



Astrodienst Ephemeris Tables for the year 2114

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 2114

geocentric

FEBRUARY 2114

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 43 37	11°45'22	15°53	28°R39	24°21	14°30	21°31	26°3	15°R53	17°R52	15°45	20°R 0	18°II32	15°M28	10°K 9	T 1
F 2	8 47 33	12°46'19	28° 4	27°356	25°36	15°10	21°41	26° 9	15°II51	17°452	15°45	20°II 0	18°29	15°34	10°13	F 2
S 3	8 51 30	13°47'14	10°32	27°22	26°51	15°50	21°52	26°15	15°50	17°51	15°45	19°57	18°26	15°41	10°16	S 3
S 4	8 55 27	14°48'09	23°18	26°56	28° 6	16°29	22° 3	26°22	15°49	17°51	15°45	19°53	18°23	15°48	10°20	S 4
M 5	8 59 23	15°49'05	6°25	26°40	29°21	17° 9	22°13	26°28	15°48	17°50	15°45	19°46	18°20	15°54	10°24	M 5
T 6	9 3 20	16°49'56	19°51	26°31	0°K37	17°49	22°23	26°34	15°48	17°50	15°45	19°36	18°16	16° 1	10°27	T 6
W 7	9 7 16	17°50'48	3°K34	26°D30	1°52	18°28	22°34	26°40	15°47	17°49	15°45	19°26	18°13	16° 8	10°31	W 7
T 8	9 11 13	18°51'38	17°30	26°36	3° 7	19° 8	22°44	26°47	15°46	17°48	15°46	19°16	18°10	16°14	10°35	T 8
F 9	9 15 9	19°52'27	1°Y36	26°50	4°22	19°48	22°54	26°53	15°45	17°48	15°46	19° 7	18° 7	16°21	10°39	F 9
S 10	9 19 6	20°53'15	15°46	27° 9	5°37	20°28	23° 4	27° 0	15°45	17°47	15°46	19° 0	18° 4	16°28	10°42	S 10
S 11	9 23 2	21°54'01	29°58	27°35	6°52	21° 7	23°14	27° 6	15°44	17°46	15°46	18°55	18° 1	16°34	10°46	S 11
M12	9 26 59	22°54'45	14°8 7	28° 6	8° 7	21°47	23°24	27°13	15°43	17°46	15°47	18°53	17°57	16°41	10°50	M12
T 13	9 30 56	23°55'28	28°14	28°42	9°22	22°27	23°33	27°19	15°43	17°45	15°47	18°D53	17°54	16°48	10°54	T 13
W14	9 34 52	24°56'10	12°II15	29°22	10°37	23° 7	23°43	27°26	15°42	17°44	15°47	18°R53	17°51	16°54	10°57	W14
T 15	9 38 49	25°56'49	26°12	0°K 7	11°52	23°46	23°52	27°33	15°42	17°43	15°48	18°53	17°48	17° 1	11° 1	T 15
F 16	9 42 45	26°57'28	10°3	0°55	13° 7	24°26	24° 2	27°40	15°42	17°42	15°48	18°52	17°45	17° 8	11° 5	F 16
S 17	9 46 42	27°58'04	23°47	1°47	14°21	25° 6	24°11	27°46	15°41	17°41	15°48	18°47	17°42	17°14	11° 9	S 17
S 18	9 50 38	28°58'39	7°Q23	2°42	15°36	25°46	24°20	27°53	15°41	17°40	15°49	18°40	17°38	17°21	11°13	S 18
M19	9 54 35	29°59'12	20°47	3°40	16°51	26°25	24°29	28° 0	15°41	17°39	15°49	18°30	17°35	17°28	11°17	M19
T 20	9 58 32	0°K59'44	3°M59	4°41	18° 6	27° 5	24°38	28° 7	15°41	17°38	15°50	18°18	17°32	17°34	11°20	T 20
W21	10 2 28	2° 0'14	16°55	5°44	19°21	27°45	24°47	28°14	15°40	17°37	15°50	18° 5	17°29	17°41	11°24	W21
T 22	10 6 25	3° 0'42	29°36	6°50	20°35	28°25	24°55	28°21	15°40	17°36	15°51	17°52	17°26	17°48	11°28	T 22
F 23	10 10 21	4° 1'09	12°A 1	7°58	21°50	29° 4	25° 4	28°28	15°D40	17°35	15°51	17°41	17°22	17°54	11°32	F 23
S 24	10 14 18	5° 1'35	24°11	9° 8	23° 5	29°44	25°12	28°35	15°40	17°34	15°52	17°32	17°19	18° 1	11°36	S 24
S 25	10 18 14	6° 1'59	6°M10	10°20	24°20	0°324	25°21	28°42	15°41	17°33	15°52	17°25	17°16	18° 8	11°40	S 25
M26	10 22 11	7° 2'22	18° 1	11°33	25°34	1° 4	25°29	28°49	15°41	17°32	15°53	17°22	17°13	18°14	11°44	M26
T 27	10 26 7	8° 2'44	29°50	12°49	26°49	1°44	25°37	28°56	15°41	17°31	15°53	17°20	17°10	18°21	11°48	T 27
W28	10 30 4	9°K 3'04	11°A40	14°K 6	28°K 3	2°323	25°A44	29°K 3	15°II41	17°430	15°54	17°II20	17°II 7	18°M28	11°K52	W28

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
T 1	17s15	22s19	0n22	17s 2	3n27	14s48	1s29	22s19	0n13	22s36	0n33	3s30	2s 7	22n44	0n 3	5s32	1n35	1n33	15s38	23n 3	22n56	13s46	3s 9	4n59			
F 2	16 58	24 8	0s43	17 17	3 21	14 23	1 29	22 24	0 12	22 37	0 33	3 28	2 7	22 44	0 3	5 32	1 36	1 33	15 37	23 3	22 56	13 49	3 7	4 58			
S 3	16 41	24 48	1 48	17 31	3 13	13 57	1 30	22 29	0 11	22 37	0 33	3 25	2 6	22 44	0 3	5 32	1 36	1 34	15 37	23 3	22 55	13 51	3 6	4 58			
S 4	16 23	24 11	2 49	17 44	3 5	13 32	1 30	22 34	0 10	22 38	0 33	3 23	2 6	22 43	0 3	5 31	1 36	1 34	15 37	23 2	22 55	13 54	3 5	4 58			
M 5	16 5	22 15	3 42	17 57	2 55	13 6	1 30	22 39	0 9	22 39	0 33	3 20	2 6	22 43	0 3	5 31	1 36	1 34	15 36	23 2	22 55	13 56	3 4	4 58			
T 6	15 47	19 2	4 25	18 9	2 45	12 39	1 30	22 43	0 9	22 39	0 33	3 18	2 6	22 43	0 3	5 31	1 36	1 35	15 36	23 1	22 54	13 59	3 3	4 58			
W 7	15 28	14 44	4 53	18 20	2 34	12 12	1 30	22 48	0 8	22 40	0 33	3 15	2 6	22 43	0 3	5 31	1 36	1 35	15 36	23 0	22 54	14 2	3 1	4 58			
T 8	15 10	9 36	5 4	18 30	2 22	11 45	1 30	22 52	0 7	22 40	0 33	3 12	2 6	22 43	0 3	5 30	1 36	1 36	15 35	22 59	22 54	14 4	3 0	4 57			
F 9	14 51	3 54	4 57	18 38	2 11	11 18	1 30	22 56	0 6	22 41	0 33	3 10	2 6	22 43	0 3	5 30	1 36	1 36	15 35	22 59	22 54	14 7	2 59	4 57			
S 10	14 31	2n 1	4 32	18 46	1 59	10 50	1 30	22 59	0 6	22 41	0 33	3 7	2 6	22 43	0 3	5 30	1 36	1 36	15 35	22 58	22 53	14 10	2 58	4 57			
S 11	14 12	7 52	3 50	18 53	1 47	10 22	1 29	23 3	0 5	22 42	0 33	3 4	2 6	22 43	0 3	5 29	1 36	1 37	15 34	22 58	22 53	14 12	2 56	4 57			
M12	13 52	13 18	2 54	18 58	1 35	9 54	1 29	23 6	0 4	22 42	0 33	3 2	2 6	22 43	0 3	5 29	1 36	1 37	15 34	22 58	22 53	14 15	2 55	4 57			
T 13	13 32	18 0	1 48	19 3	1 24	9 25	1 29	23 10	0 3	22 43	0 33	2 59	2 5	22 43	0 3	5 29	1 36	1 38	15 33	22 58	22 52	14 17	2 54	4 57			
W14	13 12	21 40	0 35	19 6	1 12	8 57	1 28	23 13	0 2	22 43	0 33	2 56	2 5	22 43	0 3	5 28	1 36	1 38	15 33	22 58	22 52	14 20	2 53	4 57			
T 15	12 52	24 1	0n39	19 7	1 1	8 28	1 28	23 15	0 1	22 44	0 33	2 53	2 5	22 43	0 3	5 28	1 36	1 38	15 33	22 58	22 52	14 23	2 51	4 56			
F 16	12 31	24 52	1 50	19 8	0 50	7 58	1 27	23 18	0 0	22 44	0 33	2 51	2 5	22 43	0 3	5 28	1 36	1 39	15 32	22 57	22 52	14 25	2 50	4 56			
S 17	12 10	24 11	2 54	19 7	0 39	7 29	1 26	23 20	0s 0	22 45	0 33	2 48	2 5	22 43	0 3	5 27	1 36	1 39	15 32	22 57	22 51	14 28	2 49	4 56			
S 18	11 49	22 5	3 47	19 5	0 28	6 59	1 26	23 23	0 1	22 45	0 33	2 45	2 5	22 43	0 3	5 27	1 36	1 40	15 32	22 56	22 51	14 30	2 47	4 56			
M19	11 28	18 46	4 27	19 2	0 18	6 29	1 25	23 25	0 2	22 45	0 33	2 42	2 5	22 43	0 3	5 26	1 36	1 40	15 31	22 56	22 51	14 33	2 46	4 56			
T 20	11 7	14 34	4 52	18 58	0 8	5 59	1 24	23 27	0 3	22 46	0 33	2 40	2 5	22 43	0 3	5 26	1 36	1 41	15 31	22 55	22 50	14 35	2 45	4 56			
W21	10 45	9 47	5 1	18 52	0s 2	5 29	1 23	23 28	0 4	22 46	0 33	2 37	2 5	22 43	0 3	5 26	1 36	1 41	15 31	22 53	22 50	14 38	2 43	4 56			
T 22	10 24	4 40	4 55	18 45	0 12	4 59	1 22	23 30	0 5	22 47	0 33	2 34	2 5	22 43	0 3	5 25	1 37	1 41	15 30	22 52	22 50	14 41	2 42	4 56			
F 23	10 2	0s32	4 35	18 36	0 21	4 29	1 21	23 31	0 6	22 47	0 33	2 31	2 5	22 43	0 3	5 25	1 37	1 42	15 30	22 51	22 50	14 43	2 40	4 56			
S 24	9 40	5 37	4 2	18 27	0 30	3 58	1 20	23 32	0 7	22 47	0 33	2 28	2 5	22 43	0 3	5 24	1 37	1 42	15 30	22 50	22 49	14 46	2 39	4 56			
S 25	9 18	10 25	3 20	18 16	0 39	3 27	1 19	23 33	0 8	22 47	0 33	2 25	2 5	22 43	0 3	5 24	1 37	1 43	15 29	22 50	22 49	14 48	2 38	4 55			
M26	8 55	14 48	2 29	18 3	0 47	2 57	1 17	23 34	0 9	22 48	0 33	2 23	2 5	22 43	0 3	5 23	1 37	1 43	15 29	22 50	22 49	14 51	2 36	4 55			
T 27	8 33	18 37	1 31	17 50	0 55	2 26	1 16	23 34	0 10	22 48	0 33	2 20	2 5	22 43	0 3	5 23	1 37	1 44	15 29	22 49	22 48	14 53	2 35	4 55			
W28	8s10	21s40	0n30	17s35	1s 2	1s55	1s15	23s35	0s11	22s48	0n33	2s17	2s 5	22n43	0n 3	5s22	1n37	1n44	15s29	22n49	22n48	14s56	2s33	4n55			

Julian Day Number = 2493213.5, Delta T = 100.10 sec

Ecliptic obliquity = 23°25'30, Nutation = - 0°00'16, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 26°20'03, Lahiri = 25°27'04

ASTRODIENST EPHEMERIS for the year 2114

geocentric

MARCH 2114

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 34 0	10° 3'23	23° 38	15° 24	29° 18	3° 3	25° 52	29° 11	15° 42	17° 28	15° 55	17° 20	17° 3	18° 34	11° 55	T 1
F 2	10 37 57	11° 3'40	5° 50	16° 45	0° 32	3° 43	26° 0	29° 18	15° 42	17° 27	15° 55	17° 19	17° 0	18° 41	11° 59	F 2
S 3	10 41 54	12° 3'56	18° 20	18° 6	1° 47	4° 23	26° 7	29° 25	15° 42	17° 26	15° 56	17° 16	16° 57	18° 47	12° 3	S 3
S 4	10 45 50	13° 4'10	1° 13	19° 29	3° 1	5° 3	26° 15	29° 32	15° 43	17° 25	15° 57	17° 10	16° 54	18° 54	12° 7	S 4
M 5	10 49 47	14° 4'23	14° 30	20° 53	4° 16	5° 42	26° 22	29° 40	15° 43	17° 23	15° 57	17° 2	16° 51	19° 1	12° 11	M 5
T 6	10 53 43	15° 4'34	28° 12	22° 19	5° 30	6° 22	26° 29	29° 47	15° 44	17° 22	15° 58	16° 51	16° 47	19° 7	12° 15	T 6
W 7	10 57 40	16° 4'43	12° 16	23° 46	6° 45	7° 2	26° 36	29° 54	15° 45	17° 21	15° 59	16° 39	16° 44	19° 14	12° 19	W 7
T 8	11 1 36	17° 4'51	26° 39	25° 14	7° 59	7° 42	26° 42	0° 9	15° 45	17° 19	16° 0	16° 26	16° 41	19° 21	12° 23	T 8
F 9	11 5 33	18° 4'56	11° 19	26° 43	9° 13	8° 22	26° 49	0° 9	15° 46	17° 18	16° 0	16° 15	16° 38	19° 27	12° 27	F 9
S 10	11 9 29	19° 5'00	25° 50	28° 13	10° 28	9° 1	26° 55	0° 16	15° 47	17° 17	16° 1	16° 6	16° 35	19° 34	12° 31	S 10
S 11	11 13 26	20° 5'01	10° 24	29° 45	11° 42	9° 41	27° 2	0° 24	15° 48	17° 15	16° 2	16° 0	16° 32	19° 41	12° 34	S 11
M 12	11 17 23	21° 5'01	24° 50	1° 18	12° 56	10° 21	27° 8	0° 31	15° 49	17° 14	16° 3	15° 57	16° 28	19° 47	12° 38	M 12
T 13	11 21 19	22° 4'58	9° 11	2° 52	14° 10	11° 1	27° 14	0° 39	15° 50	17° 12	16° 4	15° 56	16° 25	19° 54	12° 42	T 13
W 14	11 25 16	23° 4'53	23° 6	4° 27	15° 24	11° 40	27° 20	0° 46	15° 51	17° 11	16° 4	15° 56	16° 22	20° 1	12° 46	W 14
T 15	11 29 12	24° 4'46	6° 3	16° 38	12° 20	27° 25	0° 53	15° 52	17° 9	16° 5	15° 55	16° 19	20° 7	12° 50	12° 50	T 15
F 16	11 33 9	25° 4'37	20° 30	7° 41	17° 52	13° 0	27° 31	1° 1	15° 53	17° 8	16° 6	15° 53	16° 16	20° 14	12° 54	F 16
S 17	11 37 5	26° 4'25	3° 54	9° 19	19° 6	13° 40	27° 36	1° 8	15° 54	17° 6	16° 7	15° 49	16° 13	20° 21	12° 58	S 17
S 18	11 41 2	27° 4'11	17° 6	10° 59	20° 20	14° 19	27° 41	1° 16	15° 55	17° 5	16° 8	15° 41	16° 9	20° 27	13° 1	S 18
M 19	11 44 58	28° 3'55	0° 7	12° 40	21° 34	14° 59	27° 46	1° 23	15° 56	17° 3	16° 9	15° 31	16° 6	20° 34	13° 5	M 19
T 20	11 48 55	29° 3'37	12° 57	14° 23	22° 48	15° 39	27° 51	1° 31	15° 58	17° 2	16° 10	15° 19	16° 3	20° 41	13° 9	T 20
W 21	11 52 52	0° 3'16	25° 35	16° 6	24° 2	16° 18	27° 56	1° 38	15° 59	17° 0	16° 11	15° 6	16° 0	20° 47	13° 13	W 21
T 22	11 56 48	1° 2'54	8° 2	17° 51	25° 16	16° 58	28° 0	1° 46	16° 0	16° 59	16° 12	14° 53	15° 57	20° 54	13° 17	T 22
F 23	12 0 45	2° 2'30	20° 16	19° 37	26° 30	17° 38	28° 5	1° 53	16° 2	16° 57	16° 13	14° 41	15° 53	21° 1	13° 20	F 23
S 24	12 4 41	3° 2'04	2° 15	21° 24	27° 43	18° 17	28° 9	2° 1	16° 3	16° 56	16° 14	14° 31	15° 50	21° 7	13° 24	S 24
S 25	12 8 38	4° 1'36	14° 15	23° 13	28° 57	18° 57	28° 13	2° 8	16° 5	16° 54	16° 15	14° 25	15° 47	21° 14	13° 28	S 25
M 26	12 12 34	5° 1'06	26° 5	25° 2	0° 11	19° 37	28° 17	2° 15	16° 7	16° 52	16° 16	14° 21	15° 44	21° 21	13° 32	M 26
T 27	12 16 31	6° 0'34	7° 52	26° 53	1° 24	20° 16	28° 20	2° 23	16° 8	16° 51	16° 17	14° 19	15° 41	21° 27	13° 35	T 27
W 28	12 20 27	7° 0'01	19° 42	28° 46	2° 38	20° 56	28° 24	2° 30	16° 10	16° 49	16° 18	14° 19	15° 38	21° 34	13° 39	W 28
T 29	12 24 24	7° 59'26	1° 39	0° 40	3° 51	21° 36	28° 27	2° 38	16° 12	16° 47	16° 19	14° 19	15° 34	21° 41	13° 43	T 29
F 30	12 28 21	8° 58'49	13° 49	2° 34	5° 5	22° 15	28° 30	2° 45	16° 13	16° 46	16° 20	14° 19	15° 31	21° 47	13° 46	F 30
S 31	12 32 17	9° 58'10	26° 17	4° 31	6° 18	22° 55	28° 33	2° 53	16° 15	16° 44	16° 22	14° 18	15° 28	21° 54	13° 50	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	7s48	23s50	0s33	17s19	1s 9	1s24	1s13	23s35	0s12	22s49	0n33	2s14	2s 5	22n43	0n 3	5s22
F 2	7 25	24 54	1 36	17 1	1 16	0 53	1 12	23 35	0 12	22 49	0 33	2 11	2 4	22 43	0 3	5 21
S 3	7 2	24 45	2 36	16 43	1 23	0 22	1 10	23 35	0 13	22 49	0 33	2 8	2 4	22 43	0 3	5 21
S 4	6 39	23 17	3 30	16 23	1 29	0n 9	1 8	23 34	0 15	22 49	0 33	2 5	2 4	22 43	0 3	5 20
M 5	6 16	20 31	4 14	16 1	1 35	0 40	1 7	23 34	0 16	22 49	0 33	2 2	2 4	22 43	0 3	5 20
T 6	5 53	16 32	4 45	15 39	1 40	1 11	1 5	23 33	0 17	22 50	0 33	1 59	2 4	22 43	0 3	5 19
W 7	5 29	11 34	4 59	15 15	1 45	1 42	1 3	23 32	0 18	22 50	0 33	1 56	2 4	22 43	0 3	5 19
T 8	5 6	5 51	4 56	14 50	1 50	2 13	1 1	23 31	0 19	22 50	0 33	1 53	2 4	22 43	0 3	5 18
F 9	4 43	0n15	4 33	14 24	1 54	2 44	1 0	23 29	0 20	22 50	0 33	1 50	2 4	22 43	0 3	5 18
S 10	4 19	6 22	3 52	13 56	1 58	3 15	0 58	23 28	0 21	22 50	0 33	1 48	2 4	22 43	0 3	5 17
S 11	3 56	12 9	2 56	13 27	2 2	3 46	0 56	23 26	0 22	22 50	0 33	1 45	2 4	22 43	0 3	5 16
M 12	3 32	17 12	1 49	12 57	2 5	4 17	0 53	23 24	0 23	22 51	0 33	1 42	2 4	22 44	0 3	5 16
T 13	3 8	21 12	0 36	12 26	2 8	4 48	0 51	23 22	0 24	22 51	0 33	1 39	2 4	22 44	0 3	5 15
W 14	2 45	23 53	0n38	11 53	2 10	5 18	0 49	23 20	0 25	22 51	0 33	1 36	2 4	22 44	0 3	5 15
T 15	2 21	25 3	1 49	11 20	2 12	5 49	0 47	23 17	0 26	22 51	0 33	1 33	2 4	22 44	0 3	5 14
F 16	1 57	24 42	2 45	10 45	2 13	6 19	0 45	23 15	0 27	22 51	0 33	1 30	2 4	22 44	0 3	5 14
S 17	1 34	22 54	3 52	10 9	2 14	6 49	0 42	23 12	0 29	22 51	0 33	1 27	2 4	22 44	0 3	5 13
S 18	1 10	19 54	4 25	9 31	2 15	7 19	0 40	23 9	0 30	22 51	0 33	1 24	2 4	22 44	0 3	5 12
M 19	0 46	15 57	4 50	8 53	2 15	7 49	0 38	23 6	0 31	22 51	0 33	1 21	2 4	22 44	0 3	5 12
T 20	0 22	11 19	5 0	8 13	2 15	8 19	0 35	23 2	0 32	22 51	0 33	1 18	2 4	22 45	0 3	5 11
W 21	0n 1	6 17	4 56	7 32	2 14	8 49	0 33	22 59	0 33	22 51	0 33	1 15	2 4	22 45	0 3	5 11
T 22	0 25	1 4	4 37	6 50	2 13	9 18	0 30	22 55	0 34	22 51	0 33	1 12	2 4	22 45	0 3	5 10
F 23	0 49	4s 7	4 6	6 7	2 11	9 47	0 28	22 51	0 36	22 52	0 33	1 9	2 4	22 45	0 3	5 9
S 24	1 12	9 5	3 23	5 23	2 9	10 16	0 25	22 47	0 37	22 52	0 33	1 6	2 4	22 45	0 3	5 9
S 25	1 36	13 41	2 33	4 38	2 6	10 45	0 22	22 43	0 38	22 52	0 33	1 3	2 4	22 45	0 3	5 8
M 26	2 0	17 43	1 36	3 51	2 3	11 13	0 20	22 38	0 39	22 52	0 33	1 0	2 4	22 46	0 3	5 7
T 27	2 23	21 3	0 34	3 4	2 0	11 41	0 17	22 34	0 41	22 52	0 33	0 57	2 5	22 46	0 4	5 7
W 28	2 47	23 30	0s29	2 15	1 55	12 9	0 14	22 29	0 42	22 52	0 33	0 55	2 5	22 46	0 4	5 6
T 29	3 10	24 56	1 31	1 26	1 51	12 37	0 12	22 24	0 43	22 52	0 33	0 52	2 5	22 46	0 4	5 6
F 30	3 33	25 12	2 31	0 36	1 46	13 4	0 9	22 19	0 44	22 52	0 33	0 49	2 5	22 46	0 4	5 5
S 31	3n57	24s14	3s24	0n16	1s40	13n31	0s 6	22s14	0s46	22s52	0n33	0s46	2s 5	22n46	0n 4	5s 4

Julian Day Number = 2493241.5, Delta T = 100.14 sec
 Ecliptic obliquity = 23°25'30", Nutation = - 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°20'07", Lahiri = 25°27'08"

ASTRODIENST EPHEMERIS for the year 2114
geocentric

APRIL 2114

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 36 14	10°57'30	9° 8	6°28	7°31	23°34	28°36	3° 0	16°17	16°43	16°23	14°R15	15°25	22° 1	13°53	S 1
M 2	12 40 10	11°56'47	22°26	8°27	8°45	24°14	28°39	3° 8	16°19	16°41	16°24	14° 9	15°22	22° 7	13°57	M 2
T 3	12 44 7	12°56'03	6°12	10°27	9°58	24°54	28°41	3°15	16°21	16°39	16°25	14° 1	15°18	22°14	14° 0	T 3
W 4	12 48 3	13°55'17	20°25	12°28	11°11	25°33	28°43	3°22	16°23	16°38	16°26	13°52	15°15	22°21	14° 4	W 4
T 5	12 52 0	14°54'29	5° 2	14°30	12°24	26°13	28°45	3°30	16°25	16°36	16°27	13°42	15°12	22°27	14° 7	T 5
F 6	12 55 56	15°53'39	19°54	16°33	13°37	26°52	28°47	3°37	16°27	16°34	16°29	13°33	15° 9	22°34	14°11	F 6
S 7	12 59 53	16°52'48	4°54	18°36	14°50	27°31	28°49	3°45	16°29	16°33	16°30	13°26	15° 6	22°41	14°14	S 7
S 8	13 3 49	17°51'54	19°52	20°41	16° 3	28°11	28°50	3°52	16°31	16°31	16°31	13°22	15° 3	22°47	14°18	S 8
M 9	13 7 46	18°50'57	4°14	22°45	17°16	28°50	28°52	3°59	16°34	16°29	16°32	13°20	14°59	22°54	14°21	M 9
T 10	13 11 43	19°49'59	19°13	24°50	18°29	29°30	28°53	4° 6	16°36	16°28	16°33	13°D20	14°56	23° 1	14°24	T 10
W11	13 15 39	20°48'58	3°26	26°55	19°42	0° 9	28°54	4°14	16°38	16°26	16°35	13°20	14°53	23° 7	14°28	W11
T 12	13 19 36	21°47'56	17°19	29° 0	20°55	0°48	28°54	4°21	16°41	16°24	16°36	13°R21	14°50	23°14	14°31	T 12
F 13	13 23 32	22°46'50	0°52	1° 4	22° 8	1°28	28°55	4°28	16°43	16°23	16°37	13°21	14°47	23°20	14°34	F 13
S 14	13 27 29	23°45'43	14° 7	3° 7	23°20	2° 7	28°55	4°35	16°45	16°21	16°38	13°19	14°44	23°27	14°38	S 14
S 15	13 31 25	24°44'33	27° 6	5° 9	24°33	2°46	28°R56	4°43	16°48	16°20	16°40	13°15	14°40	23°34	14°41	S 15
M16	13 35 22	25°43'20	9°51	7°10	25°46	3°25	28°56	4°50	16°50	16°18	16°41	13° 9	14°37	23°40	14°44	M16
T 17	13 39 18	26°42'06	22°23	9° 8	26°58	4° 4	28°55	4°57	16°53	16°16	16°42	13° 1	14°34	23°47	14°47	T 17
W18	13 43 15	27°40'49	4°44	11° 5	28°11	4°44	28°55	5° 4	16°55	16°15	16°43	12°53	14°31	23°54	14°50	W18
T 19	13 47 12	28°39'31	16°55	12°58	29°23	5°23	28°54	5°11	16°58	16°13	16°45	12°44	14°28	24° 0	14°53	T 19
F 20	13 51 8	29°38'10	28°58	14°49	0°13	6° 2	28°54	5°18	17° 1	16°11	16°46	12°37	14°24	24° 7	14°56	F 20
S 21	13 55 5	0°36'48	10°54	16°37	1°47	6°41	28°53	5°25	17° 3	16°10	16°47	12°31	14°21	24°14	14°59	S 21
S 22	13 59 1	1°35'23	22°45	18°21	3° 0	7°20	28°52	5°32	17° 6	16° 8	16°49	12°27	14°18	24°20	15° 2	S 22
M23	14 2 58	2°33'57	4°33	20° 1	4°12	7°59	28°50	5°39	17° 9	16° 7	16°50	12°25	14°15	24°27	15° 5	M23
T 24	14 6 54	3°32'29	16°21	21°38	5°24	8°38	28°49	5°46	17°11	16° 5	16°51	12°D25	14°12	24°34	15° 8	T 24
W25	14 10 51	4°31'00	28°11	23°10	6°36	9°17	28°47	5°53	17°14	16° 4	16°53	12°26	14° 9	24°40	15°11	W25
T 26	14 14 47	5°29'29	10°31	24°38	7°48	9°55	28°45	6° 0	17°17	16° 2	16°54	12°27	14° 5	24°47	15°14	T 26
F 27	14 18 44	6°27'56	22°20	26° 2	9° 0	10°34	28°43	6° 7	17°20	16° 1	16°55	12°29	14° 2	24°54	15°16	F 27
S 28	14 22 41	7°26'21	4°46	27°21	10°12	11°13	28°41	6°13	17°23	15°59	16°57	12°R30	13°59	25° 0	15°19	S 28
S 29	14 26 37	8°24'45	17°34	28°35	11°23	11°52	28°38	6°20	17°26	15°58	16°58	12°29	13°56	25° 7	15°22	S 29
M30	14 30 34	9°23'07	0°48	29°45	12°13	12°30	28°36	6°27	17°29	15°56	16°59	12°28	13°53	25°14	15°24	M30

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
S 1	4n20	21s58	4s10	1n 8	1s34	13n58	0s 3	22s 9	0s47	22s52	0n33	0s43	2s 5	22n47	0n 4	5s 4	1n38	2n 0	15s20	22n30	22n38	16s17	1s47	4n55			
M 2	4 43	18 29	4 43	2 1	1 27	14 24	0 0	22 3	0 48	22 52	0 33	0 40	2 5	22 47	0 4	5 3	1 38	2 0	15 20	22 29	22 37	16 19	1 46	4 55			
T 3	5 6	13 54	5 2	2 55	1 20	14 50	0n 2	21 57	0 50	22 52	0 33	0 37	2 5	22 47	0 4	5 2	1 38	2 1	15 20	22 28	22 37	16 22	1 44	4 55			
W 4	5 29	8 26	5 3	3 49	1 12	15 16	0 5	21 51	0 51	22 52	0 33	0 34	2 5	22 47	0 4	5 2	1 38	2 1	15 19	22 27	22 37	16 24	1 43	4 56			
T 5	5 52	2 21	4 44	4 44	1 4	15 41	0 8	21 45	0 52	22 52	0 33	0 31	2 5	22 48	0 4	5 1	1 38	2 2	15 19	22 26	22 36	16 27	1 42	4 56			
F 6	6 15	3n59	4 6	5 39	0 55	16 6	0 11	21 39	0 54	22 52	0 33	0 29	2 5	22 48	0 4	5 0	1 38	2 2	15 19	22 25	22 36	16 29	1 40	4 56			
S 7	6 38	10 9	3 11	6 35	0 46	16 30	0 14	21 33	0 55	22 52	0 33	0 26	2 5	22 48	0 4	5 0	1 38	2 3	15 19	22 24	22 36	16 32	1 39	4 56			
S 8	7 0	15 44	2 2	7 30	0 36	16 54	0 17	21 26	0 57	22 52	0 33	0 23	2 5	22 48	0 4	4 59	1 38	2 3	15 19	22 23	22 35	16 34	1 37	4 56			
M 9	7 23	20 18	0 46	8 26	0 26	17 18	0 20	21 20	0 58	22 52	0 33	0 20	2 5	22 48	0 4	4 58	1 38	2 4	15 19	22 23	22 35	16 37	1 36	4 56			
T 10	7 45	23 31	0n32	9 22	0 16	17 41	0 23	21 13	0 59	22 52	0 33	0 17	2 5	22 49	0 4	4 58	1 38	2 4	15 18	22 23	22 35	16 39	1 35	4 56			
W11	8 7	25 9	1 46	10 17	0 5	18 4	0 26	21 6	1 1	22 52	0 33	0 14	2 5	22 49	0 4	4 57	1 38	2 5	15 18	22 23	22 34	16 41	1 33	4 56			
T 12	8 29	25 9	2 52	11 12	0n 5	18 26	0 29	20 59	1 2	22 52	0 33	0 12	2 6	22 49	0 4	4 57	1 38	2 5	15 18	22 23	22 34	16 44	1 32	4 56			
F 13	8 51	23 39	3 47	12 6	0 16	18 48	0 32	20 52	1 4	22 52	0 33	0 9	2 6	22 49	0 4	4 56	1 38	2 6	15 18	22 23	22 33	16 46	1 31	4 56			
S 14	9 13	20 52	4 29	12 59	0 28	19 9	0 34	20 44	1 5	22 52	0 33	0 6	2 6	22 50	0 4	4 55	1 38	2 6	15 18	22 23	22 33	16 49	1 29	4 57			
S 15	9 35	17 6	4 56	13 50	0 39	19 30	0 37	20 37	1 7	22 52	0 33	0 3	2 6	22 50	0 4	4 55	1 38	2 7	15 18	22 23	22 33	16 51	1 28	4 57			
M16	9 56	12 37	5 7	14 41	0 50	19 50	0 40	20 29	1 8	22 52	0 33	0 0	2 6	22 50	0 4	4 54	1 38	2 7	15 18	22 22	22 32	16 54	1 27	4 57			
T 17	10 17	7 40	5 4	15 30	1 1	20 10	0 43	20 21	1 10	22 52	0 33	0n 2	2 6	22 50	0 4	4 53	1 38	2 8	15 17	22 21	22 32	16 56	1 25	4 57			
W18	10 39	2 30	4 46	16 17	1 12	20 30	0 46	20 13	1 11	22 52	0 33	0 5	2 6	22 51	0 4	4 53	1 38	2 8	15 17	22 20	22 32	16 59	1 24	4 57			
T 19	10 59	2s43	4 15	17 2	1 22	20 48	0 49	20 5	1 13	22 52	0 33	0 8	2 6	22 51	0 4	4 52	1 38	2 9	15 17	22 19	22 31	17 1	1 23	4 57			
F 20	11 20	7 46	3 33	17 45	1 32	21 6	0 52	19 57	1 14	22 52	0 33	0 10	2 6	22 51	0 4	4 52	1 38	2 9	15 17	22 18	22 31	17 3	1 21	4 57			
S 21	11 41	12 31	2 43	18 25	1 42	21 24	0 55	19 49	1 16	22 52	0 33	0 13	2 6	22 51	0 4	4 51	1 38	2 10	15 17	22 17	22 31	17 6	1 20	4 57			
S 22	12 1	16 46	1 45	19 4	1 51	21 41	0 58	19 41	1 18	22 52	0 33	0 16	2 7	22 52	0 4	4 50	1 38	2 10	15 17	22 16	22 30	17 8	1 19	4 58			
M23	12 21	20 20	0 43	19 40	2 0	21 58	1 0	19 32	1 19	22 52	0 33	0 18	2 7	22 52	0 4	4 50	1 38	2 10	15 17	22 16	22 30	17 11	1 18	4 58			
T 24	12 41	23 5	0s21	20 13	2 8	22 14	1 3	19 24	1 21	22 52	0 33	0 21	2 7	22 52	0 4	4 49	1 38	2 11	15 17	22 16	22 29	17 13	1 16	4 58			
W25	13 1	24 50	1 25	20 44	2 15	22 29	1 6	19 15	1 22	22 52	0 33	0 24	2 7	22 52	0 4	4 49	1 38	2 11	15 16	22 16	22 29	17 15	1 15	4 58			
T 26	13 21	25 27	2 26	21 12	2 22	22 44	1 9	19 6	1 24	22 52	0 33	0 26	2 7	22 53	0 4	4 48	1 38	2 12	15 16	22 17	22 29	17 18	1 14	4 58			
F 27	13 40	24 53	3 21	21 38	2 27	22 58	1 12	18 57	1 26	22 52	0 33	0 29	2 7	22 53	0 4	4 48	1 38	2 12	15 16	22 17	22 28	17 20	1 13	4 58			
S 28	13 59	23 4	4 8	22 1	2 32	23 11	1 14	18 48	1 27	22 52	0 33	0 31	2 7	22 53	0 4	4 47	1 38	2 13	15 16	22 17	22 28	17 23	1 12	4 59			
S 29	14 18	20 4	4 44	22 22	2 36	23 24	1 17	18 39	1 29	22 52	0 33	0 34	2 7	22 54	0 4	4 46	1 38	2 13	15 16	22 17	22 28	17 25	1 10	4 59			
M30	14n37	15s57	5s 6	22n40	2n39	23n36	1n20	18s30	1s31	22s52	0n33	0n36	2s 8	22n54	0n 4	4s46	1n38	2n13	15s16	22n17	22n27	17s27	1s 9	4n59			

ASTRODIENST EPHEMERIS for the year 2114

geocentric

MAY 2114

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 34 30	10♈21'28	14♋28	0♏49	13♏47	13♏9	28°R33	6♏34	17♏32	15°R55	17♏1	12°R24	13♏50	25♏20	15♏27	T 1	
W 2	14 38 27	11°19'47	28°38	1°49	14°58	13°48	28♌30	6°40	17°35	15♌53	17°2	12♏20	13°46	25°27	15°30	W 2	
T 3	14 42 23	12°18'05	13♏13	2°44	16°10	14°26	28°27	6°47	17°38	15°52	17°3	12°16	13°43	25°34	15°32	T 3	
F 4	14 46 20	13°16'21	28°8	3°34	17°21	15°5	28°24	6°53	17°41	15°50	17°5	12°12	13°40	25°40	15°35	F 4	
S 5	14 50 16	14°14'36	13♏17	4°18	18°32	15°43	28°20	7°0	17°44	15°49	17°6	12°9	13°37	25°47	15°37	S 5	
S 6	14 54 13	15°12'48	28°28	4°58	19°44	16°21	28°16	7°6	17°47	15°47	17°7	12°7	13°34	25°53	15°39	S 6	
M 7	14 58 10	16°10'59	13♏33	5°32	20°55	16°59	28°13	7°13	17°50	15°46	17°9	12°D 6	13°30	26°0	15°42	M 7	
T 8	15 2 6	17°9'09	28°23	6°1	22°6	17°38	28°9	7°19	17°53	15°45	17°10	12°7	13°27	26°7	15°44	T 8	
W 9	15 6 3	18°7'16	12♏53	6°24	23°17	18°16	28°5	7°25	17°56	15°43	17°12	12°8	13°24	26°13	15°46	W 9	
T 10	15 9 59	19°5'21	26°58	6°43	24°28	18°54	28°0	7°32	18°0	15°42	17°13	12°10	13°21	26°20	15°48	T 10	
F 11	15 13 56	20°3'25	10♏38	6°56	25°39	19°32	27°56	7°38	18°3	15°41	17°14	12°11	13°18	26°27	15°51	F 11	
S 12	15 17 52	21°1'26	23°55	7°4	26°50	20°10	27°51	7°44	18°6	15°39	17°16	12°R11	13°15	26°33	15°53	S 12	
S 13	15 21 49	21°59'26	6♏50	7°R 6	28°0	20°47	27°46	7°50	18°9	15°38	17°17	12°10	13°11	26°40	15°55	S 13	
M14	15 25 45	22°57'24	19°27	7°4	29°11	21°25	27°41	7°56	18°13	15°37	17°18	12°9	13°8	26°47	15°57	M14	
T 15	15 29 42	23°55'19	1♏49	6°57	0♏22	22°3	27°36	8°2	18°16	15°36	17°20	12°6	13°5	26°53	15°59	T 15	
W16	15 33 39	24°53'14	13°59	6°45	1°32	22°40	27°31	8°8	18°19	15°34	17°21	12°4	13°2	27°0	16°1	W16	
T 17	15 37 35	25°51'06	25°59	6°29	2°42	23°18	27°26	8°14	18°22	15°33	17°22	12°1	12°59	27°7	16°2	T 17	
F 18	15 41 32	26°48'57	7♏53	6°10	3°53	23°55	27°20	8°20	18°26	15°32	17°24	11°59	12°56	27°13	16°4	F 18	
S 19	15 45 28	27°46'46	19°43	5°46	5°3	24°33	27°15	8°25	18°29	15°31	17°25	11°57	12°52	27°20	16°6	S 19	
S 20	15 49 25	28°44'34	1♏32	5°19	6°13	25°10	27°9	8°31	18°33	15°30	17°26	11°56	12°49	27°27	16°8	S 20	
M21	15 53 21	29°42'21	13°20	4°50	7°23	25°47	27°3	8°37	18°36	15°29	17°28	11°D56	12°46	27°33	16°9	M21	
T 22	15 57 18	0♏40'06	25°11	4°18	8°33	26°24	26°57	8°42	18°39	15°28	17°29	11°56	12°43	27°40	16°11	T 22	
W23	16 1 14	1°37'50	7♏7	3°45	9°42	27°1	26°51	8°48	18°43	15°27	17°30	11°57	12°40	27°47	16°13	W23	
T 24	16 5 11	2°35'33	19°11	3°11	10°52	27°38	26°44	8°53	18°46	15°26	17°32	11°58	12°36	27°53	16°14	T 24	
F 25	16 9 8	3°33'14	1♏27	2°37	12°2	28°15	26°38	8°59	18°50	15°25	17°33	11°59	12°33	28°0	16°16	F 25	
S 26	16 13 4	4°30'55	13°57	2°3	13°11	28°51	26°32	9°4	18°53	15°24	17°34	12°0	12°30	28°7	16°17	S 26	
S 27	16 17 1	5°28'34	26°45	1°29	14°21	29°28	26°25	9°9	18°57	15°23	17°36	12°0	12°27	28°13	16°18	S 27	
M28	16 20 57	6°26'13	9♏55	0°57	15°30	0♏4	26°18	9°14	19°0	15°22	17°37	12°R 0	12°24	28°20	16°20	M28	
T 29	16 24 54	7°23'51	23°28	0°27	16°39	0°40	26°11	9°19	19°4	15°21	17°38	12°0	12°21	28°26	16°21	T 29	
W30	16 28 50	8°21'27	7♏27	29♏59	17°48	1°16	26°5	9°24	19°7	15°20	17°40	12°0	12°17	28°33	16°22	W30	
T 31	16 32 47	9♏19'03	21♏50	29♏34	18♏57	1♏53	25♏58	9♏29	19♏11	15♏19	17♏41	11♏59	12♏14	28♏40	16♏23	T 31	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14n55	10s55	5s13	22n56	2n41	23n48	1n22	18s20	1s32	22s52	0n33	0n39	2s8	22n54	0n4	4s45	1n38
W 2	15 13	5 8	5 0	23 9	2 42	23 59	1 25	18 11	1 34	22 52	0 33	0 41	2 8	22 54	0 4	4 45	1 38
T 3	15 31	1n 5	4 29	23 20	2 42	24 9	1 27	18 1	1 36	22 52	0 33	0 44	2 8	22 55	0 4	4 44	1 38
F 4	15 49	7 24	3 38	23 29	2 40	24 19	1 30	17 52	1 38	22 52	0 33	0 46	2 8	22 55	0 4	4 44	1 37
S 5	16 6	13 24	2 32	23 35	2 38	24 28	1 32	17 42	1 39	22 52	0 33	0 49	2 8	22 55	0 4	4 43	1 37
S 6	16 23	18 36	1 14	23 39	2 35	24 36	1 35	17 32	1 41	22 52	0 33	0 51	2 8	22 56	0 4	4 43	1 37
M 7	16 40	22 33	0n 8	23 41	2 30	24 43	1 37	17 22	1 43	22 52	0 32	0 53	2 9	22 56	0 4	4 42	1 37
T 8	16 57	24 53	1 28	23 40	2 25	24 50	1 39	17 12	1 45	22 52	0 32	0 56	2 9	22 56	0 4	4 42	1 37
W 9	17 13	25 29	2 41	23 38	2 18	24 57	1 41	17 2	1 47	22 52	0 32	0 58	2 9	22 56	0 4	4 41	1 37
T 10	17 29	24 23	3 43	23 33	2 10	25 2	1 44	16 52	1 48	22 52	0 32	1 0	2 9	22 57	0 4	4 41	1 37
F 11	17 45	21 52	4 29	23 27	2 1	25 7	1 46	16 42	1 50	22 52	0 32	1 3	2 9	22 57	0 4	4 40	1 37
S 12	18 0	18 15	5 0	23 18	1 51	25 11	1 48	16 32	1 52	22 52	0 32	1 5	2 9	22 57	0 4	4 40	1 37
S 13	18 15	13 51	5 14	23 7	1 40	25 14	1 50	16 21	1 54	22 52	0 32	1 7	2 10	22 58	0 4	4 39	1 37
M14	18 30	8 58	5 13	22 55	1 27	25 17	1 52	16 11	1 56	22 52	0 32	1 10	2 10	22 58	0 4	4 39	1 37
T 15	18 45	3 49	4 57	22 40	1 14	25 19	1 54	16 0	1 58	22 52	0 32	1 12	2 10	22 58	0 4	4 38	1 37
W16	18 59	1s23	4 28	22 24	1 0	25 20	1 55	15 50	2 0	22 52	0 32	1 14	2 10	22 59	0 4	4 38	1 37
T 17	19 13	6 30	3 48	22 7	0 45	25 21	1 57	15 39	2 2	22 52	0 32	1 16	2 10	22 59	0 4	4 38	1 37
F 18	19 26	11 20	2 57	21 48	0 29	25 21	1 59	15 29	2 3	22 52	0 32	1 18	2 10	22 59	0 4	4 37	1 37
S 19	19 39	15 44	2 0	21 27	0 12	25 20	2 0	15 18	2 5	22 52	0 32	1 20	2 11	22 59	0 4	4 37	1 37
S 20	19 52	19 31	0 57	21 6	0s 5	25 19	2 2	15 8	2 7	22 52	0 32	1 22	2 11	23 0	0 4	4 36	1 37
M21	20 5	22 31	0s 8	20 44	0 22	25 16	2 3	14 57	2 9	22 52	0 32	1 24	2 11	23 0	0 4	4 36	1 37
T 22	20 17	24 33	1 13	20 21	0 40	25 13	2 5	14 46	2 11	22 52	0 32	1 26	2 11	23 0	0 4	4 36	1 37
W23	20 29	25 29	2 15	19 57	0 57	25 10	2 6	14 35	2 13	22 52	0 32	1 28	2 11	23 1	0 4	4 35	1 37
T 24	20 40	25 14	3 12	19 34	1 15	25 6	2 7	14 24	2 15	22 52	0 31	1 30	2 12	23 1	0 4	4 35	1 37
F 25	20 51	23 45	4 2	19 10	1 32	25 1	2 8	14 14	2 17	22 52	0 31	1 32	2 12	23 1	0 4	4 34	1 37
S 26	21 2	21 6	4 40	18 47	1 49	24 55	2 9	14 3	2 20	22 51	0 31	1 34	2 12	23 2	0 4	4 34	1 37
S 27	21 12	17 23	5 7	18 24	2 5	24 49	2 10	13 52	2 22	22 51	0 31	1 36	2 12	23 2	0 4	4 34	1 37
M28	21 22	12 45	5 17	18 3	2 21	24 42	2 11	13 41	2 24	22 51	0 31	1 38	2 12	23 2	0 4	4 33	1 37
T 29	21 32	7 21	5 11	17 42	2 35	24 34	2 12	13 30	2 26	22 51	0 31	1 40	2 13	23 2	0 4	4 33	1 37
W30	21 41	1 26	4 47	17 23	2 49	24 26	2 13	13 19	2 28	22 51	0 31	1 41	2 13	23 3	0 4	4 33	1 37
T 31	21n50	4n44	4s 4	17n 5	3s 2	24n17	2n13	13s 8	2s30	22s51	0n31	1n43	2s13	23n 3	0n 4	4s33	1n37

Julian Day Number = 2493302.5, Delta T = 100.23 sec
 Ecliptic obliquity = 23°25'31", Nutation = - 0°00'18", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°20'16", Lahiri = 25°27'16"

ASTRODIENST EPHEMERIS for the year 2114

geocentric

JUNE 2114

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 36 43	10 ^{II} 16'38	6 ⁸ 35	29°R12	20 ⁵ 6	2 ⁸ 28	25°R51	9 ⁹ 34	19 ^{II} 14	15°R19	17 ⁸ 42	11°R59	12 ^{II} 11	28 ^{III} 46	16 ⁸ 24	F 1
S 2	16 40 40	11°14'12	21°36	28 ⁸ 54	21°15	3° 4	25 ⁸ 43	9°39	19°18	15 ¹⁵ 18	17°43	11 ^{II} 59	12° 8	28°53	16°25	S 2
S 3	16 44 37	12°11'45	6 ^{II} 45	28°40	22°23	3°40	25°36	9°44	19°21	15°17	17°45	11°59	12° 5	29° 0	16°26	S 3
M 4	16 48 33	13° 9'17	21°52	28°29	23°32	4°15	25°29	9°48	19°25	15°16	17°46	11°59	12° 2	29° 6	16°27	M 4
T 5	16 52 30	14° 6'48	6 ⁵ 50	28°23	24°40	4°50	25°22	9°53	19°28	15°16	17°47	11°59	11°58	29°13	16°28	T 5
W 6	16 56 26	15° 4'18	21°30	28°D22	25°48	5°26	25°14	9°58	19°32	15°15	17°48	11°59	11°55	29°20	16°29	W 6
T 7	17 0 23	16° 1'47	5 ⁸ 46	28°24	26°56	6° 0	25° 7	10° 2	19°35	15°14	17°50	11°58	11°52	29°26	16°30	T 7
F 8	17 4 19	16°59'15	19°36	28°32	28° 4	6°35	24°59	10° 6	19°39	15°14	17°51	11°58	11°49	29°33	16°30	F 8
S 9	17 8 16	17°56'41	3 ^{III} 0	28°43	29°12	7°10	24°52	10°11	19°42	15°13	17°52	11°57	11°46	29°40	16°31	S 9
S 10	17 12 13	18°54'06	15°58	29° 0	0 ⁸ 20	7°44	24°44	10°15	19°46	15°13	17°53	11°D57	11°42	29°46	16°31	S 10
M 11	17 16 9	19°51'30	28°35	29°20	1°27	8°19	24°37	10°19	19°50	15°12	17°54	11°57	11°39	29°53	16°32	M 11
T 12	17 20 6	20°48'53	10 ¹⁵ 53	29°45	2°35	8°53	24°29	10°23	19°53	15°12	17°56	11°58	11°36	29°59	16°32	T 12
W 13	17 24 2	21°46'15	22°58	0 ^{II} 15	3°42	9°27	24°21	10°27	19°57	15°11	17°57	11°59	11°33	0 ⁸ 7 6	16°33	W 13
T 14	17 27 59	22°43'35	4 ^{III} 53	0°48	4°49	10° 0	24°14	10°31	20° 0	15°11	17°58	12° 0	11°30	0°13	16°33	T 14
F 15	17 31 55	23°40'55	16°43	1°26	5°56	10°34	24° 6	10°35	20° 4	15°10	17°59	12° 1	11°27	0°19	16°34	F 15
S 16	17 35 52	24°38'15	28°30	2° 8	7° 3	11° 7	23°58	10°38	20° 7	15°10	18° 0	12° 1	11°23	0°26	16°34	S 16
S 17	17 39 48	25°35'33	10 ¹⁷ 19	2°54	8° 9	11°40	23°51	10°42	20°11	15°10	18° 1	12°R 2	11°20	0°33	16°34	S 17
M 18	17 43 45	26°32'51	22°11	3°44	9°16	12°13	23°43	10°46	20°14	15° 9	18° 2	12° 2	11°17	0°39	16°34	M 18
T 19	17 47 42	27°30'08	4 ⁸ 9	4°38	10°22	12°46	23°36	10°49	20°18	15° 9	18° 4	12° 1	11°14	0°46	16°34	T 19
W 20	17 51 38	28°27'24	16°15	5°35	11°28	13°18	23°28	10°52	20°21	15° 9	18° 5	11°59	11°11	0°53	16°R34	W 20
T 21	17 55 35	29°24'40	28°31	6°37	12°34	13°51	23°20	10°56	20°25	15° 9	18° 6	11°57	11° 8	0°59	16°34	T 21
F 22	17 59 31	0 ⁵ 21'56	10 ¹⁸ 59	7°42	13°39	14°23	23°13	10°59	20°28	15° 9	18° 7	11°54	11° 4	1° 6	16°34	F 22
S 23	18 3 28	1°19'11	23°40	8°50	14°45	14°54	23° 5	11° 2	20°32	15° 9	18° 8	11°51	11° 1	1°13	16°34	S 23
S 24	18 7 24	2°16'26	6 ⁸ 35	10° 3	15°50	15°26	22°58	11° 5	20°36	15° 8	18° 9	11°49	10°58	1°19	16°34	S 24
M 25	18 11 21	3°13'41	19°48	11°18	16°55	15°57	22°50	11° 8	20°39	15° 8	18°10	11°47	10°55	1°26	16°33	M 25
T 26	18 15 17	4°10'55	3 ⁹ 19	12°38	18° 0	16°28	22°43	11° 1	20°42	15° 8	18°11	11°D47	10°52	1°33	16°33	T 26
W 27	18 19 14	5° 8'10	17° 9	14° 0	19° 5	16°59	22°36	11°13	20°46	15°D 8	18°12	11°47	10°48	1°39	16°33	W 27
T 28	18 23 11	6° 5'25	1 ⁸ 19	15°27	20° 9	17°29	22°28	11°16	20°49	15° 8	18°13	11°48	10°45	1°46	16°32	T 28
F 29	18 27 7	7° 2'39	15°46	16°56	21°14	17°59	22°21	11°19	20°53	15° 8	18°14	11°50	10°42	1°53	16°32	F 29
S 30	18 31 4	7 ⁵ 59'54	0 ^{II} 29	18 ^{II} 29	22 ⁸ 18	18 ⁸ 29	22 ⁸ 14	11 ⁹ 21	20 ^{II} 56	15 ¹⁵ 8	18 ⁸ 15	11 ^{II} 51	10 ^{II} 39	1 ⁸ 59	16 ⁸ 31	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21n59	10n48	3s 4	16n49	3s13	24n 8	2n14	12s57	2s32	22s51	0n31	1n45	2s13	23n 3	0n 4	F 1
S 2	22 7	16 22	1 51	16 35	3 24	23 57	2 14	12 46	2 34	22 51	0 31	1 47	2 13	23 4	0 4	S 2
S 3	22 14	20 57	0 29	16 23	3 33	23 47	2 15	12 35	2 36	22 51	0 31	1 48	2 14	23 4	0 4	S 3
M 4	22 22	24 5	0n55	16 13	3 41	23 35	2 15	12 24	2 39	22 50	0 30	1 50	2 14	23 4	0 4	M 4
T 5	22 29	25 29	2 14	16 5	3 48	23 23	2 15	12 13	2 41	22 50	0 30	1 51	2 14	23 4	0 4	T 5
W 6	22 35	25 2	3 22	15 59	3 53	23 11	2 15	12 3	2 43	22 50	0 30	1 53	2 14	23 5	0 4	W 6
T 7	22 42	22 58	4 17	15 56	3 58	22 58	2 15	11 52	2 45	22 50	0 30	1 54	2 15	23 5	0 4	T 7
F 8	22 47	19 34	4 54	15 54	4 1	22 44	2 15	11 41	2 48	22 50	0 30	1 56	2 15	23 5	0 4	F 8
S 9	22 53	15 16	5 14	15 54	4 3	22 30	2 14	11 30	2 50	22 50	0 30	1 57	2 15	23 6	0 4	S 9
S 10	22 58	10 24	5 17	15 57	4 4	22 15	2 14	11 19	2 52	22 49	0 30	1 59	2 15	23 6	0 4	S 10
M 11	23 2	5 13	5 4	16 1	4 4	21 59	2 13	11 9	2 54	22 49	0 30	2 0	2 16	23 6	0 4	M 11
T 12	23 6	0s 2	4 38	16 8	4 3	21 44	2 13	10 58	2 57	22 49	0 30	2 2	2 16	23 6	0 4	T 12
W 13	23 10	5 12	4 0	16 16	4 1	21 27	2 12	10 47	2 59	22 49	0 29	2 3	2 16	23 7	0 4	W 13
T 14	23 14	10 8	3 12	16 25	3 58	21 10	2 11	10 36	3 1	22 49	0 29	2 4	2 16	23 7	0 4	T 14
F 15	23 16	14 39	2 16	16 36	3 54	20 53	2 10	10 26	3 4	22 48	0 29	2 5	2 17	23 7	0 4	F 15
S 16	23 19	18 36	1 14	16 49	3 50	20 35	2 9	10 15	3 6	22 48	0 29	2 7	2 17	23 8	0 4	S 16
S 17	23 21	21 49	0 10	17 3	3 44	20 16	2 8	10 5	3 8	22 48	0 29	2 8	2 17	23 8	0 4	S 17
M 18	23 23	24 8	0s56	17 19	3 38	19 58	2 6	9 54	3 11	22 48	0 29	2 9	2 17	23 8	0 4	M 18
T 19	23 24	25 21	1 59	17 35	3 31	19 38	2 5	9 44	3 13	22 48	0 29	2 10	2 18	23 8	0 4	T 19
W 20	23 25	25 23	2 58	17 53	3 24	19 19	2 3	9 34	3 15	22 47	0 29	2 11	2 18	23 9	0 4	W 20
T 21	23 25	24 11	3 50	18 11	3 16	18 58	2 2	9 24	3 18	22 47	0 28	2 12	2 18	23 9	0 4	T 21
F 22	23 25	21 48	4 31	18 30	3 7	18 38	2 0	9 13	3 20	22 47	0 28	2 13	2 18	23 9	0 4	F 22
S 23	23 25	18 20	5 0	18 50	2 58	18 17	1 58	9 3	3 23	22 47	0 28	2 14	2 19	23 9	0 4	S 23
S 24	23 24	13 57	5 14	19 10	2 48	17 55	1 56	8 53	3 25	22 46	0 28	2 15	2 19	23 10	0 4	S 24
M 25	23 23	8 49	5 12	19 31	2 38	17 34	1 54	8 43	3 28	22 46	0 28	2 16	2 19	23 10	0 4	M 25
T 26	23 22	3 10	4 53	19 51	2 28	17 12	1 51	8 34	3 30	22 46	0 28	2 17	2 19	23 10	0 4	T 26
W 27	23 20	2n46	4 17	20 12	2 17	16 49	1 49	8 24	3 32	22 46	0 28	2 18	2 20	23 10	0 4	W 27
T 28	23 17	8 43	3 25	20 33	2 5	16 26	1 46	8 14	3 35	22 45	0 27	2 19	2 20	23 11	0 4	T 28
F 29	23 14	14 20	2 19	20 54	1 54	16 3	1 44	8 5	3 37	22 45	0 27	2 19	2 20	23 11	0 4	F 29
S 30	23n11	19n14	1s 2	21n14	1s42	15n40	1n41	7s55	3s40	22s45	0n27	2n20	2s20	23n11	0n 4	S 30

Julian Day Number = 2493333.5, Delta T = 100.28 sec

Ecliptic obliquity = 23°25'30, Nutation = - 0°00'17, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 26°20'20, Lahiri = 25°27'20

ASTRODIENST EPHEMERIS for the year 2114

geocentric

JULY 2114

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 35 0	8♂57'09	15♂21	20♂ 5	23♂21	18♂59	22°R 7	11♂23	21♂ 0	15♂ 9	18♂16	11°R51	10♂36	2♂ 6	16°R31	S 1
M 2	18 38 57	9°54'23	0♂16	21°44	24°25	19°28	22♂ 0	11°26	21° 3	15° 9	18°17	11♂50	10°33	2°12	16♂30	M 2
T 3	18 42 53	10°51'38	15° 7	23°27	25°28	19°57	21°53	11°28	21° 7	15° 9	18°17	11°48	10°29	2°19	16°29	T 3
W 4	18 46 50	11°48'52	29°45	25°13	26°31	20°25	21°46	11°30	21°10	15° 9	18°18	11°44	10°26	2°26	16°29	W 4
T 5	18 50 46	12°46'06	14♂ 3	27° 1	27°34	20°53	21°39	11°32	21°13	15° 9	18°19	11°40	10°23	2°32	16°28	T 5
F 6	18 54 43	13°43'20	27°57	28°53	28°37	21°21	21°33	11°34	21°17	15°10	18°20	11°35	10°20	2°39	16°27	F 6
S 7	18 58 40	14°40'34	11♂26	0♂47	29°39	21°49	21°26	11°36	21°20	15°10	18°21	11°31	10°17	2°46	16°26	S 7
S 8	19 2 36	15°37'47	24°28	2°44	0♂41	22°16	21°20	11°37	21°23	15°10	18°22	11°28	10°14	2°52	16°25	S 8
M 9	19 6 33	16°35'00	7♂ 7	4°43	1°43	22°42	21°13	11°39	21°27	15°11	18°23	11°26	10°10	2°59	16°24	M 9
T 10	19 10 29	17°32'12	19°26	6°45	2°44	23° 9	21° 7	11°40	21°30	15°11	18°23	11°D26	10° 7	3° 6	16°23	T 10
W11	19 14 26	18°29'25	1♂30	8°48	3°45	23°35	21° 1	11°42	21°33	15°12	18°24	11°26	10° 4	3°12	16°22	W11
T 12	19 18 22	19°26'37	13°24	10°53	4°46	24° 0	20°55	11°43	21°36	15°12	18°25	11°28	10° 1	3°19	16°21	T 12
F 13	19 22 19	20°23'50	25°12	13° 0	5°46	24°25	20°49	11°44	21°40	15°13	18°26	11°29	9°58	3°26	16°19	F 13
S 14	19 26 15	21°21'02	7♂ 0	15° 7	6°46	24°50	20°44	11°45	21°43	15°13	18°26	11°R30	9°54	3°32	16°18	S 14
S 15	19 30 12	22°18'15	18°51	17°16	7°46	25°14	20°38	11°46	21°46	15°14	18°27	11°30	9°51	3°39	16°17	S 15
M16	19 34 9	23°15'27	0♂50	19°25	8°45	25°38	20°33	11°47	21°49	15°14	18°28	11°28	9°48	3°46	16°15	M16
T 17	19 38 5	24°12'40	12°58	21°34	9°44	26° 1	20°27	11°48	21°52	15°15	18°28	11°25	9°45	3°52	16°14	T 17
W18	19 42 2	25° 9'53	25°18	23°43	10°43	26°24	20°22	11°49	21°55	15°16	18°29	11°19	9°42	3°59	16°12	W18
T 19	19 45 58	26° 7'06	7♂50	25°52	11°41	26°47	20°17	11°49	21°59	15°16	18°30	11°12	9°39	4° 5	16°11	T 19
F 20	19 49 55	27° 4'20	20°36	28° 0	12°39	27° 9	20°12	11°50	22° 2	15°17	18°30	11° 4	9°35	4°12	16° 9	F 20
S 21	19 53 51	28° 1'34	3♂35	0♂ 7	13°36	27°30	20° 8	11°50	22° 5	15°18	18°31	10°56	9°32	4°19	16° 8	S 21
S 22	19 57 48	28°58'49	16°47	2°14	14°33	27°51	20° 3	11°50	22° 8	15°19	18°31	10°49	9°29	4°25	16° 6	S 22
M23	20 1 44	29°56'04	0♂11	4°19	15°29	28°11	19°59	11°50	22°11	15°19	18°32	10°44	9°26	4°32	16° 4	M23
T 24	20 5 41	0♂53'21	13°48	6°23	16°25	28°31	19°54	11°R50	22°14	15°20	18°32	10°41	9°23	4°39	16° 2	T 24
W25	20 9 38	1°50'38	27°38	8°25	17°21	28°50	19°50	11°50	22°17	15°21	18°33	10°D39	9°20	4°45	16° 1	W25
T 26	20 13 34	2°47'55	11♂39	10°27	18°16	29° 9	19°46	11°50	22°20	15°22	18°33	10°40	9°16	4°52	15°59	T 26
F 27	20 17 31	3°45'14	25°52	12°26	19°10	29°27	19°43	11°50	22°22	15°23	18°34	10°40	9°13	4°59	15°57	F 27
S 28	20 21 27	4°42'34	10♂14	14°24	20° 4	29°45	19°39	11°50	22°25	15°24	18°34	10°R41	9°10	5° 5	15°55	S 28
S 29	20 25 24	5°39'55	24°44	16°21	20°57	0♂ 1	19°36	11°49	22°28	15°25	18°35	10°40	9° 7	5°12	15°53	S 29
M30	20 29 20	6°37'17	9♂17	18°15	21°50	0°18	19°32	11°49	22°31	15°26	18°35	10°37	9° 4	5°19	15°51	M30
T 31	20 33 17	7♂34'39	23♂48	20♂ 8	22♂42	0♂33	19♂29	11♂48	22♂34	15♂27	18♂36	10♂32	9♂ 0	5♂25	15♂49	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	23n 7	22n56	0n19	21n33	1s30	15n16	1n38	7s46	3s42	22s45	0n27	2n21	2s21	23n11	0n 4	S 1
M 2	23 3	25 5	1 39	21 52	1 18	14 52	1 35	7 37	3 45	22 44	0 27	2 21	2 21	23 12	0 4	M 2
T 3	22 59	25 25	2 52	22 10	1 6	14 28	1 32	7 28	3 47	22 44	0 27	2 22	2 21	23 12	0 4	T 3
W 4	22 54	23 59	3 53	22 27	0 54	14 3	1 28	7 19	3 50	22 44	0 26	2 22	2 22	23 12	0 4	W 4
T 5	22 49	21 1	4 37	22 42	0 41	13 38	1 25	7 10	3 53	22 43	0 26	2 23	2 22	23 12	0 4	T 5
F 6	22 43	16 55	5 4	22 56	0 29	13 13	1 21	7 2	3 55	22 43	0 26	2 23	2 22	23 13	0 4	F 6
S 7	22 37	12 5	5 13	23 8	0 17	12 48	1 17	6 53	3 58	22 43	0 26	2 24	2 22	23 13	0 4	S 7
S 8	22 31	6 51	5 5	23 18	0 5	12 22	1 14	6 45	4 0	22 43	0 26	2 24	2 23	23 13	0 4	S 8
M 9	22 24	1 30	4 42	23 26	0n 6	11 57	1 9	6 37	4 3	22 42	0 26	2 25	2 23	23 13	0 4	M 9
T 10	22 17	3s48	4 7	23 32	0 17	11 31	1 5	6 29	4 5	22 42	0 25	2 25	2 23	23 14	0 4	T 10
W11	22 9	8 51	3 21	23 36	0 28	11 4	1 1	6 21	4 8	22 42	0 25	2 25	2 23	23 14	0 4	W11
T 12	22 1	13 31	2 27	23 36	0 38	10 38	0 57	6 13	4 11	22 42	0 25	2 25	2 24	23 14	0 4	T 12
F 13	21 53	17 38	1 28	23 35	0 47	10 12	0 52	6 5	4 13	22 42	0 25	2 26	2 24	23 14	0 4	F 13
S 14	21 44	21 4	0 25	23 30	0 56	9 45	0 47	5 58	4 16	22 41	0 25	2 26	2 24	23 14	0 4	S 14
S 15	21 35	23 37	0s40	23 23	1 5	9 18	0 42	5 51	4 18	22 41	0 25	2 26	2 25	23 15	0 4	S 15
M16	21 25	25 8	1 43	23 13	1 13	8 52	0 37	5 44	4 21	22 41	0 24	2 26	2 25	23 15	0 4	M16
T 17	21 16	25 29	2 42	23 0	1 19	8 25	0 32	5 37	4 24	22 41	0 24	2 26	2 25	23 15	0 4	T 17
W18	21 5	24 35	3 35	22 45	1 26	7 58	0 27	5 30	4 26	22 40	0 24	2 26	2 25	23 15	0 4	W18
T 19	20 55	22 27	4 18	22 27	1 31	7 31	0 21	5 23	4 29	22 40	0 24	2 26	2 26	23 15	0 4	T 19
F 20	20 44	19 10	4 49	22 7	1 36	7 3	0 16	5 17	4 31	22 40	0 24	2 26	2 26	23 16	0 4	F 20
S 21	20 33	14 56	5 5	21 44	1 40	6 36	0 10	5 11	4 34	22 40	0 24	2 26	2 26	23 16	0 4	S 21
S 22	20 21	9 55	5 6	21 19	1 43	6 9	0 4	5 5	4 37	22 40	0 23	2 26	2 27	23 16	0 4	S 22
M23	20 9	4 22	4 50	20 52	1 45	5 42	0s 2	4 59	4 39	22 40	0 23	2 26	2 27	23 16	0 4	M23
T 24	19 57	1n29	4 18	20 23	1 47	5 14	0 8	4 54	4 42	22 40	0 23	2 25	2 27	23 16	0 5	T 24
W25	19 44	7 21	3 31	19 53	1 47	4 47	0 14	4 49	4 44	22 39	0 23	2 25	2 27	23 17	0 5	W25
T 26	19 31	12 57	2 30	19 20	1 48	4 19	0 21	4 43	4 47	22 39	0 23	2 25	2 28	23 17	0 5	T 26
F 27	19 18	17 56	1 19	18 47	1 47	3 52	0 27	4 39	4 49	22 39	0 23	2 24	2 28	23 17	0 5	F 27
S 28	19 5	21 56	0 2	18 12	1 46	3 25	0 34	4 34	4 52	22 39	0 22	2 24	2 28	23 17	0 5	S 28
S 29	18 51	24 34	1n15	17 35	1 44	2 58	0 41	4 30	4 54	22 39	0 22	2 24	2 28	23 17	0 5	S 29
M30	18 36	25 33	2 27	16 58	1 42	2 30	0 48	4 25	4 57	22 39	0 22	2 23	2 29	23 17	0 5	M30
T 31	18n22	24n46	3n30	16n20	1n39	2n 3	0s55	4s22	4s59	22s39	0n22	2n23	2s29	23n18	0n 5	T 31

Julian Day Number = 2493363.5, Delta T = 100.32 sec
 Ecliptic obliquity = 23°25'30, Nutation = - 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°20'24, Lahiri = 25°27'25

ASTRODIENST EPHEMERIS for the year 2114

geocentric

AUGUST 2114

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 37 14	8♂32'02	8♂10	22♂0	23♂34	0♂48	19♂R26	11♂R47	22♂II36	15♂Δ28	18♂836	10♂R25	8♂II57	5♂Δ32	15♂R47	W 1
T 2	20 41 10	9°29'26	22°18	23°50	24°25	1° 2	19♂Δ24	11♂Y46	22°39	15°29	18°36	10♂II15	8°54	5°39	15♂K45	T 2
F 3	20 45 7	10°26'51	6♂6	25°38	25°15	1°16	19°21	11°45	22°42	15°30	18°37	10° 6	8°51	5°45	15°42	F 3
S 4	20 49 3	11°24'17	19°32	27°24	26° 5	1°29	19°19	11°44	22°44	15°32	18°37	9°57	8°48	5°52	15°40	S 4
S 5	20 53 0	12°21'43	2♂34	29° 9	26°54	1°41	19°17	11°43	22°47	15°33	18°37	9°49	8°45	5°58	15°38	S 5
M 6	20 56 56	13°19'09	15°13	0♂52	27°42	1°52	19°15	11°42	22°49	15°34	18°38	9°43	8°41	6° 5	15°36	M 6
T 7	21 0 53	14°16'37	27°33	2°34	28°30	2° 3	19°13	11°41	22°52	15°35	18°38	9°40	8°38	6°12	15°33	T 7
W 8	21 4 49	15°14'05	9♂37	4°13	29°16	2°13	19°11	11°39	22°54	15°37	18°38	9°38	8°35	6°18	15°31	W 8
T 9	21 8 46	16°11'34	21°31	5°52	0♂2	2°22	19°10	11°38	22°57	15°38	18°38	9°D38	8°32	6°25	15°29	T 9
F 10	21 12 42	17° 9'03	3♂20	7°28	0°47	2°31	19° 9	11°36	22°59	15°39	18°38	9°R39	8°29	6°32	15°26	F 10
S 11	21 16 39	18° 6'34	15° 9	9° 3	1°31	2°38	19° 8	11°34	23° 2	15°41	18°39	9°39	8°25	6°38	15°24	S 11
S 12	21 20 36	19° 4'05	27° 3	10°37	2°14	2°45	19° 7	11°32	23° 4	15°42	18°39	9°37	8°22	6°45	15°21	S 12
M13	21 24 32	20° 1'37	9♂7	12° 8	2°56	2°52	19° 6	11°30	23° 6	15°43	18°39	9°33	8°19	6°52	15°19	M13
T 14	21 28 29	20°59'10	21°24	13°39	3°37	2°57	19° 5	11°28	23° 9	15°45	18°39	9°27	8°16	6°58	15°16	T 14
W15	21 32 25	21°56'45	3♂58	15° 7	4°17	3° 1	19° 5	11°26	23°11	15°46	18°39	9°19	8°13	7° 5	15°14	W15
T 16	21 36 22	22°54'20	16°48	16°34	4°56	3° 5	19°D 5	11°24	23°13	15°48	18°39	9° 8	8°10	7°12	15°11	T 16
F 17	21 40 18	23°51'56	29°54	17°59	5°34	3° 8	19° 5	11°22	23°15	15°49	18°39	8°56	8° 6	7°18	15° 9	F 17
S 18	21 44 15	24°49'34	13♂16	19°23	6°11	3°10	19° 5	11°19	23°17	15°51	18°39	8°44	8° 3	7°25	15° 6	S 18
S 19	21 48 12	25°47'12	26°51	20°45	6°46	3°12	19° 6	11°17	23°19	15°52	18°R39	8°34	8° 0	7°31	15° 3	S 19
M20	21 52 8	26°44'53	10♂Y37	22° 5	7°21	3°R12	19° 6	11°14	23°21	15°54	18°39	8°25	7°57	7°38	15° 1	M20
T 21	21 56 5	27°42'34	24°30	23°23	7°53	3°12	19° 7	11°12	23°23	15°56	18°39	8°19	7°54	7°45	14°58	T 21
W22	22 0 1	28°40'18	8♂29	24°39	8°25	3°11	19° 8	11° 9	23°25	15°57	18°39	8°16	7°51	7°51	14°55	W22
T 23	22 3 58	29°38'03	22°32	25°54	8°55	3° 9	19° 9	11° 6	23°27	15°59	18°39	8°15	7°47	7°58	14°52	T 23
F 24	22 7 54	0♂35'50	6♂II39	27° 7	9°24	3° 6	19°11	11° 3	23°29	16° 1	18°39	8°15	7°44	8° 5	14°50	F 24
S 25	22 11 51	1°33'38	20°48	28°17	9°51	3° 2	19°12	11° 0	23°31	16° 2	18°39	8°15	7°41	8°11	14°47	S 25
S 26	22 15 47	2°31'29	4♂58	29°26	10°16	2°57	19°14	10°57	23°33	16° 4	18°39	8°13	7°38	8°18	14°44	S 26
M27	22 19 44	3°29'21	19° 7	0♂Δ32	10°40	2°52	19°16	10°54	23°34	16° 6	18°39	8° 9	7°35	8°25	14°41	M27
T 28	22 23 41	4°27'15	3♂12	1°36	11° 3	2°46	19°18	10°51	23°36	16° 7	18°38	8° 2	7°31	8°31	14°39	T 28
W29	22 27 37	5°25'10	17°11	2°37	11°23	2°39	19°20	10°47	23°38	16° 9	18°38	7°52	7°28	8°38	14°36	W29
T 30	22 31 34	6°23'07	0♂58	3°36	11°42	2°31	19°22	10°44	23°39	16°11	18°38	7°40	7°25	8°45	14°33	T 30
F 31	22 35 30	7♂21'05	14♂29	4♂33	11♂Δ59	2°Y23	19♂Δ25	10♂Y41	23♂II41	16♂Δ13	18♂838	7♂II28	7♂II22	8♂Δ51	14♂K30	F 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
W 1	18n 7	22n22	4n18	15n41	1n36	1n36	1s 2	4s18	5s 2	22s39	0n22	2n22	2s29	23n18	0n 5	4s39	1n34	2n25	15s29	22n 0	21n47	20s55	0s42	5n19	
T 2	17 52	18 38	4 50	15 1	1 32	1 9	1 10	4 14	5 4	22 39	0 21	2 21	2 30	23 18	0 5	4 39	1 34	2 25	15 30	21 58	21 46	20 57	0 43	5 19	
F 3	17 37	13 58	5 4	14 21	1 27	0 42	1 17	4 11	5 7	22 39	0 21	2 21	2 30	23 18	0 5	4 40	1 34	2 25	15 30	21 57	21 46	20 59	0 44	5 19	
S 4	17 21	8 45	5 0	13 40	1 23	0 15	1 25	4 8	5 9	22 39	0 21	2 20	2 30	23 18	0 5	4 40	1 34	2 25	15 30	21 56	21 45	21 1	0 45	5 19	
S 5	17 5	3 17	4 41	12 58	1 17	0s11	1 33	4 6	5 11	22 39	0 21	2 19	2 30	23 18	0 5	4 41	1 34	2 25	15 31	21 55	21 45	21 3	0 45	5 19	
M 6	16 49	2s10	4 9	12 17	1 12	0 38	1 41	4 3	5 14	22 39	0 21	2 19	2 31	23 19	0 5	4 41	1 34	2 24	15 31	21 54	21 44	21 5	0 46	5 19	
T 7	16 32	7 24	3 25	11 35	1 6	1 4	1 49	4 1	5 16	22 39	0 21	2 18	2 31	23 19	0 5	4 42	1 34	2 24	15 31	21 53	21 44	21 7	0 47	5 19	
W 8	16 15	12 16	2 33	10 52	0 59	1 30	1 57	3 59	5 18	22 39	0 20	2 17	2 31	23 19	0 5	4 42	1 34	2 24	15 32	21 53	21 43	21 9	0 48	5 19	
T 9	15 58	16 36	1 35	10 10	0 52	1 56	2 6	3 58	5 21	22 39	0 20	2 16	2 31	23 19	0 5	4 43	1 34	2 24	15 32	21 53	21 43	21 11	0 49	5 19	
F 10	15 41	20 15	0 34	9 28	0 45	2 22	2 14	3 56	5 23	22 39	0 20	2 15	2 32	23 19	0 5	4 43	1 33	2 24	15 32	21 53	21 42	21 13	0 49	5 20	
S 11	15 24	23 5	0s29	8 45	0 48	2 47	2 23	3 55	5 25	22 39	0 20	2 14	2 32	23 19	0 5	4 44	1 33	2 23	15 32	21 53	21 42	21 15	0 50	5 20	
S 12	15 6	24 55	1 31	8 3	0 30	3 12	2 32	3 54	5 27	22 39	0 20	2 14	2 32	23 19	0 5	4 44	1 33	2 23	15 33	21 53	21 41	21 17	0 51	5 20	
M13	14 48	25 36	2 30	7 21	0 22	3 37	2 41	3 54	5 29	22 39	0 19	2 13	2 32	23 19	0 5	4 45	1 33	2 23	15 33	21 52	21 41	21 19	0 52	5 20	
T 14	14 30	25 4	3 23	6 39	0 14	4 2	2 50	3 53	5 31	22 39	0 19	2 12	2 33	23 20	0 5	4 45	1 33	2 23	15 33	21 51	21 40	21 21	0 53	5 20	
W15	14 11	23 15	4 7	5 57	0 6	4 27	2 59	3 53	5 33	22 40	0 19	2 10	2 33	23 20	0 5	4 46	1 33	2 22	15 34	21 50	21 40	21 23	0 54	5 20	
T 16	13 52	20 13	4 39	5 16	0s 3	4 51	3 8	3 53	5 34	22 40	0 19	2 9	2 33	23 20	0 5	4 47	1 33	2 22	15 34	21 48	21 39	21 25	0 55	5 20	
F 17	13 33	16 8	4 58	4 34	0 11	5 14	3 18	3 54	5 36	22 40	0 19	2 8	2 33	23 20	0 5	4 47	1 33	2 22	15 34	21 47	21 39	21 27	0 56	5 20	
S 18	13 14	11 11	5 0	3 53	0 20	5 38	3 27	3 54	5 38	22 40	0 19	2 7	2 34	23 20	0 5	4 48	1 33	2 21	15 34	21 45	21 38	21 29	0 57	5 20	
S 19	12 55	5 38	4 46	3 13	0 29	6 1	3 37	3 55	5 39	22 40	0 18	2 6	2 34	23 20	0 5	4 49	1 33	2 21	15 35	21 43	21 38	21 31	0 58	5 20	
M20	12 35	0n17	4 16	2 33	0 39	6 23	3 47	3 57	5 41	22 41	0 18	2 5	2 34	23 20	0 5	4 49	1 33	2 21	15 35	21 42	21 37	21 33	0 59	5 20	
T 21	12 16	6 14	3 30	1 53	0 48	6 45	3 57	3 58	5 42	22 41	0 18	2 4	2 34	23 20	0 5	4 50	1 33	2 21	15 35	21 41	21 37	21 35	1 0	5 20	
W22	11 56	11 57	2 31	1 15	0 57	7 7	4 7	4 0	5 44	22 41	0 18	2 2	2 35	23 21	0 5	4 50	1 33	2 20	15 36	21 40	21 36	21 36	1 1	5 20	
T 23	11 36	17 4	1 22	0 36	1 7	7 28	4 17	4 2	5 45	22 41	0 18	2 1	2 35	23 21	0 5	4 51	1 33	2 20	15 36	21 40	21 36	21 38	1 2	5 20	
F 24	11 15	21 16	0 8	0s 1	1 17	7 49	4 27	4 4	5 46	22 42	0 18	2 0	2 35	23 21	0 5	4 52	1 33	2 20	15 36	21 40	21 35	21 40	1 3	5 20	
S 25	10 55	24 12	1n 6	0 38	1 26	8 9	4 37	4 6	5 47	22 42	0 17	1 58	2 35	23 21	0 5	4 52	1 33	2 19	15 37	21 40	21 35	21 42	1 4	5 20	
S 26	10 34	25 36	2 16	1 14	1 36	8 28	4 48	4 9	5 48	22 42	0 17	1 57	2 35	23 21	0 5	4 53	1 33	2 19	15 37	21 40	21 34	21 44	1 5	5 20	
M27	10 13	25 20	3 18	1 50	1 46	8 47	4 58	4 12	5 49	22 42	0 17	1 55	2 36	23 21	0 5	4 54	1 33	2 19	15 37	21 39	21 34	21 46	1 6	5 20	
T 28	9 52	23 26	4 7	2 24	1 55	9 6	5 8	4 15	5 49	22 43	0 17	1 54	2 36	23 21	0 5	4 55	1 33	2 18	15 37	21 38	21 33	21 48	1 7	5 20	
W29	9 31	20 8	4 41	2 57	2 5	9 23	5 19	4 18	5 50	22 43	0 17	1 52	2 36	23 21	0 5	4 55	1 33	2 18	15 38	21 36	21 33	21 50	1 8	5 20	
T 30	9 10	15 46	4 58	3 30	2 15	9 40	5 29	4 21	5 50	22 44	0 17	1 51	2 36	23 21	0 5	4 56	1 33	2 18	15 38	21 35	21 32	21 52	1 9	5 20	
F 31	8n48	10n41	4n58	4s 1	2s24	9s57	5s40	4s25	5s50	22s44	0n16	1n49	2s36	23n21	0n 5	4s57	1n33	2n17	15s38	21n33	21n32	21s54	1s10	5n20	

ASTRODIENST EPHEMERIS for the year 2114

geocentric

SEPTEMBER 2114

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 39 27	8 ^h 19'05	27 ^h 43	5 ^h 26	12 ^h 14	2°R13	19 ^h 28	10°R37	23 ^h 42	16 ^h 15	18°R37	7°R16	7 ^h 19	8 ^h 58	14°R27	S 1
S 2	22 43 23	9°17'06	10 ^h 37	6°16	12°27	2 ^h 3	19°31	10 ^h 33	23°44	16°17	18 ^h 37	7 ^h 19	7°16	9°4	14 ^h 24	S 2
M 3	22 47 20	10°15'09	23°11	7°4	12°38	1°53	19°34	10°30	23°45	16°18	18°37	6°57	7°12	9°11	14°21	M 3
T 4	22 51 16	11°13'14	5 ^h 28	7°47	12°46	1°41	19°37	10°26	23°46	16°20	18°37	6°51	7°9	9°18	14°19	T 4
W 5	22 55 13	12°11'19	17°31	8°27	12°53	1°29	19°41	10°22	23°48	16°22	18°36	6°48	7°6	9°24	14°16	W 5
T 6	22 59 9	13°9'27	29°24	9°3	12°57	1°17	19°44	10°18	23°49	16°24	18°36	6°47	7°3	9°31	14°13	T 6
F 7	23 3 6	14°7'35	11 ^h 13	9°35	12°R59	1°4	19°48	10°14	23°50	16°26	18°35	6°47	7°0	9°38	14°10	F 7
S 8	23 7 3	15°5'45	23°2	10°3	12°59	0°50	19°52	10°11	23°51	16°28	18°35	6°47	6°57	9°44	14°7	S 8
S 9	23 10 59	16°3'57	4 ^h 38	10°26	12°57	0°36	19°57	10°6	23°52	16°30	18°35	6°45	6°53	9°51	14°4	S 9
M10	23 14 56	17°2'10	17°4	10°43	12°52	0°21	20°1	10°2	23°53	16°32	18°34	6°42	6°50	9°58	14°1	M10
T 11	23 18 52	18°0'25	29°27	10°56	12°44	0°6	20°5	9°58	23°54	16°34	18°34	6°36	6°47	10°4	13°58	T 11
W12	23 22 49	18°58'41	12 ^h 29	11°2	12°35	29 ^h 50	20°10	9°54	23°55	16°36	18°33	6°28	6°44	10°11	13°56	W12
T 13	23 26 45	19°56'59	25°13	11°R3	12°23	29°35	20°15	9°50	23°56	16°38	18°33	6°18	6°41	10°18	13°53	T 13
F 14	23 30 42	20°55'18	8 ^h 37	10°58	12°8	29°18	20°20	9°46	23°57	16°40	18°32	6°6	6°37	10°24	13°50	F 14
S 15	23 34 38	21°53'39	22°22	10°46	11°51	29°2	20°25	9°41	23°58	16°42	18°32	5°54	6°34	10°31	13°47	S 15
S 16	23 38 35	22°52'02	6 ^h 22	10°27	11°32	28°46	20°31	9°37	23°59	16°44	18°31	5°44	6°31	10°38	13°44	S 16
M17	23 42 32	23°50'27	20°33	10°1	11°11	28°29	20°36	9°33	23°59	16°46	18°31	5°35	6°28	10°44	13°41	M17
T 18	23 46 28	24°48'54	4 ^h 50	9°29	10°47	28°12	20°42	9°28	24°0	16°48	18°30	5°29	6°25	10°51	13°39	T 18
W19	23 50 25	25°47'23	19°9	8°50	10°21	27°55	20°48	9°24	24°1	16°50	18°29	5°26	6°22	10°57	13°36	W19
T 20	23 54 21	26°45'54	3 ^h 26	8°5	9°54	27°38	20°54	9°19	24°1	16°53	18°29	5°D25	6°18	11°4	13°33	T 20
F 21	23 58 18	27°44'27	17°38	7°14	9°25	27°21	21°0	9°15	24°2	16°55	18°28	5°26	6°15	11°11	13°30	F 21
S 22	0 2 14	28°43'03	1 ^h 54	6°17	8°54	27°4	21°6	9°10	24°2	16°57	18°27	5°R26	6°12	11°17	13°28	S 22
S 23	0 6 11	29°41'41	15°43	5°17	8°21	26°47	21°12	9°5	24°3	16°59	18°27	5°25	6°9	11°24	13°25	S 23
M24	0 10 7	0 ^h 40'21	29°35	4°14	7°47	26°31	21°19	9°1	24°3	17°1	18°26	5°22	6°6	11°31	13°22	M24
T 25	0 14 4	1°39'04	13 ^h 18	3°9	7°13	26°14	21°26	8°56	24°3	17°3	18°25	5°16	6°3	11°37	13°19	T 25
W26	0 18 1	2°37'48	26°51	2°3	6°37	25°58	21°33	8°52	24°3	17°6	18°25	5°8	5°59	11°44	13°17	W26
T 27	0 21 57	3°36'35	10 ^h 13	1°0	6°1	25°42	21°40	8°47	24°4	17°8	18°24	4°58	5°56	11°51	13°14	T 27
F 28	0 25 54	4°35'23	23°22	29 ^h 59	5°24	25°27	21°47	8°42	24°4	17°10	18°23	4°47	5°53	11°57	13°12	F 28
S 29	0 29 50	5°34'14	6 ^h 17	29°4	4°47	25°12	21°54	8°37	24°4	17°12	18°22	4°37	5°50	12°4	13°9	S 29
S 30	0 33 47	6 ^h 33'06	18 ^h 56	28 ^h 14	4 ^h 10	24 ^h 57	22 ^h 21	8°Y33	24°R4	17 ^h 14	18 ^h 22	4 ^h 27	5 ^h 47	12 ^h 11	13 ^h 6	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	decl lat	decl lat	decl lat
S 1	8n27	5n13	4n42	4s31	2s34	10s12	5s50	4s29	5s51	22s44	0n16	1n48	2s37	23n22	0n5	4s57
S 2	8 5	0s21	4 11	4 59	2 43	10 27	6 1	4 33	5 51	22 45	0 16	1 46	2 37	23 22	0 5	4 58
M 3	7 43	5 46	3 29	5 26	2 52	10 41	6 11	4 37	5 50	22 45	0 16	1 45	2 37	23 22	0 5	4 59
T 4	7 21	10 51	2 38	5 52	3 1	10 53	6 21	4 41	5 50	22 45	0 16	1 43	2 37	23 22	0 5	5 0
W 5	6 59	15 27	1 40	6 15	3 10	11 5	6 32	4 45	5 50	22 46	0 16	1 41	2 37	23 22	0 5	5 0
T 6	6 37	19 23	0 39	6 37	3 18	11 16	6 42	4 50	5 49	22 46	0 15	1 40	2 37	23 22	0 5	5 1
F 7	6 15	22 30	0s24	6 57	3 26	11 26	6 51	4 54	5 48	22 47	0 15	1 38	2 38	23 22	0 5	5 2
S 8	5 52	24 40	1 25	7 15	3 34	11 35	7 1	4 59	5 47	22 47	0 15	1 36	2 38	23 22	0 5	5 3
S 9	5 30	25 43	2 24	7 31	3 41	11 43	7 11	5 3	5 46	22 48	0 15	1 35	2 38	23 22	0 5	5 3
M10	5 7	25 35	3 16	7 43	3 47	11 49	7 20	5 8	5 45	22 48	0 15	1 33	2 38	23 22	0 5	5 4
T 11	4 44	24 11	4 1	7 54	3 53	11 54	7 29	5 13	5 43	22 49	0 15	1 31	2 38	23 22	0 5	5 5
W12	4 22	21 32	4 35	8 1	3 58	11 58	7 37	5 17	5 42	22 49	0 14	1 29	2 38	23 22	0 5	5 6
T 13	3 59	17 45	4 56	8 5	4 2	12 1	7 45	5 22	5 40	22 50	0 14	1 28	2 39	23 22	0 5	5 7
F 14	3 36	12 59	5 1	8 6	4 5	12 2	7 53	5 26	5 38	22 50	0 14	1 26	2 39	23 22	0 5	5 7
S 15	3 13	7 28	4 49	8 3	4 7	12 2	8 0	5 31	5 36	22 51	0 14	1 24	2 39	23 22	0 5	5 8
S 16	2 50	1 27	4 20	7 56	4 8	12 1	8 6	5 35	5 33	22 51	0 14	1 22	2 39	23 23	0 5	5 9
M17	2 27	4n43	3 34	7 46	4 8	11 58	8 12	5 40	5 31	22 52	0 14	1 20	2 39	23 23	0 5	5 10
T 18	2 4	10 42	2 35	7 31	4 6	11 53	8 18	5 44	5 28	22 52	0 14	1 19	2 39	23 23	0 5	5 11
W19	1 40	16 8	1 25	7 12	4 2	11 47	8 22	5 48	5 25	22 53	0 13	1 17	2 39	23 23	0 5	5 11
T 20	1 17	20 39	0 11	6 49	3 56	11 40	8 26	5 52	5 22	22 54	0 13	1 15	2 39	23 23	0 5	5 12
F 21	0 54	23 55	1n5	6 22	3 49	11 31	8 29	5 56	5 19	22 54	0 13	1 13	2 39	23 23	0 5	5 13
S 22	0 31	25 40	2 15	5 51	3 40	11 21	8 32	6 0	5 16	22 55	0 13	1 11	2 39	23 23	0 5	5 14
S 23	0 7	25 46	3 17	5 17	3 28	11 10	8 33	6 3	5 13	22 55	0 13	1 9	2 40	23 23	0 5	5 15
M24	0s16	24 15	4 7	4 40	3 15	10 57	8 34	6 7	5 9	22 56	0 13	1 7	2 40	23 23	0 5	5 16
T 25	0 39	21 19	4 42	4 0	3 0	10 43	8 33	6 10	5 6	22 56	0 13	1 6	2 40	23 23	0 5	5 16
W26	1 3	17 16	5 1	3 19	2 44	10 27	8 32	6 13	5 2	22 57	0 12	1 4	2 40	23 23	0 5	5 17
T 27	1 26	12 24	5 3	2 38	2 26	10 11	8 30	6 16	4 58	22 58	0 12	1 2	2 40	23 23	0 5	5 18
F 28	1 49	7 3	4 48	1 56	2 7	9 54	8 27	6 18	4 54	22 58	0 12	1 0	2 40	23 23	0 5	5 19
S 29	2 13	1 29	4 19	1 16	1 47	9 35	8 23	6 20	4 50	22 59	0 12	0 58	2 40	23 23	0 5	5 20
S 30	2s36	4s3	3n38	0s38	1s27	9s16	8s18	6s22	4s46	22s59	0n12	0n56	2s40	23n23	0n5	5s21

Julian Day Number = 2493425.5, Delta T = 100.41 sec
 Ecliptic obliquity = 23°25'32, Nutation = - 0°00'15, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 26°20'33, Lahiri = 25°27'33

ASTRODIENST EPHEMERIS for the year 2114
geocentric

OCTOBER 2114

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 37 43	7♏32'01	1♏20	27°R32	3°R34	24°R43	22♌9	8°R28	24°R 4	17♏16	18°R21	4°R20	5♏43	12♌17	13°R 4	M 1
T 2	0 41 40	8°30'58	13°31	26♏59	2♏58	24♏29	22°17	8°Y23	24♏4	17°19	18♏20	4♏16	5°40	12°24	13♏1	T 2
W 3	0 45 36	9°29'56	25°30	26°35	2°23	24°16	22°25	8°19	24° 4	17°21	18°19	4°13	5°37	12°30	12°59	W 3
T 4	0 49 33	10°28'56	7♏21	26°22	1°48	24° 4	22°33	8°14	24° 3	17°23	18°18	4°D13	5°34	12°37	12°56	T 4
F 5	0 53 30	11°27'58	19° 8	26°D19	1°15	23°52	22°41	8° 9	24° 3	17°25	18°17	4°14	5°31	12°44	12°54	F 5
S 6	0 57 26	12°27'02	0♏57	26°26	0°44	23°40	22°49	8° 5	24° 3	17°28	18°17	4°15	5°28	12°50	12°52	S 6
S 7	1 1 23	13°26'08	12°51	26°43	0°14	23°30	22°57	8° 0	24° 2	17°30	18°16	4°R15	5°24	12°57	12°49	S 7
M 8	1 5 19	14°25'16	24°57	27°11	29♏46	23°20	23° 6	7°55	24° 2	17°32	18°15	4°15	5°21	13° 4	12°47	M 8
T 9	1 9 16	15°24'25	7♏20	27°48	29°19	23°11	23°15	7°51	24° 2	17°34	18°14	4°12	5°18	13°10	12°45	T 9
W10	1 13 12	16°23'36	20° 3	28°33	28°55	23° 2	23°23	7°46	24° 1	17°36	18°13	4° 8	5°15	13°17	12°42	W10
T 11	1 17 9	17°22'49	3♏11	29°27	28°33	22°55	23°32	7°41	24° 1	17°39	18°12	4° 2	5°12	13°24	12°40	T 11
F 12	1 21 5	18°22'03	16°44	0♏28	28°13	22°48	23°41	7°37	24° 0	17°41	18°11	3°54	5° 8	13°30	12°38	F 12
S 13	1 25 2	19°21'19	0°Y42	1°36	27°55	22°41	23°50	7°32	23°59	17°43	18°10	3°47	5° 5	13°37	12°36	S 13
S 14	1 28 58	20°20'38	15° 1	2°50	27°40	22°36	24° 0	7°28	23°59	17°45	18° 9	3°40	5° 2	13°44	12°34	S 14
M15	1 32 55	21°19'58	29°35	4° 9	27°27	22°31	24° 9	7°23	23°58	17°48	18° 8	3°35	4°59	13°50	12°32	M15
T 16	1 36 52	22°19'21	14♏18	5°32	27°17	22°28	24°18	7°19	23°57	17°50	18° 7	3°31	4°56	13°57	12°30	T 16
W17	1 40 48	23°18'45	29° 3	6°59	27° 9	22°25	24°28	7°14	23°56	17°52	18° 6	3°D30	4°53	14° 3	12°28	W17
T 18	1 44 45	24°18'12	13♏43	8°30	27° 4	22°22	24°38	7°10	23°55	17°54	18° 5	3°30	4°49	14°10	12°26	T 18
F 19	1 48 41	25°17'42	28°12	10° 3	27° 1	22°21	24°48	7° 6	23°54	17°57	18° 4	3°31	4°46	14°17	12°24	F 19
S 20	1 52 38	26°17'13	12♏28	11°38	27°D 0	22°D20	24°57	7° 1	23°53	17°59	18° 3	3°33	4°43	14°23	12°22	S 20
S 21	1 56 34	27°16'47	26°29	13°15	27° 2	22°20	25° 8	6°57	23°52	18° 1	18° 2	3°R33	4°40	14°30	12°20	S 21
M22	2 0 31	28°16'23	10♏13	14°53	27° 6	22°21	25°18	6°53	23°51	18° 3	18° 1	3°33	4°37	14°37	12°18	M22
T 23	2 4 28	29°16'02	23°43	16°32	27°13	22°23	25°28	6°49	23°50	18° 5	18° 0	3°31	4°34	14°43	12°17	T 23
W24	2 8 24	0♏15'43	6♏57	18°12	27°22	22°25	25°38	6°45	23°49	18° 8	17°59	3°27	4°30	14°50	12°15	W24
T 25	2 12 21	1°15'25	19°57	19°53	27°33	22°28	25°49	6°41	23°48	18°10	17°58	3°22	4°27	14°57	12°13	T 25
F 26	2 16 17	2°15'10	2♏44	21°34	27°46	22°32	25°59	6°37	23°46	18°12	17°57	3°16	4°24	15° 3	12°12	F 26
S 27	2 20 14	3°14'58	15°18	23°15	28° 1	22°37	26°10	6°33	23°45	18°14	17°56	3°11	4°21	15°10	12°10	S 27
S 28	2 24 10	4°14'47	27°41	24°56	28°19	22°43	26°21	6°29	23°44	18°16	17°55	3° 7	4°18	15°17	12° 9	S 28
M29	2 28 7	5°14'38	9♏52	26°37	28°38	22°49	26°31	6°25	23°42	18°19	17°54	3° 3	4°14	15°23	12° 7	M29
T 30	2 32 3	6°14'31	21°53	28°18	28°59	22°56	26°42	6°21	23°41	18°21	17°52	3° 1	4°11	15°30	12° 6	T 30
W31	2 36 0	7♏14'26	3♏47	29♏59	29♏22	23♏4	26♏53	6°Y17	23♏39	18♏23	17♏51	3°D 1	4♏8	15♏37	12♏5	W31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	2s59	9s19	2n47	0s 2	1s 7	8s56	8s12	6s24	4s41	23s 0	0n12	0n54	2s40	23n23	0n 5	5s21
T 2	3 23	14 9	1 49	0n29	0 46	8 36	8 5	6 25	4 37	23 1	0 12	0 52	2 40	23 23	0 5	5 22
W 3	3 46	18 22	0 47	0 57	0 27	8 15	7 58	6 27	4 32	23 1	0 11	0 51	2 40	23 23	0 5	5 23
T 4	4 9	21 48	0s17	1 19	0 8	7 54	7 50	6 27	4 28	23 2	0 11	0 49	2 40	23 23	0 5	5 24
F 5	4 32	24 18	1 20	1 37	0n10	7 32	7 41	6 28	4 23	23 2	0 11	0 47	2 40	23 23	0 5	5 25
S 6	4 55	25 44	2 19	1 49	0 26	7 11	7 31	6 28	4 19	23 3	0 11	0 45	2 40	23 23	0 5	5 26
S 7	5 18	26 0	3 13	1 57	0 42	6 49	7 20	6 28	4 14	23 3	0 11	0 43	2 40	23 23	0 5	5 27
M 8	5 41	25 3	3 59	1 58	0 56	6 28	7 9	6 28	4 9	23 4	0 11	0 41	2 40	23 23	0 6	5 27
T 9	6 4	22 52	4 36	1 55	1 8	6 7	6 58	6 27	4 4	23 5	0 11	0 40	2 40	23 23	0 6	5 28
W10	6 27	19 31	4 59	1 47	1 19	5 46	6 46	6 26	4 0	23 5	0 10	0 38	2 40	23 23	0 6	5 29
T 11	6 49	15 7	5 9	1 35	1 29	5 26	6 33	6 24	3 55	23 6	0 10	0 36	2 40	23 23	0 6	5 30
F 12	7 12	9 51	5 1	1 18	1 37	5 7	6 21	6 23	3 50	23 6	0 10	0 34	2 40	23 23	0 6	5 31
S 13	7 34	3 56	4 36	0 57	1 44	4 48	6 8	6 21	3 45	23 7	0 10	0 32	2 40	23 23	0 6	5 32
S 14	7 57	2n20	3 52	0 33	1 50	4 30	5 54	6 18	3 40	23 7	0 10	0 31	2 40	23 23	0 6	5 32
M15	8 19	8 37	2 54	0 6	1 54	4 12	5 41	6 16	3 35	23 8	0 10	0 29	2 40	23 23	0 6	5 33
T 16	8 41	14 30	1 42	0s24	1 57	3 56	5 27	6 13	3 31	23 8	0 10	0 27	2 40	23 23	0 6	5 34
W17	9 3	19 33	0 24	0 57	1 59	3 40	5 14	6 10	3 26	23 9	0 10	0 26	2 40	23 23	0 6	5 35
T 18	9 25	23 21	0n55	1 31	2 0	3 25	5 0	6 6	3 21	23 10	0 9	0 24	2 40	23 23	0 6	5 36
F 19	9 47	25 35	2 11	2 8	2 0	3 11	4 46	6 2	3 16	23 10	0 9	0 22	2 40	23 23	0 6	5 37
S 20	10 8	26 6	3 16	2 46	2 0	2 59	4 32	5 58	3 11	23 11	0 9	0 21	2 39	23 23	0 6	5 37
S 21	10 30	24 55	4 9	3 24	1 58	2 47	4 19	5 54	3 7	23 11	0 9	0 19	2 39	23 23	0 6	5 38
M22	10 51	22 16	4 47	4 4	1 56	2 36	4 5	5 49	3 2	23 12	0 9	0 17	2 39	23 23	0 6	5 39
T 23	11 12	18 27	5 8	4 45	1 54	2 26	3 52	5 44	2 57	23 12	0 9	0 16	2 39	23 23	0 6	5 40
W24	11 33	13 46	5 11	5 26	1 50	2 18	3 39	5 39	2 53	23 12	0 9	0 14	2 39	23 23	0 6	5 41
T 25	11 54	8 34	4 59	6 7	1 47	2 10	3 25	5 34	2 48	23 13	0 9	0 13	2 39	23 23	0 6	5 42
F 26	12 15	3 5	4 32	6 49	1 42	2 3	3 12	5 28	2 44	23 13	0 8	0 11	2 39	23 23	0 6	5 42
S 27	12 35	2s27	3 52	7 31	1 38	1 58	3 0	5 22	2 39	23 14	0 8	0 10	2 39	23 22	0 6	5 43
S 28	12 56	7 49	3 2	8 13	1 33	1 53	2 47	5 16	2 35	23 14	0 8	0 9	2 39	23 22	0 6	5 44
M29	13 16	12 48	2 4	8 54	1 27	1 49	2 35	5 9	2 30	23 15	0 8	0 7	2 38	23 22	0 6	5 45
T 30	13 36	17 15	1 1	9 35	1 22	1 47	2 23	5 2	2 26	23 15	0 8	0 6	2 38	23 22	0 6	5 46
W31	13s55	20s58	0s 4	10s16	1n16	1s45	2s11	4s55	2s22	23s15	0n 8	0n 4	2s38	23n22	0n 6	5s46

Julian Day Number = 2493455.5, Delta T = 100.45 sec
Ecliptic obliquity = 23°25'32", Nutation = - 0°00'16", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°20'37", Lahiri = 25°27'37"

ASTRODIENST EPHEMERIS for the year 2114

geocentric

NOVEMBER 2114

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 39 56	8♈14'23	15♊36	1♈40	29♈47	23♈12	27♈4	6°R14	23°R38	18♈25	17°R50	3♈1	4♈5	15♈43	12°R 3	T 1
F 2	2 43 53	9°14'22	27°22	3°20	0♈14	23°21	27°16	6°Y10	23°R36	18°27	17°R49	3°3	4°2	15°50	12°R 2	F 2
S 3	2 47 50	10°14'23	9♈10	5°0	0°42	23°31	27°27	6°7	23°35	18°29	17°48	3°4	3°59	15°56	12°1	S 3
S 4	2 51 46	11°14'25	21°4	6°40	1°12	23°42	27°38	6°3	23°33	18°31	17°47	3°6	3°55	16°3	12°0	S 4
M 5	2 55 43	12°14'28	3♈8	8°19	1°43	23°53	27°50	6°0	23°31	18°33	17°46	3°7	3°52	16°10	11°59	M 5
T 6	2 59 39	13°14'34	15°27	9°58	2°16	24°5	28°1	5°57	23°29	18°35	17°45	3°R 7	3°49	16°16	11°58	T 6
W 7	3 3 36	14°14'40	28°6	11°36	2°50	24°18	28°13	5°54	23°28	18°38	17°44	3°7	3°46	16°23	11°57	W 7
T 8	3 7 32	15°14'49	11♈9	13°14	3°26	24°31	28°25	5°51	23°26	18°40	17°42	3°5	3°43	16°30	11°56	T 8
F 9	3 11 29	16°14'59	24°39	14°51	4°3	24°45	28°36	5°48	23°24	18°42	17°41	3°3	3°40	16°36	11°55	F 9
S 10	3 15 25	17°15'10	8°Y37	16°29	4°41	25°0	28°48	5°45	23°22	18°44	17°40	3°1	3°36	16°43	11°55	S 10
S 11	3 19 22	18°15'23	23°0	18°5	5°21	25°15	29°0	5°42	23°20	18°46	17°39	2°59	3°33	16°50	11°54	S 11
M12	3 23 19	19°15'37	7♈45	19°42	6°2	25°30	29°12	5°39	23°18	18°48	17°38	2°58	3°30	16°56	11°53	M12
T 13	3 27 15	20°15'54	22°45	21°18	6°44	25°47	29°24	5°36	23°16	18°50	17°37	2°57	3°27	17°3	11°53	T 13
W14	3 31 12	21°16'12	7♈51	22°53	7°27	26°3	29°36	5°34	23°14	18°52	17°36	2°D57	3°24	17°10	11°52	W14
T 15	3 35 8	22°16'32	22°54	24°29	8°11	26°21	29°48	5°31	23°12	18°54	17°35	2°57	3°20	17°16	11°52	T 15
F 16	3 39 5	23°16'54	7♈47	26°4	8°56	26°39	0♈1	5°29	23°10	18°55	17°33	2°58	3°17	17°23	11°51	F 16
S 17	3 43 1	24°17'17	22°22	27°39	9°42	26°57	0°13	5°27	23°8	18°57	17°32	2°59	3°14	17°30	11°51	S 17
S 18	3 46 58	25°17'43	6♈36	29°13	10°29	27°16	0°25	5°25	23°6	18°59	17°31	2°59	3°11	17°36	11°50	S 18
M19	3 50 55	26°18'10	20°26	0♈47	11°17	27°35	0°38	5°22	23°4	19°1	17°30	3°R 0	3°8	17°43	11°50	M19
T 20	3 54 51	27°18'40	3♈53	2°21	12°6	27°55	0°50	5°20	23°1	19°3	17°29	3°0	3°5	17°50	11°50	T 20
W21	3 58 48	28°19'11	17°0	3°55	12°56	28°16	1°3	5°19	22°59	19°5	17°28	2°59	3°1	17°56	11°50	W21
T 22	4 2 44	29°19'43	29°47	5°29	13°46	28°36	1°16	5°17	22°57	19°7	17°27	2°59	2°58	18°3	11°50	T 22
F 23	4 6 41	0♈20'18	12♈18	7°2	14°38	28°58	1°28	5°15	22°55	19°8	17°26	2°59	2°55	18°9	11°D50	F 23
S 24	4 10 37	1°20'54	24°36	8°35	15°30	29°19	1°41	5°13	22°52	19°10	17°25	2°58	2°52	18°16	11°50	S 24
S 25	4 14 34	2°21'32	6♈43	10°8	16°23	29°42	1°54	5°12	22°50	19°12	17°24	2°58	2°49	18°23	11°50	S 25
M26	4 18 30	3°22'12	18°42	11°41	17°16	0°Y 4	2°7	5°11	22°48	19°14	17°22	2°D58	2°46	18°29	11°50	M26
T 27	4 22 27	4°22'53	0♈35	13°14	18°10	0°27	2°20	5°9	22°45	19°15	17°21	2°R58	2°42	18°36	11°50	T 27
W28	4 26 23	5°23'35	12°24	14°46	19°5	0°51	2°33	5°8	22°43	19°17	17°20	2°58	2°39	18°43	11°51	W28
T 29	4 30 20	6°24'19	24°12	16°19	20°1	1°14	2°46	5°7	22°40	19°19	17°19	2°58	2°36	18°49	11°51	T 29
F 30	4 34 17	7♈25'04	6♈0	17♈51	20♈57	1°Y39	2♈59	5°Y 6	22°R38	19♈20	17♈18	2♈57	2♈33	18♈56	11♈51	F 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
T 1	14s15	23s47	1s 9	10s57	1n10	1s44	1s59	4s48	2s17	23s16	0n 8	0n 3	2s38	23n22	0n 6	5s47	1n33	1n54	15s50	20n45	20n57	23s42	2s17	5n 9	
F 2	14 34	25 34	2 10	11 37	1 4	1 44	1 48	4 40	2 13	23 16	0 8	0 2	2 38	23 22	0 6	5 48	1 33	1 54	15 50	20 45	20 56	23 43	2 17	5 8	
S 3	14 53	26 13	3 7	12 16	0 58	1 45	1 37	4 33	2 9	23 16	0 8	0 1	2 38	23 22	0 6	5 49	1 33	1 54	15 50	20 46	20 56	23 45	2 18	5 8	
S 4	15 12	25 39	3 55	12 55	0 51	1 47	1 26	4 25	2 5	23 17	0 7	0s 1	2 38	23 22	0 6	5 50	1 33	1 54	15 50	20 46	20 55	23 46	2 19	5 8	
M 5	15 30	23 53	4 34	13 34	0 45	1 50	1 15	4 17	2 1	23 17	0 7	0 2	2 37	23 22	0 6	5 50	1 33	1 53	15 50	20 46	20 55	23 48	2 19	5 7	
T 6	15 48	20 59	5 1	14 11	0 38	1 53	1 5	4 8	1 57	23 17	0 7	0 3	2 37	23 22	0 6	5 51	1 33	1 53	15 50	20 46	20 54	23 50	2 20	5 7	
W 7	16 6	17 3	5 15	14 48	0 32	1 58	0 54	4 0	1 53	23 18	0 7	0 4	2 37	23 22	0 6	5 52	1 33	1 53	15 50	20 46	20 53	23 51	2 21	5 7	
T 8	16 24	12 12	5 13	15 24	0 25	2 3	0 45	3 51	1 49	23 18	0 7	0 5	2 37	23 22	0 6	5 53	1 33	1 52	15 50	20 46	20 53	23 53	2 21	5 6	
F 9	16 41	6 37	4 54	16 0	0 18	2 9	0 35	3 42	1 46	23 18	0 7	0 6	2 37	23 22	0 6	5 53	1 33	1 52	15 50	20 45	20 52	23 54	2 22	5 6	
S 10	16 58	0 32	4 18	16 34	0 11	2 15	0 25	3 33	1 42	23 18	0 7	0 7	2 37	23 22	0 6	5 54	1 33	1 52	15 50	20 45	20 52	23 56	2 23	5 6	
S 11	17 15	5n47	3 24	17 8	0 5	2 22	0 16	3 23	1 38	23 19	0 7	0 8	2 36	23 21	0 6	5 55	1 33	1 52	15 50	20 45	20 51	23 57	2 23	5 5	
M12	17 32	11 57	2 15	17 41	0s 2	2 30	0 7	3 14	1 35	23 19	0 7	0 9	2 36	23 21	0 6	5 56	1 33	1 51	15 50	20 44	20 50	23 59	2 24	5 5	
T 13	17 48	17 32	0 56	18 13	0 9	2 39	0n 1	3 4	1 31	23 19	0 6	0 10	2 36	23 21	0 6	5 56	1 33	1 51	15 49	20 44	20 50	24 0	2 24	5 5	
W14	18 4	22 3	0n27	18 44	0 16	2 48	0 10	2 54	1 28	23 19	0 6	0 11	2 36	23 21	0 6	5 57	1 33	1 51	15 49	20 44	20 49	24 2	2 25	5 4	
T 15	18 20	25 3	1 49	19 14	0 22	2 58	0 18	2 44	1 24	23 19	0 6	0 11	2 36	23 21	0 6	5 58	1 33	1 51	15 49	20 44	20 49	24 3	2 25	5 4	
F 16	18 35	26 13	3 2	19 44	0 29	3 9	0 26	2 34	1 21	23 19	0 6	0 12	2 36	23 21	0 6	5 58	1 33	1 50	15 49	20 44	20 48	24 5	2 26	5 4	
S 17	18 50	25 32	4 1	20 12	0 35	3 20	0 33	2 24	1 17	23 19	0 6	0 13	2 35	23 21	0 6	5 59	1 33	1 50	15 49	20 44	20 47	24 6	2 26	5 3	
S 18	19 5	23 12	4 45	20 39	0 42	3 32	0 41	2 13	1 14	23 20	0 6	0 14	2 35	23 21	0 6	6 0	1 33	1 50	15 49	20 45	20 47	24 8	2 27	5 3	
M19	19 19	19 34	5 10	21 5	0 48	3 44	0 48	2 3	1 11	23 20	0 6	0 14	2 35	23 21	0 6	6 0	1 33	1 50	15 49	20 45	20 46	24 9	2 27	5 3	
T 20	19 33	15 0	5 18	21 30	0 54	3 56	0 55	1 52	1 8	23 20	0 6	0 15	2 35	23 21	0 6	6 1	1 33	1 49	15 49	20 45	20 46	24 11	2 28	5 2	
W21	19 46	9 52	5 8	21 54	1 0	4 10	1 1	1 41	1 5	23 20	0 6	0 15	2 34	23 20	0 6	6 2	1 33	1 49	15 49	20 45	20 45	24 12	2 28	5 2	
T 22	20 0	4 26	4 44	22 18	1 6	4 23	1 8	1 30	1 2	23 20	0 6	0 16	2 34	23 20	0 6	6 2	1 33	1 49	15 49	20 45	20 44	24 13	2 28	5 2	
F 23	20 13	1s 5	4 6	22 39	1 12	4 37	1 14	1 19	0 59	23 20	0 5	0 16	2 34	23 20	0 6	6 3	1 33	1 49	15 49	20 44	20 44	24 15	2 29	5 1	
S 24	20 25	6 27	3 18	23 0	1 18	4 52	1 20	1 7	0 56	23 20	0 5	0 17	2 34	23 20	0 6	6 4	1 33	1 49	15 49	20 44	20 43	24 16	2 29	5 1	
S 25	20 37	11 32	2 21	23 20	1 23	5 7	1 26	0 56	0 53	23 20	0 5	0 17	2 34	23 20	0 6	6 4	1 33	1 48	15 49	20 44	20 43	24 18	2 29	5 0	
M26	20 49	16 7	1 19	23 38	1 29	5 22	1 31	0 44	0 50	23 19	0 5	0 18	2 33	23 20	0 6	6 5	1 33	1 48	15 48	20 44	20 42	24 19	2 29	5 0	
T 27	21 0	20 3	0 13	23 55	1 34	5 38	1 37	0 33	0 48	23 19	0 5	0 18	2 33	23 20	0 6	6 6	1 33	1 48	15 48	20 44	20 41	24 21	2 30	5 0	
W28	21 11	23 8	0s52	24 11	1 39	5 54	1 42	0 21	0 45	23 19	0 5	0 18	2 33	23 20	0 6	6 6	1 33	1 48	15 48	20 44	20 41	24 22	2 30	4 59	
T 29	21 22	25 13	1 55	24 26	1 43	6 10	1 47	0 9	0 42	23 19	0 5	0 18	2 33	23 20	0 6	6 7	1 34	1 48	15 48	20 44	20 40	24 23	2 30	4 59	
F 30	21s32	26s11	2s53	24s40	1s48	6s27	1n52	0n 3	0s40	23s19	0n 5	0s18	2s32	23n19	0n 6	6s 7	1n34	1n48	15s48	20n44	20n39	24s25	2s30	4n59	

ASTRODIENST EPHEMERIS for the year 2114
geocentric

DECEMBER 2114

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	4 38 13	8♌25'50	17♋50	19♊23	21♒54	2♑ 3	3♏12	5♎R 5	22♑R36	19♒22	17♑R17	2♑R57	2♒30	19♊ 3	11♋52	S 1
S 2	4 42 10	9°26'38	29°47	20°55	22°51	2°28	3°25	5♑ 4	22♒33	19°24	17♋16	2♒56	2°26	19° 9	11°52	S 2
M 3	4 46 6	10°27'26	11♋52	22°26	23°49	2°53	3°38	5° 4	22°31	19°25	17°15	2°55	2°23	19°16	11°53	M 3
T 4	4 50 3	11°28'15	24°11	23°58	24°47	3°19	3°51	5° 3	22°28	19°27	17°14	2°54	2°20	19°23	11°54	T 4
W 5	4 53 59	12°29'06	6♋46	25°29	25°46	3°45	4° 5	5° 3	22°26	19°28	17°13	2°D54	2°17	19°29	11°54	W 5
T 6	4 57 56	13°29'57	19°42	27° 0	26°45	4°11	4°18	5° 2	22°23	19°30	17°12	2°54	2°14	19°36	11°55	T 6
F 7	5 1 53	14°30'48	3♑ 1	28°31	27°45	4°38	4°31	5° 2	22°21	19°31	17°11	2°54	2°11	19°43	11°56	F 7
S 8	5 5 49	15°31'41	16°47	0♋ 2	28°45	5° 5	4°45	5°D 2	22°18	19°33	17°10	2°55	2° 7	19°49	11°57	S 8
S 9	5 9 46	16°32'34	1♒ 0	1°32	29°46	5°32	4°58	5° 2	22°15	19°34	17° 9	2°56	2° 4	19°56	11°58	S 9
M10	5 13 42	17°33'28	15°38	3° 2	0♒47	6° 0	5°12	5° 2	22°13	19°36	17° 8	2°57	2° 1	20° 3	11°59	M10
T 11	5 17 39	18°34'23	0♒36	4°31	1°48	6°27	5°25	5° 3	22°10	19°37	17° 7	2°R58	1°58	20° 9	12° 0	T 11
W12	5 21 35	19°35'19	15°48	5°59	2°50	6°56	5°39	5° 3	22° 8	19°38	17° 6	2°58	1°55	20°16	12° 1	W12
T 13	5 25 32	20°36'16	1♋ 4	7°27	3°52	7°24	5°52	5° 3	22° 5	19°40	17° 5	2°56	1°52	20°23	12° 2	T 13
F 14	5 29 28	21°37'14	16°14	8°55	4°55	7°53	6° 6	5° 4	22° 3	19°41	17° 5	2°54	1°48	20°29	12° 3	F 14
S 15	5 33 25	22°38'13	1♒ 8	10°21	5°58	8°21	6°19	5° 5	22° 0	19°42	17° 4	2°52	1°45	20°36	12° 4	S 15
S 16	5 37 22	23°39'13	15°39	11°46	7° 1	8°51	6°33	5° 5	21°58	19°43	17° 3	2°49	1°42	20°42	12° 6	S 16
M17	5 41 18	24°40'14	29°43	13° 9	8° 5	9°20	6°47	5° 6	21°55	19°45	17° 2	2°46	1°39	20°49	12° 7	M17
T 18	5 45 15	25°41'15	13♒19	14°31	9° 9	9°49	7° 0	5° 7	21°52	19°46	17° 1	2°45	1°36	20°56	12° 9	T 18
W19	5 49 11	26°42'18	26°28	15°51	10°13	10°19	7°14	5° 8	21°50	19°47	17° 0	2°D44	1°32	21° 2	12°10	W19
T 20	5 53 8	27°43'21	9♒12	17° 9	11°18	10°49	7°28	5° 9	21°47	19°48	16°59	2°45	1°29	21° 9	12°12	T 20
F 21	5 57 4	28°44'26	21°37	18°24	12°23	11°20	7°42	5°11	21°45	19°49	16°59	2°46	1°26	21°16	12°13	F 21
S 22	6 1 1	29°45'31	3♒47	19°37	13°28	11°50	7°55	5°12	21°42	19°50	16°58	2°48	1°23	21°22	12°15	S 22
S 23	6 4 57	0♋46'38	15°45	20°45	14°34	12°21	8° 9	5°14	21°40	19°51	16°57	2°50	1°20	21°29	12°17	S 23
M24	6 8 54	1°47'45	27°36	21°50	15°40	12°52	8°23	5°15	21°37	19°52	16°56	2°R51	1°17	21°36	12°18	M24
T 25	6 12 51	2°48'52	9♊23	22°50	16°46	13°23	8°37	5°17	21°35	19°53	16°55	2°51	1°13	21°42	12°20	T 25
W26	6 16 47	3°50'01	21°10	23°44	17°52	13°54	8°50	5°19	21°32	19°54	16°55	2°49	1°10	21°49	12°22	W26
T 27	6 20 44	4°51'09	2♋59	24°32	18°59	14°25	9° 4	5°21	21°30	19°55	16°54	2°46	1° 7	21°56	12°24	T 27
F 28	6 24 40	5°52'18	14°52	25°13	20° 5	14°57	9°18	5°23	21°27	19°56	16°53	2°41	1° 4	22° 2	12°26	F 28
S 29	6 28 37	6°53'28	26°50	25°46	21°12	15°29	9°32	5°25	21°25	19°56	16°53	2°35	1° 1	22° 9	12°28	S 29
S 30	6 32 33	7°54'37	8♋55	26° 9	22°19	16° 1	9°46	5°27	21°22	19°57	16°52	2°28	0°58	22°16	12°30	S 30
M31	6 36 30	8♋55'47	21♋ 9	26♋24	23♒27	16♑33	10♋ 0	5♑30	21♒20	19♒58	16♋51	2♒21	0♒54	22♊22	12♋32	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	21s42	25s57	3s44	24s52	1s52	6s44	1n56	0n15	0s37	23s19	0n 5	0s19	2s32	23n19	0n 6	6s 8	1n34	1n48	15s48	20n44	20n39	24s26	2s30	4n58
S 2	21 51	24 31	4 26	25 3	1 56	7 1	2 0	0 27	0 35	23 18	0 4	0 19	2 32	23 19	0 6	6 8	1 34	1 47	15 48	20 44	20 38	24 28	2 31	4 58
M 3	22 0	21 58	4 56	25 13	2 0	7 18	2 5	0 39	0 32	23 18	0 4	0 19	2 32	23 19	0 6	6 9	1 34	1 47	15 48	20 44	20 38	24 29	2 31	4 58
T 4	22 9	18 23	5 14	25 21	2 4	7 36	2 9	0 52	0 30	23 18	0 4	0 19	2 32	23 19	0 6	6 10	1 34	1 47	15 47	20 44	20 37	24 30	2 31	4 57
W 5	22 17	13 55	5 17	25 28	2 7	7 54	2 12	1 4	0 27	23 18	0 4	0 19	2 31	23 19	0 6	6 10	1 34	1 47	15 47	20 44	20 36	24 32	2 31	4 57
T 6	22 24	8 44	5 4	25 33	2 10	8 12	2 16	1 17	0 25	23 17	0 4	0 19	2 31	23 19	0 6	6 11	1 34	1 47	15 47	20 44	20 36	24 33	2 31	4 57
F 7	22 32	3 0	4 35	25 37	2 12	8 30	2 19	1 30	0 23	23 17	0 4	0 18	2 31	23 19	0 6	6 11	1 34	1 47	15 47	20 44	20 35	24 35	2 31	4 56
S 8	22 38	3n 4	3 49	25 40	2 14	8 48	2 22	1 42	0 20	23 17	0 4	0 18	2 31	23 18	0 6	6 12	1 34	1 47	15 47	20 44	20 34	24 36	2 31	4 56
S 9	22 45	9 11	2 48	25 41	2 16	9 7	2 25	1 55	0 18	23 16	0 4	0 18	2 30	23 18	0 6	6 12	1 34	1 47	15 47	20 44	20 34	24 37	2 31	4 56
M10	22 51	15 0	1 35	25 41	2 18	9 25	2 28	2 8	0 16	23 16	0 4	0 18	2 30	23 18	0 6	6 13	1 34	1 47	15 46	20 44	20 33	24 39	2 31	4 55
T 11	22 56	20 3	0 13	25 39	2 19	9 44	2 31	2 21	0 14	23 15	0 4	0 17	2 30	23 18	0 6	6 13	1 34	1 47	15 46	20 44	20 33	24 40	2 31	4 55
W12	23 1	23 50	1n11	25 36	2 19	10 3	2 33	2 34	0 12	23 15	0 4	0 17	2 30	23 18	0 6	6 13	1 34	1 47	15 46	20 44	20 32	24 41	2 31	4 55
T 13	23 6	25 55	2 29	25 32	2 19	10 22	2 36	2 47	0 10	23 14	0 3	0 17	2 29	23 18	0 6	6 14	1 34	1 46	15 46	20 44	20 31	24 43	2 30	4 54
F 14	23 10	26 2	3 37	25 26	2 19	10 41	2 38	3 0	0 8	23 14	0 3	0 16	2 29	23 18	0 6	6 14	1 34	1 46	15 46	20 44	20 31	24 44	2 30	4 54
S 15	23 13	24 16	4 29	25 18	2 18	10 59	2 40	3 13	0 6	23 13	0 3	0 16	2 29	23 17	0 6	6 15	1 34	1 46	15 45	20 43	20 30	24 45	2 30	4 54
S 16	23 16	20 56	5 2	25 10	2 16	11 18	2 41	3 27	0 4	23 13	0 3	0 15	2 29	23 17	0 6	6 15	1 34	1 46	15 45	20 43	20 29	24 47	2 30	4 53
M17	23 19	16 29	5 15	24 59	2 14	11 37	2 43	3 40	0 2	23 12	0 3	0 15	2 28	23 17	0 6	6 16	1 34	1 46	15 45	20 42	20 29	24 48	2 30	4 53
T 18	23 21	11 19	5 10	24 48	2 11	11 56	2 44	3 53	0 0	23 11	0 3	0 14	2 28	23 17	0 6	6 16	1 34	1 46	15 45	20 42	20 28	24 49	2 29	4 53
W19	23 23	5 50	4 49	24 35	2 7	12 15	2 46	4 7	0n 2	23 11	0 3	0 13	2 28	23 17	0 6	6 16	1 35	1 46	15 44	20 42	20 27	24 50	2 29	4 52
T 20	23 24	0 15	4 14	24 21	2 2	12 34	2 47	4 20	0 3	23 10	0 3	0 13	2 28	23 17	0 6	6 17	1 35	1 46	15 44	20 42	20 27	24 52	2 29	4 52
F 21	23 25	5s12	3 28	24 6	1 57	12 53	2 48	4 33	0 5	23 9	0 3	0 12	2 27	23 17	0 6	6 17	1 35	1 46	15 44	20 42	20 26	24 53	2 29	4 52
S 22	23 26	10 22	2 33	23 49	1 51	13 11	2 49	4 47	0 7	23 9	0 3	0 11	2 27	23 16	0 6	6 17	1 35	1 46	15 44	20 42	20 26	24 54	2 28	4 51
S 23	23 25	15 4	1 33	23 32	1 44	13 30	2 49	5 0	0 8	23 8	0 2	0 10	2 27	23 16	0 6	6 18	1 35	1 46	15 43	20 43	20 25	24 56	2 28	4 51
M24	23 25	19 9	0 29	23 14	1 36	13 48	2 50	5 14	0 10	23 7	0 2	0 9	2 27	23 16	0 6	6 18	1 35	1 47	15 43	20 43	20 24	24 57	2 28	4 51
T 25	23 24	22 26	0s36	22 55	1 26	14 7	2 50	5 27	0 12	23 6	0 2	0 9	2 26	23 16	0 6	6 18	1 35	1 47	15 43	20 43	20 24	24 58	2 27	4 50
W26	23 22	24 47	1 39	22 35	1 16	14 25	2 51	5 41	0 13	23 6	0 2	0 8	2 26	23 16	0 6	6 19	1 35	1 47	15 43	20 43	20 23	24 59	2 27	4 50
T 27	23 20	26 1	2 38	22 16	1 5	14 43	2 51	5 55	0 15	23 5	0 2	0 7	2 26	23 16	0 6	6 19	1 35	1 47	15 42	20 42	20 22	25 1	2 26	4 50
F 28	23 18	26 4	3 30	21 56	0 52	15 1	2 51	6 8	0 16	23 4	0 2	0 6	2 26	23 15	0 6	6 19	1 35	1 47	15 42	20 41	20 22	25 2	2 26	4 49
S 29	23 15	24 55	4 13	21 36	0 38	15 18	2 51	6 22	0 18	23 3	0 2	0 4	2 25	23 15	0 7	6 19	1 35	1 47	15 42	20 40	20 21	25 3	2 25	4 49
S 30	23 11	22 36	4 45	21 17	0 23	15 36	2 50	6 36	0 19	23 2	0 2	0 3	2 25	23 15	0 7	6 20	1 35	1 47	15 42	20 38	20 20	25 4	2 25	4 49
M31	23s 7	19s15	5s 5	20s59	0s 7	15s53	2n50	6n49	0n21	23s 1	0n 2	0s 2	2s25	23n15	0n 7	6s20	1n35	1n47	15s41	20n37	20n20	25s 5	2s24	4n48