Astrodienst Ephemeris Tables

for the year 2213

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 2213
geocentric

JANUARY 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 31	10♑10'14	8♈12	29♑ 2	4♑ 1	29°R45	10♈12	25°R29	28°R53	21°R50	19°R50	23°R54	25♒26	20♑13	11♓26	F 1
S 2	6 45 28	11°11'21	21° 9	0♒18	5°16	29♊24	10°18	25♌26	28♌51	21♉49	19♍49	23♒54	25°23	20°20	11°29	S 2
S 3	6 49 24	12°12'29	4♉33	1°31	6°32	29° 3	10°24	25°23	28°50	21°48	19°49	23°51	25°20	20°27	11°31	S 3
M 4	6 53 21	13°13'36	18°27	2°39	7°47	28°43	10°30	25°20	28°48	21°47	19°49	23°47	25°17	20°33	11°34	M 4
T 5	6 57 17	14°14'44	2♊50	3°43	9° 3	28°24	10°36	25°17	28°47	21°46	19°48	23°42	25°14	20°40	11°36	T 5
W 6	7 1 14	15°15'51	17°38	4°42	10°18	28° 5	10°42	25°14	28°45	21°45	19°48	23°36	25°10	20°47	11°39	W 6
T 7	7 5 11	16°16'58	2♋46	5°34	11°33	27°46	10°49	25°11	28°43	21°45	19°47	23°30	25° 7	20°53	11°41	T 7
F 8	7 9 7	17°18'05	18° 3	6°19	12°49	27°28	10°55	25° 8	28°42	21°44	19°47	23°25	25° 4	21° 0	11°44	F 8
S 9	7 13 4	18°19'12	3♌19	6°55	14° 4	27°11	11° 2	25° 4	28°40	21°43	19°46	23°22	25° 1	21° 7	11°46	S 9
S 10	7 17 0	19°20'19	18°24	7°23	15°20	26°55	11° 9	25° 1	28°38	21°42	19°46	23°D21	24°58	21°13	11°49	S 10
M11	7 20 57	20°21'26	3♍ 9	7°41	16°35	26°39	11°16	24°57	28°36	21°41	19°45	23°21	24°55	21°20	11°52	M11
T 12	7 24 53	21°22'34	17°30	7°R48	17°51	26°24	11°24	24°54	28°34	21°41	19°44	23°22	24°51	21°27	11°55	T 12
W13	7 28 50	22°23'41	1♎23	7°44	19° 6	26°10	11°31	24°50	28°32	21°40	19°44	23°24	24°48	21°33	11°57	W13
T 14	7 32 46	23°24'48	14°50	7°29	20°22	25°56	11°39	24°46	28°30	21°40	19°43	23°25	24°45	21°40	12° 0	T 14
F 15	7 36 43	24°25'55	27°53	7° 1	21°37	25°44	11°46	24°43	28°28	21°39	19°42	23°R25	24°42	21°47	12° 3	F 15
S 16	7 40 40	25°27'02	10♏36	6°22	22°53	25°32	11°54	24°39	28°26	21°38	19°42	23°24	24°39	21°53	12° 6	S 16
S 17	7 44 36	26°28'10	23° 1	5°32	24° 8	25°21	12° 2	24°35	28°24	21°38	19°41	23°22	24°36	22° 0	12° 9	S 17
M18	7 48 33	27°29'17	5♐13	4°32	25°24	25°10	12°11	24°31	28°22	21°37	19°40	23°18	24°32	22° 7	12°12	M18
T 19	7 52 29	28°30'24	17°15	3°25	26°39	25° 1	12°19	24°27	28°20	21°37	19°39	23°14	24°29	22°13	12°15	T 19
W20	7 56 26	29°31'31	29°10	2°11	27°55	24°52	12°27	24°22	28°18	21°36	19°38	23°10	24°26	22°20	12°18	W20
T 21	8 0 22	0♒32'37	11♑ 0	0°54	29°10	24°44	12°36	24°18	28°16	21°36	19°37	23° 5	24°23	22°27	12°21	T 21
F 22	8 4 19	1°33'43	22°49	29♑36	0♒26	24°37	12°45	24°14	28°13	21°36	19°37	23° 2	24°20	22°33	12°24	F 22
S 23	8 8 15	2°34'49	4♒38	28°18	1°41	24°31	12°54	24°10	28°11	21°35	19°36	23° 0	24°16	22°40	12°28	S 23
S 24	8 12 12	3°35'53	16°28	27° 5	2°56	24°25	13° 3	24° 5	28° 9	21°35	19°35	22°59	24°13	22°47	12°31	S 24
M25	8 16 9	4°36'58	28°23	25°56	4°12	24°21	13°12	24° 1	28° 6	21°35	19°34	22°D59	24°10	22°53	12°34	M25
T 26	8 20 5	5°38'01	10♓23	24°55	5°27	24°17	13°21	23°56	28° 4	21°35	19°33	22°59	24° 7	23° 0	12°37	T 26
W27	8 24 2	6°39'03	22°33	24° 1	6°43	24°14	13°31	23°52	28° 2	21°34	19°32	23° 1	24° 4	23° 7	12°41	W27
T 28	8 27 58	7°40'05	4♈55	23°16	7°58	24°12	13°40	23°47	27°59	21°34	19°30	23° 2	24° 1	23°13	12°44	T 28
F 29	8 31 55	8°41'05	17°32	22°40	9°14	24°10	13°50	23°43	27°57	21°34	19°29	23° 4	23°57	23°20	12°47	F 29
S 30	8 35 51	9°42'05	0♉27	22°13	10°29	24°D10	14° 0	23°38	27°54	21°34	19°28	23° 4	23°54	23°27	12°51	S 30
S 31	8 39 48	10♒43'03	13♉45	21♑55	11♒44	24♊10	14♈10	23♌33	27♌52	21♉34	19♍27	23°R 4	23♒51	23♑33	12♓54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 1	6n34	3n37	22s 0	1s42	23s32	0s11	26n51	3n27	2n50	1s18	14n 7	1n10	12n34	0n46	16n30	1s46	17n 9	14n19	13s32	13s 2	24s50	2s39	4n59
S 2	22 57	12 17	4 21	21 37	1 35	23 32	0 13	26 52	3 27	2 53	1 18	14 8	1 10	12 35	0 46	16 30	1 46	17 10	14 20	13 32	13 3	24 48	2 38	4 59
S 3	22 51	17 37	4 53	21 12	1 26	23 31	0 15	26 53	3 28	2 55	1 18	14 9	1 10	12 35	0 46	16 29	1 46	17 10	14 20	13 33	13 4	24 46	2 38	4 59
M 4	22 45	22 15	5 9	20 48	1 17	23 29	0 18	26 53	3 29	2 58	1 17	14 10	1 10	12 36	0 46	16 29	1 46	17 11	14 20	13 35	13 5	24 45	2 37	4 58
T 5	22 39	25 43	5 7	20 23	1 6	23 26	0 20	26 54	3 30	3 1	1 17	14 11	1 11	12 36	0 46	16 29	1 46	17 12	14 21	13 36	13 6	24 43	2 36	4 58
W 6	22 32	27 33	4 44	19 58	0 55	23 23	0 23	26 54	3 30	3 3	1 17	14 12	1 11	12 37	0 46	16 29	1 46	17 12	14 21	13 38	13 7	24 41	2 36	4 58
T 7	22 25	27 24	4 1	19 33	0 42	23 19	0 25	26 54	3 30	3 6	1 16	14 14	1 11	12 37	0 46	16 29	1 46	17 13	14 22	13 40	13 8	24 39	2 35	4 58
F 8	22 18	25 11	3 1	19 8	0 29	23 15	0 27	26 54	3 31	3 9	1 16	14 15	1 11	12 38	0 46	16 29	1 46	17 13	14 22	13 42	13 9	24 38	2 34	4 57
S 9	22 10	21 8	1 47	18 45	0 14	23 9	0 29	26 54	3 31	3 12	1 16	14 16	1 11	12 39	0 46	16 28	1 46	17 14	14 23	13 43	13 10	24 36	2 34	4 57
S 10	22 1	15 43	0 27	18 22	0n 2	23 3	0 32	26 54	3 31	3 15	1 16	14 18	1 11	12 39	0 46	16 28	1 46	17 15	14 23	13 43	13 11	24 34	2 33	4 57
M11	21 52	9 30	0s53	18 2	0 19	22 57	0 34	26 54	3 31	3 18	1 15	14 19	1 12	12 40	0 46	16 28	1 46	17 15	14 24	13 43	13 12	24 32	2 32	4 56
T 12	21 43	2 58	2 8	17 43	0 36	22 49	0 36	26 53	3 31	3 21	1 15	14 20	1 12	12 41	0 46	16 28	1 45	17 16	14 24	13 43	13 13	24 31	2 31	4 56
W13	21 33	3s31	3 13	17 26	0 55	22 41	0 38	26 53	3 31	3 24	1 15	14 22	1 12	12 41	0 46	16 28	1 45	17 17	14 25	13 42	13 14	24 29	2 30	4 56
T 14	21 23	9 37	4 6	17 12	1 14	22 32	0 40	26 52	3 31	3 27	1 15	14 23	1 12	12 42	0 46	16 28	1 45	17 17	14 25	13 42	13 15	24 27	2 30	4 56
F 15	21 13	15 7	4 43	17 0	1 32	22 23	0 42	26 52	3 31	3 30	1 14	14 24	1 12	12 43	0 46	16 28	1 45	17 18	14 26	13 42	13 17	24 25	2 29	4 55
S 16	21 2	19 49	5 6	16 52	1 51	22 12	0 44	26 51	3 31	3 34	1 14	14 26	1 12	12 44	0 46	16 28	1 45	17 19	14 26	13 42	13 18	24 23	2 28	4 55
S 17	20 50	23 34	5 14	16 47	2 9	22 1	0 47	26 50	3 30	3 37	1 14	14 27	1 13	12 44	0 46	16 28	1 45	17 19	14 26	13 43	13 19	24 22	2 27	4 55
M18	20 38	26 11	5 7	16 44	2 26	21 50	0 49	26 49	3 30	3 41	1 14	14 29	1 13	12 45	0 46	16 27	1 45	17 20	14 27	13 44	13 20	24 20	2 26	4 55
T 19	20 26	27 34	4 47	16 44	2 42	21 38	0 50	26 49	3 30	3 44	1 13	14 30	1 13	12 46	0 46	16 27	1 45	17 21	14 27	13 46	13 21	24 18	2 25	4 54
W20	20 14	27 39	4 14	16 47	2 56	21 25	0 52	26 48	3 29	3 48	1 13	14 32	1 13	12 47	0 46	16 27	1 45	17 22	14 28	13 47	13 22	24 16	2 24	4 54
T 21	20 1	26 28	3 31	16 53	3 8	21 11	0 54	26 47	3 29	3 51	1 13	14 34	1 13	12 48	0 46	16 27	1 45	17 22	14 28	13 48	13 23	24 14	2 23	4 54
F 22	19 47	24 6	2 39	17 0	3 17	20 57	0 56	26 46	3 28	3 55	1 13	14 35	1 13	12 48	0 46	16 27	1 45	17 23	14 29	13 49	13 24	24 12	2 22	4 54
S 23	19 34	20 42	1 40	17 9	3 24	20 42	0 58	26 45	3 27	3 58	1 13	14 37	1 14	12 49	0 46	16 27	1 45	17 24	14 29	13 50	13 25	24 10	2 21	4 53
S 24	19 20	16 27	0 36	17 19	3 28	20 27	1 0	26 44	3 27	4 2	1 12	14 38	1 14	12 50	0 46	16 27	1 45	17 25	14 29	13 51	13 26	24 9	2 20	4 53
M25	19 5	11 34	0n30	17 30	3 30	20 11	1 1	26 43	3 26	4 6	1 12	14 40	1 14	12 51	0 46	16 27	1 45	17 25	14 30	13 51	13 27	24 7	2 19	4 53
T 26	18 51	6 12	1 35	17 41	3 30	19 54	1 3	26 42	3 25	4 10	1 12	14 42	1 14	12 52	0 47	16 27	1 45	17 26	14 30	13 50	13 28	24 5	2 18	4 53
W27	18 35	0 33	2 37	17 53	3 27	19 37	1 5	26 42	3 24	4 14	1 12	14 43	1 14	12 52	0 47	16 27	1 45	17 27	14 31	13 50	13 29	24 3	2 17	4 52
T 28	18 20	5n12	3 32	18 5	3 23	19 19	1 6	26 41	3 24	4 18	1 11	14 45	1 14	12 53	0 47	16 27	1 45	17 28	14 31	13 49	13 30	24 1	2 16	4 52
F 29	18 4	10 51	4 18	18 17	3 17	19 1	1 8	26 40	3 23	4 22	1 11	14 46	1 14	12 54	0 47	16 27	1 44	17 28	14 31	13 49	13 31	23 59	2 15	4 52
S 30	17 48	16 11	4 53	18 28	3 9	18 42	1 9	26 39	3 22	4 26	1 11	14 48	1 15	12 55	0 47	16 27	1 44	17 29	14 32	13 49	13 32	23 57	2 14	4 52
S 31	17s32	20n55	5n13	18s39	3n 1	18s23	1s11	26n38	3n21	4n30	1s11	14n50	1n15	12n56	0n47	16n27	1s44	17n30	14n32	13s49	13s33	23s55	2s13	4n52

Julian Day Number = 2529341.5, Delta T = 176.26 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'01, Lahiri = 26°50'02

ASTRODIENST EPHEMERIS for the year 2213
geocentric

FEBRUARY 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 44	11♒44'01	27♉27	21°R46	13♒ 0	24♊11	14♈20	23°R28	27°R49	21°D34	19°R26	23°R 4	23♒48	23♉40	12♓58	M 1
T 2	8 47 41	12°44'57	11♊34	21°D45	14°15	24°13	14°30	23♌24	27♌47	21♉34	19♍25	23♒ 3	23°45	23°47	13° 1	T 2
W 3	8 51 38	13°45'52	26° 4	21♉51	15°30	24°15	14°41	23°19	27°44	21°34	19°24	23° 2	23°42	23°53	13° 5	W 3
T 4	8 55 34	14°46'46	10♋55	22° 5	16°46	24°18	14°51	23°14	27°42	21°34	19°22	23° 1	23°38	24° 0	13° 8	T 4
F 5	8 59 31	15°47'38	26° 0	22°25	18° 1	24°22	15° 2	23° 9	27°39	21°34	19°21	23° 0	23°35	24° 7	13°12	F 5
S 6	9 3 27	16°48'30	11♌ 9	22°51	19°16	24°27	15°12	23° 5	27°37	21°35	19°20	23° 0	23°32	24°13	13°15	S 6
S 7	9 7 24	17°49'20	26°15	23°23	20°32	24°32	15°23	23° 0	27°34	21°35	19°19	23°D 0	23°29	24°20	13°19	S 7
M 8	9 11 20	18°50'09	11♍ 7	23°59	21°47	24°38	15°34	22°55	27°32	21°35	19°17	23° 0	23°26	24°27	13°23	M 8
T 9	9 15 17	19°50'57	25°38	24°41	23° 2	24°44	15°45	22°50	27°29	21°35	19°16	23° 0	23°22	24°33	13°26	T 9
W10	9 19 14	20°51'44	9♎45	25°26	24°18	24°52	15°56	22°45	27°26	21°36	19°15	23° 0	23°19	24°40	13°30	W10
T 11	9 23 10	21°52'30	23°24	26°16	25°33	24°59	16° 7	22°40	27°24	21°36	19°13	23° 0	23°16	24°47	13°34	T 11
F 12	9 27 7	22°53'16	6♏36	27° 9	26°48	25° 8	16°18	22°35	27°21	21°36	19°12	23°R 1	23°13	24°53	13°37	F 12
S 13	9 31 3	23°54'00	19°24	28° 5	28° 3	25°17	16°30	22°30	27°19	21°37	19°11	23°D 1	23°10	25° 0	13°41	S 13
S 14	9 35 0	24°54'44	1♐51	29° 4	29°19	25°27	16°41	22°25	27°16	21°37	19° 9	23° 1	23° 7	25° 7	13°45	S 14
M15	9 38 56	25°55'26	14° 2	0♒ 6	0♓34	25°37	16°53	22°21	27°13	21°38	19° 8	23° 1	23° 3	25°13	13°48	M15
T 16	9 42 53	26°56'07	26° 1	1°10	1°49	25°48	17° 5	22°16	27°11	21°38	19° 6	23° 1	23° 0	25°20	13°52	T 16
W17	9 46 49	27°56'47	7♑52	2°16	3° 4	25°59	17°16	22°11	27° 8	21°39	19° 5	23° 2	22°57	25°27	13°56	W17
T 18	9 50 46	28°57'26	19°40	3°25	4°19	26°11	17°28	22° 6	27° 5	21°39	19° 3	23° 2	22°54	25°33	14° 0	T 18
F 19	9 54 43	29°58'04	1♒28	4°36	5°35	26°24	17°40	22° 1	27° 3	21°40	19° 2	23° 3	22°51	25°40	14° 4	F 19
S 20	9 58 39	0♓58'41	13°19	5°48	6°50	26°37	17°52	21°56	27° 0	21°40	19° 0	23° 3	22°48	25°47	14° 7	S 20
S 21	10 2 36	1°59'16	25°15	7° 3	8° 5	26°50	18° 4	21°52	26°58	21°41	18°59	23°R 3	22°44	25°53	14°11	S 21
M22	10 6 32	2°59'49	7♓20	8°19	9°20	27° 4	18°17	21°47	26°55	21°42	18°57	23° 3	22°41	26° 0	14°15	M22
T 23	10 10 29	4° 0'21	19°34	9°36	10°35	27°19	18°29	21°42	26°52	21°43	18°56	23° 2	22°38	26° 7	14°19	T 23
W24	10 14 25	5° 0'51	1♈58	10°55	11°50	27°34	18°41	21°37	26°50	21°43	18°54	23° 1	22°35	26°13	14°23	W24
T 25	10 18 22	6° 1'20	14°35	12°16	13° 5	27°50	18°54	21°33	26°47	21°44	18°53	22°59	22°32	26°20	14°27	T 25
F 26	10 22 18	7° 1'47	27°26	13°37	14°20	28° 6	19° 6	21°28	26°45	21°45	18°51	22°57	22°28	26°27	14°31	F 26
S 27	10 26 15	8° 2'12	10♉31	15° 0	15°35	28°22	19°19	21°23	26°42	21°46	18°50	22°55	22°25	26°33	14°34	S 27
S 28	10 30 11	9♓ 2'35	23♉52	16♒24	16♓50	28♊39	19♈31	21♌19	26♌39	21♉47	18♍48	22♒54	22♒22	26♉40	14♓38	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s15	24n42	5n16	18s50	2n51	18s 3	1s12	26n37	3n20	4n34	1s11	14n51	1n15	12n57	0n47	16n27	1s44	17n31	14n32	13s49	13s34	23s53	2s12	4n51
T 2	16 58	27 7	5 1	19 0	2 41	17 42	1 13	26 36	3 19	4 38	1 10	14 53	1 15	12 58	0 47	16 27	1 44	17 32	14 33	13 49	13 35	23 52	2 11	4 51
W 3	16 41	27 47	4 26	19 10	2 31	17 21	1 15	26 35	3 18	4 42	1 10	14 55	1 15	12 59	0 47	16 28	1 44	17 32	14 33	13 49	13 37	23 50	2 9	4 51
T 4	16 23	26 30	3 33	19 18	2 20	17 0	1 16	26 34	3 17	4 46	1 10	14 57	1 15	12 59	0 47	16 28	1 44	17 33	14 33	13 50	13 38	23 48	2 8	4 51
F 5	16 5	23 17	2 24	19 26	2 9	16 38	1 17	26 34	3 16	4 50	1 10	14 58	1 15	13 0	0 47	16 28	1 44	17 34	14 34	13 50	13 39	23 46	2 7	4 51
S 6	15 47	18 27	1 5	19 33	1 58	16 16	1 18	26 33	3 15	4 55	1 9	15 0	1 15	13 1	0 47	16 28	1 44	17 35	14 34	13 50	13 40	23 44	2 6	4 51
S 7	15 28	12 28	0s18	19 39	1 46	15 53	1 19	26 32	3 14	4 59	1 9	15 2	1 16	13 2	0 47	16 28	1 44	17 35	14 34	13 50	13 41	23 42	2 5	4 50
M 8	15 10	5 52	1 39	19 44	1 35	15 30	1 20	26 31	3 13	5 3	1 9	15 3	1 16	13 3	0 47	16 28	1 44	17 36	14 35	13 50	13 42	23 40	2 3	4 50
T 9	14 51	0s54	2 52	19 48	1 24	15 6	1 21	26 30	3 12	5 8	1 9	15 5	1 16	13 4	0 47	16 28	1 44	17 37	14 35	13 50	13 43	23 38	2 2	4 50
W10	14 32	7 24	3 52	19 50	1 13	14 42	1 22	26 30	3 11	5 12	1 9	15 7	1 16	13 5	0 47	16 28	1 44	17 38	14 35	13 50	13 44	23 36	2 1	4 50
T 11	14 12	13 21	4 37	19 52	1 2	14 17	1 23	26 29	3 10	5 17	1 9	15 8	1 16	13 6	0 47	16 28	1 44	17 39	14 35	13 50	13 45	23 34	2 0	4 50
F 12	13 52	18 30	5 5	19 53	0 51	13 52	1 23	26 28	3 9	5 21	1 8	15 10	1 16	13 7	0 47	16 29	1 44	17 39	14 36	13 50	13 46	23 32	1 59	4 50
S 13	13 32	22 39	5 17	19 52	0 40	13 27	1 24	26 27	3 8	5 26	1 8	15 12	1 16	13 8	0 47	16 29	1 44	17 40	14 36	13 50	13 47	23 30	1 57	4 49
S 14	13 12	25 38	5 14	19 50	0 30	13 1	1 25	26 27	3 7	5 30	1 8	15 13	1 16	13 8	0 47	16 29	1 43	17 41	14 36	13 50	13 48	23 28	1 56	4 49
M15	12 52	27 22	4 57	19 47	0 20	12 35	1 25	26 26	3 5	5 35	1 8	15 15	1 16	13 9	0 47	16 29	1 43	17 42	14 37	13 50	13 49	23 26	1 55	4 49
T 16	12 31	27 48	4 27	19 43	0 10	12 9	1 26	26 25	3 4	5 40	1 8	15 17	1 16	13 10	0 47	16 29	1 43	17 43	14 37	13 50	13 50	23 24	1 53	4 49
W17	12 10	26 56	3 46	19 38	0 0	11 42	1 26	26 24	3 3	5 44	1 7	15 19	1 16	13 11	0 47	16 30	1 43	17 43	14 37	13 50	13 51	23 22	1 52	4 49
T 18	11 49	24 52	2 55	19 31	0s 9	11 15	1 26	26 24	3 2	5 49	1 7	15 20	1 17	13 12	0 47	16 30	1 43	17 44	14 37	13 49	13 52	23 20	1 51	4 49
F 19	11 28	21 43	1 57	19 23	0 18	10 48	1 27	26 23	3 1	5 54	1 7	15 22	1 17	13 13	0 47	16 30	1 43	17 45	14 38	13 49	13 53	23 18	1 49	4 49
S 20	11 7	17 40	0 54	19 14	0 27	10 20	1 27	26 22	3 0	5 58	1 7	15 23	1 17	13 14	0 47	16 30	1 43	17 46	14 38	13 49	13 54	23 16	1 48	4 48
S 21	10 45	12 54	0n12	19 3	0 35	9 53	1 27	26 21	2 59	6 3	1 7	15 25	1 17	13 15	0 47	16 30	1 43	17 47	14 38	13 49	13 55	23 14	1 47	4 48
M22	10 24	7 36	1 18	18 52	0 43	9 24	1 27	26 21	2 58	6 8	1 7	15 27	1 17	13 16	0 47	16 31	1 43	17 47	14 38	13 49	13 56	23 12	1 45	4 48
T 23	10 2	1 57	2 22	18 39	0 51	8 56	1 27	26 20	2 57	6 13	1 6	15 28	1 17	13 17	0 47	16 31	1 43	17 48	14 38	13 49	13 57	23 10	1 44	4 48
W24	9 40	3n50	3 19	18 25	0 58	8 27	1 27	26 19	2 55	6 18	1 6	15 30	1 17	13 17	0 47	16 31	1 43	17 49	14 38	13 50	13 58	23 8	1 43	4 48
T 25	9 18	9 33	4 8	18 9	1 6	7 59	1 27	26 18	2 54	6 22	1 6	15 31	1 17	13 18	0 47	16 31	1 43	17 50	14 39	13 51	13 59	23 6	1 41	4 48
F 26	8 55	14 59	4 46	17 52	1 12	7 30	1 27	26 17	2 53	6 27	1 6	15 33	1 17	13 19	0 47	16 32	1 43	17 50	14 39	13 51	14 0	23 4	1 40	4 48
S 27	8 33	19 51	5 9	17 34	1 19	7 0	1 27	26 16	2 52	6 32	1 6	15 34	1 17	13 20	0 47	16 32	1 43	17 51	14 39	13 52	14 1	23 2	1 38	4 48
S 28	8s10	23n49	5n16	17s15	1s25	6s31	1s26	26n15	2n51	6n37	1s 6	15n36	1n17	13n21	0n47	16n32	1s43	17n52	14n39	13s52	14s 3	23s 0	1s37	4n48

Julian Day Number = 2529372.5, Delta T = 176.35 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'05, Lahiri = 26°50'06

ASTRODIENST EPHEMERIS for the year 2213
geocentric

MARCH 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 8	10♓ 2'56	7♊30	17♒50	18♓ 5	28♊57	19♈44	21°R14	26°R37	21♉48	18°R47	22°D53	22♒19	26♉47	14♓42	M 1
T 2	10 38 5	11° 3'16	21°25	19°17	19°20	29°14	19°57	21♌10	26♌34	21°49	18♍45	22♒53	22°16	26°53	14°46	T 2
W 3	10 42 1	12° 3'33	5♋38	20°44	20°35	29°32	20°10	21° 5	26°32	21°50	18°44	22°54	22°13	27° 0	14°50	W 3
T 4	10 45 58	13° 3'49	20° 6	22°13	21°50	29°51	20°23	21° 1	26°29	21°51	18°42	22°56	22° 9	27° 7	14°54	T 4
F 5	10 49 54	14° 4'02	4♌45	23°43	23° 5	0♋10	20°36	20°57	26°27	21°52	18°40	22°57	22° 6	27°13	14°58	F 5
S 6	10 53 51	15° 4'13	19°32	25°15	24°20	0°29	20°49	20°53	26°24	21°53	18°39	22°R58	22° 3	27°20	15° 2	S 6
S 7	10 57 47	16° 4'23	4♍20	26°47	25°35	0°49	21° 2	20°48	26°22	21°54	18°37	22°57	22° 0	27°27	15° 6	S 7
M 8	11 1 44	17° 4'30	19° 0	28°20	26°50	1° 9	21°15	20°44	26°20	21°55	18°36	22°56	21°57	27°33	15° 9	M 8
T 9	11 5 40	18° 4'36	3♎27	29°55	28° 5	1°30	21°28	20°40	26°17	21°56	18°34	22°53	21°53	27°40	15°13	T 9
W10	11 9 37	19° 4'40	17°35	1♓30	29°19	1°50	21°42	20°36	26°15	21°58	18°32	22°49	21°50	27°47	15°17	W10
T 11	11 13 34	20° 4'42	1♏19	3° 7	0♈34	2°12	21°55	20°32	26°12	21°59	18°31	22°45	21°47	27°53	15°21	T 11
F 12	11 17 30	21° 4'43	14°37	4°45	1°49	2°33	22° 8	20°28	26°10	22° 0	18°29	22°41	21°44	28° 0	15°25	F 12
S 13	11 21 27	22° 4'42	27°31	6°24	3° 4	2°55	22°22	20°25	26° 8	22° 1	18°28	22°38	21°41	28° 6	15°29	S 13
S 14	11 25 23	23° 4'39	10♐ 3	8° 4	4°18	3°17	22°35	20°21	26° 6	22° 3	18°26	22°35	21°38	28°13	15°33	S 14
M15	11 29 20	24° 4'35	22°17	9°45	5°33	3°39	22°49	20°17	26° 3	22° 4	18°24	22°D34	21°34	28°20	15°37	M15
T 16	11 33 16	25° 4'29	4♑17	11°27	6°48	4° 2	23° 3	20°14	26° 1	22° 5	18°23	22°35	21°31	28°26	15°41	T 16
W17	11 37 13	26° 4'22	16° 8	13°11	8° 2	4°25	23°16	20°10	25°59	22° 7	18°21	22°36	21°28	28°33	15°44	W17
T 18	11 41 9	27° 4'13	27°56	14°56	9°17	4°48	23°30	20° 7	25°57	22° 8	18°20	22°38	21°25	28°40	15°48	T 18
F 19	11 45 6	28° 4'02	9♒45	16°41	10°32	5°12	23°44	20° 3	25°55	22°10	18°18	22°40	21°22	28°46	15°52	F 19
S 20	11 49 3	29° 3'49	21°39	18°28	11°46	5°36	23°58	20° 0	25°53	22°11	18°17	22°R40	21°19	28°53	15°56	S 20
S 21	11 52 59	0♈ 3'35	3♓43	20°17	13° 1	6° 0	24°11	19°57	25°50	22°13	18°15	22°40	21°15	29° 0	16° 0	S 21
M22	11 56 56	1° 3'18	15°58	22° 6	14°15	6°24	24°25	19°54	25°48	22°14	18°14	22°37	21°12	29° 6	16° 3	M22
T 23	12 0 52	2° 3'00	28°27	23°57	15°30	6°49	24°39	19°51	25°46	22°16	18°12	22°33	21° 9	29°13	16° 7	T 23
W24	12 4 49	3° 2'40	11♈11	25°49	16°44	7°13	24°53	19°48	25°45	22°18	18°10	22°27	21° 6	29°20	16°11	W24
T 25	12 8 45	4° 2'18	24°10	27°42	17°59	7°39	25° 7	19°45	25°43	22°19	18° 9	22°20	21° 3	29°26	16°15	T 25
F 26	12 12 42	5° 1'53	7♉23	29°36	19°13	8° 4	25°21	19°42	25°41	22°21	18° 7	22°12	20°59	29°33	16°18	F 26
S 27	12 16 38	6° 1'27	20°48	1♈32	20°28	8°29	25°35	19°40	25°39	22°22	18° 6	22° 5	20°56	29°40	16°22	S 27
S 28	12 20 35	7° 0'58	4♊25	3°29	21°42	8°55	25°49	19°37	25°37	22°24	18° 4	22° 0	20°53	29°46	16°26	S 28
M29	12 24 32	8° 0'28	18°11	5°27	22°56	9°21	26° 3	19°35	25°35	22°26	18° 3	21°56	20°50	29°53	16°30	M29
T 30	12 28 28	8°59'54	2♋ 7	7°26	24°11	9°48	26°17	19°32	25°34	22°28	18° 2	21°54	20°47	29°59	16°33	T 30
W31	12 32 25	9♈59'19	16♋12	9♈26	25♈25	10♋14	26♈32	19♌30	25♌32	22♉29	18♍ 0	21°D54	20♒44	0♒ 6	16♓37	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	7s48	26n34	5n 6	16s55	1s31	6s 1	1s26	26n15	2n50	6n42	1s 6	15n37	1n17	13n22	0n47	16n33	1s43	17n53	14n39	13s52	14s 4	22s58	1s36	4n48
T 2	7 25	27 46	4 38	16 33	1 36	5 32	1 26	26 14	2 49	6 47	1 5	15 39	1 17	13 23	0 47	16 33	1 43	17 53	14 39	13 52	14 5	22 56	1 34	4 47
W 3	7 2	27 10	3 53	16 10	1 41	5 2	1 25	26 13	2 48	6 52	1 5	15 40	1 17	13 23	0 47	16 33	1 42	17 54	14 40	13 52	14 6	22 53	1 33	4 47
T 4	6 39	24 45	2 52	15 46	1 46	4 32	1 25	26 11	2 47	6 57	1 5	15 42	1 17	13 24	0 47	16 34	1 42	17 55	14 40	13 52	14 7	22 51	1 31	4 47
F 5	6 16	20 39	1 39	15 20	1 51	4 2	1 24	26 10	2 46	7 2	1 5	15 43	1 17	13 25	0 47	16 34	1 42	17 56	14 40	13 51	14 8	22 49	1 30	4 47
S 6	5 53	15 15	0 19	14 53	1 55	3 31	1 23	26 9	2 44	7 7	1 5	15 45	1 17	13 26	0 47	16 34	1 42	17 56	14 40	13 51	14 9	22 47	1 28	4 47
S 7	5 29	8 57	1s 2	14 25	1 58	3 1	1 23	26 8	2 43	7 12	1 5	15 46	1 17	13 27	0 47	16 35	1 42	17 57	14 40	13 51	14 10	22 45	1 27	4 47
M 8	5 6	2 13	2 19	13 56	2 1	2 31	1 22	26 7	2 42	7 17	1 5	15 47	1 17	13 28	0 47	16 35	1 42	17 58	14 40	13 52	14 11	22 43	1 26	4 47
T 9	4 43	4s30	3 25	13 26	2 4	2 0	1 21	26 6	2 41	7 22	1 4	15 49	1 17	13 28	0 47	16 35	1 42	17 58	14 40	13 52	14 12	22 41	1 24	4 47
W10	4 19	10 51	4 17	12 54	2 7	1 30	1 20	26 4	2 40	7 27	1 4	15 50	1 18	13 29	0 47	16 36	1 42	17 59	14 40	13 54	14 13	22 39	1 23	4 47
T 11	3 56	16 29	4 52	12 21	2 9	0 59	1 19	26 3	2 39	7 32	1 4	15 51	1 18	13 30	0 47	16 36	1 42	18 0	14 40	13 55	14 14	22 37	1 21	4 47
F 12	3 32	21 9	5 11	11 47	2 11	0 28	1 18	26 1	2 38	7 37	1 4	15 52	1 18	13 31	0 47	16 36	1 42	18 0	14 40	13 56	14 15	22 34	1 20	4 47
S 13	3 8	24 39	5 12	11 12	2 12	0n 2	1 17	26 0	2 37	7 42	1 4	15 54	1 18	13 32	0 47	16 37	1 42	18 1	14 40	13 57	14 16	22 32	1 18	4 47
S 14	2 45	26 52	4 59	10 35	2 13	0 33	1 16	25 58	2 36	7 48	1 4	15 55	1 18	13 32	0 47	16 37	1 42	18 2	14 40	13 58	14 17	22 30	1 17	4 47
M15	2 21	27 44	4 33	9 58	2 13	1 4	1 14	25 57	2 35	7 53	1 4	15 56	1 18	13 33	0 47	16 38	1 42	18 2	14 40	13 58	14 18	22 28	1 15	4 47
T 16	1 57	27 15	3 54	9 19	2 13	1 35	1 13	25 55	2 34	7 58	1 4	15 57	1 18	13 34	0 47	16 38	1 42	18 3	14 40	13 58	14 19	22 26	1 14	4 47
W17	1 34	25 32	3 7	8 39	2 13	2 5	1 12	25 53	2 33	8 3	1 3	15 58	1 18	13 35	0 47	16 38	1 42	18 4	14 40	13 58	14 20	22 24	1 12	4 47
T 18	1 10	22 42	2 11	7 57	2 12	2 36	1 10	25 51	2 32	8 8	1 3	15 59	1 18	13 35	0 47	16 39	1 42	18 4	14 40	13 57	14 21	22 22	1 11	4 47
F 19	0 46	18 55	1 10	7 15	2 10	3 6	1 9	25 50	2 31	8 13	1 3	16 0	1 18	13 36	0 47	16 39	1 42	18 5	14 40	13 57	14 22	22 19	1 9	4 47
S 20	0 22	14 22	0 6	6 31	2 8	3 37	1 7	25 48	2 30	8 18	1 3	16 2	1 18	13 37	0 47	16 40	1 42	18 6	14 40	13 57	14 23	22 17	1 8	4 47
S 21	0n 1	9 12	1n 0	5 47	2 6	4 7	1 6	25 45	2 29	8 24	1 3	16 3	1 18	13 37	0 46	16 40	1 42	18 6	14 40	13 57	14 24	22 15	1 7	4 47
M22	0 25	3 38	2 3	5 1	2 3	4 38	1 4	25 43	2 28	8 29	1 3	16 3	1 18	13 38	0 46	16 40	1 41	18 7	14 40	13 58	14 25	22 13	1 5	4 47
T 23	0 49	2n10	3 2	4 14	2 0	5 8	1 3	25 41	2 27	8 34	1 3	16 4	1 18	13 39	0 46	16 41	1 41	18 7	14 40	13 59	14 26	22 11	1 4	4 47
W24	1 13	8 0	3 53	3 26	1 56	5 38	1 1	25 39	2 26	8 39	1 3	16 5	1 18	13 39	0 46	16 41	1 41	18 8	14 40	14 1	14 27	22 8	1 2	4 47
T 25	1 36	13 35	4 33	2 37	1 52	6 8	0 59	25 36	2 25	8 44	1 3	16 6	1 18	13 40	0 46	16 42	1 41	18 8	14 40	14 3	14 28	22 6	1 1	4 47
F 26	2 0	18 39	4 59	1 47	1 47	6 38	0 57	25 34	2 24	8 49	1 3	16 7	1 18	13 40	0 46	16 42	1 41	18 9	14 40	14 6	14 29	22 4	0 59	4 47
S 27	2 23	22 53	5 9	0 57	1 41	7 8	0 55	25 31	2 23	8 55	1 3	16 8	1 17	13 41	0 46	16 43	1 41	18 9	14 40	14 8	14 30	22 2	0 58	4 47
S 28	2 47	25 56	5 2	0 5	1 36	7 37	0 53	25 29	2 22	9 0	1 2	16 9	1 17	13 42	0 46	16 43	1 41	18 10	14 40	14 10	14 31	22 0	0 56	4 47
M29	3 10	27 29	4 37	0n48	1 29	8 7	0 51	25 26	2 21	9 5	1 2	16 9	1 17	13 42	0 46	16 44	1 41	18 10	14 40	14 11	14 32	21 57	0 55	4 47
T 30	3 34	27 20	3 56	1 41	1 22	8 36	0 49	25 23	2 20	9 10	1 2	16 10	1 17	13 43	0 46	16 44	1 41	18 11	14 40	14 12	14 33	21 55	0 53	4 47
W31	3n57	25n25	3n 1	2n35	1s15	9n 5	0s47	25n20	2n19	9n15	1s 2	16n11	1n17	13n43	0n46	16n45	1s41	18n11	14n40	14s12	14s34	21s53	0s52	4n47

Julian Day Number = 2529400.5, Delta T = 176.43 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'09, Lahiri = 26°50'10

ASTRODIENST EPHEMERIS for the year 2213
geocentric

APRIL 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 21	10♈58'41	0♌23	11♈27	26♈39	10♋41	26♈46	19°R28	25°R30	22♉31	17°R59	21♒55	20♒40	0♒13	16♓41	T 1
F 2	12 40 18	11°58'01	14°40	13°28	27°53	11° 8	27° 0	19♌26	25♌29	22°33	17♍57	21°R56	20°37	0°20	16°44	F 2
S 3	12 44 14	12°57'19	29° 0	15°31	29° 7	11°35	27°14	19°24	25°27	22°35	17°56	21°56	20°34	0°26	16°48	S 3
S 4	12 48 11	13°56'34	13♍21	17°34	0♉22	12° 2	27°29	19°22	25°26	22°37	17°54	21°54	20°31	0°33	16°51	S 4
M 5	12 52 7	14°55'47	27°37	19°37	1°36	12°29	27°43	19°21	25°24	22°38	17°53	21°50	20°28	0°40	16°55	M 5
T 6	12 56 4	15°54'58	11♎44	21°41	2°50	12°57	27°57	19°19	25°23	22°40	17°52	21°43	20°25	0°46	16°58	T 6
W 7	13 0 1	16°54'06	25°38	23°45	4° 4	13°25	28°11	19°17	25°22	22°42	17°50	21°35	20°21	0°53	17° 2	W 7
T 8	13 3 57	17°53'13	9♏14	25°48	5°18	13°53	28°26	19°16	25°20	22°44	17°49	21°25	20°18	0°59	17° 5	T 8
F 9	13 7 54	18°52'18	22°28	27°50	6°32	14°21	28°40	19°15	25°19	22°46	17°48	21°15	20°15	1° 6	17° 9	F 9
S 10	13 11 50	19°51'21	5♐22	29°52	7°46	14°49	28°54	19°13	25°18	22°48	17°46	21° 6	20°12	1°13	17°12	S 10
S 11	13 15 47	20°50'23	17°55	1♉52	9° 0	15°18	29° 9	19°12	25°17	22°50	17°45	21° 0	20° 9	1°19	17°16	S 11
M12	13 19 43	21°49'23	0♑10	3°50	10°14	15°46	29°23	19°11	25°16	22°52	17°44	20°55	20° 5	1°26	17°19	M12
T 13	13 23 40	22°48'20	12°12	5°47	11°28	16°15	29°38	19°10	25°15	22°54	17°43	20°52	20° 2	1°33	17°22	T 13
W14	13 27 36	23°47'17	24° 4	7°41	12°41	16°44	29°52	19°10	25°14	22°56	17°41	20°D52	19°59	1°39	17°26	W14
T 15	13 31 33	24°46'11	5♒52	9°32	13°55	17°13	0♉ 6	19° 9	25°13	22°58	17°40	20°52	19°56	1°46	17°29	T 15
F 16	13 35 30	25°45'03	17°42	11°20	15° 9	17°42	0°21	19° 8	25°12	23° 0	17°39	20°R53	19°53	1°53	17°32	F 16
S 17	13 39 26	26°43'54	29°39	13° 5	16°23	18°12	0°35	19° 8	25°11	23° 2	17°38	20°52	19°50	1°59	17°35	S 17
S 18	13 43 23	27°42'43	11♓48	14°46	17°36	18°41	0°50	19° 8	25°10	23° 4	17°37	20°50	19°46	2° 6	17°39	S 18
M19	13 47 19	28°41'31	24°12	16°23	18°50	19°11	1° 4	19° 7	25° 9	23° 6	17°35	20°46	19°43	2°13	17°42	M19
T 20	13 51 16	29°40'16	6♈54	17°56	20° 4	19°41	1°19	19° 7	25° 9	23° 8	17°34	20°38	19°40	2°19	17°45	T 20
W21	13 55 12	0♉39'00	19°55	19°24	21°17	20°11	1°33	19°D 7	25° 8	23°10	17°33	20°29	19°37	2°26	17°48	W21
T 22	13 59 9	1°37'41	3♉16	20°47	22°31	20°41	1°47	19° 7	25° 7	23°13	17°32	20°18	19°34	2°33	17°51	T 22
F 23	14 3 5	2°36'21	16°54	22° 6	23°45	21°11	2° 2	19° 7	25° 7	23°15	17°31	20° 6	19°30	2°39	17°54	F 23
S 24	14 7 2	3°34'59	0♊45	23°20	24°58	21°41	2°16	19° 8	25° 6	23°17	17°30	19°55	19°27	2°46	17°57	S 24
S 25	14 10 58	4°33'35	14°46	24°29	26°12	22°12	2°31	19° 8	25° 6	23°19	17°29	19°46	19°24	2°53	18° 0	S 25
M26	14 14 55	5°32'09	28°53	25°32	27°25	22°42	2°45	19° 9	25° 5	23°21	17°28	19°39	19°21	2°59	18° 3	M26
T 27	14 18 52	6°30'41	13♋ 2	26°30	28°38	23°13	3° 0	19° 9	25° 5	23°23	17°27	19°35	19°18	3° 6	18° 6	T 27
W28	14 22 48	7°29'10	27°11	27°23	29°52	23°44	3°14	19°10	25° 5	23°25	17°26	19°33	19°15	3°13	18° 8	W28
T 29	14 26 45	8°27'38	11♌18	28°11	1♊ 5	24°15	3°28	19°11	25° 5	23°28	17°26	19°33	19°11	3°19	18°11	T 29
F 30	14 30 41	9♉26'03	25♌23	28♉53	2♊18	24♋46	3♉43	19♌12	25♌ 4	23♉30	17♍25	19♒33	19♒ 8	3♒26	18♓14	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	4n20	21n54	1n54	3n30	1s 7	9n34	0s45	25n17	2n18	9n21	1s 2	16n11	1n17	13n44	0n46	16n45	1s41	18n12	14n40	14s11	14s35	21s51	0s50	4n47
F 2	4 44	17 2	0 39	4 25	0 58	10 2	0 43	25 14	2 17	9 26	1 2	16 12	1 17	13 44	0 46	16 46	1 41	18 12	14 39	14 11	14 36	21 48	0 49	4 47
S 3	5 7	11 13	0s38	5 21	0 49	10 31	0 41	25 11	2 16	9 31	1 2	16 13	1 17	13 45	0 46	16 46	1 41	18 13	14 39	14 11	14 37	21 46	0 48	4 47
S 4	5 30	4 48	1 53	6 16	0 40	10 59	0 39	25 7	2 16	9 36	1 2	16 13	1 17	13 45	0 46	16 47	1 41	18 13	14 39	14 12	14 38	21 44	0 46	4 47
M 5	5 53	1s48	3 0	7 12	0 30	11 27	0 36	25 4	2 15	9 41	1 2	16 14	1 17	13 46	0 46	16 47	1 41	18 14	14 39	14 13	14 39	21 42	0 45	4 47
T 6	6 15	8 14	3 55	8 8	0 20	11 54	0 34	25 0	2 14	9 46	1 2	16 14	1 17	13 46	0 46	16 48	1 41	18 14	14 39	14 15	14 40	21 39	0 43	4 48
W 7	6 38	14 10	4 35	9 4	0 9	12 22	0 32	24 56	2 13	9 52	1 2	16 15	1 17	13 47	0 46	16 48	1 41	18 14	14 39	14 18	14 41	21 37	0 42	4 48
T 8	7 1	19 16	4 58	9 59	0n 2	12 49	0 29	24 53	2 12	9 57	1 2	16 15	1 17	13 47	0 46	16 49	1 41	18 15	14 39	14 21	14 42	21 35	0 40	4 48
F 9	7 23	23 17	5 5	10 54	0 13	13 15	0 27	24 49	2 11	10 2	1 2	16 15	1 17	13 47	0 46	16 49	1 41	18 15	14 38	14 24	14 43	21 33	0 39	4 48
S 10	7 45	26 1	4 56	11 47	0 24	13 42	0 25	24 45	2 10	10 7	1 1	16 16	1 17	13 48	0 46	16 50	1 41	18 16	14 38	14 27	14 44	21 30	0 38	4 48
S 11	8 8	27 23	4 33	12 40	0 35	14 8	0 22	24 41	2 9	10 12	1 1	16 16	1 17	13 48	0 46	16 50	1 41	18 16	14 38	14 29	14 45	21 28	0 36	4 48
M12	8 30	27 22	3 57	13 31	0 47	14 33	0 20	24 37	2 8	10 17	1 1	16 16	1 17	13 48	0 46	16 51	1 41	18 16	14 38	14 31	14 46	21 26	0 35	4 48
T 13	8 52	26 2	3 12	14 21	0 58	14 59	0 17	24 32	2 8	10 22	1 1	16 17	1 17	13 49	0 46	16 51	1 41	18 17	14 38	14 31	14 47	21 23	0 34	4 48
W14	9 13	23 33	2 18	15 9	1 9	15 24	0 15	24 28	2 7	10 27	1 1	16 17	1 17	13 49	0 46	16 52	1 41	18 17	14 37	14 32	14 48	21 21	0 32	4 48
T 15	9 35	20 4	1 19	15 55	1 20	15 48	0 12	24 23	2 6	10 33	1 1	16 17	1 17	13 49	0 46	16 52	1 41	18 17	14 37	14 31	14 49	21 19	0 31	4 48
F 16	9 56	15 47	0 17	16 39	1 31	16 13	0 10	24 19	2 5	10 38	1 1	16 17	1 17	13 50	0 46	16 53	1 41	18 17	14 37	14 31	14 50	21 16	0 29	4 48
S 17	10 18	10 51	0n47	17 21	1 41	16 36	0 7	24 14	2 4	10 43	1 1	16 17	1 17	13 50	0 46	16 53	1 40	18 18	14 37	14 31	14 51	21 14	0 28	4 49
S 18	10 39	5 27	1 49	18 1	1 51	17 0	0 4	24 9	2 3	10 48	1 1	16 17	1 17	13 50	0 46	16 54	1 40	18 18	14 37	14 32	14 52	21 12	0 27	4 49
M19	11 0	0n16	2 48	18 38	2 0	17 23	0 2	24 4	2 2	10 53	1 1	16 17	1 17	13 50	0 46	16 54	1 40	18 18	14 36	14 33	14 53	21 9	0 25	4 49
T 20	11 21	6 5	3 39	19 13	2 9	17 45	0n 1	23 59	2 2	10 58	1 1	16 17	1 17	13 51	0 46	16 55	1 40	18 18	14 36	14 36	14 54	21 7	0 24	4 49
W21	11 41	11 48	4 20	19 45	2 16	18 7	0 3	23 53	2 1	11 3	1 1	16 17	1 17	13 51	0 46	16 56	1 40	18 19	14 36	14 39	14 55	21 5	0 23	4 49
T 22	12 2	17 6	4 49	20 14	2 23	18 29	0 6	23 48	2 0	11 8	1 1	16 17	1 17	13 51	0 46	16 56	1 40	18 19	14 36	14 42	14 56	21 2	0 21	4 49
F 23	12 22	21 40	5 1	20 41	2 30	18 50	0 9	23 43	1 59	11 13	1 1	16 17	1 16	13 51	0 45	16 57	1 40	18 19	14 35	14 46	14 57	21 0	0 20	4 49
S 24	12 42	25 7	4 56	21 5	2 35	19 10	0 11	23 37	1 58	11 18	1 1	16 17	1 16	13 51	0 45	16 57	1 40	18 19	14 35	14 50	14 58	20 58	0 19	4 49
S 25	13 2	27 5	4 34	21 27	2 40	19 30	0 14	23 31	1 58	11 23	1 1	16 17	1 16	13 51	0 45	16 58	1 40	18 19	14 35	14 52	14 59	20 55	0 18	4 50
M26	13 21	27 19	3 54	21 46	2 43	19 50	0 17	23 25	1 57	11 28	1 1	16 16	1 16	13 51	0 45	16 58	1 40	18 19	14 34	14 55	15 0	20 53	0 16	4 50
T 27	13 41	25 46	3 1	22 2	2 46	20 9	0 19	23 19	1 56	11 33	1 1	16 16	1 16	13 52	0 45	16 59	1 40	18 19	14 34	14 56	15 1	20 51	0 15	4 50
W28	14 0	22 35	1 56	22 16	2 47	20 28	0 22	23 13	1 55	11 38	1 1	16 16	1 16	13 52	0 45	16 59	1 40	18 20	14 34	14 56	15 2	20 48	0 14	4 50
T 29	14 19	18 4	0 44	22 27	2 48	20 46	0 25	23 7	1 54	11 43	1 1	16 16	1 16	13 52	0 45	17 0	1 40	18 20	14 34	14 57	15 3	20 46	0 13	4 50
F 30	14n37	12n34	0s31	22n36	2n47	21n 3	0n27	23n 1	1n54	11n47	1s 1	16n15	1n16	13n52	0n45	17n 1	1s40	18n20	14n33	14s57	15s 4	20s44	0s11	4n50

Julian Day Number = 2529431.5, Delta T = 176.52 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'14, Lahiri = 26°50'14

ASTRODIENST EPHEMERIS for the year 2213
geocentric

MAY 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 38	10♉24'25	9♍24	29♉29	3♊32	25♋17	3♉57	19♌13	25°R 4	23♉32	17°R24	19°R32	19♒ 5	3♒32	18♓17	S 1
S 2	14 38 34	11°22'46	23°20	29°59	4°45	25°48	4°12	19°14	25♌ 4	23°34	17♍23	19♒28	19° 2	3°39	18°19	S 2
M 3	14 42 31	12°21'05	7♎10	0♊24	5°58	26°20	4°26	19°15	25°D 4	23°36	17°22	19°22	18°59	3°46	18°22	M 3
T 4	14 46 27	13°19'22	20°52	0°44	7°11	26°51	4°40	19°17	25° 4	23°39	17°21	19°13	18°56	3°52	18°25	T 4
W 5	14 50 24	14°17'37	4♏23	0°58	8°24	27°23	4°55	19°18	25° 4	23°41	17°21	19° 2	18°52	3°59	18°27	W 5
T 6	14 54 21	15°15'50	17°40	1° 6	9°37	27°54	5° 9	19°20	25° 4	23°43	17°20	18°50	18°49	4° 6	18°30	T 6
F 7	14 58 17	16°14'01	0♐40	1°R 9	10°50	28°26	5°23	19°21	25° 5	23°45	17°19	18°37	18°46	4°12	18°32	F 7
S 8	15 2 14	17°12'11	13°24	1° 7	12° 3	28°58	5°38	19°23	25° 5	23°48	17°19	18°25	18°43	4°19	18°35	S 8
S 9	15 6 10	18°10'20	25°52	0°59	13°16	29°30	5°52	19°25	25° 5	23°50	17°18	18°15	18°40	4°26	18°37	S 9
M10	15 10 7	19° 8'27	8♑ 4	0°47	14°29	0♌ 2	6° 6	19°27	25° 6	23°52	17°18	18° 8	18°36	4°32	18°39	M10
T 11	15 14 3	20° 6'32	20° 4	0°30	15°42	0°34	6°20	19°29	25° 6	23°54	17°17	18° 3	18°33	4°39	18°42	T 11
W12	15 18 0	21° 4'36	1♒55	0°10	16°55	1° 6	6°34	19°31	25° 6	23°57	17°17	18° 1	18°30	4°46	18°44	W12
T 13	15 21 57	22° 2'38	13°44	29♉45	18° 8	1°39	6°49	19°34	25° 7	23°59	17°16	18° 0	18°27	4°52	18°46	T 13
F 14	15 25 53	23° 0'39	25°34	29°17	19°20	2°11	7° 3	19°36	25° 8	24° 1	17°16	18° 0	18°24	4°59	18°48	F 14
S 15	15 29 50	23°58'39	7♓32	28°47	20°33	2°44	7°17	19°39	25° 8	24° 3	17°15	18° 0	18°21	5° 6	18°50	S 15
S 16	15 33 46	24°56'38	19°42	28°14	21°46	3°16	7°31	19°41	25° 9	24° 6	17°15	17°58	18°17	5°12	18°52	S 16
M17	15 37 43	25°54'35	2♈10	27°40	22°58	3°49	7°45	19°44	25°10	24° 8	17°14	17°54	18°14	5°19	18°54	M17
T 18	15 41 39	26°52'31	14°59	27° 4	24°11	4°21	7°59	19°47	25°10	24°10	17°14	17°47	18°11	5°26	18°56	T 18
W19	15 45 36	27°50'25	28°12	26°29	25°23	4°54	8°13	19°50	25°11	24°12	17°14	17°38	18° 8	5°32	18°58	W19
T 20	15 49 32	28°48'18	11♉48	25°53	26°36	5°27	8°27	19°53	25°12	24°15	17°13	17°27	18° 5	5°39	19° 0	T 20
F 21	15 53 29	29°46'10	25°46	25°19	27°48	6° 0	8°41	19°56	25°13	24°17	17°13	17°15	18° 2	5°45	19° 2	F 21
S 22	15 57 26	0♊44'01	10♊ 2	24°46	29° 1	6°33	8°55	19°59	25°14	24°19	17°13	17° 4	17°58	5°52	19° 4	S 22
S 23	16 1 22	1°41'50	24°29	24°15	0♋13	7° 6	9° 9	20° 2	25°15	24°21	17°13	16°55	17°55	5°59	19° 5	S 23
M24	16 5 19	2°39'38	9♋ 1	23°46	1°25	7°40	9°22	20° 5	25°16	24°24	17°13	16°48	17°52	6° 5	19° 7	M24
T 25	16 9 15	3°37'24	23°31	23°21	2°38	8°13	9°36	20° 9	25°17	24°26	17°12	16°44	17°49	6°12	19° 8	T 25
W26	16 13 12	4°35'09	7♌56	22°59	3°50	8°46	9°50	20°12	25°19	24°28	17°12	16°42	17°46	6°19	19°10	W26
T 27	16 17 8	5°32'52	22°12	22°40	5° 2	9°20	10° 4	20°16	25°20	24°30	17°12	16°D42	17°42	6°25	19°12	T 27
F 28	16 21 5	6°30'33	6♍17	22°26	6°14	9°53	10°17	20°20	25°21	24°33	17°12	16°R42	17°39	6°32	19°13	F 28
S 29	16 25 1	7°28'12	20°10	22°15	7°26	10°27	10°31	20°24	25°23	24°35	17°D12	16°41	17°36	6°39	19°14	S 29
S 30	16 28 58	8°25'50	3♎52	22° 9	8°38	11° 1	10°44	20°28	25°24	24°37	17°12	16°39	17°33	6°45	19°16	S 30
M31	16 32 55	9♊23'27	17♎22	22°D 7	9♋50	11♌34	10♉58	20♌32	25♌25	24♉39	17♍12	16♒34	17♒30	6♒52	19♓17	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	14n56	6n27	1s43	22n42	2n45	21n20	0n30	22n54	1n53	11n52	1s 1	16n15	1n16	13n52	0n45	17n 1	1s40	18n20	14n33	14s57	15s 5	20s41	0s10	4n50
S 2	15 14	0 4	2 49	22 46	2 42	21 36	0 33	22 48	1 52	11 57	1 1	16 14	1 16	13 52	0 45	17 2	1 40	18 20	14 33	14 58	15 6	20 39	0 9	4 51
M 3	15 32	6s16	3 43	22 47	2 38	21 52	0 35	22 41	1 51	12 2	1 1	16 14	1 16	13 52	0 45	17 2	1 40	18 20	14 32	15 0	15 7	20 36	0 8	4 51
T 4	15 49	12 14	4 25	22 46	2 32	22 7	0 38	22 34	1 50	12 7	1 1	16 14	1 16	13 52	0 45	17 3	1 40	18 20	14 32	15 2	15 8	20 34	0 7	4 51
W 5	16 7	17 31	4 51	22 42	2 25	22 21	0 41	22 27	1 50	12 12	1 1	16 13	1 16	13 51	0 45	17 3	1 40	18 20	14 32	15 6	15 9	20 32	0 6	4 51
T 6	16 24	21 53	5 0	22 36	2 17	22 35	0 43	22 20	1 49	12 16	1 1	16 12	1 16	13 51	0 45	17 4	1 40	18 20	14 31	15 10	15 10	20 29	0 5	4 51
F 7	16 41	25 3	4 54	22 28	2 8	22 48	0 46	22 13	1 48	12 21	1 1	16 12	1 16	13 51	0 45	17 5	1 40	18 20	14 31	15 14	15 11	20 27	0 3	4 51
S 8	16 57	26 54	4 33	22 17	1 58	23 1	0 48	22 6	1 47	12 26	1 1	16 11	1 16	13 51	0 45	17 5	1 40	18 20	14 31	15 17	15 12	20 24	0 2	4 52
S 9	17 13	27 20	3 59	22 4	1 46	23 13	0 51	21 58	1 47	12 31	1 1	16 11	1 16	13 51	0 45	17 6	1 40	18 20	14 30	15 20	15 13	20 22	0 1	4 52
M10	17 29	26 24	3 15	21 49	1 34	23 24	0 53	21 51	1 46	12 35	1 1	16 10	1 16	13 51	0 45	17 6	1 40	18 20	14 30	15 23	15 14	20 19	0 0	4 52
T 11	17 45	24 16	2 22	21 32	1 20	23 34	0 56	21 43	1 45	12 40	1 1	16 9	1 15	13 51	0 45	17 7	1 40	18 19	14 30	15 24	15 15	20 17	0n 1	4 52
W12	18 0	21 5	1 24	21 14	1 6	23 44	0 58	21 35	1 44	12 45	1 1	16 8	1 15	13 51	0 45	17 7	1 40	18 19	14 29	15 25	15 16	20 15	0 2	4 52
T 13	18 16	17 3	0 23	20 54	0 50	23 54	1 1	21 27	1 44	12 49	1 1	16 8	1 15	13 50	0 45	17 8	1 40	18 19	14 29	15 25	15 17	20 12	0 3	4 53
F 14	18 30	12 21	0n40	20 32	0 34	24 2	1 3	21 19	1 43	12 54	1 1	16 7	1 15	13 50	0 45	17 8	1 40	18 19	14 29	15 25	15 18	20 10	0 4	4 53
S 15	18 45	7 10	1 42	20 9	0 17	24 10	1 6	21 11	1 42	12 58	1 1	16 6	1 15	13 50	0 45	17 9	1 40	18 19	14 28	15 25	15 19	20 7	0 5	4 53
S 16	18 59	1 38	2 40	19 45	0 0	24 17	1 8	21 3	1 41	13 3	1 1	16 5	1 15	13 50	0 45	17 10	1 40	18 19	14 28	15 26	15 20	20 5	0 6	4 53
M17	19 13	4n 5	3 31	19 20	0s17	24 24	1 10	20 54	1 41	13 7	1 1	16 4	1 15	13 49	0 45	17 10	1 40	18 19	14 28	15 27	15 21	20 2	0 7	4 53
T 18	19 26	9 48	4 14	18 55	0 35	24 30	1 13	20 46	1 40	13 12	1 1	16 3	1 15	13 49	0 45	17 11	1 40	18 18	14 27	15 29	15 22	20 0	0 8	4 54
W19	19 39	15 15	4 44	18 30	0 53	24 35	1 15	20 37	1 39	13 16	1 1	16 2	1 15	13 49	0 45	17 11	1 40	18 18	14 27	15 32	15 23	19 57	0 9	4 54
T 20	19 52	20 6	5 0	18 5	1 10	24 39	1 17	20 29	1 38	13 21	1 1	16 1	1 15	13 48	0 44	17 12	1 40	18 18	14 27	15 35	15 24	19 55	0 10	4 54
F 21	20 5	24 0	4 58	17 40	1 27	24 43	1 19	20 20	1 38	13 25	1 1	16 0	1 15	13 48	0 44	17 12	1 40	18 18	14 26	15 39	15 25	19 52	0 11	4 54
S 22	20 17	26 30	4 38	17 16	1 43	24 46	1 21	20 11	1 37	13 30	1 1	15 59	1 15	13 48	0 44	17 13	1 40	18 17	14 26	15 42	15 26	19 50	0 11	4 54
S 23	20 29	27 17	4 0	16 53	1 59	24 48	1 23	20 2	1 36	13 34	1 1	15 58	1 15	13 47	0 44	17 13	1 40	18 17	14 25	15 45	15 27	19 47	0 12	4 55
M24	20 40	26 12	3 6	16 32	2 14	24 50	1 25	19 52	1 36	13 38	1 1	15 57	1 15	13 47	0 44	17 14	1 40	18 17	14 25	15 47	15 28	19 45	0 13	4 55
T 25	20 51	23 20	2 0	16 12	2 28	24 51	1 27	19 43	1 35	13 43	1 1	15 56	1 15	13 46	0 44	17 14	1 40	18 17	14 25	15 48	15 29	19 42	0 14	4 55
W26	21 2	19 1	0 46	15 53	2 42	24 51	1 29	19 34	1 34	13 47	1 1	15 55	1 15	13 46	0 44	17 15	1 40	18 16	14 24	15 49	15 30	19 40	0 15	4 55
T 27	21 12	13 38	0s29	15 37	2 54	24 50	1 31	19 24	1 33	13 51	1 1	15 54	1 15	13 45	0 44	17 15	1 40	18 16	14 24	15 49	15 31	19 37	0 16	4 55
F 28	21 22	7 37	1 42	15 23	3 5	24 49	1 33	19 14	1 33	13 56	1 1	15 52	1 15	13 45	0 44	17 16	1 40	18 16	14 24	15 49	15 32	19 35	0 16	4 56
S 29	21 32	1 19	2 48	15 10	3 15	24 47	1 35	19 5	1 32	14 0	1 1	15 51	1 15	13 44	0 44	17 17	1 40	18 15	14 23	15 49	15 32	19 32	0 17	4 56
S 30	21 41	4s57	3 43	15 0	3 24	24 44	1 36	18 55	1 31	14 4	1 1	15 50	1 15	13 44	0 44	17 17	1 40	18 15	14 23	15 50	15 33	19 30	0 18	4 56
M31	21n50	10s54	4s25	14n52	3s31	24n41	1n38	18n45	1n31	14n 8	1s 1	15n49	1n14	13n43	0n44	17n18	1s40	18n15	14n22	15s51	15s34	19s27	0n18	4n56

Julian Day Number = 2529461.5, Delta T = 176.61 sec
Ecliptic obliquity = 23°24'49, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'18, Lahiri = 26°50'18

ASTRODIENST EPHEMERIS for the year 2213
geocentric

JUNE 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 51	10♊21'02	0♏41	22♉10	11♋ 2	12♌ 8	11♉11	20♌36	25♌27	24♉41	17♍12	16°R27	17♒27	6♒59	19♓18	T 1
W 2	16 40 48	11°18'36	13°48	22°17	12°14	12°42	11°25	20°40	25°28	24°44	17°12	16♒17	17°23	7° 5	19°19	W 2
T 3	16 44 44	12°16'09	26°43	22°29	13°26	13°16	11°38	20°44	25°30	24°46	17°13	16° 6	17°20	7°12	19°21	T 3
F 4	16 48 41	13°13'40	9♐25	22°45	14°38	13°50	11°51	20°48	25°32	24°48	17°13	15°55	17°17	7°19	19°22	F 4
S 5	16 52 37	14°11'11	21°54	23° 6	15°49	14°24	12° 5	20°53	25°33	24°50	17°13	15°45	17°14	7°25	19°23	S 5
S 6	16 56 34	15° 8'40	4♑10	23°31	17° 1	14°58	12°18	20°57	25°35	24°52	17°13	15°36	17°11	7°32	19°24	S 6
M 7	17 0 30	16° 6'09	16°15	24° 0	18°13	15°32	12°31	21° 2	25°37	24°54	17°14	15°30	17° 8	7°38	19°25	M 7
T 8	17 4 27	17° 3'37	28°11	24°33	19°24	16° 6	12°44	21° 6	25°39	24°57	17°14	15°26	17° 4	7°45	19°25	T 8
W 9	17 8 24	18° 1'03	10♒ 1	25°11	20°36	16°41	12°57	21°11	25°41	24°59	17°14	15°D25	17° 1	7°52	19°26	W 9
T 10	17 12 20	18°58'30	21°48	25°52	21°47	17°15	13°10	21°16	25°43	25° 1	17°15	15°25	16°58	7°58	19°27	T 10
F 11	17 16 17	19°55'55	3♓38	26°37	22°58	17°49	13°23	21°21	25°45	25° 3	17°15	15°26	16°55	8° 5	19°28	F 11
S 12	17 20 13	20°53'20	15°35	27°27	24°10	18°24	13°36	21°26	25°47	25° 5	17°15	15°R26	16°52	8°12	19°28	S 12
S 13	17 24 10	21°50'44	27°45	28°20	25°21	18°58	13°49	21°31	25°49	25° 7	17°16	15°26	16°48	8°18	19°29	S 13
M14	17 28 6	22°48'07	10♈13	29°16	26°32	19°33	14° 2	21°36	25°51	25° 9	17°16	15°25	16°45	8°25	19°29	M14
T 15	17 32 3	23°45'30	23° 2	0♊16	27°43	20° 8	14°14	21°41	25°53	25°11	17°17	15°21	16°42	8°32	19°30	T 15
W16	17 35 59	24°42'53	6♉18	1°20	28°54	20°42	14°27	21°46	25°55	25°13	17°17	15°16	16°39	8°38	19°30	W16
T 17	17 39 56	25°40'15	20° 0	2°27	0♌ 5	21°17	14°39	21°52	25°57	25°15	17°18	15° 9	16°36	8°45	19°31	T 17
F 18	17 43 53	26°37'37	4♊ 8	3°37	1°16	21°52	14°52	21°57	26° 0	25°17	17°19	15° 1	16°33	8°52	19°31	F 18
S 19	17 47 49	27°34'58	18°38	4°51	2°27	22°27	15° 4	22° 2	26° 2	25°19	17°19	14°54	16°29	8°58	19°31	S 19
S 20	17 51 46	28°32'19	3♋24	6° 8	3°38	23° 2	15°17	22° 8	26° 4	25°21	17°20	14°48	16°26	9° 5	19°31	S 20
M21	17 55 42	29°29'39	18°18	7°28	4°49	23°37	15°29	22°13	26° 7	25°23	17°21	14°43	16°23	9°12	19°31	M21
T 22	17 59 39	0♋26'58	3♌12	8°52	6° 0	24°12	15°41	22°19	26° 9	25°25	17°21	14°41	16°20	9°18	19°31	T 22
W23	18 3 35	1°24'17	17°57	10°19	7°10	24°47	15°53	22°25	26°12	25°27	17°22	14°D41	16°17	9°25	19°R31	W23
T 24	18 7 32	2°21'35	2♍30	11°48	8°21	25°22	16° 5	22°31	26°14	25°29	17°23	14°41	16°14	9°31	19°31	T 24
F 25	18 11 29	3°18'52	16°45	13°21	9°31	25°57	16°17	22°36	26°17	25°31	17°24	14°43	16°10	9°38	19°31	F 25
S 26	18 15 25	4°16'08	0♎42	14°57	10°42	26°32	16°29	22°42	26°19	25°32	17°25	14°R44	16° 7	9°45	19°31	S 26
S 27	18 19 22	5°13'23	14°20	16°36	11°52	27° 8	16°41	22°48	26°22	25°34	17°25	14°43	16° 4	9°51	19°31	S 27
M28	18 23 18	6°10'38	27°41	18°18	13° 2	27°43	16°52	22°54	26°25	25°36	17°26	14°41	16° 1	9°58	19°31	M28
T 29	18 27 15	7° 7'52	10♏45	20° 3	14°12	28°19	17° 4	23° 0	26°27	25°38	17°27	14°38	15°58	10° 5	19°30	T 29
W30	18 31 11	8♋ 5'06	23♏35	21♊51	15♌22	28♌54	17♉15	23♌ 7	26♌30	25♉40	17♍28	14♒33	15♒54	10♒11	19♓30	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	16s15	4s52	14n47	3s38	24n36	1n40	18n35	1n30	14n12	1s 1	15n47	1n14	13n43	0n44	17n18	1s40	18n14	14n22	15s53	15s35	19s25	0n19	4n57
W 2	22 7	20 47	5 3	14 43	3 43	24 32	1 41	18 24	1 29	14 16	1 1	15 46	1 14	13 42	0 44	17 19	1 40	18 14	14 22	15 56	15 36	19 22	0 20	4 57
T 3	22 14	24 14	4 58	14 42	3 48	24 26	1 42	18 14	1 29	14 20	1 1	15 44	1 14	13 42	0 44	17 19	1 40	18 13	14 21	16 0	15 37	19 20	0 20	4 57
F 4	22 22	26 25	4 38	14 43	3 51	24 20	1 44	18 4	1 28	14 24	1 1	15 43	1 14	13 41	0 44	17 20	1 40	18 13	14 21	16 3	15 38	19 17	0 21	4 57
S 5	22 29	27 15	4 6	14 46	3 53	24 13	1 45	17 53	1 27	14 28	1 1	15 42	1 14	13 41	0 44	17 20	1 40	18 13	14 21	16 6	15 39	19 15	0 22	4 57
S 6	22 35	26 43	3 22	14 51	3 54	24 5	1 46	17 42	1 27	14 32	1 1	15 40	1 14	13 40	0 44	17 21	1 40	18 12	14 20	16 8	15 40	19 12	0 22	4 58
M 7	22 41	24 54	2 30	14 58	3 55	23 57	1 48	17 32	1 26	14 36	1 1	15 39	1 14	13 39	0 44	17 21	1 40	18 12	14 20	16 10	15 41	19 10	0 23	4 58
T 8	22 47	21 59	1 31	15 6	3 54	23 48	1 49	17 21	1 25	14 40	1 1	15 37	1 14	13 39	0 44	17 22	1 40	18 11	14 19	16 11	15 42	19 7	0 23	4 58
W 9	22 52	18 11	0 29	15 17	3 52	23 39	1 50	17 10	1 25	14 44	1 1	15 36	1 14	13 38	0 44	17 22	1 40	18 11	14 19	16 12	15 43	19 5	0 24	4 58
T 10	22 57	13 41	0n34	15 29	3 50	23 28	1 51	16 59	1 24	14 48	1 1	15 34	1 14	13 37	0 44	17 23	1 40	18 10	14 19	16 12	15 44	19 2	0 24	4 59
F 11	23 2	8 40	1 36	15 42	3 46	23 17	1 51	16 48	1 23	14 52	1 1	15 32	1 14	13 37	0 44	17 23	1 40	18 10	14 18	16 12	15 45	18 59	0 25	4 59
S 12	23 6	3 18	2 35	15 57	3 42	23 6	1 52	16 36	1 23	14 56	1 1	15 31	1 14	13 36	0 44	17 24	1 40	18 9	14 18	16 11	15 46	18 57	0 25	4 59
S 13	23 10	2n17	3 28	16 14	3 38	22 54	1 53	16 25	1 22	14 59	1 1	15 29	1 14	13 35	0 44	17 24	1 40	18 9	14 17	16 11	15 47	18 54	0 26	4 59
M14	23 13	7 54	4 12	16 31	3 32	22 41	1 54	16 13	1 21	15 3	1 1	15 27	1 14	13 34	0 44	17 24	1 40	18 8	14 17	16 12	15 48	18 52	0 26	4 59
T 15	23 16	13 21	4 45	16 50	3 26	22 28	1 54	16 2	1 21	15 7	1 2	15 26	1 14	13 34	0 44	17 25	1 40	18 8	14 17	16 13	15 49	18 49	0 27	5 0
W16	23 18	18 23	5 4	17 9	3 19	22 14	1 55	15 50	1 20	15 10	1 2	15 24	1 14	13 33	0 44	17 25	1 40	18 7	14 16	16 14	15 50	18 47	0 27	5 0
T 17	23 21	22 38	5 6	17 30	3 12	21 59	1 55	15 38	1 19	15 14	1 2	15 22	1 14	13 32	0 44	17 26	1 40	18 6	14 16	16 17	15 51	18 44	0 27	5 0
F 18	23 22	25 43	4 51	17 51	3 4	21 44	1 55	15 27	1 19	15 18	1 2	15 20	1 14	13 31	0 43	17 26	1 40	18 6	14 16	16 19	15 52	18 41	0 28	5 0
S 19	23 23	27 11	4 16	18 13	2 55	21 28	1 56	15 15	1 18	15 21	1 2	15 19	1 14	13 31	0 43	17 27	1 40	18 5	14 15	16 21	15 53	18 39	0 28	5 1
S 20	23 24	26 46	3 24	18 35	2 46	21 12	1 56	15 3	1 17	15 25	1 2	15 17	1 14	13 30	0 43	17 27	1 41	18 5	14 15	16 23	15 54	18 36	0 28	5 1
M21	23 25	24 26	2 18	18 58	2 37	20 55	1 56	14 50	1 17	15 28	1 2	15 15	1 14	13 29	0 43	17 28	1 41	18 4	14 14	16 24	15 55	18 34	0 29	5 1
T 22	23 25	20 25	1 2	19 20	2 27	20 37	1 56	14 38	1 16	15 32	1 2	15 13	1 14	13 28	0 43	17 28	1 41	18 3	14 14	16 25	15 55	18 31	0 29	5 1
W23	23 24	15 9	0s18	19 43	2 16	20 19	1 56	14 26	1 15	15 35	1 2	15 11	1 14	13 27	0 43	17 28	1 41	18 3	14 14	16 25	15 56	18 28	0 29	5 2
T 24	23 24	9 6	1 35	20 6	2 6	20 1	1 55	14 13	1 15	15 38	1 2	15 9	1 14	13 26	0 43	17 29	1 41	18 2	14 13	16 25	15 57	18 26	0 29	5 2
F 25	23 22	2 41	2 45	20 29	1 55	19 42	1 55	14 1	1 14	15 42	1 2	15 7	1 14	13 25	0 43	17 29	1 41	18 1	14 13	16 24	15 58	18 23	0 29	5 2
S 26	23 21	3s42	3 44	20 51	1 43	19 22	1 55	13 48	1 13	15 45	1 2	15 6	1 14	13 24	0 43	17 30	1 41	18 1	14 13	16 24	15 59	18 20	0 29	5 2
S 27	23 19	9 46	4 28	21 13	1 32	19 2	1 54	13 36	1 13	15 48	1 2	15 4	1 14	13 23	0 43	17 30	1 41	18 0	14 12	16 24	16 0	18 18	0 30	5 2
M28	23 16	15 15	4 57	21 34	1 20	18 42	1 54	13 23	1 12	15 52	1 2	15 2	1 14	13 23	0 43	17 30	1 41	17 59	14 12	16 25	16 1	18 15	0 30	5 3
T 29	23 13	19 56	5 10	21 54	1 8	18 21	1 53	13 10	1 11	15 55	1 3	15 0	1 14	13 22	0 43	17 31	1 41	17 59	14 12	16 26	16 2	18 13	0 30	5 3
W30	23n10	23s36	5s 7	22n13	0s57	18n 0	1n52	12n57	1n11	15n58	1s 3	14n58	1n14	13n21	0n43	17n31	1s41	17n58	14n11	16s27	16s 3	18s10	0n30	5n 3

Julian Day Number = 2529492.5, Delta T = 176.70 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'22, Lahiri = 26°50'22

ASTRODIENST EPHEMERIS for the year 2213
geocentric

JULY 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 8	9♋ 2'19	6♐11	23♊42	16♌32	29♌30	17♉27	23♌13	26♌33	25♉41	17♍29	14°R27	15♒51	10♒18	19°R30	T 1
F 2	18 39 4	9°59'32	18°35	25°35	17°42	0♍ 5	17°38	23°19	26°36	25°43	17°30	14♒21	15°48	10°25	19♓29	F 2
S 3	18 43 1	10°56'45	0♑49	27°31	18°52	0°41	17°49	23°25	26°39	25°45	17°31	14°15	15°45	10°31	19°29	S 3
S 4	18 46 58	11°53'57	12°53	29°30	20° 2	1°16	18° 1	23°32	26°42	25°47	17°32	14°11	15°42	10°38	19°28	S 4
M 5	18 50 54	12°51'09	24°50	1♋30	21°12	1°52	18°12	23°38	26°44	25°48	17°33	14° 8	15°39	10°45	19°27	M 5
T 6	18 54 51	13°48'21	6♒40	3°33	22°21	2°28	18°23	23°44	26°47	25°50	17°35	14° 6	15°35	10°51	19°27	T 6
W 7	18 58 47	14°45'33	18°28	5°38	23°31	3° 4	18°33	23°51	26°50	25°52	17°36	14°D 6	15°32	10°58	19°26	W 7
T 8	19 2 44	15°42'45	0♓15	7°44	24°40	3°40	18°44	23°57	26°53	25°53	17°37	14° 7	15°29	11° 5	19°25	T 8
F 9	19 6 40	16°39'57	12° 6	9°52	25°49	4°15	18°55	24° 4	26°56	25°55	17°38	14° 9	15°26	11°11	19°24	F 9
S 10	19 10 37	17°37'10	24° 4	12° 0	26°58	4°51	19° 5	24°11	26°59	25°56	17°39	14°10	15°23	11°18	19°23	S 10
S 11	19 14 33	18°34'22	6♈14	14°10	28° 7	5°27	19°16	24°17	27° 3	25°58	17°41	14°12	15°20	11°24	19°22	S 11
M12	19 18 30	19°31'35	18°41	16°19	29°16	6° 4	19°26	24°24	27° 6	25°59	17°42	14°R12	15°16	11°31	19°21	M12
T 13	19 22 27	20°28'49	1♉28	18°29	0♍25	6°40	19°37	24°31	27° 9	26° 1	17°43	14°12	15°13	11°38	19°20	T 13
W14	19 26 23	21°26'02	14°40	20°39	1°34	7°16	19°47	24°38	27°12	26° 2	17°44	14°10	15°10	11°44	19°19	W14
T 15	19 30 20	22°23'17	28°19	22°49	2°43	7°52	19°57	24°45	27°15	26° 4	17°46	14° 8	15° 7	11°51	19°18	T 15
F 16	19 34 16	23°20'31	12♊25	24°58	3°51	8°28	20° 7	24°51	27°18	26° 5	17°47	14° 5	15° 4	11°58	19°17	F 16
S 17	19 38 13	24°17'47	26°56	27° 6	5° 0	9° 5	20°17	24°58	27°22	26° 7	17°49	14° 3	15° 0	12° 4	19°15	S 17
S 18	19 42 9	25°15'02	11♋48	29°13	6° 8	9°41	20°26	25° 5	27°25	26° 8	17°50	14° 1	14°57	12°11	19°14	S 18
M19	19 46 6	26°12'18	26°53	1♌19	7°16	10°17	20°36	25°12	27°28	26° 9	17°51	13°59	14°54	12°18	19°13	M19
T 20	19 50 2	27° 9'35	12♌ 1	3°23	8°25	10°54	20°45	25°19	27°32	26°11	17°53	13°D59	14°51	12°24	19°11	T 20
W21	19 53 59	28° 6'51	27° 5	5°26	9°33	11°30	20°55	25°26	27°35	26°12	17°54	13°59	14°48	12°31	19°10	W21
T 22	19 57 56	29° 4'08	11♍55	7°28	10°40	12° 7	21° 4	25°34	27°38	26°13	17°56	14° 0	14°45	12°38	19° 8	T 22
F 23	20 1 52	0♌ 1'25	26°25	9°28	11°48	12°44	21°13	25°41	27°42	26°14	17°57	14° 1	14°41	12°44	19° 6	F 23
S 24	20 5 49	0°58'41	10♎33	11°26	12°56	13°20	21°22	25°48	27°45	26°16	17°59	14° 2	14°38	12°51	19° 5	S 24
S 25	20 9 45	1°55'59	24°16	13°23	14° 3	13°57	21°31	25°55	27°49	26°17	18° 1	14° 2	14°35	12°57	19° 3	S 25
M26	20 13 42	2°53'16	7♏37	15°17	15°11	14°34	21°39	26° 2	27°52	26°18	18° 2	14°R 2	14°32	13° 4	19° 1	M26
T 27	20 17 38	3°50'34	20°35	17°11	16°18	15°10	21°48	26°10	27°56	26°19	18° 4	14° 2	14°29	13°11	19° 0	T 27
W28	20 21 35	4°47'52	3♐15	19° 2	17°25	15°47	21°56	26°17	27°59	26°20	18° 6	14° 1	14°26	13°17	18°58	W28
T 29	20 25 31	5°45'10	15°39	20°52	18°32	16°24	22° 5	26°24	28° 3	26°21	18° 7	14° 0	14°22	13°24	18°56	T 29
F 30	20 29 28	6°42'29	27°51	22°39	19°39	17° 1	22°13	26°32	28° 6	26°22	18° 9	13°59	14°19	13°31	18°54	F 30
S 31	20 33 25	7♌39'48	9♑53	24♌26	20♍45	17♍38	22♉21	26♌39	28♌10	26♉23	18♍11	13♒58	14♒16	13♒37	18♓52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 6	26s 4	4s49	22n31	0s45	17n38	1n51	12n44	1n10	16n 1	1s 3	14n55	1n14	13n20	0n43	17n32	1s41	17n57	14n11	16s29	16s 4	18s 7	0n30	5n 3
F 2	23 2	27 12	4 18	22 48	0 33	17 16	1 50	12 31	1 9	16 4	1 3	14 53	1 14	13 19	0 43	17 32	1 41	17 57	14 11	16 30	16 5	18 5	0 30	5 4
S 3	22 58	26 59	3 35	23 2	0 21	16 53	1 49	12 18	1 9	16 7	1 3	14 51	1 14	13 18	0 43	17 32	1 41	17 56	14 10	16 32	16 6	18 2	0 30	5 4
S 4	22 53	25 29	2 43	23 15	0 9	16 30	1 48	12 4	1 8	16 10	1 3	14 49	1 14	13 17	0 43	17 33	1 41	17 55	14 10	16 33	16 7	17 59	0 30	5 4
M 5	22 48	22 50	1 44	23 26	0n 2	16 6	1 47	11 51	1 8	16 13	1 3	14 47	1 14	13 16	0 43	17 33	1 41	17 54	14 10	16 34	16 8	17 57	0 30	5 4
T 6	22 42	19 14	0 41	23 35	0 13	15 42	1 45	11 38	1 7	16 16	1 3	14 45	1 14	13 15	0 43	17 33	1 41	17 54	14 9	16 35	16 9	17 54	0 30	5 4
W 7	22 36	14 54	0n24	23 41	0 24	15 18	1 44	11 24	1 6	16 19	1 3	14 43	1 14	13 14	0 43	17 34	1 41	17 53	14 9	16 35	16 10	17 51	0 30	5 5
T 8	22 29	10 0	1 28	23 45	0 34	14 54	1 42	11 11	1 6	16 22	1 3	14 41	1 14	13 13	0 43	17 34	1 41	17 52	14 9	16 34	16 11	17 49	0 30	5 5
F 9	22 23	4 44	2 28	23 47	0 44	14 29	1 41	10 57	1 5	16 25	1 4	14 38	1 14	13 11	0 43	17 34	1 41	17 51	14 8	16 34	16 12	17 46	0 29	5 5
S 10	22 15	0n45	3 22	23 45	0 53	14 3	1 39	10 43	1 4	16 27	1 4	14 36	1 14	13 10	0 43	17 35	1 41	17 51	14 8	16 34	16 12	17 43	0 29	5 5
S 11	22 8	6 17	4 9	23 41	1 2	13 38	1 37	10 29	1 4	16 30	1 4	14 34	1 14	13 9	0 43	17 35	1 41	17 50	14 8	16 33	16 13	17 41	0 29	5 6
M12	22 0	11 42	4 45	23 34	1 10	13 12	1 35	10 15	1 3	16 33	1 4	14 32	1 14	13 8	0 43	17 35	1 41	17 49	14 7	16 33	16 14	17 38	0 29	5 6
T 13	21 51	16 46	5 8	23 25	1 17	12 46	1 33	10 2	1 3	16 35	1 4	14 30	1 14	13 7	0 43	17 36	1 41	17 48	14 7	16 33	16 15	17 35	0 29	5 6
W14	21 42	21 14	5 15	23 12	1 23	12 19	1 31	9 48	1 2	16 38	1 4	14 27	1 14	13 6	0 43	17 36	1 41	17 47	14 7	16 34	16 16	17 33	0 28	5 6
T 15	21 33	24 44	5 6	22 57	1 29	11 53	1 29	9 33	1 1	16 41	1 4	14 25	1 14	13 5	0 43	17 36	1 41	17 47	14 6	16 34	16 17	17 30	0 28	5 6
F 16	21 24	26 51	4 38	22 40	1 34	11 26	1 26	9 19	1 1	16 43	1 4	14 23	1 14	13 4	0 43	17 37	1 41	17 46	14 6	16 35	16 18	17 27	0 28	5 7
S 17	21 14	27 14	3 51	22 20	1 39	10 58	1 24	9 5	1 0	16 46	1 4	14 20	1 14	13 3	0 43	17 37	1 42	17 45	14 6	16 36	16 19	17 25	0 27	5 7
S 18	21 4	25 41	2 49	21 57	1 42	10 31	1 21	8 51	0 59	16 48	1 4	14 18	1 14	13 2	0 43	17 37	1 42	17 44	14 5	16 36	16 20	17 22	0 27	5 7
M19	20 53	22 17	1 33	21 33	1 45	10 3	1 19	8 37	0 59	16 51	1 5	14 16	1 14	13 0	0 43	17 37	1 42	17 43	14 5	16 37	16 21	17 19	0 27	5 7
T 20	20 42	17 21	0 11	21 6	1 47	9 35	1 16	8 22	0 58	16 53	1 5	14 13	1 14	12 59	0 43	17 38	1 42	17 43	14 5	16 37	16 22	17 16	0 26	5 7
W21	20 31	11 21	1s12	20 38	1 48	9 7	1 13	8 8	0 58	16 55	1 5	14 11	1 14	12 58	0 43	17 38	1 42	17 42	14 5	16 37	16 23	17 14	0 26	5 7
T 22	20 19	4 48	2 29	20 8	1 49	8 38	1 10	7 53	0 57	16 58	1 5	14 9	1 14	12 57	0 43	17 38	1 42	17 41	14 4	16 37	16 24	17 11	0 25	5 8
F 23	20 7	1s51	3 34	19 36	1 48	8 10	1 7	7 39	0 56	17 0	1 5	14 6	1 14	12 56	0 43	17 38	1 42	17 40	14 4	16 36	16 25	17 8	0 25	5 8
S 24	19 55	8 14	4 25	19 3	1 48	7 41	1 4	7 24	0 56	17 2	1 5	14 4	1 14	12 54	0 43	17 39	1 42	17 39	14 4	16 36	16 25	17 6	0 25	5 8
S 25	19 42	14 1	4 58	18 29	1 46	7 12	1 1	7 9	0 55	17 4	1 5	14 1	1 14	12 53	0 43	17 39	1 42	17 38	14 4	16 36	16 26	17 3	0 24	5 8
M26	19 30	19 0	5 15	17 53	1 44	6 43	0 57	6 55	0 54	17 6	1 5	13 59	1 14	12 52	0 43	17 39	1 42	17 37	14 3	16 36	16 27	17 0	0 23	5 8
T 27	19 16	22 56	5 15	17 17	1 41	6 14	0 54	6 40	0 54	17 8	1 6	13 56	1 14	12 51	0 43	17 39	1 42	17 37	14 3	16 36	16 28	16 57	0 23	5 8
W28	19 3	25 41	4 59	16 39	1 38	5 45	0 51	6 25	0 53	17 10	1 6	13 54	1 14	12 50	0 43	17 39	1 42	17 36	14 3	16 36	16 29	16 55	0 22	5 9
T 29	18 49	27 7	4 30	16 1	1 35	5 15	0 47	6 10	0 53	17 12	1 6	13 52	1 14	12 48	0 43	17 40	1 42	17 35	14 3	16 37	16 30	16 52	0 22	5 9
F 30	18 35	27 13	3 49	15 22	1 30	4 46	0 43	5 55	0 52	17 14	1 6	13 49	1 14	12 47	0 43	17 40	1 42	17 34	14 2	16 37	16 31	16 49	0 21	5 9
S 31	18n20	26s 0	2s58	14n43	1n26	4n16	0n39	5n40	0n51	17n16	1s 6	13n47	1n14	12n46	0n43	17n40	1s42	17n33	14n 2	16s37	16s32	16s46	0n21	5n 9

Julian Day Number = 2529522.5, Delta T = 176.79 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'26, Lahiri = 26°50'27

ASTRODIENST EPHEMERIS for the year 2213
geocentric

AUGUST 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 21	8♌37'08	21♉48	26♌10	21♍52	18♍15	22♉29	26♌46	28♌13	26♉24	18♍12	13°R58	14♒13	13♒44	18°R50	S 1
M 2	20 41 18	9°34'29	3♒38	27°53	22°58	18°52	22°37	26°54	28°17	26°25	18°14	13♒57	14°10	13°51	18♓48	M 2
T 3	20 45 14	10°31'50	15°26	29°34	24° 4	19°29	22°44	27° 1	28°21	26°26	18°16	13°D57	14° 6	13°57	18°46	T 3
W 4	20 49 11	11°29'12	27°14	1♍13	25°10	20° 7	22°52	27° 9	28°24	26°27	18°18	13°57	14° 3	14° 4	18°44	W 4
T 5	20 53 7	12°26'35	9♓ 4	2°51	26°16	20°44	22°59	27°16	28°28	26°28	18°19	13°57	14° 0	14°11	18°42	T 5
F 6	20 57 4	13°23'59	20°59	4°26	27°22	21°21	23° 6	27°24	28°31	26°29	18°21	13°57	13°57	14°17	18°40	F 6
S 7	21 1 0	14°21'23	3♈ 2	6° 1	28°27	21°58	23°13	27°31	28°35	26°29	18°23	13°R57	13°54	14°24	18°38	S 7
S 8	21 4 57	15°18'49	15°16	7°33	29°32	22°36	23°20	27°39	28°39	26°30	18°25	13°57	13°51	14°31	18°35	S 8
M 9	21 8 54	16°16'16	27°45	9° 4	0♎37	23°13	23°27	27°46	28°42	26°31	18°27	13°57	13°47	14°37	18°33	M 9
T 10	21 12 50	17°13'45	10♉31	10°33	1°42	23°50	23°34	27°54	28°46	26°31	18°29	13°57	13°44	14°44	18°31	T 10
W11	21 16 47	18°11'14	23°39	12° 0	2°47	24°28	23°40	28° 1	28°50	26°32	18°30	13°D57	13°41	14°50	18°28	W11
T 12	21 20 43	19° 8'45	7♊10	13°26	3°51	25° 6	23°46	28° 9	28°54	26°33	18°32	13°57	13°38	14°57	18°26	T 12
F 13	21 24 40	20° 6'18	21° 7	14°49	4°55	25°43	23°52	28°17	28°57	26°33	18°34	13°58	13°35	15° 4	18°24	F 13
S 14	21 28 36	21° 3'52	5♋28	16°11	5°59	26°21	23°58	28°24	29° 1	26°34	18°36	13°58	13°32	15°10	18°21	S 14
S 15	21 32 33	22° 1'27	20°12	17°31	7° 3	26°58	24° 4	28°32	29° 5	26°34	18°38	13°59	13°28	15°17	18°19	S 15
M16	21 36 29	22°59'03	5♌12	18°50	8° 7	27°36	24°10	28°40	29° 8	26°35	18°40	13°59	13°25	15°24	18°16	M16
T 17	21 40 26	23°56'41	20°22	20° 6	9°10	28°14	24°15	28°47	29°12	26°35	18°42	13°R59	13°22	15°30	18°14	T 17
W18	21 44 23	24°54'19	5♍31	21°20	10°13	28°52	24°21	28°55	29°16	26°36	18°44	13°59	13°19	15°37	18°11	W18
T 19	21 48 19	25°51'59	20°31	22°33	11°16	29°30	24°26	29° 2	29°20	26°36	18°46	13°58	13°16	15°44	18° 8	T 19
F 20	21 52 16	26°49'40	5♎14	23°43	12°19	0♎ 8	24°31	29°10	29°23	26°37	18°48	13°56	13°12	15°50	18° 6	F 20
S 21	21 56 12	27°47'22	19°33	24°51	13°21	0°46	24°35	29°18	29°27	26°37	18°50	13°55	13° 9	15°57	18° 3	S 21
S 22	22 0 9	28°45'05	3♏26	25°56	14°23	1°24	24°40	29°25	29°31	26°37	18°52	13°53	13° 6	16° 4	18° 1	S 22
M23	22 4 5	29°42'49	16°51	26°59	15°25	2° 2	24°44	29°33	29°35	26°37	18°54	13°52	13° 3	16°10	17°58	M23
T 24	22 8 2	0♍40'34	29°51	28° 0	16°27	2°40	24°49	29°41	29°38	26°38	18°56	13°D52	13° 0	16°17	17°55	T 24
W25	22 11 58	1°38'20	12♐29	28°58	17°28	3°18	24°53	29°48	29°42	26°38	18°58	13°52	12°57	16°23	17°53	W25
T 26	22 15 55	2°36'08	24°48	29°53	18°29	3°56	24°57	29°56	29°46	26°38	19° 0	13°53	12°53	16°30	17°50	T 26
F 27	22 19 52	3°33'56	6♑53	0♎46	19°30	4°35	25° 0	0♍ 4	29°50	26°38	19° 2	13°55	12°50	16°37	17°47	F 27
S 28	22 23 48	4°31'46	18°49	1°35	20°30	5°13	25° 4	0°11	29°53	26°38	19° 4	13°56	12°47	16°43	17°44	S 28
S 29	22 27 45	5°29'37	0♒38	2°21	21°30	5°51	25° 7	0°19	29°57	26°38	19° 7	13°57	12°44	16°50	17°41	S 29
M30	22 31 41	6°27'29	12°26	3° 3	22°29	6°30	25°10	0°27	0♍ 1	26°R38	19° 9	13°R58	12°41	16°57	17°39	M30
T 31	22 35 38	7♍25'23	24♒14	3♎42	23♎29	7♎ 8	25♉13	0♍34	0♍ 5	26♉38	19♍11	13♒58	12♒38	17♒ 3	17♓36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 5	23s38	2s 0	14n 3	1n20	3n46	0n36	5n25	0n51	17n18	1s 6	13n44	1n14	12n45	0n43	17n40	1s42	17n32	14n 2	16s37	16s33	16s44	0n20	5n 9
M 2	17 50	20 15	0 57	13 22	1 15	3 16	0 32	5 10	0 50	17 20	1 6	13 42	1 14	12 43	0 43	17 40	1 42	17 31	14 2	16 37	16 34	16 41	0 19	5 9
T 3	17 35	16 4	0n 8	12 41	1 9	2 46	0 27	4 55	0 50	17 22	1 7	13 39	1 14	12 42	0 43	17 41	1 42	17 30	14 2	16 37	16 35	16 38	0 19	5 9
W 4	17 19	11 16	1 13	12 0	1 2	2 16	0 23	4 40	0 49	17 24	1 7	13 36	1 14	12 41	0 43	17 41	1 42	17 30	14 1	16 37	16 36	16 35	0 18	5 10
T 5	17 3	6 4	2 15	11 19	0 56	1 46	0 19	4 25	0 48	17 25	1 7	13 34	1 14	12 40	0 43	17 41	1 42	17 29	14 1	16 37	16 37	16 33	0 17	5 10
F 6	16 47	0 38	3 12	10 38	0 49	1 16	0 15	4 9	0 48	17 27	1 7	13 31	1 14	12 38	0 43	17 41	1 43	17 28	14 1	16 37	16 37	16 30	0 16	5 10
S 7	16 30	4n53	4 0	9 56	0 41	0 46	0 10	3 54	0 47	17 29	1 7	13 29	1 14	12 37	0 43	17 41	1 43	17 27	14 1	16 37	16 38	16 27	0 16	5 10
S 8	16 14	10 18	4 39	9 15	0 33	0 16	0 6	3 39	0 47	17 30	1 7	13 26	1 14	12 36	0 43	17 41	1 43	17 26	14 1	16 37	16 39	16 24	0 15	5 10
M 9	15 57	15 24	5 5	8 33	0 25	0s14	0 1	3 24	0 46	17 32	1 7	13 24	1 14	12 35	0 43	17 41	1 43	17 25	14 0	16 37	16 40	16 21	0 14	5 10
T 10	15 39	19 59	5 17	7 52	0 17	0 44	0s 4	3 8	0 45	17 33	1 8	13 21	1 14	12 33	0 42	17 41	1 43	17 24	14 0	16 37	16 41	16 19	0 13	5 10
W11	15 22	23 43	5 13	7 11	0 9	1 14	0 8	2 53	0 45	17 35	1 8	13 19	1 14	12 32	0 42	17 42	1 43	17 23	14 0	16 37	16 42	16 16	0 13	5 10
T 12	15 4	26 17	4 52	6 30	0s 0	1 44	0 13	2 37	0 44	17 36	1 8	13 16	1 14	12 31	0 42	17 42	1 43	17 22	14 0	16 37	16 43	16 13	0 12	5 10
F 13	14 46	27 20	4 13	5 50	0 9	2 14	0 18	2 22	0 43	17 37	1 8	13 13	1 14	12 29	0 42	17 42	1 43	17 22	14 0	16 37	16 44	16 10	0 11	5 11
S 14	14 28	26 36	3 18	5 10	0 18	2 44	0 23	2 6	0 43	17 39	1 8	13 11	1 15	12 28	0 42	17 42	1 43	17 21	14 0	16 37	16 45	16 8	0 10	5 11
S 15	14 9	24 1	2 8	4 30	0 28	3 14	0 28	1 51	0 42	17 40	1 8	13 8	1 15	12 27	0 42	17 42	1 43	17 20	14 0	16 37	16 46	16 5	0 9	5 11
M16	13 50	19 44	0 49	3 51	0 37	3 44	0 33	1 35	0 42	17 41	1 8	13 6	1 15	12 25	0 42	17 42	1 43	17 19	13 59	16 37	16 47	16 2	0 8	5 11
T 17	13 32	14 8	0s35	3 12	0 47	4 13	0 39	1 20	0 41	17 42	1 9	13 3	1 15	12 24	0 42	17 42	1 43	17 18	13 59	16 37	16 47	15 59	0 7	5 11
W18	13 12	7 40	1 57	2 34	0 57	4 43	0 44	1 4	0 40	17 44	1 9	13 0	1 15	12 23	0 42	17 42	1 43	17 17	13 59	16 37	16 48	15 56	0 6	5 11
T 19	12 53	0 51	3 9	1 56	1 7	5 13	0 49	0 49	0 40	17 45	1 9	12 58	1 15	12 22	0 42	17 42	1 43	17 16	13 59	16 37	16 49	15 54	0 5	5 11
F 20	12 33	5s52	4 7	1 19	1 17	5 42	0 55	0 33	0 39	17 46	1 9	12 55	1 15	12 20	0 42	17 42	1 43	17 15	13 59	16 38	16 50	15 51	0 4	5 11
S 21	12 14	12 6	4 49	0 43	1 27	6 12	1 0	0 17	0 39	17 47	1 9	12 53	1 15	12 19	0 42	17 42	1 43	17 14	13 59	16 38	16 51	15 48	0 3	5 11
S 22	11 54	17 31	5 11	0 8	1 37	6 41	1 6	0 2	0 38	17 48	1 9	12 50	1 15	12 18	0 42	17 42	1 43	17 14	13 59	16 38	16 52	15 45	0 2	5 11
M23	11 34	21 54	5 16	0s27	1 47	7 10	1 12	0s14	0 37	17 49	1 10	12 47	1 15	12 16	0 42	17 42	1 43	17 13	13 59	16 39	16 53	15 42	0 1	5 11
T 24	11 13	25 3	5 4	1 0	1 57	7 39	1 17	0 30	0 37	17 49	1 10	12 45	1 15	12 15	0 42	17 42	1 44	17 12	13 59	16 39	16 54	15 39	0 0	5 11
W25	10 53	26 52	4 38	1 32	2 8	8 8	1 23	0 45	0 36	17 50	1 10	12 42	1 15	12 14	0 42	17 42	1 44	17 11	13 59	16 39	16 55	15 37	0s 1	5 11
T 26	10 32	27 18	3 59	2 4	2 18	8 36	1 29	1 1	0 36	17 51	1 10	12 39	1 15	12 12	0 43	17 42	1 44	17 10	13 58	16 39	16 56	15 34	0 2	5 11
F 27	10 11	26 25	3 11	2 34	2 28	9 5	1 35	1 17	0 35	17 52	1 10	12 37	1 15	12 11	0 43	17 42	1 44	17 9	13 58	16 38	16 56	15 31	0 3	5 11
S 28	9 50	24 19	2 15	3 2	2 38	9 33	1 41	1 33	0 34	17 52	1 10	12 34	1 15	12 10	0 43	17 42	1 44	17 8	13 58	16 38	16 57	15 28	0 4	5 11
S 29	9 29	21 11	1 13	3 30	2 48	10 1	1 47	1 48	0 34	17 53	1 10	12 32	1 16	12 8	0 43	17 42	1 44	17 7	13 58	16 37	16 58	15 25	0 5	5 11
M30	9 8	17 11	0 8	3 55	2 57	10 29	1 53	2 4	0 33	17 54	1 11	12 29	1 16	12 7	0 43	17 42	1 44	17 7	13 58	16 37	16 59	15 22	0 6	5 11
T 31	8n47	12s33	0n56	4s19	3s 7	10s57	1s59	2s20	0n33	17n54	1s11	12n26	1n16	12n 6	0n43	17n42	1s44	17n 6	13n58	16s37	17s 0	15s20	0s 7	5n11

Julian Day Number = 2529553.5, Delta T = 176.88 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'30, Lahiri = 26°50'31

ASTRODIENST EPHEMERIS for the year 2213
geocentric

SEPTEMBER 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 34	8♍23'18	6♓ 6	4♎17	24♎28	7♎47	25♉16	0♍42	0♍ 8	26°R38	19♍13	13°R56	12♒34	17♒10	17°R33	W 1
T 2	22 43 31	9°21'14	18° 3	4°47	25°26	8°25	25°19	0°49	0°12	26♉38	19°15	13♒53	12°31	17°17	17♓30	T 2
F 3	22 47 27	10°19'13	0♈ 7	5°13	26°24	9° 4	25°21	0°57	0°16	26°38	19°17	13°49	12°28	17°23	17°27	F 3
S 4	22 51 24	11°17'12	12°21	5°35	27°22	9°43	25°23	1° 5	0°19	26°38	19°19	13°45	12°25	17°30	17°25	S 4
S 5	22 55 21	12°15'14	24°46	5°51	28°19	10°21	25°25	1°12	0°23	26°38	19°21	13°40	12°22	17°37	17°22	S 5
M 6	22 59 17	13°13'17	7♉23	6° 2	29°16	11° 0	25°27	1°20	0°27	26°38	19°23	13°36	12°18	17°43	17°19	M 6
T 7	23 3 14	14°11'23	20°15	6°R 7	0♏12	11°39	25°29	1°27	0°30	26°37	19°26	13°33	12°15	17°50	17°16	T 7
W 8	23 7 10	15° 9'30	3♊23	6° 7	1° 8	12°18	25°30	1°35	0°34	26°37	19°28	13°31	12°12	17°56	17°13	W 8
T 9	23 11 7	16° 7'40	16°50	6° 1	2° 3	12°57	25°31	1°42	0°38	26°37	19°30	13°D30	12° 9	18° 3	17°10	T 9
F 10	23 15 3	17° 5'51	0♋36	5°48	2°58	13°36	25°32	1°50	0°41	26°36	19°32	13°31	12° 6	18°10	17° 7	F 10
S 11	23 19 0	18° 4'04	14°43	5°29	3°53	14°15	25°33	1°57	0°45	26°36	19°34	13°32	12° 3	18°16	17° 5	S 11
S 12	23 22 56	19° 2'20	29°10	5° 3	4°47	14°54	25°34	2° 5	0°49	26°36	19°36	13°33	11°59	18°23	17° 2	S 12
M13	23 26 53	20° 0'37	13♌54	4°31	5°40	15°33	25°34	2°12	0°52	26°35	19°38	13°R34	11°56	18°30	16°59	M13
T 14	23 30 50	20°58'56	28°49	3°53	6°33	16°12	25°34	2°20	0°56	26°35	19°41	13°33	11°53	18°36	16°56	T 14
W15	23 34 46	21°57'18	13♍49	3° 9	7°25	16°51	25°R34	2°27	0°59	26°34	19°43	13°31	11°50	18°43	16°53	W15
T 16	23 38 43	22°55'40	28°46	2°19	8°17	17°30	25°34	2°34	1° 3	26°34	19°45	13°26	11°47	18°50	16°50	T 16
F 17	23 42 39	23°54'05	13♎29	1°25	9° 7	18°10	25°34	2°42	1° 7	26°33	19°47	13°20	11°43	18°56	16°47	F 17
S 18	23 46 36	24°52'32	27°53	0°27	9°58	18°49	25°33	2°49	1°10	26°33	19°49	13°14	11°40	19° 3	16°45	S 18
S 19	23 50 32	25°51'00	11♏51	29♍26	10°47	19°28	25°32	2°56	1°14	26°32	19°51	13° 7	11°37	19°10	16°42	S 19
M20	23 54 29	26°49'30	25°22	28°23	11°36	20° 8	25°31	3° 4	1°17	26°31	19°53	13° 2	11°34	19°16	16°39	M20
T 21	23 58 25	27°48'01	8♐26	27°20	12°24	20°47	25°30	3°11	1°20	26°31	19°56	12°58	11°31	19°23	16°36	T 21
W22	0 2 22	28°46'35	21° 6	26°19	13°11	21°27	25°29	3°18	1°24	26°30	19°58	12°57	11°28	19°30	16°33	W22
T 23	0 6 19	29°45'10	3♑25	25°21	13°58	22° 7	25°27	3°25	1°27	26°29	20° 0	12°D56	11°24	19°36	16°31	T 23
F 24	0 10 15	0♎43'46	15°29	24°27	14°44	22°46	25°26	3°32	1°31	26°29	20° 2	12°57	11°21	19°43	16°28	F 24
S 25	0 14 12	1°42'24	27°22	23°38	15°28	23°26	25°24	3°39	1°34	26°28	20° 4	12°59	11°18	19°49	16°25	S 25
S 26	0 18 8	2°41'04	9♒10	22°57	16°12	24° 6	25°21	3°46	1°37	26°27	20° 6	12°R59	11°15	19°56	16°22	S 26
M27	0 22 5	3°39'45	20°57	22°24	16°55	24°46	25°19	3°53	1°41	26°26	20° 8	12°59	11°12	20° 3	16°20	M27
T 28	0 26 1	4°38'29	2♓48	22° 0	17°37	25°25	25°16	4° 0	1°44	26°25	20°10	12°57	11° 9	20° 9	16°17	T 28
W29	0 29 58	5°37'14	14°46	21°45	18°18	26° 5	25°14	4° 7	1°47	26°24	20°12	12°53	11° 5	20°16	16°14	W29
T 30	0 33 54	6♎36'01	26♓53	21°D41	18♏58	26♎45	25♉11	4♍14	1♍51	26♉23	20♍14	12♒46	11♒ 2	20♒23	16♓12	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	8n25	7s25	1n59	4s42	3s16	11s24	2s 5	2s36	0n32	17n55	1s11	12n24	1n16	12n 5	0n43	17n42	1s44	17n 5	13n58	16s38	17s 1	15s17	0s 8	5n11
T 2	8 3	2 1	2 57	5 2	3 25	11 52	2 11	2 51	0 31	17 55	1 11	12 21	1 16	12 3	0 43	17 42	1 44	17 4	13 58	16 39	17 2	15 14	0 9	5 11
F 3	7 41	3n31	3 47	5 20	3 33	12 19	2 17	3 7	0 31	17 56	1 11	12 19	1 16	12 2	0 43	17 42	1 44	17 3	13 58	16 40	17 3	15 11	0 10	5 11
S 4	7 19	8 59	4 28	5 36	3 41	12 45	2 24	3 23	0 30	17 56	1 11	12 16	1 16	12 1	0 43	17 42	1 44	17 2	13 58	16 41	17 4	15 8	0 11	5 11
S 5	6 57	14 10	4 56	5 49	3 49	13 12	2 30	3 39	0 30	17 56	1 12	12 13	1 16	11 59	0 43	17 41	1 44	17 1	13 58	16 42	17 4	15 5	0 13	5 11
M 6	6 35	18 51	5 11	6 0	3 55	13 38	2 36	3 54	0 29	17 57	1 12	12 11	1 16	11 58	0 43	17 41	1 44	17 1	13 58	16 43	17 5	15 3	0 14	5 11
T 7	6 13	22 46	5 11	6 8	4 2	14 4	2 43	4 10	0 28	17 57	1 12	12 8	1 16	11 57	0 43	17 41	1 44	17 0	13 58	16 44	17 6	15 0	0 15	5 11
W 8	5 51	25 37	4 54	6 12	4 7	14 30	2 49	4 26	0 28	17 57	1 12	12 5	1 16	11 55	0 43	17 41	1 44	16 59	13 58	16 45	17 7	14 57	0 16	5 11
T 9	5 28	27 6	4 22	6 14	4 11	14 55	2 55	4 41	0 27	17 57	1 12	12 3	1 17	11 54	0 43	17 41	1 44	16 58	13 58	16 45	17 8	14 54	0 17	5 11
F 10	5 5	26 58	3 33	6 12	4 14	15 20	3 2	4 57	0 27	17 57	1 12	12 0	1 17	11 53	0 43	17 41	1 44	16 57	13 58	16 45	17 9	14 51	0 18	5 11
S 11	4 43	25 6	2 31	6 6	4 16	15 45	3 8	5 13	0 26	17 57	1 13	11 58	1 17	11 52	0 43	17 41	1 45	16 56	13 58	16 45	17 10	14 48	0 19	5 11
S 12	4 20	21 34	1 18	5 56	4 17	16 9	3 15	5 28	0 25	17 57	1 13	11 55	1 17	11 50	0 43	17 41	1 45	16 56	13 58	16 44	17 11	14 45	0 21	5 11
M13	3 57	16 37	0s 2	5 43	4 16	16 33	3 21	5 44	0 25	17 57	1 13	11 53	1 17	11 49	0 43	17 40	1 45	16 55	13 58	16 44	17 12	14 42	0 22	5 11
T 14	3 34	10 35	1 22	5 26	4 14	16 57	3 28	6 0	0 24	17 57	1 13	11 50	1 17	11 48	0 43	17 40	1 45	16 54	13 59	16 44	17 12	14 40	0 23	5 11
W15	3 11	3 56	2 37	5 4	4 10	17 21	3 34	6 15	0 24	17 57	1 13	11 47	1 17	11 47	0 43	17 40	1 45	16 53	13 59	16 45	17 13	14 37	0 24	5 11
T 16	2 48	2s53	3 41	4 39	4 4	17 44	3 41	6 31	0 23	17 57	1 13	11 45	1 17	11 45	0 43	17 40	1 45	16 53	13 59	16 46	17 14	14 34	0 25	5 10
F 17	2 25	9 27	4 29	4 10	3 56	18 6	3 47	6 46	0 22	17 56	1 13	11 42	1 17	11 44	0 43	17 40	1 45	16 52	13 59	16 48	17 15	14 31	0 27	5 10
S 18	2 2	15 21	4 59	3 38	3 46	18 29	3 54	7 2	0 22	17 56	1 14	11 40	1 18	11 43	0 43	17 40	1 45	16 51	13 59	16 50	17 16	14 28	0 28	5 10
S 19	1 39	20 17	5 10	3 3	3 34	18 51	4 0	7 17	0 21	17 56	1 14	11 37	1 18	11 42	0 43	17 39	1 45	16 50	13 59	16 52	17 17	14 25	0 29	5 10
M20	1 16	23 59	5 3	2 26	3 21	19 12	4 7	7 33	0 21	17 55	1 14	11 35	1 18	11 40	0 43	17 39	1 45	16 50	13 59	16 53	17 18	14 22	0 30	5 10
T 21	0 52	26 18	4 40	1 47	3 6	19 33	4 13	7 48	0 20	17 55	1 14	11 32	1 18	11 39	0 43	17 39	1 45	16 49	13 59	16 54	17 19	14 19	0 31	5 10
W22	0 29	27 10	4 4	1 7	2 49	19 54	4 19	8 3	0 19	17 55	1 14	11 30	1 18	11 38	0 43	17 39	1 45	16 48	13 59	16 55	17 19	14 16	0 32	5 10
T 23	0 6	26 40	3 18	0 28	2 31	20 14	4 26	8 19	0 19	17 54	1 14	11 27	1 18	11 37	0 43	17 39	1 45	16 47	13 59	16 55	17 20	14 13	0 34	5 10
F 24	0s17	24 53	2 23	0n11	2 12	20 34	4 32	8 34	0 18	17 54	1 14	11 25	1 18	11 36	0 43	17 38	1 45	16 47	14 0	16 54	17 21	14 11	0 35	5 9
S 25	0 41	22 2	1 23	0 49	1 52	20 54	4 38	8 49	0 18	17 53	1 15	11 22	1 18	11 34	0 43	17 38	1 45	16 46	14 0	16 54	17 22	14 8	0 36	5 9
S 26	1 4	18 17	0 21	1 23	1 32	21 12	4 45	9 4	0 17	17 52	1 15	11 20	1 19	11 33	0 43	17 38	1 45	16 45	14 0	16 54	17 23	14 5	0 37	5 9
M27	1 27	13 49	0n43	1 55	1 12	21 31	4 51	9 20	0 16	17 52	1 15	11 18	1 19	11 32	0 43	17 38	1 45	16 44	14 0	16 54	17 24	14 2	0 38	5 9
T 28	1 51	8 50	1 45	2 23	0 52	21 49	4 57	9 35	0 16	17 51	1 15	11 15	1 19	11 31	0 43	17 37	1 45	16 44	14 0	16 55	17 25	13 59	0 40	5 9
W29	2 14	3 30	2 42	2 46	0 33	22 6	5 3	9 50	0 15	17 50	1 15	11 13	1 19	11 30	0 43	17 37	1 45	16 43	14 0	16 56	17 26	13 56	0 41	5 9
T 30	2s37	2n 1	3n33	3n 5	0s14	22s23	5s 9	10s 5	0n15	17n49	1s15	11n10	1n19	11n29	0n43	17n37	1s45	16n42	14n 1	16s58	17s26	13s53	0s42	5n 8

Julian Day Number = 2529584.5, Delta T = 176.97 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'35, Lahiri = 26°50'35

ASTRODIENST EPHEMERIS for the year 2213
geocentric

OCTOBER 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 51	7♎34'49	9♈11	21♍46	19♏36	27♎25	25°R 7	4♍21	1♍54	26°R22	20♍17	12°R37	10♒59	20♒29	16°R 9	F 1
S 2	0 41 47	8°33'40	21°40	22° 2	20°14	28° 5	25♉ 4	4°28	1°57	26♉21	20°19	12♒27	10°56	20°36	16♓ 6	S 2
S 3	0 45 44	9°32'33	4♉22	22°28	20°50	28°46	25° 1	4°35	2° 0	26°20	20°21	12°17	10°53	20°43	16° 4	S 3
M 4	0 49 41	10°31'28	17°16	23° 2	21°25	29°26	24°57	4°41	2° 3	26°19	20°23	12° 7	10°49	20°49	16° 1	M 4
T 5	0 53 37	11°30'25	0♊22	23°46	21°59	0♏ 6	24°53	4°48	2° 7	26°18	20°25	11°59	10°46	20°56	15°59	T 5
W 6	0 57 34	12°29'25	13°41	24°38	22°31	0°46	24°49	4°55	2°10	26°17	20°27	11°53	10°43	21° 3	15°56	W 6
T 7	1 1 30	13°28'27	27°12	25°38	23° 2	1°27	24°45	5° 1	2°13	26°16	20°29	11°49	10°40	21° 9	15°54	T 7
F 8	1 5 27	14°27'31	10♋55	26°45	23°31	2° 7	24°40	5° 8	2°16	26°15	20°31	11°D48	10°37	21°16	15°51	F 8
S 9	1 9 23	15°26'38	24°52	27°58	23°59	2°47	24°35	5°14	2°19	26°14	20°33	11°48	10°34	21°23	15°49	S 9
S 10	1 13 20	16°25'46	9♌ 3	29°17	24°26	3°28	24°31	5°21	2°22	26°13	20°35	11°R49	10°30	21°29	15°47	S 10
M11	1 17 17	17°24'57	23°26	0♎40	24°51	4° 8	24°26	5°27	2°25	26°11	20°37	11°48	10°27	21°36	15°44	M11
T 12	1 21 13	18°24'11	7♍59	2° 7	25°14	4°49	24°20	5°33	2°27	26°10	20°39	11°46	10°24	21°42	15°42	T 12
W13	1 25 10	19°23'26	22°37	3°38	25°35	5°30	24°15	5°40	2°30	26° 9	20°41	11°41	10°21	21°49	15°40	W13
T 14	1 29 6	20°22'44	7♎15	5°12	25°54	6°10	24°10	5°46	2°33	26° 8	20°43	11°33	10°18	21°56	15°38	T 14
F 15	1 33 3	21°22'04	21°44	6°48	26°12	6°51	24° 4	5°52	2°36	26° 6	20°44	11°23	10°15	22° 2	15°35	F 15
S 16	1 36 59	22°21'26	5♏59	8°26	26°28	7°32	23°58	5°58	2°39	26° 5	20°46	11°12	10°11	22° 9	15°33	S 16
S 17	1 40 56	23°20'50	19°54	10° 6	26°41	8°13	23°52	6° 4	2°41	26° 4	20°48	11° 0	10° 8	22°16	15°31	S 17
M18	1 44 52	24°20'15	3♐24	11°47	26°53	8°54	23°46	6°10	2°44	26° 2	20°50	10°50	10° 5	22°22	15°29	M18
T 19	1 48 49	25°19'43	16°29	13°29	27° 3	9°35	23°40	6°16	2°47	26° 1	20°52	10°42	10° 2	22°29	15°27	T 19
W20	1 52 45	26°19'13	29°10	15°11	27°10	10°16	23°34	6°22	2°49	25°59	20°54	10°37	9°59	22°36	15°25	W20
T 21	1 56 42	27°18'44	11♑31	16°54	27°15	10°57	23°27	6°28	2°52	25°58	20°56	10°34	9°55	22°42	15°23	T 21
F 22	2 0 39	28°18'17	23°35	18°37	27°18	11°38	23°20	6°33	2°54	25°56	20°57	10°33	9°52	22°49	15°21	F 22
S 23	2 4 35	29°17'52	5♒29	20°20	27°R18	12°19	23°14	6°39	2°57	25°55	20°59	10°33	9°49	22°56	15°20	S 23
S 24	2 8 32	0♏17'28	17°17	22° 3	27°16	13° 0	23° 7	6°44	2°59	25°54	21° 1	10°33	9°46	23° 2	15°18	S 24
M25	2 12 28	1°17'06	29° 5	23°46	27°12	13°42	23° 0	6°50	3° 2	25°52	21° 3	10°32	9°43	23° 9	15°16	M25
T 26	2 16 25	2°16'46	10♓59	25°29	27° 5	14°23	22°53	6°55	3° 4	25°51	21° 4	10°28	9°40	23°16	15°14	T 26
W27	2 20 21	3°16'27	23° 2	27°11	26°55	15° 4	22°45	7° 1	3° 6	25°49	21° 6	10°22	9°36	23°22	15°13	W27
T 28	2 24 18	4°16'11	5♈18	28°53	26°44	15°46	22°38	7° 6	3° 9	25°47	21° 8	10°13	9°33	23°29	15°11	T 28
F 29	2 28 14	5°15'56	17°49	0♏34	26°30	16°27	22°31	7°11	3°11	25°46	21° 9	10° 2	9°30	23°35	15° 9	F 29
S 30	2 32 11	6°15'43	0♉36	2°15	26°13	17° 9	22°23	7°16	3°13	25°44	21°11	9°49	9°27	23°42	15° 8	S 30
S 31	2 36 8	7♏15'32	13♉38	3♏56	25♏54	17♏51	22♉15	7♍21	3♍15	25♉43	21♍13	9♒36	9♒24	23♒49	15♓ 6	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	3s 0	7n32	4n15	3n19	0n 4	22s40	5s15	10s20	0n14	17n48	1s15	11n 8	1n19	11n27	0n43	17n37	1s46	16n42	14n 1	17s 0	17s27	13s50	0s43	5n 8
S 2	3 23	12 50	4 45	3 28	0 20	22 56	5 21	10 35	0 13	17 47	1 16	11 6	1 19	11 26	0 43	17 36	1 46	16 41	14 1	17 3	17 28	13 47	0 44	5 8
S 3	3 47	17 42	5 2	3 32	0 36	23 11	5 26	10 49	0 13	17 46	1 16	11 3	1 20	11 25	0 43	17 36	1 46	16 41	14 1	17 6	17 29	13 44	0 45	5 8
M 4	4 10	21 49	5 3	3 31	0 50	23 26	5 32	11 4	0 12	17 45	1 16	11 1	1 20	11 24	0 43	17 36	1 46	16 40	14 1	17 9	17 30	13 41	0 47	5 8
T 5	4 33	24 55	4 49	3 25	1 2	23 40	5 37	11 19	0 12	17 44	1 16	10 59	1 20	11 23	0 43	17 36	1 46	16 39	14 1	17 11	17 31	13 38	0 48	5 8
W 6	4 56	26 42	4 19	3 15	1 14	23 54	5 43	11 34	0 11	17 43	1 16	10 56	1 20	11 22	0 43	17 35	1 46	16 39	14 2	17 12	17 32	13 35	0 49	5 7
T 7	5 19	26 58	3 35	3 1	1 23	24 7	5 48	11 48	0 10	17 42	1 16	10 54	1 20	11 21	0 43	17 35	1 46	16 38	14 2	17 13	17 33	13 33	0 50	5 7
F 8	5 42	25 34	2 37	2 42	1 32	24 19	5 53	12 3	0 10	17 41	1 16	10 52	1 20	11 20	0 43	17 35	1 46	16 37	14 2	17 14	17 33	13 30	0 51	5 7
S 9	6 4	22 36	1 29	2 19	1 39	24 31	5 58	12 17	0 9	17 40	1 16	10 50	1 20	11 19	0 43	17 34	1 46	16 37	14 2	17 14	17 34	13 27	0 52	5 7
S 10	6 27	18 13	0 15	1 54	1 45	24 42	6 2	12 31	0 9	17 39	1 16	10 48	1 21	11 18	0 43	17 34	1 46	16 36	14 3	17 14	17 35	13 24	0 53	5 6
M11	6 50	12 43	1s 2	1 25	1 50	24 53	6 7	12 46	0 8	17 37	1 16	10 45	1 21	11 17	0 43	17 34	1 46	16 36	14 3	17 14	17 36	13 21	0 54	5 6
T 12	7 12	6 29	2 15	0 54	1 53	25 3	6 11	13 0	0 7	17 36	1 17	10 43	1 21	11 16	0 43	17 33	1 46	16 35	14 3	17 14	17 37	13 18	0 56	5 6
W13	7 35	0s 7	3 19	0 20	1 56	25 12	6 15	13 14	0 7	17 35	1 17	10 41	1 21	11 15	0 43	17 33	1 46	16 35	14 3	17 16	17 38	13 15	0 57	5 6
T 14	7 57	6 42	4 10	0s16	1 57	25 20	6 19	13 28	0 6	17 33	1 17	10 39	1 21	11 14	0 43	17 33	1 46	16 34	14 4	17 18	17 39	13 12	0 58	5 6
F 15	8 19	12 52	4 45	0 53	1 58	25 28	6 22	13 42	0 6	17 32	1 17	10 37	1 21	11 13	0 43	17 32	1 46	16 34	14 4	17 21	17 39	13 9	0 59	5 5
S 16	8 42	18 14	5 1	1 32	1 58	25 35	6 25	13 56	0 5	17 30	1 17	10 35	1 22	11 12	0 43	17 32	1 46	16 33	14 4	17 24	17 40	13 6	1 0	5 5
S 17	9 4	22 29	4 58	2 12	1 57	25 41	6 28	14 10	0 4	17 29	1 17	10 33	1 22	11 11	0 44	17 32	1 46	16 33	14 4	17 27	17 41	13 3	1 1	5 5
M18	9 26	25 23	4 39	2 53	1 55	25 46	6 30	14 23	0 4	17 27	1 17	10 31	1 22	11 10	0 44	17 31	1 46	16 32	14 5	17 30	17 42	13 0	1 2	5 5
T 19	9 47	26 48	4 6	3 35	1 53	25 50	6 32	14 37	0 3	17 26	1 17	10 29	1 22	11 9	0 44	17 31	1 46	16 32	14 5	17 32	17 43	12 57	1 3	5 4
W20	10 9	26 46	3 21	4 17	1 50	25 53	6 34	14 50	0 3	17 24	1 17	10 27	1 22	11 8	0 44	17 31	1 46	16 31	14 5	17 33	17 44	12 54	1 4	5 4
T 21	10 30	25 22	2 28	5 0	1 46	25 56	6 35	15 4	0 2	17 22	1 17	10 25	1 22	11 7	0 44	17 30	1 46	16 31	14 6	17 34	17 45	12 51	1 5	5 4
F 22	10 52	22 49	1 29	5 43	1 42	25 57	6 36	15 17	0 1	17 21	1 17	10 23	1 23	11 6	0 44	17 30	1 46	16 30	14 6	17 34	17 45	12 48	1 6	5 3
S 23	11 13	19 19	0 27	6 25	1 38	25 58	6 37	15 30	0 1	17 19	1 17	10 21	1 23	11 6	0 44	17 30	1 46	16 30	14 6	17 34	17 46	12 45	1 7	5 3
S 24	11 34	15 4	0n36	7 8	1 33	25 57	6 37	15 43	0 0	17 17	1 17	10 19	1 23	11 5	0 44	17 29	1 46	16 30	14 7	17 34	17 47	12 42	1 8	5 3
M25	11 54	10 16	1 37	7 51	1 28	25 56	6 36	15 56	0s 0	17 15	1 17	10 17	1 23	11 4	0 44	17 29	1 46	16 29	14 7	17 35	17 48	12 39	1 9	5 3
T 26	12 15	5 4	2 34	8 33	1 23	25 53	6 35	16 9	0 1	17 14	1 17	10 15	1 23	11 3	0 44	17 28	1 46	16 29	14 7	17 36	17 49	12 36	1 10	5 2
W27	12 36	0n22	3 25	9 15	1 17	25 49	6 33	16 22	0 2	17 12	1 17	10 13	1 24	11 2	0 44	17 28	1 46	16 29	14 8	17 37	17 50	12 33	1 11	5 2
T 28	12 56	5 53	4 7	9 57	1 11	25 44	6 31	16 35	0 2	17 10	1 17	10 11	1 24	11 1	0 44	17 28	1 46	16 28	14 8	17 40	17 50	12 30	1 11	5 2
F 29	13 16	11 16	4 38	10 38	1 5	25 37	6 28	16 47	0 3	17 8	1 17	10 10	1 24	11 1	0 44	17 27	1 46	16 28	14 8	17 43	17 51	12 27	1 12	5 1
S 30	13 36	16 17	4 56	11 19	0 59	25 30	6 24	17 0	0 3	17 6	1 17	10 8	1 24	11 0	0 44	17 27	1 46	16 28	14 9	17 46	17 52	12 24	1 13	5 1
S 31	13s55	20n40	4n59	11s59	0n53	25s21	6s19	17s12	0s 4	17n 4	1s17	10n 6	1n24	10n59	0n44	17n27	1s46	16n27	14n 9	17s50	17s53	12s21	1s14	5n 1

Julian Day Number = 2529614.5, Delta T = 177.06 sec
Ecliptic obliquity = 23°24'48, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'39, Lahiri = 26°50'39

ASTRODIENST EPHEMERIS for the year 2213
geocentric

NOVEMBER 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 4	8♏15'23	26♉55	5♏36	25°R33	18♏32	22°R 8	7♑26	3♑17	25°R41	21♑14	9°R23	9♒20	23♒55	15°R 5	M 1
T 2	2 44 1	9°15'16	10♊24	7°16	25♏10	19°14	22♉ 0	7°31	3°19	25♉40	21°16	9♒12	9°17	24° 2	15♓ 4	T 2
W 3	2 47 57	10°15'12	24° 3	8°55	24°44	19°56	21°52	7°36	3°21	25°38	21°17	9° 4	9°14	24° 9	15° 2	W 3
T 4	2 51 54	11°15'09	7♋50	10°33	24°17	20°38	21°44	7°41	3°23	25°36	21°19	8°59	9°11	24°15	15° 1	T 4
F 5	2 55 50	12°15'08	21°43	12°12	23°48	21°19	21°36	7°46	3°25	25°35	21°20	8°56	9° 8	24°22	15° 0	F 5
S 6	2 59 47	13°15'10	5♌42	13°49	23°17	22° 1	21°28	7°50	3°27	25°33	21°22	8°56	9° 5	24°29	14°59	S 6
S 7	3 3 43	14°15'14	19°45	15°27	22°45	22°43	21°20	7°55	3°29	25°31	21°23	8°56	9° 1	24°35	14°58	S 7
M 8	3 7 40	15°15'20	3♍54	17° 4	22°11	23°25	21°12	7°59	3°30	25°30	21°25	8°55	8°58	24°42	14°57	M 8
T 9	3 11 37	16°15'27	18° 5	18°40	21°37	24° 7	21° 4	8° 4	3°32	25°28	21°26	8°52	8°55	24°49	14°56	T 9
W10	3 15 33	17°15'37	2♎18	20°16	21° 2	24°50	20°56	8° 8	3°34	25°26	21°28	8°46	8°52	24°55	14°55	W10
T 11	3 19 30	18°15'49	16°29	21°52	20°26	25°32	20°48	8°12	3°35	25°25	21°29	8°38	8°49	25° 2	14°54	T 11
F 12	3 23 26	19°16'03	0♏34	23°27	19°49	26°14	20°40	8°16	3°37	25°23	21°30	8°27	8°46	25° 9	14°53	F 12
S 13	3 27 23	20°16'19	14°27	25° 2	19°13	26°56	20°32	8°20	3°38	25°21	21°32	8°14	8°42	25°15	14°52	S 13
S 14	3 31 19	21°16'37	28° 5	26°36	18°36	27°39	20°23	8°24	3°40	25°20	21°33	8° 2	8°39	25°22	14°52	S 14
M15	3 35 16	22°16'56	11♐24	28°10	18° 1	28°21	20°15	8°28	3°41	25°18	21°34	7°50	8°36	25°29	14°51	M15
T 16	3 39 12	23°17'17	24°22	29°44	17°25	29° 4	20° 7	8°31	3°43	25°16	21°35	7°41	8°33	25°35	14°50	T 16
W17	3 43 9	24°17'40	7♑ 0	1♐18	16°51	29°46	19°59	8°35	3°44	25°15	21°37	7°35	8°30	25°42	14°50	W17
T 18	3 47 6	25°18'04	19°19	2°51	16°17	0♐29	19°51	8°39	3°45	25°13	21°38	7°31	8°26	25°48	14°49	T 18
F 19	3 51 2	26°18'29	1♒23	4°24	15°45	1°11	19°43	8°42	3°46	25°11	21°39	7°29	8°23	25°55	14°49	F 19
S 20	3 54 59	27°18'56	13°17	5°57	15°15	1°54	19°35	8°45	3°47	25°10	21°40	7°D29	8°20	26° 2	14°48	S 20
S 21	3 58 55	28°19'24	25° 6	7°29	14°46	2°37	19°27	8°49	3°48	25° 8	21°41	7°R29	8°17	26° 8	14°48	S 21
M22	4 2 52	29°19'53	6♓55	9° 2	14°18	3°20	19°19	8°52	3°49	25° 6	21°42	7°29	8°14	26°15	14°48	M22
T 23	4 6 48	0♐20'24	18°49	10°34	13°53	4° 2	19°11	8°55	3°50	25° 5	21°43	7°27	8°11	26°22	14°48	T 23
W24	4 10 45	1°20'56	0♈54	12° 5	13°30	4°45	19° 3	8°58	3°51	25° 3	21°44	7°23	8° 7	26°28	14°48	W24
T 25	4 14 41	2°21'29	13°15	13°37	13° 9	5°28	18°55	9° 0	3°52	25° 1	21°45	7°17	8° 4	26°35	14°48	T 25
F 26	4 18 38	3°22'03	25°54	15° 8	12°51	6°11	18°48	9° 3	3°53	24°59	21°46	7° 8	8° 1	26°42	14°D48	F 26
S 27	4 22 35	4°22'39	8♉53	16°39	12°35	6°54	18°40	9° 6	3°54	24°58	21°47	6°57	7°58	26°48	14°48	S 27
S 28	4 26 31	5°23'16	22°13	18°10	12°21	7°37	18°33	9° 8	3°54	24°56	21°48	6°46	7°55	26°55	14°48	S 28
M29	4 30 28	6°23'54	5♊52	19°41	12°10	8°21	18°25	9°11	3°55	24°55	21°49	6°35	7°52	27° 2	14°48	M29
T 30	4 34 24	7♐24'34	19♊46	21♐11	12♏ 1	9♐ 4	18♉18	9♑13	3♑56	24♉53	21♑50	6♒27	7♒48	27♒ 8	14♓48	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s15	24n 5	4n46	12s39	0n46	25s11	6s14	17s24	0s 5	17n 2	1s17	10n 5	1n25	10n58	0n44	17n26	1s46	16n27	14n10	17s53	17s54	12s18	1s15	5n 1
T 2	14 34	26 14	4 17	13 17	0 40	24 59	6 9	17 36	0 5	17 0	1 17	10 3	1 25	10 58	0 44	17 26	1 46	16 27	14 10	17 56	17 55	12 15	1 16	5 0
W 3	14 53	26 50	3 33	13 56	0 33	24 47	6 2	17 48	0 6	16 58	1 17	10 1	1 25	10 57	0 44	17 25	1 47	16 26	14 10	17 58	17 56	12 12	1 16	5 0
T 4	15 11	25 47	2 36	14 33	0 27	24 33	5 55	18 0	0 6	16 56	1 17	10 0	1 25	10 56	0 44	17 25	1 47	16 26	14 11	18 0	17 56	12 9	1 17	5 0
F 5	15 30	23 8	1 30	15 10	0 20	24 18	5 47	18 11	0 7	16 54	1 17	9 58	1 25	10 56	0 44	17 25	1 47	16 26	14 11	18 0	17 57	12 6	1 18	4 59
S 6	15 48	19 6	0 17	15 46	0 13	24 1	5 38	18 23	0 8	16 52	1 17	9 57	1 26	10 55	0 44	17 24	1 47	16 26	14 11	18 0	17 58	12 3	1 19	4 59
S 7	16 6	13 58	0s57	16 21	0 6	23 44	5 28	18 34	0 8	16 50	1 17	9 55	1 26	10 55	0 44	17 24	1 47	16 25	14 12	18 0	17 59	12 0	1 19	4 59
M 8	16 24	8 5	2 8	16 55	0s 0	23 25	5 18	18 45	0 9	16 48	1 17	9 54	1 26	10 54	0 44	17 23	1 47	16 25	14 12	18 1	18 0	11 57	1 20	4 58
T 9	16 41	1 46	3 11	17 28	0 7	23 5	5 7	18 56	0 9	16 46	1 17	9 52	1 26	10 53	0 44	17 23	1 47	16 25	14 13	18 1	18 1	11 54	1 21	4 58
W10	16 58	4s38	4 3	18 1	0 14	22 44	4 55	19 7	0 10	16 44	1 17	9 51	1 26	10 53	0 44	17 23	1 47	16 25	14 13	18 3	18 1	11 51	1 21	4 58
T 11	17 15	10 46	4 39	18 32	0 21	22 23	4 43	19 18	0 11	16 42	1 17	9 50	1 27	10 52	0 44	17 22	1 47	16 25	14 14	18 5	18 2	11 48	1 22	4 57
F 12	17 31	16 18	4 58	19 3	0 27	22 1	4 30	19 28	0 11	16 40	1 17	9 48	1 27	10 52	0 45	17 22	1 47	16 25	14 14	18 8	18 3	11 45	1 23	4 57
S 13	17 48	20 55	4 59	19 33	0 34	21 38	4 17	19 39	0 12	16 38	1 16	9 47	1 27	10 51	0 45	17 21	1 47	16 24	14 14	18 11	18 4	11 42	1 23	4 57
S 14	18 4	24 18	4 43	20 2	0 40	21 14	4 3	19 49	0 12	16 36	1 16	9 46	1 27	10 51	0 45	17 21	1 47	16 24	14 15	18 14	18 5	11 39	1 24	4 56
M15	18 19	26 16	4 11	20 29	0 47	20 50	3 49	19 59	0 13	16 34	1 16	9 44	1 28	10 50	0 45	17 21	1 47	16 24	14 15	18 17	18 6	11 36	1 24	4 56
T 16	18 34	26 45	3 28	20 56	0 53	20 26	3 34	20 9	0 14	16 32	1 16	9 43	1 28	10 50	0 45	17 20	1 47	16 24	14 16	18 20	18 6	11 33	1 25	4 56
W17	18 49	25 48	2 34	21 22	0 59	20 2	3 19	20 19	0 14	16 30	1 16	9 42	1 28	10 49	0 45	17 20	1 47	16 24	14 16	18 21	18 7	11 30	1 25	4 55
T 18	19 4	23 35	1 35	21 46	1 5	19 38	3 4	20 28	0 15	16 28	1 16	9 41	1 28	10 49	0 45	17 19	1 47	16 24	14 17	18 22	18 8	11 27	1 26	4 55
F 19	19 18	20 21	0 32	22 10	1 11	19 14	2 49	20 38	0 15	16 26	1 16	9 40	1 28	10 49	0 45	17 19	1 47	16 24	14 17	18 23	18 9	11 24	1 26	4 55
S 20	19 32	16 19	0n31	22 32	1 17	18 50	2 33	20 47	0 16	16 24	1 16	9 39	1 29	10 48	0 45	17 19	1 47	16 24	14 18	18 23	18 10	11 21	1 27	4 54
S 21	19 46	11 41	1 32	22 54	1 23	18 27	2 18	20 56	0 17	16 22	1 15	9 38	1 29	10 48	0 45	17 18	1 47	16 24	14 18	18 23	18 10	11 18	1 27	4 54
M22	19 59	6 38	2 30	23 14	1 28	18 4	2 2	21 5	0 17	16 20	1 15	9 37	1 29	10 48	0 45	17 18	1 47	16 24	14 18	18 23	18 11	11 15	1 28	4 54
T 23	20 12	1 20	3 22	23 33	1 33	17 42	1 47	21 13	0 18	16 18	1 15	9 36	1 29	10 47	0 45	17 17	1 47	16 24	14 19	18 23	18 12	11 12	1 28	4 53
W24	20 24	4n 6	4 5	23 51	1 38	17 20	1 32	21 22	0 18	16 16	1 15	9 35	1 30	10 47	0 45	17 17	1 47	16 24	14 19	18 24	18 13	11 9	1 28	4 53
T 25	20 37	9 29	4 38	24 7	1 43	16 59	1 17	21 30	0 19	16 14	1 15	9 34	1 30	10 47	0 45	17 17	1 47	16 24	14 20	18 26	18 14	11 6	1 29	4 53
F 26	20 48	14 37	4 58	24 23	1 48	16 39	1 2	21 38	0 19	16 12	1 15	9 33	1 30	10 46	0 45	17 16	1 47	16 24	14 20	18 28	18 15	11 3	1 29	4 52
S 27	21 0	19 14	5 3	24 37	1 53	16 21	0 47	21 46	0 20	16 10	1 14	9 33	1 30	10 46	0 45	17 16	1 47	16 24	14 21	18 31	18 15	11 0	1 29	4 52
S 28	21 11	23 1	4 53	24 50	1 57	16 3	0 33	21 54	0 21	16 8	1 14	9 32	1 31	10 46	0 45	17 15	1 47	16 24	14 21	18 34	18 16	10 57	1 30	4 52
M29	21 21	25 37	4 26	25 1	2 1	15 46	0 19	22 1	0 21	16 6	1 14	9 31	1 31	10 46	0 45	17 15	1 46	16 24	14 22	18 36	18 17	10 54	1 30	4 51
T 30	21s31	26n42	3n42	25s11	2s 4	15s30	0s 5	22s 9	0s22	16n 4	1s14	9n31	1n31	10n46	0n45	17n15	1s46	16n25	14n22	18s39	18s18	10s51	1s30	4n51

Julian Day Number = 2529645.5, Delta T = 177.15 sec
Ecliptic obliquity = 23°24'47, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'43, Lahiri = 26°50'44

ASTRODIENST EPHEMERIS for the year 2213
geocentric

DECEMBER 2213 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 21	8♐25'15	3♋52	22♐41	11°R55	9♐47	18°R11	9♍15	3♍56	24°R51	21♍50	6°R20	7♒45	27♒15	14♓48	W 1
T 2	4 42 17	9°25'58	18° 4	24°11	11♏51	10°30	18♉ 4	9°17	3°57	24♉50	21°51	6♒16	7°42	27°22	14°49	T 2
F 3	4 46 14	10°26'42	2♌19	25°40	11°D49	11°14	17°57	9°19	3°57	24°48	21°52	6°D15	7°39	27°28	14°49	F 3
S 4	4 50 11	11°27'27	16°34	27° 9	11°51	11°57	17°50	9°21	3°57	24°46	21°53	6°15	7°36	27°35	14°50	S 4
S 5	4 54 7	12°28'14	0♍45	28°37	11°54	12°41	17°43	9°23	3°58	24°45	21°53	6°16	7°32	27°42	14°50	S 5
M 6	4 58 4	13°29'02	14°52	0♎ 5	12° 0	13°24	17°36	9°25	3°58	24°43	21°54	6°R16	7°29	27°48	14°51	M 6
T 7	5 2 0	14°29'52	28°53	1°32	12° 8	14° 8	17°30	9°26	3°58	24°42	21°55	6°15	7°26	27°55	14°51	T 7
W 8	5 5 57	15°30'43	12♎47	2°58	12°19	14°51	17°23	9°28	3°58	24°40	21°55	6°12	7°23	28° 2	14°52	W 8
T 9	5 9 53	16°31'36	26°34	4°24	12°32	15°35	17°17	9°29	3°58	24°39	21°56	6° 7	7°20	28° 8	14°53	T 9
F 10	5 13 50	17°32'30	10♏11	5°49	12°47	16°19	17°11	9°30	3°R58	24°37	21°56	5°59	7°17	28°15	14°54	F 10
S 11	5 17 46	18°33'25	23°37	7°12	13° 4	17° 2	17° 5	9°32	3°58	24°35	21°57	5°51	7°13	28°22	14°54	S 11
S 12	5 21 43	19°34'22	6♐51	8°34	13°23	17°46	17° 0	9°33	3°58	24°34	21°57	5°42	7°10	28°28	14°55	S 12
M13	5 25 40	20°35'19	19°49	9°55	13°44	18°30	16°54	9°34	3°58	24°32	21°57	5°34	7° 7	28°35	14°56	M13
T 14	5 29 36	21°36'18	2♑32	11°13	14° 6	19°14	16°49	9°34	3°58	24°31	21°58	5°28	7° 4	28°41	14°57	T 14
W15	5 33 33	22°37'17	15° 0	12°30	14°31	19°58	16°43	9°35	3°58	24°30	21°58	5°24	7° 1	28°48	14°58	W15
T 16	5 37 29	23°38'17	27°14	13°44	14°58	20°42	16°38	9°36	3°57	24°28	21°59	5°21	6°58	28°55	15° 0	T 16
F 17	5 41 26	24°39'18	9♒15	14°55	15°26	21°26	16°33	9°36	3°57	24°27	21°59	5°D21	6°54	29° 1	15° 1	F 17
S 18	5 45 22	25°40'19	21° 8	16° 3	15°55	22°10	16°29	9°36	3°56	24°25	21°59	5°22	6°51	29° 8	15° 2	S 18
S 19	5 49 19	26°41'21	2♓56	17° 7	16°27	22°55	16°24	9°37	3°56	24°24	21°59	5°24	6°48	29°15	15° 3	S 19
M20	5 53 15	27°42'23	14°44	18° 6	17° 0	23°39	16°20	9°37	3°55	24°23	21°59	5°26	6°45	29°21	15° 5	M20
T 21	5 57 12	28°43'25	26°37	19° 1	17°34	24°23	16°15	9°R37	3°55	24°21	22° 0	5°R26	6°42	29°28	15° 6	T 21
W22	6 1 9	29°44'28	8♈41	19°49	18°10	25° 7	16°11	9°37	3°54	24°20	22° 0	5°26	6°38	29°35	15° 8	W22
T 23	6 5 5	0♑45'32	21° 0	20°31	18°47	25°52	16° 8	9°36	3°53	24°19	22° 0	5°24	6°35	29°41	15° 9	T 23
F 24	6 9 2	1°46'35	3♉39	21° 5	19°25	26°36	16° 4	9°36	3°53	24°17	22° 0	5°20	6°32	29°48	15°11	F 24
S 25	6 12 58	2°47'39	16°41	21°30	20° 4	27°21	16° 1	9°36	3°52	24°16	22°R 0	5°16	6°29	29°55	15°13	S 25
S 26	6 16 55	3°48'44	0♊ 7	21°47	20°45	28° 5	15°57	9°35	3°51	24°15	22° 0	5°10	6°26	0♓ 1	15°14	S 26
M27	6 20 51	4°49'48	13°58	21°R53	21°27	28°50	15°54	9°35	3°50	24°14	22° 0	5° 5	6°23	0° 8	15°16	M27
T 28	6 24 48	5°50'54	28°10	21°48	22°10	29°34	15°52	9°34	3°49	24°12	22° 0	5° 1	6°19	0°15	15°18	T 28
W29	6 28 44	6°51'59	12♋40	21°32	22°54	0♑19	15°49	9°33	3°48	24°11	22° 0	4°58	6°16	0°21	15°20	W29
T 30	6 32 41	7°53'05	27°19	21° 4	23°40	1° 4	15°47	9°32	3°47	24°10	21°59	4°57	6°13	0°28	15°22	T 30
F 31	6 36 38	8♑54'11	12♌ 3	20♑24	24♏26	1♑48	15♉44	9♍31	3♍46	24♉ 9	21♍59	4°D57	6♒10	0♓35	15♓24	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	21s41	26n 6	2n44	25s20	2s 8	15s16	0n 8	22s16	0s22	16n 3	1s14	9n30	1n31	10n46	0n45	17n14	1s46	16n25	14n23	18s40	18s19	10s48	1s30	4n51
T 2	21 50	23 47	1 36	25 28	2 11	15 2	0 21	22 23	0 23	16 1	1 14	9 29	1 31	10 45	0 45	17 14	1 46	16 25	14 23	18 41	18 19	10 45	1 31	4 50
F 3	21 59	19 58	0 21	25 34	2 14	14 50	0 34	22 29	0 24	15 59	1 13	9 29	1 32	10 45	0 45	17 14	1 46	16 25	14 24	18 41	18 20	10 42	1 31	4 50
S 4	22 8	14 59	0s55	25 39	2 16	14 39	0 46	22 36	0 24	15 57	1 13	9 28	1 32	10 45	0 45	17 13	1 46	16 25	14 24	18 41	18 21	10 39	1 31	4 50
S 5	22 16	9 12	2 8	25 43	2 18	14 29	0 57	22 42	0 25	15 56	1 13	9 28	1 32	10 45	0 46	17 13	1 46	16 25	14 25	18 41	18 22	10 36	1 31	4 49
M 6	22 24	3 0	3 12	25 45	2 20	14 20	1 8	22 48	0 25	15 54	1 13	9 28	1 32	10 45	0 46	17 12	1 46	16 26	14 25	18 41	18 23	10 32	1 31	4 49
T 7	22 31	3s18	4 5	25 45	2 21	14 12	1 19	22 54	0 26	15 53	1 12	9 27	1 33	10 45	0 46	17 12	1 46	16 26	14 26	18 41	18 24	10 29	1 31	4 49
W 8	22 38	9 22	4 42	25 45	2 22	14 6	1 30	22 59	0 26	15 51	1 12	9 27	1 33	10 45	0 46	17 12	1 46	16 26	14 26	18 42	18 24	10 26	1 31	4 48
T 9	22 44	14 56	5 3	25 43	2 22	14 0	1 40	23 5	0 27	15 49	1 12	9 27	1 33	10 45	0 46	17 11	1 46	16 26	14 27	18 43	18 25	10 23	1 31	4 48
F 10	22 50	19 42	5 6	25 39	2 22	13 55	1 49	23 10	0 28	15 48	1 12	9 26	1 33	10 45	0 46	17 11	1 46	16 27	14 27	18 45	18 26	10 20	1 31	4 48
S 11	22 55	23 23	4 53	25 34	2 21	13 52	1 58	23 15	0 28	15 47	1 12	9 26	1 34	10 45	0 46	17 11	1 46	16 27	14 28	18 47	18 27	10 17	1 31	4 47
S 12	23 0	25 45	4 24	25 28	2 20	13 49	2 7	23 20	0 29	15 45	1 11	9 26	1 34	10 45	0 46	17 10	1 46	16 27	14 28	18 49	18 28	10 14	1 31	4 47
M13	23 5	26 42	3 41	25 20	2 18	13 48	2 15	23 24	0 29	15 44	1 11	9 26	1 34	10 45	0 46	17 10	1 46	16 27	14 29	18 51	18 28	10 11	1 31	4 47
T 14	23 9	26 12	2 48	25 11	2 15	13 47	2 23	23 28	0 30	15 43	1 11	9 26	1 34	10 45	0 46	17 10	1 46	16 28	14 29	18 53	18 29	10 8	1 31	4 46
W15	23 12	24 22	1 48	25 1	2 12	13 47	2 30	23 32	0 30	15 41	1 11	9 26	1 35	10 46	0 46	17 9	1 46	16 28	14 30	18 54	18 30	10 5	1 31	4 46
T 16	23 16	21 25	0 44	24 49	2 7	13 48	2 37	23 36	0 31	15 40	1 10	9 26	1 35	10 46	0 46	17 9	1 46	16 28	14 30	18 55	18 31	10 2	1 31	4 46
F 17	23 18	17 35	0n21	24 36	2 2	13 50	2 44	23 40	0 31	15 39	1 10	9 26	1 35	10 46	0 46	17 9	1 46	16 29	14 31	18 55	18 32	9 59	1 31	4 45
S 18	23 21	13 6	1 25	24 22	1 56	13 52	2 50	23 43	0 32	15 38	1 10	9 26	1 35	10 46	0 46	17 8	1 46	16 29	14 31	18 54	18 32	9 56	1 30	4 45
S 19	23 22	8 10	2 25	24 8	1 49	13 55	2 56	23 46	0 33	15 37	1 9	9 26	1 36	10 46	0 46	17 8	1 46	16 30	14 32	18 54	18 33	9 53	1 30	4 45
M20	23 24	2 57	3 18	23 52	1 41	13 59	3 2	23 49	0 33	15 36	1 9	9 26	1 36	10 47	0 46	17 8	1 46	16 30	14 32	18 54	18 34	9 50	1 30	4 44
T 21	23 24	2n23	4 4	23 35	1 32	14 3	3 7	23 51	0 34	15 35	1 9	9 26	1 36	10 47	0 46	17 8	1 46	16 30	14 33	18 53	18 35	9 46	1 30	4 44
W22	23 25	7 43	4 39	23 18	1 22	14 9	3 12	23 54	0 34	15 34	1 9	9 27	1 36	10 47	0 46	17 7	1 46	16 31	14 34	18 53	18 36	9 43	1 29	4 44
T 23	23 25	12 52	5 3	23 1	1 11	14 14	3 17	23 56	0 35	15 33	1 8	9 27	1 37	10 47	0 46	17 7	1 46	16 31	14 34	18 54	18 36	9 40	1 29	4 43
F 24	23 24	17 37	5 12	22 43	0 58	14 20	3 21	23 57	0 35	15 32	1 8	9 27	1 37	10 48	0 46	17 7	1 46	16 32	14 35	18 55	18 37	9 37	1 29	4 43
S 25	23 23	21 41	5 6	22 26	0 44	14 27	3 25	23 59	0 36	15 32	1 8	9 28	1 37	10 48	0 46	17 7	1 46	16 32	14 35	18 56	18 38	9 34	1 28	4 43
S 26	23 21	24 46	4 44	22 8	0 29	14 34	3 28	24 0	0 36	15 31	1 8	9 28	1 37	10 48	0 46	17 6	1 46	16 33	14 36	18 57	18 39	9 31	1 28	4 42
M27	23 19	26 29	4 4	21 51	0 13	14 42	3 32	24 1	0 37	15 30	1 7	9 29	1 38	10 49	0 46	17 6	1 46	16 33	14 36	18 58	18 39	9 28	1 28	4 42
T 28	23 17	26 32	3 8	21 35	0n 4	14 50	3 35	24 2	0 38	15 30	1 7	9 29	1 38	10 49	0 47	17 6	1 46	16 34	14 37	18 59	18 40	9 25	1 27	4 42
W29	23 14	24 48	1 59	21 19	0 23	14 58	3 38	24 3	0 38	15 29	1 7	9 30	1 38	10 50	0 47	17 6	1 46	16 34	14 37	19 0	18 41	9 22	1 27	4 41
T 30	23 11	21 21	0 42	21 5	0 42	15 7	3 40	24 3	0 39	15 29	1 6	9 30	1 38	10 50	0 47	17 5	1 46	16 35	14 38	19 1	18 42	9 19	1 26	4 41
F 31	23s 7	16n32	0s39	20s51	1n 1	15s16	3n42	24s 3	0s39	15n29	1s 6	9n31	1n39	10n50	0n47	17n 5	1s45	16n35	14n38	19s 1	18s43	9s16	1s26	4n41

Julian Day Number = 2529675.5, Delta T = 177.23 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'47, Lahiri = 26°50'48