



# Astrodienst Ephemeris Tables for the year 2014

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 2014  
geocentric

JANUARY 2014

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	6 42 17	10°38'46	3°34'48	12°35'5	26°R54	11°39	16°R 7	20°M21	8°Y41	3°K14	11°315	5°R33	4°M16	22°358	9°K58	W 1
T 2	6 46 14	11°29'57	19° 7	13°42	26°329	12° 5	15°359	20°27	8°41	3°15	11°18	5°M23	4°13	23° 5	10° 1	T 2
F 3	6 50 10	12°31'08	4°25	15°19	26° 1	12°31	15°51	20°32	8°42	3°17	11°20	5°12	4°10	23°12	10° 3	F 3
S 4	6 54 7	13°32'19	19°32	16°57	25°32	12°58	15°43	20°37	8°43	3°18	11°22	5° 3	4° 7	23°19	10° 6	S 4
S 5	6 58 3	14°33'29	4°K17	18°35	25° 1	13°23	15°35	20°43	8°44	3°20	11°24	4°55	4° 3	23°25	10° 8	S 5
M 6	7 2 0	15°34'39	18°35	20°13	24°29	13°49	15°27	20°48	8°45	3°22	11°26	4°49	4° 0	23°32	10°11	M 6
T 7	7 5 56	16°35'49	2°Y25	21°52	23°55	14°14	15°18	20°53	8°46	3°23	11°28	4°47	3°57	23°39	10°13	T 7
W 8	7 9 53	17°36'58	15°46	23°31	23°20	14°39	15°10	20°58	8°47	3°25	11°30	4°D46	3°54	23°45	10°16	W 8
T 9	7 13 50	18°38'07	28°44	25°10	22°44	15° 4	15° 2	21° 3	8°48	3°27	11°32	4°R46	3°51	23°52	10°18	T 9
F 10	7 17 46	19°39'15	11°320	26°50	22° 8	15°29	14°54	21° 8	8°49	3°29	11°34	4°46	3°48	23°59	10°21	F 10
S 11	7 21 43	20°40'23	23°41	28°30	21°31	15°53	14°46	21°12	8°51	3°30	11°36	4°44	3°44	24° 6	10°24	S 11
S 12	7 25 39	21°41'31	5°II50	0°310	20°54	16°17	14°38	21°17	8°52	3°32	11°39	4°40	3°41	24°12	10°27	S 12
M13	7 29 36	22°42'37	17°51	1°50	20°17	16°41	14°30	21°22	8°53	3°34	11°41	4°34	3°38	24°19	10°29	M13
T 14	7 33 32	23°43'44	29°48	3°31	19°41	17° 4	14°22	21°26	8°54	3°36	11°43	4°24	3°35	24°26	10°32	T 14
W15	7 37 29	24°44'50	11°341	5°12	19° 5	17°27	14°14	21°31	8°56	3°38	11°45	4°11	3°32	24°33	10°35	W15
T 16	7 41 25	25°45'55	23°34	6°52	18°31	17°50	14° 7	21°35	8°57	3°39	11°47	3°57	3°28	24°39	10°38	T 16
F 17	7 45 22	26°47'00	5°J27	8°32	17°57	18°13	13°59	21°40	8°59	3°41	11°49	3°42	3°25	24°46	10°41	F 17
S 18	7 49 19	27°48'04	17°21	10°13	17°25	18°35	13°51	21°44	9° 0	3°43	11°51	3°27	3°22	24°53	10°44	S 18
S 19	7 53 15	28°49'08	29°18	11°52	16°54	18°57	13°43	21°48	9° 2	3°45	11°53	3°14	3°19	24°59	10°47	S 19
M20	7 57 12	29°50'12	11°J20	13°31	16°25	19°18	13°36	21°52	9° 4	3°47	11°55	3° 4	3°16	25° 6	10°50	M20
T 21	8 1 8	0°55'115	23°30	15°10	15°58	19°40	13°29	21°56	9° 5	3°49	11°57	2°56	3°13	25°13	10°53	T 21
W22	8 5 5	1°52'17	5°J49	16°47	15°33	20° 1	13°21	22° 0	9° 7	3°51	11°59	2°52	3° 9	25°20	10°56	W22
T 23	8 9 1	2°53'19	18°22	18°22	15°10	20°21	13°14	22° 4	9° 9	3°53	12° 1	2°50	3° 6	25°26	10°59	T 23
F 24	8 12 58	3°54'21	1°M14	19°56	14°50	20°41	13° 7	22° 7	9°11	3°55	12° 3	2°50	3° 3	25°33	11° 3	F 24
S 25	8 16 54	4°55'22	14°28	21°28	14°32	21° 1	13° 0	22°11	9°12	3°57	12° 5	2°50	3° 0	25°40	11° 6	S 25
S 26	8 20 51	5°56'23	28° 8	22°57	14°16	21°21	12°53	22°15	9°14	3°59	12° 7	2°49	2°57	25°46	11° 9	S 26
M27	8 24 48	6°57'24	12°J16	24°23	14° 3	21°40	12°46	22°18	9°16	4° 1	12° 9	2°45	2°53	25°53	11°12	M27
T 28	8 28 44	7°58'23	26°52	25°46	13°52	21°59	12°39	22°22	9°18	4° 3	12°11	2°39	2°50	26° 0	11°16	T 28
W29	8 32 41	8°59'22	11°351	27° 3	13°43	22°17	12°33	22°25	9°20	4° 6	12°13	2°30	2°47	26° 7	11°19	W29
T 30	8 36 37	10° 0'21	27° 6	28°16	13°38	22°35	12°26	22°28	9°22	4° 8	12°15	2°19	2°44	26°13	11°22	T 30
F 31	8 40 34	11°1'18	12°26	29°23	13°34	22°52	12°20	22°M31	9°Y25	4°K10	12°317	2°M 8	2°M41	26°320	11°K26	F 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
W 1	23s 1	19s 5	4n18	24s44	1s51	18s13	2n36	2s36	2n10	22n35	0n 7	15s44	2n10	2n49
T 2	22 56	17 17	4 51	24 38	1 55	18 2	2 52	2 46	2 11	22 36	0 8	15 46	2 10	2 49
F 3	22 51	14 15	5 2	24 30	1 57	17 52	3 8	2 56	2 12	22 37	0 8	15 47	2 10	2 49
S 4	22 45	10 19	4 53	24 21	2 0	17 42	3 23	3 5	2 12	22 38	0 8	15 48	2 11	2 50
S 5	22 38	5 50	4 24	24 10	2 2	17 32	3 39	3 14	2 13	22 39	0 8	15 50	2 11	2 50
M 6	22 32	1 9	3 39	23 57	2 4	17 23	3 54	3 34	2 14	22 41	0 8	15 51	2 11	2 50
T 7	22 24	3n27	2 43	23 43	2 5	17 14	4 9	3 23	2 14	22 42	0 8	15 52	2 11	2 51
W 8	22 17	7 44	1 39	23 28	2 6	17 5	4 23	3 42	2 15	22 43	0 8	15 53	2 11	2 51
T 9	22 8	11 31	0 32	23 11	2 7	16 57	4 38	3 51	2 16	22 44	0 9	15 54	2 11	2 52
F 10	22 0	14 41	0s35	22 52	2 7	16 49	4 51	4 0	2 17	22 45	0 9	15 55	2 11	2 52
S 11	21 51	17 6	1 38	22 32	2 7	16 42	5 5	4 8	2 17	22 46	0 9	15 56	2 12	2 53
S 12	21 41	18 42	2 37	22 10	2 7	16 35	5 17	4 17	2 18	22 47	0 9	15 57	2 12	2 53
M13	21 31	19 27	3 27	21 47	2 5	16 28	5 29	4 25	2 19	22 48	0 9	15 59	2 12	2 54
T 14	21 21	19 19	4 7	21 22	2 4	16 22	5 41	4 34	2 19	22 49	0 9	16 0	2 12	2 54
W15	21 10	18 19	4 37	20 56	2 1	16 17	5 51	4 42	2 20	22 50	0 9	16 1	2 12	2 55
T 16	20 59	16 32	4 55	20 28	1 59	16 12	6 1	4 50	2 21	22 51	0 9	16 2	2 12	2 56
F 17	20 48	14 4	4 59	19 59	1 55	16 7	6 10	4 58	2 21	22 52	0 10	16 2	2 13	2 56
S 18	20 36	11 1	4 51	19 28	1 51	16 3	6 18	5 5	2 22	22 53	0 10	16 3	2 13	2 57
S 19	20 24	7 30	4 30	18 56	1 47	15 59	6 26	5 13	2 23	22 53	0 10	16 4	2 13	2 58
M20	20 11	3 40	3 56	18 23	1 41	15 56	6 32	5 20	2 24	22 54	0 10	16 5	2 13	2 58
T 21	19 58	0s21	3 12	17 48	1 35	15 53	6 38	5 28	2 24	22 55	0 10	16 6	2 13	2 59
W22	19 44	4 25	2 17	17 13	1 28	15 51	6 43	5 35	2 25	22 56	0 10	16 7	2 13	3 0
T 23	19 31	8 22	1 16	16 36	1 21	15 49	6 48	5 42	2 26	22 57	0 10	16 8	2 14	3 0
F 24	19 16	12 2	0 8	15 59	1 12	15 48	6 51	5 49	2 26	22 58	0 10	16 8	2 14	3 1
S 25	19 2	15 12	1n 1	15 21	1 3	15 47	6 54	5 56	2 27	22 59	0 11	16 9	2 14	3 2
S 26	18 47	17 38	2 9	14 42	0 53	15 46	6 56	6 2	2 28	22 59	0 11	16 10	2 14	3 3
M27	18 32	19 5	3 12	14 3	0 42	15 46	6 58	6 9	2 29	23 0	0 11	16 11	2 14	3 4
T 28	18 16	19 20	4 4	13 25	0 31	15 47	6 58	6 15	2 29	23 1	0 11	16 11	2 15	3 4
W29	18 0	18 14	4 41	12 46	0 18	15 47	6 59	6 21	2 30	23 2	0 11	16 12	2 15	3 5
T 30	17 44	15 51	4 59	12 9	0 4	15 48	6 58	6 27	2 31	23 2	0 11	16 13	2 15	3 6
F 31	17s28	12s20	4n56	11s32	0n10	15s49	6n57	6s33	2n31	23n 3	0n11	16s13	2n15	3n 7

Julian Day Number = 2456658.5, Delta T = 67.28 sec  
Ecliptic obliquity = 23°26'07, Nutation = 0°00'10, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 24°56'09, Lahiri = 24°03'10

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

FEBRUARY 2014

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 44 30	12° 2'14	27° 39'	0° 23'	13° D33	23° 9	12° R14	22° 34	9° 27	4° 12	12° 19	1° R56	2° 38	26° 27	11° 29	S 1
S 2	8 48 27	13° 3'10	12° 35'	1° 16'	13° 35	23° 26	12° 8	22° 37	9° 29	4° 14	12° 20	1° 47	2° 34	26° 34	11° 33	S 2
M 3	8 52 23	14° 4'03	27° 5	2° 0	13° 39	23° 42	12° 2	22° 40	9° 31	4° 16	12° 22	1° 41	2° 31	26° 40	11° 36	M 3
T 4	8 56 20	15° 4'56	11° 7	2° 35	13° 45	23° 58	11° 56	22° 43	9° 33	4° 18	12° 24	1° 37	2° 28	26° 47	11° 39	T 4
W 5	9 0 17	16° 5'47	24° 38	3° 1	13° 54	24° 13	11° 50	22° 45	9° 36	4° 21	12° 26	1° 35	2° 25	26° 54	11° 43	W 5
T 6	9 4 13	17° 6'37	7° 41	3° 16	14° 4	24° 28	11° 45	22° 48	9° 38	4° 23	12° 28	1° D35	2° 22	27° 0	11° 47	T 6
F 7	9 8 10	18° 7'25	20° 21	3° R20	14° 17	24° 42	11° 40	22° 50	9° 40	4° 25	12° 30	1° R35	2° 19	27° 7	11° 50	F 7
S 8	9 12 6	19° 8'12	2° 41	3° 14	14° 32	24° 56	11° 35	22° 53	9° 43	4° 27	12° 31	1° 34	2° 15	27° 14	11° 54	S 8
S 9	9 16 3	20° 8'58	14° 48	2° 56	14° 49	25° 9	11° 30	22° 55	9° 45	4° 29	12° 33	1° 32	2° 12	27° 21	11° 57	S 9
M10	9 19 59	21° 9'42	26° 45	2° 28	15° 8	25° 22	11° 25	22° 57	9° 48	4° 32	12° 35	1° 26	2° 9	27° 27	12° 1	M10
T 11	9 23 56	22° 10'24	8° 38	1° 50	15° 29	25° 34	11° 20	22° 59	9° 50	4° 34	12° 37	1° 18	2° 6	27° 34	12° 4	T 11
W12	9 27 52	23° 11'05	20° 29	1° 3	15° 52	25° 46	11° 16	23° 1	9° 53	4° 36	12° 38	1° 7	2° 3	27° 41	12° 8	W12
T 13	9 31 49	24° 11'44	2° 21	0° 9	16° 16	25° 57	11° 12	23° 3	9° 56	4° 38	12° 40	0° 55	1° 59	27° 47	12° 12	T 13
F 14	9 35 46	25° 12'22	14° 16	29° 8	16° 43	26° 7	11° 8	23° 5	9° 58	4° 41	12° 42	0° 42	1° 56	27° 54	12° 15	F 14
S 15	9 39 42	26° 12'58	26° 16	28° 2	17° 10	26° 17	11° 4	23° 6	10° 1	4° 43	12° 43	0° 29	1° 53	28° 1	12° 19	S 15
S 16	9 43 39	27° 13'33	8° 22	26° 54	17° 40	26° 27	11° 0	23° 8	10° 4	4° 45	12° 45	0° 18	1° 50	28° 8	12° 23	S 16
M17	9 47 35	28° 14'06	20° 34	25° 45	18° 11	26° 36	10° 57	23° 9	10° 6	4° 47	12° 47	0° 9	1° 47	28° 14	12° 26	M17
T 18	9 51 32	29° 14'38	2° 54	24° 37	18° 44	26° 44	10° 53	23° 11	10° 9	4° 50	12° 48	0° 2	1° 44	28° 21	12° 30	T 18
W19	9 55 28	0° 15'09	15° 24	23° 31	19° 18	26° 52	10° 50	23° 12	10° 12	4° 52	12° 50	29° 59	1° 40	28° 28	12° 34	W19
T 20	9 59 25	1° 15'38	28° 6	22° 30	19° 53	26° 59	10° 47	23° 13	10° 15	4° 54	12° 51	29° D58	1° 37	28° 35	12° 38	T 20
F 21	10 3 21	2° 16'06	11° 3	21° 33	20° 30	27° 5	10° 44	23° 14	10° 18	4° 56	12° 53	29° 58	1° 34	28° 41	12° 41	F 21
S 22	10 7 18	3° 16'33	24° 17	20° 43	21° 8	27° 11	10° 42	23° 15	10° 20	4° 59	12° 54	29° 59	1° 31	28° 48	12° 45	S 22
S 23	10 11 14	4° 16'58	7° 51	20° 0	21° 47	27° 16	10° 40	23° 16	10° 23	5° 1	12° 56	29° R59	1° 28	28° 55	12° 49	S 23
M24	10 15 11	5° 17'22	21° 47	19° 23	22° 28	27° 20	10° 37	23° 17	10° 26	5° 3	12° 57	29° 58	1° 25	29° 1	12° 53	M24
T 25	10 19 8	6° 17'45	6° 3	18° 54	23° 9	27° 24	10° 35	23° 17	10° 29	5° 6	12° 59	29° 55	1° 21	29° 8	12° 56	T 25
W26	10 23 4	7° 18'07	20° 45	18° 33	23° 52	27° 27	10° 34	23° 18	10° 32	5° 8	13° 0	29° 49	1° 18	29° 15	13° 0	W26
T 27	10 27 1	8° 18'26	5° 39	18° 18	24° 35	27° 29	10° 32	23° 18	10° 35	5° 10	13° 1	29° 42	1° 15	29° 22	13° 4	T 27
F 28	10 30 57	9° 18'45	20° 41	18° 11	25° 20	27° 31	10° 31	23° 19	10° 38	5° 12	13° 3	29° 34	1° 12	29° 28	13° 8	F 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	17s11	8s 3	4n31	10s57	0n25	15s51	6n56	6s38	2n32	23n 4	0n11	16s14	2n15	3n 8	0s40	10s36
S 2	16 54	3 19	3 48	10 24	0 40	15 53	6 54	6 44	2 33	23 4	0 12	16 14	2 16	3 9	0 40	10 35
M 3	16 36	1n28	2 52	9 53	0 57	15 55	6 51	6 49	2 34	23 5	0 12	16 15	2 16	3 10	0 40	10 34
T 4	16 19	6 1	1 46	9 25	1 13	15 57	6 49	6 54	2 34	23 6	0 12	16 15	2 16	3 10	0 40	10 33
W 5	16 1	10 7	0 37	9 0	1 30	15 59	6 45	6 59	2 35	23 6	0 12	16 16	2 16	3 11	0 40	10 32
T 6	15 42	13 34	0s32	8 39	1 47	16 2	6 42	7 4	2 36	23 7	0 12	16 16	2 16	3 12	0 40	10 32
F 7	15 24	16 16	1 38	8 21	2 4	16 4	6 38	7 8	2 36	23 7	0 12	16 17	2 17	3 13	0 40	10 31
S 8	15 5	18 8	2 37	8 8	2 20	16 7	6 34	7 13	2 37	23 8	0 12	16 17	2 17	3 14	0 40	10 30
S 9	14 46	19 8	3 28	8 0	2 36	16 10	6 29	7 17	2 38	23 9	0 12	16 17	2 17	3 15	0 40	10 29
M10	14 27	19 15	4 9	7 56	2 51	16 13	6 24	7 21	2 38	23 9	0 12	16 18	2 17	3 16	0 40	10 28
T 11	14 7	18 31	4 39	7 57	3 4	16 15	6 19	7 25	2 39	23 10	0 13	16 18	2 17	3 17	0 40	10 28
W12	13 47	16 59	4 57	8 3	3 16	16 18	6 14	7 28	2 40	23 10	0 13	16 18	2 18	3 18	0 40	10 27
T 13	13 27	14 44	5 2	8 12	3 26	16 21	6 9	7 32	2 40	23 11	0 13	16 19	2 18	3 19	0 40	10 26
F 14	13 7	11 52	4 53	8 26	3 34	16 23	6 3	7 35	2 41	23 11	0 13	16 19	2 18	3 20	0 40	10 25
S 15	12 47	8 29	4 32	8 43	3 39	16 26	5 57	7 38	2 42	23 11	0 13	16 19	2 18	3 22	0 40	10 24
S 16	12 26	4 44	3 59	9 4	3 42	16 28	5 51	7 41	2 42	23 12	0 13	16 19	2 18	3 23	0 40	10 24
M17	12 5	0 46	3 14	9 26	3 43	16 30	5 45	7 43	2 43	23 12	0 13	16 19	2 19	3 24	0 40	10 23
T 18	11 44	3s17	2 19	9 50	3 42	16 32	5 39	7 46	2 43	23 13	0 13	16 20	2 19	3 25	0 39	10 22
W19	11 23	7 15	1 17	10 15	3 38	16 34	5 32	7 48	2 44	23 13	0 13	16 20	2 19	3 26	0 39	10 21
T 20	11 1	10 57	0 10	10 40	3 32	16 35	5 26	7 50	2 45	23 13	0 13	16 20	2 19	3 27	0 39	10 20
F 21	10 40	14 12	0n59	11 5	3 25	16 36	5 19	7 52	2 45	23 14	0 14	16 20	2 19	3 28	0 39	10 19
S 22	10 18	16 48	2 6	11 29	3 16	16 37	5 13	7 53	2 46	23 14	0 14	16 20	2 20	3 29	0 39	10 19
S 23	9 56	18 31	3 9	11 52	3 6	16 38	5 6	7 55	2 46	23 14	0 14	16 20	2 20	3 31	0 39	10 18
M24	9 34	19 10	4 1	12 14	2 54	16 38	4 59	7 56	2 47	23 14	0 14	16 20	2 20	3 32	0 39	10 17
T 25	9 12	18 37	4 40	12 35	2 42	16 39	4 52	7 56	2 47	23 15	0 14	16 20	2 20	3 33	0 39	10 16
W26	8 50	16 51	5 2	12 54	2 30	16 38	4 46	7 57	2 48	23 15	0 14	16 20	2 20	3 34	0 39	10 15
T 27	8 27	13 56	5 5	13 11	2 16	16 38	4 39	7 58	2 48	23 15	0 14	16 20	2 21	3 35	0 39	10 14
F 28	8s 5	10s 4	4n46	13s26	2n 3	16s37	4n32	7s58	2n49	23n15	0n14	16s20	2n21	3n36	0s39	10s14

Julian Day Number = 2456689.5, Delta T = 67.31 sec  
 Ecliptic obliquity = 23°26'07, Nutation = 0°00'11, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°56'13, Lahiri = 24°03'14

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

MARCH 2014

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 34 54	10°19'01	5°41	18°D10	26°30	27°R32	10°R29	23°M19	10°Y41	5°H15	13°30	29°R26	1°M 9	29°335	13°H12	S 1
S 2	10 38 50	11°19'16	20°30	18°16	26°52	27°R32	10°R28	23°19	10°44	5°17	13° 5	29°19	1° 5	29°42	13°15	S 2
M 3	10 42 47	12°19'29	4°Y59	18°28	27°39	27°31	10°28	23°R19	10°47	5°19	13° 7	29°15	1° 2	29°49	13°19	M 3
T 4	10 46 43	13°19'40	19° 4	18°46	28°27	27°30	10°27	23°19	10°51	5°21	13° 8	29°12	0°59	29°55	13°23	T 4
W 5	10 50 40	14°19'49	2°B41	19° 9	29°16	27°28	10°27	23°19	10°54	5°24	13° 9	29°D12	0°56	0°02	13°27	W 5
T 6	10 54 37	15°19'56	15°52	19°37	0°00	27°25	10°D27	23°19	10°57	5°26	13°10	29°13	0°53	0° 9	13°31	T 6
F 7	10 58 33	16°20'02	28°38	20°10	0°57	27°21	10°27	23°18	11° 0	5°28	13°12	29°14	0°50	0°15	13°34	F 7
S 8	11 2 30	17°20'04	11°II 3	20°47	1°48	27°17	10°27	23°18	11° 3	5°30	13°13	29°15	0°46	0°22	13°38	S 8
S 9	11 6 26	18°20'05	23°13	21°29	2°40	27°12	10°27	23°17	11° 6	5°33	13°14	29°R15	0°43	0°29	13°42	S 9
M10	11 10 23	19°20'04	5°B12	22°14	3°32	27° 6	10°28	23°16	11°10	5°35	13°15	29°14	0°40	0°36	13°46	M10
T 11	11 14 19	20°20'00	17° 5	23° 2	4°25	26°59	10°29	23°16	11°13	5°37	13°16	29°11	0°37	0°42	13°50	T 11
W12	11 18 16	21°19'55	28°56	23°54	5°19	26°52	10°30	23°15	11°16	5°39	13°17	29° 6	0°34	0°49	13°53	W12
T 13	11 22 12	22°19'47	10°D50	24°49	6°13	26°44	10°31	23°14	11°19	5°42	13°18	29° 0	0°31	0°56	13°57	T 13
F 14	11 26 9	23°19'37	22°49	25°47	7° 8	26°35	10°32	23°13	11°23	5°44	13°19	28°53	0°27	1° 2	14° 1	F 14
S 15	11 30 6	24°19'25	4°II 55	26°48	8° 4	26°25	10°34	23°11	11°26	5°46	13°20	28°46	0°24	1° 9	14° 5	S 15
S 16	11 34 2	25°19'10	17°10	27°51	9° 0	26°14	10°35	23°10	11°29	5°48	13°21	28°41	0°21	1°16	14° 8	S 16
M17	11 37 59	26°18'54	29°36	28°57	9°56	26° 3	10°37	23° 9	11°33	5°50	13°22	28°36	0°18	1°23	14°12	M17
T 18	11 41 55	27°18'36	12°B13	0°H 5	10°53	25°51	10°40	23° 7	11°36	5°53	13°23	28°33	0°15	1°29	14°16	T 18
W19	11 45 52	28°18'16	25° 2	1°15	11°51	25°38	10°42	23° 6	11°39	5°55	13°24	28°D32	0°11	1°36	14°20	W19
T 20	11 49 48	29°17'54	8°M 2	2°27	12°49	25°25	10°44	23° 4	11°43	5°57	13°24	28°32	0° 8	1°43	14°23	T 20
F 21	11 53 45	0°Y17'30	21°16	3°41	13°47	25°10	10°47	23° 2	11°46	5°59	13°25	28°34	0° 5	1°50	14°27	F 21
S 22	11 57 41	1°17'05	4°J42	4°57	14°46	24°56	10°50	23° 0	11°49	6° 1	13°26	28°35	0° 2	1°56	14°31	S 22
S 23	12 1 38	2°16'38	18°23	6°15	15°45	24°40	10°53	22°58	11°53	6° 3	13°27	28°37	29°D59	2° 3	14°34	S 23
M24	12 5 34	3°16'09	2°B18	7°35	16°45	24°24	10°56	22°56	11°56	6° 5	13°27	28°R37	29°56	2°10	14°38	M24
T 25	12 9 31	4°15'38	16°28	8°56	17°45	24° 7	11° 0	22°54	12° 0	6° 7	13°28	28°37	29°52	2°16	14°41	T 25
W26	12 13 28	5°15'06	0°00	10°19	18°45	23°49	11° 3	22°52	12° 3	6° 9	13°29	28°35	29°49	2°23	14°45	W26
T 27	12 17 24	6°14'32	15°19	11°44	19°46	23°31	11° 7	22°50	12° 6	6°11	13°29	28°33	29°46	2°30	14°49	T 27
F 28	12 21 21	7°13'56	29°54	13°10	20°47	23°12	11°11	22°47	12°10	6°13	13°30	28°30	29°43	2°37	14°52	F 28
S 29	12 25 17	8°13'18	14°H27	14°38	21°48	22°53	11°15	22°45	12°13	6°15	13°30	28°27	29°40	2°43	14°56	S 29
S 30	12 29 14	9°12'38	28°52	16° 7	22°50	22°33	11°19	22°42	12°17	6°17	13°31	28°25	29°36	2°50	14°59	S 30
M31	12 33 10	10°Y11'56	13°Y 4	17°H38	23°00	22°13	11°24	22°M40	12°Y20	6°H19	13°31	28°D23	29°D33	2°05	15°H 3	M31

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
S 1	7s42	5s35	4n 8	13s39	1n49	16s36	4n25	7s58	2n49	23n15	0n14	16s19	2n21	3n38	0s39	10s13	0s40	20s 7	2n41	11s16	11s52	15n12	2s13	4n45	
S 2	7 19	0 48	3 13	13 50	1 36	16 34	4 18	7 57	2 50	23 16	0 14	16 19	2 21	3 39	0 39	10 12	0 40	20 7	2 41	11 14	11 51	15 11	2 12	4 45	
M 3	6 56	3n55	2 7	13 59	1 22	16 32	4 11	7 57	2 50	23 16	0 14	16 19	2 21	3 40	0 39	10 11	0 40	20 7	2 41	11 12	11 50	15 9	2 10	4 45	
T 4	6 33	8 18	0 54	14 6	1 9	16 29	4 4	7 56	2 50	23 16	0 14	16 19	2 22	3 41	0 39	10 10	0 40	20 7	2 41	11 11	11 49	15 8	2 9	4 45	
W 5	6 10	12 6	0s19	14 11	0 56	16 26	3 57	7 55	2 50	23 16	0 15	16 19	2 22	3 43	0 39	10 9	0 40	20 7	2 41	11 11	11 48	15 7	2 7	4 45	
T 6	5 47	15 10	1 29	14 15	0 43	16 23	3 49	7 54	2 51	23 16	0 15	16 18	2 22	3 44	0 39	10 9	0 40	20 7	2 41	11 12	11 47	15 5	2 6	4 45	
F 7	5 24	17 22	2 33	14 16	0 31	16 19	3 42	7 52	2 51	23 16	0 15	16 18	2 22	3 45	0 39	10 8	0 40	20 7	2 41	11 12	11 46	15 4	2 5	4 45	
S 8	5 0	18 41	3 27	14 16	0 19	16 15	3 35	7 50	2 51	23 16	0 15	16 18	2 22	3 46	0 39	10 7	0 40	20 7	2 41	11 12	11 44	15 2	2 3	4 45	
S 9	4 37	19 5	4 11	14 14	0 7	16 11	3 28	7 48	2 51	23 16	0 15	16 17	2 23	3 48	0 39	10 6	0 40	20 7	2 41	11 12	11 43	15 1	2 2	4 44	
M10	4 13	18 37	4 43	14 10	0s 4	16 6	3 21	7 46	2 51	23 16	0 15	16 17	2 23	3 49	0 39	10 5	0 40	20 6	2 41	11 12	11 42	15 0	2 0	4 44	
T 11	3 50	17 20	5 3	14 5	0 15	16 0	3 14	7 44	2 51	23 16	0 15	16 17	2 23	3 50	0 39	10 5	0 41	20 6	2 41	11 11	11 41	14 58	1 59	4 44	
W12	3 26	15 18	5 10	13 58	0 26	15 54	3 7	7 41	2 52	23 16	0 15	16 16	2 23	3 52	0 39	10 4	0 41	20 6	2 41	11 9	11 40	14 57	1 57	4 44	
T 13	3 3	12 38	5 4	13 49	0 36	15 48	3 1	7 38	2 52	23 16	0 15	16 16	2 23	3 53	0 39	10 3	0 41	20 6	2 41	11 7	11 39	14 55	1 56	4 44	
F 14	2 39	9 26	4 44	13 38	0 46	15 41	2 54	7 35	2 51	23 16	0 15	16 15	2 24	3 54	0 39	10 2	0 41	20 6	2 41	11 5	11 38	14 54	1 55	4 44	
S 15	2 15	5 48	4 11	13 27	0 55	15 34	2 47	7 32	2 51	23 16	0 15	16 15	2 24	3 55	0 39	10 1	0 41	20 6	2 41	11 2	11 37	14 52	1 53	4 44	
S 16	1 52	1 54	3 27	13 13	1 4	15 26	2 40	7 28	2 51	23 16	0 15	16 14	2 24	3 57	0 39	10 1	0 41	20 6	2 41	11 0	11 36	14 51	1 52	4 44	
M17	1 28	2s 9	2 31	12 58	1 12	15 18	2 33	7 24	2 51	23 16	0 15	16 14	2 24	3 58	0 39	10 0	0 41	20 6	2 41	10 59	11 34	14 50	1 50	4 44	
T 18	1 4	6 11	1 28	12 42	1 20	15 9	2 26	7 20	2 51	23 16	0 15	16 13	2 24	3 59	0 39	9 59	0 41	20 6	2 41	10 58	11 33	14 48	1 49	4 44	
W19	0 40	9 59	0 19	12 24	1 28	15 0	2 20	7 16	2 50	23 16	0 16	16 13	2 25	4 1	0 39	9 58	0 41	20 6	2 41	10 57	11 32	14 47	1 48	4 44	
T 20	0 17	13 22	0n52	12 4	1 35	14 50	2 13	7 11	2 50	23 16	0 16	16 12	2 25	4 2	0 39	9 58	0 41	20 6	2 41	10 57	11 31	14 45	1 46	4 44	
F 21	0n 7	16 7	2 1	11 44	1 41	14 40	2 7	7 6	2 50	23 15	0 16	16 12	2 25	4 3	0 39	9 57	0 41	20 6	2 41	10 58	11 30	14 44	1 45	4 44	
S 22	0 31	18 2	3 5	11 22	1 47	14 29	2 0	7 2	2 49	23 15	0 16	16 11	2 25	4 5	0 39	9 56	0 41	20 6	2 41	10 58	11 29	14 43	1 43	4 44	
S 23	0 54	18 56	4 0	10 58	1 53	14 18	1 54	6 56	2 48	23 15	0 16	16 10	2 25	4 6	0 39	9 55	0 41	20 6	2 41	10 59	11 28	14 41	1 42	4 44	
M24	1 18	18 43	4 42	10 33	1 58	14 7	1 47	6 51	2 48	23 15	0 16	16 10	2 25	4 7	0 39	9 55	0 41	20 5	2 41	10 59	11 27	14 40	1 40	4 44	
T 25	1 42	17 20	5 7	10 7	2 3	13 55	1 41	6 46	2 47	23 15	0 16	16 9	2 26	4 9	0 39	9 54	0 41	20 5	2 41	10 59	11 26	14 38	1 39	4 44	
W26	2 5	14 52	5 14	9 40	2 7	13 42	1 35	6 40	2 46	23 14	0 16	16 8	2 26	4 10	0 39	9 53	0 41	20 5	2 41	10 58	11 24	14 37	1 38	4 45	
T 27	2 29	11 26	5 1	9 11	2 11	13 29	1 28	6 34	2 46	23 14	0 16	16 7	2 26	4 11	0 39	9 52	0 41	20 5	2 41	10 57	11 23	14 35	1 36	4 45	
F 28	2 52	7 19	4 29	8 41	2 15	13 16	1 22	6 28	2 45	23 14	0 16	16 7	2 26	4 13	0 39	9 52	0 41	20 5	2 41	10 56	11 22	14 34	1 35	4 45	
S 29	3 16	2 45	3 39	8 10	2 18	13 2	1 16	6 22	2 44	23 14	0 16	16 6	2 26	4 14	0 39	9 51	0 41	20 5	2 41	10 55	11 21	14 33	1 33	4 45	
S 30	3 39	1n56	2 36	7 38	2 20	12 48	1 10	6 15	2 43	23 13	0 16	16 5	2 26	4 15	0 39	9 50	0 41	20 5	2 41	10 54	11 20	14 31	1 32	4 45	
M31	4n 2	6n26	1n23	7s 4	2s22	12s33	1n 4	6s 9	2n41	23n13	0n16	16s 4	2n26	4n17	0s39	9s49	0s41	20s 5	2n41	10s54	11s19	14n30	1s31	4n45	

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

APRIL 2014

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	12 37 7	11°11'13	26°58	19°10	24°54	21°R52	11°29	22°R37	12°Y24	6°H21	13°32	28°D23	29°230	3°L 3	15°H 6	T 1	
W 2	12 41 3	12°10'27	10°30	20°43	25°56	21°231	11°33	22°M34	12°27	6°23	13°32	28°23	29°27	3°10	15°10	W 2	
T 3	12 45 0	13° 9'39	23°40	22°19	26°59	21° 9	11°38	22°31	12°30	6°25	13°33	28°24	29°24	3°17	15°13	T 3	
F 4	12 48 57	14° 8'49	6°II28	23°55	28° 2	20°47	11°44	22°28	12°34	6°27	13°33	28°25	29°21	3°24	15°17	F 4	
S 5	12 52 53	15° 7'56	18°57	25°33	29° 6	20°25	11°49	22°25	12°37	6°29	13°33	28°26	29°17	3°30	15°20	S 5	
S 6	12 56 50	16° 7'01	1°21	27°13	0°H 9	20° 2	11°54	22°22	12°41	6°31	13°34	28°27	29°14	3°37	15°24	S 6	
M 7	13 0 46	17° 6'04	13°13	28°54	1°13	19°40	12° 0	22°19	12°44	6°33	13°34	28°R28	29°11	3°44	15°27	M 7	
T 8	13 4 43	18° 5'05	25° 8	0°Y36	2°17	19°17	12° 6	22°16	12°48	6°35	13°34	28°28	29° 8	3°51	15°30	T 8	
W 9	13 8 39	19° 4'04	7°L 1	2°20	3°21	18°54	12°12	22°12	12°51	6°36	13°34	28°27	29° 5	3°57	15°34	W 9	
T 10	13 12 36	20° 3'00	18°55	4° 5	4°26	18°31	12°18	22° 9	12°54	6°38	13°34	28°26	29° 2	4° 4	15°37	T 10	
F 11	13 16 32	21° 1'53	0°M57	5°52	5°30	18° 8	12°24	22° 5	12°58	6°40	13°35	28°25	28°58	4°11	15°40	F 11	
S 12	13 20 29	22° 0'45	13° 8	7°41	6°35	17°45	12°30	22° 2	13° 1	6°42	13°35	28°24	28°55	4°17	15°43	S 12	
S 13	13 24 26	22°59'34	25°31	9°30	7°40	17°22	12°37	21°58	13° 5	6°43	13°35	28°24	28°52	4°24	15°46	S 13	
M14	13 28 22	23°58'22	8°210	11°22	8°46	16°59	12°44	21°54	13° 8	6°45	13°35	28°23	28°49	4°31	15°50	M14	
T 15	13 32 19	24°57'07	21° 4	13°15	9°51	16°36	12°51	21°51	13°11	6°47	13°R35	28°23	28°46	4°38	15°53	T 15	
W16	13 36 15	25°55'50	4°M14	15° 9	10°57	16°14	12°58	21°47	13°15	6°48	13°35	28°D23	28°42	4°44	15°56	W16	
T 17	13 40 12	26°54'31	17°39	17° 5	12° 3	15°52	13° 5	21°43	13°18	6°50	13°35	28°23	28°39	4°51	15°59	T 17	
F 18	13 44 8	27°53'11	1°J18	19° 3	13° 9	15°30	13°12	21°39	13°21	6°52	13°35	28°23	28°36	4°58	16° 2	F 18	
S 19	13 48 5	28°51'49	15° 9	21° 2	14°15	15° 8	13°19	21°35	13°25	6°53	13°35	28°R23	28°33	5° 4	16° 5	S 19	
S 20	13 52 1	29°50'25	29° 9	23° 2	15°21	14°47	13°27	21°31	13°28	6°55	13°34	28°23	28°30	5°11	16° 8	S 20	
M21	13 55 58	0°B49'00	13°316	25° 4	16°28	14°26	13°34	21°27	13°31	6°56	13°34	28°23	28°27	5°18	16°11	M21	
T 22	13 59 55	1°47'32	27°27	27° 7	17°34	14° 5	13°42	21°23	13°35	6°58	13°34	28°D23	28°23	5°25	16°14	T 22	
W23	14 3 51	2°46'04	11°221	29°12	18°41	13°45	13°50	21°19	13°38	6°59	13°34	28°23	28°20	5°31	16°17	W23	
T 24	14 7 48	3°44'33	25°54	1°B17	19°48	13°25	13°58	21°15	13°41	7° 1	13°34	28°23	28°17	5°38	16°19	T 24	
F 25	14 11 44	4°43'01	10°H 5	3°24	20°55	13° 6	14° 6	21°11	13°45	7° 2	13°33	28°23	28°14	5°45	16°22	F 25	
S 26	14 15 41	5°41'28	24°10	5°31	22° 2	12°48	14°15	21° 6	13°48	7° 4	13°33	28°24	28°11	5°52	16°25	S 26	
S 27	14 19 37	6°39'52	8°Y 6	7°40	23°10	12°30	14°23	21° 2	13°51	7° 5	13°33	28°25	28° 7	5°58	16°28	S 27	
M28	14 23 34	7°38'15	21°52	9°48	24°17	12°13	14°32	20°58	13°54	7° 6	13°32	28°R25	28° 4	6° 5	16°30	M28	
T 29	14 27 30	8°36'37	5°B23	11°57	25°25	11°56	14°40	20°54	13°57	7° 8	13°32	28°25	28° 1	6°12	16°33	T 29	
W30	14 31 27	9°34'56	18°B39	14°B 6	26°H32	11°240	14°249	20°M49	14°Y 1	7°H 9	13°31	28°24	27°258	6°L18	16°H36	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	decl	lat	decl	lat	decl	lat					
T 1	4n26	10n31	0n 8	6s29	2s24	12s18	0n58	6s 2	2n40	23n13	0n16	16s 3	2n27	4n18	0s39	9s49	0s41	20s 5	2n41	10s54	11s18	14n28	1s29	4n45																
W 2	4 49	13 55	1s 6	5 53	2 25	12 3	0 52	5 56	2 39	23 12	0 16	16 3	2 27	4 19	0 39	9 48	0 41	20 5	2 40	10 54	11 17	14 27	1 28	4 45																
T 3	5 12	16 30	2 15	5 16	2 25	11 47	0 47	5 49	2 38	23 12	0 17	16 2	2 27	4 21	0 39	9 47	0 41	20 5	2 40	10 54	11 15	14 25	1 26	4 45																
F 4	5 35	18 11	3 15	4 38	2 25	11 31	0 41	5 42	2 36	23 12	0 17	16 1	2 27	4 22	0 39	9 47	0 41	20 5	2 40	10 55	11 14	14 24	1 25	4 45																
S 5	5 58	18 55	4 5	3 59	2 25	11 14	0 36	5 35	2 35	23 11	0 17	16 0	2 27	4 23	0 39	9 46	0 41	20 5	2 40	10 55	11 13	14 22	1 24	4 45																
S 6	6 20	18 44	4 42	3 19	2 24	10 57	0 30	5 28	2 33	23 11	0 17	15 59	2 27	4 25	0 39	9 45	0 41	20 5	2 40	10 55	11 12	14 21	1 22	4 45																
M 7	6 43	17 43	5 5	2 37	2 23	10 39	0 25	5 21	2 31	23 10	0 17	15 58	2 27	4 26	0 39	9 45	0 41	20 5	2 40	10 56	11 11	14 19	1 21	4 45																
T 8	7 5	15 55	5 16	1 55	2 21	10 21	0 19	5 14	2 30	23 10	0 17	15 57	2 28	4 27	0 39	9 44	0 41	20 5	2 40	10 56	11 10	14 18	1 20	4 45																
W 9	7 28	13 28	5 13	1 11	2 18	10 3	0 14	5 7	2 28	23 9	0 17	15 56	2 28	4 29	0 39	9 43	0 41	20 5	2 40	10 55	11 9	14 17	1 18	4 45																
T 10	7 50	10 27	4 57	0 27	2 16	9 45	0 9	5 0	2 26	23 9	0 17	15 55	2 28	4 30	0 39	9 43	0 41	20 5	2 40	10 55	11 8	14 15	1 17	4 45																
F 11	8 12	6 58	4 27	0n18	2 12	9 26	0 4	4 53	2 24	23 8	0 17	15 54	2 28	4 31	0 39	9 42	0 41	20 5	2 40	10 55	11 6	14 14	1 16	4 46																
S 12	8 34	3 9	3 45	1 5	2 8	9 6	0s 1	4 46	2 22	23 8	0 17	15 53	2 28	4 33	0 39	9 41	0 41	20 5	2 40	10 54	11 5	14 12	1 14	4 46																
S 13	8 56	0s51	2 52	1 52	2 4	8 47	0 6	4 39	2 20	23 7	0 17	15 52	2 28	4 34	0 39	9 41	0 41	20 5	2 40	10 54	11 4	14 11	1 13	4 46																
M14	9 18	4 55	1 50	2 40	1 59	8 27	0 11	4 33	2 18	23 7	0 17	15 51	2 28	4 35	0 39	9 40	0 41	20 5	2 40	10 54	11 3	14 9	1 12	4 46																
T 15	9 40	8 51	0 40	3 29	1 54	8 6	0 15	4 26	2 16	23 6	0 17	15 50	2 28	4 37	0 39	9 40	0 41	20 5	2 40	10 54	11 2	14 8	1 10	4 46																
W16	10 1	12 25	0n32	4 19	1 48	7 46	0 20	4 19	2 14	23 5	0 17	15 49	2 28	4 38	0 39	9 39	0 41	20 5	2 40	10 54	11 1	14 6	1 9	4 46																
T 17	10 22	15 25	1 45	5 9	1 41	7 25	0 24	4 13	2 11	23 5	0 17	15 48	2 28	4 39	0 39	9 38	0 41	20 5	2 40	10 54	11 0	14 5	1 8	4 46																
F 18	10 43	17 36	2 53	6 0	1 34	7 4	0 29	4 7	2 9	23 4	0 17	15 47	2 29	4 41	0 39	9 38	0 41	20 5	2 40	10 54	10 59	14 3	1 6	4 46																
S 19	11 4	18 47	3 51	6 52	1 27	6 42	0 33	4 0	2 7	23 3	0 17	15 46	2 29	4 42	0 39	9 37	0 41	20 5	2 40	10 54	10 57	14 2	1 5	4 46																
S 20	11 25	18 49	4 37	7 44	1 19	6 21	0 37	3 54	2 4	23 3	0 18	15 45	2 29	4 43	0 39	9 37	0 41	20 5	2 40	10 54	10 56	14 0	1 4	4 47																
M21	11 45	17 42	5 6	8 36	1 11	5 58	0 41	3 49	2 2	23 2	0 18	15 44	2 29	4 44	0 39	9 36	0 41	20 5	2 40	10 54	10 55	13 59	1 3	4 47																
T 22	12 6	15 29	5 17	9 29	1 2	5 36	0 45	3 43	2 0	23 1	0 18	15 43	2 29	4 46	0 39	9 36	0 41	20 5	2 40	10 54	10 54	13 57	1 1	4 47																
W23	12 26	12 20	5 9	10 21	0 53	5 14	0 49	3 38	1 57	23 1	0 18	15 42	2 29	4 47	0 39	9 35	0 41	20 5	2 40	10 54	10 53	13 56	1 0	4 47																
T 24	12 46	8 28	4 41	11 14	0 44	4 51	0 53	3 32	1 55	23 0	0 18	15 40	2 29	4 48	0 39	9 35	0 42	20 5	2 40	10 54	10 52	13 54	0 59	4 47																
F 25	13 5	4 8	3 57	12 7	0 34	4 28	0 56	3 27	1 52	22 59	0 18	15 39	2 29	4 49	0 39	9 34	0 42	20 5	2 40	10 54	10 51	13 53	0 58	4 47																
S 26	13 25	0n25	2 59	12 59	0 24	4 5	1 0	3 22	1 49	22 58	0 18	15 38	2 29	4 51	0 39	9 34	0 42	20 5	2 40	10 54	10 49	13 51	0 57	4 47																
S 27	13 44	4 54	1 50	13 51	0 14	3 41	1 4	3 18	1 47	22 57	0 18	15 37	2 29	4 52	0 39	9 33	0 42	20 6	2 40	10 54	10 48	13 50	0 55	4 48																
M28	14 3	9 5	0 36	14 42	0 3	3 18	1 7	3 14	1 44	22 56	0 18	15 36	2 29	4 53	0 39	9 33	0 42	20 6	2 40	10 55	10 47	13 48	0 54	4 48																
T 29	14 22	12 43	0s39	15 32	0n 8	2 54	1 10	3 9	1 42	22 56	0 18	15 35	2 29	4 54	0 39	9 32	0 42	20 6	2 40	10 55	10 46	13 47	0 53	4 48																
W30	14n41	15n37	1s50	16n22	0n18	2s30	1s13	3s 6	1n39	22n55	0n18	15s34	2n29	4n56	0s39	9s32	0s42	20s 6	2n40	10s54	10s45	13n45	0s52	4n48																

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

MAY 2014

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 35 23	10♈33'14	1♊39	16♈15	27♈40	11°R25	14♈58	20°R45	14♈4	7♈10	13°R31	28°R23	27♈55	6♈25	16♈38	T 1
F 2	14 39 20	11°31'30	14°22	18°23	28°48	11♈10	15°7	20♈40	14°7	7°11	13♈30	28♈22	27°52	6°32	16°41	F 2
S 3	14 43 17	12°29'44	26°49	20°31	29°56	10°56	15°16	20°36	14°10	7°13	13°30	28°20	27°48	6°39	16°43	S 3
S 4	14 47 13	13°27'56	9♈5	22°37	1♈4	10°43	15°25	20°32	14°13	7°14	13°29	28°18	27°45	6°45	16°46	S 4
M 5	14 51 10	14°26'06	21°2	24°42	2°13	10°31	15°35	20°27	14°16	7°15	13°29	28°16	27°42	6°52	16°48	M 5
T 6	14 55 6	15°24'15	3♈1	26°45	3°21	10°19	15°44	20°23	14°19	7°16	13°28	28°15	27°39	6°59	16°50	T 6
W 7	14 59 3	16°22'21	14°54	28°46	4°29	10°9	15°54	20°18	14°22	7°17	13°28	28°D14	27°36	7°5	16°53	W 7
T 8	15 2 59	17°20'25	26°48	0♈45	5°38	9°59	16°3	20°14	14°25	7°18	13°27	28°14	27°33	7°12	16°55	T 8
F 9	15 6 56	18°18'28	8♈50	2°41	6°46	9°50	16°13	20°9	14°28	7°19	13°26	28°15	27°29	7°19	16°57	F 9
S 10	15 10 52	19°16'28	21°2	4°34	7°55	9°41	16°23	20°5	14°31	7°20	13°26	28°17	27°26	7°26	16°59	S 10
S 11	15 14 49	20°14'27	3♈30	6°25	9°4	9°34	16°33	20°0	14°34	7°21	13°25	28°18	27°23	7°32	17°1	S 11
M12	15 18 46	21°12'24	16°16	8°13	10°13	9°27	16°43	19°56	14°37	7°22	13°24	28°20	27°20	7°39	17°4	M12
T 13	15 22 42	22°10'19	29°23	9°57	11°22	9°21	16°53	19°51	14°40	7°23	13°23	28°R20	27°17	7°46	17°6	T 13
W14	15 26 39	23°8'12	12♈51	11°38	12°31	9°16	17°4	19°47	14°43	7°24	13°23	28°19	27°13	7°53	17°8	W14
T 15	15 30 35	24°6'04	26°40	13°16	13°40	9°11	17°14	19°42	14°46	7°25	13°22	28°17	27°10	7°59	17°10	T 15
F 16	15 34 32	25°3'55	10♈46	14°51	14°49	9°8	17°24	19°38	14°49	7°26	13°21	28°14	27°7	8°6	17°11	F 16
S 17	15 38 28	26°1'44	25°5	16°22	15°58	9°5	17°35	19°33	14°51	7°26	13°20	28°11	27°4	8°13	17°13	S 17
S 18	15 42 25	26°59'32	9♈31	17°50	17°7	9°3	17°45	19°29	14°54	7°27	13°19	28°7	27°1	8°19	17°15	S 18
M19	15 46 21	27°57'19	24°0	19°13	18°17	9°2	17°56	19°24	14°57	7°28	13°18	28°3	26°58	8°26	17°17	M19
T 20	15 50 18	28°55'05	8♈26	20°34	19°26	9°D 2	18°7	19°20	15°0	7°29	13°17	28°0	26°54	8°33	17°19	T 20
W21	15 54 15	29°52'49	22°44	21°50	20°36	9°2	18°18	19°15	15°2	7°29	13°16	27°59	26°51	8°40	17°20	W21
T 22	15 58 11	0♈50'33	6♈52	23°3	21°46	9°3	18°29	19°11	15°5	7°30	13°15	27°D59	26°48	8°46	17°22	T 22
F 23	16 2 8	1°48'15	20°48	24°12	22°55	9°5	18°40	19°7	15°7	7°31	13°14	28°0	26°45	8°53	17°23	F 23
S 24	16 6 4	2°45'56	4♈33	25°18	24°5	9°7	18°51	19°2	15°10	7°31	13°13	28°1	26°42	9°0	17°25	S 24
S 25	16 10 1	3°43'37	18°4	26°19	25°15	9°11	19°2	18°58	15°13	7°32	13°12	28°3	26°39	9°6	17°26	S 25
M26	16 13 57	4°41'16	1♈24	27°16	26°25	9°15	19°13	18°54	15°15	7°32	13°11	28°R 3	26°35	9°13	17°28	M26
T 27	16 17 54	5°38'54	14°32	28°10	27°35	9°20	19°25	18°49	15°18	7°33	13°10	28°2	26°32	9°20	17°29	T 27
W28	16 21 50	6°36'32	27°27	28°59	28°45	9°25	19°36	18°45	15°20	7°33	13°9	27°59	26°29	9°27	17°30	W28
T 29	16 25 47	7°34'08	10♈10	29°44	29°55	9°31	19°47	18°41	15°22	7°33	13°8	27°54	26°26	9°33	17°32	T 29
F 30	16 29 44	8°31'43	22°41	0♈25	1♈5	9°38	19°59	18°37	15°25	7°34	13°7	27°47	26°23	9°40	17°33	F 30
S 31	16 33 40	9♈29'17	5♈0	1♈1	2♈15	9♈46	20♈11	18♈33	15♈27	7♈34	13♈5	27♈40	26♈19	9♈47	17♈34	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
T 1	14n59	17n39	2s54	17n10	0n29	2s 6	1s16	3s 2	1n36	22n54	0n18	15s32	2n29	4n57	0s39	T 1
F 2	15 17	18 45	3 48	17 56	0 39	1 41	1 19	2 59	1 34	22 53	0 18	15 31	2 29	4 58	0 39	F 2
S 3	15 35	18 55	4 29	18 41	0 50	1 17	1 22	2 56	1 31	22 52	0 18	15 30	2 29	4 59	0 39	S 3
S 4	15 53	18 10	4 58	19 23	1 0	0 52	1 25	2 53	1 28	22 51	0 18	15 29	2 29	5 0	0 39	S 4
M 5	16 10	16 37	5 13	20 4	1 10	0 28	1 28	2 51	1 26	22 50	0 18	15 28	2 29	5 2	0 39	M 5
T 6	16 27	14 23	5 14	20 43	1 19	0 3	1 30	2 49	1 23	22 49	0 18	15 27	2 29	5 3	0 39	T 6
W 7	16 44	11 32	5 2	21 19	1 28	0n22	1 33	2 47	1 20	22 48	0 18	15 25	2 29	5 4	0 39	W 7
T 8	17 0	8 14	4 37	21 53	1 37	0 47	1 35	2 46	1 18	22 47	0 19	15 24	2 29	5 5	0 39	T 8
F 9	17 17	4 33	4 0	22 24	1 45	1 12	1 37	2 44	1 15	22 45	0 19	15 23	2 29	5 6	0 39	F 9
S 10	17 33	0 37	3 11	22 53	1 52	1 37	1 39	2 44	1 12	22 44	0 19	15 22	2 29	5 7	0 39	S 10
S 11	17 48	3s25	2 13	23 19	1 58	2 2	1 41	2 43	1 10	22 43	0 19	15 21	2 29	5 9	0 39	S 11
M12	18 3	7 25	1 6	23 43	2 4	2 27	1 43	2 43	1 7	22 42	0 19	15 20	2 29	5 10	0 39	M12
T 13	18 19	11 10	0n 6	24 4	2 9	2 53	1 45	2 43	1 5	22 41	0 19	15 18	2 29	5 11	0 39	T 13
W14	18 33	14 26	1 19	24 23	2 14	3 18	1 47	2 43	1 2	22 40	0 19	15 17	2 29	5 12	0 39	W14
T 15	18 48	16 59	2 29	24 39	2 17	3 43	1 49	2 44	1 0	22 38	0 19	15 16	2 29	5 13	0 39	T 15
F 16	19 2	18 33	3 32	24 53	2 20	4 9	1 50	2 45	0 57	22 37	0 19	15 15	2 29	5 14	0 39	F 16
S 17	19 16	18 58	4 22	25 5	2 21	4 34	1 51	2 46	0 55	22 36	0 19	15 14	2 29	5 15	0 39	S 17
S 18	19 29	18 10	4 56	25 14	2 22	4 59	1 53	2 47	0 52	22 34	0 19	15 13	2 29	5 16	0 39	S 18
M19	19 42	16 11	5 12	25 22	2 22	5 25	1 54	2 49	0 50	22 33	0 19	15 12	2 29	5 17	0 39	M19
T 20	19 55	13 12	5 7	25 27	2 22	5 50	1 55	2 51	0 47	22 32	0 19	15 10	2 28	5 18	0 39	T 20
W21	20 7	9 27	4 44	25 31	2 20	6 15	1 56	2 53	0 45	22 30	0 19	15 9	2 28	5 19	0 39	W21
T 22	20 19	5 13	4 4	25 32	2 17	6 40	1 57	2 56	0 43	22 29	0 19	15 8	2 28	5 20	0 39	T 22
F 23	20 31	0 45	3 9	25 32	2 14	7 5	1 58	2 59	0 40	22 27	0 19	15 7	2 28	5 21	0 39	F 23
S 24	20 43	3n43	2 5	25 30	2 9	7 30	1 59	3 2	0 38	22 26	0 19	15 6	2 28	5 22	0 39	S 24
S 25	20 54	7 55	0 54	25 27	2 4	7 55	1 59	3 5	0 36	22 24	0 19	15 5	2 28	5 23	0 39	S 25
M26	21 4	11 40	0s18	25 22	1 58	8 20	2 0	3 9	0 34	22 23	0 20	15 4	2 28	5 24	0 39	M26
T 27	21 15	14 47	1 28	25 16	1 51	8 44	2 0	3 13	0 31	22 21	0 20	15 3	2 28	5 25	0 39	T 27
W28	21 25	17 6	2 33	25 9	1 43	9 9	2 1	3 17	0 29	22 20	0 20	15 2	2 28	5 26	0 39	W28
T 29	21 34	18 32	3 29	25 0	1 34	9 33	2 1	3 21	0 27	22 18	0 20	15 1	2 28	5 27	0 39	T 29
F 30	21 43	19 1	4 13	24 50	1 24	9 57	2 1	3 26	0 25	22 16	0 20	15 0	2 27	5 28	0 39	F 30
S 31	21n52	18n36	4s45	24n39	1n14	10n22	2s 1	3s31	0n23	22n15	0n20	14s59	2n27	5n29	0s39	S 31

Julian Day Number = 2456778.5, Delta T = 67.40 sec  
 Ecliptic obliquity = 23°26'07, Nutation = 0°00'07, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°56'26, Lahiri = 24°03'26

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

JUNE 2014

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 37 37	10 <sup>II</sup> 26°50	17 <sup>☾</sup> 9	19 <sup>♂</sup> 33	3 <sup>♂</sup> 25	9 <sup>♂</sup> 54	20 <sup>♂</sup> 22	18°R29	15 <sup>♂</sup> 29	7 <sup>♂</sup> 34	13°R 4	27°R32	26 <sup>♂</sup> 16	9 <sup>♂</sup> 54	17 <sup>♂</sup> 35	S 1
M 2	16 41 33	11°24'21	29° 9	2° 1	4°36	10° 3	20°34	18 <sup>♂</sup> 25	15°32	7°35	13 <sup>♂</sup> 3	27 <sup>♂</sup> 25	26°13	10° 0	17°36	M 2
T 3	16 45 30	12°21'51	11 <sup>♂</sup> 9	2°24	5°46	10°13	20°46	18°21	15°34	7°35	13° 2	27°19	26°10	10° 7	17°37	T 3
W 4	16 49 26	13°19'20	22°55	2°42	6°56	10°23	20°58	18°17	15°36	7°35	13° 0	27°15	26° 7	10°14	17°38	W 4
T 5	16 53 23	14°16'48	4 <sup>♂</sup> 48	2°56	8° 7	10°34	21°10	18°13	15°38	7°35	12°59	27°13	26° 4	10°20	17°39	T 5
F 6	16 57 19	15°14'14	16°47	3° 5	9°17	10°45	21°22	18°10	15°40	7°36	12°58	27°D12	26° 0	10°27	17°40	F 6
S 7	17 1 16	16°11'39	28°58	3°R 9	10°28	10°57	21°34	18° 6	15°42	7°36	12°57	27°13	25°57	10°34	17°40	S 7
S 8	17 5 13	17° 9'04	11 <sup>♂</sup> 25	3° 9	11°38	11°10	21°46	18° 2	15°44	7°36	12°55	27°14	25°54	10°41	17°41	S 8
M 9	17 9 9	18° 6'27	24°12	3° 5	12°49	11°23	21°58	17°59	15°46	7°36	12°54	27°R15	25°51	10°47	17°42	M 9
T 10	17 13 6	19° 3'49	7 <sup>♂</sup> 24	2°56	14° 0	11°37	22°10	17°55	15°48	7°R36	12°53	27°15	25°48	10°54	17°42	T 10
W11	17 17 2	20° 1'10	21° 2	2°43	15°10	11°51	22°22	17°52	15°50	7°36	12°51	27°12	25°45	11° 1	17°43	W11
T 12	17 20 59	20°58'30	5 <sup>♂</sup> 6	2°26	16°21	12° 6	22°35	17°48	15°52	7°36	12°50	27° 8	25°41	11° 7	17°44	T 12
F 13	17 24 55	21°55'49	19°33	2° 6	17°32	12°22	22°47	17°45	15°54	7°36	12°49	27° 1	25°38	11°14	17°44	F 13
S 14	17 28 52	22°53'08	4 <sup>♂</sup> 16	1°42	18°43	12°38	22°59	17°42	15°56	7°35	12°47	26°53	25°35	11°21	17°44	S 14
S 15	17 32 49	23°50'26	19°10	1°15	19°54	12°54	23°12	17°38	15°58	7°35	12°46	26°45	25°32	11°28	17°45	S 15
M16	17 36 45	24°47'44	4 <sup>♂</sup> 3	0°45	21° 5	13°11	23°24	17°35	15°59	7°35	12°44	26°37	25°29	11°34	17°45	M16
T 17	17 40 42	25°45'01	18°49	0°14	22°16	13°29	23°37	17°32	16° 1	7°35	12°43	26°31	25°25	11°41	17°45	T 17
W18	17 44 38	26°42'17	3 <sup>♂</sup> 21	29 <sup>♂</sup> 41	23°27	13°47	23°49	17°29	16° 3	7°35	12°42	26°26	25°22	11°48	17°45	W18
T 19	17 48 35	27°39'34	17°35	29° 7	24°38	14° 5	24° 2	17°26	16° 4	7°34	12°40	26°24	25°19	11°54	17°45	T 19
F 20	17 52 31	28°36'50	1 <sup>♂</sup> 28	28°32	25°49	14°24	24°15	17°23	16° 6	7°34	12°39	26°D24	25°16	12° 1	17°46	F 20
S 21	17 56 28	29°34'06	15° 3	27°58	27° 0	14°44	24°27	17°21	16° 7	7°34	12°37	26°24	25°13	12° 8	17°R46	S 21
S 22	18 0 24	0 <sup>♂</sup> 31'22	28°20	27°25	28°11	15° 3	24°40	17°18	16° 9	7°33	12°36	26°R25	25°10	12°15	17°45	S 22
M23	18 4 21	1°28'38	11 <sup>♂</sup> 21	26°53	29°23	15°24	24°53	17°15	16°10	7°33	12°34	26°24	25° 6	12°21	17°45	M23
T 24	18 8 18	2°25'53	24° 9	26°23	0 <sup>♂</sup> 34	15°45	25° 6	17°13	16°11	7°33	12°33	26°20	25° 3	12°28	17°45	T 24
W25	18 12 14	3°23'09	6 <sup>♂</sup> 45	25°55	1°45	16° 6	25°18	17°10	16°13	7°32	12°31	26°15	25° 0	12°35	17°45	W25
T 26	18 16 11	4°20'24	19°12	25°31	2°57	16°27	25°31	17° 8	16°14	7°32	12°30	26° 6	24°57	12°41	17°45	T 26
F 27	18 20 7	5°17'39	1 <sup>♂</sup> 29	25° 9	4° 8	16°49	25°44	17° 6	16°15	7°31	12°28	25°55	24°54	12°48	17°44	F 27
S 28	18 24 4	6°14'54	13°38	24°51	5°20	17°12	25°57	17° 4	16°16	7°30	12°27	25°43	24°51	12°55	17°44	S 28
S 29	18 28 0	7°12'08	25°40	24°38	6°31	17°35	26°10	17° 1	16°18	7°30	12°25	25°31	24°47	13° 2	17°44	S 29
M30	18 31 57	8° <sup>♂</sup> 2'22	7 <sup>♂</sup> 35	24 <sup>♂</sup> 28	7 <sup>♂</sup> 43	17 <sup>♂</sup> 58	26° <sup>♂</sup> 23	16 <sup>♂</sup> 59	16° <sup>♂</sup> 19	7° <sup>♂</sup> 29	12° <sup>♂</sup> 24	25° <sup>♂</sup> 18	24° <sup>♂</sup> 44	13° <sup>♂</sup> 8	17° <sup>♂</sup> 43	M30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	22n 1	17n19	5s 3	24n28	1n 2	10n45	2s 1	3s36	0n21	22n13	0n20	14s58	2n27	5n29	0s39	9s23
M 2	22 9	15 18	5 8	24 15	0 50	11 9	2 1	3 42	0 19	22 11	0 20	14 57	2 27	5 30	0 39	9 23
T 3	22 16	12 39	5 0	24 2	0 37	11 33	2 1	3 47	0 17	22 10	0 20	14 56	2 27	5 31	0 39	9 23
W 4	22 24	9 29	4 38	23 47	0 23	11 56	2 0	3 53	0 15	22 8	0 20	14 55	2 27	5 32	0 39	9 23
T 5	22 31	5 57	4 5	23 33	0 9	12 19	2 0	3 59	0 13	22 6	0 20	14 54	2 27	5 33	0 39	9 23
F 6	22 37	2 8	3 21	23 17	0s 7	12 42	2 0	4 5	0 11	22 4	0 20	14 53	2 26	5 34	0 40	9 23
S 7	22 43	1s50	2 26	23 2	0 22	13 4	1 59	4 12	0 9	22 3	0 20	14 53	2 26	5 34	0 40	9 23
S 8	22 49	5 48	1 24	22 45	0 38	13 27	1 58	4 19	0 7	22 1	0 20	14 52	2 26	5 35	0 40	9 23
M 9	22 54	9 38	0 16	22 29	0 55	13 49	1 58	4 25	0 5	21 59	0 20	14 51	2 26	5 36	0 40	9 23
T 10	22 59	13 7	0n54	22 12	1 12	14 11	1 57	4 32	0 3	21 57	0 20	14 50	2 26	5 37	0 40	9 23
W11	23 4	16 1	2 4	21 56	1 29	14 32	1 56	4 40	0 2	21 55	0 21	14 49	2 26	5 37	0 40	9 23
T 12	23 8	18 3	3 9	21 39	1 46	14 53	1 55	4 47	0s 0	21 53	0 21	14 49	2 25	5 38	0 40	9 23
F 13	23 11	18 59	4 3	21 22	2 3	15 14	1 54	4 55	0 2	21 51	0 21	14 48	2 25	5 39	0 40	9 23
S 14	23 15	18 40	4 42	21 6	2 20	15 35	1 53	5 3	0 4	21 49	0 21	14 47	2 25	5 39	0 40	9 23
S 15	23 18	17 5	5 2	20 49	2 36	15 55	1 52	5 11	0 5	21 47	0 21	14 46	2 25	5 40	0 40	9 23
M16	23 20	14 20	5 2	20 34	2 52	16 15	1 51	5 19	0 7	21 45	0 21	14 46	2 25	5 41	0 40	9 23
T 17	23 22	10 42	4 42	20 19	3 7	16 34	1 49	5 27	0 9	21 43	0 21	14 45	2 24	5 41	0 40	9 23
W18	23 24	6 29	4 4	20 4	3 22	16 53	1 48	5 36	0 10	21 41	0 21	14 44	2 24	5 42	0 40	9 24
T 19	23 25	1 58	3 12	19 50	3 35	17 12	1 46	5 44	0 12	21 39	0 21	14 44	2 24	5 42	0 40	9 24
F 20	23 26	2n34	2 9	19 38	3 48	17 30	1 45	5 53	0 13	21 36	0 21	14 43	2 24	5 43	0 40	9 24
S 21	23 26	6 51	1 0	19 26	3 59	17 48	1 43	6 2	0 15	21 34	0 21	14 43	2 24	5 44	0 40	9 24
S 22	23 26	10 43	0s10	19 16	4 9	18 6	1 42	6 11	0 16	21 32	0 21	14 42	2 23	5 44	0 40	9 24
M23	23 26	13 59	1 19	19 6	4 17	18 23	1 40	6 20	0 18	21 30	0 21	14 42	2 23	5 45	0 40	9 25
T 24	23 25	16 31	2 22	18 59	4 25	18 40	1 38	6 30	0 19	21 28	0 21	14 41	2 23	5 45	0 40	9 25
W25	23 23	18 12	3 17	18 52	4 30	18 56	1 37	6 39	0 21	21 25	0 21	14 41	2 23	5 46	0 40	9 25
T 26	23 22	18 59	4 2	18 47	4 34	19 12	1 35	6 49	0 22	21 23	0 22	14 40	2 22	5 46	0 40	9 25
F 27	23 20	18 51	4 35	18 44	4 37	19 27	1 33	6 58	0 24	21 21	0 22	14 40	2 22	5 47	0 40	9 25
S 28	23 17	17 51	4 55	18 42	4 38	19 42	1 31	7 8	0 25	21 18	0 22	14 39	2 22	5 47	0 40	9 26
S 29	23 14	16 4	5 1	18 42	4 38	19 56	1 29	7 18	0 26	21 16	0 22	14 39	2 22	5 47	0 40	9 26
M30	23n11	13n37	4s54	18n43	4s36	20n10	1s27	7s28	0s28	21n14	0n22	14s39	2n22	5n48	0s40	9s26

Julian Day Number = 2456809.5, Delta T = 67.43 sec

Ecliptic obliquity = 23°26'06, Nutation = 0°00'07, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 24°56'30, Lahiri = 24°03'30

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

JULY 2014

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	18 35 53	9 <sup>55</sup> 6'36	19 <sup>02</sup> 27	24 <sup>00</sup> 24	8 <sup>11</sup> 54	18 <sup>02</sup> 21	26 <sup>02</sup> 36	16 <sup>00</sup> 58	16 <sup>00</sup> 20	7 <sup>00</sup> 29	12 <sup>00</sup> 22	25 <sup>00</sup> 8	24 <sup>00</sup> 41	13 <sup>00</sup> 15	17 <sup>00</sup> 43	T 1
W 2	18 39 50	10 <sup>00</sup> 3'50	1 <sup>00</sup> 17	24 <sup>00</sup> 23	10 <sup>00</sup> 6	18 <sup>00</sup> 45	26 <sup>00</sup> 49	16 <sup>00</sup> 56	16 <sup>00</sup> 21	7 <sup>00</sup> 28	12 <sup>00</sup> 21	25 <sup>00</sup> 0	24 <sup>00</sup> 38	13 <sup>00</sup> 22	17 <sup>00</sup> 42	W 2
T 3	18 43 47	11 <sup>00</sup> 1'03	13 <sup>00</sup> 9	24 <sup>00</sup> 28	11 <sup>00</sup> 18	19 <sup>00</sup> 10	27 <sup>00</sup> 2	16 <sup>00</sup> 54	16 <sup>00</sup> 22	7 <sup>00</sup> 27	12 <sup>00</sup> 19	24 <sup>00</sup> 54	24 <sup>00</sup> 35	13 <sup>00</sup> 28	17 <sup>00</sup> 41	T 3
F 4	18 47 43	11 <sup>00</sup> 58'16	25 <sup>00</sup> 7	24 <sup>00</sup> 38	12 <sup>00</sup> 29	19 <sup>00</sup> 34	27 <sup>00</sup> 15	16 <sup>00</sup> 52	16 <sup>00</sup> 23	7 <sup>00</sup> 27	12 <sup>00</sup> 18	24 <sup>00</sup> 51	24 <sup>00</sup> 31	13 <sup>00</sup> 35	17 <sup>00</sup> 41	F 4
S 5	18 51 40	12 <sup>00</sup> 55'28	7 <sup>00</sup> 15	24 <sup>00</sup> 52	13 <sup>00</sup> 41	19 <sup>00</sup> 59	27 <sup>00</sup> 29	16 <sup>00</sup> 51	16 <sup>00</sup> 23	7 <sup>00</sup> 26	12 <sup>00</sup> 16	24 <sup>00</sup> 50	24 <sup>00</sup> 28	13 <sup>00</sup> 42	17 <sup>00</sup> 40	S 5
S 6	18 55 36	13 <sup>00</sup> 52'41	19 <sup>00</sup> 39	25 <sup>00</sup> 12	14 <sup>00</sup> 53	20 <sup>00</sup> 25	27 <sup>00</sup> 42	16 <sup>00</sup> 49	16 <sup>00</sup> 24	7 <sup>00</sup> 25	12 <sup>00</sup> 15	24 <sup>00</sup> 50	24 <sup>00</sup> 25	13 <sup>00</sup> 49	17 <sup>00</sup> 39	S 6
M 7	18 59 33	14 <sup>00</sup> 49'53	2 <sup>00</sup> 23	25 <sup>00</sup> 36	16 <sup>00</sup> 5	20 <sup>00</sup> 51	27 <sup>00</sup> 55	16 <sup>00</sup> 48	16 <sup>00</sup> 25	7 <sup>00</sup> 24	12 <sup>00</sup> 13	24 <sup>00</sup> 50	24 <sup>00</sup> 22	13 <sup>00</sup> 55	17 <sup>00</sup> 38	M 7
T 8	19 3 29	15 <sup>00</sup> 47'05	15 <sup>00</sup> 33	26 <sup>00</sup> 6	17 <sup>00</sup> 17	21 <sup>00</sup> 17	28 <sup>00</sup> 8	16 <sup>00</sup> 47	16 <sup>00</sup> 26	7 <sup>00</sup> 23	12 <sup>00</sup> 12	24 <sup>00</sup> 49	24 <sup>00</sup> 19	14 <sup>00</sup> 2	17 <sup>00</sup> 37	T 8
W 9	19 7 26	16 <sup>00</sup> 44'16	29 <sup>00</sup> 11	26 <sup>00</sup> 41	18 <sup>00</sup> 29	21 <sup>00</sup> 43	28 <sup>00</sup> 21	16 <sup>00</sup> 45	16 <sup>00</sup> 26	7 <sup>00</sup> 22	12 <sup>00</sup> 10	24 <sup>00</sup> 45	24 <sup>00</sup> 16	14 <sup>00</sup> 9	17 <sup>00</sup> 36	W 9
T 10	19 11 22	17 <sup>00</sup> 41'28	13 <sup>00</sup> 19	27 <sup>00</sup> 20	19 <sup>00</sup> 40	22 <sup>00</sup> 10	28 <sup>00</sup> 35	16 <sup>00</sup> 44	16 <sup>00</sup> 27	7 <sup>00</sup> 22	12 <sup>00</sup> 9	24 <sup>00</sup> 40	24 <sup>00</sup> 12	14 <sup>00</sup> 15	17 <sup>00</sup> 35	T 10
F 11	19 15 19	18 <sup>00</sup> 38'40	27 <sup>00</sup> 54	28 <sup>00</sup> 5	20 <sup>00</sup> 52	22 <sup>00</sup> 37	28 <sup>00</sup> 48	16 <sup>00</sup> 43	16 <sup>00</sup> 28	7 <sup>00</sup> 21	12 <sup>00</sup> 7	24 <sup>00</sup> 31	24 <sup>00</sup> 9	14 <sup>00</sup> 22	17 <sup>00</sup> 34	F 11
S 12	19 19 16	19 <sup>00</sup> 35'52	12 <sup>00</sup> 51	28 <sup>00</sup> 54	22 <sup>00</sup> 4	23 <sup>00</sup> 4	29 <sup>00</sup> 1	16 <sup>00</sup> 42	16 <sup>00</sup> 28	7 <sup>00</sup> 20	12 <sup>00</sup> 6	24 <sup>00</sup> 21	24 <sup>00</sup> 6	14 <sup>00</sup> 29	17 <sup>00</sup> 33	S 12
S 13	19 23 12	20 <sup>00</sup> 33'03	28 <sup>00</sup> 2	29 <sup>00</sup> 49	23 <sup>00</sup> 17	23 <sup>00</sup> 32	29 <sup>00</sup> 14	16 <sup>00</sup> 42	16 <sup>00</sup> 28	7 <sup>00</sup> 19	12 <sup>00</sup> 5	24 <sup>00</sup> 11	24 <sup>00</sup> 3	14 <sup>00</sup> 36	17 <sup>00</sup> 32	S 13
M14	19 27 9	21 <sup>00</sup> 30'16	13 <sup>00</sup> 15	0 <sup>00</sup> 48	24 <sup>00</sup> 29	24 <sup>00</sup> 0	29 <sup>00</sup> 28	16 <sup>00</sup> 41	16 <sup>00</sup> 29	7 <sup>00</sup> 18	12 <sup>00</sup> 3	24 <sup>00</sup> 0	24 <sup>00</sup> 0	14 <sup>00</sup> 42	17 <sup>00</sup> 31	M14
T 15	19 31 5	22 <sup>00</sup> 27'28	28 <sup>00</sup> 20	1 <sup>00</sup> 52	25 <sup>00</sup> 41	24 <sup>00</sup> 28	29 <sup>00</sup> 41	16 <sup>00</sup> 40	16 <sup>00</sup> 29	7 <sup>00</sup> 17	12 <sup>00</sup> 2	23 <sup>00</sup> 52	23 <sup>00</sup> 57	14 <sup>00</sup> 49	17 <sup>00</sup> 29	T 15
W16	19 35 2	23 <sup>00</sup> 24'41	13 <sup>00</sup> 9	3 <sup>00</sup> 0	26 <sup>00</sup> 53	24 <sup>00</sup> 57	29 <sup>00</sup> 54	16 <sup>00</sup> 40	16 <sup>00</sup> 30	7 <sup>00</sup> 16	12 <sup>00</sup> 0	23 <sup>00</sup> 46	23 <sup>00</sup> 53	14 <sup>00</sup> 56	17 <sup>00</sup> 28	W16
T 17	19 38 58	24 <sup>00</sup> 21'55	27 <sup>00</sup> 34	4 <sup>00</sup> 13	28 <sup>00</sup> 5	25 <sup>00</sup> 25	0 <sup>00</sup> 7	16 <sup>00</sup> 39	16 <sup>00</sup> 30	7 <sup>00</sup> 15	11 <sup>00</sup> 59	23 <sup>00</sup> 42	23 <sup>00</sup> 50	15 <sup>00</sup> 2	17 <sup>00</sup> 27	T 17
F 18	19 42 55	25 <sup>00</sup> 19'09	11 <sup>00</sup> 35	5 <sup>00</sup> 30	29 <sup>00</sup> 18	25 <sup>00</sup> 55	0 <sup>00</sup> 21	16 <sup>00</sup> 39	16 <sup>00</sup> 30	7 <sup>00</sup> 13	11 <sup>00</sup> 57	23 <sup>00</sup> 41	23 <sup>00</sup> 47	15 <sup>00</sup> 9	17 <sup>00</sup> 25	F 18
S 19	19 46 51	26 <sup>00</sup> 16'24	25 <sup>00</sup> 10	6 <sup>00</sup> 52	0 <sup>00</sup> 30	26 <sup>00</sup> 24	0 <sup>00</sup> 34	16 <sup>00</sup> 39	16 <sup>00</sup> 30	7 <sup>00</sup> 12	11 <sup>00</sup> 56	23 <sup>00</sup> 41	23 <sup>00</sup> 44	15 <sup>00</sup> 16	17 <sup>00</sup> 24	S 19
S 20	19 50 48	27 <sup>00</sup> 13'39	8 <sup>00</sup> 22	8 <sup>00</sup> 19	1 <sup>00</sup> 42	26 <sup>00</sup> 54	0 <sup>00</sup> 47	16 <sup>00</sup> 39	16 <sup>00</sup> 30	7 <sup>00</sup> 11	11 <sup>00</sup> 54	23 <sup>00</sup> 40	23 <sup>00</sup> 41	15 <sup>00</sup> 23	17 <sup>00</sup> 22	S 20
M21	19 54 45	28 <sup>00</sup> 10'56	21 <sup>00</sup> 15	9 <sup>00</sup> 49	2 <sup>00</sup> 55	27 <sup>00</sup> 23	1 <sup>00</sup> 1	16 <sup>00</sup> 39	16 <sup>00</sup> 30	7 <sup>00</sup> 10	11 <sup>00</sup> 53	23 <sup>00</sup> 39	23 <sup>00</sup> 37	15 <sup>00</sup> 29	17 <sup>00</sup> 21	M21
T 22	19 58 41	29 <sup>00</sup> 8'13	3 <sup>00</sup> 52	11 <sup>00</sup> 23	4 <sup>00</sup> 7	27 <sup>00</sup> 54	1 <sup>00</sup> 14	16 <sup>00</sup> 39	16 <sup>00</sup> 31	7 <sup>00</sup> 9	11 <sup>00</sup> 51	23 <sup>00</sup> 35	23 <sup>00</sup> 34	15 <sup>00</sup> 36	17 <sup>00</sup> 19	T 22
W23	20 2 38	0 <sup>00</sup> 5'31	16 <sup>00</sup> 16	13 <sup>00</sup> 2	5 <sup>00</sup> 20	28 <sup>00</sup> 24	1 <sup>00</sup> 27	16 <sup>00</sup> 39	16 <sup>00</sup> 30	7 <sup>00</sup> 8	11 <sup>00</sup> 50	23 <sup>00</sup> 29	23 <sup>00</sup> 31	15 <sup>00</sup> 43	17 <sup>00</sup> 18	W23
T 24	20 6 34	1 <sup>00</sup> 2'50	28 <sup>00</sup> 29	14 <sup>00</sup> 44	6 <sup>00</sup> 32	28 <sup>00</sup> 55	1 <sup>00</sup> 41	16 <sup>00</sup> 39	16 <sup>00</sup> 30	7 <sup>00</sup> 6	11 <sup>00</sup> 49	23 <sup>00</sup> 20	23 <sup>00</sup> 28	15 <sup>00</sup> 49	17 <sup>00</sup> 16	T 24
F 25	20 10 31	2 <sup>00</sup> 0'09	10 <sup>00</sup> 35	16 <sup>00</sup> 30	7 <sup>00</sup> 45	29 <sup>00</sup> 26	1 <sup>00</sup> 54	16 <sup>00</sup> 39	16 <sup>00</sup> 30	7 <sup>00</sup> 5	11 <sup>00</sup> 47	23 <sup>00</sup> 8	23 <sup>00</sup> 25	15 <sup>00</sup> 56	17 <sup>00</sup> 14	F 25
S 26	20 14 27	2 <sup>00</sup> 5'30	22 <sup>00</sup> 35	18 <sup>00</sup> 19	8 <sup>00</sup> 57	29 <sup>00</sup> 57	2 <sup>00</sup> 7	16 <sup>00</sup> 40	16 <sup>00</sup> 30	7 <sup>00</sup> 4	11 <sup>00</sup> 46	22 <sup>00</sup> 55	23 <sup>00</sup> 22	16 <sup>00</sup> 3	17 <sup>00</sup> 12	S 26
S 27	20 18 24	3 <sup>00</sup> 54'50	4 <sup>00</sup> 30	20 <sup>00</sup> 11	10 <sup>00</sup> 10	0 <sup>00</sup> 28	2 <sup>00</sup> 21	16 <sup>00</sup> 40	16 <sup>00</sup> 30	7 <sup>00</sup> 3	11 <sup>00</sup> 44	22 <sup>00</sup> 42	23 <sup>00</sup> 18	16 <sup>00</sup> 10	17 <sup>00</sup> 11	S 27
M28	20 22 20	4 <sup>00</sup> 52'12	16 <sup>00</sup> 23	22 <sup>00</sup> 6	11 <sup>00</sup> 23	1 <sup>00</sup> 0	2 <sup>00</sup> 34	16 <sup>00</sup> 41	16 <sup>00</sup> 30	7 <sup>00</sup> 1	11 <sup>00</sup> 43	22 <sup>00</sup> 29	23 <sup>00</sup> 15	16 <sup>00</sup> 16	17 <sup>00</sup> 9	M28
T 29	20 26 17	5 <sup>00</sup> 49'34	28 <sup>00</sup> 13	24 <sup>00</sup> 3	12 <sup>00</sup> 35	1 <sup>00</sup> 32	2 <sup>00</sup> 48	16 <sup>00</sup> 42	16 <sup>00</sup> 29	7 <sup>00</sup> 0	11 <sup>00</sup> 42	22 <sup>00</sup> 17	23 <sup>00</sup> 12	16 <sup>00</sup> 23	17 <sup>00</sup> 7	T 29
W30	20 30 14	6 <sup>00</sup> 46'57	10 <sup>00</sup> 4	26 <sup>00</sup> 2	13 <sup>00</sup> 48	2 <sup>00</sup> 4	3 <sup>00</sup> 1	16 <sup>00</sup> 43	16 <sup>00</sup> 29	6 <sup>00</sup> 59	11 <sup>00</sup> 40	22 <sup>00</sup> 8	23 <sup>00</sup> 9	16 <sup>00</sup> 30	17 <sup>00</sup> 5	W30
T 31	20 34 10	7 <sup>00</sup> 44'20	21 <sup>00</sup> 57	28 <sup>00</sup> 4	15 <sup>00</sup> 1	2 <sup>00</sup> 36	3 <sup>00</sup> 14	16 <sup>00</sup> 44	16 <sup>00</sup> 29	6 <sup>00</sup> 57	11 <sup>00</sup> 39	22 <sup>00</sup> 2	23 <sup>00</sup> 6	16 <sup>00</sup> 36	17 <sup>00</sup> 3	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	lat	decl	lat	decl	lat
T 1	23n 7	10n38	4s35	18n46	4s34	20n23	1s25	7s39	0s29	21n11	0n22	14s38	2n21	5n48	0s40	9s26	0s44	20s16	2n37	9s43	9s34	12n 9	0s14	5n 1			
W 2	23 3	7 13	4 4	18 50	4 29	20 36	1 22	7 49	0 30	21 9	0 22	14 38	2 21	5 48	0 40	9 27	0 44	20 16	2 36	9 40	9 32	12 8	0 14	5 1			
T 3	22 59	3 31	3 22	18 55	4 24	20 48	1 20	7 59	0 32	21 6	0 22	14 38	2 21	5 49	0 40	9 27	0 44	20 16	2 36	9 38	9 31	12 6	0 14	5 1			
F 4	22 54	0s22	2 31	19 2	4 18	21 0	1 18	8 10	0 33	21 4	0 22	14 38	2 21	5 49	0 40	9 27	0 44	20 16	2 36	9 37	9 30	12 5	0 14	5 1			
S 5	22 48	4 17	1 32	19 10	4 10	21 11	1 16	8 21	0 34	21 1	0 22	14 37	2 20	5 49	0 40	9 28	0 44	20 17	2 36	9 37	9 29	12 3	0 15	5 2			
S 6	22 43	8 7	0 27	19 19	4 2	21 22	1 13	8 31	0 35	20 59	0 22	14 37	2 20	5 50	0 40	9 28	0 44	20 17	2 36	9 37	9 28	12 1	0 15	5 2			
M 7	22 37	11 41	0n40	19 29	3 53	21 32	1 11	8 42	0 37	20 56	0 22	14 37	2 20	5 50	0 40	9 28	0 44	20 17	2 36	9 37	9 27	12 0	0 15	5 2			
T 8	22 30	14 47	1 47	19 40	3 43	21 41	1 9	8 53	0 38	20 54	0 22	14 37	2 20	5 50	0 40	9 29	0 44	20 17	2 36	9 36	9 25	11 58	0 15	5 2			
W 9	22 23	17 11	2 51	19 51	3 32	21 50	1 6	9 4	0 39	20 51	0 22	14 37	2 19	5 50	0 40	9 29	0 44	20 18	2 36	9 35	9 24	11 57	0 15	5 2			
T 10	22 16	18 39	3 46	20 3	3 21	21 59	1 4	9 15	0 40	20 49	0 23	14 37	2 19	5 51	0 40	9 29	0 44	20 18	2 36	9 33	9 23	11 55	0 15	5 3			
F 11	22 8	18 56	4 29	20 16	3 9	22 6	1 1	9 26	0 41	20 46	0 23	14 37	2 19	5 51	0 40	9 30	0 44	20 18	2 36	9 30	9 22	11 53	0 16	5 3			
S 12	22 0	17 56	4 55	20 29	2 57	22 13	0 59	9 37	0 42	20 43	0 23	14 37	2 19	5 51	0 40	9 30	0 44	20 18	2 35	9 26	9 21	11 52	0 16	5 3			
S 13	21 52	15 39	5 0	20 42	2 44	22 20	0 56	9 49	0 43	20 41	0 23	14 37	2 18	5 51	0 41	9 30	0 44	20 19	2 35	9 22	9 20	11 50	0 16	5 3			
M14	21 43	12 18	4 44	20 55	2 31	22 26	0 54	10 0	0 45	20 38	0 23	14 37	2 18	5 51	0 41	9 31	0 44	20 19	2 35	9 19	9 18	11 49	0 16	5 3			
T 15	21 34	8 10	4 8	21 8	2 18	22 31	0 51	10 11	0 46	20 35	0 23	14 37	2 18	5 51	0 41	9 31	0 44	20 19	2 35	9 16	9 17	11 47	0 17	5 4			
W16	21 24	3 36	3 17	21 20	2 4	22 36	0 48	10 23	0 47	20 33	0 23	14 37	2 18	5 51	0 41	9 32	0 44	20 19	2 35	9 13	9 16	11 45	0 17	5 4			
T 17	21 14	1n 4	2 13	21 32	1 50	22 40	0 46	10 34	0 48	20 30	0 23	14 37	2 17	5 52	0 41	9 32	0 44	20 20	2 35	9 12	9 15	11 44	0 18	5 4			
F 18	21 4	5 33	1 4	21 43	1 37	22 43	0 43	10 46	0 49	20 27	0 23	14 37	2 17	5 52	0 41	9 32	0 44	20 20	2 35	9 11	9 14	11 42	0 18	5 4			
S 19	20 54	9 37	0s 8	21 53	1 23	22 46	0 40	10 57	0 50	20 24	0 23	14 37	2 17	5 52	0 41	9 33	0 44	20 20	2 35	9 11	9 13	11 40	0 18	5 4			
S 20	20 43	13 5	1 17	22 2	1 9	22 48	0 38	11 9	0 51	20 21	0 23	14 38	2 17	5 52	0 41	9 33	0 44	20 20	2 34	9 11	9 11	11 39	0 19	5 4			
M21	20 31	15 49	2 20	22 9	0 55	22 49	0 35	11 21	0 52	20 19	0 23	14 38	2 16	5 52	0 41	9 34	0 44	20 21	2 34	9 11	9 10	11 37	0 19	5 5			
T 22	20 20	17 43	3 15	22 15	0 42	22 50	0 32	11 33	0 53	20 16	0 24	14 38	2 16	5 52	0 41	9 34	0 44	20 21	2 34	9 9	9 9	11 36	0 20	5 5			
W23	20 8	18 45	4 0	22 19	0 29	22 50	0 30	11 44	0 54	20 13	0 24	14 38	2 16	5 52	0 41	9 35	0 44	20 21	2 34	9 7	9 8	11 34	0 20	5 5			
T 24	19 55	18 53	4 33	22 22	0 16	22 50	0 27	11 56	0 55	20 10	0 24	14 39	2 15	5 52	0 41	9 35	0 44	20 21	2 34	9 4	9 7	11 32	0 21	5 5			
F 25	19 43	18 9	4 53	22 22	0 3	22 48	0 24	12 8	0 55	20 7	0 24	14 39	2 15	5 52	0 41	9 36	0 44	20 22	2 34	8 59	9 6	11 31	0 21	5 5			
S 26	19 30	16 36	5 0	22 20	0n 9	22 47	0 21	12 20	0 56	20 4	0 24	14 39	2 15	5 51	0 41	9 36	0 44	20 22	2 34	8 55	9 4	11 29	0 22	5 5			
S 27	19 16	14 22	4 54	22 15	0 20	22 44	0 19	12 32	0 57	20 1	0 24	14 40	2 15	5 51	0 41	9 37	0 44	20 22	2 34	8 50	9 3	11 27	0 22	5 6			
M28	19 3	11 33	4 35	22 8	0 31	22 41	0 16	12 44	0 58	19 58	0 24	14 40	2 14	5 51	0 41	9 37	0 45	20 22	2 33	8 45	9 2	11 26	0 23	5 6			
T 29	18 49	8 16	4 4	21 59	0 42	22 37	0 13	12 56	0 59	19 55	0 24	14 41	2 14	5 51	0 41	9 38	0 45	20 23	2 33	8 40	9 1	11 24	0 23	5 6			
W30	18 34	4 40	3 23	21 47	0 51	22 33	0 11	13 7	1 0	19 52	0 24	14 41	2 14	5 51	0 41	9 38	0 45	20 23	2 33	8 37	9 0	11 23	0 24	5 6			
T 31	18n20	0n52	2s32	21n32	1n 0	22n28	0s 8	13s19	1s 1	19n49	0n24	14s42	2n14	5n51	0s41	9s39	0s45	20s23	2n33	8s35	8s58	11n21	0s25	5n 6			



# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

AUGUST 2014

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	20 38 7	8♂41'44	3♂56	0♂ 6	16♂14	3♂ 9	3♂27	16♂45	16°R28	6°R56	11°R38	21°R58	23♂ 2	16♂43	17°R 1	F 1
S 2	20 42 3	9°39'09	16° 5	2°10	17°27	3°42	3°41	16°46	16°Y28	6°X54	11°Z37	21♂57	22°59	16°50	16°X59	S 2
S 3	20 46 0	10°36'34	28°28	4°15	18°40	4°15	3°54	16°47	16°27	6°53	11°35	21°D57	22°56	16°57	16°57	S 3
M 4	20 49 56	11°34'00	11♂ 9	6°20	19°52	4°48	4° 7	16°48	16°26	6°52	11°34	21°R57	22°53	17° 3	16°55	M 4
T 5	20 53 53	12°31'27	24°14	8°25	21° 5	5°22	4°21	16°50	16°26	6°50	11°33	21°57	22°50	17°10	16°52	T 5
W 6	20 57 49	13°28'54	7♂47	10°30	22°18	5°55	4°34	16°51	16°25	6°49	11°32	21°54	22°47	17°17	16°50	W 6
T 7	21 1 46	14°26'22	21°49	12°35	23°32	6°29	4°47	16°53	16°24	6°47	11°30	21°50	22°43	17°23	16°48	T 7
F 8	21 5 43	15°23'51	6♂19	14°39	24°45	7° 3	5° 0	16°55	16°24	6°46	11°29	21°43	22°40	17°30	16°46	F 8
S 9	21 9 39	16°21'21	21°14	16°42	25°58	7°37	5°14	16°57	16°23	6°44	11°28	21°35	22°37	17°37	16°43	S 9
S 10	21 13 36	17°18'51	6♂27	18°45	27°11	8°12	5°27	16°58	16°22	6°43	11°27	21°25	22°34	17°44	16°41	S 10
M 11	21 17 32	18°16'23	21°46	20°46	28°24	8°46	5°40	17° 0	16°21	6°41	11°26	21°16	22°31	17°50	16°39	M 11
T 12	21 21 29	19°13'56	7♂ 1	22°46	29°37	9°21	5°53	17° 2	16°20	6°40	11°25	21° 9	22°28	17°57	16°36	T 12
W 13	21 25 25	20°11'29	22° 1	24°45	0♂51	9°56	6° 6	17° 5	16°19	6°38	11°23	21° 4	22°24	18° 4	16°34	W 13
T 14	21 29 22	21° 9'05	6°Y39	26°43	2° 4	10°32	6°19	17° 7	16°18	6°36	11°22	21° 1	22°21	18°10	16°31	T 14
F 15	21 33 18	22° 6'41	20°50	28°40	3°17	11° 7	6°32	17° 9	16°17	6°35	11°21	21°D 0	22°18	18°17	16°29	F 15
S 16	21 37 15	23° 4'19	4♂33	0♂35	4°31	11°42	6°45	17°12	16°16	6°33	11°20	21° 0	22°15	18°24	16°26	S 16
S 17	21 41 12	24° 1'59	17°49	2°28	5°44	12°18	6°58	17°14	16°15	6°32	11°19	21°R 1	22°12	18°31	16°24	S 17
M 18	21 45 8	24°59'40	0♂42	4°21	6°58	12°54	7°11	17°17	16°13	6°30	11°18	21° 1	22° 8	18°37	16°21	M 18
T 19	21 49 5	25°57'23	13°15	6°11	8°11	13°30	7°24	17°20	16°12	6°28	11°17	20°59	22° 5	18°44	16°19	T 19
W 20	21 53 1	26°55'08	25°34	8° 1	9°25	14° 6	7°37	17°22	16°11	6°27	11°16	20°56	22° 2	18°51	16°16	W 20
T 21	21 56 58	27°52'54	7♂41	9°49	10°39	14°43	7°50	17°25	16° 9	6°25	11°15	20°50	21°59	18°57	16°13	T 21
F 22	22 0 54	28°50'42	19°40	11°35	11°52	15°19	8° 3	17°28	16° 8	6°24	11°15	20°42	21°56	19° 4	16°11	F 22
S 23	22 4 51	29°48'31	1♂34	13°21	13° 6	15°56	8°16	17°31	16° 7	6°22	11°14	20°33	21°53	19°11	16° 8	S 23
S 24	22 8 47	0♂46'22	13°26	15° 4	14°20	16°33	8°29	17°35	16° 5	6°20	11°13	20°23	21°49	19°17	16° 5	S 24
M 25	22 12 44	1°44'14	25°17	16°47	15°33	17°10	8°41	17°38	16° 4	6°19	11°12	20°14	21°46	19°24	16° 3	M 25
T 26	22 16 41	2°42'08	7♂ 9	18°28	16°47	17°48	8°54	17°41	16° 2	6°17	11°11	20° 6	21°43	19°31	16° 0	T 26
W 27	22 20 37	3°40'03	19° 4	20° 8	18° 1	18°25	9° 7	17°45	16° 1	6°15	11°10	20° 0	21°40	19°38	15°57	W 27
T 28	22 24 34	4°37'59	1♂ 3	21°46	19°15	19° 3	9°20	17°48	15°59	6°14	11°10	19°56	21°37	19°44	15°55	T 28
F 29	22 28 30	5°35'57	13° 9	23°23	20°29	19°40	9°32	17°52	15°57	6°12	11° 9	19°54	21°34	19°51	15°52	F 29
S 30	22 32 27	6°33'57	25°25	24°59	21°43	20°18	9°45	17°55	15°56	6°10	11° 8	19°D54	21°30	19°58	15°49	S 30
S 31	22 36 23	7♂31'58	7♂53	26♂33	22♂57	20♂56	9♂57	17♂59	15°Y54	6°X 9	11°Z 8	19♂55	21♂27	20♂ 4	15°X46	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18n 5	3s 0	1s34	21n14	1n 9	22n22	0s 5	13s31	1s 1	19n46	0n24	14s42	2n13	5n50	0s41	F 1
S 2	17 50	6 48	0 31	20 54	1 16	22 15	0 3	13 43	1 2	19 43	0 24	14 43	2 13	5 50	0 41	S 2
S 3	17 34	10 23	0n35	20 32	1 22	22 8	0n 0	13 55	1 3	19 40	0 25	14 44	2 13	5 50	0 41	S 3
M 4	17 19	13 35	1 40	20 7	1 28	22 1	0 3	14 7	1 4	19 37	0 25	14 44	2 13	5 50	0 41	M 4
T 5	17 3	16 12	2 43	19 39	1 33	21 52	0 5	14 19	1 5	19 34	0 25	14 45	2 12	5 50	0 41	T 5
W 6	16 46	18 1	3 38	19 10	1 37	21 43	0 8	14 31	1 5	19 31	0 25	14 45	2 12	5 49	0 41	W 6
T 7	16 30	18 48	4 23	18 38	1 40	21 34	0 11	14 43	1 6	19 28	0 25	14 46	2 12	5 49	0 41	T 7
F 8	16 13	18 25	4 53	18 5	1 43	21 23	0 13	14 55	1 7	19 25	0 25	14 47	2 12	5 49	0 41	F 8
S 9	15 56	16 46	5 3	17 29	1 45	21 13	0 16	15 7	1 8	19 22	0 25	14 48	2 11	5 48	0 41	S 9
S 10	15 39	13 55	4 53	16 53	1 46	21 1	0 18	15 19	1 8	19 19	0 25	14 48	2 11	5 48	0 41	S 10
M 11	15 21	10 7	4 22	16 14	1 46	20 49	0 21	15 31	1 9	19 16	0 25	14 49	2 11	5 48	0 41	M 11
T 12	15 3	5 39	3 32	15 35	1 45	20 36	0 23	15 42	1 10	19 13	0 25	14 50	2 11	5 47	0 41	T 12
W 13	14 45	0 54	2 28	14 54	1 44	20 23	0 26	15 54	1 10	19 9	0 26	14 51	2 10	5 47	0 41	W 13
T 14	14 27	3n48	1 16	14 13	1 43	20 9	0 28	16 6	1 11	19 6	0 26	14 52	2 10	5 46	0 41	T 14
F 15	14 8	8 9	0 1	13 31	1 41	19 55	0 31	16 18	1 12	19 3	0 26	14 53	2 10	5 46	0 41	F 15
S 16	13 49	11 54	1s12	12 48	1 38	19 40	0 33	16 29	1 12	19 0	0 26	14 54	2 9	5 45	0 41	S 16
S 17	13 30	14 55	2 19	12 4	1 35	19 24	0 35	16 41	1 13	18 57	0 26	14 55	2 9	5 45	0 41	S 17
M 18	13 11	17 6	3 16	11 20	1 31	19 8	0 37	16 53	1 13	18 54	0 26	14 56	2 9	5 44	0 42	M 18
T 19	12 52	18 22	4 3	10 35	1 27	18 51	0 40	17 4	1 14	18 50	0 26	14 57	2 9	5 44	0 42	T 19
W 20	12 32	18 45	4 37	9 50	1 22	18 34	0 42	17 15	1 15	18 47	0 26	14 58	2 9	5 43	0 42	W 20
T 21	12 12	18 15	4 58	9 5	1 17	18 16	0 44	17 27	1 15	18 44	0 26	14 59	2 8	5 43	0 42	T 21
F 22	11 52	16 57	5 6	8 20	1 12	17 58	0 46	17 38	1 16	18 41	0 27	15 0	2 8	5 42	0 42	F 22
S 23	11 32	14 55	5 1	7 34	1 6	17 39	0 48	17 49	1 16	18 37	0 27	15 1	2 8	5 42	0 42	S 23
S 24	11 12	12 17	4 42	6 49	1 0	17 20	0 50	18 1	1 17	18 34	0 27	15 2	2 8	5 41	0 42	S 24
M 25	10 51	9 8	4 11	6 3	0 54	17 0	0 52	18 12	1 17	18 31	0 27	15 3	2 7	5 41	0 42	M 25
T 26	10 31	5 38	3 30	5 18	0 48	16 40	0 54	18 23	1 18	18 28	0 27	15 4	2 7	5 40	0 42	T 26
W 27	10 10	1 54	2 39	4 32	0 41	16 19	0 56	18 34	1 18	18 25	0 27	15 5	2 7	5 39	0 42	W 27
T 28	9 49	1s57	1 40	3 47	0 34	15 58	0 58	18 45	1 19	18 21	0 27	15 7	2 7	5 39	0 42	T 28
F 29	9 27	5 45	0 36	3 2	0 27	15 36	1 0	18 55	1 19	18 18	0 27	15 8	2 6	5 38	0 42	F 29
S 30	9 6	9 22	0n30	2 17	0 19	15 14	1 2	19 6	1 20	18 15	0 27	15 9	2 6	5 37	0 42	S 30
S 31	8n45	12s37	1n36	1n33	0n12	14n52	1n 3	19s17	1s20	18n12	0n28	15s10	2n 6	5n37	0s42	S 31

Julian Day Number = 2456870.5, Delta T = 67.49 sec  
 Ecliptic obliquity = 23°26'06, Nutation = 0°00'08, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°56'38, Lahiri = 24°03'39

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

SEPTEMBER 2014

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	22 40 20	8 <sup>h</sup> 30'00	20 <sup>m</sup> 38	28 <sup>m</sup> 7	24 <sup>h</sup> 11	21 <sup>m</sup> 34	10 <sup>h</sup> 10	18 <sup>m</sup> 3	15°R52	6°R 7	11°R 7	19 <sup>h</sup> 56	21 <sup>h</sup> 24	20 <sup>h</sup> 11	15°R43	M 1
T 2	22 44 16	9°28'04	3 <sup>h</sup> 42	29°39	25°25	22°13	10°22	18° 7	15°Y50	6 <sup>h</sup> 6	11 <sup>h</sup> 6	19°R57	21°21	20°18	15°K41	T 2
W 3	22 48 13	10°26'09	17° 9	1 <sup>h</sup> 9	26°39	22°51	10°34	18°11	15°49	6° 4	11° 6	19°57	21°18	20°25	15°38	W 3
T 4	22 52 9	11°24'15	1 <sup>h</sup> 2	2°39	27°53	23°30	10°47	18°15	15°47	6° 2	11° 5	19°56	21°14	20°31	15°35	T 4
F 5	22 56 6	12°22'23	15°20	4° 7	29° 7	24° 9	10°59	18°19	15°45	6° 1	11° 5	19°52	21°11	20°38	15°32	F 5
S 6	23 0 3	13°20'32	0 <sup>h</sup> 1	5°33	0 <sup>m</sup> 21	24°47	11°11	18°23	15°43	5°59	11° 4	19°48	21° 8	20°45	15°29	S 6
S 7	23 3 59	14°18'43	15° 0	6°59	1°35	25°27	11°23	18°27	15°41	5°57	11° 4	19°43	21° 5	20°51	15°27	S 7
M 8	23 7 56	15°16'55	0 <sup>h</sup> 8	8°23	2°50	26° 6	11°36	18°32	15°39	5°56	11° 3	19°38	21° 2	20°58	15°24	M 8
T 9	23 11 52	16°15'09	15°17	9°46	4° 4	26°45	11°48	18°36	15°37	5°54	11° 3	19°34	20°59	21° 5	15°21	T 9
W10	23 15 49	17°13'25	0 <sup>h</sup> 17	11° 7	5°18	27°24	12° 0	18°41	15°35	5°52	11° 2	19°31	20°55	21°11	15°18	W10
T 11	23 19 45	18°11'42	14°58	12°27	6°33	28° 4	12°12	18°45	15°33	5°51	11° 2	19°D30	20°52	21°18	15°15	T 11
F 12	23 23 42	19°10'02	29°15	13°45	7°47	28°44	12°23	18°50	15°31	5°49	11° 2	19°30	20°49	21°25	15°13	F 12
S 13	23 27 38	20° 8'23	13 <sup>h</sup> 6	15° 2	9° 1	29°23	12°35	18°55	15°29	5°48	11° 1	19°31	20°46	21°32	15°10	S 13
S 14	23 31 35	21° 6'47	26°29	16°17	10°16	0 <sup>h</sup> 3	12°47	19° 0	15°27	5°46	11° 1	19°33	20°43	21°38	15° 7	S 14
M15	23 35 32	22° 5'12	9 <sup>h</sup> 27	17°31	11°30	0°43	12°59	19° 4	15°24	5°45	11° 1	19°34	20°39	21°45	15° 4	M15
T 16	23 39 28	23° 3'40	22° 4	18°42	12°45	1°24	13°10	19° 9	15°22	5°43	11° 0	19°R35	20°36	21°52	15° 1	T 16
W17	23 43 25	24° 2'10	4 <sup>h</sup> 23	19°53	13°59	2° 4	13°22	19°14	15°20	5°41	11° 0	19°34	20°33	21°58	14°59	W17
T 18	23 47 21	25° 0'43	16°29	21° 1	15°14	2°44	13°33	19°19	15°18	5°40	11° 0	19°33	20°30	22° 5	14°56	T 18
F 19	23 51 18	25°59'17	28°26	22° 7	16°28	3°25	13°45	19°25	15°16	5°38	11° 0	19°30	20°27	22°12	14°53	F 19
S 20	23 55 14	26°57'53	10 <sup>h</sup> 18	23°11	17°43	4° 6	13°56	19°30	15°13	5°37	11° 0	19°27	20°24	22°18	14°50	S 20
S 21	23 59 11	27°56'32	22° 9	24°12	18°57	4°47	14° 7	19°35	15°11	5°35	11° 0	19°23	20°20	22°25	14°48	S 21
M22	0 3 7	28°55'13	4 <sup>h</sup> 1	25°11	20°12	5°27	14°19	19°40	15° 9	5°34	11° 0	19°20	20°17	22°32	14°45	M22
T 23	0 7 4	29°53'55	15°57	26° 8	21°27	6° 8	14°30	19°46	15° 6	5°32	11°D 0	19°17	20°14	22°39	14°42	T 23
W24	0 11 1	0 <sup>h</sup> 52'40	27°59	27° 1	22°41	6°50	14°41	19°51	15° 4	5°31	11° 0	19°15	20°11	22°45	14°40	W24
T 25	0 14 57	1°51'26	10 <sup>h</sup> 9	27°52	23°56	7°31	14°52	19°57	15° 2	5°30	11° 0	19°13	20° 8	22°52	14°37	T 25
F 26	0 18 54	2°50'15	22°29	28°39	25°11	8°12	15° 3	20° 2	14°59	5°28	11° 0	19°D13	20° 5	22°59	14°34	F 26
S 27	0 22 50	3°49'06	4 <sup>h</sup> 59	29°22	26°25	8°54	15°13	20° 8	14°57	5°27	11° 0	19°14	20° 1	23° 5	14°32	S 27
S 28	0 26 47	4°47'58	17°41	0 <sup>h</sup> 2	27°40	9°35	15°24	20°13	14°55	5°25	11° 0	19°15	19°58	23°12	14°29	S 28
M29	0 30 43	5°46'52	0 <sup>h</sup> 38	0°37	28°55	10°17	15°35	20°19	14°52	5°24	11° 0	19°16	19°55	23°19	14°27	M29
T 30	0 34 40	6 <sup>h</sup> 45'48	13 <sup>h</sup> 50	1 <sup>h</sup> 8	0 <sup>h</sup> 10	10 <sup>h</sup> 59	15°45	20 <sup>h</sup> 25	14°Y50	5 <sup>h</sup> 23	11 <sup>h</sup> 1	19°17	19°52	23°25	14°K24	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	8n23	15s21	2n39	0n49	0n 4	14n29	1n 5	19s27	1s21	18n 8	0n28	15s12	2n 6	5n36	0s42	M 1
T 2	8 1	17 22	3 36	0 5	0s 4	14 5	1 6	19 38	1 21	18 5	0 28	15 13	2 5	5 35	0 42	T 2
W 3	7 39	18 28	4 22	0s38	0 12	13 42	1 8	19 48	1 22	18 2	0 28	15 14	2 5	5 35	0 42	W 3
T 4	7 17	18 31	4 54	1 21	0 20	13 18	1 9	19 58	1 22	17 59	0 28	15 15	2 5	5 34	0 42	T 4
F 5	6 55	17 25	5 10	2 3	0 28	12 53	1 11	20 8	1 23	17 55	0 28	15 17	2 5	5 33	0 42	F 5
S 6	6 33	15 9	5 6	2 45	0 36	12 28	1 12	20 18	1 23	17 52	0 28	15 18	2 5	5 32	0 42	S 6
S 7	6 10	11 51	4 42	3 27	0 44	12 3	1 13	20 28	1 23	17 49	0 28	15 20	2 4	5 32	0 42	S 7
M 8	5 48	7 43	3 57	4 8	0 52	11 38	1 15	20 38	1 24	17 46	0 29	15 21	2 4	5 31	0 42	M 8
T 9	5 25	3 5	2 56	4 48	1 1	11 12	1 16	20 47	1 24	17 42	0 29	15 22	2 4	5 30	0 42	T 9
W10	5 3	1n41	1 43	5 27	1 9	10 46	1 17	20 57	1 25	17 39	0 29	15 24	2 4	5 29	0 42	W10
T 11	4 40	6 17	0 25	6 6	1 18	10 19	1 18	21 6	1 25	17 36	0 29	15 25	2 3	5 28	0 42	T 11
F 12	4 17	10 23	0s53	6 45	1 26	9 52	1 19	21 16	1 25	17 33	0 29	15 27	2 3	5 28	0 42	F 12
S 13	3 54	13 46	2 6	7 22	1 34	9 25	1 20	21 25	1 26	17 30	0 29	15 28	2 3	5 27	0 42	S 13
S 14	3 31	16 18	3 9	7 59	1 42	8 58	1 21	21 34	1 26	17 26	0 29	15 30	2 3	5 26	0 42	S 14
M15	3 8	17 54	4 1	8 35	1 51	8 30	1 22	21 42	1 26	17 23	0 29	15 31	2 3	5 25	0 42	M15
T 16	2 45	18 33	4 39	9 10	1 59	8 3	1 22	21 51	1 27	17 20	0 30	15 33	2 2	5 24	0 42	T 16
W17	2 22	18 19	5 3	9 44	2 7	7 35	1 23	21 59	1 27	17 17	0 30	15 34	2 2	5 23	0 42	W17
T 18	1 59	17 14	5 14	10 17	2 15	7 6	1 24	22 8	1 27	17 14	0 30	15 36	2 2	5 23	0 42	T 18
F 19	1 36	15 24	5 10	10 49	2 22	6 38	1 24	22 16	1 27	17 11	0 30	15 37	2 2	5 22	0 42	F 19
S 20	1 12	12 56	4 54	11 20	2 30	6 9	1 25	22 24	1 28	17 7	0 30	15 39	2 2	5 21	0 42	S 20
S 21	0 49	9 57	4 25	11 49	2 37	5 40	1 25	22 32	1 28	17 4	0 30	15 41	2 2	5 20	0 42	S 21
M22	0 26	6 33	3 44	12 18	2 44	5 11	1 25	22 39	1 28	17 1	0 30	15 42	2 1	5 19	0 42	M22
T 23	0 2	2 53	2 53	12 45	2 51	4 42	1 26	22 47	1 28	16 58	0 31	15 44	2 1	5 18	0 42	T 23
W24	0s21	0s57	1 55	13 10	2 58	4 13	1 26	22 54	1 29	16 55	0 31	15 45	2 1	5 17	0 42	W24
T 25	0 44	4 47	0 50	13 35	3 4	3 44	1 26	23 1	1 29	16 52	0 31	15 47	2 1	5 16	0 42	T 25
F 26	1 8	8 28	0n18	13 57	3 10	3 14	1 26	23 8	1 29	16 49	0 31	15 49	2 1	5 15	0 42	F 26
S 27	1 31	11 50	1 26	14 18	3 16	2 44	1 26	23 15	1 29	16 46	0 31	15 50	2 0	5 15	0 42	S 27
S 28	1 54	14 41	2 31	14 36	3 20	2 15	1 26	23 22	1 29	16 43	0 31	15 52	2 0	5 14	0 42	S 28
M29	2 18	16 52	3 30	14 53	3 25	1 45	1 26	23 28	1 30	16 40	0 31	15 54	2 0	5 13	0 42	M29
T 30	2s41	18s11	4n18	15s 8	3s29	1n15	1n26	23s34	1s30	16n37	0n32	15s55	2n 0	5n12	0s42	T 30

Julian Day Number = 2456901.5, Delta T = 67.52 sec  
 Ecliptic obliquity = 23°26'06, Nutation = 0°00'07, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°56'43, Lahiri = 24°03'43

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

OCTOBER 2014

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	0 38 36	7♏44'46	27♏20	1♏34	1♏25	11♏41	15♏56	20♏31	14°R47	5°R21	11♏1	19♏18	19♏49	23♏32	14°R21	W 1	
T 2	0 42 33	8°43'46	11♏8	1°54	2°39	12°23	16°6	20°37	14°Y45	5°K20	11°1	19°R18	19°45	23°39	14°K19	T 2	
F 3	0 46 29	9°42'47	25°14	2°9	3°54	13°5	16°16	20°43	14°43	5°19	11°1	19°18	19°42	23°46	14°16	F 3	
S 4	0 50 26	10°41'50	9♏37	2°17	5°9	13°47	16°26	20°49	14°40	5°17	11°2	19°17	19°39	23°52	14°14	S 4	
S 5	0 54 23	11°40'54	24°14	2°R18	6°24	14°30	16°36	20°55	14°38	5°16	11°2	19°16	19°36	23°59	14°12	S 5	
M 6	0 58 19	12°40'01	8♏59	2°13	7°39	15°12	16°46	21°1	14°35	5°15	11°2	19°15	19°33	24°6	14°9	M 6	
T 7	1 2 16	13°39'09	23°47	1°59	8°54	15°55	16°56	21°7	14°33	5°14	11°3	19°15	19°30	24°12	14°7	T 7	
W 8	1 6 12	14°38'19	8♏30	1°38	10°9	16°37	17°6	21°13	14°31	5°12	11°3	19°14	19°26	24°19	14°5	W 8	
T 9	1 10 9	15°37'31	23°1	1°9	11°24	17°20	17°16	21°19	14°28	5°11	11°4	19°D14	19°23	24°26	14°2	T 9	
F 10	1 14 5	16°36'45	7♏13	0°32	12°39	18°3	17°25	21°26	14°26	5°10	11°4	19°14	19°20	24°32	14°0	F 10	
S 11	1 18 2	17°36'02	21°4	29♏47	13°54	18°46	17°35	21°32	14°23	5°9	11°5	19°15	19°17	24°39	13°58	S 11	
S 12	1 21 58	18°35'21	4♏31	28°54	15°9	19°29	17°44	21°38	14°21	5°8	11°5	19°15	19°14	24°46	13°56	S 12	
M13	1 25 55	19°34'41	17°34	27°55	16°24	20°12	17°53	21°45	14°18	5°7	11°6	19°R15	19°10	24°53	13°53	M13	
T 14	1 29 52	20°34'05	0♏16	26°49	17°39	20°55	18°2	21°51	14°16	5°6	11°7	19°15	19°7	24°59	13°51	T 14	
W15	1 33 48	21°33'30	12°38	25°40	18°54	21°38	18°11	21°57	14°14	5°5	11°7	19°15	19°4	25°6	13°49	W15	
T 16	1 37 45	22°32'58	24°46	24°27	20°9	22°22	18°20	22°4	14°11	5°4	11°8	19°D15	19°1	25°13	13°47	T 16	
F 17	1 41 41	23°32'28	6♏43	23°14	21°24	23°5	18°29	22°11	14°9	5°3	11°9	19°15	18°58	25°19	13°45	F 17	
S 18	1 45 38	24°32'00	18°35	22°2	22°39	23°49	18°37	22°17	14°6	5°2	11°9	19°15	18°55	25°26	13°43	S 18	
S 19	1 49 34	25°31'35	0♏26	20°53	23°54	24°32	18°46	22°24	14°4	5°1	11°10	19°16	18°51	25°33	13°41	S 19	
M20	1 53 31	26°31'12	12°20	19°50	25°9	25°16	18°54	22°30	14°2	5°0	11°11	19°16	18°48	25°39	13°40	M20	
T 21	1 57 27	27°30'51	24°21	18°54	26°24	26°0	19°3	22°37	13°59	4°59	11°12	19°17	18°45	25°46	13°38	T 21	
W22	2 1 24	28°30'32	6♏31	18°7	27°39	26°44	19°11	22°44	13°57	4°58	11°13	19°18	18°42	25°53	13°36	W22	
T 23	2 5 21	29°30'15	18°54	17°30	28°55	27°28	19°19	22°51	13°55	4°58	11°14	19°R18	18°39	26°0	13°34	T 23	
F 24	2 9 17	0♏30'00	1♏30	17°4	0♏10	28°12	19°27	22°57	13°52	4°57	11°14	19°18	18°36	26°6	13°33	F 24	
S 25	2 13 14	1°29'47	14°21	16°49	1°25	28°56	19°34	23°4	13°50	4°56	11°15	19°17	18°32	26°13	13°31	S 25	
S 26	2 17 10	2°29'37	27°26	16°D46	2°40	29°40	19°42	23°11	13°48	4°55	11°16	19°15	18°29	26°20	13°29	S 26	
M27	2 21 7	3°29'28	10♏45	16°54	3°55	0♏25	19°50	23°18	13°46	4°55	11°17	19°14	18°26	26°26	13°28	M27	
T 28	2 25 3	4°29'21	24°16	17°12	5°11	1°9	19°57	23°25	13°43	4°54	11°18	19°12	18°23	26°33	13°26	T 28	
W29	2 29 0	5°29'15	8♏0	17°40	6°26	1°53	20°4	23°32	13°41	4°53	11°19	19°10	18°20	26°40	13°25	W29	
T 30	2 32 56	6°29'11	21°54	18°18	7°41	2°38	20°11	23°39	13°39	4°53	11°21	19°8	18°16	26°46	13°23	T 30	
F 31	2 36 53	7♏29'09	5♏57	19♏4	8♏56	3♏22	20♏18	23♏45	13°Y37	4°K52	11♏22	19°D 8	18♏13	26♏53	13°K22	F 31	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	3s 4	18s30	4n54	15s20	3s32	0n45	1n25	23s40	1s30	16n34	0n32	15s57	2n 0	5n11	0s42	10s15	0s45
T 2	3 28	17 45	5 14	15 29	3 34	0 15	1 25	23 46	1 30	16 31	0 32	15 59	2 0	5 10	0 42	10 15	0 45
F 3	3 51	15 55	5 15	15 35	3 36	0s15	1 25	23 51	1 30	16 28	0 32	16 0	1 59	5 9	0 42	10 16	0 45
S 4	4 14	13 3	4 57	15 38	3 36	0 45	1 24	23 57	1 30	16 25	0 32	16 2	1 59	5 8	0 42	10 16	0 45
S 5	4 37	9 21	4 20	15 38	3 35	1 15	1 24	24 2	1 31	16 22	0 32	16 4	1 59	5 7	0 42	10 17	0 45
M 6	5 0	5 1	3 25	15 35	3 34	1 46	1 23	24 7	1 31	16 19	0 33	16 6	1 59	5 6	0 42	10 17	0 45
T 7	5 23	0 23	2 17	15 27	3 30	2 16	1 23	24 12	1 31	16 17	0 33	16 7	1 59	5 5	0 42	10 18	0 45
W 8	5 46	4n17	0 59	15 15	3 26	2 46	1 22	24 16	1 31	16 14	0 33	16 9	1 59	5 4	0 42	10 18	0 45
T 9	6 9	8 37	0s21	14 59	3 19	3 16	1 21	24 20	1 31	16 11	0 33	16 11	1 59	5 3	0 42	10 18	0 45
F 10	6 32	12 22	1 38	14 38	3 11	3 46	1 20	24 25	1 31	16 8	0 33	16 13	1 58	5 2	0 42	10 19	0 45
S 11	6 54	15 19	2 48	14 13	3 1	4 16	1 19	24 28	1 31	16 6	0 33	16 14	1 58	5 2	0 42	10 19	0 45
S 12	7 17	17 20	3 46	13 44	2 50	4 45	1 18	24 32	1 31	16 3	0 34	16 16	1 58	5 1	0 42	10 20	0 45
M13	7 40	18 22	4 30	13 10	2 36	5 15	1 17	24 35	1 31	16 0	0 34	16 18	1 58	5 0	0 42	10 20	0 45
T 14	8 2	18 26	5 0	12 32	2 21	5 45	1 16	24 38	1 31	15 58	0 34	16 20	1 58	4 59	0 42	10 20	0 45
W15	8 24	17 36	5 15	11 51	2 4	6 14	1 15	24 41	1 31	15 55	0 34	16 21	1 58	4 58	0 42	10 21	0 45
T 16	8 46	15 59	5 16	11 7	1 46	6 44	1 14	24 44	1 31	15 52	0 34	16 23	1 58	4 57	0 42	10 21	0 45
F 17	9 8	13 42	5 3	10 22	1 26	7 13	1 13	24 46	1 31	15 50	0 34	16 25	1 57	4 56	0 42	10 21	0 45
S 18	9 30	10 52	4 37	9 36	1 6	7 42	1 12	24 49	1 31	15 47	0 35	16 27	1 57	4 55	0 42	10 22	0 45
S 19	9 52	7 35	3 59	8 51	0 45	8 11	1 10	24 51	1 31	15 45	0 35	16 29	1 57	4 54	0 42	10 22	0 45
M20	10 14	3 59	3 11	8 8	0 25	8 40	1 9	24 52	1 31	15 43	0 35	16 30	1 57	4 53	0 42	10 22	0 45
T 21	10 35	0 12	2 14	7 28	0 4	9 8	1 7	24 54	1 31	15 40	0 35	16 32	1 57	4 52	0 42	10 23	0 45
W22	10 57	3s40	1 10	6 52	0n15	9 37	1 6	24 55	1 31	15 38	0 35	16 34	1 57	4 51	0 42	10 23	0 45
T 23	11 18	7 26	0 2	6 21	0 33	10 5	1 4	24 56	1 31	15 35	0 36	16 36	1 57	4 51	0 42	10 23	0 45
F 24	11 39	10 57	1n 7	5 56	0 50	10 33	1 3	24 56	1 31	15 33	0 36	16 38	1 57	4 50	0 42	10 24	0 45
S 25	12 0	14 0	2 14	5 36	1 6	11 0	1 1	24 57	1 31	15 31	0 36	16 39	1 57	4 49	0 42	10 24	0 45
S 26	12 20	16 24	3 16	5 22	1 19	11 28	0 59	24 57	1 31	15 29	0 36	16 41	1 56	4 48	0 42	10 24	0 45
M27	12 41	17 58	4 8	5 11	1 31	11 55	0 58	24 57	1 31	15 26	0 36	16 43	1 56	4 47	0 42	10 24	0 45
T 28	13 1	18 32	4 47	5 14	1 42	12 22	0 56	24 57	1 31	15 24	0 37	16 45	1 56	4 46	0 42	10 25	0 45
W29	13 21	18 2	5 10	5 14	1 50	12 49	0 54	24 56	1 31	15 22	0 37	16 47	1 56	4 45	0 42	10 25	0 45
T 30	13 41	16 28	5 15	5 22	1 57	13 15	0 52	24 55	1 31	15 20	0 37	16 48	1 56	4 45	0 42	10 25	0 45
F 31	14s 0	13s54	5n 2	5s34	2n 3	13s41	0n50	24s54	1s31	15n18	0n37	16s50	1n56	4n44	0s42	10s25	0s45

Julian Day Number = 2456931.5, Delta T = 67.55 sec  
 Ecliptic obliquity = 23°26'06, Nutation = 0°00'05, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°56'47, Lahiri = 24°03'47

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

NOVEMBER 2014

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 40 50	8♍29°09	20♋8	19♊57	10♍11	4♉7	20♈25	23♍52	13°R35	4°R52	11♍23	19♊8	18♊10	27♍0	13°R21	S 1
S 2	2 44 46	9°29'09	4♉24	20°57	11°27	4°52	20°31	23°59	13°Y32	4♉51	11°24	19°9	18°7	27°6	13°Y20	S 2
M 3	2 48 43	10°29'12	18°44	22°3	12°42	5°37	20°38	24°6	13°30	4°51	11°25	19°11	18°4	27°13	13°18	M 3
T 4	2 52 39	11°29'16	3°Y3	23°14	13°57	6°22	20°44	24°13	13°28	4°50	11°26	19°12	18°1	27°20	13°17	T 4
W 5	2 56 36	12°29'21	17°18	24°30	15°12	7°6	20°50	24°21	13°26	4°50	11°28	19°R12	17°57	27°27	13°16	W 5
T 6	3 0 32	13°29'29	1♊26	25°49	16°28	7°51	20°56	24°28	13°24	4°50	11°29	19°12	17°54	27°33	13°15	T 6
F 7	3 4 29	14°29'38	15°21	27°11	17°43	8°37	21°2	24°35	13°22	4°49	11°30	19°10	17°51	27°40	13°14	F 7
S 8	3 8 25	15°29'49	29°1	28°36	18°58	9°22	21°8	24°42	13°20	4°49	11°32	19°7	17°48	27°47	13°13	S 8
S 9	3 12 22	16°30'02	12♍22	0♍3	20°13	10°7	21°13	24°49	13°18	4°49	11°33	19°3	17°45	27°53	13°12	S 9
M10	3 16 18	17°30'17	25°24	1°32	21°29	10°52	21°19	24°56	13°16	4°49	11°34	18°58	17°42	28°0	13°11	M10
T 11	3 20 15	18°30'33	8♉6	3°3	22°44	11°37	21°24	25°3	13°15	4°48	11°36	18°54	17°38	28°7	13°11	T 11
W12	3 24 12	19°30'52	20°30	4°34	23°59	12°23	21°29	25°10	13°13	4°48	11°37	18°50	17°35	28°13	13°10	W12
T 13	3 28 8	20°31'12	2♈39	6°7	25°14	13°8	21°34	25°17	13°11	4°48	11°39	18°47	17°32	28°20	13°9	T 13
F 14	3 32 5	21°31'35	14°37	7°40	26°30	13°54	21°39	25°24	13°9	4°48	11°40	18°45	17°29	28°27	13°9	F 14
S 15	3 36 1	22°31'59	26°29	9°14	27°45	14°39	21°43	25°32	13°8	4°48	11°42	18°D45	17°26	28°33	13°8	S 15
S 16	3 39 58	23°32'25	8♍19	10°49	29°0	15°25	21°48	25°39	13°6	4°D48	11°43	18°46	17°22	28°40	13°8	S 16
M17	3 43 54	24°32'53	20°14	12°24	0♊16	16°10	21°52	25°46	13°4	4°48	11°45	18°47	17°19	28°47	13°7	M17
T 18	3 47 51	25°33'23	2♊16	13°59	1°31	16°56	21°56	25°53	13°3	4°48	11°46	18°49	17°16	28°53	13°7	T 18
W19	3 51 47	26°33'54	14°32	15°34	2°46	17°42	22°0	26°0	13°1	4°48	11°48	18°R50	17°13	29°0	13°7	W19
T 20	3 55 44	27°34'28	27°5	17°9	4°1	18°28	22°3	26°7	12°59	4°48	11°49	18°50	17°10	29°7	13°6	T 20
F 21	3 59 41	28°35'03	9♍56	18°45	5°17	19°13	22°7	26°14	12°58	4°48	11°51	18°48	17°7	29°14	13°6	F 21
S 22	4 3 37	29°35'39	23°7	20°20	6°32	19°59	22°10	26°22	12°56	4°48	11°53	18°44	17°3	29°20	13°6	S 22
S 23	4 7 34	0♊36°18	6♊36	21°55	7°47	20°45	22°13	26°29	12°55	4°49	11°54	18°38	17°0	29°27	13°6	S 23
M24	4 11 30	1°36'57	20°23	23°30	9°3	21°31	22°16	26°36	12°54	4°49	11°56	18°31	16°57	29°34	13°D6	M24
T25	4 15 27	2°37'38	4♉23	25°6	10°18	22°17	22°19	26°43	12°52	4°49	11°58	18°23	16°54	29°40	13°6	T25
W26	4 19 23	3°38'20	18°31	26°41	11°33	23°3	22°22	26°50	12°51	4°50	11°59	18°16	16°51	29°47	13°6	W26
T27	4 23 20	4°39'04	2♋44	28°16	12°49	23°50	22°24	26°57	12°50	4°50	12°1	18°11	16°48	29°54	13°6	T27
F 28	4 27 17	5°39'48	16°58	29°50	14°4	24°36	22°26	27°4	12°49	4°50	12°3	18°7	16°44	0♍0	13°6	F 28
S 29	4 31 13	6°40'33	1♉9	1♊25	15°19	25°22	22°28	27°12	12°48	4°51	12°5	18°D5	16°41	0°7	13°7	S 29
S 30	4 35 10	7♊41°19	15♉16	3♊0	16♊35	26♉8	22♈30	27♍19	12°Y46	4♉51	12♉6	18♊5	16♊38	0♍14	13♉7	S 30

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	
S 1	14s20	10s29 4n31	5s51 2n 7	14s 6	0n48 24s53	1s30 15n16	0n37 16s52	1n56 4n43	0s42 10s25	0s45 20s40	2n18 7s29	7s 7 8n44	1s58 4n57			
S 2	14 39	6 26 3 43	6 11 2 9	14 32	0 46 24 51	1 30 15 14	0 38 16 54	1 56 4 42	0 42 10 25	0 45 20 40	2 18 7 30	7 6 8 42	1 59 4 57			
M 3	14 58	2 0 2 40	6 34 2 11	14 56	0 44 24 49	1 30 15 12	0 38 16 55	1 56 4 41	0 42 10 26	0 45 20 40	2 17 7 30	7 5 8 41	2 0 4 57			
T 4	15 17	2n33 1 28	6 59 2 12	15 21	0 42 24 47	1 30 15 11	0 38 16 57	1 56 4 41	0 42 10 26	0 45 20 40	2 17 7 31	7 4 8 39	2 0 4 56			
W 5	15 35	6 57 0 10	7 28 2 11	15 45	0 40 24 44	1 30 15 9	0 38 16 59	1 56 4 40	0 42 10 26	0 45 20 40	2 17 7 31	7 3 8 37	2 1 4 56			
T 6	15 53	10 56 1s 7	7 58 2 10	16 9	0 38 24 42	1 30 15 7	0 38 17 1	1 56 4 39	0 42 10 26	0 45 20 40	2 17 7 31	7 1 8 36	2 2 4 56			
F 7	16 11	14 13 2 19	8 29 2 7	16 32	0 36 24 39	1 29 15 6	0 39 17 3	1 55 4 38	0 42 10 26	0 45 20 40	2 17 7 30	7 0 8 34	2 2 4 55			
S 8	16 29	16 39 3 21	9 2 2 5	16 55	0 34 24 35	1 29 15 4	0 39 17 4	1 55 4 38	0 42 10 26	0 45 20 40	2 17 7 29	6 59 8 32	2 3 4 55			
S 9	16 46	18 7 4 11	9 36 2 1	17 17	0 32 24 32	1 29 15 2	0 39 17 6	1 55 4 37	0 42 10 26	0 45 20 40	2 17 7 28	6 58 8 30	2 4 4 55			
M10	17 3	18 34 4 47	10 10 1 57	17 39	0 29 24 28	1 29 15 1	0 39 17 8	1 55 4 36	0 42 10 26	0 45 20 40	2 16 7 26	6 57 8 29	2 4 4 54			
T 11	17 20	18 4 5 7	10 46 1 53	18 1	0 27 24 24	1 29 14 59	0 39 17 10	1 55 4 35	0 41 10 26	0 45 20 40	2 16 7 24	6 55 8 27	2 5 4 54			
W12	17 36	16 43 5 13	11 21 1 48	18 22	0 25 24 20	1 28 14 58	0 40 17 11	1 55 4 35	0 41 10 26	0 45 20 40	2 16 7 22	6 54 8 25	2 5 4 54			
T 13	17 53	14 38 5 4	11 57 1 42	18 42	0 23 24 15	1 28 14 57	0 40 17 13	1 55 4 34	0 41 10 27	0 45 20 40	2 16 7 21	6 53 8 23	2 6 4 53			
F 14	18 8	11 57 4 42	12 32 1 37	19 2	0 20 24 10	1 28 14 55	0 40 17 15	1 55 4 33	0 41 10 27	0 45 20 40	2 16 7 21	6 52 8 22	2 6 4 53			
S 15	18 24	8 48 4 8	13 38 1 31	19 22	0 18 24 5	1 28 14 54	0 40 17 17	1 55 4 33	0 41 10 27	0 45 20 40	2 16 7 21	6 50 8 20	2 7 4 53			
S 16	18 39	5 18 3 23	13 43 1 25	19 41	0 16 24 0	1 28 14 53	0 41 17 18	1 55 4 32	0 41 10 27	0 45 20 40	2 15 7 21	6 49 8 18	2 7 4 52			
M17	18 54	1 34 2 30	14 18 1 18	19 59	0 13 23 54	1 27 14 52	0 41 17 20	1 55 4 32	0 41 10 27	0 45 20 40	2 15 7 22	6 48 8 16	2 8 4 52			
T 18	19 9	2s16 1 29	14 53 1 12	20 17	0 11 23 48	1 27 14 50	0 41 17 22	1 55 4 31	0 41 10 27	0 45 20 40	2 15 7 22	6 47 8 15	2 8 4 52			
W19	19 23	6 5 0 23	15 27 1 5	20 34	0 8 23 42	1 27 14 49	0 41 17 23	1 55 4 30	0 41 10 26	0 45 20 40	2 15 7 23	6 46 8 13	2 9 4 51			
T 20	19 37	9 44 0n45	16 1 0 59	20 51	0 6 23 35	1 26 14 48	0 41 17 25	1 55 4 30	0 41 10 26	0 45 20 40	2 15 7 23	6 44 8 11	2 9 4 51			
F 21	19 50	13 1 1 52	16 34 0 52	21 7	0 4 23 29	1 26 14 48	0 42 17 27	1 55 4 29	0 41 10 26	0 45 20 40	2 15 7 22	6 43 8 9	2 10 4 51			
S 22	20 4	15 43 2 55	17 6 0 45	21 23	0 1 23 22	1 26 14 47	0 42 17 29	1 55 4 29	0 41 10 26	0 45 20 40	2 15 7 20	6 42 8 8	2 10 4 50			
S 23	20 16	17 38 3 50	17 38 0 38	21 37	0s 1 23 14	1 26 14 46	0 42 17 30	1 55 4 28	0 41 10 26	0 45 20 40	2 14 7 18	6 41 8 6	2 10 4 50			
M24	20 29	18 34 4 32	18 9 0 31	21 52	0 4 23 7	1 25 14 45	0 42 17 32	1 55 4 28	0 41 10 26	0 45 20 40	2 14 7 15	6 40 8 4	2 11 4 50			
T25	20 41	18 23 4 59	18 39 0 24	22 5	0 6 22 59	1 25 14 44	0 43 17 34	1 55 4 27	0 41 10 26	0 45 20 40	2 14 7 12	6 38 8 2	2 11 4 49			
W26	20 53	17 4 5 8	18 9 0 17	22 18	0 8 22 51	1 25 14 44	0 43 17 35	1 55 4 27	0 41 10 26	0 45 20 40	2 14 7 10	6 37 8 1	2 11 4 49			
T27	21 4	14 42 4 58	19 36 0 10	22 31	0 11 22 43	1 24 14 43	0 43 17 37	1 55 4 26	0 41 10 26	0 45 20 40	2 14 7 8	6 36 7 59	2 11 4 49			
F 28	21 15	11 27 4 30	20 3 0 4	22 42	0 13 22 35	1 24 14 43	0 43 17 38	1 55 4 26	0 41 10 26	0 44 20 40	2 14 7 6	6 35 7 57	2 12 4 48			
S 29	21 25	7 33 3 46	20 30 0s 3	22 53	0 16 22 26	1 24 14 42	0 43 17 40	1 55 4 25	0 41 10 25	0 44 20 40	2 14 7 6	6 33 7 55	2 12 4 48			
S 30	21s35	3s14 2n48	20s55 0s10	23s 3	0s18 22s17	1s23 14n42	0n44 17s42	1n55 4n25	0s41 10s25	0s44 20s40	2n13 7s 6	6s32 7n54	2s12 4n48			

Julian Day Number = 2456962.5, Delta T = 67.58 sec  
 Ecliptic obliquity = 23°26'06, Nutation = 0°00'04, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°56'51, Lahiri = 24°03'51

# ASTRODIENST EPHEMERIS for the year 2014

## geocentric

DECEMBER 2014

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	4 39 6	8°42'06	29°17	4°34	17°50	26°55	22°32	27°26	12°R45	4°52	12°8	18°6	16°35	0°20	13°7	M 1
T 2	4 43 3	9°42'54	13°12	6°9	19°5	27°41	22°33	27°33	12°Y44	4°52	12°10	18°R 7	16°32	0°27	13°8	T 2
W 3	4 46 59	10°43'43	27°0	7°43	20°21	28°27	22°34	27°40	12°43	4°53	12°12	18°7	16°28	0°34	13°8	W 3
T 4	4 50 56	11°44'33	10°8	9°17	21°36	29°14	22°35	27°47	12°42	4°53	12°14	18°5	16°25	0°40	13°9	T 4
F 5	4 54 52	12°45'24	24°10	10°52	22°51	0°0	22°36	27°54	12°42	4°54	12°16	18°0	16°22	0°47	13°9	F 5
S 6	4 58 49	13°46'16	7°12	12°26	24°6	0°47	22°37	28°1	12°41	4°55	12°17	17°52	16°19	0°54	13°10	S 6
S 7	5 2 46	14°47'08	20°34	14°0	25°22	1°33	22°37	28°8	12°40	4°55	12°19	17°43	16°16	1°1	13°11	S 7
M 8	5 6 42	15°48'02	3°25	15°34	26°37	2°20	22°38	28°15	12°39	4°56	12°21	17°32	16°13	1°7	13°11	M 8
T 9	5 10 39	16°48'57	16°1	17°9	27°52	3°6	22°R38	28°22	12°39	4°57	12°23	17°21	16°9	1°14	13°12	T 9
W10	5 14 35	17°49'53	28°21	18°43	29°8	3°53	22°37	28°29	12°38	4°58	12°25	17°10	16°6	1°21	13°13	W10
T 11	5 18 32	18°50'51	10°29	20°17	0°23	4°39	22°37	28°35	12°37	4°58	12°27	17°2	16°3	1°27	13°14	T 11
F 12	5 22 28	19°51'49	22°26	21°51	1°38	5°26	22°37	28°42	12°37	4°59	12°29	16°55	16°0	1°34	13°15	F 12
S 13	5 26 25	20°52'48	4°17	23°26	2°53	6°13	22°36	28°49	12°36	5°0	12°31	16°51	15°57	1°41	13°16	S 13
S 14	5 30 21	21°53'48	16°6	25°0	4°9	6°59	22°35	28°56	12°36	5°1	12°33	16°50	15°54	1°47	13°17	S 14
M15	5 34 18	22°54'50	27°58	26°35	5°24	7°46	22°34	29°3	12°35	5°2	12°35	16°D49	15°50	1°54	13°18	M15
T 16	5 38 15	23°55'52	10°0	28°10	6°39	8°33	22°33	29°9	12°35	5°3	12°37	16°50	15°47	2°1	13°20	T 16
W17	5 42 11	24°56'55	22°15	29°45	7°55	9°20	22°31	29°16	12°35	5°4	12°39	16°R50	15°44	2°7	13°21	W17
T 18	5 46 8	25°58'00	4°10	1°30	9°10	10°6	22°29	29°23	12°35	5°5	12°41	16°49	15°41	2°14	13°22	T 18
F 19	5 50 4	26°59'05	17°48	2°55	10°25	10°53	22°27	29°29	12°34	5°6	12°43	16°45	15°38	2°21	13°24	F 19
S 20	5 54 1	28°0'11	1°11	4°30	11°40	11°40	22°25	29°36	12°34	5°7	12°45	16°38	15°34	2°27	13°25	S 20
S 21	5 57 57	29°1'18	14°59	6°5	12°56	12°27	22°23	29°43	12°34	5°9	12°47	16°29	15°31	2°34	13°27	S 21
M22	6 1 54	0°2'25	29°9	7°41	14°11	13°14	22°21	29°49	12°D34	5°10	12°49	16°17	15°28	2°41	13°28	M22
T 23	6 5 50	1°3'33	13°37	9°17	15°26	14°1	22°18	29°56	12°34	5°11	12°51	16°6	15°25	2°47	13°30	T 23
W24	6 9 47	2°4'41	28°15	10°52	16°42	14°47	22°15	0°2	12°34	5°12	12°53	15°54	15°22	2°54	13°31	W24
T 25	6 13 44	3°5'50	12°55	12°28	17°57	15°34	22°12	0°8	12°34	5°13	12°55	15°44	15°19	3°1	13°33	T 25
F 26	6 17 40	4°6'58	27°31	14°4	19°12	16°21	22°9	0°15	12°35	5°15	12°57	15°38	15°15	3°8	13°35	F 26
S 27	6 21 37	5°8'07	11°56	15°40	20°27	17°8	22°5	0°21	12°35	5°16	12°59	15°33	15°12	3°14	13°37	S 27
S 28	6 25 33	6°9'16	26°9	17°16	21°43	17°55	22°2	0°27	12°35	5°17	13°2	15°32	15°9	3°21	13°39	S 28
M29	6 29 30	7°10'24	10°16	18°52	22°58	18°42	21°58	0°34	12°35	5°19	13°4	15°32	15°6	3°28	13°40	M29
T 30	6 33 26	8°11'33	23°60	20°28	24°13	19°29	21°54	0°40	12°36	5°20	13°6	15°31	15°3	3°34	13°42	T 30
W31	6 37 23	9°12'41	7°19	22°3	25°28	20°16	21°50	0°46	12°Y36	5°22	13°8	15°30	14°59	3°41	13°44	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	21s45	1n14	1n40	21s19	0s17	23s13	0s20	22s8	1s23	14n42	0n44	17s43	1n55	4n25	0s41	10s25
T 2	21 54	5 37	0 26	21 43	0 23	23 22	0 23	21 58	1 22	14 41	0 44	17 45	1 55	4 24	0 41	10 25
W 3	22 3	9 40	0s48	22 5	0 30	23 30	0 25	21 48	1 22	14 41	0 44	17 46	1 55	4 24	0 41	10 25
T 4	22 11	13 9	1 58	22 26	0 36	23 38	0 28	21 38	1 22	14 41	0 45	17 48	1 55	4 24	0 41	10 24
F 5	22 19	15 53	3 1	22 46	0 43	23 44	0 30	21 28	1 21	14 41	0 45	17 50	1 55	4 23	0 41	10 24
S 6	22 27	17 44	3 53	23 5	0 49	23 50	0 32	21 18	1 21	14 41	0 45	17 51	1 55	4 23	0 41	10 24
S 7	22 34	18 35	4 31	23 23	0 55	23 56	0 35	21 7	1 20	14 41	0 45	17 53	1 55	4 23	0 41	10 24
M 8	22 41	18 28	4 55	23 40	1 1	24 0	0 37	20 56	1 20	14 41	0 46	17 54	1 55	4 22	0 41	10 23
T 9	22 47	17 27	5 4	23 55	1 6	24 4	0 39	20 45	1 20	14 42	0 46	17 56	1 55	4 22	0 41	10 23
W10	22 53	15 37	4 58	24 9	1 12	24 7	0 41	20 34	1 19	14 42	0 46	17 57	1 55	4 22	0 41	10 23
T 11	22 58	13 7	4 39	24 22	1 17	24 10	0 44	20 22	1 19	14 42	0 46	17 59	1 55	4 22	0 41	10 22
F 12	23 3	10 7	4 8	24 34	1 23	24 11	0 46	20 10	1 18	14 43	0 47	18 0	1 55	4 22	0 40	10 22
S 13	23 7	6 44	3 27	24 44	1 28	24 12	0 48	19 58	1 18	14 43	0 47	18 1	1 55	4 21	0 40	10 22
S 14	23 11	3 5	2 36	24 53	1 32	24 12	0 50	19 46	1 17	14 44	0 47	18 3	1 55	4 21	0 40	10 21
M15	23 15	0s42	1 39	25 0	1 37	24 12	0 52	19 34	1 17	14 44	0 47	18 4	1 55	4 21	0 40	10 21
T 16	23 18	4 31	0 36	25 7	1 41	24 10	0 54	19 21	1 16	14 45	0 48	18 6	1 55	4 21	0 40	10 21
W17	23 20	8 13	0n29	25 12	1 46	24 8	0 56	19 8	1 16	14 45	0 48	18 7	1 55	4 21	0 40	10 20
T 18	23 22	11 39	1 34	25 15	1 49	24 5	0 58	18 55	1 16	14 46	0 48	18 9	1 55	4 21	0 40	10 20
F 19	23 24	14 38	2 37	25 17	1 53	24 2	1 0	18 42	1 15	14 47	0 48	18 10	1 55	4 21	0 40	10 19
S 20	23 25	16 55	3 32	25 18	1 56	23 57	1 2	18 29	1 15	14 48	0 49	18 11	1 55	4 21	0 40	10 19
S 21	23 26	18 19	4 17	25 17	1 59	23 52	1 4	18 15	1 14	14 49	0 49	18 13	1 55	4 21	0 40	10 19
M22	23 26	18 38	4 48	25 15	2 2	23 46	1 6	18 1	1 14	14 50	0 49	18 14	1 55	4 21	0 40	10 18
T 23	23 26	17 45	5 1	25 11	2 5	23 40	1 8	17 47	1 13	14 51	0 49	18 15	1 55	4 21	0 40	10 18
W24	23 25	15 42	4 54	25 6	2 7	23 32	1 9	17 33	1 12	14 52	0 49	18 17	1 55	4 21	0 40	10 17
T 25	23 24	12 38	4 28	24 59	2 8	23 24	1 11	17 19	1 12	14 53	0 50	18 18	1 55	4 21	0 40	10 17
F 26	23 22	8 49	3 45	24 50	2 10	23 16	1 13	17 4	1 11	14 55	0 50	18 19	1 55	4 21	0 40	10 16
S 27	23 20	4 30	2 48	24 40	2 10	23 6	1 14	16 49	1 11	14 56	0 50	18 20	1 55	4 21	0 40	10 16
S 28	23 18	0n0	1 41	24 29	2 11	22 56	1 16	16 34	1 10	14 57	0 50	18 22	1 56	4 22	0 40	10 15
M29	23 14	4 26	0 29	24 16	2 11	22 45	1 17	16 19	1 10	14 59	0 51	18 23	1 56	4 22	0 40	10 15
T 30	23 11	8 34	0s44	24 2	2 10	22 34	1 19	16 4	1 9	15 0	0 51	18 24	1 56	4 22	0 40	10 14
W31	23s7	12n11	1s53	23s45	2s10	22s21	1s20	15s49	1s9	15n2	0n51	18s25	1n56	4n22	0s40	10s14

Julian Day Number = 2456992.5, Delta T = 67.61 sec  
 Ecliptic obliquity = 23°26'05, Nutation = 0°00'04, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 24°56'55, Lahiri = 24°03'56