Astrodienst Ephemeris Tables

for the year 2248

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 2248
geocentric

JANUARY 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 39 38	9♑39'43	24♒34	18♐50	17♐25	20♑54	21♓27	6♏17	2♒44	12°R 4	14♐51	8°R 7	8♈32	4♑ 9	0♐20	S 1
S 2	6 43 34	10°40'51	6♓46	19°18	18°40	21°41	21°36	6°21	2°48	12♌ 3	14°53	8♈ 1	8°29	4°16	0°27	S 2
M 3	6 47 31	11°42'00	19° 9	19°52	19°55	22°27	21°45	6°25	2°51	12° 1	14°55	7°58	8°26	4°22	0°34	M 3
T 4	6 51 28	12°43'08	1♈48	20°33	21°10	23°14	21°54	6°30	2°55	12° 0	14°58	7°57	8°22	4°29	0°41	T 4
W 5	6 55 24	13°44'16	14°47	21°19	22°25	24° 0	22° 4	6°34	2°58	11°59	15° 0	7°57	8°19	4°36	0°48	W 5
T 6	6 59 21	14°45'24	28°10	22°10	23°40	24°47	22°13	6°38	3° 1	11°57	15° 2	7°57	8°16	4°42	0°54	T 6
F 7	7 3 17	15°46'32	12♉ 0	23° 5	24°55	25°33	22°22	6°42	3° 5	11°56	15° 4	7°55	8°13	4°49	1° 1	F 7
S 8	7 7 14	16°47'40	26°18	24° 3	26°11	26°20	22°32	6°46	3° 8	11°54	15° 6	7°50	8°10	4°56	1° 8	S 8
S 9	7 11 10	17°48'48	11♊ 3	25° 5	27°26	27° 7	22°42	6°50	3°12	11°53	15° 8	7°43	8° 6	5° 3	1°14	S 9
M10	7 15 7	18°49'55	26°10	26°10	28°41	27°53	22°52	6°54	3°15	11°51	15°10	7°33	8° 3	5° 9	1°21	M10
T 11	7 19 4	19°51'02	11♋28	27°18	29°56	28°40	23° 2	6°57	3°18	11°50	15°12	7°22	8° 0	5°16	1°27	T 11
W12	7 23 0	20°52'09	26°48	28°28	1♑11	29°27	23°12	7° 1	3°22	11°48	15°14	7°11	7°57	5°23	1°33	W12
T 13	7 26 57	21°53'16	11♌57	29°40	2°26	0♒13	23°22	7° 4	3°25	11°47	15°16	7° 1	7°54	5°30	1°40	T 13
F 14	7 30 53	22°54'23	26°45	0♑54	3°41	1° 0	23°33	7° 8	3°29	11°45	15°18	6°53	7°51	5°36	1°46	F 14
S 15	7 34 50	23°55'30	11♍ 6	2°10	4°56	1°47	23°43	7°11	3°32	11°43	15°20	6°48	7°47	5°43	1°52	S 15
S 16	7 38 46	24°56'36	24°57	3°27	6°12	2°34	23°54	7°14	3°36	11°42	15°22	6°45	7°44	5°50	1°58	S 16
M17	7 42 43	25°57'43	8♎18	4°45	7°27	3°21	24° 5	7°18	3°39	11°40	15°24	6°D45	7°41	5°56	2° 4	M17
T 18	7 46 39	26°58'49	21°13	6° 5	8°42	4° 8	24°16	7°21	3°43	11°39	15°26	6°R45	7°38	6° 3	2°10	T 18
W19	7 50 36	27°59'56	3♏46	7°26	9°57	4°55	24°27	7°24	3°46	11°37	15°28	6°45	7°35	6°10	2°16	W19
T 20	7 54 33	29° 1'02	16° 1	8°48	11°12	5°42	24°38	7°26	3°50	11°35	15°29	6°44	7°32	6°17	2°22	T 20
F 21	7 58 29	0♒ 2'08	28° 4	10°11	12°27	6°29	24°49	7°29	3°53	11°34	15°31	6°40	7°28	6°23	2°27	F 21
S 22	8 2 26	1° 3'15	9♐59	11°35	13°43	7°16	25° 0	7°32	3°57	11°32	15°33	6°33	7°25	6°30	2°33	S 22
S 23	8 6 22	2° 4'20	21°50	13° 0	14°58	8° 3	25°12	7°34	4° 1	11°30	15°35	6°24	7°22	6°37	2°39	S 23
M24	8 10 19	3° 5'26	3♑41	14°26	16°13	8°50	25°23	7°37	4° 4	11°29	15°37	6°13	7°19	6°43	2°44	M24
T 25	8 14 15	4° 6'31	15°34	15°53	17°28	9°37	25°35	7°39	4° 8	11°27	15°38	6° 0	7°16	6°50	2°50	T 25
W26	8 18 12	5° 7'35	27°30	17°20	18°43	10°24	25°46	7°42	4°11	11°25	15°40	5°48	7°12	6°57	2°55	W26
T 27	8 22 8	6° 8'39	9♒31	18°48	19°59	11°11	25°58	7°44	4°15	11°24	15°42	5°36	7° 9	7° 4	3° 0	T 27
F 28	8 26 5	7° 9'42	21°38	20°17	21°14	11°58	26°10	7°46	4°18	11°22	15°43	5°26	7° 6	7°10	3° 5	F 28
S 29	8 30 2	8°10'44	3♓52	21°46	22°29	12°46	26°22	7°48	4°22	11°20	15°45	5°19	7° 3	7°17	3°10	S 29
S 30	8 33 58	9°11'46	16°15	23°16	23°44	13°33	26°34	7°50	4°25	11°19	15°46	5°14	7° 0	7°24	3°15	S 30
M31	8 37 55	10♒12'46	28♓49	24♑47	24♑59	14♒20	26♓46	7♏51	4♒29	11♌17	15♐48	5♈12	6♈57	7♑31	3♐20	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	23s 3	16s34	3s27	20s14	2n43	21s57	0n52	22s48	1s 1	4s30	1s13	11s21	2n22	20s 4	0s33	17n 3	0s 7	11s49	10n48	3n13	3n23	28s28	17s12	3n 4
S 2	22 59	11 26	2 37	20 22	2 37	22 6	0 49	22 41	1 1	4 26	1 13	11 23	2 23	20 3	0 33	17 3	0 7	11 49	10 48	3 11	3 21	28 28	17 13	3 4
M 3	22 54	5 47	1 38	20 32	2 30	22 15	0 47	22 33	1 2	4 23	1 12	11 24	2 23	20 2	0 33	17 4	0 6	11 50	10 48	3 10	3 20	28 28	17 14	3 5
T 4	22 48	0n13	0 32	20 42	2 22	22 23	0 45	22 26	1 2	4 19	1 12	11 25	2 23	20 2	0 33	17 4	0 6	11 50	10 48	3 9	3 19	28 28	17 15	3 5
W 5	22 42	6 22	0n36	20 54	2 14	22 30	0 42	22 18	1 2	4 15	1 12	11 26	2 23	20 1	0 33	17 5	0 6	11 50	10 48	3 9	3 18	28 28	17 16	3 5
T 6	22 36	12 26	1 45	21 5	2 6	22 36	0 40	22 10	1 2	4 11	1 12	11 27	2 23	20 0	0 33	17 5	0 6	11 50	10 48	3 9	3 16	28 27	17 17	3 6
F 7	22 29	18 6	2 49	21 16	1 57	22 42	0 37	22 1	1 2	4 7	1 12	11 28	2 24	19 59	0 33	17 5	0 6	11 50	10 48	3 8	3 15	28 27	17 18	3 6
S 8	22 21	22 57	3 46	21 28	1 49	22 47	0 34	21 53	1 3	4 3	1 12	11 29	2 24	19 58	0 33	17 6	0 6	11 50	10 48	3 6	3 14	28 27	17 19	3 7
S 9	22 14	26 31	4 29	21 39	1 40	22 51	0 32	21 44	1 3	3 59	1 11	11 30	2 24	19 58	0 33	17 6	0 6	11 50	10 48	3 3	3 13	28 27	17 19	3 7
M10	22 5	28 16	4 55	21 50	1 31	22 55	0 29	21 35	1 3	3 55	1 11	11 31	2 24	19 57	0 33	17 7	0 6	11 50	10 48	3 0	3 11	28 27	17 20	3 8
T 11	21 57	27 53	5 0	22 1	1 22	22 58	0 27	21 26	1 3	3 51	1 11	11 32	2 25	19 56	0 33	17 7	0 6	11 50	10 49	2 55	3 10	28 26	17 21	3 8
W12	21 47	25 24	4 43	22 11	1 13	23 0	0 24	21 16	1 3	3 47	1 11	11 33	2 25	19 55	0 33	17 7	0 6	11 51	10 49	2 51	3 9	28 26	17 22	3 9
T 13	21 38	21 8	4 7	22 20	1 4	23 2	0 22	21 7	1 3	3 43	1 11	11 34	2 25	19 54	0 33	17 8	0 6	11 51	10 49	2 47	3 8	28 26	17 22	3 9
F 14	21 28	15 38	3 15	22 29	0 55	23 2	0 19	20 57	1 3	3 38	1 10	11 35	2 25	19 54	0 33	17 8	0 6	11 51	10 49	2 44	3 6	28 26	17 23	3 10
S 15	21 18	9 25	2 11	22 37	0 46	23 3	0 17	20 46	1 4	3 34	1 10	11 36	2 25	19 53	0 33	17 9	0 6	11 51	10 49	2 42	3 5	28 25	17 24	3 10
S 16	21 7	2 57	1 2	22 44	0 38	23 2	0 14	20 36	1 4	3 30	1 10	11 37	2 26	19 52	0 33	17 9	0 6	11 51	10 49	2 41	3 4	28 25	17 25	3 11
M17	20 56	3s25	0s 8	22 50	0 29	23 1	0 11	20 25	1 4	3 25	1 10	11 38	2 26	19 51	0 33	17 10	0 6	11 51	10 49	2 41	3 3	28 25	17 25	3 11
T 18	20 44	9 27	1 16	22 55	0 21	22 59	0 9	20 14	1 4	3 21	1 10	11 38	2 26	19 50	0 33	17 10	0 6	11 51	10 50	2 41	3 1	28 25	17 26	3 12
W19	20 32	14 55	2 18	23 0	0 13	22 56	0 6	20 3	1 4	3 16	1 10	11 39	2 26	19 50	0 33	17 11	0 6	11 51	10 50	2 41	3 0	28 24	17 27	3 13
T 20	20 20	19 41	3 12	23 3	0 4	22 53	0 4	19 52	1 4	3 12	1 10	11 40	2 27	19 49	0 33	17 11	0 6	11 51	10 50	2 40	2 59	28 24	17 27	3 13
F 21	20 7	23 33	3 57	23 5	0s 4	22 49	0 1	19 40	1 4	3 7	1 9	11 41	2 27	19 48	0 33	17 12	0 6	11 51	10 50	2 39	2 58	28 24	17 28	3 14
S 22	19 54	26 23	4 31	23 6	0 11	22 44	0s 2	19 28	1 4	3 3	1 9	11 41	2 27	19 47	0 33	17 12	0 6	11 51	10 50	2 36	2 56	28 23	17 28	3 14
S 23	19 40	28 2	4 53	23 5	0 19	22 38	0 4	19 16	1 4	2 58	1 9	11 42	2 27	19 46	0 33	17 13	0 6	11 51	10 50	2 32	2 55	28 23	17 29	3 15
M24	19 27	28 23	5 2	23 4	0 26	22 32	0 7	19 4	1 5	2 53	1 9	11 42	2 28	19 45	0 33	17 13	0 6	11 51	10 51	2 28	2 54	28 23	17 29	3 15
T 25	19 12	27 26	4 58	23 1	0 34	22 25	0 9	18 52	1 5	2 49	1 9	11 43	2 28	19 45	0 33	17 13	0 6	11 51	10 51	2 23	2 53	28 22	17 30	3 16
W26	18 58	25 14	4 41	22 58	0 41	22 18	0 12	18 39	1 5	2 44	1 9	11 43	2 28	19 44	0 33	17 14	0 6	11 51	10 51	2 18	2 51	28 22	17 30	3 16
T 27	18 43	21 54	4 12	22 52	0 47	22 10	0 14	18 26	1 5	2 39	1 9	11 44	2 28	19 43	0 33	17 14	0 6	11 51	10 51	2 13	2 50	28 22	17 31	3 17
F 28	18 28	17 36	3 31	22 46	0 54	22 1	0 17	18 13	1 5	2 34	1 8	11 44	2 29	19 42	0 33	17 15	0 6	11 51	10 51	2 9	2 49	28 21	17 31	3 17
S 29	18 12	12 33	2 39	22 39	1 0	21 51	0 19	18 0	1 5	2 29	1 8	11 45	2 29	19 41	0 33	17 15	0 6	11 51	10 51	2 7	2 48	28 21	17 31	3 18
S 30	17 56	6 57	1 40	22 30	1 6	21 41	0 22	17 46	1 5	2 24	1 8	11 45	2 29	19 40	0 33	17 16	0 6	11 51	10 52	2 5	2 46	28 20	17 32	3 19
M31	17s40	1s 0	0s34	22s20	1s12	21s30	0s24	17s33	1s 5	2s19	1s 8	11s45	2n29	19s40	0s33	17n16	0s 6	11s51	10n52	2n 4	2n45	28s20	17s32	3n19

Julian Day Number = 2542124.5, Delta T = 217.79 sec
Ecliptic obliquity = 23°24'34, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'23, Lahiri = 27°19'23

ASTRODIENST EPHEMERIS for the year 2248
geocentric

FEBRUARY 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 41 51	11♒13'45	11♈35	26♉18	26♉15	15♒ 7	26♓58	7♏53	4♒32	11°R15	15♐50	5°D12	6♈53	7♉37	3♐25	T 1
W 2	8 45 48	12°14'43	24°37	27°50	27°30	15°55	27°11	7°55	4°36	11♌14	15°51	5♈13	6°50	7°44	3°30	W 2
T 3	8 49 44	13°15'40	7♉57	29°23	28°45	16°42	27°23	7°56	4°39	11°12	15°53	5°R14	6°47	7°51	3°34	T 3
F 4	8 53 41	14°16'36	21°39	0♒57	0♒ 0	17°29	27°35	7°57	4°43	11°10	15°54	5°14	6°44	7°57	3°39	F 4
S 5	8 57 37	15°17'31	5♊43	2°31	1°15	18°16	27°48	7°59	4°46	11° 8	15°55	5°12	6°41	8° 4	3°43	S 5
S 6	9 1 34	16°18'24	20° 9	4° 6	2°30	19° 4	28° 1	8° 0	4°50	11° 7	15°57	5° 8	6°37	8°11	3°48	S 6
M 7	9 5 31	17°19'16	4♋54	5°41	3°46	19°51	28°13	8° 1	4°53	11° 5	15°58	5° 2	6°34	8°18	3°52	M 7
T 8	9 9 27	18°20'07	19°52	7°17	5° 1	20°38	28°26	8° 2	4°57	11° 3	16° 0	4°55	6°31	8°24	3°56	T 8
W 9	9 13 24	19°20'57	4♌54	8°54	6°16	21°26	28°39	8° 3	5° 0	11° 2	16° 1	4°47	6°28	8°31	4° 0	W 9
T 10	9 17 20	20°21'45	19°51	10°32	7°31	22°13	28°52	8° 3	5° 4	11° 0	16° 2	4°41	6°25	8°38	4° 4	T 10
F 11	9 21 17	21°22'32	4♍34	12°11	8°46	23° 0	29° 5	8° 4	5° 7	10°58	16° 3	4°36	6°22	8°45	4° 8	F 11
S 12	9 25 13	22°23'18	18°56	13°50	10° 1	23°48	29°18	8° 4	5°10	10°57	16° 5	4°33	6°18	8°51	4°12	S 12
S 13	9 29 10	23°24'03	2♎52	15°30	11°17	24°35	29°31	8° 5	5°14	10°55	16° 6	4°D31	6°15	8°58	4°15	S 13
M14	9 33 6	24°24'46	16°21	17°10	12°32	25°23	29°44	8° 5	5°17	10°53	16° 7	4°32	6°12	9° 5	4°19	M14
T 15	9 37 3	25°25'29	29°23	18°52	13°47	26°10	29°57	8° 5	5°21	10°52	16° 8	4°33	6° 9	9°11	4°22	T 15
W16	9 41 0	26°26'11	12♏ 2	20°34	15° 2	26°57	0♈11	8°R 5	5°24	10°50	16° 9	4°35	6° 6	9°18	4°26	W16
T 17	9 44 56	27°26'51	24°22	22°18	16°17	27°45	0°24	8° 5	5°27	10°49	16°10	4°R36	6° 3	9°25	4°29	T 17
F 18	9 48 53	28°27'31	6♐28	24° 2	17°32	28°32	0°37	8° 5	5°31	10°47	16°11	4°36	5°59	9°32	4°32	F 18
S 19	9 52 49	29°28'10	18°25	25°47	18°47	29°20	0°51	8° 5	5°34	10°45	16°12	4°34	5°56	9°38	4°35	S 19
S 20	9 56 46	0♓28'47	0♑16	27°32	20° 2	0♓ 7	1° 4	8° 5	5°37	10°44	16°13	4°30	5°53	9°45	4°38	S 20
M21	10 0 42	1°29'23	12° 8	29°19	21°17	0°55	1°18	8° 4	5°41	10°42	16°14	4°25	5°50	9°52	4°41	M21
T 22	10 4 39	2°29'58	24° 2	1♓ 7	22°33	1°42	1°32	8° 4	5°44	10°41	16°15	4°20	5°47	9°58	4°44	T 22
W23	10 8 35	3°30'32	6♒ 3	2°55	23°48	2°29	1°45	8° 3	5°47	10°39	16°16	4°14	5°43	10° 5	4°46	W23
T 24	10 12 32	4°31'04	18°11	4°44	25° 3	3°17	1°59	8° 2	5°50	10°38	16°17	4° 8	5°40	10°12	4°49	T 24
F 25	10 16 29	5°31'34	0♓30	6°34	26°18	4° 4	2°13	8° 1	5°53	10°36	16°18	4° 4	5°37	10°19	4°51	F 25
S 26	10 20 25	6°32'03	12°59	8°25	27°33	4°52	2°27	8° 1	5°57	10°35	16°19	4° 1	5°34	10°25	4°54	S 26
S 27	10 24 22	7°32'31	25°40	10°17	28°48	5°39	2°40	7°59	6° 0	10°33	16°19	3°59	5°31	10°32	4°56	S 27
M28	10 28 18	8°32'56	8♈32	12° 9	0♓ 3	6°27	2°54	7°58	6° 3	10°32	16°20	3°D59	5°28	10°39	4°58	M28
T 29	10 32 15	9♓33'20	21♈38	14♓ 2	1♓18	7♓14	3♈ 8	7♏57	6♒ 6	10♌30	16♐21	4♈ 0	5♈24	10♉46	5♐ 0	T 29

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	17s23	5n 6	0n34	22s 8	1s18	21s18	0s26	17s19	1s 5	2s14	1s 8	11s46	2n30	19s39	0s33	17n17	0s 6	11s51	10n52	2n 4	2n44	28s20	17s32	3n20
W 2	17 6	11 7	1 42	21 55	1 23	21 6	0 29	17 5	1 5	2 9	1 8	11 46	2 30	19 38	0 33	17 17	0 6	11 51	10 52	2 4	2 43	28 19	17 33	3 20
T 3	16 49	16 46	2 47	21 41	1 28	20 53	0 31	16 51	1 5	2 4	1 8	11 46	2 30	19 37	0 33	17 18	0 6	11 51	10 52	2 5	2 41	28 19	17 33	3 21
F 4	16 32	21 45	3 43	21 26	1 33	20 40	0 33	16 36	1 5	1 59	1 8	11 46	2 30	19 36	0 34	17 18	0 6	11 51	10 53	2 5	2 40	28 18	17 33	3 22
S 5	16 14	25 37	4 28	21 9	1 37	20 26	0 36	16 22	1 5	1 54	1 7	11 46	2 31	19 35	0 34	17 19	0 6	11 50	10 53	2 4	2 39	28 18	17 34	3 22
S 6	15 56	27 59	4 57	20 51	1 42	20 11	0 38	16 7	1 5	1 49	1 7	11 47	2 31	19 35	0 34	17 19	0 6	11 50	10 53	2 2	2 38	28 17	17 34	3 23
M 7	15 37	28 26	5 7	20 32	1 46	19 56	0 40	15 52	1 5	1 44	1 7	11 47	2 31	19 34	0 34	17 20	0 6	11 50	10 53	2 0	2 36	28 17	17 34	3 23
T 8	15 19	26 50	4 57	20 11	1 49	19 40	0 42	15 37	1 5	1 39	1 7	11 47	2 31	19 33	0 34	17 20	0 6	11 50	10 54	1 57	2 35	28 17	17 34	3 24
W 9	15 0	23 19	4 26	19 49	1 52	19 24	0 44	15 22	1 5	1 34	1 7	11 47	2 32	19 32	0 34	17 21	0 6	11 50	10 54	1 54	2 34	28 16	17 34	3 25
T 10	14 41	18 17	3 37	19 26	1 55	19 7	0 46	15 7	1 5	1 28	1 7	11 47	2 32	19 31	0 34	17 21	0 6	11 50	10 54	1 51	2 33	28 16	17 34	3 25
F 11	14 22	12 13	2 35	19 1	1 58	18 49	0 48	14 51	1 5	1 23	1 7	11 47	2 32	19 30	0 34	17 21	0 6	11 50	10 54	1 49	2 31	28 15	17 34	3 26
S 12	14 2	5 39	1 23	18 35	2 0	18 31	0 50	14 35	1 5	1 18	1 7	11 47	2 32	19 30	0 34	17 22	0 6	11 50	10 55	1 48	2 30	28 15	17 34	3 27
S 13	13 42	1s 0	0 9	18 7	2 2	18 13	0 52	14 20	1 5	1 13	1 7	11 46	2 33	19 29	0 34	17 22	0 6	11 50	10 55	1 48	2 29	28 14	17 35	3 27
M14	13 22	7 24	1s 4	17 38	2 4	17 53	0 54	14 4	1 5	1 7	1 6	11 46	2 33	19 28	0 34	17 23	0 6	11 49	10 55	1 48	2 28	28 14	17 35	3 28
T 15	13 2	13 17	2 11	17 8	2 5	17 34	0 56	13 47	1 4	1 2	1 6	11 46	2 33	19 27	0 34	17 23	0 6	11 49	10 55	1 49	2 26	28 13	17 35	3 28
W16	12 41	18 26	3 10	16 36	2 6	17 14	0 58	13 31	1 4	0 57	1 6	11 46	2 33	19 26	0 34	17 24	0 6	11 49	10 56	1 49	2 25	28 12	17 35	3 29
T 17	12 21	22 41	3 58	16 3	2 6	16 53	1 0	13 15	1 4	0 51	1 6	11 46	2 34	19 26	0 34	17 24	0 6	11 49	10 56	1 50	2 24	28 12	17 34	3 30
F 18	12 0	25 52	4 35	15 29	2 6	16 32	1 1	12 58	1 4	0 46	1 6	11 45	2 34	19 25	0 34	17 25	0 6	11 49	10 56	1 49	2 23	28 11	17 34	3 30
S 19	11 39	27 52	4 59	14 53	2 6	16 10	1 3	12 42	1 4	0 40	1 6	11 45	2 34	19 24	0 34	17 25	0 6	11 49	10 56	1 49	2 21	28 11	17 34	3 31
S 20	11 17	28 35	5 10	14 16	2 5	15 48	1 5	12 25	1 4	0 35	1 6	11 45	2 34	19 23	0 34	17 26	0 6	11 48	10 57	1 47	2 20	28 10	17 34	3 32
M21	10 56	27 58	5 8	13 37	2 3	15 26	1 6	12 8	1 4	0 29	1 6	11 44	2 35	19 22	0 34	17 26	0 6	11 48	10 57	1 45	2 19	28 10	17 34	3 32
T 22	10 34	26 5	4 53	12 57	2 1	15 3	1 8	11 51	1 4	0 24	1 6	11 44	2 35	19 22	0 34	17 26	0 6	11 48	10 57	1 43	2 18	28 9	17 34	3 33
W23	10 12	23 1	4 25	12 16	1 59	14 40	1 9	11 34	1 4	0 18	1 6	11 44	2 35	19 21	0 34	17 27	0 6	11 48	10 57	1 41	2 16	28 9	17 34	3 34
T 24	9 51	18 55	3 44	11 34	1 56	14 16	1 11	11 17	1 4	0 13	1 6	11 43	2 35	19 20	0 34	17 27	0 6	11 48	10 58	1 39	2 15	28 8	17 34	3 34
F 25	9 28	13 59	2 53	10 50	1 53	13 52	1 12	10 59	1 3	0 7	1 6	11 43	2 36	19 19	0 34	17 28	0 6	11 48	10 58	1 37	2 14	28 7	17 33	3 35
S 26	9 6	8 24	1 53	10 5	1 49	13 27	1 13	10 42	1 3	0 2	1 5	11 42	2 36	19 19	0 34	17 28	0 6	11 47	10 58	1 36	2 13	28 7	17 33	3 36
S 27	8 44	2 25	0 45	9 19	1 44	13 2	1 14	10 24	1 3	0n 4	1 5	11 41	2 36	19 18	0 34	17 29	0 6	11 47	10 59	1 35	2 11	28 6	17 33	3 36
M28	8 21	3n46	0n25	8 31	1 39	12 37	1 16	10 7	1 3	0 9	1 5	11 41	2 36	19 17	0 34	17 29	0 6	11 47	10 59	1 35	2 10	28 5	17 33	3 37
T 29	7s59	9n54	1n35	7s43	1s34	12s12	1s17	9s49	1s 3	0n15	1s 5	11s40	2n37	19s16	0s34	17n29	0s 6	11s47	10n59	1n35	2n 9	28s 5	17s32	3n38

Julian Day Number = 2542155.5, Delta T = 217.90 sec
Ecliptic obliquity = 23°24'34, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'27, Lahiri = 27°19'28

ASTRODIENST EPHEMERIS for the year 2248
geocentric

MARCH 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 36 11	10♓33'42	4♉55	15♓55	2♓33	8♓ 1	3♈22	7°R56	6♒ 9	10°R29	16♐21	4♈ 1	5♈21	10♉52	5♐ 2	W 1
T 2	10 40 8	11°34'03	18°27	17°49	3°48	8°49	3°36	7♏54	6°12	10♑27	16°22	4° 3	5°18	10°59	5° 4	T 2
F 3	10 44 4	12°34'21	2♊13	19°43	5° 3	9°36	3°50	7°53	6°15	10°26	16°22	4° 4	5°15	11° 6	5° 5	F 3
S 4	10 48 1	13°34'37	16°12	21°37	6°18	10°24	4° 4	7°51	6°18	10°25	16°23	4°R 4	5°12	11°12	5° 7	S 4
S 5	10 51 58	14°34'52	0♋25	23°32	7°33	11°11	4°19	7°49	6°21	10°23	16°23	4° 3	5° 9	11°19	5° 8	S 5
M 6	10 55 54	15°35'04	14°49	25°25	8°48	11°58	4°33	7°47	6°24	10°22	16°24	4° 2	5° 5	11°26	5°10	M 6
T 7	10 59 51	16°35'14	29°20	27°19	10° 3	12°46	4°47	7°45	6°27	10°21	16°24	4° 0	5° 2	11°33	5°11	T 7
W 8	11 3 47	17°35'22	13♌54	29°11	11°18	13°33	5° 1	7°43	6°30	10°19	16°25	3°58	4°59	11°39	5°12	W 8
T 9	11 7 44	18°35'28	28°24	1♈ 2	12°33	14°20	5°15	7°41	6°33	10°18	16°25	3°55	4°56	11°46	5°13	T 9
F 10	11 11 40	19°35'32	12♍45	2°52	13°48	15° 8	5°30	7°39	6°35	10°17	16°26	3°54	4°53	11°53	5°14	F 10
S 11	11 15 37	20°35'35	26°51	4°39	15° 3	15°55	5°44	7°37	6°38	10°16	16°26	3°53	4°49	11°59	5°15	S 11
S 12	11 19 33	21°35'35	10♎38	6°24	16°17	16°42	5°58	7°34	6°41	10°14	16°26	3°D53	4°46	12° 6	5°15	S 12
M13	11 23 30	22°35'33	24° 4	8° 6	17°32	17°30	6°13	7°32	6°44	10°13	16°26	3°54	4°43	12°13	5°16	M13
T 14	11 27 27	23°35'30	7♏ 8	9°44	18°47	18°17	6°27	7°29	6°46	10°12	16°26	3°55	4°40	12°20	5°16	T 14
W15	11 31 23	24°35'26	19°51	11°19	20° 2	19° 4	6°41	7°27	6°49	10°11	16°27	3°56	4°37	12°26	5°17	W15
T 16	11 35 20	25°35'19	2♐15	12°49	21°17	19°51	6°56	7°24	6°52	10°10	16°27	3°57	4°34	12°33	5°17	T 16
F 17	11 39 16	26°35'11	14°25	14°14	22°32	20°39	7°10	7°21	6°54	10° 9	16°27	3°57	4°30	12°40	5°17	F 17
S 18	11 43 13	27°35'02	26°24	15°33	23°46	21°26	7°25	7°18	6°57	10° 8	16°27	3°R57	4°27	12°47	5°R17	S 18
S 19	11 47 9	28°34'50	8♑18	16°46	25° 1	22°13	7°39	7°15	6°59	10° 7	16°R27	3°57	4°24	12°53	5°17	S 19
M20	11 51 6	29°34'37	20°10	17°53	26°16	23° 0	7°54	7°12	7° 2	10° 6	16°27	3°57	4°21	13° 0	5°17	M20
T 21	11 55 2	0♈34'22	2♒ 6	18°53	27°31	23°47	8° 8	7° 9	7° 4	10° 5	16°27	3°56	4°18	13° 7	5°17	T 21
W22	11 58 59	1°34'06	14°10	19°46	28°46	24°34	8°23	7° 6	7° 7	10° 4	16°27	3°56	4°15	13°13	5°16	W22
T 23	12 2 56	2°33'47	26°24	20°31	0♈ 0	25°21	8°37	7° 2	7° 9	10° 3	16°27	3°56	4°11	13°20	5°16	T 23
F 24	12 6 52	3°33'27	8♓52	21° 8	1°15	26° 9	8°52	6°59	7°11	10° 2	16°27	3°D56	4° 8	13°27	5°15	F 24
S 25	12 10 49	4°33'05	21°35	21°38	2°30	26°56	9° 6	6°55	7°14	10° 1	16°26	3°56	4° 5	13°34	5°14	S 25
S 26	12 14 45	5°32'41	4♈35	21°59	3°44	27°43	9°21	6°52	7°16	10° 1	16°26	3°R56	4° 2	13°40	5°13	S 26
M27	12 18 42	6°32'15	17°51	22°13	4°59	28°30	9°35	6°48	7°18	10° 0	16°26	3°56	3°59	13°47	5°12	M27
T 28	12 22 38	7°31'47	1♉21	22°R18	6°14	29°17	9°50	6°45	7°20	9°59	16°26	3°56	3°55	13°54	5°11	T 28
W29	12 26 35	8°31'16	15° 5	22°16	7°28	0♈ 4	10° 4	6°41	7°22	9°58	16°25	3°55	3°52	14° 0	5°10	W29
T 30	12 30 31	9°30'44	29° 0	22° 6	8°43	0°51	10°19	6°37	7°25	9°58	16°25	3°54	3°49	14° 7	5° 9	T 30
F 31	12 34 28	10♈30'09	13♊ 3	21♈49	9♈58	1♈37	10♈34	6♏33	7♒27	9♑57	16♐25	3♈54	3♈46	14♉14	5♐ 7	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	7s36	15n41	2n42	6s53	1s27	11s46	1s18	9s31	1s 3	0n20	1s 5	11s40	2n37	19s16	0s34	17n30	0s 6	11s46	10n59	1n36	2n 7	28s 4	17s32	3n38
T 2	7 13	20 50	3 41	6 3	1 20	11 20	1 19	9 13	1 2	0 26	1 5	11 39	2 37	19 15	0 34	17 30	0 6	11 46	11 0	1 36	2 6	28 3	17 32	3 39
F 3	6 50	24 57	4 28	5 11	1 13	10 53	1 20	8 55	1 2	0 32	1 5	11 38	2 37	19 14	0 34	17 31	0 6	11 46	11 0	1 37	2 5	28 3	17 31	3 40
S 4	6 27	27 40	5 0	4 19	1 5	10 26	1 21	8 37	1 2	0 37	1 5	11 37	2 38	19 13	0 34	17 31	0 6	11 46	11 0	1 37	2 4	28 2	17 31	3 40
S 5	6 4	28 39	5 14	3 26	0 56	9 59	1 21	8 19	1 2	0 43	1 5	11 37	2 38	19 13	0 34	17 31	0 6	11 46	11 1	1 37	2 2	28 1	17 30	3 41
M 6	5 41	27 43	5 9	2 32	0 47	9 32	1 22	8 1	1 2	0 49	1 5	11 36	2 38	19 12	0 34	17 32	0 6	11 45	11 1	1 36	2 1	28 1	17 30	3 42
T 7	5 17	24 54	4 45	1 38	0 37	9 4	1 23	7 42	1 1	0 54	1 5	11 35	2 38	19 11	0 34	17 32	0 6	11 45	11 1	1 35	2 0	28 0	17 29	3 42
W 8	4 54	20 30	4 2	0 44	0 27	8 36	1 24	7 24	1 1	1 0	1 5	11 34	2 38	19 11	0 34	17 32	0 6	11 45	11 1	1 34	1 59	27 59	17 29	3 43
T 9	4 30	14 53	3 4	0n10	0 16	8 8	1 24	7 6	1 1	1 6	1 5	11 33	2 39	19 10	0 34	17 33	0 6	11 45	11 2	1 33	1 57	27 59	17 29	3 44
F 10	4 7	8 31	1 54	1 4	0 5	7 40	1 25	6 47	1 1	1 11	1 5	11 32	2 39	19 9	0 34	17 33	0 6	11 44	11 2	1 33	1 56	27 58	17 28	3 44
S 11	3 43	1 51	0 39	1 58	0n 7	7 12	1 25	6 29	1 0	1 17	1 5	11 31	2 39	19 8	0 34	17 33	0 6	11 44	11 2	1 33	1 55	27 57	17 27	3 45
S 12	3 20	4s47	0s37	2 50	0 20	6 43	1 25	6 10	1 0	1 23	1 5	11 30	2 39	19 8	0 34	17 34	0 6	11 44	11 3	1 33	1 54	27 56	17 27	3 46
M13	2 56	11 1	1 49	3 42	0 32	6 14	1 26	5 51	1 0	1 28	1 5	11 29	2 39	19 7	0 34	17 34	0 6	11 44	11 3	1 33	1 52	27 56	17 26	3 46
T 14	2 32	16 37	2 54	4 33	0 45	5 45	1 26	5 33	1 0	1 34	1 5	11 28	2 40	19 7	0 34	17 34	0 6	11 43	11 3	1 33	1 51	27 55	17 26	3 47
W15	2 9	21 20	3 48	5 22	0 59	5 16	1 26	5 14	0 59	1 40	1 5	11 27	2 40	19 6	0 34	17 35	0 6	11 43	11 3	1 34	1 50	27 54	17 25	3 48
T 16	1 45	24 59	4 30	6 9	1 12	4 47	1 26	4 55	0 59	1 46	1 5	11 26	2 40	19 5	0 34	17 35	0 6	11 43	11 4	1 34	1 49	27 53	17 25	3 48
F 17	1 21	27 27	4 59	6 55	1 25	4 17	1 26	4 36	0 59	1 51	1 4	11 25	2 40	19 5	0 34	17 35	0 6	11 42	11 4	1 34	1 47	27 53	17 24	3 49
S 18	0 58	28 36	5 14	7 37	1 38	3 48	1 26	4 17	0 58	1 57	1 4	11 24	2 40	19 4	0 34	17 36	0 6	11 42	11 4	1 34	1 46	27 52	17 23	3 50
S 19	0 34	28 24	5 16	8 17	1 51	3 18	1 26	3 59	0 58	2 3	1 4	11 23	2 41	19 3	0 34	17 36	0 6	11 42	11 5	1 34	1 45	27 51	17 23	3 50
M20	0 10	26 55	5 4	8 55	2 4	2 48	1 26	3 40	0 58	2 8	1 4	11 22	2 41	19 3	0 34	17 36	0 6	11 42	11 5	1 34	1 44	27 50	17 22	3 51
T 21	0n14	24 12	4 39	9 29	2 16	2 18	1 26	3 21	0 58	2 14	1 4	11 21	2 41	19 2	0 34	17 36	0 6	11 41	11 5	1 34	1 42	27 49	17 21	3 52
W22	0 37	20 25	4 2	9 59	2 27	1 48	1 26	3 2	0 57	2 20	1 4	11 19	2 41	19 2	0 34	17 37	0 6	11 41	11 5	1 34	1 41	27 49	17 20	3 52
T 23	1 1	15 44	3 13	10 26	2 38	1 18	1 25	2 43	0 57	2 26	1 4	11 18	2 41	19 1	0 34	17 37	0 6	11 41	11 6	1 34	1 40	27 48	17 20	3 53
F 24	1 25	10 19	2 15	10 50	2 48	0 48	1 25	2 24	0 57	2 31	1 4	11 17	2 41	19 0	0 35	17 37	0 6	11 41	11 6	1 34	1 39	27 47	17 19	3 54
S 25	1 48	4 22	1 8	11 9	2 57	0 18	1 25	2 5	0 56	2 37	1 4	11 16	2 42	19 0	0 35	17 37	0 6	11 40	11 6	1 34	1 37	27 46	17 18	3 54
S 26	2 12	1n52	0n 4	11 24	3 5	0n12	1 24	1 46	0 56	2 43	1 4	11 14	2 42	18 59	0 35	17 38	0 6	11 40	11 6	1 34	1 36	27 45	17 17	3 55
M27	2 36	8 10	1 16	11 36	3 11	0 42	1 23	1 27	0 56	2 49	1 4	11 13	2 42	18 59	0 35	17 38	0 5	11 40	11 7	1 34	1 35	27 44	17 16	3 56
T 28	2 59	14 13	2 26	11 43	3 17	1 12	1 23	1 8	0 55	2 54	1 4	11 12	2 42	18 58	0 35	17 38	0 5	11 39	11 7	1 34	1 33	27 44	17 16	3 56
W29	3 23	19 40	3 29	11 45	3 20	1 42	1 22	0 49	0 55	3 0	1 4	11 10	2 42	18 58	0 35	17 38	0 5	11 39	11 7	1 33	1 32	27 43	17 15	3 57
T 30	3 46	24 8	4 20	11 44	3 23	2 12	1 21	0 30	0 54	3 6	1 4	11 9	2 42	18 57	0 35	17 39	0 5	11 39	11 7	1 33	1 31	27 42	17 14	3 58
F 31	4n 9	27n14	4n56	11n38	3n23	2n42	1s21	0s11	0s54	3n11	1s 4	11s 8	2n42	18s57	0s35	17n39	0s 5	11s38	11n 8	1n33	1n30	27s41	17s13	3n58

Julian Day Number = 2542184.5, Delta T = 218.00 sec
Ecliptic obliquity = 23°24'35, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'31, Lahiri = 27°19'32

ASTRODIENST EPHEMERIS for the year 2248
geocentric

APRIL 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 25	11♈29'33	27♊11	21°R26	11♈12	2♈24	10♈48	6°R29	7♒29	9°R56	16°R24	3°R53	3♈43	14♉21	5°R 6	S 1
S 2	12 42 21	12°28'54	11♋23	20♈56	12°27	3°11	11° 3	6♏26	7°31	9♑56	16♐24	3°D53	3°40	14°27	5♐ 4	S 2
M 3	12 46 18	13°28'12	25°36	20°21	13°41	3°58	11°17	6°22	7°33	9°55	16°23	3♈53	3°36	14°34	5° 3	M 3
T 4	12 50 14	14°27'28	9♑48	19°41	14°56	4°45	11°32	6°17	7°34	9°55	16°23	3°54	3°33	14°41	5° 1	T 4
W 5	12 54 11	15°26'42	23°55	18°58	16°10	5°32	11°46	6°13	7°36	9°54	16°22	3°55	3°30	14°48	4°59	W 5
T 6	12 58 7	16°25'53	7♍56	18°12	17°25	6°18	12° 1	6° 9	7°38	9°54	16°22	3°56	3°27	14°54	4°57	T 6
F 7	13 2 4	17°25'02	21°48	17°24	18°39	7° 5	12°15	6° 5	7°40	9°53	16°21	3°57	3°24	15° 1	4°55	F 7
S 8	13 6 0	18°24'09	5♎29	16°35	19°54	7°52	12°30	6° 1	7°41	9°53	16°20	3°R57	3°20	15° 8	4°53	S 8
S 9	13 9 57	19°23'14	18°55	15°46	21° 8	8°38	12°44	5°57	7°43	9°52	16°20	3°56	3°17	15°14	4°51	S 9
M10	13 13 53	20°22'17	2♏ 7	14°58	22°23	9°25	12°59	5°52	7°45	9°52	16°19	3°55	3°14	15°21	4°48	M10
T 11	13 17 50	21°21'18	15° 1	14°13	23°37	10°11	13°13	5°48	7°46	9°52	16°18	3°53	3°11	15°28	4°46	T 11
W12	13 21 47	22°20'17	27°40	13°30	24°52	10°58	13°28	5°44	7°48	9°51	16°18	3°50	3° 8	15°35	4°43	W12
T 13	13 25 43	23°19'14	10♐ 4	12°50	26° 6	11°44	13°42	5°39	7°49	9°51	16°17	3°47	3° 5	15°41	4°41	T 13
F 14	13 29 40	24°18'10	22°14	12°14	27°20	12°31	13°57	5°35	7°51	9°51	16°16	3°44	3° 1	15°48	4°38	F 14
S 15	13 33 36	25°17'04	4♑14	11°43	28°35	13°17	14°11	5°30	7°52	9°51	16°15	3°42	2°58	15°55	4°35	S 15
S 16	13 37 33	26°15'56	16° 9	11°16	29°49	14° 4	14°25	5°26	7°53	9°50	16°14	3°41	2°55	16° 1	4°32	S 16
M17	13 41 29	27°14'46	28° 2	10°55	1♉ 3	14°50	14°40	5°21	7°55	9°50	16°13	3°D40	2°52	16° 8	4°29	M17
T 18	13 45 26	28°13'34	9♒57	10°39	2°18	15°36	14°54	5°17	7°56	9°50	16°13	3°41	2°49	16°15	4°26	T 18
W19	13 49 22	29°12'21	22° 1	10°27	3°32	16°22	15° 8	5°12	7°57	9°50	16°12	3°42	2°46	16°22	4°23	W19
T 20	13 53 19	0♉11'06	4♓17	10°22	4°46	17° 9	15°23	5° 8	7°58	9°D50	16°11	3°44	2°42	16°28	4°20	T 20
F 21	13 57 16	1° 9'49	16°49	10°D21	6° 0	17°55	15°37	5° 3	7°59	9°50	16°10	3°45	2°39	16°35	4°17	F 21
S 22	14 1 12	2° 8'31	29°41	10°25	7°15	18°41	15°51	4°58	8° 0	9°50	16° 9	3°R46	2°36	16°42	4°13	S 22
S 23	14 5 9	3° 7'10	12♈55	10°35	8°29	19°27	16° 5	4°54	8° 1	9°50	16° 8	3°46	2°33	16°48	4°10	S 23
M24	14 9 5	4° 5'48	26°30	10°49	9°43	20°13	16°20	4°49	8° 2	9°50	16° 6	3°44	2°30	16°55	4° 6	M24
T 25	14 13 2	5° 4'24	10♉26	11° 8	10°57	20°59	16°34	4°45	8° 3	9°51	16° 5	3°41	2°26	17° 2	4° 3	T 25
W26	14 16 58	6° 2'58	24°38	11°32	12°11	21°45	16°48	4°40	8° 4	9°51	16° 4	3°37	2°23	17° 9	3°59	W26
T 27	14 20 55	7° 1'31	9♊ 1	12° 0	13°25	22°31	17° 2	4°36	8° 5	9°51	16° 3	3°32	2°20	17°15	3°56	T 27
F 28	14 24 51	8° 0'01	23°30	12°33	14°39	23°17	17°16	4°31	8° 6	9°51	16° 2	3°27	2°17	17°22	3°52	F 28
S 29	14 28 48	8°58'29	7♋59	13° 9	15°54	24° 3	17°30	4°26	8° 6	9°52	16° 1	3°23	2°14	17°29	3°48	S 29
S 30	14 32 45	9♉56'55	22♋23	13♈49	17♉ 8	24♈49	17♈44	4♏22	8♒ 7	9♑52	16♐ 0	3♈20	2♈11	17♉36	3♐44	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	4n32	28n37	5n14	11n28	3n22	3n12	1s20	0n 8	0s54	3n17	1s 4	11s 6	2n43	18s56	0s35	17n39	0s 5	11s38	11n 8	1n33	1n28	27s40	17s12	3n59
S 2	4 56	28 8	5 14	11 15	3 20	3 42	1 19	0 27	0 53	3 23	1 4	11 5	2 43	18 56	0 35	17 39	0 5	11 38	11 8	1 33	1 27	27 39	17 11	4 0
M 3	5 19	25 49	4 54	10 57	3 15	4 12	1 18	0 46	0 53	3 28	1 4	11 4	2 43	18 55	0 35	17 39	0 5	11 38	11 9	1 33	1 26	27 38	17 10	4 0
T 4	5 42	21 54	4 17	10 37	3 9	4 42	1 17	1 5	0 52	3 34	1 4	11 2	2 43	18 55	0 35	17 39	0 5	11 37	11 9	1 33	1 25	27 37	17 9	4 1
W 5	6 4	16 44	3 24	10 13	3 1	5 11	1 16	1 24	0 52	3 40	1 4	11 1	2 43	18 55	0 35	17 40	0 5	11 37	11 9	1 33	1 23	27 36	17 8	4 2
T 6	6 27	10 44	2 19	9 46	2 52	5 41	1 14	1 43	0 52	3 45	1 4	10 59	2 43	18 54	0 35	17 40	0 5	11 37	11 9	1 34	1 22	27 35	17 7	4 2
F 7	6 50	4 16	1 7	9 18	2 41	6 10	1 13	2 1	0 51	3 51	1 4	10 58	2 43	18 54	0 35	17 40	0 5	11 36	11 10	1 34	1 21	27 34	17 6	4 3
S 8	7 12	2s18	0s 8	8 48	2 29	6 40	1 12	2 20	0 51	3 57	1 4	10 56	2 43	18 53	0 35	17 40	0 5	11 36	11 10	1 34	1 20	27 33	17 5	4 4
S 9	7 35	8 40	1 22	8 17	2 15	7 9	1 11	2 39	0 50	4 2	1 4	10 55	2 43	18 53	0 35	17 40	0 5	11 36	11 10	1 34	1 18	27 32	17 4	4 4
M10	7 57	14 32	2 29	7 45	2 1	7 38	1 9	2 58	0 50	4 8	1 4	10 53	2 43	18 52	0 35	17 40	0 5	11 36	11 10	1 33	1 17	27 31	17 3	4 5
T 11	8 19	19 38	3 28	7 13	1 46	8 7	1 8	3 16	0 50	4 13	1 4	10 52	2 44	18 52	0 35	17 40	0 5	11 35	11 10	1 32	1 16	27 31	17 2	4 5
W12	8 41	23 44	4 14	6 42	1 30	8 35	1 6	3 35	0 49	4 19	1 4	10 50	2 44	18 52	0 35	17 40	0 5	11 35	11 11	1 31	1 15	27 30	17 1	4 6
T 13	9 3	26 41	4 48	6 12	1 14	9 4	1 5	3 53	0 49	4 25	1 4	10 49	2 44	18 51	0 35	17 40	0 5	11 35	11 11	1 30	1 13	27 29	17 0	4 7
F 14	9 25	28 19	5 8	5 43	0 57	9 32	1 3	4 12	0 48	4 30	1 5	10 47	2 44	18 51	0 35	17 41	0 5	11 34	11 11	1 29	1 12	27 28	16 59	4 7
S 15	9 46	28 35	5 14	5 15	0 41	10 0	1 1	4 30	0 48	4 36	1 5	10 46	2 44	18 51	0 35	17 41	0 5	11 34	11 11	1 28	1 11	27 26	16 58	4 8
S 16	10 8	27 31	5 7	4 50	0 24	10 28	1 0	4 49	0 47	4 41	1 5	10 44	2 44	18 50	0 35	17 41	0 5	11 34	11 12	1 28	1 10	27 25	16 57	4 8
M17	10 29	25 12	4 47	4 26	0 8	10 55	0 58	5 7	0 47	4 47	1 5	10 43	2 44	18 50	0 35	17 41	0 5	11 33	11 12	1 27	1 8	27 24	16 56	4 9
T 18	10 50	21 48	4 14	4 5	0s 8	11 22	0 56	5 25	0 46	4 52	1 5	10 41	2 44	18 50	0 35	17 41	0 5	11 33	11 12	1 28	1 7	27 23	16 55	4 10
W19	11 11	17 27	3 29	3 47	0 23	11 49	0 54	5 43	0 46	4 58	1 5	10 40	2 44	18 50	0 35	17 41	0 5	11 33	11 12	1 28	1 6	27 22	16 54	4 10
T 20	11 31	12 20	2 35	3 31	0 38	12 16	0 53	6 2	0 45	5 3	1 5	10 38	2 44	18 49	0 35	17 41	0 5	11 33	11 12	1 29	1 4	27 21	16 53	4 11
F 21	11 52	6 36	1 32	3 18	0 52	12 43	0 51	6 20	0 45	5 9	1 5	10 37	2 44	18 49	0 35	17 41	0 5	11 32	11 13	1 29	1 3	27 20	16 51	4 11
S 22	12 12	0 28	0 22	3 7	1 6	13 9	0 49	6 38	0 44	5 14	1 5	10 35	2 44	18 49	0 35	17 41	0 5	11 32	11 13	1 30	1 2	27 19	16 50	4 12
S 23	12 32	5n52	0n50	2 59	1 18	13 34	0 47	6 56	0 44	5 19	1 5	10 34	2 44	18 49	0 36	17 41	0 5	11 32	11 13	1 30	1 1	27 18	16 49	4 12
M24	12 52	12 6	2 1	2 53	1 31	14 0	0 45	7 13	0 43	5 25	1 5	10 32	2 44	18 48	0 36	17 41	0 5	11 31	11 13	1 29	0 59	27 17	16 48	4 13
T 25	13 12	17 53	3 7	2 50	1 42	14 25	0 43	7 31	0 43	5 30	1 5	10 31	2 44	18 48	0 36	17 41	0 5	11 31	11 13	1 28	0 58	27 16	16 47	4 13
W26	13 31	22 49	4 2	2 50	1 53	14 50	0 41	7 49	0 42	5 36	1 5	10 29	2 44	18 48	0 36	17 41	0 5	11 31	11 13	1 26	0 57	27 15	16 46	4 14
T 27	13 51	26 26	4 43	2 52	2 2	15 14	0 38	8 6	0 42	5 41	1 5	10 28	2 44	18 48	0 36	17 41	0 5	11 31	11 14	1 24	0 56	27 14	16 44	4 14
F 28	14 10	28 21	5 6	2 56	2 11	15 38	0 36	8 24	0 41	5 46	1 5	10 26	2 44	18 48	0 36	17 41	0 5	11 30	11 14	1 22	0 54	27 13	16 43	4 15
S 29	14 28	28 20	5 10	3 2	2 20	16 2	0 34	8 41	0 41	5 52	1 5	10 25	2 44	18 48	0 36	17 41	0 5	11 30	11 14	1 20	0 53	27 11	16 42	4 15
S 30	14n47	26n23	4n54	3n11	2s27	16n25	0s32	8n58	0s40	5n57	1s 5	10s23	2n44	18s47	0s36	17n40	0s 5	11s30	11n14	1n19	0n52	27s10	16s41	4n16

Julian Day Number = 2542215.5, Delta T = 218.11 sec
Ecliptic obliquity = 23°24'35, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'35, Lahiri = 27°19'36

ASTRODIENST EPHEMERIS for the year 2248
geocentric

MAY 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 41	10♉55'19	6♌37	14♈33	18♉22	25♈35	17♈58	4°R17	8♒ 8	9♌52	15°R58	3°D19	2♈ 7	17♋42	3°R40	M 1
T 2	14 40 38	11°53'41	20°41	15°20	19°36	26°20	18°12	4♏13	8° 8	9°53	15♐57	3♈19	2° 4	17°49	3♐36	T 2
W 3	14 44 34	12°52'00	4♍32	16°11	20°50	27° 6	18°26	4° 8	8° 9	9°53	15°56	3°20	2° 1	17°56	3°32	W 3
T 4	14 48 31	13°50'18	18°11	17° 5	22° 4	27°52	18°40	4° 4	8° 9	9°53	15°54	3°21	1°58	18° 2	3°28	T 4
F 5	14 52 27	14°48'33	1♎38	18° 2	23°18	28°37	18°54	3°59	8° 9	9°54	15°53	3°R22	1°55	18° 9	3°24	F 5
S 6	14 56 24	15°46'46	14°53	19° 2	24°32	29°23	19° 7	3°55	8°10	9°54	15°52	3°21	1°52	18°16	3°20	S 6
S 7	15 0 20	16°44'58	27°56	20° 5	25°46	0♉ 8	19°21	3°50	8°10	9°55	15°50	3°19	1°48	18°23	3°16	S 7
M 8	15 4 17	17°43'08	10♏48	21°11	26°59	0°53	19°35	3°46	8°10	9°55	15°49	3°14	1°45	18°29	3°12	M 8
T 9	15 8 14	18°41'16	23°27	22°19	28°13	1°39	19°48	3°42	8°11	9°56	15°48	3° 8	1°42	18°36	3° 7	T 9
W10	15 12 10	19°39'22	5♐55	23°30	29°27	2°24	20° 2	3°37	8°11	9°57	15°46	3° 0	1°39	18°43	3° 3	W10
T 11	15 16 7	20°37'27	18°12	24°43	0♊41	3°10	20°15	3°33	8°11	9°57	15°45	2°51	1°36	18°49	2°59	T 11
F 12	15 20 3	21°35'30	0♑18	25°59	1°55	3°55	20°29	3°29	8°R11	9°58	15°43	2°42	1°32	18°56	2°54	F 12
S 13	15 24 0	22°33'32	12°17	27°18	3° 9	4°40	20°42	3°25	8°11	9°59	15°42	2°35	1°29	19° 3	2°50	S 13
S 14	15 27 56	23°31'33	24°10	28°38	4°23	5°25	20°56	3°20	8°11	10° 0	15°41	2°29	1°26	19°10	2°45	S 14
M15	15 31 53	24°29'32	6♒ 2	0♉ 1	5°36	6°10	21° 9	3°16	8°11	10° 0	15°39	2°25	1°23	19°16	2°41	M15
T 16	15 35 50	25°27'29	17°56	1°26	6°50	6°55	21°22	3°12	8°11	10° 1	15°38	2°23	1°20	19°23	2°37	T 16
W17	15 39 46	26°25'26	29°58	2°54	8° 4	7°40	21°35	3° 8	8°10	10° 2	15°36	2°D22	1°17	19°30	2°32	W17
T 18	15 43 43	27°23'21	12♓12	4°23	9°18	8°25	21°48	3° 4	8°10	10° 3	15°35	2°23	1°13	19°36	2°28	T 18
F 19	15 47 39	28°21'15	24°44	5°55	10°31	9°10	22° 2	3° 0	8°10	10° 4	15°33	2°24	1°10	19°43	2°23	F 19
S 20	15 51 36	29°19'07	7♈38	7°29	11°45	9°55	22°15	2°56	8° 9	10° 5	15°32	2°R24	1° 7	19°50	2°19	S 20
S 21	15 55 32	0♊16'59	20°57	9° 5	12°59	10°40	22°28	2°53	8° 9	10° 6	15°30	2°23	1° 4	19°57	2°14	S 21
M22	15 59 29	1°14'49	4♉43	10°44	14°12	11°24	22°40	2°49	8° 9	10° 7	15°28	2°19	1° 1	20° 3	2°10	M22
T 23	16 3 25	2°12'38	18°54	12°24	15°26	12° 9	22°53	2°45	8° 8	10° 8	15°27	2°13	0°58	20°10	2° 5	T 23
W24	16 7 22	3°10'26	3♊27	14° 7	16°40	12°54	23° 6	2°41	8° 8	10° 9	15°25	2° 5	0°54	20°17	2° 1	W24
T 25	16 11 19	4° 8'12	18°16	15°51	17°53	13°38	23°19	2°38	8° 7	10°10	15°24	1°55	0°51	20°23	1°56	T 25
F 26	16 15 15	5° 5'57	3♋11	17°38	19° 7	14°23	23°31	2°34	8° 6	10°11	15°22	1°46	0°48	20°30	1°52	F 26
S 27	16 19 12	6° 3'41	18° 4	19°27	20°21	15° 7	23°44	2°31	8° 6	10°12	15°21	1°38	0°45	20°37	1°47	S 27
S 28	16 23 8	7° 1'23	2♌47	21°18	21°34	15°52	23°56	2°27	8° 5	10°14	15°19	1°31	0°42	20°44	1°43	S 28
M29	16 27 5	7°59'03	17°13	23°11	22°48	16°36	24° 9	2°24	8° 4	10°15	15°17	1°28	0°38	20°50	1°38	M29
T 30	16 31 1	8°56'42	1♍21	25° 7	24° 1	17°21	24°21	2°21	8° 3	10°16	15°16	1°26	0°35	20°57	1°34	T 30
W31	16 34 58	9♊54'20	15♍ 8	27♉ 4	25♊15	18♉ 5	24♈33	2♏18	8♒ 2	10♌17	15♐14	1°D26	0♈32	21♋ 4	1♐29	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	15n 5	22n47	4n20	3n21	2s34	16n48	0s30	9n16	0s40	6n 2	1s 5	10s22	2n44	18s47	0s36	17n40	0s 5	11s30	11n14	1n19	0n51	27s 9	16s40	4n16
T 2	15 23	17 55	3 31	3 34	2 40	17 10	0 27	9 33	0 39	6 7	1 5	10 20	2 44	18 47	0 36	17 40	0 5	11 29	11 14	1 19	0 49	27 8	16 38	4 17
W 3	15 41	12 10	2 30	3 48	2 46	17 32	0 25	9 50	0 39	6 12	1 5	10 19	2 44	18 47	0 36	17 40	0 5	11 29	11 14	1 19	0 48	27 7	16 37	4 17
T 4	15 58	5 55	1 21	4 5	2 50	17 54	0 23	10 6	0 38	6 18	1 6	10 17	2 44	18 47	0 36	17 40	0 5	11 29	11 14	1 20	0 47	27 6	16 36	4 18
F 5	16 16	0s30	0 9	4 23	2 54	18 15	0 21	10 23	0 38	6 23	1 6	10 16	2 44	18 47	0 36	17 40	0 5	11 29	11 15	1 20	0 46	27 5	16 35	4 18
S 6	16 33	6 49	1s 2	4 42	2 57	18 35	0 18	10 40	0 37	6 28	1 6	10 15	2 43	18 47	0 36	17 40	0 5	11 28	11 15	1 20	0 44	27 3	16 34	4 19
S 7	16 49	12 44	2 9	5 4	3 0	18 55	0 16	10 56	0 36	6 33	1 6	10 13	2 43	18 47	0 36	17 40	0 5	11 28	11 15	1 19	0 43	27 2	16 32	4 19
M 8	17 6	18 1	3 8	5 26	3 2	19 15	0 13	11 13	0 36	6 38	1 6	10 12	2 43	18 47	0 36	17 40	0 5	11 28	11 15	1 17	0 42	27 1	16 31	4 20
T 9	17 22	22 26	3 57	5 51	3 3	19 34	0 11	11 29	0 35	6 43	1 6	10 10	2 43	18 47	0 36	17 39	0 5	11 28	11 15	1 15	0 41	27 0	16 30	4 20
W10	17 38	25 45	4 34	6 16	3 4	19 52	0 9	11 45	0 35	6 48	1 6	10 9	2 43	18 47	0 36	17 39	0 5	11 27	11 15	1 11	0 39	26 59	16 29	4 20
T 11	17 53	27 49	4 57	6 43	3 4	20 10	0 6	12 1	0 34	6 53	1 6	10 8	2 43	18 47	0 36	17 39	0 5	11 27	11 15	1 8	0 38	26 57	16 28	4 21
F 12	18 8	28 31	5 6	7 11	3 3	20 27	0 4	12 17	0 34	6 58	1 6	10 6	2 43	18 47	0 36	17 39	0 5	11 27	11 15	1 4	0 37	26 56	16 26	4 21
S 13	18 23	27 52	5 2	7 40	3 2	20 44	0 1	12 33	0 33	7 3	1 6	10 5	2 43	18 47	0 36	17 39	0 5	11 27	11 15	1 1	0 35	26 55	16 25	4 22
S 14	18 38	25 56	4 45	8 11	3 0	21 1	0n 1	12 48	0 32	7 8	1 6	10 4	2 43	18 47	0 36	17 39	0 5	11 27	11 15	0 59	0 34	26 54	16 24	4 22
M15	18 52	22 52	4 16	8 42	2 57	21 16	0 4	13 4	0 32	7 13	1 6	10 2	2 43	18 47	0 36	17 38	0 5	11 26	11 15	0 57	0 33	26 52	16 23	4 22
T 16	19 6	18 51	3 35	9 14	2 54	21 31	0 6	13 19	0 31	7 18	1 6	10 1	2 42	18 47	0 36	17 38	0 5	11 26	11 15	0 57	0 32	26 51	16 22	4 23
W17	19 20	14 3	2 45	9 47	2 50	21 46	0 9	13 34	0 31	7 23	1 7	10 0	2 42	18 47	0 36	17 38	0 5	11 26	11 16	0 57	0 30	26 50	16 21	4 23
T 18	19 33	8 37	1 46	10 21	2 46	22 0	0 11	13 49	0 30	7 27	1 7	9 59	2 42	18 47	0 36	17 38	0 5	11 26	11 16	0 57	0 29	26 49	16 19	4 23
F 19	19 46	2 43	0 41	10 56	2 41	22 13	0 13	14 4	0 29	7 32	1 7	9 57	2 42	18 47	0 36	17 38	0 5	11 26	11 16	0 57	0 28	26 47	16 18	4 24
S 20	19 59	3n27	0n28	11 32	2 36	22 26	0 16	14 19	0 29	7 37	1 7	9 56	2 42	18 47	0 36	17 37	0 5	11 26	11 16	0 57	0 27	26 46	16 17	4 24
S 21	20 11	9 40	1 38	12 8	2 30	22 38	0 18	14 33	0 28	7 42	1 7	9 55	2 42	18 48	0 37	17 37	0 5	11 25	11 16	0 57	0 25	26 45	16 16	4 24
M22	20 23	15 39	2 44	12 45	2 24	22 49	0 21	14 48	0 28	7 46	1 7	9 54	2 42	18 48	0 37	17 37	0 5	11 25	11 16	0 55	0 24	26 43	16 15	4 24
T 23	20 35	20 58	3 42	13 22	2 17	23 0	0 23	15 2	0 27	7 51	1 7	9 53	2 41	18 48	0 37	17 36	0 5	11 25	11 16	0 53	0 23	26 42	16 14	4 25
W24	20 46	25 11	4 27	13 59	2 10	23 10	0 26	15 16	0 26	7 56	1 7	9 52	2 41	18 48	0 37	17 36	0 5	11 25	11 16	0 49	0 22	26 41	16 12	4 25
T 25	20 57	27 47	4 55	14 37	2 2	23 19	0 28	15 30	0 26	8 0	1 7	9 51	2 41	18 48	0 37	17 36	0 5	11 25	11 16	0 46	0 20	26 39	16 11	4 25
F 26	21 7	28 25	5 3	15 15	1 54	23 28	0 30	15 44	0 25	8 5	1 8	9 50	2 41	18 48	0 37	17 36	0 5	11 25	11 16	0 42	0 19	26 38	16 10	4 26
S 27	21 18	27 0	4 51	15 53	1 45	23 36	0 33	15 58	0 24	8 9	1 8	9 49	2 41	18 49	0 37	17 35	0 5	11 24	11 16	0 39	0 18	26 37	16 9	4 26
S 28	21 27	23 44	4 20	16 31	1 36	23 44	0 35	16 11	0 24	8 14	1 8	9 48	2 41	18 49	0 37	17 35	0 5	11 24	11 16	0 36	0 17	26 35	16 8	4 26
M29	21 37	19 1	3 32	17 9	1 27	23 50	0 38	16 25	0 23	8 18	1 8	9 47	2 40	18 49	0 37	17 35	0 5	11 24	11 16	0 35	0 15	26 34	16 7	4 26
T 30	21 46	13 22	2 33	17 46	1 17	23 56	0 40	16 38	0 23	8 22	1 8	9 46	2 40	18 49	0 37	17 34	0 5	11 24	11 15	0 34	0 14	26 33	16 6	4 26
W31	21n54	7n10	1n26	18n23	1s 7	24n 2	0n42	16n51	0s22	8n27	1s 8	9s45	2n40	18s50	0s37	17n34	0s 5	11s24	11n15	0n34	0n13	26s31	16s 5	4n27

Julian Day Number = 2542245.5, Delta T = 218.22 sec
Ecliptic obliquity = 23°24'34, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'40, Lahiri = 27°19'40

ASTRODIENST EPHEMERIS for the year 2248
geocentric

JUNE 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 54	10♊51'55	28♍37	29♉ 4	26♊28	18♉49	24♈45	2°R15	8°R 2	10♌19	15°R13	1°R26	0♈29	21♑10	1°R25	T 1
F 2	16 42 51	11°49'30	11♎48	1♊ 5	27°42	19°33	24°58	2♏12	8♒ 1	10°20	15♐11	1♈26	0°26	21°17	1♐21	F 2
S 3	16 46 48	12°47'03	24°45	3° 8	28°55	20°17	25°10	2° 9	8° 0	10°21	15° 9	1°24	0°23	21°24	1°16	S 3
S 4	16 50 44	13°44'34	7♏29	5°13	0♋ 8	21° 1	25°21	2° 6	7°59	10°23	15° 8	1°19	0°19	21°31	1°12	S 4
M 5	16 54 41	14°42'05	20° 2	7°19	1°22	21°45	25°33	2° 3	7°57	10°24	15° 6	1°12	0°16	21°37	1° 8	M 5
T 6	16 58 37	15°39'34	2♐26	9°27	2°35	22°29	25°45	2° 0	7°56	10°25	15° 4	1° 2	0°13	21°44	1° 3	T 6
W 7	17 2 34	16°37'03	14°40	11°37	3°49	23°13	25°57	1°58	7°55	10°27	15° 3	0°50	0°10	21°51	0°59	W 7
T 8	17 6 30	17°34'30	26°48	13°47	5° 2	23°57	26° 8	1°55	7°54	10°28	15° 1	0°37	0° 7	21°57	0°55	T 8
F 9	17 10 27	18°31'56	8♑48	15°58	6°15	24°41	26°20	1°53	7°53	10°30	15° 0	0°23	0° 4	22° 4	0°51	F 9
S 10	17 14 23	19°29'22	20°43	18°10	7°29	25°24	26°31	1°51	7°51	10°31	14°58	0°12	0° 0	22°11	0°47	S 10
S 11	17 18 20	20°26'47	2♒34	20°22	8°42	26° 8	26°43	1°48	7°50	10°33	14°56	0° 2	29♓57	22°18	0°43	S 11
M12	17 22 17	21°24'11	14°25	22°34	9°55	26°51	26°54	1°46	7°49	10°34	14°55	29♓54	29°54	22°24	0°39	M12
T 13	17 26 13	22°21'34	26°18	24°46	11° 8	27°35	27° 5	1°44	7°47	10°36	14°53	29°50	29°51	22°31	0°35	T 13
W14	17 30 10	23°18'57	8♓18	26°58	12°22	28°18	27°16	1°42	7°46	10°38	14°51	29°47	29°48	22°38	0°31	W14
T 15	17 34 6	24°16'19	20°30	29° 8	13°35	29° 2	27°27	1°40	7°44	10°39	14°50	29°47	29°44	22°44	0°27	T 15
F 16	17 38 3	25°13'41	3♈ 0	1♋18	14°48	29°45	27°38	1°38	7°43	10°41	14°48	29°47	29°41	22°51	0°23	F 16
S 17	17 41 59	26°11'02	15°51	3°26	16° 1	0♊29	27°48	1°37	7°41	10°43	14°47	29°46	29°38	22°58	0°19	S 17
S 18	17 45 56	27° 8'23	29° 8	5°33	17°14	1°12	27°59	1°35	7°40	10°44	14°45	29°44	29°35	23° 5	0°16	S 18
M19	17 49 52	28° 5'44	12♉54	7°39	18°28	1°55	28°10	1°33	7°38	10°46	14°44	29°40	29°32	23°11	0°12	M19
T 20	17 53 49	29° 3'04	27° 9	9°43	19°41	2°38	28°20	1°32	7°36	10°48	14°42	29°33	29°29	23°18	0° 8	T 20
W21	17 57 46	0♋ 0'24	11♊51	11°44	20°54	3°21	28°30	1°31	7°35	10°50	14°40	29°23	29°25	23°25	0° 5	W21
T 22	18 1 42	0°57'43	26°53	13°44	22° 7	4° 4	28°41	1°29	7°33	10°51	14°39	29°13	29°22	23°31	0° 2	T 22
F 23	18 5 39	1°55'02	12♋ 5	15°42	23°20	4°47	28°51	1°28	7°31	10°53	14°37	29° 2	29°19	23°38	29♏58	F 23
S 24	18 9 35	2°52'20	27°17	17°38	24°33	5°30	29° 1	1°27	7°29	10°55	14°36	28°52	29°16	23°45	29°55	S 24
S 25	18 13 32	3°49'38	12♌17	19°31	25°46	6°13	29°11	1°26	7°27	10°57	14°34	28°44	29°13	23°52	29°52	S 25
M26	18 17 28	4°46'55	27° 0	21°23	26°59	6°56	29°20	1°25	7°26	10°59	14°33	28°39	29°10	23°58	29°49	M26
T 27	18 21 25	5°44'11	11♍18	23°12	28°12	7°38	29°30	1°24	7°24	11° 1	14°31	28°37	29° 6	24° 5	29°45	T 27
W28	18 25 22	6°41'26	25°11	24°59	29°25	8°21	29°39	1°24	7°22	11° 2	14°30	28°D36	29° 3	24°12	29°42	W28
T 29	18 29 18	7°38'41	8♎40	26°43	0♌38	9° 4	29°49	1°23	7°20	11° 4	14°28	28°R36	29° 0	24°18	29°40	T 29
F 30	18 33 15	8♋35'55	21♎46	28♋25	1♌51	9♊46	29♈58	1♏23	7♒18	11♌ 6	14♐27	28♓36	28♓57	24♑25	29♏37	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	22n 3	0n47	0n15	19n 0	0s57	24n 6	0n44	17n 3	0s21	8n31	1s 8	9s44	2n40	18s50	0s37	17n34	0s 5	11s24	11n15	0n34	0n11	26s30	16s 4	4n27
F 2	22 11	5s30	0s55	19 35	0 47	24 10	0 47	17 16	0 21	8 35	1 8	9 43	2 40	18 50	0 37	17 33	0 5	11 24	11 15	0 34	0 10	26 29	16 3	4 27
S 3	22 18	11 26	2 0	20 10	0 36	24 13	0 49	17 29	0 20	8 40	1 9	9 42	2 39	18 51	0 37	17 33	0 5	11 24	11 15	0 33	0 9	26 27	16 2	4 27
S 4	22 25	16 48	2 59	20 44	0 25	24 16	0 51	17 41	0 19	8 44	1 9	9 42	2 39	18 51	0 37	17 33	0 5	11 24	11 15	0 31	0 8	26 26	16 1	4 27
M 5	22 32	21 22	3 47	21 16	0 15	24 17	0 53	17 53	0 19	8 48	1 9	9 41	2 39	18 51	0 37	17 32	0 5	11 23	11 15	0 28	0 6	26 24	16 0	4 28
T 6	22 38	24 56	4 24	21 47	0 4	24 18	0 55	18 5	0 18	8 52	1 9	9 40	2 39	18 51	0 37	17 32	0 5	11 23	11 15	0 25	0 5	26 23	15 59	4 28
W 7	22 44	27 18	4 49	22 16	0n 7	24 19	0 58	18 16	0 17	8 56	1 9	9 40	2 39	18 52	0 37	17 32	0 5	11 23	11 15	0 20	0 4	26 22	15 58	4 28
T 8	22 50	28 22	5 0	22 43	0 17	24 18	1 0	18 28	0 17	9 0	1 9	9 39	2 38	18 52	0 37	17 31	0 5	11 23	11 15	0 15	0 3	26 20	15 57	4 28
F 9	22 55	28 3	4 57	23 8	0 28	24 17	1 2	18 39	0 16	9 4	1 9	9 38	2 38	18 52	0 37	17 31	0 4	11 23	11 15	0 9	0 1	26 19	15 56	4 28
S 10	23 0	26 27	4 42	23 31	0 38	24 15	1 4	18 50	0 15	9 8	1 9	9 38	2 38	18 53	0 37	17 30	0 4	11 23	11 15	0 5	0 0	26 17	15 55	4 28
S 11	23 4	23 41	4 14	23 51	0 47	24 13	1 6	19 1	0 15	9 12	1 10	9 37	2 38	18 53	0 37	17 30	0 4	11 23	11 14	0 1	0s 1	26 16	15 54	4 28
M12	23 8	19 55	3 35	24 9	0 57	24 10	1 8	19 12	0 14	9 16	1 10	9 37	2 37	18 54	0 37	17 30	0 4	11 23	11 14	0s 2	0 2	26 14	15 53	4 28
T 13	23 11	15 21	2 47	24 24	1 5	24 6	1 9	19 23	0 13	9 20	1 10	9 36	2 37	18 54	0 37	17 29	0 4	11 23	11 14	0 4	0 4	26 13	15 52	4 28
W14	23 14	10 10	1 51	24 36	1 13	24 1	1 11	19 33	0 13	9 24	1 10	9 36	2 37	18 54	0 37	17 29	0 4	11 23	11 14	0 5	0 5	26 11	15 51	4 28
T 15	23 17	4 30	0 49	24 45	1 21	23 56	1 13	19 43	0 12	9 28	1 10	9 35	2 37	18 55	0 37	17 28	0 4	11 23	11 14	0 5	0 6	26 10	15 50	4 29
F 16	23 19	1n27	0n17	24 52	1 28	23 50	1 15	19 53	0 11	9 31	1 10	9 35	2 37	18 55	0 37	17 28	0 4	11 23	11 14	0 5	0 7	26 8	15 50	4 29
S 17	23 21	7 31	1 24	24 56	1 34	23 43	1 16	20 3	0 11	9 35	1 11	9 34	2 36	18 56	0 37	17 27	0 4	11 23	11 14	0 5	0 9	26 7	15 49	4 29
S 18	23 23	13 28	2 28	24 57	1 40	23 35	1 18	20 13	0 10	9 39	1 11	9 34	2 36	18 56	0 37	17 27	0 4	11 23	11 13	0 6	0 10	26 5	15 48	4 29
M19	23 24	18 58	3 27	24 56	1 45	23 27	1 20	20 22	0 9	9 42	1 11	9 34	2 36	18 57	0 37	17 27	0 4	11 23	11 13	0 8	0 11	26 4	15 47	4 29
T 20	23 24	23 37	4 14	24 52	1 49	23 18	1 21	20 31	0 9	9 46	1 11	9 33	2 36	18 57	0 37	17 26	0 4	11 23	11 13	0 11	0 12	26 2	15 46	4 29
W21	23 25	26 55	4 46	24 45	1 52	23 9	1 23	20 40	0 8	9 49	1 11	9 33	2 35	18 57	0 37	17 26	0 4	11 23	11 13	0 15	0 14	26 1	15 46	4 29
T 22	23 24	28 22	5 0	24 36	1 54	22 59	1 24	20 49	0 7	9 53	1 11	9 33	2 35	18 58	0 38	17 25	0 4	11 23	11 13	0 19	0 15	25 59	15 45	4 29
F 23	23 24	27 43	4 53	24 25	1 56	22 48	1 25	20 58	0 6	9 56	1 12	9 33	2 35	18 58	0 38	17 25	0 4	11 23	11 12	0 23	0 16	25 58	15 44	4 29
S 24	23 23	25 0	4 25	24 11	1 57	22 36	1 27	21 6	0 6	9 59	1 12	9 33	2 35	18 59	0 38	17 24	0 4	11 23	11 12	0 27	0 18	25 56	15 44	4 29
S 25	23 21	20 35	3 38	23 56	1 58	22 24	1 28	21 14	0 5	10 3	1 12	9 33	2 34	18 59	0 38	17 24	0 4	11 23	11 12	0 30	0 19	25 55	15 43	4 29
M26	23 19	14 59	2 39	23 39	1 57	22 12	1 29	21 22	0 4	10 6	1 12	9 33	2 34	19 0	0 38	17 23	0 4	11 23	11 12	0 32	0 20	25 53	15 42	4 29
T 27	23 17	8 42	1 30	23 20	1 56	21 58	1 30	21 30	0 4	10 9	1 12	9 33	2 34	19 0	0 38	17 23	0 4	11 23	11 12	0 33	0 21	25 52	15 42	4 29
W28	23 14	2 11	0 18	22 59	1 54	21 44	1 31	21 37	0 3	10 12	1 12	9 33	2 33	19 1	0 38	17 22	0 4	11 23	11 11	0 33	0 23	25 50	15 41	4 29
T 29	23 11	4s15	0s53	22 37	1 52	21 30	1 32	21 45	0 2	10 16	1 13	9 33	2 33	19 1	0 38	17 22	0 4	11 23	11 11	0 33	0 24	25 48	15 41	4 29
F 30	23n 8	10s19	1s59	22n14	1n49	21n14	1n33	21n52	0s 2	10n19	1s13	9s33	2n33	19s 2	0s38	17n21	0s 4	11s24	11n11	0s34	0s25	25s47	15s40	4n28

Julian Day Number = 2542276.5, Delta T = 218.33 sec
Ecliptic obliquity = 23°24'34, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'44, Lahiri = 27°19'44

ASTRODIENST EPHEMERIS for the year 2248
geocentric

JULY 2248

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 11	9♋33'09	4♏34	0♌ 5	3♌ 4	10♊29	0♉ 7	1°R22	7°R16	11♌ 8	14°R25	28°R33	28♓54	24♉32	29°R34	S 1
S 2	18 41 8	10°30'22	17° 7	1°43	4°17	11°11	0°16	1♏22	7♒14	11°10	14♐24	28♓29	28°50	24°39	29♏31	S 2
M 3	18 45 4	11°27'35	29°28	3°19	5°30	11°53	0°25	1°22	7°12	11°12	14°23	28°22	28°47	24°45	29°29	M 3
T 4	18 49 1	12°24'47	11♐40	4°52	6°42	12°36	0°34	1°D22	7°10	11°14	14°21	28°12	28°44	24°52	29°26	T 4
W 5	18 52 57	13°22'00	23°44	6°23	7°55	13°18	0°43	1°22	7° 7	11°16	14°20	28° 0	28°41	24°59	29°24	W 5
T 6	18 56 54	14°19'11	5♉43	7°51	9° 8	14° 0	0°51	1°22	7° 5	11°18	14°19	27°47	28°38	25° 5	29°21	T 6
F 7	19 0 51	15°16'23	17°37	9°17	10°21	14°42	0°59	1°22	7° 3	11°20	14°17	27°34	28°35	25°12	29°19	F 7
S 8	19 4 47	16°13'35	29°29	10°41	11°34	15°24	1° 8	1°22	7° 1	11°22	14°16	27°23	28°31	25°19	29°17	S 8
S 9	19 8 44	17°10'47	11♒20	12° 2	12°46	16° 6	1°16	1°23	6°59	11°24	14°15	27°13	28°28	25°26	29°15	S 9
M10	19 12 40	18° 7'59	23°12	13°21	13°59	16°48	1°24	1°23	6°57	11°26	14°13	27° 6	28°25	25°32	29°13	M10
T 11	19 16 37	19° 5'10	5♓ 7	14°38	15°11	17°30	1°32	1°24	6°54	11°28	14°12	27° 1	28°22	25°39	29°11	T 11
W12	19 20 33	20° 2'23	17°10	15°51	16°24	18°12	1°39	1°25	6°52	11°31	14°11	26°59	28°19	25°46	29° 9	W12
T 13	19 24 30	20°59'35	29°23	17° 3	17°37	18°54	1°47	1°25	6°50	11°33	14°10	26°D58	28°16	25°52	29° 8	T 13
F 14	19 28 26	21°56'48	11♈52	18°11	18°49	19°35	1°54	1°26	6°47	11°35	14° 8	26°59	28°12	25°59	29° 6	F 14
S 15	19 32 23	22°54'01	24°40	19°17	20° 2	20°17	2° 1	1°27	6°45	11°37	14° 7	26°R59	28° 9	26° 6	29° 5	S 15
S 16	19 36 20	23°51'15	7♉53	20°20	21°14	20°59	2° 8	1°28	6°43	11°39	14° 6	26°58	28° 6	26°12	29° 3	S 16
M17	19 40 16	24°48'29	21°34	21°20	22°27	21°40	2°15	1°30	6°41	11°41	14° 5	26°55	28° 3	26°19	29° 2	M17
T 18	19 44 13	25°45'44	5♊43	22°17	23°39	22°22	2°22	1°31	6°38	11°43	14° 4	26°50	28° 0	26°26	29° 1	T 18
W19	19 48 9	26°43'00	20°20	23°10	24°52	23° 3	2°29	1°32	6°36	11°45	14° 3	26°43	27°56	26°33	29° 0	W19
T 20	19 52 6	27°40'16	5♋19	24° 1	26° 4	23°44	2°35	1°34	6°33	11°48	14° 2	26°35	27°53	26°39	28°59	T 20
F 21	19 56 2	28°37'32	20°33	24°48	27°16	24°26	2°42	1°35	6°31	11°50	14° 1	26°27	27°50	26°46	28°58	F 21
S 22	19 59 59	29°34'49	5♌50	25°32	28°29	25° 7	2°48	1°37	6°29	11°52	14° 0	26°19	27°47	26°53	28°57	S 22
S 23	20 3 55	0♌32'07	21° 0	26°12	29°41	25°48	2°54	1°39	6°26	11°54	13°59	26°13	27°44	26°59	28°56	S 23
M24	20 7 52	1°29'24	5♍53	26°48	0♍53	26°29	3° 0	1°41	6°24	11°56	13°58	26° 9	27°41	27° 6	28°56	M24
T 25	20 11 49	2°26'42	20°23	27°20	2° 6	27°10	3° 5	1°43	6°22	11°59	13°57	26°D 7	27°37	27°13	28°55	T 25
W26	20 15 45	3°24'00	4♎25	27°48	3°18	27°51	3°11	1°45	6°19	12° 1	13°56	26° 7	27°34	27°20	28°55	W26
T 27	20 19 42	4°21'18	18° 0	28°11	4°30	28°32	3°16	1°47	6°17	12° 3	13°55	26° 8	27°31	27°26	28°54	T 27
F 28	20 23 38	5°18'37	1♏10	28°30	5°42	29°13	3°21	1°49	6°14	12° 5	13°54	26°R 9	27°28	27°33	28°54	F 28
S 29	20 27 35	6°15'56	13°58	28°45	6°54	29°54	3°26	1°51	6°12	12° 7	13°53	26° 9	27°25	27°40	28°D54	S 29
S 30	20 31 31	7°13'15	26°28	28°54	8° 6	0♋34	3°31	1°54	6°10	12°10	13°52	26° 7	27°22	27°46	28°54	S 30
M31	20 35 28	8♌10'35	8♐43	28°R59	9♍18	1♋15	3♉36	1♏56	6♒ 7	12♌12	13♐52	26♓ 3	27♓18	27♉53	28♏54	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	23n 4	15s49	2s58	21n49	1n45	20n58	1n34	21n59	0s 1	10n22	1s13	9s33	2n33	19s 2	0s38	17n21	0s 4	11s24	11n11	0s34	0s26	25s45	15s40	4n28
S 2	23 0	20 33	3 47	21 23	1 41	20 42	1 35	22 5	0 0	10 25	1 13	9 33	2 32	19 3	0 38	17 20	0 4	11 24	11 10	0 36	0 28	25 44	15 39	4 28
M 3	22 55	24 18	4 24	20 56	1 36	20 25	1 36	22 12	0n 1	10 28	1 13	9 33	2 32	19 4	0 38	17 20	0 4	11 24	11 10	0 39	0 29	25 42	15 39	4 28
T 4	22 50	26 55	4 48	20 29	1 30	20 8	1 36	22 18	0 1	10 30	1 14	9 33	2 32	19 4	0 38	17 19	0 4	11 24	11 10	0 43	0 30	25 40	15 38	4 28
W 5	22 44	28 15	5 0	20 0	1 24	19 50	1 37	22 24	0 2	10 33	1 14	9 34	2 32	19 5	0 38	17 18	0 4	11 24	11 10	0 48	0 31	25 39	15 38	4 28
T 6	22 38	28 15	4 58	19 31	1 17	19 31	1 37	22 30	0 3	10 36	1 14	9 34	2 31	19 5	0 38	17 18	0 4	11 24	11 9	0 53	0 33	25 37	15 37	4 28
F 7	22 32	26 55	4 43	19 2	1 10	19 12	1 38	22 35	0 3	10 39	1 14	9 34	2 31	19 6	0 38	17 17	0 4	11 24	11 9	0 58	0 34	25 36	15 37	4 28
S 8	22 25	24 24	4 16	18 32	1 2	18 52	1 38	22 41	0 4	10 41	1 14	9 35	2 31	19 6	0 38	17 17	0 4	11 25	11 9	1 2	0 35	25 34	15 37	4 28
S 9	22 18	20 50	3 37	18 1	0 54	18 32	1 39	22 46	0 5	10 44	1 15	9 35	2 31	19 7	0 38	17 16	0 4	11 25	11 8	1 6	0 36	25 32	15 36	4 28
M10	22 11	16 26	2 49	17 31	0 45	18 11	1 39	22 51	0 6	10 47	1 15	9 35	2 30	19 8	0 38	17 16	0 4	11 25	11 8	1 9	0 38	25 31	15 36	4 27
T 11	22 3	11 23	1 53	17 0	0 36	17 50	1 39	22 56	0 6	10 49	1 15	9 36	2 30	19 8	0 38	17 15	0 4	11 25	11 8	1 11	0 39	25 29	15 36	4 27
W12	21 55	5 52	0 52	16 29	0 26	17 29	1 39	23 0	0 7	10 51	1 15	9 36	2 30	19 9	0 38	17 15	0 4	11 25	11 7	1 12	0 40	25 27	15 36	4 27
T 13	21 46	0 3	0n13	15 58	0 16	17 7	1 39	23 4	0 8	10 54	1 15	9 37	2 30	19 9	0 38	17 14	0 4	11 25	11 7	1 12	0 41	25 26	15 35	4 27
F 14	21 37	5n53	1 19	15 27	0 5	16 44	1 39	23 8	0 8	10 56	1 16	9 38	2 29	19 10	0 38	17 13	0 4	11 26	11 7	1 12	0 43	25 24	15 35	4 27
S 15	21 28	11 45	2 22	14 56	0s 6	16 21	1 39	23 12	0 9	10 59	1 16	9 38	2 29	19 10	0 38	17 13	0 4	11 26	11 7	1 12	0 44	25 22	15 35	4 27
S 16	21 18	17 16	3 20	14 25	0 17	15 58	1 39	23 16	0 10	11 1	1 16	9 39	2 29	19 11	0 38	17 12	0 4	11 26	11 6	1 12	0 45	25 20	15 35	4 27
M17	21 8	22 8	4 9	13 55	0 29	15 34	1 38	23 19	0 11	11 3	1 16	9 39	2 28	19 12	0 38	17 12	0 4	11 26	11 6	1 13	0 47	25 19	15 35	4 26
T 18	20 58	25 54	4 44	13 26	0 41	15 10	1 38	23 23	0 11	11 5	1 16	9 40	2 28	19 12	0 38	17 11	0 4	11 26	11 6	1 15	0 48	25 17	15 35	4 26
W19	20 47	28 5	5 3	12 57	0 53	14 45	1 38	23 26	0 12	11 7	1 17	9 41	2 28	19 13	0 38	17 11	0 4	11 27	11 5	1 18	0 49	25 15	15 35	4 26
T 20	20 36	28 19	5 1	12 28	1 6	14 20	1 37	23 28	0 13	11 9	1 17	9 42	2 28	19 13	0 38	17 10	0 4	11 27	11 5	1 21	0 50	25 14	15 35	4 26
F 21	20 25	26 25	4 38	12 0	1 18	13 55	1 36	23 31	0 13	11 11	1 17	9 42	2 27	19 14	0 38	17 9	0 4	11 27	11 4	1 25	0 52	25 12	15 35	4 26
S 22	20 13	22 36	3 56	11 34	1 31	13 29	1 36	23 33	0 14	11 13	1 17	9 43	2 27	19 15	0 38	17 9	0 4	11 27	11 4	1 28	0 53	25 10	15 35	4 26
S 23	20 1	17 16	2 57	11 8	1 45	13 3	1 35	23 35	0 15	11 15	1 18	9 44	2 27	19 15	0 38	17 8	0 4	11 28	11 4	1 30	0 54	25 8	15 35	4 25
M24	19 48	10 59	1 46	10 43	1 58	12 37	1 34	23 37	0 16	11 17	1 18	9 45	2 27	19 16	0 38	17 8	0 4	11 28	11 3	1 32	0 55	25 7	15 35	4 25
T 25	19 35	4 17	0 31	10 20	2 11	12 10	1 33	23 39	0 16	11 18	1 18	9 46	2 26	19 16	0 38	17 7	0 4	11 28	11 3	1 32	0 57	25 5	15 35	4 25
W26	19 22	2s26	0s44	9 57	2 25	11 43	1 32	23 41	0 17	11 20	1 18	9 47	2 26	19 17	0 38	17 6	0 4	11 28	11 3	1 32	0 58	25 3	15 35	4 25
T 27	19 9	8 50	1 55	9 37	2 38	11 16	1 31	23 42	0 18	11 21	1 18	9 48	2 26	19 18	0 38	17 6	0 4	11 29	11 2	1 32	0 59	25 1	15 35	4 25
F 28	18 55	14 38	2 57	9 17	2 52	10 48	1 30	23 43	0 19	11 23	1 19	9 49	2 26	19 18	0 38	17 5	0 4	11 29	11 2	1 32	1 0	24 59	15 35	4 24
S 29	18 41	19 39	3 48	9 0	3 5	10 20	1 29	23 44	0 19	11 24	1 19	9 50	2 25	19 19	0 38	17 5	0 4	11 29	11 1	1 32	1 2	24 58	15 35	4 24
S 30	18 27	23 40	4 28	8 44	3 18	9 52	1 27	23 45	0 20	11 26	1 19	9 51	2 25	19 20	0 38	17 4	0 4	11 30	11 1	1 33	1 3	24 56	15 36	4 24
M31	18n12	26s34	4s54	8n31	3s31	9n24	1n26	23n45	0n21	11n27	1s19	9s52	2n25	19s20	0s38	17n 3	0s 4	11s30	11n 1	1s34	1s 4	24s54	15s36	4n24

Julian Day Number = 2542306.5, Delta T = 218.44 sec
Ecliptic obliquity = 23°24'34, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'48, Lahiri = 27°19'48

ASTRODIENST EPHEMERIS for the year 2248
geocentric

AUGUST 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 24	9♌ 7'55	20♐48	28°R59	10♍30	1♋55	3♉40	1♏59	6°R 5	12♌14	13°R51	25°R57	27♓15	28♉ 0	28♏54	T 1
W 2	20 43 21	10° 5'16	2♉46	28♌54	11°42	2°36	3°44	2° 2	6♒ 2	12°16	13♐50	25♓50	27°12	28° 6	28°55	W 2
T 3	20 47 18	11° 2'37	14°40	28°43	12°54	3°16	3°49	2° 4	6° 0	12°18	13°50	25°42	27° 9	28°13	28°55	T 3
F 4	20 51 14	12° 0'00	26°31	28°28	14° 6	3°57	3°52	2° 7	5°58	12°21	13°49	25°33	27° 6	28°20	28°56	F 4
S 5	20 55 11	12°57'22	8♒23	28° 7	15°18	4°37	3°56	2°10	5°55	12°23	13°48	25°26	27° 2	28°27	28°56	S 5
S 6	20 59 7	13°54'46	20°16	27°42	16°30	5°17	4° 0	2°13	5°53	12°25	13°48	25°20	26°59	28°33	28°57	S 6
M 7	21 3 4	14°52'10	2♓13	27°12	17°41	5°58	4° 3	2°17	5°50	12°27	13°47	25°15	26°56	28°40	28°58	M 7
T 8	21 7 0	15°49'36	14°16	26°37	18°53	6°38	4° 6	2°20	5°48	12°30	13°47	25°13	26°53	28°47	28°59	T 8
W 9	21 10 57	16°47'02	26°26	25°59	20° 5	7°18	4° 9	2°23	5°46	12°32	13°46	25°D12	26°50	28°53	29° 0	W 9
T 10	21 14 53	17°44'30	8♈47	25°17	21°16	7°58	4°12	2°26	5°43	12°34	13°46	25°13	26°47	29° 0	29° 1	T 10
F 11	21 18 50	18°41'58	21°21	24°33	22°28	8°38	4°15	2°30	5°41	12°36	13°45	25°15	26°43	29° 7	29° 2	F 11
S 12	21 22 47	19°39'28	4♉13	23°46	23°39	9°18	4°17	2°33	5°39	12°38	13°45	25°16	26°40	29°13	29° 4	S 12
S 13	21 26 43	20°37'00	17°25	22°58	24°51	9°57	4°20	2°37	5°37	12°41	13°44	25°R17	26°37	29°20	29° 5	S 13
M14	21 30 40	21°34'33	1♊ 0	22°10	26° 2	10°37	4°22	2°41	5°34	12°43	13°44	25°17	26°34	29°27	29° 7	M14
T 15	21 34 36	22°32'07	15° 0	21°22	27°14	11°17	4°23	2°45	5°32	12°45	13°44	25°15	26°31	29°34	29° 8	T 15
W16	21 38 33	23°29'43	29°24	20°36	28°25	11°56	4°25	2°49	5°30	12°47	13°43	25°12	26°28	29°40	29°10	W16
T 17	21 42 29	24°27'20	14♋ 9	19°52	29°36	12°36	4°27	2°53	5°27	12°49	13°43	25° 8	26°24	29°47	29°12	T 17
F 18	21 46 26	25°24'58	29° 9	19°11	0♎48	13°16	4°28	2°57	5°25	12°52	13°43	25° 4	26°21	29°54	29°14	F 18
S 19	21 50 23	26°22'38	14♌16	18°34	1°59	13°55	4°29	3° 1	5°23	12°54	13°43	25° 0	26°18	0♒ 0	29°16	S 19
S 20	21 54 19	27°20'19	29°20	18° 3	3°10	14°34	4°30	3° 5	5°21	12°56	13°43	24°57	26°15	0° 7	29°18	S 20
M21	21 58 16	28°18'02	14♍12	17°36	4°21	15°14	4°31	3° 9	5°19	12°58	13°42	24°56	26°12	0°14	29°20	M21
T 22	22 2 12	29°15'45	28°45	17°16	5°32	15°53	4°31	3°14	5°17	13° 0	13°42	24°D55	26° 8	0°20	29°23	T 22
W23	22 6 9	0♍13'29	12♎53	17° 2	6°43	16°32	4°31	3°18	5°14	13° 2	13°42	24°56	26° 5	0°27	29°25	W23
T 24	22 10 5	1°11'15	26°35	16°D56	7°54	17°11	4°R31	3°23	5°12	13° 5	13°42	24°57	26° 2	0°34	29°28	T 24
F 25	22 14 2	2° 9'02	9♏51	16°57	9° 5	17°50	4°31	3°27	5°10	13° 7	13°D42	24°59	25°59	0°41	29°30	F 25
S 26	22 17 58	3° 6'50	22°43	17° 5	10°16	18°29	4°31	3°32	5° 8	13° 9	13°42	25° 0	25°56	0°47	29°33	S 26
S 27	22 21 55	4° 4'39	5♐15	17°22	11°27	19° 8	4°30	3°36	5° 6	13°11	13°42	25°R 0	25°53	0°54	29°36	S 27
M28	22 25 51	5° 2'30	17°30	17°46	12°37	19°47	4°30	3°41	5° 4	13°13	13°42	25° 0	25°49	1° 1	29°39	M28
T 29	22 29 48	6° 0'21	29°34	18°18	13°48	20°25	4°29	3°46	5° 2	13°15	13°43	24°58	25°46	1° 7	29°42	T 29
W30	22 33 45	6°58'14	11♑29	18°57	14°59	21° 4	4°28	3°51	5° 0	13°17	13°43	24°56	25°43	1°14	29°45	W30
T 31	22 37 41	7♍56'08	23♑21	19♌44	16♎ 9	21♋43	4♉26	3♏56	4♒59	13♌19	13♐43	24♓54	25♓40	1♒21	29♏48	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	17n57	28s11	5s 6	8n19	3s43	8n55	1n25	23n45	0n22	11n28	1s20	9s53	2n24	19s21	0s38	17n 3	0s 4	11s30	11n 0	1s36	1s 5	24s52	15s36	4n24
W 2	17 42	28 28	5 5	8 10	3 55	8 27	1 23	23 45	0 22	11 30	1 20	9 54	2 24	19 21	0 38	17 2	0 4	11 31	11 0	1 39	1 7	24 50	15 36	4 23
T 3	17 26	27 26	4 51	8 3	4 6	7 58	1 21	23 45	0 23	11 31	1 20	9 56	2 24	19 22	0 38	17 2	0 4	11 31	10 59	1 43	1 8	24 49	15 37	4 23
F 4	17 10	25 9	4 24	7 59	4 16	7 28	1 20	23 45	0 24	11 32	1 20	9 57	2 24	19 22	0 38	17 1	0 4	11 31	10 59	1 46	1 9	24 47	15 37	4 23
S 5	16 54	21 47	3 46	7 57	4 26	6 59	1 18	23 44	0 24	11 33	1 21	9 58	2 23	19 23	0 38	17 0	0 4	11 31	10 59	1 49	1 11	24 45	15 37	4 23
S 6	16 38	17 31	2 58	7 58	4 34	6 29	1 16	23 43	0 25	11 34	1 21	9 59	2 23	19 24	0 38	17 0	0 4	11 32	10 58	1 51	1 12	24 43	15 38	4 23
M 7	16 21	12 34	2 2	8 1	4 41	6 0	1 14	23 42	0 26	11 35	1 21	10 1	2 23	19 24	0 38	16 59	0 4	11 32	10 58	1 53	1 13	24 41	15 38	4 22
T 8	16 4	7 6	0 59	8 7	4 47	5 30	1 12	23 41	0 27	11 36	1 21	10 2	2 23	19 25	0 38	16 58	0 4	11 33	10 57	1 54	1 14	24 39	15 38	4 22
W 9	15 47	1 19	0n 7	8 16	4 51	5 0	1 10	23 40	0 27	11 37	1 22	10 3	2 23	19 25	0 38	16 58	0 4	11 33	10 57	1 54	1 16	24 38	15 39	4 22
T 10	15 30	4n36	1 13	8 27	4 54	4 30	1 8	23 38	0 28	11 37	1 22	10 5	2 22	19 26	0 38	16 57	0 4	11 33	10 57	1 54	1 17	24 36	15 39	4 22
F 11	15 12	10 27	2 18	8 41	4 55	3 59	1 6	23 37	0 29	11 38	1 22	10 6	2 22	19 27	0 38	16 57	0 4	11 34	10 56	1 53	1 18	24 34	15 40	4 21
S 12	14 54	16 0	3 17	8 57	4 55	3 29	1 3	23 35	0 30	11 39	1 22	10 7	2 22	19 27	0 38	16 56	0 4	11 34	10 56	1 53	1 19	24 32	15 40	4 21
S 13	14 36	20 57	4 7	9 14	4 52	2 59	1 1	23 33	0 30	11 39	1 23	10 9	2 22	19 28	0 38	16 55	0 4	11 34	10 55	1 52	1 21	24 30	15 41	4 21
M14	14 18	24 59	4 45	9 34	4 48	2 28	0 59	23 30	0 31	11 39	1 23	10 10	2 21	19 28	0 38	16 55	0 4	11 35	10 55	1 52	1 22	24 28	15 41	4 21
T 15	13 59	27 39	5 7	9 55	4 41	1 57	0 56	23 28	0 32	11 40	1 23	10 12	2 21	19 29	0 38	16 54	0 4	11 35	10 54	1 53	1 23	24 26	15 42	4 20
W16	13 40	28 36	5 11	10 17	4 33	1 27	0 53	23 25	0 33	11 40	1 23	10 13	2 21	19 29	0 38	16 54	0 4	11 36	10 54	1 54	1 24	24 24	15 43	4 20
T 17	13 21	27 33	4 55	10 40	4 23	0 56	0 51	23 22	0 33	11 40	1 23	10 15	2 21	19 30	0 38	16 53	0 4	11 36	10 54	1 56	1 26	24 22	15 43	4 20
F 18	13 2	24 32	4 19	11 3	4 12	0 25	0 48	23 19	0 34	11 41	1 24	10 17	2 20	19 30	0 38	16 52	0 4	11 36	10 53	1 58	1 27	24 20	15 44	4 20
S 19	12 43	19 48	3 25	11 27	3 59	0s 6	0 45	23 16	0 35	11 41	1 24	10 18	2 20	19 31	0 38	16 52	0 4	11 37	10 53	1 59	1 28	24 18	15 44	4 20
S 20	12 23	13 49	2 16	11 50	3 45	0 36	0 42	23 12	0 36	11 41	1 24	10 20	2 20	19 31	0 38	16 51	0 4	11 37	10 52	2 0	1 29	24 17	15 45	4 19
M21	12 3	7 7	0 59	12 12	3 30	1 7	0 40	23 9	0 36	11 41	1 24	10 22	2 20	19 32	0 38	16 51	0 4	11 38	10 52	2 1	1 31	24 15	15 46	4 19
T 22	11 43	0 11	0s21	12 34	3 14	1 38	0 37	23 5	0 37	11 41	1 25	10 23	2 19	19 33	0 38	16 50	0 4	11 38	10 51	2 1	1 32	24 13	15 47	4 19
W23	11 23	6s34	1 37	12 54	2 57	2 9	0 34	23 1	0 38	11 41	1 25	10 25	2 19	19 33	0 38	16 49	0 4	11 39	10 51	2 1	1 33	24 11	15 47	4 19
T 24	11 2	12 49	2 45	13 13	2 39	2 40	0 30	22 57	0 39	11 41	1 25	10 27	2 19	19 34	0 38	16 49	0 4	11 39	10 50	2 0	1 34	24 9	15 48	4 18
F 25	10 42	18 16	3 43	13 29	2 21	3 11	0 27	22 52	0 39	11 40	1 25	10 28	2 19	19 34	0 38	16 48	0 4	11 39	10 50	2 0	1 36	24 7	15 49	4 18
S 26	10 21	22 43	4 27	13 44	2 3	3 41	0 24	22 48	0 40	11 40	1 26	10 30	2 19	19 34	0 38	16 48	0 4	11 40	10 50	1 59	1 37	24 5	15 50	4 18
S 27	10 0	26 1	4 57	13 56	1 45	4 12	0 21	22 43	0 41	11 40	1 26	10 32	2 18	19 35	0 38	16 47	0 4	11 40	10 49	1 59	1 38	24 3	15 50	4 18
M28	9 39	28 0	5 12	14 6	1 27	4 43	0 18	22 39	0 42	11 39	1 26	10 34	2 18	19 35	0 38	16 46	0 4	11 41	10 49	1 59	1 39	24 1	15 51	4 18
T 29	9 18	28 39	5 14	14 13	1 10	5 13	0 14	22 34	0 43	11 39	1 26	10 36	2 18	19 36	0 38	16 46	0 4	11 41	10 48	2 0	1 41	23 59	15 52	4 17
W30	8 56	27 56	5 2	14 17	0 53	5 44	0 11	22 28	0 43	11 38	1 27	10 37	2 18	19 36	0 38	16 45	0 4	11 42	10 48	2 1	1 42	23 57	15 53	4 17
T 31	8n35	25s57	4s37	14n18	0s36	6s14	0n 7	22n23	0n44	11n37	1s27	10s39	2n18	19s37	0s38	16n45	0s 4	11s42	10n47	2s 2	1s43	23s55	15s54	4n17

Julian Day Number = 2542337.5, Delta T = 218.55 sec
Ecliptic obliquity = 23°24'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'52, Lahiri = 27°19'53

ASTRODIENST EPHEMERIS for the year 2248
geocentric

SEPTEMBER 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 38	8♍54'04	5♒12	20♌39	17♎20	22♋21	4°R25	4♏ 1	4°R57	13♌21	13♐43	24°R51	25♓37	1♒27	29♏51	F 1
S 2	22 45 34	9°52'01	17° 6	21°40	18°30	23° 0	4♉23	4° 6	4♒55	13°23	13°43	24♓49	25°34	1°34	29°55	S 2
S 3	22 49 31	10°49'59	29° 5	22°48	19°40	23°38	4°21	4°11	4°53	13°25	13°44	24°47	25°30	1°41	29°58	S 3
M 4	22 53 27	11°47'58	11♓10	24° 2	20°51	24°16	4°19	4°17	4°51	13°27	13°44	24°46	25°27	1°48	0♐ 2	M 4
T 5	22 57 24	12°46'00	23°25	25°23	22° 1	24°55	4°17	4°22	4°50	13°29	13°44	24°D46	25°24	1°54	0° 6	T 5
W 6	23 1 20	13°44'03	5♈49	26°48	23°11	25°33	4°14	4°27	4°48	13°31	13°45	24°46	25°21	2° 1	0° 9	W 6
T 7	23 5 17	14°42'07	18°25	28°19	24°21	26°11	4°12	4°33	4°46	13°33	13°45	24°46	25°18	2° 8	0°13	T 7
F 8	23 9 14	15°40'14	1♉14	29°54	25°31	26°49	4° 9	4°38	4°45	13°35	13°46	24°47	25°14	2°14	0°17	F 8
S 9	23 13 10	16°38'22	14°18	1♍33	26°41	27°27	4° 6	4°44	4°43	13°37	13°46	24°48	25°11	2°21	0°21	S 9
S 10	23 17 7	17°36'33	27°38	3°15	27°51	28° 5	4° 2	4°50	4°41	13°39	13°47	24°49	25° 8	2°28	0°25	S 10
M11	23 21 3	18°34'45	11♊15	5° 0	29° 1	28°43	3°59	4°55	4°40	13°41	13°47	24°49	25° 5	2°34	0°29	M11
T 12	23 25 0	19°33'00	25° 9	6°48	0♏10	29°20	3°55	5° 1	4°38	13°43	13°48	24°R49	25° 2	2°41	0°34	T 12
W13	23 28 56	20°31'17	9♋20	8°38	1°20	29°58	3°52	5° 7	4°37	13°45	13°48	24°49	24°59	2°48	0°38	W13
T 14	23 32 53	21°29'36	23°46	10°29	2°29	0♌36	3°48	5°13	4°36	13°47	13°49	24°48	24°55	2°54	0°43	T 14
F 15	23 36 49	22°27'56	8♌24	12°21	3°39	1°13	3°43	5°18	4°34	13°49	13°50	24°48	24°52	3° 1	0°47	F 15
S 16	23 40 46	23°26'19	23° 8	14°14	4°48	1°51	3°39	5°24	4°33	13°50	13°51	24°48	24°49	3° 8	0°52	S 16
S 17	23 44 43	24°24'44	7♍52	16° 8	5°58	2°28	3°34	5°30	4°32	13°52	13°51	24°48	24°46	3°15	0°56	S 17
M18	23 48 39	25°23'10	22°28	18° 2	7° 7	3° 5	3°30	5°36	4°30	13°54	13°52	24°48	24°43	3°21	1° 1	M18
T 19	23 52 36	26°21'39	6♎52	19°56	8°16	3°43	3°25	5°43	4°29	13°56	13°53	24°48	24°39	3°28	1° 6	T 19
W20	23 56 32	27°20'09	20°56	21°49	9°25	4°20	3°20	5°49	4°28	13°57	13°54	24°48	24°36	3°35	1°11	W20
T 21	0 0 29	28°18'41	4♏39	23°42	10°34	4°57	3°15	5°55	4°27	13°59	13°55	24°47	24°33	3°41	1°16	T 21
F 22	0 4 25	29°17'15	17°58	25°35	11°43	5°34	3° 9	6° 1	4°26	14° 1	13°56	24°47	24°30	3°48	1°21	F 22
S 23	0 8 22	0♎15'51	0♐53	27°27	12°52	6°11	3° 4	6° 7	4°25	14° 3	13°56	24°46	24°27	3°55	1°26	S 23
S 24	0 12 18	1°14'28	13°28	29°19	14° 0	6°47	2°58	6°14	4°24	14° 4	13°57	24°46	24°24	4° 1	1°31	S 24
M25	0 16 15	2°13'07	25°46	1♎ 9	15° 9	7°24	2°52	6°20	4°23	14° 6	13°58	24°46	24°20	4° 8	1°37	M25
T 26	0 20 12	3°11'47	7♑50	2°59	16°17	8° 1	2°46	6°27	4°22	14° 7	14° 0	24°D45	24°17	4°15	1°42	T 26
W27	0 24 8	4°10'30	19°46	4°48	17°26	8°37	2°40	6°33	4°21	14° 9	14° 1	24°46	24°14	4°21	1°47	W27
T 28	0 28 5	5° 9'13	1♒37	6°36	18°34	9°14	2°34	6°40	4°20	14°11	14° 2	24°47	24°11	4°28	1°53	T 28
F 29	0 32 1	6° 7'59	13°29	8°23	19°42	9°50	2°27	6°46	4°20	14°12	14° 3	24°48	24° 8	4°35	1°58	F 29
S 30	0 35 58	7♎ 6'46	25♒25	10♎ 9	20♏50	10♌27	2♉21	6♏53	4♒19	14♌14	14♐ 4	24♓49	24♓ 5	4♒42	2♐ 4	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	
F 1	8n13	22s50	4s 1	14n17	0s20	6s44	0n 4	22n18	0n45	11n37	1s27	10s41	2n17	19s37	0s38	16n44	0s 4	11s43	10n47	2s 3	1s45	23s53	15s55	4n17	F 1
S 2	7 52	18 46	3 13	14 11	0 5	7 14	0 0	22 12	0 46	11 36	1 27	10 43	2 17	19 38	0 38	16 43	0 4	11 43	10 46	2 4	1 46	23 51	15 56	4 17	S 2
S 3	7 30	13 55	2 17	14 3	0n10	7 44	0s 3	22 6	0 46	11 35	1 27	10 45	2 17	19 38	0 38	16 43	0 4	11 44	10 46	2 4	1 47	23 49	15 57	4 16	S 3
M 4	7 8	8 31	1 14	13 51	0 23	8 14	0 7	22 0	0 47	11 34	1 28	10 47	2 17	19 39	0 38	16 42	0 4	11 44	10 46	2 5	1 48	23 47	15 57	4 16	M 4
T 5	6 46	2 44	0 7	13 37	0 36	8 44	0 11	21 54	0 48	11 33	1 28	10 49	2 17	19 39	0 38	16 42	0 4	11 45	10 45	2 5	1 50	23 45	15 58	4 16	T 5
W 6	6 23	3n14	1n 1	13 18	0 48	9 13	0 14	21 48	0 49	11 32	1 28	10 51	2 16	19 39	0 38	16 41	0 4	11 45	10 45	2 5	1 51	23 43	15 59	4 16	W 6
T 7	6 1	9 10	2 7	12 57	0 58	9 43	0 18	21 42	0 49	11 31	1 28	10 53	2 16	19 40	0 38	16 41	0 3	11 46	10 44	2 4	1 52	23 41	16 0	4 15	T 7
F 8	5 39	14 50	3 9	12 33	1 8	10 12	0 22	21 35	0 50	11 30	1 29	10 55	2 16	19 40	0 38	16 40	0 3	11 46	10 44	2 4	1 53	23 38	16 1	4 15	F 8
S 9	5 16	19 57	4 1	12 6	1 16	10 41	0 26	21 29	0 51	11 29	1 29	10 57	2 16	19 40	0 38	16 40	0 3	11 47	10 43	2 4	1 55	23 36	16 2	4 15	S 9
S 10	4 53	24 11	4 42	11 36	1 24	11 9	0 30	21 22	0 52	11 27	1 29	10 59	2 16	19 41	0 38	16 39	0 3	11 47	10 43	2 4	1 56	23 34	16 3	4 15	S 10
M11	4 31	27 11	5 8	11 4	1 30	11 38	0 33	21 15	0 53	11 26	1 29	11 1	2 16	19 41	0 38	16 38	0 3	11 48	10 42	2 3	1 57	23 32	16 4	4 15	M11
T 12	4 8	28 36	5 17	10 29	1 36	12 6	0 37	21 8	0 53	11 25	1 29	11 3	2 15	19 41	0 38	16 38	0 3	11 48	10 42	2 3	1 58	23 30	16 6	4 15	T 12
W13	3 45	28 11	5 7	9 52	1 40	12 34	0 41	21 1	0 54	11 23	1 30	11 5	2 15	19 42	0 38	16 37	0 3	11 49	10 41	2 4	2 0	23 28	16 7	4 14	W13
T 14	3 22	25 53	4 38	9 13	1 43	13 2	0 45	20 54	0 55	11 22	1 30	11 7	2 15	19 42	0 38	16 37	0 3	11 49	10 41	2 4	2 1	23 26	16 8	4 14	T 14
F 15	2 59	21 50	3 50	8 33	1 46	13 29	0 49	20 46	0 56	11 20	1 30	11 9	2 15	19 42	0 38	16 36	0 3	11 50	10 41	2 4	2 2	23 24	16 9	4 14	F 15
S 16	2 36	16 25	2 47	7 51	1 48	13 56	0 53	20 39	0 56	11 18	1 30	11 11	2 15	19 43	0 38	16 36	0 3	11 50	10 40	2 4	2 3	23 22	16 10	4 14	S 16
S 17	2 13	10 3	1 33	7 8	1 49	14 23	0 57	20 31	0 57	11 17	1 30	11 13	2 15	19 43	0 38	16 35	0 3	11 51	10 40	2 4	2 5	23 20	16 11	4 14	S 17
M18	1 50	3 11	0 13	6 24	1 49	14 50	1 1	20 23	0 58	11 15	1 30	11 16	2 14	19 43	0 38	16 35	0 3	11 51	10 39	2 4	2 6	23 18	16 12	4 13	M18
T 19	1 27	3s44	1s 6	5 38	1 48	15 16	1 5	20 15	0 59	11 13	1 31	11 18	2 14	19 44	0 38	16 34	0 3	11 52	10 39	2 4	2 7	23 15	16 13	4 13	T 19
W20	1 3	10 19	2 20	4 53	1 47	15 42	1 9	20 7	1 0	11 11	1 31	11 20	2 14	19 44	0 38	16 34	0 3	11 52	10 38	2 4	2 8	23 13	16 14	4 13	W20
T 21	0 40	16 15	3 23	4 6	1 45	16 8	1 13	19 59	1 0	11 9	1 31	11 22	2 14	19 44	0 38	16 33	0 3	11 53	10 38	2 4	2 10	23 11	16 15	4 13	T 21
F 22	0 17	21 13	4 14	3 19	1 43	16 33	1 17	19 51	1 1	11 7	1 31	11 24	2 14	19 44	0 38	16 33	0 3	11 53	10 38	2 4	2 11	23 9	16 17	4 13	F 22
S 23	0s 6	25 2	4 50	2 32	1 40	16 58	1 21	19 42	1 2	11 5	1 31	11 26	2 14	19 45	0 38	16 32	0 3	11 54	10 37	2 4	2 12	23 7	16 18	4 13	S 23
S 24	0 30	27 32	5 11	1 45	1 36	17 23	1 25	19 34	1 3	11 3	1 31	11 29	2 14	19 45	0 38	16 32	0 3	11 54	10 37	2 5	2 13	23 5	16 19	4 12	S 24
M25	0 53	28 37	5 17	0 57	1 32	17 47	1 29	19 25	1 4	11 1	1 32	11 31	2 13	19 45	0 38	16 32	0 3	11 55	10 36	2 5	2 15	23 3	16 20	4 12	M25
T 26	1 16	28 19	5 9	0 10	1 28	18 11	1 33	19 17	1 4	10 59	1 32	11 33	2 13	19 45	0 38	16 31	0 3	11 55	10 36	2 5	2 16	23 0	16 21	4 12	T 26
W27	1 39	26 42	4 47	0s38	1 23	18 34	1 37	19 8	1 5	10 57	1 32	11 35	2 13	19 45	0 38	16 31	0 3	11 56	10 35	2 5	2 17	22 58	16 23	4 12	W27
T 28	2 3	23 54	4 14	1 25	1 18	18 57	1 41	18 59	1 6	10 54	1 32	11 38	2 13	19 45	0 37	16 30	0 3	11 56	10 35	2 4	2 18	22 56	16 24	4 12	T 28
F 29	2 26	20 6	3 29	2 12	1 13	19 20	1 45	18 50	1 7	10 52	1 32	11 40	2 13	19 46	0 37	16 30	0 3	11 57	10 35	2 4	2 20	22 54	16 25	4 12	F 29
S 30	2s49	15s28	2s36	2s59	1n 8	19s42	1s49	18n41	1n 8	10n50	1s32	11s42	2n13	19s46	0s37	16n29	0s 3	11s58	10n34	2s 3	2s21	22s52	16s26	4n12	S 30

Julian Day Number = 2542368.5, Delta T = 218.67 sec
Ecliptic obliquity = 23°24'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°12'57, Lahiri = 27°19'57

ASTRODIENST EPHEMERIS for the year 2248
geocentric

OCTOBER 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 54	8♎ 5'36	7♓30	11♎54	21♏58	11♌ 3	2°R14	6♏59	4°R18	14♌15	14♐ 5	24♓50	24♓ 1	4♒48	2♐10	S 1
M 2	0 43 51	9° 4'26	19°45	13°39	23° 6	11°39	2♉ 7	7° 6	4♒18	14°16	14° 6	24°R50	23°58	4°55	2°16	M 2
T 3	0 47 47	10° 3'19	2♈13	15°22	24°13	12°15	2° 0	7°13	4°17	14°18	14° 8	24°50	23°55	5° 2	2°21	T 3
W 4	0 51 44	11° 2'14	14°56	17° 5	25°21	12°51	1°53	7°19	4°17	14°19	14° 9	24°49	23°52	5° 8	2°27	W 4
T 5	0 55 41	12° 1'11	27°53	18°46	26°28	13°27	1°46	7°26	4°16	14°21	14°10	24°48	23°49	5°15	2°33	T 5
F 6	0 59 37	13° 0'10	11♉ 5	20°27	27°35	14° 2	1°39	7°33	4°16	14°22	14°12	24°45	23°45	5°22	2°39	F 6
S 7	1 3 34	13°59'11	24°31	22° 7	28°42	14°38	1°31	7°40	4°15	14°23	14°13	24°43	23°42	5°28	2°45	S 7
S 8	1 7 30	14°58'14	8♊ 9	23°46	29°49	15°14	1°24	7°46	4°15	14°25	14°14	24°40	23°39	5°35	2°51	S 8
M 9	1 11 27	15°57'20	21°58	25°24	0♐56	15°49	1°16	7°53	4°15	14°26	14°16	24°38	23°36	5°42	2°58	M 9
T 10	1 15 23	16°56'28	5♋57	27° 2	2° 3	16°25	1° 9	8° 0	4°15	14°27	14°17	24°36	23°33	5°48	3° 4	T 10
W11	1 19 20	17°55'39	20° 3	28°38	3° 9	17° 0	1° 1	8° 7	4°14	14°28	14°19	24°D36	23°30	5°55	3°10	W11
T 12	1 23 16	18°54'51	4♌15	0♏14	4°16	17°35	0°53	8°14	4°14	14°30	14°20	24°37	23°26	6° 2	3°17	T 12
F 13	1 27 13	19°54'06	18°32	1°49	5°22	18°10	0°46	8°21	4°14	14°31	14°22	24°38	23°23	6° 9	3°23	F 13
S 14	1 31 10	20°53'24	2♍50	3°23	6°28	18°45	0°38	8°28	4°D14	14°32	14°23	24°39	23°20	6°15	3°30	S 14
S 15	1 35 6	21°52'43	17° 6	4°57	7°34	19°20	0°30	8°35	4°14	14°33	14°25	24°40	23°17	6°22	3°36	S 15
M16	1 39 3	22°52'05	1♎17	6°30	8°39	19°55	0°22	8°42	4°14	14°34	14°26	24°R40	23°14	6°29	3°43	M16
T 17	1 42 59	23°51'29	15°19	8° 2	9°45	20°30	0°14	8°49	4°14	14°35	14°28	24°39	23°11	6°35	3°49	T 17
W18	1 46 56	24°50'55	29° 8	9°34	10°50	21° 4	0° 6	8°56	4°15	14°36	14°30	24°36	23° 7	6°42	3°56	W18
T 19	1 50 52	25°50'22	12♏40	11° 4	11°55	21°39	29♈58	9° 3	4°15	14°37	14°31	24°32	23° 4	6°49	4° 3	T 19
F 20	1 54 49	26°49'52	25°53	12°35	13° 0	22°13	29°50	9°10	4°15	14°38	14°33	24°27	23° 1	6°55	4° 9	F 20
S 21	1 58 45	27°49'24	8♐47	14° 4	14° 5	22°47	29°41	9°18	4°16	14°39	14°35	24°21	22°58	7° 2	4°16	S 21
S 22	2 2 42	28°48'58	21°22	15°33	15° 9	23°21	29°33	9°25	4°16	14°40	14°37	24°16	22°55	7° 9	4°23	S 22
M23	2 6 39	29°48'33	3♑41	17° 1	16°13	23°55	29°25	9°32	4°16	14°41	14°38	24°11	22°51	7°15	4°30	M23
T 24	2 10 35	0♏48'11	15°45	18°28	17°17	24°29	29°17	9°39	4°17	14°41	14°40	24° 8	22°48	7°22	4°37	T 24
W25	2 14 32	1°47'50	27°41	19°55	18°21	25° 3	29° 9	9°46	4°17	14°42	14°42	24°D 7	22°45	7°29	4°44	W25
T 26	2 18 28	2°47'30	9♒31	21°21	19°25	25°37	29° 1	9°53	4°18	14°43	14°44	24° 7	22°42	7°35	4°51	T 26
F 27	2 22 25	3°47'13	21°23	22°46	20°28	26°10	28°53	10° 1	4°19	14°44	14°46	24° 8	22°39	7°42	4°58	F 27
S 28	2 26 21	4°46'57	3♓20	24°10	21°31	26°44	28°45	10° 8	4°19	14°44	14°47	24°10	22°36	7°49	5° 5	S 28
S 29	2 30 18	5°46'42	15°27	25°33	22°34	27°17	28°37	10°15	4°20	14°45	14°49	24°11	22°32	7°55	5°12	S 29
M30	2 34 14	6°46'30	27°49	26°56	23°36	27°50	28°29	10°22	4°21	14°46	14°51	24°R12	22°29	8° 2	5°20	M30
T 31	2 38 11	7♏46'19	10♈28	28♏18	24♐38	28♌23	28♈21	10♏29	4♒22	14♌46	14♐53	24♓10	22♓26	8♒ 9	5♐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
S 1	3s12	10s13	1s35	3s45	1n 2	20s 4	1s53	18n32	1n 9	10n47	1s32	11s44	2n13	19s46	0s37	16n29	0s 3	11s58	10n34	2s 3	2s22	22s49	16s27	4n12
M 2	3 36	4 29	0 28	4 31	0 56	20 25	1 57	18 23	1 9	10 45	1 32	11 47	2 13	19 46	0 37	16 29	0 3	11 59	10 33	2 3	2 24	22 47	16 29	4 11
T 3	3 59	1n30	0n41	5 17	0 50	20 46	2 1	18 14	1 10	10 42	1 32	11 49	2 13	19 46	0 37	16 28	0 3	11 59	10 33	2 3	2 25	22 45	16 30	4 11
W 4	4 22	7 33	1 49	6 2	0 44	21 6	2 5	18 4	1 11	10 40	1 33	11 51	2 12	19 46	0 37	16 28	0 3	12 0	10 33	2 3	2 26	22 43	16 31	4 11
T 5	4 45	13 24	2 52	6 46	0 37	21 26	2 9	17 55	1 12	10 37	1 33	11 53	2 12	19 46	0 37	16 27	0 3	12 0	10 32	2 4	2 27	22 41	16 32	4 11
F 6	5 8	18 45	3 48	7 30	0 30	21 45	2 13	17 45	1 13	10 35	1 33	11 56	2 12	19 46	0 37	16 27	0 3	12 1	10 32	2 5	2 29	22 38	16 34	4 11
S 7	5 31	23 16	4 32	8 14	0 24	22 4	2 16	17 36	1 13	10 32	1 33	11 58	2 12	19 46	0 37	16 27	0 3	12 1	10 31	2 6	2 30	22 36	16 35	4 11
S 8	5 53	26 36	5 2	8 57	0 17	22 22	2 20	17 26	1 14	10 30	1 33	12 0	2 12	19 46	0 37	16 26	0 3	12 2	10 31	2 7	2 31	22 34	16 36	4 11
M 9	6 16	28 24	5 14	9 39	0 10	22 40	2 24	17 16	1 15	10 27	1 33	12 2	2 12	19 47	0 37	16 26	0 3	12 2	10 31	2 8	2 32	22 32	16 37	4 11
T 10	6 39	28 25	5 8	10 21	0 3	22 57	2 28	17 6	1 16	10 24	1 33	12 5	2 12	19 47	0 37	16 25	0 3	12 3	10 30	2 8	2 34	22 29	16 39	4 11
W11	7 1	26 36	4 44	11 2	0s 4	23 14	2 31	16 57	1 17	10 22	1 33	12 7	2 12	19 47	0 37	16 25	0 3	12 3	10 30	2 9	2 35	22 27	16 40	4 11
T 12	7 24	23 6	4 3	11 42	0 11	23 30	2 35	16 47	1 18	10 19	1 33	12 9	2 12	19 47	0 37	16 25	0 3	12 4	10 29	2 8	2 36	22 25	16 41	4 10
F 13	7 46	18 12	3 6	12 22	0 18	23 46	2 38	16 37	1 19	10 16	1 33	12 12	2 12	19 47	0 37	16 24	0 3	12 5	10 29	2 8	2 37	22 23	16 42	4 10
S 14	8 9	12 16	1 57	13 1	0 25	24 1	2 42	16 27	1 19	10 13	1 33	12 14	2 11	19 47	0 37	16 24	0 3	12 5	10 29	2 7	2 39	22 20	16 44	4 10
S 15	8 31	5 44	0 41	13 39	0 32	24 15	2 45	16 16	1 20	10 11	1 33	12 16	2 11	19 47	0 37	16 24	0 3	12 6	10 28	2 7	2 40	22 18	16 45	4 10
M16	8 53	1s 4	0s36	14 17	0 39	24 29	2 48	16 6	1 21	10 8	1 33	12 19	2 11	19 46	0 37	16 24	0 3	12 6	10 28	2 7	2 41	22 16	16 46	4 10
T 17	9 15	7 44	1 51	14 54	0 46	24 43	2 52	15 56	1 22	10 5	1 33	12 21	2 11	19 46	0 37	16 23	0 3	12 7	10 28	2 7	2 42	22 13	16 47	4 10
W18	9 37	13 55	2 57	15 29	0 53	24 55	2 55	15 46	1 23	10 2	1 33	12 23	2 11	19 46	0 37	16 23	0 3	12 7	10 27	2 9	2 44	22 11	16 49	4 10
T 19	9 58	19 19	3 53	16 4	1 0	25 8	2 58	15 36	1 24	10 0	1 33	12 25	2 11	19 46	0 37	16 23	0 3	12 8	10 27	2 10	2 45	22 9	16 50	4 10
F 20	10 20	23 38	4 34	16 39	1 6	25 19	3 1	15 25	1 25	9 57	1 33	12 28	2 11	19 46	0 37	16 22	0 3	12 8	10 27	2 12	2 46	22 7	16 51	4 10
S 21	10 41	26 41	5 0	17 12	1 13	25 30	3 4	15 15	1 25	9 54	1 33	12 30	2 11	19 46	0 37	16 22	0 3	12 9	10 26	2 15	2 47	22 4	16 53	4 10
S 22	11 2	28 18	5 11	17 45	1 20	25 41	3 7	15 4	1 26	9 51	1 33	12 32	2 11	19 46	0 37	16 22	0 3	12 9	10 26	2 17	2 49	22 2	16 54	4 10
M23	11 23	28 28	5 7	18 16	1 26	25 50	3 9	14 54	1 27	9 48	1 33	12 35	2 11	19 46	0 37	16 22	0 3	12 10	10 26	2 18	2 50	22 0	16 55	4 10
T 24	11 44	27 16	4 50	18 47	1 32	25 59	3 12	14 44	1 28	9 46	1 33	12 37	2 11	19 46	0 37	16 21	0 3	12 10	10 25	2 20	2 51	21 57	16 56	4 10
W25	12 5	24 50	4 20	19 17	1 39	26 8	3 15	14 33	1 29	9 43	1 33	12 39	2 11	19 45	0 37	16 21	0 3	12 11	10 25	2 20	2 52	21 55	16 58	4 10
T 26	12 26	21 22	3 39	19 45	1 45	26 16	3 17	14 23	1 30	9 40	1 33	12 42	2 11	19 45	0 37	16 21	0 3	12 11	10 25	2 20	2 54	21 53	16 59	4 10
F 27	12 46	17 1	2 49	20 13	1 51	26 23	3 20	14 12	1 31	9 37	1 33	12 44	2 11	19 45	0 37	16 21	0 3	12 12	10 24	2 19	2 55	21 50	17 0	4 10
S 28	13 6	12 0	1 51	20 40	1 56	26 30	3 22	14 1	1 32	9 34	1 32	12 46	2 11	19 45	0 37	16 21	0 3	12 12	10 24	2 19	2 56	21 48	17 1	4 10
S 29	13 26	6 27	0 47	21 6	2 2	26 36	3 24	13 51	1 33	9 32	1 32	12 48	2 11	19 45	0 37	16 20	0 3	12 13	10 24	2 18	2 57	21 46	17 3	4 10
M30	13 46	0 34	0n20	21 31	2 7	26 41	3 26	13 40	1 34	9 29	1 32	12 51	2 11	19 45	0 37	16 20	0 3	12 13	10 23	2 18	2 59	21 43	17 4	4 10
T 31	14s 5	5n29	1n27	21s54	2s12	26s46	3s28	13n30	1n34	9n26	1s32	12s53	2n11	19s44	0s37	16n20	0s 3	12s14	10n23	2s19	3s 0	21s41	17s 5	4n10

Julian Day Number = 2542398.5, Delta T = 218.77 sec
Ecliptic obliquity = 23°24'35, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°13'01, Lahiri = 27°20'01

ASTRODIENST EPHEMERIS for the year 2248
geocentric

NOVEMBER 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 42 7	8♏46'10	23♈28	29♏38	25♐40	28♌56	28°R13	10♏37	4♒23	14♌47	14♐55	24°R 7	22♓23	8♒16	5♐34	W 1
T 2	2 46 4	9°46'03	6♉47	0♐58	26°41	29°29	28♈ 5	10°44	4°24	14°47	14°57	24♓ 1	22°20	8°22	5°41	T 2
F 3	2 50 1	10°45'58	20°25	2°16	27°43	0♍ 2	27°57	10°51	4°25	14°48	14°59	23°54	22°16	8°29	5°49	F 3
S 4	2 53 57	11°45'54	4♊18	3°33	28°43	0°34	27°50	10°58	4°26	14°48	15° 1	23°46	22°13	8°36	5°56	S 4
S 5	2 57 54	12°45'53	18°24	4°49	29°44	1° 7	27°42	11° 6	4°27	14°49	15° 3	23°38	22°10	8°42	6° 3	S 5
M 6	3 1 50	13°45'54	2♋36	6° 4	0♑44	1°39	27°35	11°13	4°28	14°49	15° 5	23°31	22° 7	8°49	6°11	M 6
T 7	3 5 47	14°45'57	16°51	7°16	1°43	2°11	27°27	11°20	4°29	14°50	15° 7	23°26	22° 4	8°56	6°18	T 7
W 8	3 9 43	15°46'02	1♌ 5	8°27	2°43	2°43	27°20	11°27	4°30	14°50	15° 9	23°23	22° 1	9° 2	6°26	W 8
T 9	3 13 40	16°46'09	15°15	9°36	3°42	3°15	27°13	11°35	4°32	14°50	15°11	23°D22	21°57	9° 9	6°33	T 9
F 10	3 17 37	17°46'19	29°20	10°42	4°40	3°47	27° 6	11°42	4°33	14°50	15°14	23°22	21°54	9°16	6°41	F 10
S 11	3 21 33	18°46'30	13♍18	11°46	5°38	4°18	26°59	11°49	4°35	14°51	15°16	23°23	21°51	9°22	6°48	S 11
S 12	3 25 30	19°46'43	27°10	12°48	6°35	4°50	26°52	11°56	4°36	14°51	15°18	23°R23	21°48	9°29	6°56	S 12
M13	3 29 26	20°46'59	10♎54	13°46	7°33	5°21	26°45	12° 3	4°37	14°51	15°20	23°22	21°45	9°36	7° 3	M13
T 14	3 33 23	21°47'16	24°29	14°40	8°29	5°52	26°38	12°10	4°39	14°51	15°22	23°18	21°42	9°42	7°11	T 14
W15	3 37 19	22°47'35	7♏54	15°31	9°25	6°23	26°32	12°18	4°41	14°51	15°24	23°11	21°38	9°49	7°19	W15
T 16	3 41 16	23°47'56	21° 7	16°17	10°21	6°54	26°25	12°25	4°42	14°51	15°26	23° 2	21°35	9°56	7°26	T 16
F 17	3 45 12	24°48'19	4♐ 7	16°57	11°16	7°24	26°19	12°32	4°44	14°R51	15°29	22°51	21°32	10° 2	7°34	F 17
S 18	3 49 9	25°48'43	16°51	17°33	12°10	7°55	26°13	12°39	4°46	14°51	15°31	22°39	21°29	10° 9	7°42	S 18
S 19	3 53 6	26°49'09	29°20	18° 2	13° 4	8°25	26° 7	12°46	4°47	14°51	15°33	22°28	21°26	10°16	7°49	S 19
M20	3 57 2	27°49'36	11♑35	18°24	13°57	8°55	26° 1	12°53	4°49	14°51	15°35	22°17	21°22	10°22	7°57	M20
T 21	4 0 59	28°50'05	23°38	18°38	14°50	9°25	25°56	13° 0	4°51	14°51	15°38	22° 9	21°19	10°29	8° 5	T 21
W22	4 4 55	29°50'35	5♒32	18°R43	15°42	9°55	25°50	13° 7	4°53	14°51	15°40	22° 4	21°16	10°36	8°12	W22
T 23	4 8 52	0♐51'06	17°21	18°40	16°33	10°24	25°45	13°14	4°55	14°51	15°42	22° 1	21°13	10°42	8°20	T 23
F 24	4 12 48	1°51'39	29°10	18°26	17°23	10°53	25°40	13°21	4°57	14°50	15°44	22°D 0	21°10	10°49	8°28	F 24
S 25	4 16 45	2°52'12	11♓ 5	18° 3	18°13	11°23	25°35	13°28	4°59	14°50	15°47	22° 0	21° 7	10°56	8°36	S 25
S 26	4 20 41	3°52'47	23°11	17°28	19° 1	11°51	25°30	13°35	5° 1	14°50	15°49	22°R 0	21° 3	11° 3	8°43	S 26
M27	4 24 38	4°53'23	5♈33	16°43	19°49	12°20	25°25	13°42	5° 3	14°49	15°51	21°59	21° 0	11° 9	8°51	M27
T 28	4 28 35	5°54'00	18°16	15°48	20°36	12°49	25°21	13°49	5° 5	14°49	15°53	21°57	20°57	11°16	8°59	T 28
W29	4 32 31	6°54'39	1♉24	14°43	21°23	13°17	25°17	13°56	5° 8	14°49	15°56	21°51	20°54	11°23	9° 6	W29
T 30	4 36 28	7♐55'19	14♉57	13♐31	22♑ 8	13♍45	25♈13	14♏ 3	5♒10	14♌48	15♐58	21♓43	20♓51	11♒29	9♐14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s24	11n27	2n31	22s17	2s17	26s50	3s30	13n19	1n35	9n24	1s32	12s55	2n11	19s44	0s37	16n20	0s 3	12s14	10n23	2s20	3s 1	21s38	17s 6	4n10
T 2	14 43	17 3	3 29	22 38	2 22	26 54	3 32	13 8	1 36	9 21	1 32	12 57	2 11	19 44	0 37	16 20	0 3	12 15	10 23	2 22	3 2	21 36	17 7	4 10
F 3	15 2	21 57	4 16	22 58	2 26	26 56	3 33	12 58	1 37	9 18	1 32	13 0	2 11	19 44	0 37	16 20	0 3	12 15	10 22	2 25	3 4	21 34	17 9	4 10
S 4	15 21	25 43	4 49	23 17	2 30	26 59	3 35	12 47	1 38	9 16	1 32	13 2	2 11	19 43	0 37	16 20	0 3	12 16	10 22	2 28	3 5	21 31	17 10	4 10
S 5	15 39	27 58	5 5	23 35	2 33	27 0	3 36	12 37	1 39	9 13	1 32	13 4	2 11	19 43	0 37	16 19	0 3	12 16	10 22	2 31	3 6	21 29	17 11	4 10
M 6	15 57	28 26	5 3	23 52	2 36	27 1	3 37	12 26	1 40	9 11	1 31	13 6	2 11	19 43	0 36	16 19	0 3	12 17	10 21	2 34	3 7	21 26	17 12	4 10
T 7	16 15	27 0	4 42	24 7	2 39	27 2	3 38	12 15	1 41	9 8	1 31	13 9	2 11	19 42	0 36	16 19	0 3	12 17	10 21	2 36	3 9	21 24	17 13	4 10
W 8	16 32	23 51	4 3	24 21	2 42	27 2	3 39	12 5	1 42	9 6	1 31	13 11	2 11	19 42	0 36	16 19	0 3	12 18	10 21	2 38	3 10	21 22	17 15	4 10
T 9	16 50	19 16	3 10	24 33	2 43	27 1	3 40	11 54	1 43	9 3	1 31	13 13	2 11	19 42	0 36	16 19	0 3	12 18	10 21	2 38	3 11	21 19	17 16	4 10
F 10	17 7	13 39	2 5	24 45	2 45	27 0	3 40	11 43	1 44	9 1	1 31	13 15	2 11	19 41	0 36	16 19	0 3	12 19	10 20	2 38	3 12	21 17	17 17	4 10
S 11	17 23	7 23	0 54	24 54	2 46	26 58	3 41	11 33	1 45	8 58	1 31	13 17	2 11	19 41	0 36	16 19	0 3	12 19	10 20	2 37	3 14	21 14	17 18	4 10
S 12	17 40	0 49	0s20	25 3	2 46	26 55	3 41	11 22	1 46	8 56	1 30	13 20	2 11	19 41	0 36	16 19	0 3	12 19	10 20	2 37	3 15	21 12	17 19	4 11
M13	17 56	5s43	1 32	25 9	2 45	26 52	3 41	11 12	1 47	8 54	1 30	13 22	2 11	19 40	0 36	16 19	0 3	12 20	10 20	2 38	3 16	21 9	17 20	4 11
T 14	18 11	11 56	2 38	25 15	2 44	26 49	3 41	11 1	1 48	8 52	1 30	13 24	2 11	19 40	0 36	16 19	0 3	12 20	10 20	2 39	3 17	21 7	17 22	4 11
W15	18 27	17 30	3 34	25 18	2 42	26 44	3 41	10 51	1 49	8 50	1 30	13 26	2 11	19 39	0 36	16 19	0 3	12 21	10 19	2 42	3 19	21 5	17 23	4 11
T 16	18 42	22 10	4 18	25 20	2 39	26 40	3 40	10 40	1 50	8 47	1 30	13 28	2 11	19 39	0 36	16 19	0 3	12 21	10 19	2 46	3 20	21 2	17 24	4 11
F 17	18 57	25 38	4 47	25 20	2 35	26 35	3 39	10 30	1 51	8 45	1 29	13 30	2 11	19 39	0 36	16 19	0 3	12 22	10 19	2 50	3 21	21 0	17 25	4 11
S 18	19 11	27 45	5 1	25 19	2 30	26 29	3 39	10 19	1 52	8 43	1 29	13 32	2 11	19 38	0 36	16 19	0 3	12 22	10 19	2 55	3 22	20 57	17 26	4 11
S 19	19 25	28 25	5 1	25 15	2 24	26 23	3 37	10 9	1 53	8 42	1 29	13 34	2 11	19 38	0 36	16 19	0 3	12 22	10 18	2 59	3 24	20 55	17 27	4 11
M20	19 39	27 39	4 46	25 10	2 16	26 16	3 36	9 59	1 54	8 40	1 29	13 37	2 11	19 37	0 36	16 19	0 3	12 23	10 18	3 3	3 25	20 52	17 28	4 11
T 21	19 52	25 36	4 19	25 2	2 8	26 8	3 35	9 48	1 55	8 38	1 28	13 39	2 11	19 37	0 36	16 19	0 3	12 23	10 18	3 6	3 26	20 50	17 29	4 12
W22	20 6	22 26	3 41	24 53	1 57	26 1	3 33	9 38	1 56	8 36	1 28	13 41	2 11	19 36	0 36	16 19	0 3	12 24	10 18	3 9	3 27	20 47	17 30	4 12
T 23	20 18	18 22	2 53	24 41	1 46	25 53	3 31	9 28	1 57	8 34	1 28	13 43	2 11	19 36	0 36	16 19	0 3	12 24	10 18	3 10	3 29	20 45	17 31	4 12
F 24	20 30	13 36	1 58	24 27	1 33	25 44	3 29	9 18	1 58	8 33	1 28	13 45	2 11	19 35	0 36	16 19	0 3	12 25	10 18	3 10	3 30	20 42	17 32	4 12
S 25	20 42	8 18	0 58	24 10	1 18	25 35	3 27	9 8	1 59	8 31	1 27	13 47	2 11	19 35	0 36	16 19	0 3	12 25	10 17	3 10	3 31	20 40	17 33	4 12
S 26	20 54	2 37	0n 6	23 51	1 2	25 26	3 24	8 58	2 0	8 30	1 27	13 49	2 11	19 34	0 36	16 19	0 3	12 25	10 17	3 10	3 32	20 37	17 34	4 12
M27	21 5	3n18	1 11	23 29	0 44	25 16	3 21	8 48	2 1	8 28	1 27	13 51	2 11	19 34	0 36	16 19	0 3	12 26	10 17	3 10	3 34	20 35	17 35	4 12
T 28	21 16	9 14	2 15	23 5	0 26	25 5	3 18	8 38	2 2	8 27	1 27	13 53	2 11	19 33	0 36	16 20	0 3	12 26	10 17	3 11	3 35	20 32	17 36	4 13
W29	21 26	14 57	3 13	22 38	0 6	24 55	3 14	8 28	2 3	8 26	1 26	13 55	2 11	19 33	0 36	16 20	0 3	12 26	10 17	3 14	3 36	20 30	17 37	4 13
T 30	21s36	20n 9	4n 2	22s 9	0n15	24s44	3s11	8n18	2n 5	8n24	1s26	13s57	2n11	19s32	0s36	16n20	0s 3	12s27	10n17	3s17	3s37	20s27	17s38	4n13

Julian Day Number = 2542429.5, Delta T = 218.89 sec
Ecliptic obliquity = 23°24'34, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°13'05, Lahiri = 27°20'05

ASTRODIENST EPHEMERIS for the year 2248
geocentric

DECEMBER 2248 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 24	8♐55'59	28♉55	12°R13	22♉52	14♍13	25°R 9	14♏10	5♒12	14°R48	16♐ 0	21°R33	20♓48	11♒36	9♐22	F 1
S 2	4 44 21	9°56'42	13♊14	10♐51	23°35	14°41	25♈ 5	14°16	5°14	14♑47	16° 3	21♓21	20°44	11°43	9°30	S 2
S 3	4 48 17	10°57'25	27°47	9°29	24°17	15° 8	25° 2	14°23	5°17	14°47	16° 5	21° 9	20°41	11°49	9°37	S 3
M 4	4 52 14	11°58'10	12♋28	8° 8	24°58	15°35	24°58	14°30	5°19	14°46	16° 7	20°58	20°38	11°56	9°45	M 4
T 5	4 56 10	12°58'56	27° 9	6°53	25°38	16° 2	24°55	14°36	5°22	14°46	16°10	20°50	20°35	12° 3	9°53	T 5
W 6	5 0 7	13°59'44	11♌42	5°44	26°17	16°29	24°52	14°43	5°24	14°45	16°12	20°44	20°32	12° 9	10° 1	W 6
T 7	5 4 4	15° 0'33	26° 4	4°44	26°54	16°56	24°50	14°50	5°27	14°44	16°14	20°41	20°29	12°16	10° 8	T 7
F 8	5 8 0	16° 1'23	10♍12	3°55	27°30	17°22	24°47	14°56	5°29	14°44	16°17	20°40	20°25	12°23	10°16	F 8
S 9	5 11 57	17° 2'15	24° 4	3°16	28° 5	17°48	24°45	15° 3	5°32	14°43	16°19	20°40	20°22	12°29	10°24	S 9
S 10	5 15 53	18° 3'08	7♎42	2°49	28°38	18°14	24°43	15° 9	5°34	14°42	16°21	20°40	20°19	12°36	10°32	S 10
M11	5 19 50	19° 4'02	21° 7	2°34	29°10	18°39	24°41	15°16	5°37	14°42	16°24	20°37	20°16	12°43	10°39	M11
T 12	5 23 46	20° 4'58	4♏20	2°D29	29°40	19° 4	24°39	15°22	5°40	14°41	16°26	20°32	20°13	12°49	10°47	T 12
W13	5 27 43	21° 5'55	17°22	2°35	0♒ 9	19°29	24°38	15°28	5°42	14°40	16°28	20°24	20° 9	12°56	10°55	W13
T 14	5 31 39	22° 6'53	0♐13	2°50	0°36	19°54	24°37	15°35	5°45	14°39	16°31	20°12	20° 6	13° 3	11° 2	T 14
F 15	5 35 36	23° 7'52	12°54	3°14	1° 1	20°18	24°35	15°41	5°48	14°38	16°33	19°59	20° 3	13° 9	11°10	F 15
S 16	5 39 33	24° 8'52	25°23	3°46	1°25	20°42	24°35	15°47	5°51	14°37	16°35	19°44	20° 0	13°16	11°17	S 16
S 17	5 43 29	25° 9'53	7♑41	4°25	1°46	21° 6	24°34	15°53	5°54	14°36	16°38	19°30	19°57	13°23	11°25	S 17
M18	5 47 26	26°10'54	19°48	5°10	2° 6	21°30	24°34	16° 0	5°57	14°35	16°40	19°17	19°54	13°29	11°33	M18
T 19	5 51 22	27°11'56	1♒46	6° 1	2°24	21°53	24°33	16° 6	5°59	14°34	16°42	19° 6	19°50	13°36	11°40	T 19
W20	5 55 19	28°12'59	13°38	6°57	2°40	22°16	24°D33	16°12	6° 2	14°33	16°44	18°58	19°47	13°43	11°48	W20
T 21	5 59 15	29°14'02	25°25	7°56	2°53	22°38	24°34	16°18	6° 5	14°32	16°47	18°53	19°44	13°49	11°55	T 21
F 22	6 3 12	0♑15'06	7♓12	9° 0	3° 5	23° 0	24°34	16°23	6° 8	14°31	16°49	18°51	19°41	13°56	12° 3	F 22
S 23	6 7 9	1°16'10	19° 4	10° 7	3°14	23°22	24°35	16°29	6°11	14°30	16°51	18°D51	19°38	14° 3	12°10	S 23
S 24	6 11 5	2°17'14	1♈ 7	11°17	3°21	23°43	24°35	16°35	6°14	14°29	16°54	18°R51	19°35	14° 9	12°18	S 24
M25	6 15 2	3°18'18	13°25	12°29	3°25	24° 5	24°36	16°41	6°18	14°28	16°56	18°50	19°31	14°16	12°25	M25
T 26	6 18 58	4°19'23	26° 5	13°43	3°R27	24°25	24°38	16°46	6°21	14°27	16°58	18°48	19°28	14°23	12°32	T 26
W27	6 22 55	5°20'28	9♉11	15° 0	3°27	24°46	24°39	16°52	6°24	14°25	17° 0	18°44	19°25	14°29	12°40	W27
T 28	6 26 51	6°21'33	22°45	16°18	3°24	25° 6	24°41	16°58	6°27	14°24	17° 2	18°37	19°22	14°36	12°47	T 28
F 29	6 30 48	7°22'38	6♊49	17°37	3°19	25°25	24°43	17° 3	6°30	14°23	17° 5	18°28	19°19	14°43	12°54	F 29
S 30	6 34 44	8°23'44	21°19	18°58	3°11	25°44	24°45	17° 8	6°33	14°22	17° 7	18°17	19°15	14°49	13° 1	S 30
S 31	6 38 41	9♑24'50	6♋10	20♐20	3♒ 1	26♍ 3	24♈47	17♏14	6♒36	14♑20	17♐ 9	18♓ 6	19♓12	14♒56	13♐ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s46	24n24	4n38	21s39	0n35	24s33	3s 7	8n 8	2n 6	8n23	1s26	13s59	2n11	19s31	0s36	16n20	0s 3	12s27	10n17	3s21	3s39	20s25	17s39	4n13
S 2	21 55	27 17	4 57	21 8	0 55	24 21	3 3	7 59	2 7	8 22	1 26	14 1	2 11	19 31	0 36	16 20	0 3	12 27	10 16	3 26	3 40	20 22	17 40	4 13
S 3	22 4	28 22	4 58	20 37	1 15	24 9	2 58	7 49	2 8	8 21	1 25	14 2	2 11	19 30	0 36	16 20	0 3	12 28	10 16	3 30	3 41	20 20	17 41	4 14
M 4	22 12	27 28	4 40	20 7	1 33	23 57	2 53	7 39	2 9	8 20	1 25	14 4	2 12	19 30	0 36	16 20	0 3	12 28	10 16	3 35	3 42	20 17	17 42	4 14
T 5	22 20	24 40	4 3	19 38	1 49	23 45	2 48	7 30	2 10	8 19	1 25	14 6	2 12	19 29	0 36	16 21	0 3	12 28	10 16	3 38	3 44	20 15	17 43	4 14
W 6	22 27	20 18	3 10	19 12	2 3	23 32	2 43	7 21	2 11	8 19	1 24	14 8	2 12	19 28	0 36	16 21	0 3	12 29	10 16	3 40	3 45	20 12	17 44	4 14
T 7	22 34	14 47	2 6	18 50	2 16	23 19	2 37	7 11	2 13	8 18	1 24	14 10	2 12	19 28	0 36	16 21	0 3	12 29	10 16	3 41	3 46	20 9	17 45	4 14
F 8	22 41	8 35	0 55	18 31	2 26	23 6	2 31	7 2	2 14	8 17	1 24	14 12	2 12	19 27	0 36	16 21	0 3	12 29	10 16	3 42	3 47	20 7	17 46	4 15
S 9	22 47	2 5	0s18	18 16	2 34	22 53	2 24	6 53	2 15	8 17	1 24	14 14	2 12	19 27	0 36	16 21	0 3	12 30	10 16	3 42	3 49	20 4	17 46	4 15
S 10	22 52	4s25	1 29	18 6	2 39	22 39	2 18	6 44	2 16	8 16	1 23	14 15	2 12	19 26	0 36	16 22	0 3	12 30	10 16	3 42	3 50	20 2	17 47	4 15
M11	22 58	10 36	2 33	17 59	2 43	22 26	2 11	6 35	2 17	8 16	1 23	14 17	2 12	19 25	0 36	16 22	0 3	12 30	10 16	3 43	3 51	19 59	17 48	4 15
T 12	23 2	16 13	3 29	17 56	2 45	22 12	2 3	6 27	2 18	8 15	1 23	14 19	2 12	19 25	0 36	16 22	0 3	12 31	10 15	3 45	3 52	19 57	17 49	4 16
W13	23 7	21 1	4 12	17 57	2 45	21 58	1 55	6 18	2 20	8 15	1 22	14 21	2 12	19 24	0 36	16 22	0 3	12 31	10 15	3 48	3 54	19 54	17 50	4 16
T 14	23 11	24 46	4 42	18 1	2 44	21 44	1 47	6 9	2 21	8 15	1 22	14 22	2 12	19 23	0 36	16 23	0 3	12 31	10 15	3 53	3 55	19 51	17 50	4 16
F 15	23 14	27 14	4 57	18 8	2 41	21 30	1 38	6 1	2 22	8 15	1 22	14 24	2 13	19 22	0 36	16 23	0 3	12 31	10 15	3 58	3 56	19 49	17 51	4 16
S 16	23 17	28 18	4 58	18 18	2 38	21 16	1 29	5 53	2 23	8 15	1 21	14 26	2 13	19 22	0 36	16 23	0 3	12 32	10 15	4 4	3 57	19 46	17 52	4 17
S 17	23 19	27 56	4 45	18 29	2 33	21 2	1 20	5 44	2 25	8 15	1 21	14 27	2 13	19 21	0 36	16 23	0 3	12 32	10 15	4 9	3 59	19 44	17 53	4 17
M18	23 21	26 13	4 19	18 42	2 28	20 48	1 10	5 36	2 26	8 15	1 21	14 29	2 13	19 20	0 36	16 24	0 3	12 32	10 15	4 14	4 0	19 41	17 53	4 17
T 19	23 23	23 20	3 42	18 57	2 22	20 34	1 0	5 28	2 27	8 15	1 20	14 31	2 13	19 20	0 36	16 24	0 3	12 32	10 15	4 19	4 1	19 38	17 54	4 18
W20	23 24	19 30	2 55	19 12	2 16	20 20	0 49	5 21	2 29	8 16	1 20	14 32	2 13	19 19	0 36	16 24	0 3	12 33	10 15	4 22	4 2	19 36	17 55	4 18
T 21	23 24	14 56	2 1	19 29	2 9	20 7	0 38	5 13	2 30	8 16	1 20	14 34	2 13	19 18	0 36	16 25	0 2	12 33	10 15	4 23	4 4	19 33	17 55	4 18
F 22	23 25	9 48	1 1	19 46	2 2	19 53	0 27	5 5	2 31	8 16	1 20	14 35	2 13	19 17	0 36	16 25	0 2	12 33	10 15	4 24	4 5	19 30	17 56	4 19
S 23	23 24	4 18	0n 1	20 3	1 55	19 39	0 15	4 58	2 32	8 17	1 19	14 37	2 13	19 17	0 36	16 25	0 2	12 33	10 15	4 24	4 6	19 28	17 57	4 19
S 24	23 23	1n26	1 5	20 20	1 47	19 26	0 3	4 51	2 34	8 18	1 19	14 38	2 14	19 16	0 36	16 26	0 2	12 34	10 15	4 24	4 7	19 25	17 57	4 19
M25	23 22	7 14	2 7	20 38	1 39	19 12	0n10	4 43	2 35	8 18	1 19	14 40	2 14	19 15	0 36	16 26	0 2	12 34	10 15	4 25	4 9	19 22	17 58	4 20
T 26	23 20	12 55	3 4	20 55	1 31	18 59	0 23	4 36	2 36	8 19	1 18	14 41	2 14	19 14	0 36	16 26	0 2	12 34	10 15	4 25	4 10	19 20	17 58	4 20
W27	23 18	18 13	3 54	21 11	1 23	18 46	0 36	4 30	2 38	8 20	1 18	14 43	2 14	19 13	0 36	16 27	0 2	12 34	10 15	4 27	4 11	19 17	17 59	4 20
T 28	23 15	22 49	4 32	21 28	1 15	18 33	0 50	4 23	2 39	8 21	1 18	14 44	2 14	19 13	0 36	16 27	0 2	12 34	10 15	4 30	4 12	19 15	18 0	4 21
F 29	23 12	26 17	4 56	21 44	1 7	18 21	1 4	4 16	2 41	8 22	1 17	14 45	2 14	19 12	0 35	16 27	0 2	12 34	10 15	4 33	4 14	19 12	18 0	4 21
S 30	23 9	28 9	5 2	21 59	0 59	18 9	1 19	4 10	2 42	8 23	1 17	14 47	2 14	19 11	0 35	16 28	0 2	12 35	10 15	4 38	4 15	19 9	18 1	4 21
S 31	23s 5	28n 3	4n47	22s13	0n50	17s57	1n33	4n 4	2n43	8n24	1s17	14s48	2n15	19s10	0s35	16n28	0s 2	12s35	10n15	4s42	4s16	19s 6	18s 1	4n22

Julian Day Number = 2542459.5, Delta T = 218.99 sec
Ecliptic obliquity = 23°24'33, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°13'09, Lahiri = 27°20'10