



Astrodienst Ephemeris Tables for the year 2214

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 EPHEMERIS for the year 2214
geocentric

JANUARY 2214

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	6 40 34	9♂55'18	26♂43	19°R33	25♂13	2♂33	15°R42	9°R30	3°R45	24°R 8	21°R59	4♂58	6♂ 7	0♂41	15♂26	S 1
S 2	6 44 31	10°56'25	11♂15	18♂31	26° 1	3°18	15♂41	9♂28	3♂43	24♂ 7	21♂59	4°59	6° 4	0°48	15°28	S 2
M 3	6 48 27	11°57'32	25°35	17°22	26°50	4° 3	15°39	9°27	3°42	24° 6	21°58	5° 1	6° 0	0°55	15°30	M 3
T 4	6 52 24	12°58'40	9♂40	16° 5	27°40	4°48	15°38	9°25	3°41	24° 5	21°58	5°R 1	5°57	1° 1	15°32	T 4
W 5	6 56 20	13°59'48	23°29	14°45	28°30	5°33	15°36	9°24	3°39	24° 4	21°58	5° 1	5°54	1° 8	15°34	W 5
T 6	7 0 17	15° 0'57	7♂ 2	13°23	29°22	6°18	15°35	9°22	3°38	24° 3	21°57	5° 0	5°51	1°15	15°36	T 6
F 7	7 4 14	16° 2'07	20°20	12° 3	0♂14	7° 3	15°35	9°20	3°37	24° 2	21°57	4°58	5°48	1°21	15°39	F 7
S 8	7 8 10	17° 3'16	3♂23	10°47	1° 7	7°48	15°34	9°18	3°35	24° 1	21°57	4°55	5°44	1°28	15°41	S 8
S 9	7 12 7	18° 4'26	16°13	9°36	2° 0	8°33	15°34	9°16	3°34	24° 0	21°56	4°52	5°41	1°35	15°43	S 9
M10	7 16 3	19° 5'36	28°49	8°33	2°55	9°18	15°D34	9°14	3°32	24° 0	21°56	4°50	5°38	1°41	15°46	M10
T 11	7 20 0	20° 6'46	11♂14	7°39	3°49	10° 4	15°34	9°12	3°30	23°59	21°55	4°48	5°35	1°48	15°48	T 11
W12	7 23 56	21° 7'55	23°28	6°55	4°45	10°49	15°34	9° 9	3°29	23°58	21°54	4°47	5°32	1°55	15°51	W12
T 13	7 27 53	22° 9'05	5♂32	6°21	5°41	11°34	15°34	9° 7	3°27	23°57	21°54	4°D46	5°29	2° 1	15°53	T 13
F 14	7 31 49	23°10'14	17°28	5°57	6°37	12°19	15°35	9° 5	3°25	23°57	21°53	4°47	5°25	2° 8	15°56	F 14
S 15	7 35 46	24°11'23	29°18	5°42	7°35	13° 5	15°36	9° 2	3°23	23°56	21°53	4°48	5°22	2°15	15°59	S 15
S 16	7 39 43	25°12'32	11♂ 6	5°D37	8°32	13°50	15°37	8°59	3°21	23°55	21°52	4°49	5°19	2°21	16° 1	S 16
M17	7 43 39	26°13'39	22°54	5°40	9°30	14°36	15°38	8°56	3°19	23°55	21°51	4°50	5°16	2°28	16° 4	M17
T 18	7 47 36	27°14'47	4♂47	5°52	10°29	15°21	15°40	8°53	3°18	23°54	21°50	4°51	5°13	2°35	16° 7	T 18
W19	7 51 32	28°15'53	16°49	6°11	11°28	16° 7	15°42	8°50	3°16	23°54	21°50	4°51	5°10	2°41	16°10	W19
T 20	7 55 29	29°16'59	2° 4	6°36	12°28	16°52	15°43	8°47	3°14	23°53	21°49	4°R51	5° 6	2°48	16°13	T 20
F 21	7 59 25	0♂18'05	11♂38	7° 8	13°28	17°38	15°46	8°44	3°12	23°53	21°48	4°51	5° 3	2°55	16°15	F 21
S 22	8 3 22	1°19'09	24°34	7°46	14°28	18°24	15°48	8°41	3° 9	23°52	21°47	4°51	5° 0	3° 1	16°18	S 22
S 23	8 7 18	2°20'13	7♂55	8°28	15°29	19° 9	15°50	8°37	3° 7	23°52	21°46	4°50	4°57	3° 8	16°21	S 23
M24	8 11 15	3°21'16	21°43	9°15	16°30	19°55	15°53	8°34	3° 5	23°51	21°45	4°50	4°54	3°15	16°24	M24
T 25	8 15 12	4°22'18	5♂58	10° 6	17°32	20°41	15°56	8°31	3° 3	23°51	21°44	4°D50	4°50	3°21	16°27	T 25
W26	8 19 8	5°23'19	20°36	11° 0	18°34	21°27	15°59	8°27	3° 1	23°51	21°43	4°50	4°47	3°28	16°30	W26
T 27	8 23 5	6°24'20	5♂32	11°58	19°36	22°13	16° 3	8°23	2°59	23°50	21°42	4°R50	4°44	3°35	16°34	T 27
F 28	8 27 1	7°25'20	20°38	12°59	20°39	22°59	16° 6	8°20	2°56	23°50	21°41	4°50	4°41	3°41	16°37	F 28
S 29	8 30 58	8°26'19	5♂44	14° 3	21°42	23°44	16°10	8°16	2°54	23°50	21°40	4°50	4°38	3°48	16°40	S 29
S 30	8 34 54	9°27'17	20°41	15° 9	22°45	24°30	16°14	8°12	2°52	23°50	21°39	4°49	4°35	3°55	16°43	S 30
M31	8 38 51	10♂28'15	5♂23	16♂17	23♂49	25♂16	16♂18	8♂ 8	2♂49	23♂50	21♂38	4♂49	4♂31	4♂ 1	16♂46	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	23s 3	10n45	1s57	20s39	1n21	15s25	3n44	24s 3	0s40	15n28	1s 6	9n32	1n39	10n51	0n47	17n 5
S 2	22 58	4 27	3 7	20 29	1 40	15 34	3 46	24 2	0 40	15 28	1 6	9 32	1 39	10 51	0 47	17 5
M 3	22 53	1s59	4 4	20 19	1 59	15 44	3 48	24 2	0 41	15 28	1 5	9 33	1 39	10 52	0 47	17 4
T 4	22 47	8 12	4 45	20 11	2 16	15 54	3 49	24 1	0 41	15 28	1 5	9 34	1 40	10 52	0 47	17 4
W 5	22 41	13 54	5 9	20 5	2 32	16 4	3 50	24 0	0 42	15 28	1 5	9 35	1 40	10 53	0 47	17 4
T 6	22 34	18 48	5 15	20 0	2 46	16 14	3 51	23 58	0 42	15 28	1 4	9 36	1 40	10 54	0 47	17 4
F 7	22 27	22 42	5 4	19 56	2 57	16 24	3 51	23 56	0 43	15 28	1 4	9 37	1 40	10 54	0 47	17 4
S 8	22 20	25 21	4 38	19 53	3 6	16 35	3 52	23 54	0 43	15 28	1 4	9 37	1 41	10 55	0 47	17 4
S 9	22 12	26 38	3 57	19 52	3 12	16 45	3 52	23 52	0 44	15 28	1 3	9 38	1 41	10 55	0 47	17 3
M10	22 3	26 31	3 6	19 53	3 16	16 55	3 52	23 49	0 44	15 28	1 3	9 39	1 41	10 56	0 47	17 3
T 11	21 54	25 3	2 7	19 55	3 17	17 6	3 52	23 47	0 45	15 29	1 3	9 41	1 41	10 57	0 47	17 3
W12	21 45	22 24	1 2	19 58	3 17	17 16	3 51	23 44	0 45	15 29	1 3	9 42	1 41	10 57	0 47	17 3
T 13	21 36	18 48	0n 4	20 2	3 14	17 26	3 51	23 40	0 46	15 29	1 2	9 43	1 42	10 58	0 47	17 3
F 14	21 26	14 29	1 10	20 7	3 10	17 36	3 50	23 37	0 46	15 30	1 2	9 44	1 42	10 59	0 47	17 3
S 15	21 15	9 39	2 12	20 13	3 5	17 47	3 49	23 33	0 47	15 30	1 2	9 45	1 42	10 59	0 47	17 3
S 16	21 4	4 29	3 8	20 20	2 58	17 57	3 48	23 29	0 47	15 31	1 1	9 46	1 42	11 0	0 47	17 2
M17	20 53	0n49	3 57	20 27	2 50	18 6	3 47	23 24	0 48	15 32	1 1	9 48	1 43	11 1	0 47	17 2
T 18	20 41	6 7	4 35	20 35	2 42	18 16	3 46	23 20	0 48	15 32	1 1	9 49	1 43	11 1	0 47	17 2
W19	20 29	11 15	5 2	20 43	2 33	18 26	3 44	23 15	0 49	15 33	1 1	9 50	1 43	11 2	0 47	17 2
T 20	20 17	16 3	5 16	20 51	2 24	18 35	3 43	23 10	0 49	15 34	1 0	9 52	1 43	11 3	0 47	17 2
F 21	20 4	20 18	5 16	20 59	2 14	18 44	3 41	23 4	0 50	15 35	1 0	9 53	1 43	11 4	0 47	17 2
S 22	19 51	23 43	4 59	21 7	2 5	18 53	3 39	22 59	0 50	15 36	1 0	9 54	1 44	11 4	0 47	17 2
S 23	19 37	25 59	4 27	21 14	1 55	19 2	3 37	22 53	0 51	15 37	0 59	9 56	1 44	11 5	0 47	17 2
M24	19 23	26 46	3 38	21 21	1 45	19 10	3 35	22 47	0 51	15 38	0 59	9 57	1 44	11 6	0 47	17 2
T 25	19 9	25 50	2 34	21 28	1 34	19 18	3 33	22 40	0 52	15 39	0 59	9 59	1 44	11 7	0 47	17 2
W26	18 54	23 8	1 18	21 33	1 24	19 26	3 30	22 34	0 52	15 40	0 59	10 0	1 44	11 8	0 48	17 2
T 27	18 39	18 48	0s 4	21 38	1 14	19 33	3 28	22 27	0 53	15 41	0 58	10 2	1 45	11 8	0 48	17 2
F 28	18 24	13 14	1 27	21 43	1 4	19 41	3 25	22 20	0 53	15 43	0 58	10 4	1 45	11 9	0 48	17 2
S 29	18 8	6 52	2 43	21 46	0 55	19 47	3 22	22 12	0 53	15 44	0 58	10 5	1 45	11 10	0 48	17 2
S 30	17 52	0 11	3 48	21 49	0 45	19 54	3 19	22 5	0 54	15 45	0 57	10 7	1 45	11 11	0 48	17 2
M31	17s36	6s22	4s37	21s50	0n35	20s 0	3n16	21s57	0s54	15n47	0s57	10n 8	1n45	11n12	0n48	17n 2

Julian Day Number = 2529706.5, Delta T = 177.33 sec
Ecliptic obliquity = 23°24'46, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°43'51, Lahiri = 26°50'52

ASTRODIENST EPHEMERIS for the year 2214

geocentric

FEBRUARY 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 47	11 ²⁹ 12	19 ²⁴ 44	17 ²³ 27	24 ²⁷ 53	26 ²⁸ 2	16 ²⁸ 22	8°R 4	2°R47	23°R50	21°R37	4°R48	4 ²⁸ 28	4 ¹⁸ 8	16 ¹⁸ 50	T 1
W 2	8 46 44	12°30'09	3 ¹⁴ 41	18°39	25°57	26°48	16°26	8 ¹⁰ 0	2 ¹⁰ 45	23°R50	21 ¹⁰ 36	4 ²⁸ 48	4°25	4°14	16°53	W 2
T 3	8 50 41	13°31'05	17°15	19°53	27°1	27°35	16°31	7°56	2°42	23°D49	21°35	4°D48	4°22	4°21	16°56	T 3
F 4	8 54 37	14°32'00	0 ²⁷ 26	21°9	28°6	28°21	16°36	7°51	2°40	23°49	21°34	4°48	4°19	4°28	17°0	F 4
S 5	8 58 34	15°32'55	13°16	22°26	29°11	29°7	16°41	7°47	2°37	23°50	21°32	4°49	4°16	4°34	17°3	S 5
S 6	9 2 30	16°33'49	25°50	23°45	0 ²³ 16	29°53	16°46	7°43	2°35	23°50	21°31	4°50	4°12	4°41	17°6	S 6
M 7	9 6 27	17°34'42	8 ²³ 10	25°4	1°22	0 ²³ 39	16°51	7°39	2°32	23°50	21°30	4°51	4°9	4°48	17°10	M 7
T 8	9 10 23	18°35'34	20°19	26°25	2°28	1°25	16°57	7°34	2°30	23°50	21°29	4°52	4°6	4°54	17°13	T 8
W 9	9 14 20	19°36'25	2 ²² 19	27°48	3°34	2°12	17°3	7°30	2°27	23°50	21°27	4°R53	4°3	5°1	17°17	W 9
T 10	9 18 16	20°37'16	14°14	29°11	4°40	2°58	17°9	7°25	2°25	23°50	21°26	4°52	4°0	5°8	17°20	T 10
F 11	9 22 13	21°38'04	26°4	0 ²³ 35	5°46	3°44	17°15	7°21	2°22	23°51	21°25	4°51	3°56	5°14	17°24	F 11
S 12	9 26 10	22°38'52	7 ¹⁸ 53	2°1	6°53	4°31	17°21	7°16	2°19	23°51	21°23	4°49	3°53	5°21	17°27	S 12
S 13	9 30 6	23°39'38	19°42	3°27	7°59	5°17	17°27	7°11	2°17	23°51	21°22	4°46	3°50	5°28	17°31	S 13
M14	9 34 3	24°40'23	1 ¹⁷ 33	4°54	9°6	6°4	17°34	7°7	2°14	23°51	21°21	4°43	3°47	5°34	17°34	M14
T 15	9 37 59	25°41'07	13°29	6°23	10°13	6°50	17°40	7°2	2°12	23°52	21°19	4°39	3°44	5°41	17°38	T 15
W16	9 41 56	26°41'48	25°33	7°52	11°21	7°36	17°47	6°57	2°9	23°52	21°18	4°36	3°41	5°48	17°42	W16
T 17	9 45 52	27°42'29	7 ¹⁸ 48	9°22	12°28	8°23	17°54	6°53	2°6	23°53	21°17	4°34	3°37	5°54	17°45	T 17
F 18	9 49 49	28°43'08	20°18	10°53	13°36	9°9	18°1	6°48	2°4	23°53	21°15	4°32	3°34	6°1	17°49	F 18
S 19	9 53 45	29°43'45	3 ¹¹ 7	12°25	14°44	9°56	18°9	6°43	2°1	23°54	21°14	4°D32	3°31	6°8	17°53	S 19
S 20	9 57 42	0 ¹⁸ 44'20	16°18	13°58	15°52	10°43	18°16	6°38	1°59	23°54	21°12	4°33	3°28	6°14	17°56	S 20
M21	10 1 39	1°44'54	29°55	15°32	17°0	11°29	18°24	6°33	1°56	23°55	21°11	4°34	3°25	6°21	18°0	M21
T 22	10 5 35	2°45'26	13 ²³ 59	17°6	18°8	12°16	18°32	6°29	1°53	23°56	21°9	4°36	3°22	6°28	18°4	T 22
W23	10 9 32	3°45'56	28°30	18°42	19°16	13°2	18°40	6°24	1°51	23°56	21°8	4°R37	3°18	6°34	18°7	W23
T 24	10 13 28	4°46'25	13 ²³ 23	20°18	20°25	13°49	18°48	6°19	1°48	23°57	21°6	4°37	3°15	6°41	18°11	T 24
F 25	10 17 25	5°46'51	28°33	21°55	21°33	14°36	18°56	6°14	1°45	23°58	21°5	4°35	3°12	6°48	18°15	F 25
S 26	10 21 21	6°47'16	13 ¹⁰ 50	23°34	22°42	15°22	19°4	6°9	1°43	23°58	21°3	4°32	3°9	6°54	18°19	S 26
S 27	10 25 18	7°47'40	29°4	25°13	23°51	16°9	19°13	6°4	1°40	23°59	21°2	4°27	3°6	7°1	18°22	S 27
M28	10 29 14	8 ¹⁸ 48'01	14 ²⁵ 5	26 ²⁸ 53	25 ²⁸ 0	16 ²⁸ 56	19 ²⁸ 21	6 ¹⁰ 0	1 ¹⁰ 38	24 ²⁸ 0	21 ¹⁰ 0	4 ²⁸ 22	3 ²⁸ 2	7 ¹⁸ 8	18 ¹⁸ 26	M28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
T 1	17s19	12s26	5s 7	21s51	0n26	20s 6	3n13	21s49	0s55	15n48	0s57	10n10	1n46	11n13	0n48	17n 2
W 2	17 2 17 42	5 18 21 50	0 17 20 11	3 10 21 40	0 55 15 50	0 57 10 12	1 46 11 14	0 48 17 2	1 44 16 58	14 53 19 3	19 8 7 33	0 59 4 32				
T 3	16 45 21 55	5 10 21 49	0 8 20 16	3 7 21 32	0 56 15 51	0 56 10 13	1 46 11 14	0 48 17 2	1 44 16 59	14 53 19 3	19 9 7 30	0 58 4 32				
F 4	16 27 24 53	4 47 21 46	0s 1 20 20	3 4 21 23	0 56 15 53	0 56 10 15	1 46 11 15	0 48 17 2	1 44 16 59	14 54 19 3	19 10 7 27	0 57 4 32				
S 5	16 9 26 29	4 9 21 42	0 9 20 24	3 0 21 14	0 56 15 55	0 56 10 17	1 46 11 16	0 48 17 2	1 43 17 0	14 54 19 2	19 10 7 24	0 56 4 32				
S 6	15 51 26 41	3 20 21 37	0 18 20 28	2 57 21 5	0 57 15 56	0 56 10 19	1 46 11 17	0 48 17 2	1 43 17 1	14 54 19 2	19 11 7 21	0 55 4 32				
M 7	15 33 25 32	2 23 21 31	0 26 20 31	2 54 20 55	0 57 15 58	0 55 10 20	1 46 11 18	0 48 17 2	1 43 17 2	14 55 19 2	19 12 7 18	0 54 4 31				
T 8	15 14 23 12	1 20 21 23	0 33 20 33	2 50 20 45	0 58 16 0	0 55 10 22	1 47 11 19	0 48 17 3	1 43 17 3	14 55 19 2	19 13 7 14	0 53 4 31				
W 9	14 55 19 51	0 14 21 15	0 41 20 36	2 46 20 35	0 58 16 2	0 55 10 24	1 47 11 20	0 48 17 3	1 43 17 3	14 55 19 1	19 13 7 11	0 51 4 31				
T 10	14 36 15 43	0n52 21 5	0 48 20 37	2 43 20 25	0 58 16 4	0 54 10 26	1 47 11 21	0 48 17 3	1 43 17 4	14 56 19 2	19 14 7 8	0 50 4 31				
F 11	14 17 11 1	1 55 20 54	0 55 20 38	2 39 20 15	0 59 16 6	0 54 10 28	1 47 11 22	0 48 17 3	1 43 17 5	14 56 19 2	19 15 7 5	0 49 4 31				
S 12	13 57 5 56	2 53 20 42	1 2 20 39	2 35 20 4	0 59 16 8	0 54 10 29	1 47 11 23	0 48 17 3	1 43 17 6	14 56 19 2	19 16 7 2	0 48 4 31				
S 13	13 37 0 39	3 43 20 28	1 8 20 39	2 31 19 53	1 0 16 10	0 54 10 31	1 47 11 24	0 48 17 3	1 43 17 7	14 56 19 3	19 16 6 59	0 47 4 30				
M14	13 17 4n39	4 24 20 13	1 14 20 39	2 27 19 42	1 0 16 12	0 53 10 33	1 47 11 25	0 48 17 3	1 43 17 7	14 57 19 4	19 17 6 56	0 45 4 30				
T 15	12 57 9 49	4 54 19 57	1 20 20 38	2 23 19 31	1 0 16 14	0 53 10 35	1 48 11 26	0 48 17 3	1 43 17 8	14 57 19 5	19 18 6 53	0 44 4 30				
W16	12 36 14 41	5 11 19 40	1 26 20 37	2 19 19 20	1 1 16 16	0 53 10 37	1 48 11 27	0 48 17 4	1 43 17 9	14 57 19 5	19 19 6 49	0 43 4 30				
T 17	12 15 19 3	5 14 19 21	1 31 20 35	2 15 19 8	1 1 16 18	0 53 10 39	1 48 11 27	0 48 17 4	1 43 17 10	14 58 19 6	19 19 6 46	0 42 4 30				
F 18	11 54 22 40	5 3 19 1	1 36 20 32	2 11 18 56	1 1 16 21	0 52 10 41	1 48 11 28	0 48 17 4	1 43 17 11	14 58 19 6	19 20 6 43	0 40 4 30				
S 19	11 33 25 17	4 37 18 40	1 41 20 30	2 7 18 44	1 2 16 23	0 52 10 43	1 48 11 29	0 48 17 4	1 43 17 11	14 58 19 6	19 21 6 40	0 39 4 30				
S 20	11 12 26 36	3 55 18 18	1 45 20 26	2 3 18 32	1 2 16 25	0 52 10 44	1 48 11 30	0 48 17 4	1 43 17 12	14 58 19 6	19 22 6 37	0 38 4 29				
M21	10 50 26 24	2 59 17 54	1 49 20 22	1 59 18 19	1 2 16 27	0 52 10 46	1 48 11 31	0 48 17 5	1 42 17 13	14 59 19 6	19 22 6 34	0 36 4 29				
T 22	10 29 24 31	1 51 17 29	1 53 20 17	1 55 18 6	1 3 16 30	0 51 10 48	1 48 11 32	0 48 17 5	1 42 17 14	14 59 19 5	19 23 6 31	0 35 4 29				
W23	10 7 20 59	0 34 17 3	1 56 20 12	1 51 17 53	1 3 16 32	0 51 10 50	1 48 11 33	0 48 17 5	1 42 17 15	14 59 19 5	19 24 6 28	0 34 4 29				
T 24	9 45 16 1	0s48 16 35	1 59 20 7	1 46 17 40	1 3 16 35	0 51 10 52	1 49 11 34	0 48 17 5	1 42 17 15	14 59 19 5	19 24 6 24	0 32 4 29				
F 25	9 23 9 58	2 7 16 6	2 1 20 0	1 42 17 27	1 4 16 37	0 51 10 54	1 49 11 35	0 48 17 5	1 42 17 16	14 59 19 6	19 25 6 21	0 31 4 29				
S 26	9 1 3 18	3 18 15 36	2 4 19 54	1 38 17 14	1 4 16 40	0 50 10 56	1 49 11 36	0 48 17 6	1 42 17 17	15 0 19 6	19 26 6 18	0 30 4 29				
S 27	8 38 3s32	4 15 15 4	2 6 19 46	1 34 17 0	1 4 16 42	0 50 10 58	1 49 11 37	0 48 17 6	1 42 17 18	15 0 19 8	19 27 6 15	0 28 4 29				
M28	8s16 10s 2	4s53 14s32	2s 7 19s38	1n29 16s46	1s 5 16n45	0s50 10n59	1n49 11n38	0n48 17n 6	1s42 17n19	15n 0 19s 9	19s27 6s12	0s27 4n28				

Julian Day Number = 2529737.5, Delta T = 177.42 sec
 Ecliptic obliquity = 23°24'46, Nutation = 0°00'15, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 27°43'56, Lahiri = 26°50'56

ASTRODIENST EPHEMERIS for the year 2214
geocentric

MARCH 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 33 11	9°48'22	28°44	28°34	26°9	17°42	19°30	5°R55	1°R35	24°8	1	20°R59	4°R17	2°59	7°14	18°30	T 1
W 2	10 37 8	10°48'41	12°56	0°16	27°18	18°29	19°39	5°50	1°32	24°2	2	20°57	4°13	2°56	7°21	18°34	W 2
T 3	10 41 4	11°48'59	26°39	2°0	28°28	19°16	19°48	5°45	1°30	24°3	3	20°55	4°10	2°53	7°28	18°37	T 3
F 4	10 45 1	12°49'15	9°54	3°44	29°37	20°3	19°57	5°40	1°27	24°4	4	20°54	4°D 9	2°50	7°35	18°41	F 4
S 5	10 48 57	13°49'30	22°43	5°29	0°47	20°49	20°7	5°36	1°25	24°5	5	20°52	4°9	2°47	7°41	18°45	S 5
S 6	10 52 54	14°49'43	5°12	7°15	1°57	21°36	20°16	5°31	1°22	24°6	6	20°51	4°11	2°43	7°48	18°49	S 6
M 7	10 56 50	15°49'55	17°24	9°3	3°6	22°23	20°26	5°26	1°20	24°7	7	20°49	4°12	2°40	7°55	18°53	M 7
T 8	11 0 47	16°50'06	29°24	10°51	4°16	23°10	20°35	5°21	1°17	24°8	8	20°48	4°R13	2°37	8°1	18°57	T 8
W 9	11 4 43	17°50'14	11°16	12°40	5°26	23°57	20°45	5°17	1°15	24°9	9	20°46	4°13	2°34	8°8	19°0	W 9
T 10	11 8 40	18°50'21	23°5	14°31	6°36	24°44	20°55	5°12	1°12	24°10	10	20°44	4°11	2°31	8°15	19°4	T 10
F 11	11 12 37	19°50'26	4°52	16°22	7°46	25°30	21°5	5°7	1°10	24°11	11	20°43	4°7	2°28	8°21	19°8	F 11
S 12	11 16 33	20°50'30	16°41	18°15	8°57	26°17	21°15	5°3	1°7	24°12	12	20°41	4°1	2°24	8°28	19°12	S 12
S 13	11 20 30	21°50'31	28°34	20°8	10°7	27°4	21°25	4°58	1°5	24°14	13	20°40	3°52	2°21	8°35	19°16	S 13
M14	11 24 26	22°50'31	10°31	22°3	11°17	27°51	21°36	4°54	1°2	24°15	14	20°38	3°43	2°18	8°41	19°19	M14
T 15	11 28 23	23°50'29	22°35	23°59	12°28	28°38	21°46	4°49	1°0	24°16	15	20°36	3°33	2°15	8°48	19°23	T 15
W16	11 32 19	24°50'24	4°47	25°55	13°38	29°25	21°57	4°45	0°58	24°17	16	20°35	3°23	2°12	8°55	19°27	W16
T 17	11 36 16	25°50'18	17°9	27°52	14°49	0°12	22°7	4°41	0°55	24°19	17	20°33	3°16	2°8	9°1	19°31	T 17
F 18	11 40 12	26°50'10	29°43	29°50	16°0	0°59	22°18	4°36	0°53	24°20	18	20°32	3°10	2°5	9°8	19°35	F 18
S 19	11 44 9	27°49'59	12°32	1°49	17°10	1°46	22°29	4°32	0°51	24°22	19	20°30	3°6	2°2	9°15	19°38	S 19
S 20	11 48 6	28°49'46	25°38	3°48	18°21	2°33	22°40	4°28	0°49	24°23	20	20°28	3°D 5	1°59	9°21	19°42	S 20
M21	11 52 2	29°49'31	9°6	5°47	19°32	3°20	22°51	4°24	0°46	24°24	21	20°27	3°5	1°56	9°28	19°46	M21
T 22	11 55 59	0°49'14	22°56	7°47	20°43	4°6	23°2	4°20	0°44	24°26	22	20°25	3°6	1°53	9°35	19°50	T 22
W23	11 59 55	1°48'54	7°11	9°46	21°54	4°53	23°13	4°16	0°42	24°27	23	20°24	3°R 6	1°49	9°41	19°54	W23
T 24	12 3 52	2°48'32	21°48	11°45	23°5	5°40	23°25	4°12	0°40	24°29	24	20°22	3°5	1°46	9°48	19°57	T 24
F 25	12 7 48	3°48'08	6°45	13°44	24°16	6°27	23°36	4°8	0°38	24°31	25	20°21	3°1	1°43	9°55	20°1	F 25
S 26	12 11 45	4°47'42	21°54	15°41	25°27	7°14	23°48	4°4	0°36	24°32	26	20°19	2°55	1°40	10°1	20°5	S 26
S 27	12 15 41	5°47'13	7°6	17°37	26°38	8°1	23°59	4°0	0°34	24°34	27	20°18	2°46	1°37	10°8	20°8	S 27
M28	12 19 38	6°46'43	22°10	19°31	27°49	8°48	24°11	3°56	0°32	24°35	28	20°16	2°37	1°33	10°15	20°12	M28
T 29	12 23 34	7°46'10	6°16	21°23	29°0	9°35	24°23	3°53	0°30	24°37	29	20°14	2°27	1°30	10°21	20°16	T 29
W30	12 27 31	8°45'36	21°17	23°13	0°12	10°22	24°34	3°49	0°28	24°39	30	20°13	2°18	1°27	10°28	20°19	W30
T 31	12 31 28	9°45'00	5°9	24°59	1°23	11°11	24°46	3°46	0°26	24°40	31	20°11	2°11	1°24	10°35	20°23	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	7s53	15s50	5s10	13s57	2s 8	19s30	1n25	16s32	1s 5	16n47	0s50	11n 1	1n49	11n39	0n48	17n 6	1s42
W 2	7 30	20 36	5 8	13 22	2 9	19 21	1 21	16 18	1 5	16 50	0 50	11 3	1 49	11 40	0 48	17 7	1 42
T 3	7 7	24 3	4 48	12 46	2 9	19 12	1 17	16 4	1 5	16 53	0 49	11 5	1 49	11 41	0 48	17 7	1 42
F 4	6 44	26 5	4 13	12 8	2 9	19 2	1 12	15 49	1 6	16 55	0 49	11 7	1 49	11 41	0 48	17 7	1 42
S 5	6 21	26 39	3 27	11 28	2 8	18 51	1 8	15 35	1 6	16 58	0 49	11 9	1 49	11 42	0 48	17 8	1 42
S 6	5 58	25 50	2 31	10 48	2 7	18 40	1 4	15 20	1 6	17 1	0 49	11 10	1 49	11 43	0 48	17 8	1 42
M 7	5 35	23 47	1 30	10 6	2 5	18 28	1 0	15 5	1 7	17 3	0 48	11 12	1 49	11 44	0 48	17 8	1 42
T 8	5 12	20 41	0 26	9 23	2 3	18 16	0 56	14 50	1 7	17 6	0 48	11 14	1 49	11 45	0 48	17 9	1 42
W 9	4 48	16 46	0n38	8 39	2 1	18 3	0 51	14 35	1 7	17 9	0 48	11 16	1 49	11 46	0 48	17 9	1 42
T 10	4 25	12 14	1 40	7 54	1 58	17 50	0 47	14 19	1 7	17 12	0 48	11 17	1 49	11 47	0 48	17 9	1 41
F 11	4 1	7 16	2 38	7 7	1 54	17 37	0 43	14 4	1 8	17 15	0 48	11 19	1 49	11 48	0 48	17 10	1 41
S 12	3 38	2 2	3 29	6 20	1 50	17 22	0 39	13 48	1 8	17 17	0 47	11 21	1 49	11 49	0 48	17 10	1 41
S 13	3 14	3n16	4 11	5 31	1 45	17 8	0 35	13 32	1 8	17 20	0 47	11 22	1 49	11 49	0 48	17 10	1 41
M14	2 50	8 29	4 42	4 41	1 40	16 53	0 31	13 16	1 8	17 23	0 47	11 24	1 49	11 50	0 48	17 11	1 41
T 15	2 27	13 26	5 1	3 50	1 35	16 37	0 27	13 0	1 8	17 26	0 47	11 26	1 49	11 51	0 48	17 11	1 41
W16	2 3	17 54	5 6	2 58	1 28	16 21	0 23	12 44	1 9	17 29	0 46	11 27	1 49	11 52	0 48	17 11	1 41
T 17	1 39	21 41	4 57	2 6	1 22	16 4	0 19	12 28	1 9	17 32	0 46	11 29	1 49	11 53	0 48	17 12	1 41
F 18	1 15	24 32	4 34	1 12	1 14	15 47	0 15	12 11	1 9	17 35	0 46	11 31	1 49	11 53	0 48	17 12	1 41
S 19	0 52	26 12	3 57	0 18	1 6	15 30	0 11	11 55	1 9	17 38	0 46	11 32	1 49	11 54	0 48	17 12	1 41
S 20	0 28	26 27	3 7	0n37	0 58	15 12	0 7	11 38	1 9	17 41	0 46	11 34	1 49	11 55	0 48	17 13	1 41
M21	0 4	25 11	2 5	1 33	0 49	14 53	0 4	11 21	1 9	17 44	0 46	11 35	1 49	11 56	0 48	17 13	1 41
T 22	0n20	22 21	0 54	2 29	0 39	14 35	0s 0	11 4	1 10	17 47	0 45	11 37	1 49	11 57	0 48	17 14	1 41
W23	0 43	18 6	0s22	3 25	0 29	14 15	0 4	10 47	1 10	17 50	0 45	11 38	1 49	11 57	0 48	17 14	1 41
T 24	1 7	12 40	1 38	4 21	0 19	13 56	0 8	10 30	1 10	17 53	0 45	11 40	1 49	11 58	0 48	17 14	1 41
F 25	1 31	6 24	2 50	5 17	0 8	13 36	0 11	10 13	1 10	17 56	0 45	11 41	1 49	11 59	0 48	17 15	1 41
S 26	1 54	0s19	3 50	6 13	0n 3	13 15	0 15	9 56	1 10	17 59	0 45	11 42	1 49	11 59	0 48	17 15	1 41
S 27	2 18	7 0	4 34	7 8	0 15	12 55	0 18	9 38	1 10	18 2	0 45	11 44	1 49	12 0	0 48	17 16	1 41
M28	2 41	13 14	4 58	8 2	0 26	12 33	0 22	9 21	1 10	18 5	0 44	11 45	1 49	12 1	0 47	17 16	1 41
T 29	3 5	18 34	5 2	8 56	0 38	12 12	0 25	9 3	1 10	18 8	0 44	11 46	1 49	12 1	0 47	17 17	1 41
W30	3 28	22 41	4 47	9 48	0 51	11 50	0 28	8 46	1 11	18 11	0 44	11 47	1 49	12 2	0 47	17 17	1 40
T 31	3n52	25s19	4s15	10n38	1n 3	11s28	0s32	8s28	1s11	18n14	0s44	11n49	1n49	12n 3	0n47	17n18	1s40

Julian Day Number = 2529765.5, Delta T = 177.50 sec
Ecliptic obliquity = 23°24'47", Nutation = 0°00'15", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°44'00", Lahiri = 26°51'00"

ASTRODIENST EPHEMERIS for the year 2214

geocentric

APRIL 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 35 24	10°44'23	18°32	26°42	2°35	11°56	24°58	3°R42	0°R24	24°42	20°R10	2°R 7	1°21	10°41	20°27	F 1
S 2	12 39 21	11°43'43	1°26	28°22	3°46	12°42	25°10	3°39	0°22	24°44	20°9	2°4	1°18	10°48	20°30	S 2
S 3	12 43 17	12°43'02	13°57	29°57	4°58	13°29	25°23	3°36	0°21	24°46	20°7	2°D 4	1°14	10°55	20°34	S 3
M 4	12 47 14	13°42'19	26°9	1°27	6°9	14°16	25°35	3°33	0°19	24°47	20°6	2°R 4	1°11	11°1	20°38	M 4
T 5	12 51 10	14°41'34	8°8	2°52	7°21	15°3	25°47	3°30	0°17	24°49	20°4	2°4	1°8	11°8	20°41	T 5
W 6	12 55 7	15°40'48	19°58	4°12	8°32	15°50	25°59	3°27	0°16	24°51	20°3	2°3	1°5	11°15	20°45	W 6
T 7	12 59 3	16°39'59	1°45	5°27	9°44	16°37	26°12	3°24	0°14	24°53	20°1	1°59	1°2	11°21	20°48	T 7
F 8	13 3 0	17°39'09	13°33	6°36	10°56	17°24	26°24	3°21	0°13	24°55	20°0	1°53	0°59	11°28	20°52	F 8
S 9	13 6 57	18°38'17	25°25	7°39	12°8	18°11	26°37	3°18	0°11	24°57	19°59	1°43	0°55	11°35	20°55	S 9
S 10	13 10 53	19°37'23	7°24	8°35	13°19	18°57	26°50	3°16	0°10	24°58	19°57	1°31	0°52	11°41	20°59	S 10
M 11	13 14 50	20°36'27	19°30	9°25	14°31	19°44	27°2	3°13	0°8	25°0	19°56	1°18	0°49	11°48	21°2	M 11
T 12	13 18 46	21°35'29	1°46	10°9	15°43	20°31	27°15	3°11	0°7	25°2	19°55	1°4	0°46	11°55	21°5	T 12
W 13	13 22 43	22°34'29	14°12	10°46	16°55	21°18	27°28	3°9	0°6	25°4	19°53	0°51	0°43	12°1	21°9	W 13
T 14	13 26 39	23°33'27	26°48	11°16	18°7	22°5	27°41	3°6	0°4	25°6	19°52	0°40	0°39	12°8	21°12	T 14
F 15	13 30 36	24°32'22	9°35	11°40	19°19	22°51	27°54	3°4	0°3	25°8	19°51	0°31	0°36	12°15	21°16	F 15
S 16	13 34 32	25°31'16	22°33	11°57	20°31	23°38	28°7	3°2	0°2	25°10	19°50	0°25	0°33	12°22	21°19	S 16
S 17	13 38 29	26°30'07	5°45	12°8	21°43	24°25	28°20	3°0	0°1	25°12	19°48	0°22	0°30	12°28	21°22	S 17
M 18	13 42 26	27°28'56	19°13	12°R12	22°55	25°12	28°33	2°59	29°59	25°14	19°47	0°21	0°27	12°35	21°25	M 18
T 19	13 46 22	28°27'43	2°57	12°10	24°7	25°58	28°46	2°57	29°59	25°16	19°46	0°21	0°24	12°42	21°29	T 19
W 20	13 50 19	29°26'28	16°59	12°1	25°19	26°45	28°59	2°55	29°58	25°18	19°45	0°20	0°20	12°48	21°32	W 20
T 21	13 54 15	0°25'10	1°19	11°47	26°31	27°32	29°12	2°54	29°57	25°21	19°44	0°18	0°17	12°55	21°35	T 21
F 22	13 58 12	1°23'50	15°56	11°28	27°43	28°18	29°25	2°52	29°56	25°23	19°43	0°14	0°14	13°2	21°38	F 22
S 23	14 2 8	2°22'28	0°44	11°4	28°55	29°5	29°39	2°51	29°55	25°25	19°41	0°6	0°11	13°8	21°41	S 23
S 24	14 6 5	3°21'03	15°37	10°35	0°Y 7	29°51	29°52	2°50	29°55	25°27	19°40	29°57	0°8	13°15	21°44	S 24
M 25	14 10 1	4°19'37	0°M 25	10°3	1°19	0°Y 38	0°II 6	2°49	29°54	25°29	19°39	29°45	0°5	13°22	21°47	M 25
T 26	14 13 58	5°18'09	15°2	9°27	2°31	1°24	0°19	2°48	29°53	25°31	19°38	29°34	0°1	13°28	21°50	T 26
W 27	14 17 55	6°16'39	29°19	8°49	3°44	2°11	0°32	2°47	29°53	25°33	19°37	29°23	29°58	13°35	21°53	W 27
T 28	14 21 51	7°15'07	13°10	8°9	4°56	2°57	0°46	2°46	29°52	25°35	19°36	29°15	29°55	13°42	21°56	T 28
F 29	14 25 48	8°13'34	26°35	7°29	6°8	3°44	1°0	2°45	29°51	25°38	19°35	29°9	29°52	13°48	21°59	F 29
S 30	14 29 44	9°11'59	9°33	6°48	7°Y 20	4°Y 30	1°II 13	2°45	29°51	25°40	19°34	29°6	29°49	13°55	22°2	S 30

Day	☉	☾		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n15	26s24	3s30	11n27	1n15	11s 5	0s35	8s10	1s11	18n17	0s44	11n50	1n49	12n 3	0n47	17n18	1s40	17n39	15n 1	19s40	19s50	4s31	0n19	4n27	
S 2	4 38	26 0	2 35	12 14	1 27	10 42	0 38	7 52	1 11	18 20	0 44	11 51	1 49	12 4	0 47	17 18	1 40	17 40	15 1	19 41	19 51	4 28	0 20	4 27	
S 3	5 1	24 15	1 35	12 58	1 38	10 19	0 41	7 34	1 11	18 23	0 43	11 52	1 49	12 5	0 47	17 19	1 40	17 40	15 1	19 41	19 52	4 25	0 22	4 27	
M 4	5 24	21 25	0 31	13 40	1 49	9 56	0 44	7 16	1 11	18 26	0 43	11 53	1 49	12 5	0 47	17 19	1 40	17 41	15 0	19 41	19 52	4 22	0 23	4 27	
T 5	5 47	17 42	0n32	14 20	2 0	9 32	0 47	6 58	1 11	18 29	0 43	11 54	1 49	12 6	0 47	17 20	1 40	17 41	15 0	19 41	19 53	4 19	0 25	4 27	
W 6	6 10	13 20	1 34	14 57	2 10	9 8	0 50	6 40	1 11	18 32	0 43	11 55	1 49	12 6	0 47	17 20	1 40	17 42	15 0	19 41	19 54	4 16	0 26	4 27	
T 7	6 33	8 30	2 31	15 32	2 20	8 43	0 53	6 22	1 11	18 35	0 43	11 56	1 49	12 7	0 47	17 21	1 40	17 42	15 0	19 42	19 54	4 13	0 28	4 28	
F 8	6 55	3 22	3 21	16 3	2 29	8 19	0 55	6 4	1 11	18 38	0 43	11 57	1 49	12 7	0 47	17 21	1 40	17 42	15 0	19 43	19 55	4 9	0 29	4 28	
S 9	7 18	1n54	4 3	16 31	2 37	7 54	0 58	5 46	1 11	18 41	0 42	11 58	1 49	12 8	0 47	17 22	1 40	17 43	15 0	19 45	19 56	4 6	0 30	4 28	
S 10	7 40	7 8	4 34	16 57	2 44	7 29	1 1	5 27	1 11	18 44	0 42	11 59	1 48	12 8	0 47	17 22	1 40	17 43	15 0	19 48	19 57	4 3	0 32	4 28	
M11	8 2	12 9	4 54	17 19	2 51	7 4	1 3	5 9	1 11	18 47	0 42	12 0	1 48	12 9	0 47	17 23	1 40	17 44	14 59	19 51	19 57	4 0	0 33	4 28	
T 12	8 24	16 46	5 0	17 38	2 56	6 38	1 6	4 51	1 11	18 50	0 42	12 1	1 48	12 9	0 47	17 23	1 40	17 44	14 59	19 54	19 58	3 57	0 35	4 28	
W13	8 46	20 44	4 52	17 53	3 0	6 12	1 8	4 32	1 11	18 54	0 42	12 1	1 48	12 10	0 47	17 24	1 40	17 44	14 59	19 57	19 59	3 54	0 36	4 28	
T 14	9 8	23 48	4 30	18 5	3 3	5 47	1 10	4 14	1 11	18 57	0 42	12 2	1 48	12 10	0 47	17 24	1 40	17 45	14 59	19 59	19 59	3 51	0 37	4 28	
F 15	9 30	25 43	3 54	18 14	3 5	5 20	1 13	3 55	1 11	19 0	0 42	12 3	1 48	12 10	0 47	17 25	1 40	17 45	14 59	20 1	20 0	3 48	0 39	4 28	
S 16	9 51	26 17	3 5	18 20	3 5	4 54	1 15	3 37	1 11	19 3	0 41	12 3	1 48	12 11	0 47	17 25	1 40	17 45	14 58	20 2	20 1	3 44	0 40	4 28	
S 17	10 13	25 23	2 6	18 22	3 4	4 28	1 17	3 18	1 11	19 6	0 41	12 4	1 48	12 11	0 47	17 26	1 40	17 45	14 58	20 3	20 1	3 41	0 41	4 28	
M18	10 34	23 0	0 59	18 21	3 2	4 1	1 19	3 0	1 11	19 9	0 41	12 5	1 48	12 12	0 47	17 26	1 40	17 46	14 58	20 3	20 2	3 38	0 43	4 28	
T 19	10 55	19 15	0s14	18 17	2 58	3 34	1 21	2 41	1 11	19 12	0 41	12 5	1 48	12 12	0 47	17 27	1 40	17 46	14 58	20 3	20 3	3 35	0 44	4 28	
W20	11 16	14 21	1 27	18 10	2 52	3 8	1 23	2 22	1 11	19 15	0 41	12 6	1 48	12 12	0 47	17 27	1 40	17 46	14 57	20 3	20 3	3 32	0 46	4 28	
T 21	11 36	8 34	2 36	17 59	2 46	2 41	1 24	2 4	1 11	19 18	0 41	12 6	1 48	12 12	0 47	17 28	1 40	17 46	14 57	20 4	20 4	3 29	0 47	4 29	
F 22	11 57	2 13	3 36	17 45	2 38	2 14	1 26	1 45	1 11	19 21	0 41	12 7	1 47	12 13	0 47	17 28	1 40	17 47	14 57	20 5	20 5	3 26	0 48	4 29	
S 23	12 17	4s18	4 22	17 28	2 28	1 46	1 28	1 27	1 10	19 24	0 40	12 7	1 47	12 13	0 47	17 29	1 40	17 47	14 57	20 6	20 5	3 22	0 49	4 29	
S 24	12 37	10 37	4 51	17 9	2 17	1 19	1 29	1 8	1 10	19 27	0 40	12 7	1 47	12 13	0 47	17 29	1 40	17 47	14 56	20 8	20 6	3 19	0 51	4 29	
M25	12 57	16 17	5 0	16 47	2 5	0 52	1 31	0 49	1 10	19 30	0 40	12 8	1 47	12 13	0 47	17 30	1 40	17 47	14 56	20 11	20 7	3 16	0 52	4 29	
T 26	13 16	20 56	4 50	16 23	1 52	0 24	1 32	0 31	1 10	19 32	0 40	12 8	1 47	12 14	0 47	17 30	1 40	17 47	14 56	20 13	20 7	3 13	0 53	4 29	
W27	13 36	24 13	4 21	15 57	1 37	0n 3	1 33	0 12	1 10	19 35	0 40	12 8	1 47	12 14	0 47	17 31	1 40	17 47	14 56	20 15	20 8	3 10	0 55	4 29	
T 28	13 55	25 57	3 37	15 30	1 22	0 31	1 35	0n 6	1 10	19 38	0 40	12 8	1 47	12 14	0 46	17 31	1 40	17 48	14 55	20 17	20 9	3 7	0 56	4 29	
F 29	14 14	26 5	2 43	15 2	1 6	0 58	1 36	0 25	1 10	19 41	0 40	12 8	1 47	12 14	0 46	17 32	1 39	17 48	14 55	20 18	20 9	3 4	0 57	4 29	
S 30	14n33	24s45	1s41	14n33	0n49	1n26	1s37	0n43	1s10	19n44	0s40	12n 8	1n47	12n14	0n46	17n33	1s39	17n48	14n55	20s19	20s10	3s 0	0n58	4n30	

ASTRODIENST EPHEMERIS for the year 2214

geocentric

MAY 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 33 41	10°8'10"22	22°3'7	6°R 8	8°Y33	5°Y17	1°II27	2°R44	29°R51	25°842	19°R34	29°R 4	29°345	14°K 2	22°K 5	S 1
M 2	14 37 37	11° 8'44	4°22	5°829	9°45	6° 3	1°40	2°M44	29°R50	25°44	19°M33	29°D 4	29°42	14° 8	22° 7	M 2
T 3	14 41 34	12° 7'04	16°23	4°51	10°57	6°49	1°54	2°44	29°50	25°46	19°32	29°R 4	29°39	14°15	22°10	T 3
W 4	14 45 30	13° 5'23	28°15	4°17	12°10	7°36	2° 8	2°43	29°50	25°48	19°31	29°3 3	29°36	14°22	22°13	W 4
T 5	14 49 27	14° 3'40	10°K 4	3°45	13°22	8°22	2°22	2°D43	29°50	25°51	19°30	29° 0	29°33	14°28	22°16	T 5
F 6	14 53 24	15° 1'55	21°55	3°17	14°34	9° 8	2°35	2°43	29°49	25°53	19°29	28°55	29°30	14°35	22°18	F 6
S 7	14 57 20	16° 0'09	3°Y51	2°53	15°47	9°55	2°49	2°44	29°49	25°55	19°29	28°47	29°26	14°42	22°21	S 7
S 8	15 1 17	16°58'22	15°55	2°33	16°59	10°41	3° 3	2°44	29°D49	25°57	19°28	28°37	29°23	14°49	22°23	S 8
M 9	15 5 13	17°56'33	28°12	2°17	18°12	11°27	3°17	2°44	29°49	26° 0	19°27	28°25	29°20	14°55	22°26	M 9
T 10	15 9 10	18°54'42	10°841	2° 6	19°24	12°13	3°31	2°45	29°50	26° 2	19°27	28°13	29°17	15° 2	22°28	T 10
W11	15 13 6	19°52'50	23°22	1°59	20°37	12°59	3°45	2°45	29°50	26° 4	19°26	28° 1	29°14	15° 9	22°31	W11
T 12	15 17 3	20°50'56	6°II17	1°D58	21°49	13°45	3°59	2°46	29°50	26° 6	19°25	27°51	29°10	15°15	22°33	T 12
F 13	15 20 59	21°49'01	19°24	2° 1	23° 2	14°31	4°12	2°47	29°50	26° 9	19°25	27°43	29° 7	15°22	22°35	F 13
S 14	15 24 56	22°47'03	2°342	2° 8	24°14	15°17	4°26	2°48	29°50	26°11	19°24	27°38	29° 4	15°29	22°38	S 14
S 15	15 28 53	23°45'04	16°10	2°20	25°27	16° 3	4°40	2°49	29°51	26°13	19°24	27°35	29° 1	15°35	22°40	S 15
M16	15 32 49	24°43'03	29°50	2°37	26°39	16°49	4°54	2°50	29°51	26°15	19°23	27°D35	28°58	15°42	22°42	M16
T 17	15 36 46	25°41'01	13°839	2°58	27°52	17°35	5° 8	2°51	29°52	26°18	19°23	27°35	28°55	15°49	22°44	T 17
W18	15 40 42	26°38'56	27°40	3°24	29° 4	18°21	5°22	2°52	29°52	26°20	19°23	27°R36	28°51	15°55	22°46	W18
T 19	15 44 39	27°36'50	11°M50	3°53	0°817	19° 7	5°36	2°54	29°53	26°22	19°22	27°35	28°48	16° 2	22°49	T 19
F 20	15 48 35	28°34'41	26°10	4°27	1°29	19°52	5°50	2°55	29°53	26°24	19°22	27°32	28°45	16° 9	22°51	F 20
S 21	15 52 32	29°32'31	10°A35	5° 5	2°42	20°38	6° 5	2°57	29°54	26°27	19°21	27°27	28°42	16°15	22°53	S 21
S 22	15 56 28	0°II30'20	25° 2	5°46	3°54	21°24	6°19	2°59	29°55	26°29	19°21	27°20	28°39	16°22	22°54	S 22
M23	16 0 25	1°28'06	9°M25	6°32	5° 7	22° 9	6°33	3° 1	29°56	26°31	19°21	27°11	28°36	16°29	22°56	M23
T 24	16 4 22	2°25'52	23°39	7°20	6°20	22°55	6°47	3° 2	29°56	26°33	19°21	27° 3	28°32	16°36	22°58	T 24
W25	16 8 18	3°23'36	7°A37	8°13	7°32	23°40	7° 1	3° 4	29°57	26°36	19°20	26°54	28°29	16°42	23° 0	W25
T 26	16 12 15	4°21'18	21°15	9° 8	8°45	24°26	7°15	3° 7	29°58	26°38	19°20	26°48	28°26	16°49	23° 2	T 26
F 27	16 16 11	5°19'00	4°31	10° 7	9°57	25°11	7°29	3° 9	29°59	26°40	19°20	26°44	28°23	16°56	23° 3	F 27
S 28	16 20 8	6°16'40	17°26	11° 9	11°10	25°57	7°43	3°11	0°M 0	26°42	19°20	26°41	28°20	17° 2	23° 5	S 28
S 29	16 24 4	7°14'19	29°59	12°14	12°23	26°42	7°57	3°14	0° 1	26°45	19°20	26°D41	28°17	17° 9	23° 7	S 29
M30	16 28 1	8°11'57	13°22	13°22	13°36	27°27	8°11	3°16	0° 3	26°47	19°20	26°42	28°13	17°16	23° 8	M30
T 31	16 31 57	9°II 9'34	24°A19	14°833	14°848	28°Y12	8°II25	3°M19	0°M 4	26°849	19°D20	26°343	28°310	17°K22	23°K10	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14n51	22s12	0s37	14n 3	0n32	1n53	1s38	1n 2	1s 9	19n47	0s39	12n 9	1n46	12n14	0n46	17n33	1s39	17n48	14n54	20s19	20s11	2s57	1n 0	4n30					
M 2	15 9	18 41	0n28	13 34	0 15	2 21	1 39	1 20	1 9	19 50	0 39	12 9	1 46	12 14	0 46	17 34	1 39	17 48	14 54	20 19	20 11	2 54	1 1	4 30					
T 3	15 27	14 28	1 30	13 6	0s 2	2 48	1 39	1 39	1 9	19 53	0 39	12 9	1 46	12 14	0 46	17 34	1 39	17 48	14 54	20 19	20 12	2 51	1 2	4 30					
W 4	15 45	9 45	2 28	12 38	0 19	3 16	1 40	1 57	1 9	19 56	0 39	12 9	1 46	12 14	0 46	17 35	1 39	17 48	14 54	20 19	20 13	2 48	1 3	4 30					
T 5	16 2	4 42	3 19	12 11	0 36	3 43	1 41	2 16	1 9	19 58	0 39	12 8	1 46	12 15	0 46	17 35	1 39	17 48	14 53	20 20	20 13	2 45	1 4	4 30					
F 6	16 20	0n30	4 2	11 46	0 52	4 11	1 41	2 34	1 9	20 1	0 39	12 8	1 46	12 15	0 46	17 36	1 39	17 48	14 53	20 21	20 14	2 42	1 5	4 30					
S 7	16 37	5 43	4 34	11 23	1 8	4 38	1 42	2 52	1 8	20 4	0 39	12 8	1 46	12 14	0 46	17 36	1 39	17 48	14 53	20 23	20 15	2 38	1 7	4 30					
S 8	16 53	10 47	4 54	11 2	1 24	5 5	1 42	3 11	1 8	20 7	0 39	12 8	1 46	12 14	0 46	17 37	1 39	17 48	14 52	20 25	20 15	2 35	1 8	4 31					
M 9	17 10	15 31	5 2	10 43	1 38	5 33	1 43	3 29	1 8	20 9	0 39	12 8	1 46	12 14	0 46	17 37	1 39	17 48	14 52	20 27	20 16	2 32	1 9	4 31					
T 10	17 26	19 40	4 55	10 26	1 52	6 0	1 43	3 47	1 8	20 12	0 38	12 7	1 45	12 14	0 46	17 38	1 39	17 48	14 52	20 30	20 17	2 29	1 10	4 31					
W11	17 41	23 0	4 33	10 12	2 5	6 27	1 43	4 5	1 7	20 15	0 38	12 7	1 45	12 14	0 46	17 38	1 39	17 48	14 51	20 32	20 17	2 26	1 11	4 31					
T 12	17 57	25 14	3 57	10 0	2 17	6 54	1 43	4 23	1 7	20 18	0 38	12 7	1 45	12 14	0 46	17 39	1 39	17 48	14 51	20 34	20 18	2 23	1 12	4 31					
F 13	18 12	26 7	3 8	9 51	2 28	7 21	1 43	4 41	1 7	20 20	0 38	12 6	1 45	12 14	0 46	17 39	1 39	17 48	14 50	20 36	20 19	2 20	1 13	4 31					
S 14	18 27	25 32	2 8	9 44	2 38	7 47	1 43	4 59	1 7	20 23	0 38	12 6	1 45	12 14	0 46	17 40	1 39	17 48	14 50	20 37	20 19	2 17	1 14	4 32					
S 15	18 41	23 26	1 0	9 40	2 47	8 14	1 43	5 17	1 6	20 26	0 38	12 5	1 45	12 14	0 46	17 41	1 39	17 47	14 50	20 37	20 20	2 13	1 15	4 32					
M16	18 56	19 58	0s12	9 38	2 55	8 40	1 43	5 35	1 6	20 28	0 38	12 5	1 45	12 14	0 46	17 41	1 39	17 47	14 49	20 37	20 21	2 10	1 16	4 32					
T 17	19 10	15 21	1 25	9 38	3 2	9 6	1 42	5 53	1 6	20 31	0 38	12 4	1 45	12 13	0 46	17 42	1 39	17 47	14 49	20 37	20 21	2 7	1 17	4 32					
W18	19 23	9 52	2 33	9 41	3 9	9 32	1 42	6 11	1 5	20 33	0 38	12 4	1 44	12 13	0 46	17 42	1 39	17 47	14 49	20 37	20 22	2 4	1 18	4 32					
T 19	19 36	3 49	3 33	9 45	3 14	9 58	1 42	6 28	1 5	20 36	0 38	12 3	1 44	12 13	0 46	17 43	1 39	17 47	14 48	20 37	20 23	2 1	1 19	4 32					
F 20	19 49	2s28	4 21	9 52	3 18	10 24	1 41	6 46	1 5	20 39	0 37	12 2	1 44	12 13	0 46	17 43	1 39	17 47	14 48	20 38	20 23	1 58	1 20	4 33					
S 21	20 2	8 40	4 52	10 1	3 22	10 49	1 41	7 3	1 5	20 41	0 37	12 2	1 44	12 12	0 46	17 44	1 39	17 46	14 48	20 39	20 24	1 55	1 21	4 33					
S 22	20 14	14 24	5 5	10 12	3 25	11 14	1 40	7 20	1 4	20 44	0 37	12 1	1 44	12 12	0 46	17 44	1 39	17 46	14 47	20 40	20 25	1 52	1 22	4 33					
M23	20 26	19 19	4 58	10 25	3 27	11 39	1 39	7 38	1 4	20 46	0 37	12 0	1 44	12 12	0 46	17 45	1 39	17 46	14 47	20 42	20 25	1 48	1 23	4 33					
T 24	20 37	23 4	4 33	10 40	3 28	12 4	1 38	7 55	1 3	20 48	0 37	11 59	1 44	12 11	0 45	17 45	1 39	17 46	14 46	20 44	20 26	1 45	1 24	4 33					
W25	20 49	25 22	3 52	10 56	3 28	12 28	1 38	8 12	1 3	20 51	0 37	11 59	1 44	12 11	0 45	17 46	1 39	17 45	14 46	20 45	20 26	1 42	1 25	4 33					
T 26	20 59	26 5	2 58	11 14	3 28	12 52	1 37	8 29	1 3	20 53	0 37	11 58	1 44	12 11	0 45	17 46	1 39	17 45	14 46	20 46	20 27	1 39	1 26	4 34					
F 27	21 10	25 16	1 56	11 34	3 27	13 16	1 36	8 46	1 2	20 56	0 37	11 57	1 43	12 10	0 45	17 47	1 39	17 45	14 45	20 47	20 28	1 36	1 26	4 34					
S 28	21 20	23 6	0 50	11 55	3 25	13 40	1 35	9 3	1 2	20 58	0 37	11 56	1 43	12 10	0 45	17 47	1 39	17 44	14 45	20 48	20 28	1 33	1 27	4 34					
S 29	21 30	19 50	0n18	12 17	3 22	14 3	1 34	9 20	1 2	21 0	0 37	11 55	1 43	12 9	0 45	17 48	1 39	17 44	14 44	20 48	20 29	1 30	1 28	4 34					
M30	21 39	15 46	1 23	12 40	3 19	14 26	1 32	9 36	1 1	21 3	0 37	11 54	1 43	12 9	0 45	17 48	1 39	17 44	14 44	20 48	20 30	1 27	1 29	4 34					
T 31	21n48	11s 9	2n24	13n 5	3s15	14n49	1s31	9n53	1s 1	21n 5	0s36	11n53	1n43	12n 9	0n45	17n49	1s39	17n43	14n44	20s47	20s30	1s23	1n29	4n35					

ASTRODIENST EPHEMERIS for the year 2214
geocentric

JUNE 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 35 54	10II 7°10	6X13	15B47	16B 1	28Y58	8II39	3m22	0m 5	26B51	19m20	26°R44	28B 7	17X29	23X11	W 1
T 2	16 39 51	11° 4'46	18° 4	17° 4	17°14	29°43	8°53	3°24	0° 6	26°53	19°20	26B44	28° 4	17°36	23°12	T 2
F 3	16 43 47	12° 2'20	29°57	18°23	18°26	0B28	9° 7	3°27	0° 8	26°56	19°20	26°42	28° 1	17°42	23°14	F 3
S 4	16 47 44	12°59'53	11Y56	19°45	19°39	1°13	9°21	3°30	0° 9	26°58	19°20	26°38	27°57	17°49	23°15	S 4
S 5	16 51 40	13°57'26	24° 5	21°10	20°52	1°58	9°35	3°33	0°11	27° 0	19°20	26°33	27°54	17°56	23°16	S 5
M 6	16 55 37	14°54'58	6B29	22°37	22° 5	2°43	9°50	3°37	0°12	27° 2	19°20	26°27	27°51	18° 2	23°17	M 6
T 7	16 59 33	15°52'29	19° 8	24° 7	23°18	3°28	10° 4	3°40	0°14	27° 4	19°21	26°20	27°48	18° 9	23°18	T 7
W 8	17 3 30	16°49'59	2II 4	25°40	24°30	4°13	10°18	3°43	0°15	27° 6	19°21	26°13	27°45	18°16	23°20	W 8
T 9	17 7 26	17°47'28	15°17	27°15	25°43	4°58	10°32	3°47	0°17	27° 9	19°21	26° 7	27°42	18°23	23°21	T 9
F 10	17 11 23	18°44'57	28°46	28°53	26°56	5°42	10°46	3°50	0°19	27°11	19°21	26° 3	27°38	18°29	23°21	F 10
S 11	17 15 20	19°42'24	12B28	0II33	28° 9	6°27	11° 0	3°54	0°20	27°13	19°22	26° 0	27°35	18°36	23°22	S 11
S 12	17 19 16	20°39'50	26°21	2°16	29°22	7°12	11°14	3°58	0°22	27°15	19°22	26°D 0	27°32	18°43	23°23	S 12
M13	17 23 13	21°37'16	10B22	4° 2	0II35	7°56	11°27	4° 1	0°24	27°17	19°23	26° 0	27°29	18°49	23°24	M13
T 14	17 27 9	22°34'40	24°29	5°50	1°48	8°41	11°41	4° 5	0°26	27°19	19°23	26° 2	27°26	18°56	23°25	T 14
W15	17 31 6	23°32'03	8m39	7°40	3° 1	9°25	11°55	4° 9	0°28	27°21	19°23	26° 3	27°22	19° 3	23°25	W15
T 16	17 35 2	24°29'25	22°52	9°33	4°13	10°10	12° 9	4°13	0°30	27°23	19°24	26°R 4	27°19	19° 9	23°26	T 16
F 17	17 38 59	25°26'46	7B 3	11°29	5°26	10°54	12°23	4°18	0°32	27°25	19°24	26° 3	27°16	19°16	23°27	F 17
S 18	17 42 56	26°24'06	21°13	13°26	6°39	11°38	12°37	4°22	0°34	27°27	19°25	26° 1	27°13	19°23	23°27	S 18
S 19	17 46 52	27°21'25	5m17	15°26	7°52	12°22	12°51	4°26	0°36	27°29	19°25	25°58	27°10	19°29	23°28	S 19
M20	17 50 49	28°18'43	19°13	17°28	9° 5	13° 6	13° 4	4°31	0°38	27°31	19°26	25°55	27° 7	19°36	23°28	M20
T 21	17 54 45	29°16'01	2X59	19°32	10°18	13°51	13°18	4°35	0°40	27°33	19°27	25°51	27° 3	19°43	23°28	T 21
W22	17 58 42	0B13'18	16°31	21°38	11°31	14°35	13°32	4°40	0°43	27°35	19°27	25°47	27° 0	19°50	23°29	W22
T 23	18 2 38	1°10'34	29°48	23°45	12°44	15°19	13°46	4°44	0°45	27°37	19°28	25°44	26°57	19°56	23°29	T 23
F 24	18 6 35	2° 7'50	12B48	25°54	13°57	16° 2	13°59	4°49	0°47	27°39	19°29	25°42	26°54	20° 3	23°29	F 24
S 25	18 10 31	3° 5'05	25°31	28° 4	15°10	16°46	14°13	4°54	0°50	27°41	19°30	25°D42	26°51	20°10	23°29	S 25
S 26	18 14 28	4° 2'20	7B58	0B14	16°23	17°30	14°27	4°59	0°52	27°43	19°30	25°42	26°48	20°16	23°29	S 26
M27	18 18 25	4°59'34	20°11	2°25	17°36	18°14	14°40	5° 3	0°54	27°45	19°31	25°43	26°44	20°23	23°R29	M27
T 28	18 22 21	5°56'48	2X13	4°37	18°50	18°57	14°54	5° 8	0°57	27°47	19°32	25°45	26°41	20°30	23°29	T 28
W29	18 26 18	6°54'02	14° 8	6°48	20° 3	19°41	15° 7	5°14	0°59	27°49	19°33	25°46	26°38	20°36	23°29	W29
T 30	18 30 14	7B51'16	25X59	8B59	21II16	20B24	15II21	5m19	1m 2	27B51	19m34	25B48	26B35	20X43	23X29	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	21n57	6s10	3n17	13n30	3s11	15n11	1s30	10n 9	1 s 0	21n 7	0s36	11n52	1n43	12n 8	0n45	17n49	1s39	17n43	14n43	20s47	20s31	1s20	1n30	4n35			
T 2	22 5	1 0	4 2	13 57	3 5	15 33	1 28	10 25	1 0	21 10	0 36	11 51	1 43	12 8	0 45	17 50	1 39	17 43	14 43	20 47	20 32	1 17	1 31	4 35			
F 3	22 13	4n12	4 36	14 24	3 0	15 54	1 27	10 42	1 0	21 12	0 36	11 49	1 43	12 7	0 45	17 50	1 39	17 42	14 42	20 48	20 32	1 14	1 32	4 35			
S 4	22 20	9 18	4 59	14 52	2 53	16 15	1 26	10 58	0 59	21 14	0 36	11 48	1 43	12 7	0 45	17 51	1 39	17 42	14 42	20 48	20 33	1 11	1 32	4 35			
S 5	22 27	14 7	5 9	15 21	2 47	16 36	1 24	11 14	0 59	21 16	0 36	11 47	1 42	12 6	0 45	17 51	1 39	17 41	14 42	20 49	20 33	1 8	1 33	4 36			
M 6	22 34	18 27	5 4	15 50	2 39	16 56	1 22	11 29	0 58	21 18	0 36	11 46	1 42	12 5	0 45	17 52	1 39	17 41	14 41	20 50	20 34	1 5	1 34	4 36			
T 7	22 40	22 3	4 45	16 20	2 32	17 16	1 21	11 45	0 58	21 20	0 36	11 44	1 42	12 5	0 45	17 52	1 39	17 41	14 41	20 52	20 35	1 2	1 34	4 36			
W 8	22 46	24 39	4 11	16 50	2 23	17 36	1 19	12 1	0 57	21 23	0 36	11 43	1 42	12 4	0 45	17 53	1 39	17 40	14 40	20 53	20 35	0 58	1 35	4 36			
T 9	22 51	25 58	3 23	17 20	2 15	17 55	1 17	12 16	0 57	21 25	0 36	11 42	1 42	12 4	0 45	17 53	1 39	17 40	14 40	20 54	20 36	0 55	1 35	4 36			
F 10	22 56	25 47	2 23	17 51	2 5	18 13	1 16	12 31	0 56	21 27	0 36	11 40	1 42	12 3	0 45	17 54	1 39	17 39	14 40	20 55	20 37	0 52	1 36	4 37			
S 11	23 1	24 2	1 13	18 21	1 56	18 32	1 14	12 47	0 56	21 29	0 36	11 39	1 42	12 2	0 45	17 54	1 39	17 39	14 39	20 55	20 37	0 49	1 37	4 37			
S 12	23 5	20 50	0s 2	18 52	1 46	18 49	1 12	13 2	0 55	21 31	0 36	11 37	1 42	12 2	0 45	17 54	1 39	17 38	14 39	20 56	20 38	0 46	1 37	4 37			
M13	23 9	16 23	1 18	19 22	1 36	19 6	1 10	13 16	0 55	21 33	0 35	11 36	1 42	12 1	0 45	17 55	1 40	17 38	14 38	20 55	20 38	0 43	1 38	4 37			
T 14	23 12	11 0	2 29	19 51	1 25	19 23	1 8	13 31	0 54	21 35	0 35	11 34	1 41	12 0	0 45	17 55	1 40	17 37	14 38	20 55	20 39	0 40	1 38	4 37			
W15	23 15	5 2	3 32	20 20	1 14	19 39	1 6	13 46	0 54	21 37	0 35	11 33	1 41	12 0	0 45	17 56	1 40	17 37	14 38	20 55	20 40	0 37	1 38	4 38			
T 16	23 18	1s11	4 22	20 49	1 4	19 55	1 4	14 0	0 53	21 38	0 35	11 31	1 41	11 59	0 45	17 56	1 40	17 36	14 37	20 55	20 40	0 34	1 39	4 38			
F 17	23 20	7 19	4 56	21 16	0 52	20 10	1 2	14 15	0 53	21 40	0 35	11 30	1 41	11 58	0 45	17 57	1 40	17 35	14 37	20 55	20 41	0 30	1 39	4 38			
S 18	23 22	13 5	5 12	21 42	0 41	20 25	1 0	14 29	0 52	21 42	0 35	11 28	1 41	11 57	0 45	17 57	1 40	17 35	14 36	20 55	20 42	0 27	1 40	4 38			
S 19	23 23	18 7	5 9	22 7	0 30	20 39	0 58	14 43	0 52	21 44	0 35	11 26	1 41	11 57	0 45	17 58	1 40	17 34	14 36	20 56	20 42	0 24	1 40	4 38			
M20	23 24	22 7	4 47	22 31	0 19	20 52	0 56	14 57	0 51	21 46	0 35	11 25	1 41	11 56	0 44	17 58	1 40	17 34	14 36	20 56	20 43	0 21	1 40	4 39			
T 21	23 25	24 49	4 10	22 52	0 8	21 5	0 53	15 10	0 51	21 48	0 35	11 23	1 41	11 55	0 44	17 58	1 40	17 33	14 35	20 57	20 43	0 18	1 41	4 39			
W22	23 25	26 1	3 19	23 12	0n 3	21 18	0 51	15 24	0 50	21 49	0 35	11 21	1 41	11 54	0 44	17 59	1 40	17 33	14 35	20 58	20 44	0 15	1 41	4 39			
T 23	23 24	25 42	2 18	23 30	0 14	21 29	0 49	15 37	0 49	21 51	0 35	11 19	1 41	11 53	0 44	17 59	1 40	17 32	14 35	20 58	20 45	0 12	1 41	4 39			
F 24	23 24	23 58	1 10	23 45	0 25	21 41	0 47	15 50	0 49	21 53	0 35	11 18	1 40	11 52	0 44	18 0	1 40	17 31	14 34	20 59	20 45	0 9	1 42	4 39			
S 25	23 23	21 2	0 1	23 59	0 35	21 51	0 44	16 3	0 48	21 54	0 35	11 16	1 40	11 52	0 44	18 0	1 40	17 31	14 34	20 59	20 46	0 6	1 42	4 40			
S 26	23 21	17 11	1n 7	24 9	0 44	22 1	0 42	16 16	0 48	21 56	0 35	11 14	1 40	11 51	0 44	18 0	1 40	17 30	14 33	20 59	20 46	0 2	1 42	4 40			
M27	23 19	12 40	2 11	24 17	0 54	22 11	0 40	16 29	0 47	21 58	0 35	11 12	1 40	11 50	0 44	18 1	1 40	17 29	14 33	20 59	20 47	0n 1	1 42	4 40			
T 28	23 17	7 45	3 8	24 22	1 2	22 20	0 37	16 42	0 46	21 59	0 35	11 10	1 40	11 49	0 44	18 1	1 40	17 29	14 33	20 58	20 48	0 4	1 42	4 40			
W29	23 14	2 36	3 56	24 24	1 10	22 28	0 35	16 54	0 46	22 1	0 35	11 8	1 40	11 48	0 44	18 2	1 40	17 28	14 32	20 58	20 48	0 7	1 43	4 40			
T 30	23n11	2n36	4n34	24n24	1n18	22n35	0s32	17n 6	0s45	22n 2	0s34	11n 6	1n40	11n47	0n44	18n 2	1s40	17n27	14n32	20s58	20s49	0n10	1n43	4n41			

Julian Day Number = 2529857.5, Delta T = 177.77 sec
Ecliptic obliquity = 23°24'45, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 27°44'12, Lahiri = 26°51'13

ASTRODIENST EPHEMERIS for the year 2214
geocentric

JULY 2214

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	18 34 11	8♌48°30	7♋53	11♈10	22♊29	21♋8	15♌34	5♎24	1♏5	27♐52	19♑35	25°R48	26♒32	20♓50	23°R29	F 1
S 2	18 38 7	9°45'44	19°53	13°20	23°42	21°51	15°48	5°29	1°7	27°54	19°36	25♒48	26°28	20°57	23♋29	S 2
S 3	18 42 4	10°42'58	2♋3	15°29	24°55	22°35	16°1	5°35	1°10	27°56	19°37	25°47	26°25	21°3	23°28	S 3
M 4	18 46 0	11°40'12	14°29	17°37	26°9	23°18	16°14	5°40	1°13	27°58	19°38	25°45	26°22	21°10	23°28	M 4
T 5	18 49 57	12°37'26	27°13	19°43	27°22	24°1	16°28	5°45	1°15	27°59	19°39	25°43	26°19	21°17	23°28	T 5
W 6	18 53 54	13°34'41	10♊18	21°48	28°35	24°44	16°41	5°51	1°18	28°1	19°40	25°42	26°16	21°23	23°27	W 6
T 7	18 57 50	14°31'55	23°43	23°52	29°48	25°27	16°54	5°57	1°21	28°3	19°41	25°40	26°13	21°30	23°27	T 7
F 8	19 1 47	15°29'10	7♌30	25°53	1♌2	26°10	17°7	6°2	1°24	28°4	19°42	25°40	26°9	21°37	23°26	F 8
S 9	19 5 43	16°26'24	21°34	27°53	2°15	26°53	17°20	6°8	1°27	28°6	19°43	25°D39	26°6	21°43	23°25	S 9
S 10	19 9 40	17°23'38	5♌53	29°51	3°28	27°36	17°33	6°14	1°30	28°8	19°44	25°39	26°3	21°50	23°25	S 10
M 11	19 13 36	18°20'53	20°21	1♌47	4°42	28°19	17°46	6°20	1°33	28°9	19°46	25°40	26°0	21°57	23°24	M 11
T 12	19 17 33	19°18'07	4♎52	3°42	5°55	29°1	17°59	6°26	1°35	28°11	19°47	25°40	25°57	22°4	23°23	T 12
W 13	19 21 29	20°15'20	19°23	5°34	7°8	29°44	18°12	6°32	1°38	28°12	19°48	25°41	25°54	22°10	23°22	W 13
T 14	19 25 26	21°12'34	3♌47	7°24	8°22	0♊27	18°25	6°38	1°42	28°14	19°49	25°41	25°50	22°17	23°21	T 14
F 15	19 29 23	22°9'48	18°2	9°13	9°35	1°9	18°38	6°44	1°45	28°16	19°51	25°R41	25°47	22°24	23°20	F 15
S 16	19 33 19	23°7'01	2♌6	10°59	10°49	1°51	18°51	6°50	1°48	28°17	19°52	25°41	25°44	22°30	23°19	S 16
S 17	19 37 16	24°4'14	15°56	12°43	12°2	2°34	19°3	6°56	1°51	28°18	19°53	25°41	25°41	22°37	23°18	S 17
M 18	19 41 12	25°1'28	29°31	14°26	13°16	3°16	19°16	7°2	1°54	28°20	19°55	25°41	25°38	22°44	23°17	M 18
T 19	19 45 9	25°58'41	12♋53	16°6	14°29	3°58	19°28	7°9	1°57	28°21	19°56	25°D41	25°34	22°50	23°16	T 19
W 20	19 49 5	26°55'55	26°0	17°45	15°43	4°40	19°41	7°15	2°0	28°23	19°58	25°41	25°31	22°57	23°15	W 20
T 21	19 53 2	27°53'09	8♓54	19°22	16°56	5°22	19°53	7°22	2°4	28°24	19°59	25°41	25°28	23°4	23°14	T 21
F 22	19 56 59	28°50'23	21°34	20°56	18°10	6°4	20°6	7°28	2°7	28°25	20°0	25°R41	25°25	23°11	23°12	F 22
S 23	20 0 55	29°47'37	4♌1	22°29	19°23	6°46	20°18	7°34	2°10	28°27	20°2	25°41	25°22	23°17	23°11	S 23
S 24	20 4 52	0♌44'52	16°17	24°0	20°37	7°27	20°30	7°41	2°14	28°28	20°4	25°41	25°19	23°24	23°9	S 24
M 25	20 8 48	1°42'07	28°24	25°28	21°50	8°9	20°42	7°48	2°17	28°29	20°5	25°40	25°15	23°31	23°8	M 25
T 26	20 12 45	2°39'23	10♋22	26°55	23°4	8°51	20°55	7°54	2°20	28°30	20°7	25°40	25°12	23°37	23°7	T 26
W 27	20 16 41	3°36'40	22°15	28°20	24°18	9°32	21°7	8°1	2°24	28°32	20°8	25°39	25°9	23°44	23°5	W 27
T 28	20 20 38	4°33'57	4♋7	29°42	25°31	10°14	21°19	8°8	2°27	28°33	20°10	25°38	25°6	23°51	23°3	T 28
F 29	20 24 34	5°31'15	16°0	1♎3	26°45	10°55	21°30	8°14	2°30	28°34	20°11	25°37	25°3	23°57	23°2	F 29
S 30	20 28 31	6°28'34	27°59	2°21	27°59	11°36	21°42	8°21	2°34	28°35	20°13	25°36	25°0	24°4	23°0	S 30
S 31	20 32 27	7♌25'54	10♋8	3♎37	29♌13	12♊17	21♌54	8♎28	2♎37	28♋36	20♎15	25°D36	24♓56	24♋11	22♋58	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	lat	
F 1	23n 7	7n44	5n 1	24n21	1n24	22n42	0s30	17n18	0s45	22n 4	0s34	11n 4	1n40	11n46	0n44	18n 2	1s40	17n27	14n32	20s58	20s49	0n13	1n43	4n41
S 2	23 3	12 37	5 14	24 15	1 30	22 48	0 27	17 30	0 44	22 5	0 34	11 2	1 40	11 45	0 44	18 3	1 40	17 26	14 31	20 58	20 50	0 16	1 43	4 41
S 3	22 59	17 5	5 14	24 6	1 36	22 54	0 25	17 42	0 43	22 7	0 34	11 0	1 40	11 44	0 44	18 3	1 40	17 25	14 31	20 58	20 51	0 19	1 43	4 41
M 4	22 54	20 56	4 59	23 55	1 40	22 59	0 23	17 53	0 43	22 8	0 34	10 58	1 40	11 43	0 44	18 3	1 40	17 24	14 30	20 58	20 51	0 22	1 43	4 41
T 5	22 49	23 53	4 30	23 41	1 44	23 3	0 20	18 5	0 42	22 9	0 34	10 56	1 40	11 42	0 44	18 4	1 40	17 24	14 30	20 59	20 52	0 25	1 43	4 42
W 6	22 43	25 41	3 45	23 25	1 47	23 7	0 18	18 16	0 41	22 11	0 34	10 54	1 40	11 41	0 44	18 4	1 40	17 23	14 30	20 59	20 52	0 28	1 43	4 42
T 7	22 37	26 3	2 48	23 6	1 49	23 10	0 15	18 27	0 41	22 12	0 34	10 52	1 39	11 40	0 44	18 4	1 40	17 22	14 29	20 59	20 53	0 32	1 43	4 42
F 8	22 31	24 51	1 39	22 46	1 51	23 12	0 13	18 38	0 40	22 13	0 34	10 50	1 39	11 39	0 44	18 5	1 40	17 21	14 29	20 59	20 54	0 35	1 43	4 42
S 9	22 24	22 3	0 23	22 23	1 52	23 13	0 10	18 48	0 39	22 15	0 34	10 47	1 39	11 38	0 44	18 5	1 40	17 21	14 29	20 59	20 54	0 38	1 43	4 42
S 10	22 17	17 52	0s56	21 59	1 52	23 14	0 8	18 59	0 39	22 16	0 34	10 45	1 39	11 37	0 44	18 5	1 40	17 20	14 28	20 59	20 55	0 41	1 43	4 43
M11	22 9	12 35	2 13	21 33	1 51	23 15	0 5	19 9	0 38	22 17	0 34	10 43	1 39	11 36	0 44	18 6	1 40	17 19	14 28	20 59	20 55	0 44	1 43	4 43
T 12	22 1	6 36	3 21	21 5	1 50	23 14	0 3	19 19	0 37	22 18	0 34	10 41	1 39	11 35	0 44	18 6	1 40	17 18	14 28	20 59	20 56	0 47	1 43	4 43
W13	21 53	0 17	4 16	20 36	1 48	23 13	0 0	19 29	0 36	22 20	0 34	10 38	1 39	11 34	0 44	18 6	1 40	17 17	14 27	20 59	20 57	0 50	1 42	4 43
T 14	21 45	6s 0	4 54	20 6	1 46	23 11	0n 2	19 38	0 36	22 21	0 34	10 36	1 39	11 33	0 44	18 7	1 40	17 17	14 27	20 59	20 57	0 53	1 42	4 43
F 15	21 35	11 54	5 14	19 35	1 43	23 9	0 5	19 48	0 35	22 22	0 34	10 34	1 39	11 31	0 44	18 7	1 41	17 16	14 27	20 59	20 58	0 56	1 42	4 43
S 16	21 26	17 7	5 15	19 3	1 39	23 5	0 7	19 57	0 34	22 23	0 34	10 32	1 39	11 30	0 44	18 7	1 41	17 15	14 26	20 59	20 58	0 59	1 42	4 44
S 17	21 16	21 20	4 58	18 29	1 35	23 2	0 10	20 6	0 34	22 24	0 34	10 29	1 39	11 29	0 44	18 8	1 41	17 14	14 26	20 59	20 59	1 2	1 41	4 44
M18	21 6	24 19	4 24	17 55	1 30	22 57	0 12	20 15	0 33	22 25	0 34	10 27	1 39	11 28	0 44	18 8	1 41	17 13	14 26	20 59	21 0	1 5	1 41	4 44
T 19	20 56	25 53	3 36	17 20	1 25	22 52	0 14	20 24	0 32	22 26	0 34	10 24	1 39	11 27	0 44	18 8	1 41	17 12	14 25	20 59	21 0	1 9	1 41	4 44
W20	20 45	25 58	2 37	16 45	1 19	22 46	0 17	20 32	0 31	22 27	0 34	10 22	1 39	11 26	0 44	18 8	1 41	17 12	14 25	20 59	21 1	1 12	1 41	4 44
T 21	20 34	24 38	1 32	16 9	1 13	22 39	0 19	20 40	0 31	22 28	0 34	10 20	1 39	11 25	0 44	18 9	1 41	17 11	14 25	20 59	21 1	1 15	1 40	4 45
F 22	20 22	22 4	0 23	15 33	1 6	22 32	0 22	20 48	0 30	22 29	0 34	10 17	1 39	11 23	0 44	18 9	1 41	17 10	14 25	20 59	21 2	1 18	1 40	4 45
S 23	20 10	18 29	0n46	14 56	0 59	22 24	0 24	20 56	0 29	22 30	0 34	10 15	1 39	11 22	0 44	18 9	1 41	17 9	14 24	20 59	21 2	1 21	1 39	4 45
S 24	19 58	14 10	1 52	14 19	0 51	22 16	0 26	21 4	0 28	22 31	0 33	10 12	1 39	11 21	0 44	18 9	1 41	17 8	14 24	20 59	21 3	1 24	1 39	4 45
M25	19 46	9 20	2 51	13 42	0 43	22 7	0 28	21 11	0 27	22 32	0 33	10 10	1 39	11 20	0 44	18 10	1 41	17 7	14 24	20 59	21 4	1 27	1 39	4 45
T 26	19 33	4 14	3 43	13 5	0 35	21 57	0 31	21 19	0 27	22 33	0 33	10 7	1 39	11 18	0 44	18 10	1 41	17 7	14 23	20 59	21 4	1 30	1 38	4 45
W27	19 19	0n59	4 24	12 27	0 26	21 46	0 33	21 26	0 26	22 34	0 33	10 5	1 38	11 17	0 44	18 10	1 41	17 6	14 23	20 59	21 5	1 33	1 38	4 45
T 28	19 6	6 8	4 55	11 50	0 17	21 35	0 35	21 33	0 25	22 34	0 33	10 2	1 38	11 16	0 44	18 10	1 41	17 5	14 23	21 0	21 5	1 36	1 37	4 46
F 29	18 52	11 5	5 12	11 13	0 8	21 24	0 37	21 39	0 24	22 35	0 33	10 0	1 38	11 15	0 44	18 10	1 41	17 4	14 23	21 0	21 6	1 39	1 37	4 46
S 30	18 38	15 40	5 16	10 36	0s 1	21 11	0 39	21 46	0 23	22 36	0 33	9 57	1 38	11 14	0 44	18 11	1 41	17 3	14 22	21 0	21 7	1 42	1 36	4 46
S 31	18n24	19n41	5n 6	10n 0	0s11	20n58	0n42	21n52	0s23	22n37	0s33	9n54	1n38	11n12	0n43	18n11	1s41	17n 2	14n22	21s 0	21s 7	1n45	1n36	4n46

ASTRODIENST EPHEMERIS for the year 2214

geocentric

AUGUST 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 36 24	8♂23'15	22♂32	4♂51	0♂26	12♂58	22♂6	8♂35	2♂41	28♂37	20♂16	25♂36	24♂53	24♂18	22♂57	M 1
T 2	20 40 21	9°20'37	5♂14	6° 3	1°40	13°39	22°17	8°42	2°44	28°38	20°18	25°37	24°50	24°24	22♂55	T 2
W 3	20 44 17	10°18'00	18°19	7°12	2°54	14°20	22°29	8°49	2°48	28°39	20°20	25°38	24°47	24°31	22°53	W 3
T 4	20 48 14	11°15'24	1♂49	8°19	4° 8	15° 1	22°40	8°56	2°51	28°40	20°22	25°39	24°44	24°38	22°51	T 4
F 5	20 52 10	12°12'49	15°43	9°23	5°22	15°42	22°51	9° 3	2°55	28°41	20°23	25°40	24°40	24°44	22°49	F 5
S 6	20 56 7	13°10'15	0♂2	10°25	6°36	16°23	23° 3	9°10	2°59	28°42	20°25	25°R40	24°37	24°51	22°47	S 6
S 7	21 0 3	14° 7'42	14°40	11°24	7°49	17° 3	23°14	9°17	3° 2	28°43	20°27	25°40	24°34	24°58	22°45	S 7
M 8	21 4 0	15° 5'09	29°32	12°20	9° 3	17°44	23°25	9°24	3° 6	28°43	20°29	25°38	24°31	25° 5	22°43	M 8
T 9	21 7 57	16° 2'38	14♂29	13°13	10°17	18°24	23°36	9°31	3° 9	28°44	20°31	25°36	24°28	25°11	22°41	T 9
W10	21 11 53	17° 0'07	29°23	14° 3	11°31	19° 4	23°47	9°38	3°13	28°45	20°33	25°33	24°25	25°18	22°39	W10
T 11	21 15 50	17°57'37	14♂6	14°49	12°45	19°44	23°58	9°46	3°17	28°46	20°34	25°30	24°21	25°25	22°37	T 11
F 12	21 19 46	18°55'08	28°34	15°32	13°59	20°24	24° 8	9°53	3°20	28°46	20°36	25°28	24°18	25°31	22°34	F 12
S 13	21 23 43	19°52'39	12♂41	16°12	15°13	21° 4	24°19	10° 0	3°24	28°47	20°38	25°27	24°15	25°38	22°32	S 13
S 14	21 27 39	20°50'12	26°27	16°47	16°27	21°44	24°29	10° 8	3°28	28°48	20°40	25°D27	24°12	25°45	22°30	S 14
M15	21 31 36	21°47'45	9♂52	17°19	17°41	22°24	24°40	10°15	3°31	28°48	20°42	25°28	24° 9	25°51	22°28	M15
T 16	21 35 32	22°45'19	22°57	17°46	18°55	23° 4	24°50	10°22	3°35	28°49	20°44	25°29	24° 6	25°58	22°25	T 16
W17	21 39 29	23°42'54	5♂46	18° 9	20°10	23°43	25° 0	10°30	3°39	28°50	20°46	25°31	24° 2	26° 5	22°23	W17
T 18	21 43 26	24°40'30	18°21	18°27	21°24	24°23	25°10	10°37	3°43	28°50	20°48	25°32	23°59	26°12	22°20	T 18
F 19	21 47 22	25°38'07	0♂43	18°40	22°38	25° 2	25°20	10°44	3°46	28°50	20°50	25°R32	23°56	26°18	22°18	F 19
S 20	21 51 19	26°35'45	12°56	18°48	23°52	25°42	25°30	10°52	3°50	28°51	20°52	25°31	23°53	26°25	22°16	S 20
S 21	21 55 15	27°33'24	25° 1	18°R51	25° 6	26°21	25°40	10°59	3°54	28°51	20°54	25°28	23°50	26°32	22°13	S 21
M22	21 59 12	28°31'04	6♂59	18°49	26°20	27° 0	25°50	11° 7	3°57	28°52	20°56	25°24	23°46	26°38	22°11	M22
T 23	22 3 8	29°28'46	18°54	18°40	27°34	27°39	25°59	11°14	4° 1	28°52	20°58	25°18	23°43	26°45	22° 8	T 23
W24	22 7 5	0♂26'29	0♂46	18°26	28°49	28°18	26° 8	11°22	4° 5	28°52	21° 0	25°12	23°40	26°52	22° 5	W24
T 25	22 11 1	1°24'14	12°37	18° 6	0♂3	28°56	26°18	11°29	4° 9	28°53	21° 2	25° 5	23°37	26°59	22° 3	T 25
F 26	22 14 58	2°22'00	24°31	17°41	1°17	29°35	26°27	11°37	4°12	28°53	21° 4	25° 0	23°34	27° 5	22° 0	F 26
S 27	22 18 54	3°19'47	6♂29	17°10	2°31	0♂14	26°36	11°44	4°16	28°53	21° 6	24°55	23°31	27°12	21°58	S 27
S 28	22 22 51	4°17'37	18°37	16°34	3°46	0°52	26°45	11°52	4°20	28°53	21° 8	24°52	23°27	27°19	21°55	S 28
M29	22 26 48	5°15'28	0♂58	15°52	5° 0	1°30	26°54	11°59	4°24	28°53	21°10	24°D51	23°24	27°25	21°52	M29
T 30	22 30 44	6°13'21	13°36	15° 6	6°14	2° 9	27° 3	12° 7	4°27	28°54	21°12	24°51	23°21	27°32	21°50	T 30
W31	22 34 41	7♂11'16	26♂35	14♂17	7♂29	2♂47	27♂11	12♂14	4♂31	28♂54	21♂15	24♂52	23♂18	27♂39	21♂47	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	18n 9	22n56	4n42	9n23	0s22	20n45	0n44	21n58	0s22	22n37	0s33	9n52	1n38	11n11	0n43	18n11	1s41
T 2	17 54	25 9	4 4	8 47	0 32	20 30	0 46	22 4	0 21	22 38	0 33	9 49	1 38	11 10	0 43	18 11	1 41
W 3	17 38	26 5	3 12	8 12	0 43	20 16	0 48	22 10	0 20	22 39	0 33	9 47	1 38	11 8	0 43	18 11	1 41
T 4	17 23	25 32	2 8	7 37	0 53	20 4	0 50	22 15	0 19	22 39	0 33	9 44	1 38	11 7	0 43	18 11	1 41
F 5	17 7	23 24	0 55	7 3	1 4	19 44	0 51	22 20	0 18	22 40	0 33	9 41	1 38	11 6	0 43	18 12	1 42
S 6	16 51	19 44	0s24	6 29	1 16	19 28	0 53	22 26	0 18	22 41	0 33	9 39	1 38	11 5	0 43	18 12	1 42
S 7	16 34	14 46	1 43	5 56	1 27	19 11	0 55	22 30	0 17	22 41	0 33	9 36	1 38	11 3	0 43	18 12	1 42
M 8	16 18	8 53	2 56	5 25	1 38	18 53	0 57	22 35	0 16	22 42	0 33	9 33	1 38	11 2	0 43	18 12	1 42
T 9	16 1	2 27	3 57	4 54	1 50	18 35	0 59	22 40	0 15	22 42	0 33	9 30	1 38	11 1	0 43	18 12	1 42
W10	15 43	4s 4	4 42	4 24	2 2	18 16	1 0	22 44	0 14	22 43	0 33	9 28	1 38	10 59	0 43	18 12	1 42
T 11	15 26	10 17	5 8	3 55	2 13	17 57	1 2	22 48	0 13	22 44	0 33	9 25	1 38	10 58	0 43	18 12	1 42
F 12	15 8	15 50	5 14	3 28	2 25	17 38	1 4	22 52	0 12	22 44	0 33	9 22	1 38	10 57	0 43	18 12	1 42
S 13	14 50	20 23	5 0	3 2	2 37	17 17	1 5	22 55	0 11	22 44	0 33	9 20	1 38	10 55	0 43	18 12	1 42
S 14	14 32	23 42	4 30	2 38	2 48	16 57	1 7	22 59	0 10	22 45	0 33	9 17	1 38	10 54	0 43	18 13	1 42
M15	14 14	25 37	3 45	2 15	2 59	16 36	1 8	23 2	0 10	22 45	0 33	9 14	1 38	10 53	0 43	18 13	1 42
T 16	13 55	26 3	2 49	1 54	3 11	16 14	1 9	23 5	0 9	22 46	0 33	9 11	1 38	10 51	0 43	18 13	1 42
W17	13 36	25 3	1 46	1 35	3 21	15 52	1 11	23 8	0 8	22 46	0 33	9 8	1 38	10 50	0 43	18 13	1 42
T 18	13 17	22 48	0 39	1 18	3 32	15 30	1 12	23 11	0 7	22 47	0 33	9 6	1 38	10 49	0 43	18 13	1 42
F 19	12 58	19 31	0n28	1 4	3 42	15 7	1 13	23 13	0 6	22 47	0 33	9 3	1 38	10 47	0 43	18 13	1 42
S 20	12 38	15 25	1 34	0 52	3 52	14 43	1 14	23 16	0 5	22 47	0 33	9 0	1 38	10 46	0 43	18 13	1 42
S 21	12 18	10 45	2 34	0 42	4 1	14 20	1 16	23 18	0 4	22 48	0 33	8 57	1 38	10 45	0 43	18 13	1 42
M22	11 59	5 44	3 27	0 36	4 9	13 55	1 17	23 20	0 3	22 48	0 33	8 54	1 38	10 43	0 43	18 13	1 42
T 23	11 39	0 33	4 10	0 32	4 17	13 31	1 18	23 22	0 2	22 48	0 33	8 52	1 38	10 42	0 43	18 13	1 42
W24	11 18	4n38	4 43	0 31	4 24	13 6	1 18	23 23	0 1	22 49	0 33	8 49	1 38	10 40	0 43	18 13	1 43
T 25	10 58	9 38	5 3	0 34	4 29	12 41	1 19	23 24	0 0	22 49	0 33	8 46	1 38	10 39	0 43	18 13	1 43
F 26	10 37	14 17	5 10	0 40	4 34	12 15	1 20	23 26	0n 1	22 49	0 33	8 43	1 39	10 38	0 43	18 13	1 43
S 27	10 16	18 27	5 4	0 49	4 37	11 49	1 21	23 27	0 2	22 49	0 33	8 40	1 39	10 36	0 43	18 13	1 43
S 28	9 55	21 54	4 44	1 1	4 38	11 23	1 22	23 28	0 3	22 50	0 33	8 37	1 39	10 35	0 43	18 13	1 43
M29	9 34	24 25	4 11	1 17	4 38	10 57	1 22	23 28	0 4	22 50	0 33	8 35	1 39	10 34	0 43	18 13	1 43
T 30	9 13	25 48	3 25	1 37	4 36	10 30	1 23	23 29	0 5	22 50	0 33	8 32	1 39	10 32	0 43	18 13	1 43
W31	8n52	25n49	2n27	1n59	4s33	10n 3	1n23	23n29	0n 6	22n50	0s33	8n29	1n39	10n31	0n43	18n13	1s43

Julian Day Number = 2529918.5, Delta T = 177.95 sec

Ecliptic obliquity = 23°24'45, Nutation = 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°44'21, Lahiri = 26°51'21

ASTRODIENST EPHEMERIS for the year 2214

geocentric

SEPTEMBER 2214

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 38 37	8 ^h 9'13	10 ^h 0	13°R24	8 ^h 43	3 ^h 25	27 ^h 20	12 ^h 22	4 ^h 35	28 ^h 54	21 ^h 17	24 ^h 53	23 ^h 15	27 ^h 45	21°R44	T 1
F 2	22 42 34	9° 7'11	23°52	12 ^h 29	9°57	4° 3	27°28	12°29	4°39	28°R54	21°19	24°R54	23°12	27°52	21°R41	F 2
S 3	22 46 30	10° 5'11	8 ^h 12	11°33	11°12	4°40	27°36	12°37	4°43	28°54	21°21	24°53	23° 8	27°59	21°39	S 3
S 4	22 50 27	11° 3'13	22°57	10°38	12°26	5°18	27°44	12°45	4°46	28°54	21°23	24°51	23° 5	28° 6	21°36	S 4
M 5	22 54 23	12° 1'16	8 ^h 1	9°43	13°41	5°55	27°52	12°52	4°50	28°54	21°25	24°46	23° 2	28°12	21°33	M 5
T 6	22 58 20	12°59'21	23°14	8°51	14°55	6°33	28° 0	13° 0	4°54	28°53	21°27	24°40	22°59	28°19	21°30	T 6
W 7	23 2 17	13°57'28	8 ^h 28	8° 2	16° 9	7°10	28° 7	13° 7	4°57	28°53	21°29	24°32	22°56	28°26	21°27	W 7
T 8	23 6 13	14°55'36	23°31	7°18	17°24	7°47	28°15	13°15	5° 1	28°53	21°32	24°25	22°52	28°32	21°25	T 8
F 9	23 10 10	15°53'46	8 ^h 14	6°40	18°38	8°24	28°22	13°23	5° 5	28°53	21°34	24°19	22°49	28°39	21°22	F 9
S 10	23 14 6	16°51'57	22°32	6° 9	19°53	9° 1	28°29	13°30	5° 9	28°53	21°36	24°14	22°46	28°46	21°19	S 10
S 11	23 18 3	17°50'10	6 ^h 23	5°45	21° 7	9°38	28°37	13°38	5°12	28°52	21°38	24°12	22°43	28°53	21°16	S 11
M12	23 21 59	18°48'24	19°46	5°30	22°22	10°14	28°43	13°45	5°16	28°52	21°40	24°D11	22°40	28°59	21°13	M12
T 13	23 25 56	19°46'40	2 ^h 36	5°D23	23°36	10°51	28°50	13°53	5°20	28°52	21°42	24°12	22°37	29° 6	21°11	T 13
W14	23 29 52	20°44'57	15°25	5°25	24°51	11°27	28°57	14° 0	5°23	28°51	21°45	24°13	22°33	29°13	21° 8	W14
T 15	23 33 49	21°43'15	27°48	5°36	26° 5	12° 4	29° 3	14° 8	5°27	28°51	21°47	24°R13	22°30	29°19	21° 5	T 15
F 16	23 37 46	22°41'35	9 ^h 59	5°56	27°20	12°40	29° 9	14°15	5°31	28°50	21°49	24°11	22°27	29°26	21° 2	F 16
S 17	23 41 42	23°39'57	22° 1	6°25	28°35	13°16	29°16	14°23	5°34	28°50	21°51	24° 8	22°24	29°33	20°59	S 17
S 18	23 45 39	24°38'20	3 ^h 58	7° 2	29°49	13°51	29°22	14°30	5°38	28°50	21°53	24° 2	22°21	29°40	20°56	S 18
M19	23 49 35	25°36'46	15°51	7°48	1 ^h 4	14°27	29°27	14°38	5°41	28°49	21°55	23°53	22°18	29°46	20°54	M19
T 20	23 53 32	26°35'12	27°43	8°42	2°18	15° 2	29°33	14°45	5°45	28°48	21°57	23°42	22°14	29°53	20°51	T 20
W21	23 57 28	27°33'41	9°Y35	9°44	3°33	15°38	29°39	14°53	5°49	28°48	22° 0	23°30	22°11	29°59	20°48	W21
T 22	0 1 25	28°32'12	21°29	10°53	4°47	16°13	29°44	15° 0	5°52	28°47	22° 2	23°18	22° 8	0°Y 6	20°45	T 22
F 23	0 5 21	29°30'45	3 ^h 26	12° 8	6° 2	16°48	29°49	15° 8	5°56	28°47	22° 4	23° 6	22° 5	0°13	20°42	F 23
S 24	0 9 18	0 ^h 29'20	15°29	13°28	7°17	17°23	29°54	15°15	5°59	28°46	22° 6	22°57	22° 2	0°20	20°40	S 24
S 25	0 13 15	1°27'57	27°39	14°54	8°31	17°58	29°59	15°23	6° 3	28°45	22° 8	22°49	21°58	0°27	20°37	S 25
M26	0 17 11	2°26'36	10 ^h II 0	16°24	9°46	18°32	0 ^h 3	15°30	6° 6	28°44	22°10	22°45	21°55	0°33	20°34	M26
T 27	0 21 8	3°25'17	22°36	17°58	11° 1	19° 7	0° 8	15°37	6°10	28°44	22°13	22°42	21°52	0°40	20°31	T 27
W28	0 25 4	4°24'01	5 ^h 30	19°36	12°15	19°41	0°12	15°45	6°13	28°43	22°15	22°D42	21°49	0°47	20°29	W28
T 29	0 29 1	5°22'47	18°47	21°16	13°30	20°15	0°16	15°52	6°16	28°42	22°17	22°R42	21°46	0°53	20°26	T 29
F 30	0 32 57	6 ^h 21'35	2 ^h 30	22 ^h 58	14 ^h 44	20 ^h 49	0 ^h 20	15 ^h 59	6 ^h 20	28 ^h 41	22 ^h 19	22 ^h 342	21 ^h 343	1°Y 0	20 ^h 23	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	8n30	24n22	1n20	2n24	4s27	9n35	1n24	23n29	0n 7	22n50	0s33	8n26	1n39	10n30	0n43	18n13
F 2	8 8	21 24	0 6	2 52	4 19	9 7	1 24	23 29	0 8	22 51	0 33	8 23	1 39	10 28	0 43	18 13
S 3	7 47	17 3	1s11	3 22	4 10	8 40	1 24	23 29	0 9	22 51	0 33	8 20	1 39	10 27	0 43	18 13
S 4	7 25	11 34	2 26	3 53	3 59	8 11	1 25	23 29	0 10	22 51	0 33	8 18	1 39	10 25	0 43	18 13
M 5	7 3	5 17	3 31	4 26	3 46	7 43	1 25	23 28	0 11	22 51	0 33	8 15	1 39	10 24	0 43	18 13
T 6	6 41	1s20	4 22	4 59	3 31	7 14	1 25	23 27	0 12	22 51	0 33	8 12	1 39	10 23	0 43	18 13
W 7	6 18	7 52	4 55	5 32	3 15	6 46	1 25	23 26	0 13	22 51	0 33	8 9	1 39	10 21	0 43	18 12
T 8	5 56	13 52	5 7	6 4	2 58	6 17	1 25	23 25	0 14	22 51	0 33	8 6	1 39	10 20	0 43	18 12
F 9	5 33	18 56	4 58	6 34	2 40	5 47	1 25	23 24	0 15	22 52	0 33	8 3	1 39	10 19	0 43	18 12
S 10	5 11	22 44	4 30	7 3	2 21	5 18	1 25	23 23	0 17	22 52	0 33	8 0	1 39	10 17	0 43	18 12
S 11	4 48	25 5	3 48	7 30	2 2	4 49	1 24	23 21	0 18	22 52	0 33	7 58	1 39	10 16	0 43	18 12
M12	4 25	25 55	2 54	7 54	1 43	4 19	1 24	23 20	0 19	22 52	0 33	7 55	1 39	10 15	0 43	18 12
T 13	4 3	25 15	1 52	8 14	1 23	3 49	1 24	23 18	0 20	22 52	0 33	7 52	1 39	10 13	0 43	18 12
W14	3 40	23 18	0 47	8 31	1 4	3 19	1 23	23 16	0 21	22 52	0 33	7 49	1 40	10 12	0 43	18 12
T 15	3 17	20 16	0n19	8 44	0 46	2 49	1 23	23 14	0 22	22 52	0 33	7 46	1 40	10 11	0 43	18 12
F 16	2 54	16 23	1 23	8 54	0 28	2 19	1 22	23 12	0 23	22 52	0 33	7 43	1 40	10 9	0 43	18 11
S 17	2 31	11 54	2 23	8 59	0 11	1 49	1 22	23 9	0 24	22 52	0 33	7 41	1 40	10 8	0 43	18 11
S 18	2 8	7 0	3 15	9 0	0n 5	1 19	1 21	23 7	0 26	22 52	0 33	7 38	1 40	10 7	0 43	18 11
M19	1 45	1 54	3 59	8 57	0 20	0 48	1 20	23 4	0 27	22 52	0 33	7 35	1 40	10 5	0 44	18 11
T 20	1 21	3n15	4 32	8 50	0 34	0 18	1 20	23 2	0 28	22 52	0 33	7 32	1 40	10 4	0 44	18 11
W21	0 58	8 17	4 53	8 39	0 47	0s12	1 19	22 59	0 29	22 52	0 33	7 29	1 40	10 3	0 44	18 11
T 22	0 35	13 2	5 2	8 23	0 59	0 43	1 18	22 56	0 30	22 52	0 32	7 26	1 40	10 1	0 44	18 10
F 23	0 12	17 18	4 57	8 5	1 9	1 13	1 17	22 53	0 31	22 52	0 32	7 24	1 40	10 0	0 44	18 10
S 24	0s12	20 55	4 39	7 42	1 19	1 43	1 16	22 49	0 33	22 52	0 32	7 21	1 40	9 59	0 44	18 10
S 25	0 35	23 39	4 9	7 17	1 27	2 14	1 15	22 46	0 34	22 52	0 32	7 18	1 41	9 58	0 44	18 10
M26	0 58	25 19	3 26	6 48	1 34	2 44	1 14	22 43	0 35	22 52	0 32	7 15	1 41	9 56	0 44	18 10
T 27	1 22	25 45	2 33	6 16	1 39	3 14	1 12	22 39	0 36	22 52	0 32	7 13	1 41	9 55	0 44	18 9
W28	1 45	24 48	1 30	5 43	1 44	3 45	1 11	22 35	0 38	22 52	0 32	7 10	1 41	9 54	0 44	18 9
T 29	2 8	22 26	0 21	5 6	1 48	4 15	1 10	22 32	0 39	22 52	0 32	7 7	1 41	9 53	0 44	18 9
F 30	2s31	18n44	0s52	4n28	1n50	4s45	1n 8	22n28	0n40	22n52	0s32	7n 4	1n41	9n51	0n44	18n 9

Julian Day Number = 2529949.5, Delta T = 178.04 sec

Ecliptic obliquity = 23°24'45, Nutation = 0°00'17, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°44'25, Lahiri = 26°51'25

ASTRODIENST EPHEMERIS for the year 2214
geocentric

OCTOBER 2214

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 36 54	7♂20'26	16♂40	24♂43	15♂59	21♂23	0♂24	16♂7	6♂23	28°R40	22♂21	22°R40	21♂39	1°Y 7	20°R20	S 1
S 2	0 40 50	8°19'18	1♂18	26°28	17°14	21°57	0°28	16°14	6°27	28♂39	22°23	22♂36	21°36	1°14	20♂18	S 2
M 3	0 44 47	9°18'13	16°17	28°15	18°29	22°30	0°31	16°21	6°30	28°38	22°25	22°29	21°33	1°20	20°15	M 3
T 4	0 48 44	10°17'10	1♂32	0♂3	19°43	23°3	0°34	16°28	6°33	28°37	22°27	22°19	21°30	1°27	20°13	T 4
W 5	0 52 40	11°16'09	16°51	1°50	20°58	23°36	0°37	16°35	6°36	28°36	22°29	22°8	21°27	1°34	20°10	W 5
T 6	0 56 37	12°15'09	2♂3	3°39	22°13	24°9	0°40	16°42	6°40	28°35	22°31	21°57	21°23	1°40	20°7	T 6
F 7	1 0 33	13°14'12	16°57	5°27	23°27	24°42	0°43	16°49	6°43	28°34	22°33	21°48	21°20	1°47	20°5	F 7
S 8	1 4 30	14°13'17	1♂26	7°15	24°42	25°14	0°45	16°57	6°46	28°33	22°36	21°40	21°17	1°54	20°2	S 8
S 9	1 8 26	15°12'24	15°25	9°3	25°57	25°47	0°47	17°4	6°49	28°32	22°38	21°35	21°14	2°1	20°0	S 9
M10	1 12 23	16°11'32	28°55	10°50	27°11	26°19	0°49	17°11	6°52	28°31	22°40	21°32	21°11	2°7	19°57	M10
T 11	1 16 19	17°10'42	11♂57	12°37	28°26	26°51	0°51	17°17	6°55	28°30	22°42	21°32	21°8	2°14	19°55	T 11
W12	1 20 16	18°9'54	24°36	14°23	29°41	27°22	0°53	17°24	6°59	28°29	22°44	21°32	21°4	2°21	19°53	W12
T 13	1 24 13	19°9'08	6♂55	16°9	0♂56	27°54	0°54	17°31	7°2	28°27	22°46	21°31	21°1	2°27	19°50	T 13
F 14	1 28 9	20°8'23	19°2	17°54	2°10	28°25	0°56	17°38	7°5	28°26	22°48	21°29	20°58	2°34	19°48	F 14
S 15	1 32 6	21°7'40	0♂59	19°39	3°25	28°56	0°57	17°45	7°8	28°25	22°50	21°24	20°55	2°41	19°45	S 15
S 16	1 36 2	22°6'59	12°51	21°22	4°40	29°27	0°58	17°52	7°10	28°24	22°51	21°17	20°52	2°48	19°43	S 16
M17	1 39 59	23°6'20	24°42	23°5	5°54	29°58	0°58	17°58	7°13	28°22	22°53	21°7	20°49	2°54	19°41	M17
T 18	1 43 55	24°5'42	6°Y34	24°48	7°9	0♂28	0°59	18°5	7°16	28°21	22°55	20°54	20°45	3°1	19°39	T 18
W19	1 47 52	25°5'07	18°29	26°30	8°24	0°58	0°59	18°11	7°19	28°20	22°57	20°40	20°42	3°8	19°37	W19
T 20	1 51 48	26°4'34	0♂28	28°11	9°39	1°28	0°R59	18°18	7°22	28°18	22°59	20°25	20°39	3°14	19°34	T 20
F 21	1 55 45	27°4'02	12°34	29°51	10°53	1°58	0°59	18°24	7°25	28°17	23°1	20°12	20°36	3°21	19°32	F 21
S 22	1 59 41	28°3'33	24°45	1♂31	12°8	2°27	0°59	18°31	7°27	28°15	23°3	20°0	20°33	3°28	19°30	S 22
S 23	2 3 38	29°3'06	7♂5	3°10	13°23	2°57	0°58	18°37	7°30	28°14	23°5	19°51	20°29	3°35	19°28	S 23
M24	2 7 35	0♂241	19°34	4°48	14°37	3°26	0°57	18°44	7°33	28°13	23°7	19°45	20°26	3°41	19°26	M24
T 25	2 11 31	1°2'19	2♂15	6°26	15°52	3°54	0°57	18°50	7°35	28°11	23°8	19°42	20°23	3°48	19°24	T 25
W26	2 15 28	2°1'58	15°11	8°3	17°7	4°23	0°55	18°56	7°38	28°10	23°10	19°D41	20°20	3°55	19°23	W26
T 27	2 19 24	3°1'40	28°25	9°39	18°22	4°51	0°54	19°2	7°40	28°8	23°12	19°R41	20°17	4°1	19°21	T 27
F 28	2 23 21	4°1'24	12♂0	11°15	19°36	5°19	0°53	19°8	7°43	28°7	23°14	19°41	20°14	4°8	19°19	F 28
S 29	2 27 17	5°1'11	25°59	12°51	20°51	5°47	0°51	19°15	7°45	28°5	23°15	19°39	20°10	4°15	19°17	S 29
S 30	2 31 14	6°0'59	10♂20	14°26	22°6	6°14	0°49	19°21	7°48	28°4	23°17	19°35	20°7	4°22	19°15	S 30
M31	2 35 10	7♂0'50	25♂3	16♂0	23♂21	6♂41	0♂47	19♂27	7♂50	28♂2	23♂19	19♂29	20♂4	4°Y28	19♂14	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	2s55	13n52	2s 3	3n49	1n52	5s15	1n 7	22n24	0n41	22n52	0s32	7n 2	1n41	9n50	0n44	18n 8	1s45	16n 9	14n19	21s31	21s40	4n52	0n34	4n46	
S 2	3 18	8 3	3 9	3 7	1 53	5 45	1 6	22 20	0 43	22 52	0 32	6 59	1 41	9 49	0 44	18 8	1 45	16 9	14 20	21 31	21 41	4 55	0 33	4 46	
M 3	3 41	1 40	4 3	2 25	1 53	6 15	1 4	22 15	0 44	22 52	0 32	6 56	1 41	9 48	0 44	18 8	1 45	16 8	14 20	21 32	21 41	4 58	0 32	4 46	
T 4	4 4	4s55	4 41	1 42	1 52	6 45	1 2	22 11	0 45	22 52	0 32	6 54	1 42	9 47	0 44	18 8	1 45	16 7	14 20	21 34	21 42	5 1	0 30	4 46	
W 5	4 27	11 13	4 59	0 58	1 51	7 14	1 1	22 7	0 46	22 52	0 32	6 51	1 42	9 45	0 44	18 7	1 45	16 7	14 20	21 36	21 42	5 4	0 29	4 46	
T 6	4 50	16 48	4 56	0 13	1 48	7 44	0 59	22 2	0 48	22 52	0 32	6 48	1 42	9 44	0 44	18 7	1 45	16 6	14 20	21 37	21 43	5 7	0 28	4 45	
F 7	5 13	21 14	4 33	0s32	1 46	8 13	0 57	21 58	0 49	22 52	0 32	6 46	1 42	9 43	0 44	18 7	1 45	16 5	14 21	21 39	21 43	5 10	0 27	4 45	
S 8	5 36	24 12	3 52	1 18	1 43	8 42	0 55	21 53	0 50	22 52	0 32	6 43	1 42	9 42	0 44	18 7	1 45	16 5	14 21	21 40	21 44	5 12	0 26	4 45	
S 9	5 59	25 34	2 58	2 4	1 39	9 11	0 54	21 49	0 52	22 52	0 32	6 40	1 42	9 41	0 44	18 6	1 45	16 4	14 21	21 41	21 44	5 15	0 25	4 45	
M10	6 22	25 21	1 57	2 49	1 35	9 39	0 52	21 44	0 53	22 52	0 32	6 38	1 42	9 40	0 44	18 6	1 45	16 4	14 21	21 41	21 45	5 18	0 23	4 45	
T 11	6 44	23 43	0 50	3 35	1 31	10 8	0 50	21 39	0 55	22 52	0 32	6 35	1 42	9 38	0 44	18 6	1 45	16 3	14 21	21 42	21 45	5 21	0 22	4 44	
W12	7 7	20 55	0n16	4 21	1 26	10 36	0 48	21 35	0 56	22 52	0 32	6 33	1 43	9 37	0 44	18 5	1 45	16 3	14 22	21 42	21 46	5 24	0 21	4 44	
T 13	7 29	17 13	1 20	5 6	1 21	11 4	0 46	21 30	0 57	22 52	0 32	6 30	1 43	9 36	0 44	18 5	1 45	16 2	14 22	21 42	21 46	5 27	0 20	4 44	
F 14	7 52	12 53	2 20	5 51	1 15	11 32	0 44	21 25	0 59	22 52	0 32	6 28	1 43	9 35	0 44	18 5	1 45	16 1	14 22	21 42	21 47	5 30	0 19	4 44	
S 15	8 14	8 7	3 12	6 36	1 10	11 59	0 42	21 20	1 0	22 52	0 32	6 25	1 43	9 34	0 44	18 5	1 45	16 1	14 22	21 43	21 47	5 33	0 18	4 44	
S 16	8 36	3 6	3 56	7 20	1 4	12 26	0 40	21 15	1 2	22 52	0 32	6 23	1 43	9 33	0 44	18 4	1 45	16 0	14 23	21 44	21 48	5 36	0 17	4 43	
M17	8 58	2n 1	4 29	8 4	0 58	12 53	0 37	21 10	1 3	22 52	0 32	6 20	1 43	9 32	0 44	18 4	1 45	16 0	14 23	21 45	21 48	5 39	0 16	4 43	
T 18	9 20	7 3	4 50	8 47	0 52	13 20	0 35	21 5	1 4	22 52	0 32	6 18	1 44	9 31	0 44	18 4	1 45	15 59	14 23	21 47	21 49	5 42	0 15	4 43	
W19	9 42	11 51	4 59	9 30	0 45	13 46	0 33	20 59	1 6	22 52	0 32	6 15	1 44	9 30	0 44	18 3	1 45	15 59	14 24	21 50	21 49	5 45	0 14	4 43	
T 20	10 4	16 13	4 55	10 12	0 39	14 12	0 31	20 54	1 7	22 52	0 32	6 13	1 44	9 29	0 44	18 3	1 45	15 58	14 24	21 52	21 50	5 48	0 13	4 43	
F 21	10 25	19 59	4 37	10 54	0 32	14 38	0 28	20 49	1 9	22 52	0 32	6 11	1 44	9 28	0 44	18 3	1 45	15 58	14 24	21 54	21 50	5 50	0 12	4 42	
S 22	10 46	22 55	4 7	11 35	0 26	15 3	0 26	20 44	1 10	22 52	0 32	6 8	1 44	9 27	0 44	18 2	1 45	15 57	14 24	21 55	21 51	5 53	0 11	4 42	
S 23	11 7	24 50	3 25	12 15	0 19	15 28	0 24	20 39	1 12	22 52	0 32	6 6	1 44	9 26	0 44	18 2	1 45	15 57	14 25	21 57	21 51	5 56	0 10	4 42	
M24	11 29	25 32	2 32	12 55	0 12	15 52	0 21	20 33	1 13	22 52	0 32	6 3	1 45	9 25	0 44	18 2	1 45	15 57	14 25	21 58	21 52	5 59	0 9	4 42	
T 25	11 49	24 54	1 31	13 34	0 6	16 16	0 19	20 28	1 15	22 53	0 32	6 1	1 45	9 24	0 44	18 1	1 45	15 56	14 25	21 58	21 52	6 2	0 8	4 41	
W26	12 10	22 57	0 24	14 12	0s 1	16 40	0 17	20 23	1 17	22 53	0 32	5 59	1 45	9 23	0 44	18 1	1 45	15 56	14 26	21 58	21 53	6 5	0 7	4 41	
T 27	12 30	19 42	0s46	14 49	0 8	17 3	0 14	20 18	1 18	22 53	0 32	5 57	1 45	9 22	0 44	18 1	1 45	15 55	14 26	21 58	21 53	6 8	0 6	4 41	
F 28	12 51	15 20	1 55	15 26	0 15	17 26	0 12	20 12	1 20	22 53	0 32	5 54	1 45	9 21	0 45	18 0	1 45	15 55	14 26	21 58	21 53	6 11	0 5	4 41	
S 29	13 11	10 2	3 0	16 1	0 22	17 48	0 9	20 7	1 21	22 53	0 32	5 52	1 45	9 20	0 45	18 0	1 45	15 55	14 27	21 59	21 54	6 14	0 4	4 40	
S 30	13 31	4 4	3 54	16 36	0 28	18 10	0 7	20 2	1 23	22 53	0 32	5 50	1 46	9 20	0 45	17 59	1 46	15 54	14 27	21 59	21 54	6 17	0 3	4 40	
M31	13s50	2s15	4s35	17s10	0s35	18s31	0n 4	19n57	1n25	22n53	0s32	5n48	1n46	9n19	0n45	17n59	1s46	15n54	14n27	22s 0	21s55	6n19	0n 2	4n40	

ASTRODIENST EPHEMERIS for the year 2214
geocentric

NOVEMBER 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 7	8♈ 0'43	10♈ 2	17♈34	24♈35	7♈ 8	0°R44	19♈32	7♈52	28°R 1	23♈20	19°R20	20♈ 1	4♈35	19°R12	T 1
W 2	2 43 4	9° 0'38	25° 8	19° 7	25°50	7°34	0°B42	19°38	7°55	27°B59	23°22	19°B10	19°58	4°42	19°B11	W 2
T 3	2 47 0	10° 0'35	10♈12	20°40	27° 5	8° 1	0°39	19°44	7°57	27°57	23°24	18°59	19°55	4°48	19° 9	T 3
F 4	2 50 57	11° 0'34	25° 4	22°13	28°20	8°26	0°36	19°50	7°59	27°56	23°25	18°49	19°51	4°55	19° 8	F 4
S 5	2 54 53	12° 0'35	9♈34	23°44	29°34	8°52	0°33	19°55	8° 1	27°54	23°27	18°41	19°48	5° 2	19° 6	S 5
S 6	2 58 50	13° 0'38	23°38	25°16	0♈49	9°17	0°30	20° 1	8° 3	27°53	23°28	18°36	19°45	5° 9	19° 5	S 6
M 7	3 2 46	14° 0'42	7♈14	26°47	2° 4	9°42	0°26	20° 6	8° 5	27°51	23°30	18°34	19°42	5°15	19° 3	M 7
T 8	3 6 43	15° 0'48	20°22	28°18	3°19	10° 7	0°23	20°12	8° 7	27°49	23°32	18°D33	19°39	5°22	19° 2	T 8
W 9	3 10 39	16° 0'56	3♈ 4	29°48	4°33	10°31	0°19	20°17	8° 9	27°48	23°33	18°34	19°35	5°29	19° 1	W 9
T 10	3 14 36	17° 1'05	15°27	1♈17	5°48	10°55	0°15	20°22	8°11	27°46	23°34	18°R34	19°32	5°35	19° 0	T 10
F 11	3 18 33	18° 1'15	27°34	2°47	7° 3	11°18	0°10	20°28	8°13	27°44	23°36	18°34	19°29	5°42	18°59	F 11
S 12	3 22 29	19° 1'27	9♈31	4°15	8°17	11°41	0° 6	20°33	8°15	27°43	23°37	18°31	19°26	5°49	18°58	S 12
S 13	3 26 26	20° 1'41	21°23	5°44	9°32	12° 4	0° 1	20°38	8°17	27°41	23°39	18°27	19°23	5°56	18°57	S 13
M14	3 30 22	21° 1'56	3♈14	7°11	10°47	12°26	29°II57	20°43	8°18	27°39	23°40	18°19	19°20	6° 2	18°56	M14
T 15	3 34 19	22° 2'12	15° 8	8°39	12° 2	12°48	29°52	20°48	8°20	27°38	23°41	18°10	19°16	6° 9	18°55	T 15
W16	3 38 15	23° 2'30	27° 7	10° 5	13°16	13°10	29°47	20°52	8°22	27°36	23°43	18° 0	19°13	6°16	18°54	W16
T 17	3 42 12	24° 2'50	9♈14	11°31	14°31	13°31	29°41	20°57	8°23	27°34	23°44	17°49	19°10	6°23	18°53	T 17
F 18	3 46 8	25° 3'11	21°30	12°57	15°46	13°52	29°36	21° 2	8°25	27°33	23°45	17°39	19° 7	6°29	18°52	F 18
S 19	3 50 5	26° 3'34	3♈55	14°22	17° 0	14°12	29°30	21° 6	8°26	27°31	23°46	17°30	19° 4	6°36	18°52	S 19
S 20	3 54 2	27° 3'59	16°31	15°46	18°15	14°32	29°25	21°11	8°27	27°29	23°48	17°24	19° 0	6°43	18°51	S 20
M21	3 57 58	28° 4'25	29°17	17° 9	19°30	14°51	29°19	21°15	8°29	27°28	23°49	17°20	18°57	6°49	18°51	M21
T 22	4 1 55	29° 4'53	12♈14	18°31	20°44	15°10	29°13	21°20	8°30	27°26	23°50	17°D18	18°54	6°56	18°50	T 22
W23	4 5 51	0♈5'23	25°23	19°52	21°59	15°29	29° 6	21°24	8°31	27°24	23°51	17°18	18°51	7° 3	18°50	W23
T 24	4 9 48	1° 5'55	8♈46	21°12	23°14	15°47	29° 0	21°28	8°33	27°22	23°52	17°19	18°48	7°10	18°49	T 24
F 25	4 13 44	2° 6'28	22°23	22°31	24°28	16° 4	28°54	21°32	8°34	27°21	23°53	17°20	18°45	7°16	18°49	F 25
S 26	4 17 41	3° 7'03	6♈16	23°48	25°43	16°21	28°47	21°36	8°35	27°19	23°54	17°R21	18°41	7°23	18°49	S 26
S 27	4 21 37	4° 7'40	20°25	25° 3	26°58	16°38	28°40	21°40	8°36	27°17	23°55	17°19	18°38	7°30	18°49	S 27
M28	4 25 34	5° 8'18	4♈48	26°17	28°12	16°54	28°33	21°44	8°37	27°16	23°56	17°16	18°35	7°36	18°48	M28
T 29	4 29 31	6° 8'58	19°22	27°28	29°27	17°10	28°26	21°48	8°38	27°14	23°57	17°11	18°32	7°43	18°48	T 29
W30	4 33 27	7♈ 9'40	4♈ 3	28♈37	0♈42	17♈25	28°II19	21°51	8♈38	27°B12	23°58	17°B 5	18°B29	7°Y50	18°D48	W30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s10	8s32	4s58	17s43	0s42	18s52	0n 2	19n51	1n26	22n53	0s32	5n46	1n46	9n18	0n45	17n59	1s46	15n54	14n28	22s 1	21s55	6n22	0n 1	4n39					
W 2	14 29	14 22	5 0	18 16	0 48	19 13	0s 1	19 46	1 28	22 53	0 32	5 44	1 46	9 17	0 45	17 58	1 46	15 53	14 28	22 3	21 56	6 25	0 0	4 39					
T 3	14 48	19 19	4 42	18 47	0 55	19 32	0 3	19 41	1 30	22 53	0 32	5 41	1 46	9 16	0 45	17 58	1 46	15 53	14 29	22 4	21 56	6 28	0s 1	4 39					
F 4	15 7	22 57	4 4	19 17	1 1	19 52	0 6	19 36	1 31	22 53	0 32	5 39	1 47	9 16	0 45	17 58	1 46	15 53	14 29	22 6	21 57	6 31	0 1	4 39					
S 5	15 25	25 1	3 12	19 47	1 8	20 11	0 9	19 31	1 33	22 53	0 32	5 37	1 47	9 15	0 45	17 57	1 46	15 52	14 29	22 7	21 57	6 34	0 2	4 38					
S 6	15 44	25 24	2 8	20 15	1 14	20 29	0 11	19 26	1 35	22 53	0 32	5 35	1 47	9 14	0 45	17 57	1 46	15 52	14 30	22 7	21 58	6 37	0 3	4 38					
M 7	16 2	24 13	1 0	20 43	1 20	20 46	0 14	19 21	1 36	22 53	0 32	5 33	1 47	9 13	0 45	17 57	1 46	15 52	14 30	22 8	21 58	6 40	0 4	4 38					
T 8	16 19	21 43	0n10	21 9	1 26	21 4	0 16	19 16	1 38	22 53	0 31	5 31	1 47	9 13	0 45	17 56	1 46	15 52	14 31	22 8	21 59	6 42	0 5	4 37					
W 9	16 37	18 12	1 17	21 34	1 32	21 20	0 19	19 11	1 40	22 53	0 31	5 30	1 48	9 12	0 45	17 56	1 46	15 51	14 31	22 8	21 59	6 45	0 5	4 37					
T 10	16 54	13 59	2 18	21 59	1 37	21 36	0 21	19 6	1 42	22 53	0 31	5 28	1 48	9 11	0 45	17 55	1 46	15 51	14 31	22 8	21 59	6 48	0 6	4 37					
F 11	17 11	9 17	3 13	22 22	1 43	21 51	0 24	19 2	1 44	22 53	0 31	5 26	1 48	9 11	0 45	17 55	1 46	15 51	14 32	22 8	22 0	6 51	0 7	4 37					
S 12	17 27	4 19	3 57	22 44	1 48	22 6	0 26	18 57	1 46	22 53	0 31	5 24	1 48	9 10	0 45	17 55	1 46	15 51	14 32	22 8	22 0	6 54	0 7	4 36					
S 13	17 44	0n45	4 32	23 5	1 53	22 20	0 29	18 53	1 47	22 54	0 31	5 22	1 48	9 9	0 45	17 54	1 46	15 51	14 33	22 9	22 1	6 57	0 8	4 36					
M14	18 0	5 47	4 54	23 25	1 58	22 33	0 31	18 48	1 49	22 54	0 31	5 20	1 49	9 9	0 45	17 54	1 46	15 51	14 33	22 10	22 1	7 0	0 9	4 36					
T 15	18 15	10 38	5 4	23 44	2 2	22 46	0 34	18 44	1 51	22 54	0 31	5 19	1 49	9 8	0 45	17 54	1 46	15 50	14 34	22 11	22 2	7 2	0 9	4 35					
W16	18 31	15 6	5 1	24 2	2 7	22 58	0 37	18 39	1 53	22 54	0 31	5 17	1 49	9 8	0 45	17 53	1 46	15 50	14 34	22 12	22 2	7 5	0 10	4 35					
T 17	18 46	19 2	4 44	24 18	2 11	23 10	0 39	18 35	1 55	22 54	0 31	5 15	1 49	9 7	0 45	17 53	1 46	15 50	14 34	22 14	22 3	7 8	0 11	4 35					
F 18	19 0	22 12	4 44	24 33	2 15	23 20	0 41	18 31	1 57	22 54	0 31	5 14	1 50	9 7	0 45	17 52	1 46	15 50	14 35	22 15	22 3	7 11	0 11	4 34					
S 19	19 15	24 22	3 31	24 47	2 18	23 30	0 44	18 27	1 59	22 54	0 31	5 12	1 50	9 6	0 45	17 52	1 46	15 50	14 35	22 16	22 4	7 14	0 12	4 34					
S 20	19 29	25 21	2 38	25 0	2 21	23 40	0 46	18 23	2 1	22 54	0 31	5 11	1 50	9 6	0 45	17 52	1 46	15 50	14 36	22 17	22 4	7 17	0 12	4 34					
M21	19 43	25 0	1 36	25 11	2 24	23 48	0 49	18 19	2 3	22 54	0 31	5 9	1 50	9 5	0 45	17 51	1 46	15 50	14 36	22 17	22 4	7 20	0 13	4 34					
T 22	19 56	23 18	0 27	25 21	2 26	23 56	0 51	18 16	2 5	22 54	0 31	5 8	1 50	9 5	0 46	17 51	1 46	15 50	14 37	22 18	22 5	7 22	0 13	4 33					
W23	20 9	20 19	0s44	25 30	2 28	24 4	0 53	18 12	2 7	22 54	0 31	5 6	1 51	9 4	0 46	17 51	1 46	15 50	14 37	22 18	22 5	7 25	0 14	4 33					
T 24	20 21	16 14	1 53	25 37	2 30	24 10	0 56	18 9	2 9	22 54	0 30	5 5	1 51	9 4	0 46	17 50	1 46	15 50	14 38	22 18	22 6	7 28	0 14	4 33					
F 25	20 34	11 14	2 58	25 43	2 31	24 16	0 58	18 5	2 11	22 54	0 30	5 3	1 51	9 3	0 46	17 50	1 46	15 50	14 38	22 17	22 6	7 31	0 15	4 32					
S 26	20 45	5 35	3 54	25 47	2 32	24 21	1 0	18 2	2 13	22 54	0 30	5 2	1 51	9 3	0 46	17 49	1 46	15 50	14 39	22 17	22 7	7 34	0 15	4 32					
S 27	20 57	0s26	4 36	25 51	2 32	24 25	1 3	17 59	2 16	22 54	0 30	5 1	1 52	9 3	0 46	17 49	1 46	15 50	14 39	22 17	22 7	7 36	0 15	4 32					
M28	21 8	6 32	5 2	25 53	2 31	24 29	1 5	17 56	2 18	22 54	0 30	4 59	1 52	9 2	0 46	17 49	1 46	15 50	14 40	22 18	22 7	7 39	0 16	4 31					
T 29	21 19	12 20	5 9	25 53	2 30	24 32	1 7	17 54	2 20	22 54	0 30	4 58	1 52	9 2	0 46	17 48	1 46	15 50	14 40	22 18	22 8	7 42	0 16	4 31					
W30	21s29	17s30	4s56	25s52	2s28	24s34	1s 9	17n51	2n22	22n54	0s30	4n57	1n52	9n 2	0n46	17n48	1s46	15n50	14n41	22s19	22s 8	7n45	0s16	4n31					

ASTRODIENST EPHEMERIS for the year 2214

geocentric

DECEMBER 2214

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 37 24	8°10'24"	18°11'43"	29°14'43"	1°35'56"	17°12'39"	28°10'12"	21°11'55"	8°11'39"	27°11'11"	23°11'59"	16°10'59"	18°10'26"	7°11'57"	18°11'48"	T 1
F 2	4 41 20	9°11'09"	3°11'15"	0°34'45"	3°11'11"	17°53'53"	28°11'55"	21°10'58"	8°40'40"	27°8'9"	24°0'0"	16°10'53"	18°10'22"	8°3'3"	18°10'48"	F 2
S 3	4 45 17	10°11'55"	17°32'32"	1°44'44"	4°25'25"	18°6'6"	27°57'57"	22°0'1"	8°41'41"	27°7'7"	24°1'1"	16°10'49"	18°10'19"	8°10'10"	18°10'48"	S 3
S 4	4 49 13	11°12'43"	1°32'29"	2°39'39"	5°40'50"	18°19'19"	27°50'50"	22°0'5"	8°41'41"	27°6'6"	24°1'1"	16°10'46"	18°10'16"	8°17'17"	18°10'49"	S 4
M 5	4 53 10	12°13'31"	15°2'32"	3°28'28"	6°55'55"	18°31'31"	27°42'42"	22°0'8"	8°42'42"	27°4'4"	24°2'2"	16°10'45"	18°10'13"	8°24'24"	18°10'49"	M 5
T 6	4 57 7	13°14'21"	28°11'41"	4°12'12"	8°9'9"	18°43'43"	27°35'35"	22°11'11"	8°42'42"	27°3'3"	24°3'3"	16°10'45"	18°10'10"	8°30'30"	18°10'49"	T 6
W 7	5 1 3	14°15'11"	10°58'58"	4°50'50"	9°24'24"	18°54'54"	27°27'27"	22°14'14"	8°43'43"	27°1'1"	24°4'4"	16°10'47"	18°10'7"	8°37'37"	18°10'50"	W 7
T 8	5 5 0	15°16'03"	23°24'24"	5°21'21"	10°38'38"	19°4'4"	27°19'19"	22°17'17"	8°43'43"	26°59'59"	24°4'4"	16°10'49"	18°10'3"	8°44'44"	18°10'50"	T 8
F 9	5 8 56	16°16'55"	5°13'35"	5°44'44"	11°53'53"	19°13'13"	27°11'11"	22°19'19"	8°44'44"	26°58'58"	24°5'5"	16°10'50"	18°10'0"	8°50'50"	18°10'50"	F 9
S 10	5 12 53	17°17'48"	17°34'34"	5°58'58"	13°8'8"	19°22'22"	27°3'3"	22°22'22"	8°44'44"	26°56'56"	24°5'5"	16°10'50"	17°57'57"	8°57'57"	18°10'51"	S 10
S 11	5 16 49	18°18'42"	29°28'28"	6°R 2	14°22'22"	19°31'31"	26°55'55"	22°25'25"	8°44'44"	26°55'55"	24°6'6"	16°10'50"	17°54'54"	9°4'4"	18°10'52"	S 11
M12	5 20 46	19°19'36"	11°20'20"	5°57'57"	15°37'37"	19°38'38"	26°47'47"	22°27'27"	8°44'44"	26°53'53"	24°7'7"	16°10'48"	17°51'51"	9°11'11"	18°10'52"	M12
T 13	5 24 42	20°20'31"	23°15'15"	5°40'40"	16°51'51"	19°45'45"	26°39'39"	22°29'29"	8°45'45"	26°52'52"	24°7'7"	16°10'45"	17°47'47"	9°17'17"	18°10'53"	T 13
W14	5 28 39	21°21'28"	5°17'17"	5°12'12"	18°6'6"	19°52'52"	26°31'31"	22°32'32"	8°45'45"	26°50'50"	24°8'8"	16°10'41"	17°44'44"	9°24'24"	18°10'54"	W14
T 15	5 32 36	22°22'24"	17°30'30"	4°32'32"	19°20'20"	19°57'57"	26°23'23"	22°34'34"	8°R45	26°49'49"	24°8'8"	16°10'36"	17°41'41"	9°31'31"	18°10'55"	T 15
F 16	5 36 32	23°23'22"	29°55'55"	3°42'42"	20°35'35"	20°2'2"	26°15'15"	22°36'36"	8°45'45"	26°47'47"	24°8'8"	16°10'32"	17°38'38"	9°37'37"	18°10'55"	F 16
S 17	5 40 29	24°24'20"	12°34'34"	2°41'41"	21°49'49"	20°6'6"	26°7'7"	22°38'38"	8°44'44"	26°46'46"	24°9'9"	16°10'29"	17°35'35"	9°44'44"	18°10'56"	S 17
S 18	5 44 25	25°25'19"	25°28'28"	1°31'31"	23°3'3"	20°10'10"	25°58'58"	22°39'39"	8°44'44"	26°44'44"	24°9'9"	16°10'26"	17°32'32"	9°51'51"	18°10'57"	S 18
M19	5 48 22	26°26'19"	8°36'36"	0°14'14"	24°18'18"	20°12'12"	25°50'50"	22°41'41"	8°44'44"	26°43'43"	24°9'9"	16°10'25"	17°28'28"	9°58'58"	18°10'58"	M19
T 20	5 52 18	27°27'20"	21°57'57"	28°15'15"	25°32'32"	20°14'14"	25°42'42"	22°43'43"	8°44'44"	26°41'41"	24°10'10"	16°10'25"	17°25'25"	10°4'4"	19°0'0"	T 20
W21	5 56 15	28°28'21"	5°13'13"	27°30'30"	26°47'47"	20°15'15"	25°34'34"	22°44'44"	8°44'44"	26°40'40"	24°10'10"	16°10'26"	17°22'22"	10°11'11"	19°0'0"	W21
T 22	6 0 11	29°29'23"	19°15'15"	26°8'8"	28°1'1"	20°R16	25°26'26"	22°46'46"	8°43'43"	26°39'39"	24°10'10"	16°10'27"	17°19'19"	10°18'18"	19°0'0"	T 22
F 23	6 4 8	0°30'26"	3°11'11"	24°50'50"	29°15'15"	20°15'15"	25°18'18"	22°47'47"	8°43'43"	26°37'37"	24°10'10"	16°10'28"	17°16'16"	10°25'25"	19°0'0"	F 23
S 24	6 8 5	1°31'30"	17°10'10"	23°38'38"	0°30'30"	20°14'14"	25°10'10"	22°48'48"	8°42'42"	26°36'36"	24°10'10"	16°10'29"	17°12'12"	10°31'31"	19°0'0"	S 24
S 25	6 12 1	2°32'35"	1°18'18"	22°33'33"	1°44'44"	20°12'12"	25°2'2"	22°49'49"	8°42'42"	26°35'35"	24°10'10"	16°10'30"	17°9'9"	10°38'38"	19°0'0"	S 25
M26	6 15 58	3°33'40"	15°30'30"	21°39'39"	2°58'58"	20°9'9"	24°54'54"	22°50'50"	8°41'41"	26°33'33"	24°10'10"	16°10'30"	17°6'6"	10°45'45"	19°0'0"	M26
T 27	6 19 54	4°34'47"	29°44'44"	20°55'55"	4°12'12"	20°5'5"	24°46'46"	22°51'51"	8°40'40"	26°32'32"	24°R10	16°10'29"	17°3'3"	10°51'51"	19°0'0"	T 27
W28	6 23 51	5°35'54"	13°11'11"	20°21'21"	5°27'27"	20°1'1"	24°38'38"	22°51'51"	8°40'40"	26°31'31"	24°10'10"	16°10'28"	17°0'0"	10°58'58"	19°10'10"	W28
T 29	6 27 47	6°37'02"	28°8'8"	19°58'58"	6°41'41"	19°55'55"	24°30'30"	22°52'52"	8°39'39"	26°30'30"	24°10'10"	16°10'26"	16°57'57"	11°5'5"	19°12'12"	T 29
F 30	6 31 44	7°38'10"	12°11'11"	19°46'46"	7°55'55"	19°49'49"	24°22'22"	22°53'53"	8°38'38"	26°28'28"	24°10'10"	16°10'25"	16°53'53"	11°12'12"	19°14'14"	F 30
S 31	6 35 40	8°39'19"	26°1'1"	19°D44	9°33'33"	19°12'12"	24°11'11"	22°53'53"	8°37'37"	26°28'28"	24°10'10"	16°10'24"	16°50'50"	11°18'18"	19°15'15"	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s39	21s36	4s24	25s50	2s25	24s35	1s11	17n49	2n24	22n54	0s30	4n56	1n53	9n 2	0n46	17n48
F 2	21 48	24 17	3 34	25 46	2 22	24 36	1 13	17 47	2 27	22 54	0 30	4 55	1 53	9 1	0 46	17 47
S 3	21 57	25 21	2 32	25 41	2 17	24 35	1 15	17 45	2 29	22 54	0 30	4 54	1 53	9 1	0 46	17 47
S 4	22 6	24 46	1 22	25 35	2 12	24 34	1 17	17 43	2 31	22 54	0 30	4 53	1 53	9 1	0 46	17 46
M 5	22 14	22 43	0 9	25 27	2 5	24 33	1 19	17 41	2 34	22 54	0 29	4 52	1 54	9 1	0 46	17 46
T 6	22 22	19 29	1n 2	25 19	1 58	24 30	1 21	17 40	2 36	22 54	0 29	4 51	1 54	9 1	0 46	17 46
W 7	22 29	15 24	2 8	25 9	1 49	24 27	1 23	17 39	2 38	22 54	0 29	4 50	1 54	9 0	0 46	17 45
T 8	22 36	10 45	3 7	24 58	1 39	24 23	1 24	17 38	2 41	22 54	0 29	4 49	1 54	9 0	0 46	17 45
F 9	22 42	5 48	3 56	24 45	1 28	24 19	1 26	17 37	2 43	22 54	0 29	4 48	1 55	9 0	0 46	17 45
S 10	22 48	0 42	4 34	24 32	1 16	24 13	1 28	17 37	2 45	22 54	0 29	4 47	1 55	9 0	0 46	17 44
S 11	22 54	4n22	4 59	24 18	1 2	24 7	1 29	17 36	2 48	22 54	0 29	4 46	1 55	9 0	0 46	17 44
M12	22 59	9 15	5 12	24 3	0 46	24 0	1 31	17 36	2 50	22 54	0 29	4 46	1 55	9 0	0 46	17 44
T 13	23 4	13 50	5 11	23 47	0 30	23 53	1 32	17 36	2 53	22 54	0 28	4 45	1 56	9 0	0 46	17 43
W14	23 8	17 56	4 57	23 30	0 12	23 44	1 34	17 37	2 55	22 54	0 28	4 44	1 56	9 0	0 47	17 43
T 15	23 12	21 20	4 29	23 13	0n 7	23 35	1 35	17 37	2 58	22 54	0 28	4 44	1 56	9 0	0 47	17 43
F 16	23 15	18 50	3 46	22 55	0 27	23 26	1 36	17 38	3 0	22 53	0 28	4 43	1 57	9 0	0 47	17 43
S 17	23 18	25 11	2 58	22 36	0 47	23 15	1 38	17 39	3 3	22 53	0 28	4 43	1 57	9 0	0 47	17 42
S 18	23 20	25 13	1 53	22 17	1 7	23 4	1 39	17 41	3 5	22 53	0 28	4 42	1 57	9 0	0 47	17 42
M19	23 22	23 51	0 43	21 58	1 27	22 52	1 40	17 42	3 8	22 53	0 28	4 42	1 57	9 0	0 47	17 42
T 20	23 23	21 7	0s31	21 39	1 45	22 40	1 41	17 44	3 10	22 53	0 28	4 41	1 58	9 1	0 47	17 41
W21	23 24	17 12	1 43	21 21	2 3	22 27	1 42	17 46	3 13	22 53	0 27	4 41	1 58	9 1	0 47	17 41
T 22	23 25	12 19	2 52	21 3	2 18	22 13	1 43	17 48	3 16	22 53	0 27	4 41	1 58	9 1	0 47	17 41
F 23	23 25	6 46	3 50	20 48	2 31	21 58	1 44	17 51	3 18	22 53	0 27	4 41	1 58	9 1	0 47	17 41
S 24	23 24	0 50	4 36	20 34	2 42	21 43	1 44	17 54	3 21	22 53	0 27	4 40	1 59	9 1	0 47	17 40
S 25	23 23	5s11	5 5	20 22	2 51	21 27	1 45	17 57	3 23	22 52	0 27	4 40	1 59	9 2	0 47	17 40
M26	23 22	10 57	5 16	20 13	2 57	21 11	1 46	18 0	3 26	22 52	0 27	4 40	1 59	9 2	0 47	17 40
T 27	23 20	16 10	5 8	20 6	3 0	20 54	1 46	18 4	3 29	22 52	0 26	4 40	2 0	9 2	0 47	17 39
W28	23 18	20 28	4 41	20 2	3 2	20 37	1 47	18 8	3 31	22 52	0 26	4 40	2 0	9 2	0 47	17 39
T 29	23 15	23 34	3 57	20 1	3 2	20 18	1 47	18 12	3 34	22 52	0 26	4 40	2 0	9 3	0 47	17 39
F 30	23 12	25 10	2 58	20 2	3 0	20 0	1 47	18 16	3 36	22 52	0 26	4 40	2 0	9 3	0 47	17 39
S 31	23s 8	25s12	1s51	20s 5	2n57	19s40	1s47	18n21	3n39	22n51	0s26	4n40	2n 1	9n 3	0n47	17n39

Julian Day Number = 2530040.5, Delta T = 178.31 sec

Ecliptic obliquity = 23°24'43", Nutation = 0°00'15", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 27°44'38", Lahiri = 26°51'38"