 4	10 46	0 48	15 13	1 44	20 35	11 49	21 19	21 30	13 30	10 36	1 24	S 2
S 3	6 56	22 21	4 35	14 36	1 5	5 27	0 28	4 29	0 22	6 56	1 5	22 20	1 4	10 47	0 48	15 13	1 44	20 34	11 49	21 19	21 31	13 33	10 35	1 23	S 3
M 4	6 33	24 37	4 0	14 40	0 52	5 58	0 25	4 48	0 21	7 1	1 5	22 20	1 4	10 48	0 48	15 14	1 44	20 34	11 49	21 20	21 31	13 35	10 34	1 23	M 4
T 5	6 10	25 47	3 14	14 42	0 40	6 28	0 22	5 6	0 20	7 6	1 5	22 20	1 4	10 49	0 48	15 14	1 44	20 33	11 49	21 20	21 32	13 38	10 32	1 23	T 5
W 6	5 47	25 42	2 18	14 42	0 27	6 59	0 19	5 24	0 20	7 11	1 5	22 20	1 4	10 50	0 48	15 15	1 44	20 33	11 49	21 20	21 32	13 40	10 31	1 23	W 6
T 7	5 24	24 17	1 14	14 41	0 16	7 29	0 16	5 42	0 19	7 16	1 5	22 20	1 4	10 51	0 48	15 15	1 44	20 32	11 49	21 20	21 33	13 43	10 30	1 22	T 7
F 8	5 0	21 30	0 4	14 38	0 4	7 59	0 13	6 1	0 18	7 21	1 4	22 19	1 4	10 52	0 48	15 15	1 44	20 32	11 49	21 19	21 33	13 45	10 28	1 22	F 8
S 9	4 37	17 27	1s 9	14 33	0s 7	8 29	0 10	6 19	0 17	7 26	1 4	22 19	1 4	10 53	0 48	15 16	1 44	20 31	11 49	21 20	21 34	13 48	10 27	1 22	S 9
S 10	4 13	12 18	2 20	14 27	0 18	8 59	0 6	6 36	0 17	7 32	1 4	22 19	1 4	10 54	0 48	15 16	1 43	20 31	11 49	21 20	21 34	13 50	10 25	1 22	S 10
M11	3 50	6 20	3 23	14 19	0 28	9 29	0 3	6 54	0 16	7 37	1 4	22 19	1 4	10 55	0 48	15 17	1 43	20 30	11 50	21 21	21 35	13 53	10 24	1 21	M11
T 12	3 26	0s 6	4 15	14 10	0 38	9 58	0n 0	7 12	0 15	7 42	1 4	22 19	1 4	10 55	0 48	15 17	1 43	20 30	11 50	21 22	21 35	13 55	10 22	1 21	T 12
W13	3 3	6 37	4 49	13 59	0 47	10 28	0 3	7 30	0 14	7 47	1 4	22 19	1 4	10 56	0 48	15 18	1 43	20 29	11 50	21 24	21 36	13 58	10 21	1 21	W13
T 14	2 39	12 45	5 4	13 46	0 56	10 57	0 7	7 47	0 14	7 52	1 4	22 19	1 4	10 57	0 48	15 18	1 43	20 29	11 50	21 25	21 36	14 0	10 19	1 20	T 14
F 15	2 15	18 4	4 57	13 32	1 5	11 25	0 10	8 5	0 13	7 57	1 4	22 19	1 4	10 58	0 48	15 19	1 43	20 28	11 50	21 27	21 37	14 3	10 18	1 20	F 15
S 16	1 52	22 11	4 30	13 16	1 13	11 54	0 13	8 22	0 12	8 2	1 3	22 18	1 4	10 59	0 48	15 19	1 43	20 28	11 50	21 28	21 37	14 5	10 16	1 20	S 16
S 17	1 28	24 49	3 47	12 59	1 21	12 22	0 17	8 40	0 12	8 7	1 3	22 18	1 4	11 0	0 48	15 20	1 43	20 27	11 50	21 29	21 38	14 8	10 14	1 20	S 17
M18	1 4	25 48	2 51	12 41	1 28	12 50	0 20	8 57	0 11	8 12	1 3	22 18	1 4	11 1	0 48	15 20	1 43	20 27	11 50	21 29	21 38	14 10	10 13	1 19	M18
T 19	0 40	25 12	1 47	12 21	1 35	13 17	0 23	9 14	0 10	8 18	1 3	22 18	1 4	11 1	0 48	15 20	1 43	20 26	11 51	21 29	21 39	14 13	10 11	1 19	T 19
W20	0 17	23 11	0 39	12 0	1 42	13 45	0 27	9 31	0 9	8 23	1 3	22 18	1 4	11 2	0 48	15 21	1 43	20 26	11 51	21 29	21 39	14 15	10 9	1 19	W20
T 21	0n 7	19 59	0n29	11 37	1 48	14 12	0 30	9 48	0 9	8 28	1 3	22 18	1 4	11 3	0 48	15 22	1 43	20 25	11 51	21 29	21 40	14 18	10 7	1 18	T 21
F 22	0 31	15 56	1 35	11 13	1 53	14 38	0 34	10 5	0 8	8 33	1 3	22 18	1 4	11 4	0 48	15 22	1 43	20 25	11 51	21 29	21 40	14 20	10 6	1 18	F 22
S 23	0 54	11 15	2 35	10 48	1 58	15 5	0 37	10 22	0 7	8 38	1 3	22 18	1 4	11 5	0 48	15 23	1 43	20 25	11 51	21 30	21 41	14 23	10 4	1 18	S 23
S 24	1 18	6 13	3 26	10 21	2 3	15 31	0 41	10 38	0 7	8 43	1 3	22 18	1 4	11 5	0 48	15 23	1 43	20 24	11 51	21 31	21 41	14 25	10 2	1 17	S 24
M25	1 42	1 0	4 8	9 53	2 7	15 56	0 44	10 55	0 6	8 49	1 3	22 17	1 4	11 6	0 48	15 24	1 43	20 24	11 52	21 33	21 42	14 28	10 0	1 17	M25
T 26	2 5	4n12	4 38	9 24	2 11	16 22	0 48	11 11	0 5	8 54	1 2	22 17	1 4	11 7	0 48	15 24	1 43	20 23	11 52	21 35	21 42	14 30	9 58	1 17	T 26
W27	2 29	9 13	4 55	8 54	2 14	16 46	0 51	11 27	0 5	8 59	1 2	22 17	1 4	11 8	0 48	15 25	1 43	20 23	11 52	21 37	21 43	14 32	9 56	1 17	W27
T 28	2 52	13 51	5 0	8 23	2 17	17 11	0 55	11 43	0 4	9 4	1 2	22 17	1 5	11 8	0 48	15 25	1 43	20 23	11 52	21 39	21 43	14 35	9 54	1 16	T 28
F 29	3 16	17 58	4 52	7 50	2 19	17 35	0 58	11 59	0 3	9 9	1 2	22 17	1 5	11 9	0 48	15 26	1 43	20 22	11 52	21 41	21 44	14 37	9 52	1 16	F 29
S 30	3 39	21 22	4 31	7 16	2 21	17 58	1 2	12 15	0 2	9 14	1 2	22 17	1 5	11 10	0 48	15 26	1 43	20 22	11 53	21 43	21 44	14 40	9 50	1 16	S 30
S 31	4n 2	23n52	3n58	6s41	2s23	18n22	1n 5	12n31	0s 2	9n20	1s 2	22s17	1n 5	11n10	0n48	15n27	1s43	20s21	11s53	21s44	21s45	14n42	9s48	1s15	S 31

Julian Day Number = 2468770.5, Delta T = 73.76 sec
Ecliptic obliquity = 23°26'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°23'57, Lahiri = 24°30'57

ASTRODIENST EPHEMERIS for the year 2047
geocentric

APRIL 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 9	11♈11'45	11♊19	20♓13	19♉38	3♉51	26♈56	4♑29	2°R54	17♉40	5♓54	21°R16	21♑15	25♈49	22°R 7	M 1
T 2	12 41 6	12°11'00	23°27	21°49	20°49	4°35	27°10	4°30	2♍52	17°42	5°56	21♑13	21°12	25°55	22♎ 3	T 2
W 3	12 45 2	13°10'12	5♋49	23°26	21°59	5°19	27°24	4°31	2°50	17°44	5°57	21°11	21° 9	26° 2	21°58	W 3
T 4	12 48 59	14° 9'23	18°29	25° 5	23° 9	6° 3	27°38	4°32	2°48	17°46	5°59	21°11	21° 6	26° 9	21°54	T 4
F 5	12 52 55	15° 8'31	1♌33	26°45	24°19	6°47	27°53	4°33	2°46	17°48	6° 0	21°11	21° 2	26°15	21°49	F 5
S 6	12 56 52	16° 7'36	15° 4	28°27	25°29	7°31	28° 7	4°34	2°45	17°50	6° 1	21°10	20°59	26°22	21°44	S 6
S 7	13 0 49	17° 6'39	29° 4	0♈10	26°39	8°14	28°21	4°35	2°43	17°52	6° 3	21° 6	20°56	26°29	21°39	S 7
M 8	13 4 45	18° 5'40	13♍34	1°54	27°49	8°58	28°36	4°35	2°41	17°54	6° 4	20°59	20°53	26°36	21°35	M 8
T 9	13 8 42	19° 4'39	28°30	3°40	28°59	9°42	28°50	4°36	2°40	17°56	6° 5	20°51	20°50	26°42	21°30	T 9
W10	13 12 38	20° 3'35	13♎43	5°28	0♊ 8	10°25	29° 4	4°36	2°38	17°58	6° 7	20°40	20°47	26°49	21°25	W10
T 11	13 16 35	21° 2'30	29° 5	7°16	1°18	11° 9	29°19	4°37	2°37	18° 0	6° 8	20°29	20°43	26°56	21°21	T 11
F 12	13 20 31	22° 1'23	14♏22	9° 7	2°27	11°53	29°33	4°37	2°35	18° 2	6° 9	20°18	20°40	27° 2	21°16	F 12
S 13	13 24 28	23° 0'13	29°23	10°59	3°36	12°36	29°47	4°R37	2°34	18° 4	6°10	20°10	20°37	27° 9	21°11	S 13
S 14	13 28 24	23°59'02	14♐ 2	12°52	4°45	13°20	0♉ 2	4°37	2°33	18° 6	6°12	20° 4	20°34	27°16	21° 7	S 14
M15	13 32 21	24°57'50	28°13	14°47	5°54	14° 3	0°16	4°37	2°31	18° 8	6°13	20° 1	20°31	27°23	21° 2	M15
T 16	13 36 18	25°56'35	11♑55	16°44	7° 2	14°46	0°31	4°37	2°30	18°10	6°14	19°59	20°27	27°29	20°57	T 16
W17	13 40 14	26°55'19	25°10	18°42	8°11	15°30	0°45	4°36	2°29	18°12	6°15	19°59	20°24	27°36	20°52	W17
T 18	13 44 11	27°54'01	8♒ 2	20°41	9°19	16°13	0°59	4°36	2°28	18°14	6°16	19°59	20°21	27°43	20°48	T 18
F 19	13 48 7	28°52'42	20°34	22°42	10°27	16°56	1°14	4°35	2°26	18°17	6°17	19°58	20°18	27°50	20°43	F 19
S 20	13 52 4	29°51'21	2♓52	24°44	11°35	17°39	1°28	4°35	2°25	18°19	6°19	19°54	20°15	27°56	20°38	S 20
S 21	13 56 0	0♉49'58	14°59	26°47	12°43	18°23	1°43	4°34	2°24	18°21	6°20	19°47	20°12	28° 3	20°34	S 21
M22	13 59 57	1°48'33	26°58	28°52	13°51	19° 6	1°57	4°33	2°23	18°23	6°21	19°38	20° 8	28°10	20°29	M22
T 23	14 3 53	2°47'06	8♈53	0♉58	14°59	19°49	2°11	4°32	2°23	18°25	6°22	19°26	20° 5	28°16	20°25	T 23
W24	14 7 50	3°45'38	20°45	3° 5	16° 6	20°32	2°26	4°31	2°22	18°27	6°23	19°13	20° 2	28°23	20°20	W24
T 25	14 11 46	4°44'08	2♉37	5°12	17°13	21°15	2°40	4°30	2°21	18°30	6°24	18°59	19°59	28°30	20°16	T 25
F 26	14 15 43	5°42'36	14°30	7°20	18°21	21°58	2°55	4°29	2°20	18°32	6°25	18°46	19°56	28°37	20°11	F 26
S 27	14 19 40	6°41'03	26°24	9°29	19°27	22°40	3° 9	4°28	2°19	18°34	6°26	18°34	19°53	28°43	20° 7	S 27
S 28	14 23 36	7°39'27	8♊22	11°38	20°34	23°23	3°24	4°27	2°19	18°36	6°27	18°25	19°49	28°50	20° 3	S 28
M29	14 27 33	8°37'49	20°26	13°46	21°41	24° 6	3°38	4°25	2°18	18°39	6°28	18°19	19°46	28°57	19°58	M29
T 30	14 31 29	9♉36'10	2♋39	15♉55	22♊47	24♉49	3♉52	4♑24	2♍18	18♉41	6♓29	18♑16	19♑43	29♈ 3	19♎54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	4n26	25n20	3n14	6s 5	2s24	18n44	1n 9	12n47	0s 1	9n25	1s 2	22s17	1n 5	11n11	0n48	15n27	1s43	20s21	11s53	21s45	21s45	14n45	9s46	1s15	M 1
T 2	4 49	25 37	2 21	5 27	2 24	19 7	1 12	13 2	0 0	9 30	1 2	22 17	1 5	11 12	0 48	15 28	1 42	20 21	11 53	21 46	21 46	14 47	9 44	1 14	T 2
W 3	5 12	24 39	1 20	4 49	2 24	19 28	1 15	13 18	0n 0	9 35	1 2	22 17	1 5	11 12	0 48	15 29	1 42	20 20	11 53	21 46	21 46	14 49	9 42	1 14	W 3
T 4	5 35	22 24	0 14	4 9	2 24	19 50	1 19	13 33	0 1	9 40	1 2	22 17	1 5	11 13	0 48	15 29	1 42	20 20	11 54	21 46	21 47	14 52	9 40	1 14	T 4
F 5	5 58	18 55	0s55	3 29	2 23	20 11	1 22	13 48	0 2	9 46	1 2	22 17	1 5	11 14	0 48	15 30	1 42	20 20	11 54	21 46	21 47	14 54	9 38	1 13	F 5
S 6	6 21	14 22	2 3	2 47	2 21	20 31	1 26	14 3	0 2	9 51	1 2	22 17	1 5	11 14	0 48	15 30	1 42	20 19	11 54	21 46	21 48	14 57	9 36	1 13	S 6
S 7	6 43	8 54	3 6	2 4	2 19	20 51	1 29	14 18	0 3	9 56	1 1	22 16	1 5	11 15	0 48	15 31	1 42	20 19	11 54	21 47	21 48	14 59	9 34	1 13	S 7
M 8	7 6	2 47	3 59	1 20	2 17	21 10	1 32	14 32	0 4	10 1	1 1	22 16	1 5	11 15	0 48	15 31	1 42	20 19	11 54	21 48	21 49	15 1	9 32	1 12	M 8
T 9	7 28	3s39	4 38	0 36	2 14	21 29	1 36	14 47	0 4	10 6	1 1	22 16	1 5	11 16	0 48	15 32	1 42	20 19	11 55	21 49	21 49	15 4	9 30	1 12	T 9
W10	7 50	9 59	4 58	0n10	2 11	21 47	1 39	15 1	0 5	10 11	1 1	22 16	1 5	11 16	0 48	15 33	1 42	20 18	11 55	21 51	21 50	15 6	9 28	1 12	W10
T 11	8 13	15 46	4 57	0 57	2 7	22 5	1 42	15 16	0 6	10 16	1 1	22 16	1 5	11 17	0 48	15 33	1 42	20 18	11 55	21 52	21 50	15 8	9 25	1 11	T 11
F 12	8 35	20 30	4 34	1 44	2 2	22 22	1 45	15 30	0 6	10 21	1 1	22 16	1 5	11 17	0 47	15 34	1 42	20 18	11 55	21 54	21 51	15 11	9 23	1 11	F 12
S 13	8 56	23 49	3 53	2 33	1 57	22 39	1 48	15 44	0 7	10 27	1 1	22 16	1 5	11 18	0 47	15 34	1 42	20 18	11 56	21 55	21 51	15 13	9 21	1 10	S 13
S 14	9 18	25 25	2 58	3 22	1 52	22 55	1 52	15 57	0 8	10 32	1 1	22 16	1 5	11 18	0 47	15 35	1 42	20 17	11 56	21 56	21 52	15 16	9 19	1 10	S 14
M15	9 40	25 18	1 52	4 12	1 46	23 10	1 55	16 11	0 8	10 37	1 1	22 16	1 5	11 19	0 47	15 36	1 42	20 17	11 56	21 57	21 52	15 18	9 17	1 10	M15
T 16	10 1	23 36	0 43	5 2	1 40	23 25	1 58	16 24	0 9	10 42	1 1	22 16	1 5	11 19	0 47	15 36	1 42	20 17	11 57	21 57	21 53	15 20	9 15	1 9	T 16
W17	10 22	20 39	0n27	5 54	1 33	23 39	2 1	16 38	0 10	10 47	1 1	22 16	1 5	11 20	0 47	15 37	1 42	20 17	11 57	21 57	21 53	15 23	9 13	1 9	W17
T 18	10 44	16 45	1 34	6 45	1 25	23 53	2 4	16 51	0 10	10 52	1 1	22 16	1 5	11 20	0 47	15 37	1 42	20 17	11 57	21 57	21 54	15 25	9 11	1 9	T 18
F 19	11 4	12 12	2 34	7 38	1 17	24 6	2 6	17 4	0 11	10 57	1 1	22 16	1 5	11 20	0 47	15 38	1 42	20 16	11 57	21 57	21 54	15 27	9 8	1 8	F 19
S 20	11 25	7 15	3 26	8 30	1 9	24 18	2 9	17 17	0 11	11 2	1 1	22 16	1 5	11 21	0 47	15 39	1 42	20 16	11 58	21 58	21 54	15 30	9 6	1 8	S 20
S 21	11 46	2 7	4 7	9 23	1 0	24 30	2 12	17 29	0 12	11 7	1 1	22 16	1 5	11 21	0 47	15 39	1 42	20 16	11 58	21 59	21 55	15 32	9 4	1 7	S 21
M22	12 6	3n 2	4 37	10 16	0 51	24 41	2 15	17 42	0 13	11 12	1 1	22 16	1 5	11 21	0 47	15 40	1 42	20 16	11 58	22 0	21 55	15 34	9 2	1 7	M22
T 23	12 26	8 2	4 55	11 9	0 42	24 52	2 17	17 54	0 13	11 17	1 1	22 16	1 5	11 22	0 47	15 40	1 42	20 16	11 58	22 2	21 56	15 37	9 0	1 7	T 23
W24	12 46	12 44	5 0	12 2	0 32	25 2	2 20	18 6	0 14	11 22	1 1	22 16	1 5	11 22	0 47	15 41	1 42	20 16	11 59	22 4	21 56	15 39	8 58	1 6	W24
T 25	13 6	16 57	4 52	12 55	0 22	25 11	2 22	18 18	0 15	11 27	1 1	22 16	1 5	11 22	0 47	15 42	1 42	20 16	11 59	22 5	21 57	15 41	8 56	1 6	T 25
F 26	13 25	20 30	4 31	13 47	0 11	25 20	2 25	18 30	0 15	11 32	1 0	22 16	1 5	11 22	0 47	15 42	1 42	20 15	11 59	22 7	21 57	15 44	8 54	1 5	F 26
S 27	13 45	23 12	3 58	14 38	0 1	25 28	2 27	18 41	0 16	11 37	1 0	22 16	1 5	11 23	0 47	15 43	1 42	20 15	12 0	22 9	21 58	15 46	8 52	1 5	S 27
S 28	14 4	24 54	3 15	15 29	0n10	25 35	2 30	18 53	0 16	11 42	1 0	22 16	1 5	11 23	0 47	15 44	1 42	20 15	12 0	22 10	21 58	15 48	8 50	1 5	S 28
M29	14 23	25 27	2 22	16 18	0 21	25 42	2 32	19 4	0 17	11 47	1 0	22 16	1 6	11 23	0 47	15 44	1 42	20 15	12 0	22 11	21 59	15 50	8 48	1 4	M29
T 30	14n41	24n46	1n22	17n 6	0n31	25n48	2n34	19n15	0n18	11n52	1s 0	22s16	1n 6	11n23	0n47	15n45	1s42	20s15	12s 1	22s11	21s59	15n53	8s46	1s 4	T 30

Julian Day Number = 2468801.5, Delta T = 73.79 sec
Ecliptic obliquity = 23°26'03, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'01, Lahiri = 24°31'02

ASTRODIENST EPHEMERIS for the year 2047
geocentric

MAY 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 26	10♉34'28	15♋ 4	18♉ 2	23♊53	25♉31	4♉ 7	4°R22	2°R17	18♉43	6♓29	18°D15	19♑40	29♈10	19°R50	W 1
T 2	14 39 22	11°32'45	27°45	20° 9	24°59	26°14	4°21	4♑20	2♍17	18°45	6°30	18♑15	19°37	29°17	19♎46	T 2
F 3	14 43 19	12°30'59	10♌46	22°14	26° 5	26°57	4°35	4°18	2°16	18°48	6°31	18°R16	19°33	29°24	19°42	F 3
S 4	14 47 16	13°29'11	24°10	24°18	27°10	27°39	4°50	4°16	2°16	18°50	6°32	18°15	19°30	29°30	19°38	S 4
S 5	14 51 12	14°27'21	8♍ 1	26°20	28°16	28°22	5° 4	4°14	2°16	18°52	6°33	18°13	19°27	29°37	19°34	S 5
M 6	14 55 9	15°25'29	22°20	28°20	29°21	29° 4	5°18	4°12	2°15	18°54	6°34	18° 8	19°24	29°44	19°30	M 6
T 7	14 59 5	16°23'35	7♎ 4	0♊17	0♋25	29°46	5°33	4°10	2°15	18°57	6°34	18° 2	19°21	29°51	19°26	T 7
W 8	15 3 2	17°21'40	22° 7	2°12	1°30	0♊29	5°47	4° 8	2°15	18°59	6°35	17°53	19°18	29°57	19°22	W 8
T 9	15 6 58	18°19'42	7♏22	4° 4	2°34	1°11	6° 1	4° 6	2°15	19° 1	6°36	17°45	19°14	0♉ 4	19°18	T 9
F 10	15 10 55	19°17'43	22°37	5°52	3°38	1°53	6°15	4° 3	2°D15	19° 3	6°36	17°36	19°11	0°11	19°15	F 10
S 11	15 14 51	20°15'43	7♐42	7°38	4°42	2°35	6°29	4° 1	2°15	19° 6	6°37	17°29	19° 8	0°17	19°11	S 11
S 12	15 18 48	21°13'40	22°27	9°21	5°46	3°17	6°44	3°58	2°15	19° 8	6°38	17°25	19° 5	0°24	19° 8	S 12
M13	15 22 45	22°11'37	6♑46	11° 0	6°49	3°59	6°58	3°55	2°15	19°10	6°38	17°22	19° 2	0°31	19° 4	M13
T 14	15 26 41	23° 9'32	20°37	12°36	7°52	4°41	7°12	3°53	2°15	19°12	6°39	17°D22	18°59	0°38	19° 1	T 14
W15	15 30 38	24° 7'26	3♒59	14° 8	8°55	5°23	7°26	3°50	2°16	19°15	6°40	17°23	18°55	0°44	18°58	W15
T 16	15 34 34	25° 5'19	16°56	15°37	9°57	6° 5	7°40	3°47	2°16	19°17	6°40	17°24	18°52	0°51	18°54	T 16
F 17	15 38 31	26° 3'10	29°31	17° 2	10°59	6°47	7°54	3°44	2°16	19°19	6°41	17°R24	18°49	0°58	18°51	F 17
S 18	15 42 27	27° 1'00	11♓49	18°23	12° 1	7°29	8° 8	3°41	2°17	19°21	6°41	17°23	18°46	1° 4	18°48	S 18
S 19	15 46 24	27°58'49	23°54	19°41	13° 2	8°11	8°22	3°38	2°17	19°24	6°42	17°19	18°43	1°11	18°45	S 19
M20	15 50 20	28°56'37	5♈51	20°54	14° 3	8°53	8°36	3°35	2°18	19°26	6°42	17°14	18°39	1°18	18°43	M20
T 21	15 54 17	29°54'23	17°44	22° 4	15° 4	9°34	8°50	3°31	2°18	19°28	6°42	17° 7	18°36	1°25	18°40	T 21
W22	15 58 14	0♊52'09	29°35	23°10	16° 4	10°16	9° 4	3°28	2°19	19°30	6°43	16°59	18°33	1°31	18°37	W22
T 23	16 2 10	1°49'53	11♉27	24°12	17° 5	10°58	9°18	3°25	2°20	19°32	6°43	16°50	18°30	1°38	18°35	T 23
F 24	16 6 7	2°47'36	23°23	25°10	18° 4	11°39	9°31	3°21	2°20	19°35	6°44	16°42	18°27	1°45	18°32	F 24
S 25	16 10 3	3°45'18	5♊23	26° 4	19° 4	12°21	9°45	3°18	2°21	19°37	6°44	16°35	18°24	1°51	18°30	S 25
S 26	16 14 0	4°42'58	17°31	26°54	20° 2	13° 2	9°59	3°14	2°22	19°39	6°44	16°29	18°20	1°58	18°28	S 26
M27	16 17 56	5°40'37	29°46	27°39	21° 1	13°44	10°12	3°11	2°23	19°41	6°44	16°26	18°17	2° 5	18°25	M27
T 28	16 21 53	6°38'15	12♋10	28°20	21°59	14°25	10°26	3° 7	2°24	19°43	6°45	16°D25	18°14	2°12	18°23	T 28
W29	16 25 49	7°35'52	24°47	28°57	22°57	15° 7	10°40	3° 3	2°25	19°46	6°45	16°25	18°11	2°18	18°21	W29
T 30	16 29 46	8°33'27	7♌37	29°29	23°54	15°48	10°53	2°59	2°26	19°48	6°45	16°26	18° 8	2°25	18°19	T 30
F 31	16 33 43	9♊31'01	20♌44	29♊57	24♋51	16♊29	11♉ 7	2♑56	2♍27	19♉50	6♓45	16♑28	18♑ 5	2♉32	18♎18	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	14n59	22n52	0n17	17n52	0n42	25n53	2n36	19n26	0n18	11n56	1s 0	22s16	1n 6	11n23	0n47	15n45	1s42	20s15	12s 1	22s11	22s 0	15n55	8s44	1s 3
T 2	15 18	19 47	0s50	18 37	0 52	25 58	2 38	19 37	0 19	12 1	1 0	22 16	1 6	11 23	0 47	15 46	1 42	20 15	12 1	22 11	22 0	15 57	8 42	1 3
F 3	15 35	15 39	1 57	19 20	1 2	26 2	2 40	19 47	0 19	12 6	1 0	22 16	1 6	11 23	0 47	15 47	1 42	20 15	12 1	22 11	22 1	16 0	8 40	1 2
S 4	15 53	10 39	2 59	20 1	1 12	26 6	2 41	19 57	0 20	12 11	1 0	22 16	1 6	11 24	0 47	15 47	1 42	20 15	12 2	22 11	22 1	16 2	8 38	1 2
S 5	16 10	4 57	3 53	20 39	1 22	26 8	2 43	20 7	0 21	12 16	1 0	22 16	1 6	11 24	0 47	15 48	1 42	20 15	12 2	22 12	22 1	16 4	8 36	1 2
M 6	16 27	1s 9	4 34	21 15	1 31	26 11	2 45	20 17	0 21	12 20	1 0	22 16	1 6	11 24	0 47	15 48	1 42	20 15	12 2	22 12	22 2	16 6	8 34	1 1
T 7	16 44	7 22	4 58	21 49	1 39	26 12	2 46	20 27	0 22	12 25	1 0	22 16	1 6	11 24	0 47	15 49	1 42	20 15	12 3	22 13	22 2	16 9	8 32	1 1
W 8	17 1	13 18	5 3	22 21	1 47	26 13	2 48	20 37	0 22	12 30	1 0	22 17	1 6	11 24	0 47	15 50	1 42	20 15	12 3	22 14	22 3	16 11	8 30	1 0
T 9	17 17	18 28	4 47	22 49	1 54	26 13	2 49	20 46	0 23	12 35	1 0	22 17	1 6	11 24	0 46	15 50	1 42	20 15	12 3	22 15	22 3	16 13	8 29	1 0
F 10	17 33	22 26	4 10	23 16	2 1	26 13	2 50	20 55	0 23	12 39	1 0	22 17	1 6	11 24	0 46	15 51	1 42	20 15	12 4	22 17	22 4	16 15	8 27	0 59
S 11	17 48	24 48	3 16	23 39	2 6	26 12	2 51	21 4	0 24	12 44	1 0	22 17	1 6	11 24	0 46	15 52	1 42	20 15	12 4	22 17	22 4	16 18	8 25	0 59
S 12	18 4	25 22	2 9	24 1	2 11	26 10	2 52	21 13	0 25	12 49	1 0	22 17	1 6	11 24	0 46	15 52	1 42	20 15	12 4	22 18	22 5	16 20	8 23	0 59
M13	18 19	24 12	0 57	24 20	2 16	26 8	2 53	21 21	0 25	12 53	1 0	22 17	1 6	11 23	0 46	15 53	1 42	20 15	12 5	22 18	22 5	16 22	8 22	0 58
T 14	18 34	21 34	0n17	24 36	2 19	26 5	2 53	21 30	0 26	12 58	1 0	22 17	1 6	11 23	0 46	15 53	1 42	20 15	12 5	22 18	22 5	16 24	8 20	0 58
W15	18 48	17 50	1 28	24 50	2 21	26 2	2 54	21 38	0 26	13 2	1 0	22 17	1 6	11 23	0 46	15 54	1 42	20 15	12 5	22 18	22 6	16 26	8 18	0 57
T 16	19 2	13 20	2 32	25 2	2 23	25 58	2 55	21 46	0 27	13 7	1 0	22 17	1 6	11 23	0 46	15 55	1 42	20 16	12 6	22 18	22 6	16 29	8 17	0 57
F 17	19 16	8 25	3 27	25 11	2 24	25 53	2 55	21 53	0 27	13 11	1 0	22 17	1 6	11 23	0 46	15 55	1 42	20 16	12 6	22 18	22 7	16 31	8 15	0 56
S 18	19 29	3 16	4 10	25 19	2 24	25 48	2 55	22 1	0 28	13 16	1 0	22 17	1 6	11 23	0 46	15 56	1 42	20 16	12 6	22 18	22 7	16 33	8 14	0 56
S 19	19 42	1n54	4 42	25 24	2 23	25 42	2 55	22 8	0 29	13 20	1 0	22 17	1 6	11 22	0 46	15 56	1 42	20 16	12 7	22 19	22 8	16 35	8 12	0 55
M20	19 55	6 56	5 1	25 28	2 21	25 36	2 55	22 15	0 29	13 25	1 0	22 18	1 6	11 22	0 46	15 57	1 42	20 16	12 7	22 19	22 8	16 38	8 11	0 55
T 21	20 8	11 41	5 7	25 30	2 18	25 29	2 55	22 22	0 30	13 29	1 0	22 18	1 6	11 22	0 46	15 58	1 42	20 16	12 7	22 20	22 9	16 40	8 9	0 55
W22	20 20	15 59	5 0	25 30	2 14	25 21	2 54	22 29	0 30	13 34	1 0	22 18	1 6	11 22	0 46	15 58	1 42	20 16	12 8	22 21	22 9	16 42	8 8	0 54
T 23	20 31	19 41	4 40	25 28	2 10	25 13	2 54	22 35	0 31	13 38	1 0	22 18	1 6	11 21	0 46	15 59	1 42	20 17	12 8	22 22	22 9	16 44	8 6	0 54
F 24	20 43	22 36	4 7	25 25	2 4	25 5	2 53	22 42	0 31	13 42	1 0	22 18	1 6	11 21	0 46	15 59	1 42	20 17	12 8	22 23	22 10	16 46	8 5	0 53
S 25	20 54	24 32	3 23	25 20	1 58	24 56	2 52	22 48	0 32	13 47	1 0	22 18	1 6	11 21	0 46	16 0	1 42	20 17	12 9	22 24	22 10	16 48	8 4	0 53
S 26	21 5	25 20	2 30	25 14	1 50	24 46	2 52	22 53	0 32	13 51	1 0	22 18	1 6	11 21	0 46	16 0	1 42	20 17	12 9	22 25	22 11	16 51	8 2	0 52
M27	21 15	24 55	1 29	25 7	1 42	24 36	2 50	22 59	0 33	13 55	1 0	22 18	1 6	11 20	0 46	16 1	1 42	20 17	12 9	22 25	22 11	16 53	8 1	0 52
T 28	21 25	23 16	0 23	24 58	1 33	24 25	2 49	23 5	0 33	13 59	1 0	22 18	1 6	11 20	0 46	16 2	1 42	20 18	12 10	22 26	22 12	16 55	8 0	0 51
W29	21 34	20 25	0s45	24 49	1 23	24 14	2 48	23 10	0 34	14 4	1 0	22 18	1 5	11 19	0 46	16 2	1 42	20 18	12 10	22 26	22 12	16 57	7 59	0 51
T 30	21 44	16 33	1 53	24 38	1 12	24 3	2 46	23 15	0 34	14 8	1 0	22 19	1 5	11 19	0 46	16 3	1 42	20 18	12 10	22 25	22 12	16 59	7 58	0 51
F 31	21n52	11n48	2s56	24n26	1n 0	23n51	2n44	23n20	0n35	14n12	1s 0	22s19	1n 5	11n19	0n46	16n 3	1s42	20s18	12s11	22s25	22s13	17n 1	7s57	0s50

Julian Day Number = 2468831.5, Delta T = 73.81 sec
Ecliptic obliquity = 23°26'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'05, Lahiri = 24°31'06

ASTRODIENST EPHEMERIS for the year 2047
geocentric

JUNE 2047

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 39	10♊28'33	4♍10	0♋20	25♋47	17♊10	11♉20	2°R52	2♍28	19♉52	6♓46	16°R29	18♑ 1	2♉39	18°R16	S 1
S 2	16 41 36	11°26'04	17°56	0°39	26°43	17°52	11°34	2♑48	2°29	19°54	6°46	16♑29	17°58	2°45	18♎15	S 2
M 3	16 45 32	12°23'34	2♎ 4	0°53	27°38	18°33	11°47	2°44	2°31	19°56	6°46	16°27	17°55	2°52	18°13	M 3
T 4	16 49 29	13°21'02	16°32	1° 2	28°33	19°14	12° 0	2°40	2°32	19°58	6°46	16°24	17°52	2°59	18°12	T 4
W 5	16 53 25	14°18'29	1♏16	1° 7	29°27	19°55	12°13	2°36	2°33	20° 1	6°46	16°21	17°49	3° 5	18°11	W 5
T 6	16 57 22	15°15'55	16°11	1°R 7	0♌20	20°36	12°27	2°32	2°35	20° 3	6°46	16°16	17°45	3°12	18° 9	T 6
F 7	17 1 18	16°13'20	1♐ 8	1° 2	1°13	21°17	12°40	2°27	2°36	20° 5	6°R46	16°12	17°42	3°19	18° 8	F 7
S 8	17 5 15	17°10'44	15°59	0°53	2° 5	21°58	12°53	2°23	2°38	20° 7	6°46	16° 9	17°39	3°26	18° 7	S 8
S 9	17 9 12	18° 8'07	0♑36	0°40	2°57	22°39	13° 6	2°19	2°39	20° 9	6°46	16° 7	17°36	3°32	18° 7	S 9
M10	17 13 8	19° 5'29	14°53	0°23	3°48	23°19	13°19	2°15	2°41	20°11	6°46	16°D 6	17°33	3°39	18° 6	M10
T 11	17 17 5	20° 2'51	28°45	0° 3	4°38	24° 0	13°32	2°11	2°42	20°13	6°46	16° 6	17°30	3°46	18° 5	T 11
W12	17 21 1	21° 0'12	12♒11	29♊39	5°28	24°41	13°45	2° 6	2°44	20°15	6°46	16° 8	17°26	3°52	18° 5	W12
T 13	17 24 58	21°57'32	25°13	29°12	6°17	25°22	13°57	2° 2	2°46	20°17	6°45	16° 9	17°23	3°59	18° 5	T 13
F 14	17 28 54	22°54'52	7♓53	28°43	7° 5	26° 2	14°10	1°58	2°48	20°19	6°45	16°10	17°20	4° 6	18° 4	F 14
S 15	17 32 51	23°52'11	20°14	28°12	7°52	26°43	14°23	1°53	2°49	20°21	6°45	16°R11	17°17	4°13	18° 4	S 15
S 16	17 36 47	24°49'30	2♈22	27°39	8°39	27°24	14°35	1°49	2°51	20°23	6°45	16°11	17°14	4°19	18°D 4	S 16
M17	17 40 44	25°46'48	14°20	27° 5	9°24	28° 4	14°48	1°45	2°53	20°25	6°45	16°10	17°11	4°26	18° 4	M17
T 18	17 44 41	26°44'07	26°12	26°31	10° 9	28°45	15° 0	1°40	2°55	20°27	6°44	16° 8	17° 7	4°33	18° 4	T 18
W19	17 48 37	27°41'25	8♉ 4	25°57	10°53	29°25	15°13	1°36	2°57	20°29	6°44	16° 6	17° 4	4°39	18° 5	W19
T 20	17 52 34	28°38'42	19°59	25°24	11°36	0♋ 6	15°25	1°31	2°59	20°30	6°44	16° 3	17° 1	4°46	18° 5	T 20
F 21	17 56 30	29°35'59	1♊59	24°53	12°18	0°46	15°37	1°27	3° 1	20°32	6°43	16° 0	16°58	4°53	18° 6	F 21
S 22	18 0 27	0♋33'16	14° 8	24°23	12°59	1°26	15°49	1°23	3° 3	20°34	6°43	15°58	16°55	5° 0	18° 6	S 22
S 23	18 4 23	1°30'33	26°26	23°56	13°38	2° 7	16° 1	1°18	3° 6	20°36	6°43	15°57	16°51	5° 6	18° 7	S 23
M24	18 8 20	2°27'49	8♋56	23°31	14°17	2°47	16°13	1°14	3° 8	20°38	6°42	15°56	16°48	5°13	18° 8	M24
T 25	18 12 16	3°25'05	21°39	23°10	14°55	3°27	16°25	1° 9	3°10	20°39	6°42	15°D56	16°45	5°20	18° 9	T 25
W26	18 16 13	4°22'20	4♌34	22°53	15°31	4° 7	16°37	1° 5	3°13	20°41	6°41	15°56	16°42	5°26	18°10	W26
T 27	18 20 10	5°19'35	17°43	22°39	16° 6	4°48	16°49	1° 0	3°15	20°43	6°41	15°57	16°39	5°33	18°11	T 27
F 28	18 24 6	6°16'49	1♍ 6	22°30	16°40	5°28	17° 1	0°56	3°17	20°45	6°41	15°58	16°36	5°40	18°13	F 28
S 29	18 28 3	7°14'03	14°44	22°25	17°13	6° 8	17°12	0°52	3°20	20°46	6°40	15°59	16°32	5°47	18°14	S 29
S 30	18 31 59	8♋11'16	28♍35	22°D25	17♌44	6♋48	17♉24	0♑47	3♍22	20♉48	6♓39	15♑59	16♑29	5♉53	18♎16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n 1	6n24	3s51	24n13	0n47	23n39	2n42	23n24	0n35	14n16	1s 1	22s19	1n 5	11n18	0n46	16n 4	1s42	20s19	12s11	22s25	22s13	17n 3	7s56	0s50	S 1
S 2	22 9	0 34	4 34	24 0	0 34	23 26	2 40	23 28	0 36	14 20	1 1	22 19	1 5	11 18	0 46	16 4	1 42	20 19	12 12	22 25	22 14	17 6	7 55	0 49	S 2
M 3	22 17	5s26	5 2	23 46	0 20	23 13	2 38	23 33	0 36	14 24	1 1	22 19	1 5	11 17	0 45	16 5	1 42	20 19	12 12	22 25	22 14	17 8	7 54	0 49	M 3
T 4	22 24	11 17	5 12	23 31	0 5	22 59	2 35	23 37	0 37	14 28	1 1	22 19	1 5	11 17	0 45	16 6	1 42	20 19	12 12	22 26	22 15	17 10	7 53	0 48	T 4
W 5	22 31	16 37	5 1	23 15	0s10	22 45	2 33	23 40	0 37	14 32	1 1	22 19	1 5	11 16	0 45	16 6	1 42	20 20	12 13	22 26	22 15	17 12	7 52	0 48	W 5
T 6	22 37	20 59	4 31	22 59	0 26	22 31	2 30	23 44	0 38	14 36	1 1	22 19	1 5	11 16	0 45	16 7	1 42	20 20	12 13	22 27	22 15	17 14	7 51	0 48	T 6
F 7	22 43	23 59	3 41	22 43	0 43	22 16	2 27	23 47	0 38	14 40	1 1	22 20	1 5	11 15	0 45	16 7	1 42	20 20	12 13	22 27	22 16	17 16	7 50	0 47	F 7
S 8	22 49	25 18	2 37	22 26	1 0	22 1	2 24	23 50	0 39	14 44	1 1	22 20	1 5	11 14	0 45	16 8	1 42	20 21	12 14	22 27	22 16	17 18	7 50	0 47	S 8
S 9	22 54	24 50	1 24	22 9	1 17	21 46	2 20	23 53	0 39	14 48	1 1	22 20	1 5	11 14	0 45	16 8	1 42	20 21	12 14	22 28	22 17	17 20	7 49	0 46	S 9
M10	22 59	22 43	0 7	21 52	1 34	21 31	2 17	23 56	0 40	14 52	1 1	22 20	1 5	11 13	0 45	16 9	1 42	20 21	12 14	22 28	22 17	17 23	7 48	0 46	M10
T 11	23 4	19 17	1n 9	21 35	1 51	21 15	2 13	23 58	0 40	14 56	1 1	22 20	1 5	11 13	0 45	16 9	1 42	20 22	12 15	22 28	22 17	17 25	7 48	0 45	T 11
W12	23 8	14 55	2 18	21 18	2 8	20 59	2 9	24 0	0 41	14 59	1 1	22 20	1 5	11 12	0 45	16 10	1 42	20 22	12 15	22 28	22 18	17 27	7 47	0 45	W12
T 13	23 11	9 59	3 19	21 1	2 25	20 42	2 4	24 2	0 41	15 3	1 1	22 20	1 5	11 11	0 45	16 10	1 42	20 22	12 15	22 27	22 18	17 29	7 46	0 44	T 13
F 14	23 15	4 47	4 7	20 45	2 41	20 26	2 0	24 4	0 42	15 7	1 1	22 20	1 5	11 11	0 45	16 11	1 42	20 23	12 16	22 27	22 19	17 31	7 46	0 44	F 14
S 15	23 18	0n28	4 43	20 28	2 57	20 9	1 55	24 6	0 42	15 11	1 1	22 21	1 5	11 10	0 45	16 11	1 42	20 23	12 16	22 27	22 19	17 33	7 45	0 44	S 15
S 16	23 20	5 37	5 6	20 13	3 12	19 52	1 50	24 7	0 43	15 14	1 1	22 21	1 5	11 9	0 45	16 12	1 42	20 23	12 16	22 27	22 19	17 35	7 45	0 43	S 16
M17	23 22	10 29	5 15	19 58	3 26	19 35	1 45	24 8	0 43	15 18	1 1	22 21	1 5	11 8	0 45	16 12	1 42	20 24	12 17	22 27	22 20	17 37	7 45	0 43	M17
T 18	23 24	14 55	5 10	19 45	3 39	19 18	1 39	24 9	0 43	15 21	1 1	22 21	1 5	11 8	0 45	16 13	1 42	20 24	12 17	22 28	22 20	17 39	7 44	0 42	T 18
W19	23 25	18 48	4 52	19 32	3 51	19 0	1 34	24 10	0 44	15 25	1 1	22 21	1 4	11 7	0 45	16 13	1 42	20 25	12 17	22 28	22 21	17 41	7 44	0 42	W19
T 20	23 26	21 56	4 21	19 20	4 1	18 42	1 28	24 10	0 44	15 28	1 1	22 21	1 4	11 6	0 45	16 14	1 42	20 25	12 18	22 28	22 21	17 43	7 44	0 41	T 20
F 21	23 26	24 8	3 39	19 10	4 10	18 25	1 22	24 11	0 45	15 32	1 1	22 21	1 4	11 5	0 45	16 14	1 42	20 26	12 18	22 28	22 21	17 45	7 44	0 41	F 21
S 22	23 26	25 15	2 47	19 1	4 18	18 7	1 15	24 11	0 45	15 35	1 2	22 21	1 4	11 5	0 45	16 14	1 42	20 26	12 18	22 29	22 22	17 47	7 43	0 41	S 22
S 23	23 26	25 9	1 46	18 53	4 25	17 49	1 8	24 11	0 46	15 39	1 2	22 21	1 4	11 4	0 45	16 15	1 43	20 26	12 19	22 29	22 22	17 49	7 43	0 40	S 23
M24	23 25	23 46	0 39	18 47	4 30	17 31	1 2	24 10	0 46	15 42	1 2	22 22	1 4	11 3	0 45	16 15	1 43	20 27	12 19	22 29	22 23	17 51	7 43	0 40	M24
T 25	23 23	21 10	0s32	18 43	4 33	17 13	0 54	24 10	0 46	15 45	1 2	22 22	1 4	11 2	0 45	16 16	1 43	20 27	12 19	22 29	22 23	17 53	7 43	0 39	T 25
W26	23 22	17 29	1 41	18 40	4 35	16 55	0 47	24 9	0 47	15 49	1 2	22 22	1 4	11 1	0 45	16 16	1 43	20 28	12 20	22 29	22 23	17 55	7 43	0 39	W26
T 27	23 20	12 52	2 47	18 38	4 36	16 38	0 39	24 8	0 47	15 52	1 2	22 22	1 4	11 0	0 45	16 17	1 43	20 28	12 20	22 29	22 24	17 57	7 43	0 39	T 27
F 28	23 17	7 34	3 45	18 39	4 35	16 20	0 31	24 7	0 48	15 55	1 2	22 22	1 4	10 59	0 45	16 17	1 43	20 29	12 20	22 29	22 24	17 59	7 44	0 38	F 28
S 29	23 14	1 51	4 31	18 40	4 33	16 2	0 23	24 6	0 48	15 58	1 2	22 22	1 4	10 59	0 45	16 17	1 43	20 29	12 21	22 29	22 25	18 1	7 44	0 38	S 29
S 30	23n11	4s 3	5s 2	18n44	4s30	15n44	0n14	24n 4	0n49	16n 2	1s 2	22s22	1n 4	10n58	0n45	16n18	1s43	20s30	12s21	22s29	22s25	18n 3	7s44	0s37	S 30

Julian Day Number = 2468862.5, Delta T = 73.84 sec
Ecliptic obliquity = 23°26'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'10, Lahiri = 24°31'10

ASTRODIENST EPHEMERIS for the year 2047
geocentric

JULY 2047

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 35 56	9♋ 8'29	12♎39	22♊30	18♌14	7♋28	17♉35	0°R43	3♍25	20♉50	6°R39	15°R59	16♂26	6♉ 0	18♎17	M 1
T 2	18 39 52	10° 5'41	26°55	22°39	18°42	8° 8	17°46	0♂38	3°27	20°51	6♓38	15♂59	16°23	6° 7	18°19	T 2
W 3	18 43 49	11° 2'53	11♏20	22°54	19° 8	8°48	17°58	0°34	3°30	20°53	6°38	15°59	16°20	6°13	18°21	W 3
T 4	18 47 45	12° 0'05	25°51	23°13	19°33	9°28	18° 9	0°30	3°33	20°54	6°37	15°58	16°17	6°20	18°23	T 4
F 5	18 51 42	12°57'16	10♐22	23°37	19°57	10° 8	18°20	0°26	3°35	20°56	6°36	15°58	16°13	6°27	18°25	F 5
S 6	18 55 39	13°54'27	24°48	24° 7	20°18	10°47	18°31	0°21	3°38	20°58	6°36	15°58	16°10	6°34	18°27	S 6
S 7	18 59 35	14°51'38	9♂ 4	24°41	20°38	11°27	18°42	0°17	3°41	20°59	6°35	15°D58	16° 7	6°40	18°29	S 7
M 8	19 3 32	15°48'49	23° 6	25°20	20°56	12° 7	18°52	0°13	3°43	21° 1	6°34	15°R58	16° 4	6°47	18°32	M 8
T 9	19 7 28	16°46'00	6♒48	26° 4	21°12	12°47	19° 3	0° 9	3°46	21° 2	6°34	15°58	16° 1	6°54	18°34	T 9
W10	19 11 25	17°43'12	20°11	26°52	21°26	13°26	19°14	0° 5	3°49	21° 3	6°33	15°57	15°57	7° 1	18°37	W10
T 11	19 15 21	18°40'23	3♓12	27°46	21°38	14° 6	19°24	0° 1	3°52	21° 5	6°32	15°57	15°54	7° 7	18°40	T 11
F 12	19 19 18	19°37'35	15°53	28°44	21°48	14°46	19°34	29♐56	3°55	21° 6	6°31	15°57	15°51	7°14	18°42	F 12
S 13	19 23 15	20°34'47	28°16	29°46	21°56	15°25	19°45	29°52	3°58	21° 8	6°31	15°56	15°48	7°21	18°45	S 13
S 14	19 27 11	21°32'00	10♈26	0♋54	22° 1	16° 5	19°55	29°48	4° 1	21° 9	6°30	15°56	15°45	7°27	18°48	S 14
M15	19 31 8	22°29'13	22°25	2° 5	22° 5	16°44	20° 5	29°45	4° 4	21°10	6°29	15°D56	15°42	7°34	18°52	M15
T 16	19 35 4	23°26'27	4♉19	3°22	22°R 6	17°24	20°15	29°41	4° 7	21°11	6°28	15°56	15°38	7°41	18°55	T 16
W17	19 39 1	24°23'41	16°11	4°42	22° 5	18° 3	20°25	29°37	4°10	21°13	6°27	15°57	15°35	7°47	18°58	W17
T 18	19 42 57	25°20'56	28° 8	6° 7	22° 1	18°43	20°34	29°33	4°13	21°14	6°26	15°57	15°32	7°54	19° 2	T 18
F 19	19 46 54	26°18'12	10♊12	7°36	21°55	19°22	20°44	29°29	4°16	21°15	6°25	15°58	15°29	8° 1	19° 5	F 19
S 20	19 50 50	27°15'28	22°27	9° 9	21°47	20° 2	20°53	29°26	4°19	21°16	6°25	15°59	15°26	8° 8	19° 9	S 20
S 21	19 54 47	28°12'45	4♋56	10°46	21°36	20°41	21° 3	29°22	4°23	21°17	6°24	16° 0	15°23	8°14	19°12	S 21
M22	19 58 44	29°10'02	17°41	12°27	21°23	21°20	21°12	29°19	4°26	21°19	6°23	16°R 0	15°19	8°21	19°16	M22
T 23	20 2 40	0♌ 7'20	0♌43	14°11	21° 8	22° 0	21°21	29°15	4°29	21°20	6°22	16° 0	15°16	8°28	19°20	T 23
W24	20 6 37	1° 4'39	14° 2	15°59	20°51	22°39	21°30	29°12	4°32	21°21	6°21	15°59	15°13	8°34	19°24	W24
T 25	20 10 33	2° 1'58	27°36	17°49	20°31	23°18	21°39	29° 8	4°36	21°22	6°20	15°57	15°10	8°41	19°28	T 25
F 26	20 14 30	2°59'17	11♍24	19°43	20° 8	23°57	21°47	29° 5	4°39	21°23	6°19	15°55	15° 7	8°48	19°33	F 26
S 27	20 18 26	3°56'37	25°22	21°40	19°44	24°36	21°56	29° 2	4°42	21°24	6°18	15°52	15° 3	8°55	19°37	S 27
S 28	20 22 23	4°53'57	9♎29	23°38	19°18	25°16	22° 4	28°59	4°46	21°25	6°17	15°51	15° 0	9° 1	19°41	S 28
M29	20 26 19	5°51'18	23°40	25°39	18°50	25°55	22°13	28°55	4°49	21°25	6°16	15°49	14°57	9° 8	19°46	M29
T 30	20 30 16	6°48'39	7♏53	27°41	18°20	26°34	22°21	28°52	4°52	21°26	6°14	15°D49	14°54	9°15	19°50	T 30
W31	20 34 13	7♌46'01	22♏ 7	29♋45	17♌48	27♋13	22♉29	28♐49	4♍56	21♉27	6♓13	15♂49	14♂51	9♉21	19♎55	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	23n 7	9s51	5s16	18n48	4s25	15n27	0n 5	24n 2	0n49	16n 5	1s 2	22s22	1n 3	10n57	0n44	16n18	1s43	20s30	12s21	22s29	22s25	18n 5	7s44	0s37
T 2	23 3	15 12	5 11	18 54	4 20	15 9	0s 4	24 0	0 49	16 8	1 2	22 23	1 3	10 56	0 44	16 19	1 43	20 31	12 21	22 29	22 26	18 7	7 44	0 36
W 3	22 58	19 46	4 46	19 2	4 13	14 52	0 14	23 58	0 50	16 11	1 2	22 23	1 3	10 55	0 44	16 19	1 43	20 31	12 22	22 29	22 26	18 9	7 45	0 36
T 4	22 54	23 9	4 3	19 10	4 6	14 35	0 24	23 56	0 50	16 14	1 3	22 23	1 3	10 54	0 44	16 19	1 43	20 32	12 22	22 29	22 27	18 11	7 45	0 36
F 5	22 48	25 3	3 5	19 20	3 57	14 18	0 34	23 53	0 51	16 17	1 3	22 23	1 3	10 53	0 44	16 20	1 43	20 32	12 22	22 29	22 27	18 13	7 46	0 35
S 6	22 42	25 14	1 55	19 30	3 48	14 1	0 44	23 51	0 51	16 20	1 3	22 23	1 3	10 52	0 44	16 20	1 43	20 33	12 23	22 29	22 27	18 15	7 46	0 35
S 7	22 36	23 45	0 38	19 42	3 38	13 45	0 55	23 48	0 51	16 23	1 3	22 23	1 3	10 51	0 44	16 20	1 43	20 33	12 23	22 29	22 28	18 17	7 47	0 34
M 8	22 30	20 49	0n39	19 54	3 27	13 29	1 6	23 44	0 52	16 25	1 3	22 23	1 3	10 50	0 44	16 21	1 43	20 34	12 23	22 29	22 28	18 19	7 47	0 34
T 9	22 23	16 45	1 53	20 6	3 16	13 13	1 17	23 41	0 52	16 28	1 3	22 23	1 3	10 49	0 44	16 21	1 43	20 34	12 24	22 29	22 28	18 21	7 48	0 34
W10	22 16	11 56	2 59	20 19	3 4	12 57	1 29	23 38	0 53	16 31	1 3	22 24	1 2	10 48	0 44	16 21	1 43	20 35	12 24	22 29	22 29	18 23	7 48	0 33
T 11	22 8	6 43	3 53	20 33	2 52	12 42	1 41	23 34	0 53	16 34	1 3	22 24	1 2	10 47	0 44	16 22	1 43	20 35	12 24	22 29	22 29	18 25	7 49	0 33
F 12	22 0	1 21	4 34	20 46	2 40	12 28	1 53	23 30	0 53	16 36	1 3	22 24	1 2	10 45	0 44	16 22	1 43	20 36	12 24	22 29	22 30	18 27	7 50	0 32
S 13	21 51	3n56	5 2	20 59	2 27	12 13	2 5	23 26	0 54	16 39	1 3	22 24	1 2	10 44	0 44	16 22	1 43	20 37	12 25	22 29	22 30	18 29	7 50	0 32
S 14	21 43	8 57	5 15	21 12	2 13	12 0	2 18	23 22	0 54	16 42	1 3	22 24	1 2	10 43	0 44	16 23	1 43	20 37	12 25	22 29	22 30	18 31	7 51	0 32
M15	21 34	13 35	5 15	21 25	2 0	11 46	2 31	23 17	0 54	16 44	1 4	22 24	1 2	10 42	0 44	16 23	1 43	20 38	12 25	22 29	22 31	18 33	7 52	0 31
T 16	21 24	17 40	5 1	21 37	1 46	11 33	2 44	23 13	0 55	16 47	1 4	22 24	1 2	10 41	0 44	16 23	1 44	20 38	12 25	22 29	22 31	18 35	7 53	0 31
W17	21 14	21 3	4 34	21 48	1 33	11 21	2 57	23 8	0 55	16 49	1 4	22 24	1 2	10 40	0 44	16 24	1 44	20 39	12 26	22 29	22 31	18 36	7 54	0 30
T 18	21 4	23 33	3 55	21 59	1 19	11 10	3 11	23 3	0 56	16 52	1 4	22 24	1 2	10 39	0 44	16 24	1 44	20 39	12 26	22 29	22 32	18 38	7 55	0 30
F 19	20 53	25 2	3 5	22 8	1 5	10 59	3 24	22 57	0 56	16 54	1 4	22 25	1 1	10 38	0 44	16 24	1 44	20 40	12 26	22 29	22 32	18 40	7 56	0 30
S 20	20 42	25 20	2 7	22 15	0 52	10 48	3 38	22 52	0 56	16 57	1 4	22 25	1 1	10 36	0 44	16 24	1 44	20 41	12 26	22 29	22 33	18 42	7 57	0 29
S 21	20 31	24 21	1 1	22 21	0 39	10 38	3 52	22 47	0 57	16 59	1 4	22 25	1 1	10 35	0 44	16 25	1 44	20 41	12 27	22 28	22 33	18 44	7 58	0 29
M22	20 19	22 7	0s 9	22 26	0 26	10 29	4 6	22 41	0 57	17 1	1 4	22 25	1 1	10 34	0 44	16 25	1 44	20 42	12 27	22 28	22 33	18 46	7 59	0 29
T 23	20 7	18 41	1 20	22 28	0 13	10 21	4 20	22 35	0 57	17 3	1 4	22 25	1 1	10 33	0 44	16 25	1 44	20 42	12 27	22 29	22 34	18 48	8 0	0 28
W24	19 55	14 14	2 29	22 28	0 0	10 13	4 33	22 29	0 58	17 6	1 5	22 25	1 1	10 32	0 44	16 25	1 44	20 43	12 27	22 29	22 34	18 50	8 1	0 28
T 25	19 42	9 1	3 30	22 26	0n11	10 6	4 47	22 23	0 58	17 8	1 5	22 25	1 1	10 30	0 44	16 25	1 44	20 43	12 28	22 29	22 34	18 52	8 2	0 27
F 26	19 29	3 17	4 20	22 22	0 23	10 0	5 1	22 16	0 58	17 10	1 5	22 25	1 0	10 29	0 44	16 26	1 44	20 44	12 28	22 29	22 35	18 53	8 4	0 27
S 27	19 16	2s41	4 55	22 15	0 34	9 55	5 14	22 10	0 59	17 12	1 5	22 26	1 0	10 28	0 44	16 26	1 44	20 45	12 28	22 29	22 35	18 55	8 5	0 27
S 28	19 2	8 33	5 13	22 5	0 44	9 50	5 28	22 3	0 59	17 14	1 5	22 26	1 0	10 27	0 44	16 26	1 44	20 45	12 28	22 30	22 35	18 57	8 6	0 26
M29	18 48	14 1	5 12	21 53	0 53	9 46	5 41	21 56	0 59	17 16	1 5	22 26	1 0	10 25	0 44	16 26	1 44	20 46	12 28	22 30	22 36	18 59	8 8	0 26
T 30	18 34	18 44	4 52	21 38	1 2	9 43	5 53	21 49	1 0	17 18	1 5	22 26	1 0	10 24	0 44	16 26	1 44	20 46	12 29	22 30	22 36	19 1	8 9	0 26
W31	18n19	22s23	4s14	21n20	1n10	9n41	6s 5	21n42	1n 0	17n20	1s 5	22s26	1n 0	10n23	0n44	16n27	1s44	20s47	12s29	22s30	22s36	19n 3	8s11	0s25

Julian Day Number = 2468892.5, Delta T = 73.86 sec
Ecliptic obliquity = 23°26'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'14, Lahiri = 24°31'14

ASTRODIENST EPHEMERIS for the year 2047
geocentric

AUGUST 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 9	8♌43'23	6♐17	1♌49	17°R15	27♋52	22♉37	28°R47	4♍59	21♉28	6°R12	15♑51	14♑48	9♉28	20♎ 0	T 1
F 2	20 42 6	9°40'46	20°23	3°55	16♌40	28°31	22°45	28♐44	5° 3	21°29	6♓11	15°52	14°44	9°35	20° 5	F 2
S 3	20 46 2	10°38'09	4♑22	6° 0	16° 5	29°10	22°52	28°41	5° 6	21°29	6°10	15°53	14°41	9°42	20°10	S 3
S 4	20 49 59	11°35'34	18°12	8° 6	15°29	29°49	23° 0	28°38	5°10	21°30	6° 9	15°R53	14°38	9°48	20°15	S 4
M 5	20 53 55	12°32'58	1♒50	10°11	14°52	0♌28	23° 7	28°36	5°13	21°31	6° 8	15°53	14°35	9°55	20°20	M 5
T 6	20 57 52	13°30'24	15°14	12°16	14°14	1° 6	23°14	28°33	5°17	21°31	6° 7	15°50	14°32	10° 2	20°25	T 6
W 7	21 1 48	14°27'51	28°23	14°20	13°37	1°45	23°21	28°31	5°20	21°32	6° 5	15°47	14°29	10° 8	20°30	W 7
T 8	21 5 45	15°25'18	11♓15	16°24	12°59	2°24	23°28	28°29	5°24	21°33	6° 4	15°42	14°25	10°15	20°36	T 8
F 9	21 9 42	16°22'47	23°52	18°26	12°22	3° 3	23°35	28°26	5°28	21°33	6° 3	15°38	14°22	10°22	20°41	F 9
S 10	21 13 38	17°20'17	6♈13	20°27	11°46	3°42	23°41	28°24	5°31	21°34	6° 2	15°33	14°19	10°29	20°47	S 10
S 11	21 17 35	18°17'48	18°22	22°28	11°10	4°20	23°48	28°22	5°35	21°34	6° 1	15°28	14°16	10°35	20°52	S 11
M12	21 21 31	19°15'21	0♉21	24°26	10°36	4°59	23°54	28°20	5°38	21°35	6° 0	15°25	14°13	10°42	20°58	M12
T 13	21 25 28	20°12'55	12°14	26°24	10° 2	5°38	24° 0	28°18	5°42	21°35	5°58	15°23	14° 9	10°49	21° 4	T 13
W14	21 29 24	21°10'30	24° 6	28°20	9°30	6°16	24° 6	28°16	5°46	21°35	5°57	15°D23	14° 6	10°55	21°10	W14
T 15	21 33 21	22° 8'07	6♊ 2	0♍15	9° 0	6°55	24°12	28°15	5°49	21°36	5°56	15°24	14° 3	11° 2	21°16	T 15
F 16	21 37 17	23° 5'46	18° 7	2° 8	8°32	7°34	24°17	28°13	5°53	21°36	5°55	15°25	14° 0	11° 9	21°22	F 16
S 17	21 41 14	24° 3'26	0♋25	4° 0	8° 5	8°12	24°23	28°11	5°57	21°36	5°53	15°27	13°57	11°16	21°28	S 17
S 18	21 45 11	25° 1'07	13° 0	5°51	7°41	8°51	24°28	28°10	6° 1	21°37	5°52	15°R28	13°54	11°22	21°34	S 18
M19	21 49 7	25°58'50	25°56	7°40	7°18	9°29	24°33	28° 9	6° 4	21°37	5°51	15°27	13°50	11°29	21°40	M19
T 20	21 53 4	26°56'34	9♌14	9°27	6°58	10° 8	24°38	28° 7	6° 8	21°37	5°50	15°25	13°47	11°36	21°46	T 20
W21	21 57 0	27°54'20	22°54	11°14	6°40	10°46	24°43	28° 6	6°12	21°37	5°48	15°21	13°44	11°42	21°53	W21
T 22	22 0 57	28°52'07	6♍54	12°58	6°24	11°25	24°48	28° 5	6°15	21°37	5°47	15°15	13°41	11°49	21°59	T 22
F 23	22 4 53	29°49'55	21°10	14°42	6°11	12° 3	24°52	28° 4	6°19	21°37	5°46	15° 8	13°38	11°56	22° 6	F 23
S 24	22 8 50	0♍47'45	5♎36	16°24	6° 0	12°42	24°56	28° 3	6°23	21°37	5°45	15° 1	13°34	12° 2	22°12	S 24
S 25	22 12 46	1°45'36	20° 5	18° 4	5°52	13°20	25° 0	28° 2	6°27	21°R37	5°43	14°55	13°31	12° 9	22°19	S 25
M26	22 16 43	2°43'28	4♏33	19°43	5°46	13°58	25° 4	28° 2	6°30	21°37	5°42	14°50	13°28	12°16	22°25	M26
T 27	22 20 40	3°41'22	18°55	21°21	5°42	14°37	25° 8	28° 1	6°34	21°37	5°41	14°47	13°25	12°23	22°32	T 27
W28	22 24 36	4°39'17	3♐ 7	22°58	5°D41	15°15	25°11	28° 1	6°38	21°37	5°39	14°D46	13°22	12°29	22°39	W28
T 29	22 28 33	5°37'13	17° 7	24°33	5°42	15°53	25°15	28° 0	6°42	21°37	5°38	14°47	13°19	12°36	22°46	T 29
F 30	22 32 29	6°35'10	0♑56	26° 7	5°45	16°32	25°18	28° 0	6°46	21°37	5°37	14°48	13°15	12°43	22°53	F 30
S 31	22 36 26	7♍33'09	14♑32	27♍40	5♌50	17♌10	25♉21	28♐ 0	6♍49	21♉37	5♓36	14°R48	13♑12	12♉49	23♎ 0	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	18n 5	24s39	3s21	21n 0	1n17	9n40	6s17	21n34	1n 0	17n22	1s 6	22s26	1n 0	10n22	0n44	16n27	1s44	20s48	12s29	22s30	22s37	19n 4	8s12	0s25
F 2	17 49	25 20	2 16	20 38	1 24	9 39	6 28	21 27	1 1	17 24	1 6	22 26	0 59	10 20	0 44	16 27	1 44	20 48	12 29	22 29	22 37	19 6	8 13	0 24
S 3	17 34	24 25	1 3	20 12	1 29	9 40	6 39	21 19	1 1	17 25	1 6	22 26	0 59	10 19	0 44	16 27	1 44	20 49	12 29	22 29	22 37	19 8	8 15	0 24
S 4	17 18	21 59	0n13	19 45	1 34	9 40	6 49	21 11	1 1	17 27	1 6	22 26	0 59	10 18	0 44	16 27	1 45	20 49	12 30	22 29	22 38	19 10	8 17	0 24
M 5	17 2	18 21	1 26	19 15	1 38	9 42	6 58	21 3	1 2	17 29	1 6	22 27	0 59	10 16	0 44	16 27	1 45	20 50	12 30	22 29	22 38	19 12	8 18	0 23
T 6	16 46	13 49	2 34	18 44	1 41	9 44	7 7	20 55	1 2	17 31	1 6	22 27	0 59	10 15	0 44	16 27	1 45	20 51	12 30	22 30	22 39	19 13	8 20	0 23
W 7	16 29	8 43	3 32	18 10	1 43	9 47	7 14	20 47	1 2	17 32	1 6	22 27	0 59	10 14	0 44	16 27	1 45	20 51	12 30	22 30	22 39	19 15	8 21	0 23
T 8	16 13	3 22	4 18	17 35	1 45	9 51	7 21	20 38	1 3	17 34	1 7	22 27	0 59	10 12	0 44	16 28	1 45	20 52	12 30	22 31	22 39	19 17	8 23	0 22
F 9	15 55	2n 0	4 50	16 58	1 46	9 55	7 28	20 30	1 3	17 35	1 7	22 27	0 58	10 11	0 44	16 28	1 45	20 52	12 30	22 31	22 40	19 19	8 25	0 22
S 10	15 38	7 11	5 8	16 20	1 46	10 0	7 33	20 21	1 3	17 37	1 7	22 27	0 58	10 10	0 44	16 28	1 45	20 53	12 31	22 32	22 40	19 21	8 27	0 22
S 11	15 21	11 59	5 11	15 41	1 45	10 5	7 37	20 12	1 3	17 38	1 7	22 27	0 58	10 8	0 44	16 28	1 45	20 53	12 31	22 32	22 40	19 22	8 28	0 21
M12	15 3	16 17	5 1	15 1	1 44	10 10	7 41	20 3	1 4	17 40	1 7	22 28	0 58	10 7	0 44	16 28	1 45	20 54	12 31	22 33	22 41	19 24	8 30	0 21
T 13	14 45	19 55	4 38	14 19	1 43	10 16	7 44	19 54	1 4	17 41	1 7	22 28	0 58	10 6	0 44	16 28	1 45	20 55	12 31	22 33	22 41	19 26	8 32	0 21
W14	14 26	22 43	4 4	13 37	1 40	10 22	7 46	19 44	1 4	17 42	1 7	22 28	0 58	10 4	0 44	16 28	1 45	20 55	12 31	22 33	22 41	19 28	8 34	0 20
T 15	14 8	24 34	3 18	12 54	1 37	10 29	7 47	19 35	1 5	17 44	1 8	22 28	0 57	10 3	0 44	16 28	1 45	20 56	12 31	22 33	22 42	19 29	8 36	0 20
F 16	13 49	25 17	2 23	12 11	1 34	10 36	7 48	19 25	1 5	17 45	1 8	22 28	0 57	10 2	0 44	16 28	1 45	20 56	12 31	22 33	22 42	19 31	8 38	0 20
S 17	13 30	24 47	1 21	11 26	1 30	10 43	7 47	19 16	1 5	17 46	1 8	22 28	0 57	10 0	0 44	16 28	1 45	20 57	12 31	22 32	22 42	19 33	8 40	0 19
S 18	13 11	23 1	0 13	10 42	1 26	10 50	7 46	19 6	1 5	17 47	1 8	22 28	0 57	9 59	0 44	16 28	1 45	20 58	12 32	22 32	22 43	19 35	8 42	0 19
M19	12 51	20 2	0s57	9 57	1 21	10 57	7 44	18 56	1 6	17 48	1 8	22 28	0 57	9 57	0 44	16 28	1 45	20 58	12 32	22 32	22 43	19 36	8 44	0 18
T 20	12 32	15 56	2 5	9 12	1 16	11 4	7 42	18 46	1 6	17 49	1 8	22 29	0 57	9 56	0 44	16 28	1 45	20 59	12 32	22 33	22 43	19 38	8 46	0 18
W21	12 12	10 54	3 9	8 27	1 11	11 11	7 39	18 35	1 6	17 50	1 8	22 29	0 56	9 55	0 44	16 28	1 46	20 59	12 32	22 33	22 44	19 40	8 48	0 18
T 22	11 52	5 14	4 2	7 42	1 5	11 19	7 35	18 25	1 7	17 51	1 9	22 29	0 56	9 53	0 44	16 28	1 46	21 0	12 32	22 34	22 44	19 42	8 50	0 17
F 23	11 32	0s49	4 41	6 56	0 59	11 26	7 31	18 15	1 7	17 52	1 9	22 29	0 56	9 52	0 44	16 28	1 46	21 0	12 32	22 34	22 44	19 43	8 52	0 17
S 24	11 11	6 52	5 4	6 11	0 53	11 33	7 27	18 4	1 7	17 53	1 9	22 29	0 56	9 51	0 44	16 28	1 46	21 1	12 32	22 35	22 45	19 45	8 54	0 17
S 25	10 51	12 35	5 6	5 26	0 46	11 40	7 21	17 53	1 7	17 54	1 9	22 29	0 56	9 49	0 44	16 28	1 46	21 1	12 32	22 36	22 45	19 47	8 56	0 16
M26	10 30	17 35	4 50	4 40	0 40	11 47	7 16	17 43	1 8	17 55	1 9	22 30	0 56	9 48	0 44	16 28	1 46	21 2	12 32	22 36	22 45	19 48	8 59	0 16
T 27	10 9	21 32	4 15	3 55	0 33	11 53	7 10	17 32	1 8	17 55	1 9	22 30	0 55	9 46	0 44	16 28	1 46	21 3	12 32	22 37	22 45	19 50	9 1	0 16
W28	9 48	24 8	3 25	3 11	0 25	12 0	7 4	17 21	1 8	17 56	1 9	22 30	0 55	9 45	0 44	16 28	1 46	21 3	12 32	22 37	22 46	19 52	9 3	0 15
T 29	9 27	25 11	2 23	2 26	0 18	12 6	6 57	17 10	1 8	17 57	1 10	22 30	0 55	9 44	0 44	16 28	1 46	21 4	12 32	22 37	22 46	19 53	9 5	0 15
F 30	9 6	24 40	1 14	1 42	0 10	12 12	6 50	16 58	1 9	17 57	1 10	22 30	0 55	9 42	0 44	16 27	1 46	21 4	12 32	22 37	22 46	19 55	9 7	0 15
S 31	8n44	22s40	0s 1	0n58	0n 2	12n18	6s43	16n47	1n 9	17n58	1s10	22s30	0n55	9n41	0n44	16n27	1s46	21s 5	12s32	22s37	22s47	19n57	9s10	0s15

Julian Day Number = 2468923.5, Delta T = 73.88 sec
Ecliptic obliquity = 23°26'01, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'18, Lahiri = 24°31'18

ASTRODIENST EPHEMERIS for the year 2047
geocentric

SEPTEMBER 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 22	8♍31'09	27♉57	29♍11	5♌58	17♌48	25♉23	27°R59	6♍53	21°R37	5°R34	14°R48	13♉ 9	12♉56	23♎ 7	S 1
M 2	22 44 19	9°29'10	11♒11	0♎41	6° 8	18°26	25°26	27°D59	6°57	21♉36	5♓33	14♉45	13° 6	13° 3	23°14	M 2
T 3	22 48 15	10°27'13	24°14	2° 9	6°20	19° 4	25°28	28♐ 0	7° 1	21°36	5°32	14°39	13° 3	13°10	23°21	T 3
W 4	22 52 12	11°25'17	7♓ 4	3°37	6°34	19°42	25°30	28° 0	7° 4	21°36	5°31	14°32	13° 0	13°16	23°28	W 4
T 5	22 56 9	12°23'23	19°42	5° 3	6°50	20°21	25°32	28° 0	7° 8	21°36	5°29	14°22	12°56	13°23	23°36	T 5
F 6	23 0 5	13°21'31	2♈ 9	6°27	7° 8	20°59	25°34	28° 0	7°12	21°35	5°28	14°11	12°53	13°30	23°43	F 6
S 7	23 4 2	14°19'40	14°24	7°50	7°28	21°37	25°36	28° 1	7°16	21°35	5°27	14° 0	12°50	13°36	23°50	S 7
S 8	23 7 58	15°17'51	26°28	9°12	7°49	22°15	25°37	28° 1	7°19	21°34	5°25	13°50	12°47	13°43	23°58	S 8
M 9	23 11 55	16°16'05	8♉24	10°32	8°13	22°53	25°38	28° 2	7°23	21°34	5°24	13°42	12°44	13°50	24° 5	M 9
T 10	23 15 51	17°14'20	20°16	11°51	8°38	23°31	25°39	28° 3	7°27	21°33	5°23	13°36	12°40	13°56	24°13	T 10
W11	23 19 48	18°12'37	2♊ 6	13° 8	9° 5	24° 9	25°40	28° 4	7°30	21°33	5°22	13°33	12°37	14° 3	24°20	W11
T 12	23 23 44	19°10'57	14° 0	14°24	9°33	24°47	25°41	28° 5	7°34	21°32	5°20	13°31	12°34	14°10	24°28	T 12
F 13	23 27 41	20° 9'18	26° 2	15°38	10° 3	25°25	25°41	28° 6	7°38	21°32	5°19	13°D31	12°31	14°17	24°36	F 13
S 14	23 31 37	21° 7'42	8♋18	16°50	10°35	26° 3	25°41	28° 7	7°42	21°31	5°18	13°R32	12°28	14°23	24°43	S 14
S 15	23 35 34	22° 6'08	20°54	18° 1	11° 8	26°41	25°R41	28° 8	7°45	21°30	5°17	13°32	12°25	14°30	24°51	S 15
M16	23 39 31	23° 4'36	3♌53	19° 9	11°42	27°18	25°41	28° 9	7°49	21°30	5°16	13°30	12°21	14°37	24°59	M16
T 17	23 43 27	24° 3'06	17°18	20°16	12°17	27°56	25°41	28°11	7°53	21°29	5°14	13°26	12°18	14°43	25° 7	T 17
W18	23 47 24	25° 1'38	1♍11	21°20	12°54	28°34	25°40	28°12	7°56	21°28	5°13	13°19	12°15	14°50	25°15	W18
T 19	23 51 20	26° 0'12	15°29	22°22	13°32	29°12	25°39	28°14	8° 0	21°27	5°12	13°10	12°12	14°57	25°23	T 19
F 20	23 55 17	26°58'47	0♎ 7	23°22	14°12	29°50	25°38	28°16	8° 4	21°27	5°11	13° 0	12° 9	15° 3	25°31	F 20
S 21	23 59 13	27°57'25	14°59	24°19	14°52	0♍28	25°37	28°17	8° 7	21°26	5°10	12°49	12° 6	15°10	25°39	S 21
S 22	0 3 10	28°56'05	29°54	25°13	15°33	1° 5	25°36	28°19	8°11	21°25	5° 8	12°39	12° 2	15°17	25°47	S 22
M23	0 7 6	29°54'47	14♏45	26° 4	16°16	1°43	25°34	28°21	8°14	21°24	5° 7	12°31	11°59	15°24	25°55	M23
T 24	0 11 3	0♎53'30	29°23	26°52	16°59	2°21	25°32	28°23	8°18	21°23	5° 6	12°25	11°56	15°30	26° 3	T 24
W25	0 15 0	1°52'15	13♐45	27°37	17°44	2°58	25°30	28°26	8°21	21°22	5° 5	12°22	11°53	15°37	26°11	W25
T 26	0 18 56	2°51'02	27°47	28°17	18°29	3°36	25°28	28°28	8°25	21°21	5° 4	12°21	11°50	15°44	26°19	T 26
F 27	0 22 53	3°49'50	11♑30	28°54	19°16	4°14	25°26	28°30	8°28	21°20	5° 3	12°21	11°46	15°50	26°27	F 27
S 28	0 26 49	4°48'40	24°54	29°26	20° 3	4°51	25°23	28°33	8°32	21°19	5° 2	12°21	11°43	15°57	26°36	S 28
S 29	0 30 46	5°47'32	8♒ 3	29°53	20°51	5°29	25°20	28°35	8°35	21°18	5° 1	12°19	11°40	16° 4	26°44	S 29
M30	0 34 42	6♎46'26	20♒58	0♏15	21♌40	6♍ 7	25♉17	28♐38	8♍39	21♉17	5♓ 0	12♉15	11♉37	16♉10	26♎52	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	8n22	19s25	1n10	0n14	0s 6	12n23	6s35	16n35	1n 9	17n58	1s10	22s30	0n55	9n39	0n44	16n27	1s46	21s 5	12s32	22s37	22s47	19n58	9s12	0s14
M 2	8 1	15 14	2 17	0s29	0 14	12 28	6 28	16 24	1 9	17 59	1 10	22 31	0 54	9 38	0 44	16 27	1 46	21 6	12 32	22 37	22 47	20 0	9 14	0 14
T 3	7 39	10 23	3 15	1 11	0 22	12 33	6 20	16 12	1 10	17 59	1 10	22 31	0 54	9 37	0 44	16 27	1 46	21 6	12 32	22 38	22 48	20 2	9 17	0 14
W 4	7 17	5 10	4 2	1 54	0 30	12 37	6 12	16 1	1 10	17 59	1 11	22 31	0 54	9 35	0 44	16 27	1 46	21 7	12 32	22 39	22 48	20 3	9 19	0 13
T 5	6 55	0n10	4 36	2 35	0 38	12 41	6 4	15 49	1 10	18 0	1 11	22 31	0 54	9 34	0 44	16 27	1 46	21 7	12 32	22 40	22 48	20 5	9 22	0 13
F 6	6 32	5 24	4 57	3 16	0 47	12 45	5 56	15 37	1 10	18 0	1 11	22 31	0 54	9 32	0 44	16 27	1 46	21 8	12 32	22 41	22 49	20 7	9 24	0 13
S 7	6 10	10 20	5 4	3 57	0 55	12 48	5 47	15 25	1 11	18 0	1 11	22 31	0 54	9 31	0 44	16 26	1 46	21 8	12 32	22 42	22 49	20 8	9 26	0 12
S 8	5 48	14 49	4 56	4 37	1 3	12 51	5 39	15 13	1 11	18 0	1 11	22 32	0 53	9 30	0 44	16 26	1 47	21 9	12 32	22 43	22 49	20 10	9 29	0 12
M 9	5 25	18 39	4 36	5 16	1 12	12 53	5 30	15 0	1 11	18 1	1 11	22 32	0 53	9 28	0 44	16 26	1 47	21 9	12 32	22 44	22 49	20 11	9 31	0 12
T 10	5 2	21 44	4 4	5 55	1 20	12 55	5 22	14 48	1 11	18 1	1 11	22 32	0 53	9 27	0 44	16 26	1 47	21 9	12 32	22 44	22 50	20 13	9 34	0 11
W11	4 40	23 52	3 22	6 33	1 29	12 57	5 13	14 36	1 12	18 1	1 12	22 32	0 53	9 26	0 44	16 26	1 47	21 10	12 32	22 45	22 50	20 15	9 36	0 11
T 12	4 17	24 58	2 31	7 10	1 37	12 58	5 5	14 23	1 12	18 1	1 12	22 32	0 53	9 24	0 44	16 26	1 47	21 10	12 32	22 45	22 50	20 16	9 39	0 11
F 13	3 54	24 54	1 32	7 47	1 46	12 58	4 56	14 11	1 12	18 1	1 12	22 33	0 53	9 23	0 44	16 25	1 47	21 11	12 32	22 45	22 51	20 18	9 41	0 10
S 14	3 31	23 38	0 28	8 22	1 54	12 58	4 47	13 58	1 12	18 1	1 12	22 33	0 53	9 21	0 44	16 25	1 47	21 11	12 32	22 45	22 51	20 19	9 44	0 10
S 15	3 8	21 10	0s39	8 57	2 2	12 58	4 39	13 45	1 12	18 0	1 12	22 33	0 52	9 20	0 44	16 25	1 47	21 12	12 32	22 45	22 51	20 21	9 46	0 10
M16	2 45	17 34	1 46	9 30	2 10	12 57	4 30	13 32	1 13	18 0	1 12	22 33	0 52	9 19	0 44	16 25	1 47	21 12	12 32	22 45	22 52	20 22	9 49	0 9
T 17	2 22	12 58	2 49	10 3	2 18	12 55	4 21	13 20	1 13	18 0	1 13	22 33	0 52	9 17	0 44	16 24	1 47	21 12	12 32	22 45	22 52	20 24	9 52	0 9
W18	1 59	7 33	3 44	10 35	2 26	12 53	4 13	13 7	1 13	18 0	1 13	22 33	0 52	9 16	0 44	16 24	1 47	21 13	12 32	22 46	22 52	20 26	9 54	0 9
T 19	1 35	1 37	4 27	11 5	2 34	12 51	4 4	12 54	1 13	17 59	1 13	22 34	0 52	9 15	0 44	16 24	1 47	21 13	12 32	22 47	22 52	20 27	9 57	0 9
F 20	1 12	4s32	4 54	11 34	2 41	12 48	3 56	12 41	1 13	17 59	1 13	22 34	0 52	9 13	0 44	16 24	1 47	21 14	12 32	22 48	22 53	20 29	9 59	0 8
S 21	0 49	10 31	5 1	12 2	2 48	12 45	3 47	12 27	1 14	17 59	1 13	22 34	0 51	9 12	0 44	16 23	1 47	21 14	12 32	22 49	22 53	20 30	10 2	0 8
S 22	0 25	15 55	4 48	12 28	2 55	12 41	3 39	12 14	1 14	17 58	1 13	22 34	0 51	9 11	0 44	16 23	1 47	21 14	12 32	22 50	22 53	20 32	10 5	0 8
M23	0 2	20 19	4 15	12 53	3 2	12 36	3 31	12 1	1 14	17 58	1 13	22 34	0 51	9 9	0 44	16 23	1 47	21 15	12 32	22 51	22 54	20 33	10 7	0 7
T 24	0s21	23 22	3 26	13 17	3 8	12 31	3 22	11 47	1 14	17 57	1 13	22 35	0 51	9 8	0 44	16 23	1 47	21 15	12 32	22 51	22 54	20 35	10 10	0 7
W25	0 45	24 51	2 25	13 38	3 14	12 26	3 14	11 34	1 14	17 57	1 14	22 35	0 51	9 7	0 44	16 22	1 47	21 15	12 32	22 52	22 54	20 36	10 13	0 7
T 26	1 8	24 41	1 16	13 58	3 19	12 20	3 6	11 21	1 15	17 56	1 14	22 35	0 51	9 5	0 44	16 22	1 47	21 16	12 31	22 52	22 54	20 38	10 15	0 6
F 27	1 31	23 1	0 5	14 16	3 24	12 14	2 58	11 7	1 15	17 55	1 14	22 35	0 50	9 4	0 44	16 22	1 47	21 16	12 31	22 52	22 55	20 39	10 18	0 6
S 28	1 55	20 4	1n 6	14 31	3 29	12 7	2 50	10 54	1 15	17 54	1 14	22 35	0 50	9 3	0 44	16 21	1 48	21 16	12 31	22 52	22 55	20 41	10 21	0 6
S 29	2 18	16 8	2 11	14 44	3 32	11 59	2 42	10 40	1 15	17 54	1 14	22 35	0 50	9 2	0 44	16 21	1 48	21 17	12 31	22 52	22 55	20 42	10 23	0 5
M30	2s41	11s31	3n 9	14s55	3s35	11n51	2s34	10n26	1n15	17n53	1s14	22s36	0n50	9n 0	0n44	16n21	1s48	21s17	12s31	22s52	22s56	20n44	10s26	0s 5

Julian Day Number = 2468954.5, Delta T = 73.91 sec
Ecliptic obliquity = 23°26'02, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'22, Lahiri = 24°31'23

ASTRODIENST EPHEMERIS for the year 2047
geocentric

OCTOBER 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 39	7♎45'21	3♓41	0♏31	22♌29	6♍44	25°R14	28♐41	8♍42	21°R16	4°R59	12°R 7	11♑34	16♉17	27♎ 1	T 1
W 2	0 42 35	8°44'18	16°14	0°41	23°20	7°22	25♉11	28°44	8°46	21♉15	4♓58	11♑57	11°31	16°24	27° 9	W 2
T 3	0 46 32	9°43'17	28°37	0°R45	24°11	7°59	25° 7	28°46	8°49	21°14	4°57	11°44	11°27	16°31	27°17	T 3
F 4	0 50 29	10°42'18	10♈51	0°42	25° 3	8°37	25° 3	28°49	8°52	21°13	4°56	11°30	11°24	16°37	27°26	F 4
S 5	0 54 25	11°41'21	22°56	0°31	25°56	9°14	25° 0	28°53	8°56	21°11	4°55	11°16	11°21	16°44	27°34	S 5
S 6	0 58 22	12°40'26	4♉55	0°13	26°49	9°52	24°55	28°56	8°59	21°10	4°54	11° 3	11°18	16°51	27°42	S 6
M 7	1 2 18	13°39'34	16°48	29♎47	27°43	10°29	24°51	28°59	9° 2	21° 9	4°53	10°52	11°15	16°57	27°51	M 7
T 8	1 6 15	14°38'43	28°37	29°12	28°37	11° 6	24°47	29° 2	9° 5	21° 8	4°52	10°43	11°11	17° 4	27°59	T 8
W 9	1 10 11	15°37'55	10♊26	28°30	29°32	11°44	24°42	29° 6	9° 9	21° 6	4°51	10°37	11° 8	17°11	28° 8	W 9
T 10	1 14 8	16°37'09	22°18	27°41	0♍28	12°21	24°37	29° 9	9°12	21° 5	4°50	10°34	11° 5	17°17	28°16	T 10
F 11	1 18 4	17°36'26	4♋18	26°44	1°24	12°58	24°32	29°13	9°15	21° 4	4°49	10°33	11° 2	17°24	28°25	F 11
S 12	1 22 1	18°35'44	16°31	25°42	2°21	13°36	24°27	29°17	9°18	21° 2	4°48	10°33	10°59	17°31	28°33	S 12
S 13	1 25 58	19°35'05	29° 3	24°34	3°19	14°13	24°22	29°20	9°21	21° 1	4°47	10°33	10°56	17°37	28°42	S 13
M14	1 29 54	20°34'29	11♌58	23°23	4°17	14°50	24°16	29°24	9°24	21° 0	4°47	10°32	10°52	17°44	28°50	M14
T 15	1 33 51	21°33'54	25°21	22°11	5°15	15°28	24°10	29°28	9°27	20°58	4°46	10°28	10°49	17°51	28°59	T 15
W16	1 37 47	22°33'22	9♍13	20°59	6°14	16° 5	24° 5	29°32	9°30	20°57	4°45	10°22	10°46	17°58	29° 8	W16
T 17	1 41 44	23°32'52	23°35	19°49	7°13	16°42	23°59	29°36	9°33	20°55	4°44	10°13	10°43	18° 4	29°16	T 17
F 18	1 45 40	24°32'24	8♎23	18°44	8°13	17°19	23°53	29°40	9°36	20°54	4°43	10° 2	10°40	18°11	29°25	F 18
S 19	1 49 37	25°31'59	23°29	17°45	9°13	17°56	23°46	29°45	9°39	20°52	4°43	9°51	10°37	18°18	29°33	S 19
S 20	1 53 33	26°31'35	8♏43	16°55	10°14	18°34	23°40	29°49	9°42	20°51	4°42	9°41	10°33	18°24	29°42	S 20
M21	1 57 30	27°31'14	23°54	16°14	11°15	19°11	23°33	29°53	9°45	20°49	4°41	9°32	10°30	18°31	29°51	M21
T 22	2 1 27	28°30'54	8♐52	15°43	12°16	19°48	23°27	29°58	9°48	20°48	4°41	9°27	10°27	18°38	29°59	T 22
W23	2 5 23	29°30'37	23°30	15°24	13°18	20°25	23°20	0♑ 2	9°51	20°46	4°40	9°24	10°24	18°44	0♏ 8	W23
T 24	2 9 20	0♏30'21	7♑44	15°D16	14°20	21° 2	23°13	0° 7	9°53	20°45	4°39	9°D23	10°21	18°51	0°16	T 24
F 25	2 13 16	1°30'06	21°32	15°19	15°23	21°39	23° 6	0°12	9°56	20°43	4°39	9°23	10°17	18°58	0°25	F 25
S 26	2 17 13	2°29'53	4♒57	15°33	16°26	22°16	22°59	0°17	9°59	20°42	4°38	9°R23	10°14	19° 5	0°34	S 26
S 27	2 21 9	3°29'42	18° 0	15°57	17°29	22°53	22°51	0°21	10° 1	20°40	4°38	9°22	10°11	19°11	0°42	S 27
M28	2 25 6	4°29'33	0♓46	16°31	18°32	23°30	22°44	0°26	10° 4	20°38	4°37	9°19	10° 8	19°18	0°51	M28
T 29	2 29 2	5°29'25	13°16	17°13	19°36	24° 7	22°37	0°31	10° 6	20°37	4°37	9°13	10° 5	19°25	0°59	T 29
W30	2 32 59	6°29'19	25°36	18° 4	20°40	24°44	22°29	0°36	10° 9	20°35	4°36	9° 5	10° 2	19°31	1° 8	W30
T 31	2 36 56	7♏29'15	7♈46	19♎ 2	21♍45	25♍21	22♉22	0♑41	10♍11	20♉33	4♓36	8♑54	9♑58	19♉38	1♏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
T 1	3s 5	6s29	3n56	15s 3	3s37	11n43	2s26	10n12	1n16	17n52	1s14	22s36	0n50	8n59	0n44	16n20	1s48	21s17	12s31	22s53	22s56	20n45	10s29	0s 5
W 2	3 28	1 17	4 30	15 7	3 39	11 34	2 18	9 59	1 16	17 51	1 14	22 36	0 50	8 58	0 44	16 20	1 48	21 17	12 31	22 54	22 56	20 47	10 32	0 5
T 3	3 51	3n55	4 52	15 9	3 39	11 24	2 11	9 45	1 16	17 50	1 15	22 36	0 50	8 57	0 44	16 20	1 48	21 18	12 31	22 55	22 56	20 48	10 34	0 4
F 4	4 14	8 53	4 59	15 7	3 38	11 14	2 3	9 31	1 16	17 49	1 15	22 36	0 49	8 55	0 44	16 19	1 48	21 18	12 30	22 56	22 57	20 50	10 37	0 4
S 5	4 37	13 27	4 53	15 1	3 36	11 4	1 56	9 17	1 16	17 48	1 15	22 37	0 49	8 54	0 44	16 19	1 48	21 18	12 30	22 57	22 57	20 51	10 40	0 4
S 6	5 0	17 28	4 34	14 51	3 32	10 53	1 48	9 3	1 16	17 47	1 15	22 37	0 49	8 53	0 44	16 19	1 48	21 18	12 30	22 58	22 57	20 53	10 42	0 3
M 7	5 23	20 44	4 4	14 37	3 27	10 41	1 41	8 49	1 17	17 46	1 15	22 37	0 49	8 52	0 44	16 18	1 48	21 19	12 30	22 59	22 57	20 54	10 45	0 3
T 8	5 46	23 8	3 22	14 18	3 20	10 29	1 34	8 35	1 17	17 45	1 15	22 37	0 49	8 50	0 44	16 18	1 48	21 19	12 30	23 0	22 58	20 56	10 48	0 3
W 9	6 9	24 31	2 32	13 55	3 11	10 17	1 27	8 21	1 17	17 43	1 15	22 37	0 49	8 49	0 44	16 18	1 48	21 19	12 30	23 1	22 58	20 57	10 51	0 2
T 10	6 32	24 47	1 35	13 27	3 0	10 4	1 20	8 7	1 17	17 42	1 15	22 37	0 48	8 48	0 44	16 17	1 48	21 19	12 29	23 1	22 58	20 58	10 53	0 2
F 11	6 55	23 55	0 33	12 55	2 48	9 50	1 13	7 53	1 17	17 41	1 15	22 38	0 48	8 47	0 44	16 17	1 48	21 19	12 29	23 1	22 59	21 0	10 56	0 2
S 12	7 17	21 53	0s32	12 19	2 34	9 36	1 6	7 38	1 17	17 40	1 15	22 38	0 48	8 46	0 44	16 16	1 48	21 20	12 29	23 1	22 59	21 1	10 59	0 2
S 13	7 40	18 46	1 36	11 39	2 18	9 22	0 59	7 24	1 18	17 38	1 15	22 38	0 48	8 45	0 44	16 16	1 48	21 20	12 29	23 1	22 59	21 3	11 2	0 1
M14	8 2	14 40	2 38	10 57	2 0	9 7	0 53	7 10	1 18	17 37	1 15	22 38	0 48	8 43	0 44	16 16	1 48	21 20	12 29	23 1	22 59	21 4	11 5	0 1
T 15	8 24	9 43	3 34	10 12	1 41	8 52	0 46	6 56	1 18	17 35	1 16	22 38	0 48	8 42	0 44	16 15	1 48	21 20	12 29	23 1	23 0	21 6	11 7	0 1
W16	8 46	4 7	4 18	9 27	1 22	8 36	0 40	6 41	1 18	17 34	1 16	22 38	0 48	8 41	0 44	16 15	1 48	21 20	12 28	23 2	23 0	21 7	11 10	0 0
T 17	9 9	1s53	4 49	8 42	1 1	8 20	0 34	6 27	1 18	17 32	1 16	22 39	0 47	8 40	0 44	16 15	1 48	21 20	12 28	23 2	23 0	21 8	11 13	0 0
F 18	9 30	7 56	5 1	7 58	0 41	8 4	0 27	6 13	1 18	17 31	1 16	22 39	0 47	8 39	0 44	16 14	1 48	21 20	12 28	23 3	23 0	21 10	11 16	0n 0
S 19	9 52	13 39	4 53	7 16	0 20	7 47	0 21	5 58	1 18	17 29	1 16	22 39	0 47	8 38	0 44	16 14	1 48	21 20	12 28	23 4	23 1	21 11	11 18	0 0
S 20	10 14	18 34	4 24	6 39	0 0	7 30	0 15	5 44	1 19	17 28	1 16	22 39	0 47	8 37	0 44	16 13	1 48	21 20	12 28	23 5	23 1	21 12	11 21	0 1
M21	10 35	22 14	3 36	6 5	0n19	7 12	0 10	5 29	1 19	17 26	1 16	22 39	0 47	8 36	0 44	16 13	1 48	21 21	12 27	23 5	23 1	21 14	11 24	0 1
T 22	10 57	24 19	2 34	5 37	0 37	6 54	0 4	5 15	1 19	17 24	1 16	22 39	0 47	8 35	0 44	16 12	1 48	21 21	12 27	23 6	23 1	21 15	11 27	0 1
W23	11 18	24 40	1 23	5 15	0 53	6 35	0n 2	5 0	1 19	17 23	1 16	22 39	0 47	8 34	0 45	16 12	1 48	21 21	12 27	23 6	23 2	21 17	11 29	0 2
T 24	11 39	23 21	0 9	4 58	1 8	6 16	0 7	4 46	1 19	17 21	1 16	22 40	0 47	8 33	0 45	16 12	1 48	21 21	12 27	23 6	23 2	21 18	11 32	0 2
F 25	12 0	20 39	1n 4	4 47	1 21	5 57	0 13	4 31	1 19	17 19	1 16	22 40	0 46	8 32	0 45	16 11	1 48	21 21	12 27	23 6	23 2	21 19	11 35	0 2
S 26	12 20	16 54	2 12	4 41	1 33	5 38	0 18	4 17	1 19	17 17	1 16	22 40	0 46	8 31	0 45	16 11	1 48	21 21	12 26	23 6	23 2	21 21	11 38	0 3
S 27	12 41	12 25	3 10	4 42	1 43	5 18	0 23	4 2	1 19	17 15	1 16	22 40	0 46	8 30	0 45	16 10	1 48	21 21	12 26	23 6	23 3	21 22	11 40	0 3
M28	13 1	7 29	3 58	4 47	1 51	4 58	0 28	3 48	1 20	17 14	1 16	22 40	0 46	8 29	0 45	16 10	1 48	21 21	12 26	23 6	23 3	21 23	11 43	0 3
T 29	13 21	2 22	4 33	4 57	1 57	4 37	0 33	3 33	1 20	17 12	1 16	22 40	0 46	8 28	0 45	16 9	1 48	21 21	12 26	23 7	23 3	21 25	11 46	0 3
W30	13 41	2n46	4 55	5 12	2 2	4 16	0 38	3 19	1 20	17 10	1 16	22 40	0 46	8 27	0 45	16 9	1 48	21 21	12 25	23 7	23 3	21 26	11 48	0 4
T 31	14s 0	7n43	5n 3	5s30	2n 6	3n55	0n42	3n 4	1n20	17n 8	1s16	22s40	0n46	8n26	0n45	16n 9	1s48	21s21	12s25	23s 8	23s 4	21n27	11s51	0n 4

Julian Day Number = 2468984.5, Delta T = 73.93 sec
Ecliptic obliquity = 23°26'02, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'26, Lahiri = 24°31'27

ASTRODIENST EPHEMERIS for the year 2047
geocentric

NOVEMBER 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 52	8♏29'12	19♈49	20♎ 5	22♍50	25♍57	22°R14	0♑47	10♍14	20°R32	4°R35	8°R43	9♑55	19♉45	1♏25	F 1
S 2	2 44 49	9°29'11	1♉47	21°15	23°55	26°34	22♉ 6	0°52	10°16	20♉30	4♓35	8♑31	9°52	19°51	1°34	S 2
S 3	2 48 45	10°29'12	13°40	22°29	25° 0	27°11	21°58	0°57	10°18	20°29	4°34	8°20	9°49	19°58	1°42	S 3
M 4	2 52 42	11°29'15	25°31	23°47	26° 6	27°48	21°50	1° 2	10°21	20°27	4°34	8°10	9°46	20° 5	1°51	M 4
T 5	2 56 38	12°29'20	7♊20	25° 8	27°12	28°25	21°42	1° 8	10°23	20°25	4°34	8° 3	9°43	20°11	1°59	T 5
W 6	3 0 35	13°29'27	19°11	26°33	28°18	29° 1	21°34	1°13	10°25	20°24	4°33	7°59	9°39	20°18	2° 8	W 6
T 7	3 4 31	14°29'36	1♋ 5	28° 0	29°24	29°38	21°26	1°19	10°27	20°22	4°33	7°57	9°36	20°25	2°16	T 7
F 8	3 8 28	15°29'47	13° 7	29°29	0♎31	0♎15	21°18	1°24	10°29	20°20	4°33	7°D57	9°33	20°31	2°25	F 8
S 9	3 12 25	16°30'00	25°21	0♏59	1°38	0°51	21°10	1°30	10°31	20°18	4°33	7°58	9°30	20°38	2°33	S 9
S 10	3 16 21	17°30'15	7♌50	2°31	2°45	1°28	21° 2	1°36	10°33	20°17	4°32	7°59	9°27	20°45	2°42	S 10
M11	3 20 18	18°30'32	20°41	4° 4	3°52	2° 4	20°54	1°41	10°35	20°15	4°32	7°R59	9°23	20°52	2°50	M11
T 12	3 24 14	19°30'51	3♍56	5°38	5° 0	2°41	20°46	1°47	10°37	20°13	4°32	7°58	9°20	20°58	2°58	T 12
W13	3 28 11	20°31'12	17°40	7°12	6° 8	3°18	20°37	1°53	10°39	20°12	4°32	7°55	9°17	21° 5	3° 7	W13
T 14	3 32 7	21°31'34	1♎52	8°47	7°16	3°54	20°29	1°59	10°41	20°10	4°32	7°50	9°14	21°12	3°15	T 14
F 15	3 36 4	22°31'59	16°32	10°22	8°24	4°31	20°21	2° 5	10°43	20° 8	4°32	7°44	9°11	21°18	3°23	F 15
S 16	3 40 0	23°32'26	1♏34	11°58	9°32	5° 7	20°13	2°11	10°44	20° 7	4°32	7°37	9° 8	21°25	3°32	S 16
S 17	3 43 57	24°32'54	16°49	13°33	10°41	5°43	20° 5	2°17	10°46	20° 5	4°32	7°30	9° 4	21°32	3°40	S 17
M18	3 47 54	25°33'24	2♐ 7	15° 9	11°50	6°20	19°57	2°23	10°48	20° 3	4°D32	7°25	9° 1	21°38	3°48	M18
T 19	3 51 50	26°33'56	17°16	16°45	12°59	6°56	19°49	2°29	10°49	20° 2	4°32	7°21	8°58	21°45	3°56	T 19
W20	3 55 47	27°34'29	2♑ 8	18°21	14° 8	7°33	19°41	2°36	10°51	20° 0	4°32	7°D19	8°55	21°52	4° 5	W20
T 21	3 59 43	28°35'04	16°36	19°56	15°17	8° 9	19°33	2°42	10°52	19°58	4°32	7°20	8°52	21°58	4°13	T 21
F 22	4 3 40	29°35'40	0♒37	21°32	16°27	8°45	19°25	2°48	10°53	19°57	4°32	7°21	8°49	22° 5	4°21	F 22
S 23	4 7 36	0♐36'16	14°11	23° 8	17°36	9°21	19°17	2°55	10°55	19°55	4°32	7°22	8°45	22°12	4°29	S 23
S 24	4 11 33	1°36'54	27°19	24°43	18°46	9°57	19° 9	3° 1	10°56	19°53	4°32	7°R23	8°42	22°19	4°37	S 24
M25	4 15 29	2°37'33	10♓ 5	26°18	19°56	10°34	19° 1	3° 7	10°57	19°52	4°32	7°23	8°39	22°25	4°45	M25
T 26	4 19 26	3°38'13	22°33	27°54	21° 6	11°10	18°54	3°14	10°59	19°50	4°32	7°21	8°36	22°32	4°53	T 26
W27	4 23 23	4°38'55	4♈47	29°29	22°16	11°46	18°46	3°20	11° 0	19°48	4°33	7°18	8°33	22°39	5° 1	W27
T 28	4 27 19	5°39'37	16°50	1♐ 3	23°27	12°22	18°38	3°27	11° 1	19°47	4°33	7°13	8°29	22°45	5° 9	T 28
F 29	4 31 16	6°40'21	28°46	2°38	24°37	12°58	18°31	3°33	11° 2	19°45	4°33	7° 8	8°26	22°52	5°16	F 29
S 30	4 35 12	7♐41'05	10♑38	4♐13	25♎48	13♎34	18♑24	3♑40	11♍ 3	19♑44	4♓33	7♑ 2	8♑23	22♉59	5♏24	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	14s20	12n20	4n58	5s52	2n 9	3n34	0n47	2n50	1n20	17n 6	1s16	22s40	0n45	8n25	0n45	16n 8	1s48	21s21	12s25	23s 9	23s 4	21n28	11s54	0n 4
S 2	14 39	16 27	4 39	6 17	2 10	3 12	0 51	2 35	1 20	17 4	1 16	22 41	0 45	8 25	0 45	16 8	1 48	21 20	12 25	23 10	23 4	21 30	11 57	0 5
S 3	14 58	19 53	4 8	6 44	2 10	2 50	0 56	2 21	1 20	17 2	1 16	22 41	0 45	8 24	0 45	16 7	1 49	21 20	12 24	23 10	23 4	21 31	11 59	0 5
M 4	15 16	22 29	3 27	7 13	2 10	2 28	1 0	2 6	1 20	17 0	1 16	22 41	0 45	8 23	0 45	16 7	1 49	21 20	12 24	23 11	23 4	21 32	12 2	0 5
T 5	15 35	24 6	2 37	7 44	2 8	2 6	1 4	1 52	1 20	16 58	1 16	22 41	0 45	8 22	0 45	16 6	1 49	21 20	12 24	23 11	23 5	21 34	12 5	0 5
W 6	15 53	24 38	1 39	8 17	2 6	1 43	1 8	1 37	1 21	16 56	1 16	22 41	0 45	8 21	0 45	16 6	1 49	21 20	12 24	23 12	23 5	21 35	12 7	0 6
T 7	16 11	24 3	0 37	8 51	2 3	1 20	1 12	1 23	1 21	16 54	1 16	22 41	0 45	8 20	0 45	16 5	1 49	21 20	12 23	23 12	23 5	21 36	12 10	0 6
F 8	16 29	22 19	0s28	9 25	1 59	0 57	1 15	1 8	1 21	16 52	1 15	22 41	0 45	8 20	0 45	16 5	1 49	21 20	12 23	23 12	23 5	21 37	12 12	0 6
S 9	16 46	19 33	1 32	10 1	1 55	0 34	1 19	0 54	1 21	16 50	1 15	22 41	0 44	8 19	0 45	16 5	1 49	21 20	12 23	23 12	23 6	21 39	12 15	0 7
S 10	17 3	15 49	2 34	10 37	1 51	0 10	1 23	0 39	1 21	16 48	1 15	22 41	0 44	8 18	0 45	16 4	1 49	21 20	12 23	23 12	23 6	21 40	12 18	0 7
M11	17 20	11 17	3 30	11 13	1 46	0s14	1 26	0 25	1 21	16 46	1 15	22 41	0 44	8 18	0 45	16 4	1 49	21 19	12 22	23 12	23 6	21 41	12 20	0 7
T 12	17 36	6 5	4 16	11 49	1 41	0 37	1 29	0 10	1 21	16 44	1 15	22 41	0 44	8 17	0 45	16 3	1 49	21 19	12 22	23 12	23 6	21 42	12 23	0 8
W13	17 53	0 26	4 50	12 25	1 35	1 1	1 32	0s 4	1 21	16 42	1 15	22 41	0 44	8 16	0 45	16 3	1 49	21 19	12 22	23 12	23 7	21 44	12 25	0 8
T 14	18 8	5s26	5 7	13 1	1 29	1 25	1 35	0 18	1 21	16 40	1 15	22 41	0 44	8 16	0 45	16 2	1 49	21 19	12 22	23 12	23 7	21 45	12 28	0 8
F 15	18 24	11 11	5 5	13 37	1 23	1 50	1 38	0 33	1 21	16 38	1 15	22 41	0 44	8 15	0 45	16 2	1 49	21 19	12 21	23 12	23 7	21 46	12 31	0 8
S 16	18 39	16 25	4 42	14 12	1 17	2 14	1 41	0 47	1 21	16 36	1 15	22 41	0 44	8 14	0 45	16 1	1 49	21 18	12 21	23 13	23 7	21 47	12 33	0 9
S 17	18 54	20 41	3 59	14 47	1 10	2 39	1 43	1 2	1 22	16 34	1 15	22 41	0 44	8 14	0 45	16 1	1 49	21 18	12 21	23 13	23 7	21 48	12 36	0 9
M18	19 9	23 30	2 59	15 22	1 4	3 3	1 46	1 16	1 22	16 32	1 14	22 41	0 43	8 13	0 45	16 0	1 49	21 18	12 21	23 14	23 8	21 50	12 38	0 9
T 19	19 23	24 36	1 47	15 56	0 57	3 28	1 48	1 30	1 22	16 30	1 14	22 41	0 43	8 13	0 46	16 0	1 49	21 18	12 20	23 14	23 8	21 51	12 41	0 10
W20	19 37	23 53	0 28	16 29	0 50	3 52	1 51	1 44	1 22	16 28	1 14	22 41	0 43	8 12	0 46	16 0	1 48	21 17	12 20	23 14	23 8	21 52	12 43	0 10
T 21	19 50	21 34	0n50	17 2	0 43	4 17	1 53	1 59	1 22	16 26	1 14	22 41	0 43	8 12	0 46	15 59	1 48	21 17	12 20	23 14	23 8	21 53	12 46	0 10
F 22	20 4	18 0	2 4	17 33	0 36	4 42	1 55	2 13	1 22	16 24	1 14	22 41	0 43	8 11	0 46	15 59	1 48	21 17	12 20	23 14	23 8	21 54	12 48	0 11
S 23	20 16	13 35	3 7	18 5	0 29	5 7	1 57	2 27	1 22	16 22	1 14	22 41	0 43	8 11	0 46	15 58	1 48	21 17	12 19	23 14	23 9	21 56	12 50	0 11
S 24	20 29	8 39	3 59	18 35	0 23	5 31	1 58	2 41	1 22	16 20	1 14	22 41	0 43	8 10	0 46	15 58	1 48	21 16	12 19	23 14	23 9	21 57	12 53	0 11
M25	20 41	3 30	4 38	19 4	0 16	5 56	2 0	2 55	1 22	16 18	1 13	22 41	0 43	8 10	0 46	15 57	1 48	21 16	12 19	23 14	23 9	21 58	12 55	0 11
T 26	20 52	1n40	5 2	19 33	0 9	6 21	2 2	3 9	1 22	16 16	1 13	22 41	0 43	8 9	0 46	15 57	1 48	21 16	12 18	23 14	23 9	21 59	12 58	0 12
W27	21 4	6 40	5 12	20 0	0 2	6 46	2 3	3 23	1 22	16 14	1 13	22 41	0 43	8 9	0 46	15 57	1 48	21 15	12 18	23 14	23 9	22 0	13 0	0 12
T 28	21 15	11 21	5 8	20 27	0s 5	7 10	2 5	3 37	1 22	16 12	1 13	22 41	0 42	8 9	0 46	15 56	1 48	21 15	12 18	23 14	23 10	22 1	13 2	0 12
F 29	21 25	15 33	4 50	20 52	0 12	7 35	2 6	3 51	1 22	16 10	1 13	22 41	0 42	8 8	0 46	15 56	1 48	21 15	12 18	23 14	23 10	22 2	13 5	0 13
S 30	21s35	19n 8	4n21	21s17	0s18	8s 0	2n 7	4s 5	1n22	16n 8	1s12	22s41	0n42	8n 8	0n46	15n55	1s48	21s14	12s17	23s15	23s10	22n 4	13s 7	0n13

Julian Day Number = 2469015.5, Delta T = 73.95 sec
Ecliptic obliquity = 23°26'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'31, Lahiri = 24°31'31

ASTRODIENST EPHEMERIS for the year 2047
geocentric

DECEMBER 2047 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 9	8♐41'51	22♉28	5♐47	26♎58	14♎10	18°R17	3♑47	11♍ 4	19°R42	4♓34	6°R57	8♑20	23♉ 5	5♏32	S 1
M 2	4 43 5	9°42'38	4♊19	7°22	28° 9	14°46	18♉ 9	3°53	11° 4	19♉40	4°34	6♑53	8°17	23°12	5°40	M 2
T 3	4 47 2	10°43'26	16°12	8°56	29°20	15°21	18° 2	4° 0	11° 5	19°39	4°34	6°50	8°14	23°19	5°47	T 3
W 4	4 50 58	11°44'15	28° 9	10°31	0♏31	15°57	17°56	4° 7	11° 6	19°37	4°35	6°48	8°10	23°25	5°55	W 4
T 5	4 54 55	12°45'06	10♋12	12° 5	1°43	16°33	17°49	4°13	11° 7	19°36	4°35	6°D48	8° 7	23°32	6° 2	T 5
F 6	4 58 52	13°45'58	22°23	13°39	2°54	17° 9	17°42	4°20	11° 7	19°34	4°36	6°49	8° 4	23°39	6°10	F 6
S 7	5 2 48	14°46'51	4♌45	15°13	4° 6	17°45	17°36	4°27	11° 8	19°33	4°36	6°50	8° 1	23°45	6°17	S 7
S 8	5 6 45	15°47'45	17°21	16°47	5°17	18°20	17°30	4°34	11° 8	19°31	4°37	6°52	7°58	23°52	6°25	S 8
M 9	5 10 41	16°48'40	0♍13	18°22	6°29	18°56	17°23	4°41	11° 9	19°30	4°37	6°53	7°55	23°59	6°32	M 9
T 10	5 14 38	17°49'37	13°26	19°56	7°41	19°31	17°17	4°48	11° 9	19°28	4°38	6°R54	7°51	24° 5	6°39	T 10
W11	5 18 34	18°50'35	27° 1	21°30	8°52	20° 7	17°11	4°54	11°10	19°27	4°38	6°54	7°48	24°12	6°47	W11
T 12	5 22 31	19°51'34	10♎59	23° 5	10° 4	20°42	17° 6	5° 1	11°10	19°25	4°39	6°53	7°45	24°19	6°54	T 12
F 13	5 26 27	20°52'34	25°21	24°39	11°16	21°18	17° 0	5° 8	11°10	19°24	4°40	6°51	7°42	24°26	7° 1	F 13
S 14	5 30 24	21°53'35	10♏ 4	26°13	12°29	21°53	16°55	5°15	11°10	19°23	4°40	6°49	7°39	24°32	7° 8	S 14
S 15	5 34 21	22°54'38	25° 1	27°48	13°41	22°29	16°49	5°22	11°10	19°21	4°41	6°47	7°35	24°39	7°15	S 15
M16	5 38 17	23°55'41	10♐ 6	29°23	14°53	23° 4	16°44	5°29	11°11	19°20	4°42	6°46	7°32	24°46	7°22	M16
T 17	5 42 14	24°56'45	25° 9	0♑58	16° 6	23°39	16°39	5°36	11°R11	19°19	4°42	6°45	7°29	24°52	7°29	T 17
W18	5 46 10	25°57'50	10♑ 2	2°32	17°18	24°15	16°35	5°43	11°11	19°17	4°43	6°D45	7°26	24°59	7°35	W18
T 19	5 50 7	26°58'56	24°36	4° 7	18°31	24°50	16°30	5°50	11°10	19°16	4°44	6°45	7°23	25° 6	7°42	T 19
F 20	5 54 3	28° 0'02	8♒46	5°43	19°43	25°25	16°26	5°57	11°10	19°15	4°45	6°46	7°20	25°12	7°49	F 20
S 21	5 58 0	29° 1'08	22°30	7°18	20°56	26° 0	16°22	6° 4	11°10	19°14	4°45	6°47	7°16	25°19	7°55	S 21
S 22	6 1 56	0♑ 2'14	5♓48	8°53	22° 9	26°35	16°18	6°12	11°10	19°12	4°46	6°47	7°13	25°26	8° 2	S 22
M23	6 5 53	1° 3'21	18°41	10°29	23°22	27°10	16°14	6°19	11° 9	19°11	4°47	6°48	7°10	25°32	8° 8	M23
T 24	6 9 50	2° 4'28	1♈12	12° 4	24°34	27°45	16°10	6°26	11° 9	19°10	4°48	6°R48	7° 7	25°39	8°15	T 24
W25	6 13 46	3° 5'35	13°26	13°40	25°47	28°20	16° 7	6°33	11° 9	19° 9	4°49	6°48	7° 4	25°46	8°21	W25
T 26	6 17 43	4° 6'42	25°28	15°15	27° 0	28°54	16° 4	6°40	11° 8	19° 8	4°50	6°48	7° 1	25°52	8°27	T 26
F 27	6 21 39	5° 7'49	7♉22	16°51	28°13	29°29	16° 1	6°47	11° 8	19° 7	4°51	6°47	6°57	25°59	8°33	F 27
S 28	6 25 36	6° 8'56	19°11	18°26	29°27	0♏ 4	15°58	6°54	11° 7	19° 6	4°52	6°47	6°54	26° 6	8°39	S 28
S 29	6 29 32	7°10'04	1♊ 1	20° 1	0♐40	0°38	15°55	7° 1	11° 6	19° 5	4°53	6°D47	6°51	26°12	8°45	S 29
M30	6 33 29	8°11'12	12°54	21°36	1°53	1°13	15°53	7° 8	11° 6	19° 4	4°54	6°47	6°48	26°19	8°51	M30
T 31	6 37 26	9♑12'19	24♊52	23♑11	3♐ 6	1♏47	15♉51	7♑15	11♍ 5	19♉ 3	4♓55	6♑48	6♑45	26♉26	8♏57	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	21s45	21n55	3n40	21s41	0s25	8s24	2n 8	4s19	1n22	16n 6	1s12	22s41	0n42	8n 8	0n46	15n55	1s48	21s14	12s17	23s15	23s10	22n 5	13s 9	0n13
M 2	21 54	23 46	2 49	22 3	0 31	8 49	2 9	4 33	1 22	16 5	1 12	22 41	0 42	8 7	0 46	15 55	1 48	21 14	12 17	23 15	23 10	22 6	13 11	0 14
T 3	22 3	24 33	1 51	22 24	0 38	9 13	2 9	4 47	1 22	16 3	1 12	22 40	0 42	8 7	0 46	15 54	1 48	21 13	12 17	23 15	23 11	22 7	13 14	0 14
W 4	22 11	24 13	0 47	22 45	0 44	9 37	2 10	5 1	1 22	16 1	1 12	22 40	0 42	8 7	0 46	15 54	1 48	21 13	12 16	23 16	23 11	22 8	13 16	0 14
T 5	22 19	22 44	0s19	23 4	0 50	10 1	2 11	5 14	1 22	16 0	1 11	22 40	0 42	8 7	0 46	15 53	1 48	21 12	12 16	23 16	23 11	22 9	13 18	0 15
F 6	22 27	20 11	1 25	23 22	0 56	10 25	2 11	5 28	1 22	15 58	1 11	22 40	0 42	8 6	0 46	15 53	1 48	21 12	12 16	23 15	23 11	22 10	13 20	0 15
S 7	22 34	16 40	2 28	23 39	1 2	10 49	2 11	5 41	1 22	15 56	1 11	22 40	0 42	8 6	0 46	15 53	1 48	21 12	12 16	23 15	23 11	22 11	13 22	0 15
S 8	22 41	12 22	3 26	23 54	1 8	11 13	2 12	5 55	1 22	15 55	1 11	22 40	0 41	8 6	0 46	15 52	1 48	21 11	12 15	23 15	23 12	22 12	13 25	0 16
M 9	22 47	7 26	4 14	24 9	1 13	11 36	2 12	6 9	1 22	15 53	1 11	22 40	0 41	8 6	0 46	15 52	1 48	21 11	12 15	23 15	23 12	22 13	13 27	0 16
T 10	22 53	2 3	4 50	24 22	1 19	11 59	2 12	6 22	1 22	15 52	1 10	22 40	0 41	8 6	0 46	15 52	1 48	21 10	12 15	23 15	23 12	22 15	13 29	0 16
W11	22 58	3s35	5 12	24 33	1 24	12 22	2 12	6 35	1 22	15 51	1 10	22 39	0 41	8 6	0 46	15 51	1 48	21 10	12 15	23 15	23 12	22 16	13 31	0 17
T 12	23 3	9 11	5 15	24 44	1 29	12 45	2 12	6 49	1 22	15 49	1 10	22 39	0 41	8 6	0 47	15 51	1 48	21 9	12 14	23 15	23 12	22 17	13 33	0 17
F 13	23 7	14 27	5 0	24 53	1 34	13 8	2 11	7 2	1 22	15 48	1 10	22 39	0 41	8 6	0 47	15 51	1 48	21 9	12 14	23 15	23 13	22 18	13 35	0 17
S 14	23 11	19 1	4 25	25 1	1 38	13 30	2 11	7 15	1 22	15 47	1 9	22 39	0 41	8 6	0 47	15 50	1 48	21 8	12 14	23 15	23 13	22 19	13 37	0 17
S 15	23 15	22 26	3 31	25 8	1 43	13 52	2 10	7 28	1 22	15 45	1 9	22 39	0 41	8 6	0 47	15 50	1 48	21 8	12 14	23 16	23 13	22 20	13 39	0 18
M16	23 18	24 18	2 22	25 13	1 47	14 14	2 10	7 41	1 22	15 44	1 9	22 38	0 41	8 6	0 47	15 50	1 48	21 7	12 13	23 16	23 13	22 21	13 41	0 18
T 17	23 20	24 24	1 4	25 16	1 51	14 35	2 9	7 54	1 22	15 43	1 9	22 38	0 41	8 6	0 47	15 49	1 48	21 7	12 13	23 16	23 13	22 22	13 43	0 18
W18	23 22	22 45	0n18	25 19	1 54	14 56	2 8	8 7	1 22	15 42	1 8	22 38	0 41	8 6	0 47	15 49	1 48	21 6	12 13	23 16	23 13	22 23	13 45	0 19
T 19	23 24	19 36	1 37	25 20	1 57	15 17	2 8	8 20	1 22	15 41	1 8	22 38	0 41	8 6	0 47	15 49	1 48	21 6	12 13	23 16	23 14	22 24	13 46	0 19
F 20	23 25	15 21	2 49	25 19	2 0	15 38	2 7	8 33	1 22	15 40	1 8	22 38	0 40	8 6	0 47	15 48	1 48	21 5	12 12	23 16	23 14	22 25	13 48	0 19
S 21	23 26	10 25	3 48	25 17	2 3	15 58	2 6	8 46	1 22	15 39	1 7	22 37	0 40	8 6	0 47	15 48	1 48	21 5	12 12	23 16	23 14	22 26	13 50	0 20
S 22	23 26	5 9	4 32	25 13	2 5	16 18	2 5	8 58	1 22	15 38	1 7	22 37	0 40	8 6	0 47	15 48	1 48	21 4	12 12	23 16	23 14	22 27	13 52	0 20
M23	23 26	0n 9	5 2	25 8	2 7	16 37	2 3	9 11	1 22	15 37	1 7	22 37	0 40	8 6	0 47	15 48	1 48	21 4	12 12	23 16	23 14	22 28	13 54	0 20
T 24	23 25	5 19	5 16	25 2	2 9	16 56	2 2	9 24	1 22	15 37	1 7	22 36	0 40	8 6	0 47	15 47	1 48	21 3	12 11	23 16	23 15	22 29	13 55	0 21
W25	23 24	10 9	5 16	24 54	2 10	17 15	2 1	9 36	1 22	15 36	1 6	22 36	0 40	8 7	0 47	15 47	1 47	21 3	12 11	23 16	23 15	22 30	13 57	0 21
T 26	23 22	14 31	5 1	24 44	2 11	17 33	1 59	9 48	1 22	15 35	1 6	22 36	0 40	8 7	0 47	15 47	1 47	21 2	12 11	23 16	23 15	22 31	13 59	0 21
F 27	23 20	18 16	4 34	24 33	2 12	17 51	1 58	10 1	1 22	15 35	1 6	22 36	0 40	8 7	0 47	15 46	1 47	21 2	12 11	23 16	23 15	22 32	14 0	0 22
S 28	23 17	21 17	3 55	24 20	2 12	18 8	1 56	10 13	1 22	15 34	1 6	22 35	0 40	8 7	0 47	15 46	1 47	21 1	12 11	23 16	23 15	22 33	14 2	0 22
S 29	23 14	23 23	3 6	24 6	2 11	18 25	1 55	10 25	1 22	15 34	1 5	22 35	0 40	8 8	0 47	15 46	1 47	21 0	12 10	23 16	23 15	22 34	14 4	0 22
M30	23 11	24 28	2 9	23 50	2 10	18 41	1 53	10 37	1 22	15 33	1 5	22 35	0 40	8 8	0 47	15 46	1 47	21 0	12 10	23 16	23 16	22 35	14 5	0 23
T 31	23s 7	24n26	1n 6	23s33	2s 8	18s57	1n51	10s49	1n22	15n33	1s 5	22s34	0n40	8n 8	0n47	15n46	1s47	20s59	12s10	23s16	23s16	22n35	14s 7	0n23

Julian Day Number = 2469045.5, Delta T = 73.98 sec
Ecliptic obliquity = 23°26'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°24'35, Lahiri = 24°31'35