



Astrodienst Ephemeris Tables for the year 2046

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 2046

geocentric

JANUARY 2046

00:00 UT

Day	Sid.t	☉	☽	♀	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 43 16	10°34'24.5	26°23'36	1°38'48	11°18'38	16°16'2	8°18'50	17°17'18	1°18'21	14°18'27	2°18'18	14°18'8	15°18'21	5°18'2	6°18'16	M 1	
T 2	6 47 13	11°43'55	10°11'11	3°21'11	11°18'2	16°16'31	9°17'25	17°17'25	1°18'20	14°18'26	2°19'14	14°18'5	15°18'18	5°18'8	6°18'18	T 2	
W 3	6 51 9	12°45'05	23°32'32	4°55'10	10°18'25	16°16'59	9°17'31	17°17'31	1°18'18	14°18'26	2°20'14	14°18'1	15°18'14	5°18'15	6°20'20	W 3	
T 4	6 55 6	13°46'15	6°13'39	6°29'9	9°49'17	17°27'9	9°23'17	17°38'1	1°17'14	14°25'2	2°21'13	13°56'15	15°11'5	5°22'15	6°22'15	T 4	
F 5	6 59 3	14°47'25	19°34'8	8°3'9	9°13'17	17°55'9	9°34'17	17°45'1	1°15'14	14°24'2	2°22'13	13°51'15	15°8'8	5°28'6	6°24'5	F 5	
S 6	7 2 59	15°48'36	2°31'16	9°38'8	8°39'18	18°22'9	9°45'17	17°51'1	1°14'14	14°24'2	2°23'13	13°46'15	15°5'5	5°35'6	6°26'6	S 6	
S 7	7 6 56	16°49'47	14°45'11	1°13'8	8°6'18	18°50'9	9°56'17	17°58'1	1°12'14	14°23'2	2°25'13	13°42'15	15°2'2	5°42'6	6°27'6	S 7	
M 8	7 10 52	17°50'57	27°2'12	12°48'7	7°33'19	19°17'10	10°8'18	18°4'1	1°10'14	14°22'2	2°26'13	13°39'14	15°9'8	5°48'6	6°29'6	M 8	
T 9	7 14 49	18°52'07	9°8'14	14°24'7	7°3'19	19°44'10	10°19'18	18°11'1	1°9'14	14°22'2	2°27'13	13°38'14	14°55'5	5°55'6	6°30'6	T 9	
W10	7 18 45	19°53'17	21°5'16	0'6	6°34'20	20°11'10	18°17'1	18°17'1	1°7'14	14°21'2	2°29'13	13°38'14	14°52'2	6°2'6	6°31'6	W10	
T 11	7 22 42	20°54'26	2°16'56	17°37'6	6°7'20	20°37'10	18°43'1	18°24'1	1°5'14	14°21'2	2°30'13	13°39'14	14°49'6	6°8'6	6°33'6	T 11	
F 12	7 26 38	21°55'35	14°43'19	14°43'19	5°42'21	21°4'10	18°30'1	18°30'1	1°3'14	14°21'2	2°31'13	13°41'14	14°46'6	6°15'6	6°34'6	F 12	
S 13	7 30 35	22°56'44	26°31'20	5°2'21	5°19'21	21°30'11	18°36'1	18°36'1	1°1'14	14°20'2	2°33'13	13°43'14	14°43'3	6°22'6	6°35'6	S 13	
S 14	7 34 32	23°57'52	8°12'23	22°30'4	4°58'21	21°56'11	18°43'1	18°43'1	1°0'14	14°20'2	2°34'13	13°44'14	14°39'3	6°28'6	6°35'6	S 14	
M15	7 38 28	24°58'59	20°27'24	8'24	4°40'22	22°11'11	18°49'0	18°49'0	0°58'14	14°19'2	2°35'13	13°45'14	14°36'3	6°35'6	6°36'6	M15	
T 16	7 42 25	26°0'05	2°18'45	25°47'4	4°24'22	22°47'11	18°55'0	18°55'0	0°56'14	14°19'2	2°37'13	13°45'14	14°33'3	6°41'6	6°37'6	T 16	
W17	7 46 21	27°1'11	15°23'27	27°27'4	4°11'23	23°12'11	19°5'1	19°5'1	0°54'14	14°19'2	2°38'13	13°44'14	14°30'3	6°48'6	6°37'6	W17	
T 18	7 50 18	28°2'17	18°23'29	7'4	4°0'23	23°37'12	7'19	7'19	0°52'14	14°19'2	2°40'13	13°43'14	14°27'3	6°55'6	6°37'6	T 18	
F 19	7 54 14	29°3'21	11°11'50	0°47'3	3°51'24	24°1'12	20°19'1	19°13'0	0°49'14	14°18'2	2°41'13	13°41'14	14°24'2	7°1'6	6°37'6	F 19	
S 20	7 58 11	0°4'25	25°43'2	2°28'3	3°45'24	24°26'12	20°19'1	19°19'0	0°47'14	14°18'2	2°42'13	13°39'14	14°20'2	7°8'6	6°37'6	S 20	
S 21	8 2 8	1°5'28	10°2'2	4°10'3	3°41'24	24°50'12	19°25'0	19°25'0	0°45'14	14°18'2	2°44'13	13°37'14	14°17'1	7°15'6	6°37'6	S 21	
M22	8 6 4	2°6'30	24°42'5	5°52'3	3°40'25	25°14'12	19°31'0	19°31'0	0°43'14	14°18'2	2°45'13	13°36'14	14°14'1	7°21'6	6°37'6	M22	
T 23	8 10 1	3°7'31	9°13'36	7°35'3	3°42'25	25°37'13	19°37'0	19°37'0	0°41'14	14°18'2	2°47'13	13°35'14	14°11'1	7°28'6	6°37'6	T 23	
W24	8 13 57	4°8'32	24°36'9	9°18'3	3°45'26	26°0'13	19°42'0	19°42'0	0°39'14	14°18'2	2°48'13	13°36'14	14°8'8	7°35'6	6°37'6	W24	
T 25	8 17 54	5°9'32	9°13'35	11°1'3	3°51'26	26°23'13	19°48'0	19°48'0	0°36'14	14°18'2	2°50'13	13°36'14	14°5'5	7°41'6	6°36'6	T 25	
F 26	8 21 50	6°10'31	24°24'12	12°45'4	4°0'26	26°46'13	19°54'0	19°54'0	0°34'14	14°18'2	2°51'13	13°37'14	14°1'1	7°48'6	6°35'6	F 26	
S 27	8 25 47	7°11'30	8°12'57	14°29'4	4°11'27	27°8'14	20°5'19	19°59'0	0°32'14	14°18'2	2°53'13	13°37'14	13°58'8	7°55'6	6°35'6	S 27	
S 28	8 29 43	8°12'29	23°10'16	16°14'4	4°23'27	27°30'14	20°5'19	20°5'19	0°29'14	14°18'2	2°55'13	13°38'14	13°55'5	8°1'6	6°34'6	S 28	
M29	8 33 40	9°13'26	7°11'17	17°59'4	4°38'27	27°52'14	20°10'19	20°10'19	0°27'14	14°18'2	2°56'13	13°38'14	13°52'8	8°8'6	6°33'6	M29	
T 30	8 37 37	10°14'23	20°3'1	19°44'4	4°55'28	28°14'14	20°16'19	20°16'19	0°25'14	14°19'2	2°58'13	13°38'14	13°49'8	8°15'6	6°32'6	T 30	
W31	8 41 33	11°15'20	3°14'21	21°29'5	5°15'28	28°35'14	20°16'19	20°16'19	0°22'14	14°19'2	2°59'13	13°38'14	13°45'8	8°22'6	6°30'6	W31	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23s 0	14s53	4s58	24s22	0s56	19s18	3n39	4s27	2n 1	9s17	1s 6	21s24	1n26	11n43	0n46	14n27	1s48
T 2	22 55	19 47	5 12	24 26	1 2	19 6	3 53	4 37	2 1	9 13	1 6	21 25	1 26	11 43	0 46	14 27	1 48
W 3	22 49	23 37	5 8	24 28	1 8	18 56	4 7	4 48	2 2	9 8	1 6	21 25	1 26	11 44	0 46	14 27	1 48
T 4	22 43	26 9	4 48	24 30	1 13	18 45	4 20	4 58	2 2	9 4	1 6	21 26	1 26	11 45	0 46	14 27	1 48
F 5	22 37	27 15	4 14	24 30	1 19	18 35	4 32	5 8	2 3	9 0	1 6	21 26	1 26	11 45	0 47	14 27	1 48
S 6	22 30	26 53	3 28	24 29	1 24	18 25	4 44	5 18	2 3	8 55	1 6	21 27	1 26	11 46	0 47	14 27	1 47
S 7	22 23	25 8	2 32	24 26	1 28	18 16	4 56	5 28	2 4	8 51	1 6	21 28	1 26	11 46	0 47	14 26	1 47
M 8	22 15	22 13	1 30	24 22	1 33	18 7	5 6	5 38	2 4	8 47	1 5	21 28	1 26	11 47	0 47	14 26	1 47
T 9	22 6	18 22	0 25	24 16	1 37	17 59	5 16	5 48	2 5	8 42	1 5	21 29	1 26	11 48	0 47	14 26	1 47
W10	21 58	13 49	0n41	24 9	1 41	17 51	5 25	5 57	2 5	8 38	1 5	21 29	1 26	11 48	0 47	14 26	1 47
T 11	21 49	8 48	1 44	24 1	1 45	17 44	5 34	6 7	2 6	8 33	1 5	21 30	1 26	11 49	0 47	14 26	1 47
F 12	21 39	3 30	2 43	23 51	1 49	17 37	5 42	6 16	2 6	8 29	1 5	21 30	1 26	11 50	0 47	14 26	1 47
S 13	21 29	1n54	3 35	23 40	1 52	17 31	5 49	6 25	2 7	8 24	1 5	21 31	1 26	11 50	0 47	14 26	1 47
S 14	21 19	7 17	4 18	23 27	1 55	17 26	5 55	6 34	2 7	8 19	1 5	21 31	1 26	11 51	0 47	14 26	1 47
M15	21 8	12 28	4 51	23 12	1 57	17 21	6 0	6 43	2 8	8 15	1 5	21 32	1 26	11 52	0 47	14 26	1 47
T 16	20 57	17 17	5 11	22 57	2 0	17 17	6 5	6 52	2 8	8 10	1 5	21 32	1 26	11 52	0 47	14 26	1 47
W17	20 45	21 29	5 16	22 39	2 2	17 13	6 10	7 1	2 9	8 5	1 4	21 33	1 26	11 53	0 47	14 26	1 47
T 18	20 33	24 46	5 6	22 20	2 3	17 10	6 13	7 10	2 9	8 0	1 4	21 33	1 26	11 54	0 47	14 26	1 47
F 19	20 21	26 49	4 39	22 0	2 4	17 7	6 16	7 18	2 10	7 55	1 4	21 34	1 26	11 55	0 47	14 26	1 47
S 20	20 8	27 17	3 55	21 38	2 5	17 5	6 18	7 27	2 10	7 51	1 4	21 34	1 26	11 55	0 47	14 26	1 47
S 21	19 55	25 58	2 56	21 15	2 6	17 3	6 20	7 35	2 11	7 46	1 4	21 35	1 26	11 56	0 47	14 26	1 47
M22	19 41	22 52	1 43	20 50	2 6	17 2	6 21	7 43	2 11	7 41	1 4	21 35	1 26	11 57	0 47	14 26	1 47
T 23	19 27	18 12	0 22	20 23	2 5	17 1	6 22	7 51	2 12	7 36	1 4	21 36	1 26	11 58	0 47	14 26	1 46
W24	19 13	12 22	1s 1	19 55	2 4	17 1	6 22	7 59	2 12	7 31	1 4	21 36	1 27	11 59	0 47	14 26	1 46
T 25	18 58	5 49	2 19	19 26	2 3	17 1	6 22	8 7	2 13	7 26	1 4	21 36	1 27	11 59	0 47	14 26	1 46
F 26	18 44	0s57	3 28	18 55	2 1	17 2	6 21	8 15	2 13	7 21	1 4	21 37	1 27	12 0	0 47	14 26	1 46
S 27	18 28	7 33	4 22	18 22	1 58	17 3	6 20	8 22	2 14	7 16	1 4	21 37	1 27	12 1	0 47	14 26	1 46
S 28	18 13	13 36	4 58	17 48	1 55	17 4	6 18	8 30	2 14	7 11	1 4	21 37	1 27	12 2	0 47	14 26	1 46
M29	17 57	18 49	5 16	17 13	1 52	17 5	6 16	8 37	2 15	7 6	1 4	21 38	1 27	12 3	0 47	14 26	1 46
T 30	17 40	22 56	5 16	16 36	1 47	17 7	6 14	8 44	2 15	7 0	1 3	21 38	1 27	12 4	0 47	14 26	1 46
W31	17s24	25s46	4s59	15s58	1s43	17s 9	6n11	8s51	2n16	6s55	1s 3	21s38	1n27	12n 5	0n47	14n27	1s46

Julian Day Number = 2468346.5, Delta T = 73.44 sec
 Ecliptic obliquity = 23°26'06, Nutation = 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°22'59, Lahiri = 24°29'59

ASTRODIENST EPHEMERIS for the year 2046
geocentric

FEBRUARY 2046

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 45 30	12 ²⁸ 16'16	16 ²⁷ 33	23 ²⁸ 14	5 ⁵³ 36	28 ²⁵ 55	15 ¹⁵ 8	20 ²⁷ 26	0 ⁰ R20	14 ¹⁸ 19	3 ³ 1	13 ⁰ R38	13 ²⁸ 42	8 ¹⁸ 28	6 ⁰ R29	T 1
F 2	8 49 26	13 ⁰ 17'11	29 ⁰ 9	24 ⁰ 58	5 ⁵⁸	29 ⁰ 16	15 ⁰ 21	20 ⁰ 32	0 ⁰ 17	14 ⁰ 19	3 ⁰ 2	13 ⁰ D37	13 ⁰ 39	8 ⁰ 35	6 ⁰ 28	F 2
S 3	8 53 23	14 ⁰ 18'05	11 ⁰ 32	26 ⁰ 42	6 ⁰ 23	29 ⁰ 36	15 ⁰ 34	20 ⁰ 37	0 ⁰ 15	14 ⁰ 20	3 ⁰ 4	13 ⁰ 37	13 ⁰ 36	8 ⁰ 41	6 ⁰ 26	S 3
S 4	8 57 19	15 ⁰ 18'59	23 ⁰ 44	28 ⁰ 25	6 ⁰ 50	29 ⁰ 55	15 ⁰ 48	20 ⁰ 42	0 ⁰ 12	14 ⁰ 20	3 ⁰ 6	13 ⁰ 38	13 ⁰ 33	8 ⁰ 48	6 ⁰ 24	S 4
M 5	9 1 16	16 ⁰ 19'51	5 ⁰ 47	0 ⁰ 8	7 ⁰ 18	0 ⁰ 14	16 ⁰ 2	20 ⁰ 47	0 ⁰ 10	14 ⁰ 20	3 ⁰ 7	13 ⁰ 38	13 ⁰ 30	8 ⁰ 55	6 ⁰ 23	M 5
T 6	9 5 12	17 ⁰ 20'42	17 ⁰ 43	1 ⁰ 48	7 ⁰ 47	0 ⁰ 33	16 ⁰ 15	20 ⁰ 52	0 ⁰ 7	14 ⁰ 21	3 ⁰ 9	13 ⁰ R38	13 ⁰ 26	9 ⁰ 1	6 ⁰ 21	T 6
W 7	9 9 9	18 ⁰ 21'32	29 ⁰ 35	3 ⁰ 28	8 ⁰ 19	0 ⁰ 52	16 ⁰ 29	20 ⁰ 57	0 ⁰ 5	14 ⁰ 21	3 ⁰ 11	13 ⁰ 38	13 ⁰ 23	9 ⁰ 8	6 ⁰ 19	W 7
T 8	9 13 6	19 ⁰ 22'21	11 ⁰ 42	5 ⁰ 4	8 ⁰ 51	1 ⁰ 10	16 ⁰ 42	21 ⁰ 2	0 ⁰ 2	14 ⁰ 22	3 ⁰ 12	13 ⁰ 37	13 ⁰ 20	9 ⁰ 15	6 ⁰ 16	T 8
F 9	9 17 2	20 ⁰ 23'08	23 ⁰ 12	6 ⁰ 39	9 ⁰ 25	1 ⁰ 27	16 ⁰ 56	21 ⁰ 6	29 ⁰ 59	14 ⁰ 22	3 ⁰ 14	13 ⁰ 36	13 ⁰ 17	9 ⁰ 21	6 ⁰ 14	F 9
S 10	9 20 59	21 ⁰ 23'54	5 ⁰ 1	8 ⁰ 10	10 ⁰ 1	1 ⁰ 45	17 ⁰ 10	21 ⁰ 11	29 ⁰ 57	14 ⁰ 23	3 ⁰ 16	13 ⁰ 35	13 ⁰ 14	9 ⁰ 28	6 ⁰ 12	S 10
S 11	9 24 55	22 ⁰ 24'38	16 ⁰ 57	9 ⁰ 37	10 ⁰ 38	2 ⁰ 1	17 ⁰ 24	21 ⁰ 16	29 ⁰ 54	14 ⁰ 24	3 ⁰ 17	13 ⁰ 34	13 ⁰ 10	9 ⁰ 35	6 ⁰ 9	S 11
M 12	9 28 52	23 ⁰ 25'21	29 ⁰ 0	11 ⁰ 0	11 ⁰ 16	2 ⁰ 18	17 ⁰ 38	21 ⁰ 20	29 ⁰ 52	14 ⁰ 24	3 ⁰ 19	13 ⁰ 33	13 ⁰ 7	9 ⁰ 41	6 ⁰ 7	M 12
T 13	9 32 48	24 ⁰ 26'03	11 ⁰ 16	12 ⁰ 17	11 ⁰ 55	2 ⁰ 33	17 ⁰ 52	21 ⁰ 24	29 ⁰ 49	14 ⁰ 25	3 ⁰ 21	13 ⁰ 32	13 ⁰ 4	9 ⁰ 48	6 ⁰ 4	T 13
W 14	9 36 45	25 ⁰ 26'42	23 ⁰ 49	13 ⁰ 29	12 ⁰ 36	2 ⁰ 49	18 ⁰ 6	21 ⁰ 29	29 ⁰ 46	14 ⁰ 26	3 ⁰ 22	13 ⁰ D32	13 ⁰ 1	9 ⁰ 55	6 ⁰ 2	W 14
T 15	9 40 41	26 ⁰ 27'21	6 ⁰ 42	14 ⁰ 35	13 ⁰ 17	3 ⁰ 4	18 ⁰ 20	21 ⁰ 33	29 ⁰ 44	14 ⁰ 26	3 ⁰ 24	13 ⁰ 32	12 ⁰ 58	10 ⁰ 1	5 ⁰ 59	T 15
F 16	9 44 38	27 ⁰ 27'57	19 ⁰ 59	15 ⁰ 33	14 ⁰ 0	3 ⁰ 18	18 ⁰ 34	21 ⁰ 37	29 ⁰ 41	14 ⁰ 27	3 ⁰ 26	13 ⁰ 33	12 ⁰ 55	10 ⁰ 8	5 ⁰ 56	F 16
S 17	9 48 35	28 ⁰ 28'32	3 ⁰ 43	16 ⁰ 23	14 ⁰ 43	3 ⁰ 32	18 ⁰ 48	21 ⁰ 41	29 ⁰ 39	14 ⁰ 28	3 ⁰ 27	13 ⁰ 34	12 ⁰ 51	10 ⁰ 15	5 ⁰ 53	S 17
S 18	9 52 31	29 ⁰ 29'05	17 ⁰ 54	17 ⁰ 4	15 ⁰ 28	3 ⁰ 46	19 ⁰ 2	21 ⁰ 45	29 ⁰ 36	14 ⁰ 29	3 ⁰ 29	13 ⁰ 35	12 ⁰ 48	10 ⁰ 21	5 ⁰ 50	S 18
M 19	9 56 28	0 ⁰ 29'36	2 ⁰ 43	17 ⁰ 36	16 ⁰ 14	3 ⁰ 59	19 ⁰ 16	21 ⁰ 49	29 ⁰ 33	14 ⁰ 30	3 ⁰ 31	13 ⁰ 36	12 ⁰ 45	10 ⁰ 28	5 ⁰ 47	M 19
T 20	10 0 24	1 ⁰ 30'05	17 ⁰ 29	17 ⁰ 59	17 ⁰ 0	4 ⁰ 11	19 ⁰ 30	21 ⁰ 53	29 ⁰ 31	14 ⁰ 30	3 ⁰ 32	13 ⁰ R36	12 ⁰ 42	10 ⁰ 35	5 ⁰ 43	T 20
W 21	10 4 21	2 ⁰ 30'33	2 ⁰ 40	18 ⁰ 12	17 ⁰ 48	4 ⁰ 23	19 ⁰ 44	21 ⁰ 57	29 ⁰ 28	14 ⁰ 31	3 ⁰ 34	13 ⁰ 35	12 ⁰ 39	10 ⁰ 41	5 ⁰ 40	W 21
T 22	10 8 17	3 ⁰ 30'59	17 ⁰ 55	18 ⁰ R14	18 ⁰ 36	4 ⁰ 34	19 ⁰ 58	22 ⁰ 1	29 ⁰ 25	14 ⁰ 32	3 ⁰ 36	13 ⁰ 33	12 ⁰ 36	10 ⁰ 48	5 ⁰ 36	T 22
F 23	10 12 14	4 ⁰ 31'24	3 ⁰ 4	18 ⁰ 7	19 ⁰ 25	4 ⁰ 45	20 ⁰ 13	22 ⁰ 4	29 ⁰ 23	14 ⁰ 33	3 ⁰ 37	13 ⁰ 31	12 ⁰ 32	10 ⁰ 55	5 ⁰ 33	F 23
S 24	10 16 10	5 ⁰ 31'47	17 ⁰ 58	17 ⁰ 49	20 ⁰ 15	4 ⁰ 55	20 ⁰ 27	22 ⁰ 8	29 ⁰ 20	14 ⁰ 34	3 ⁰ 39	13 ⁰ 28	12 ⁰ 29	11 ⁰ 1	5 ⁰ 29	S 24
S 25	10 20 7	6 ⁰ 32'09	2 ⁰ 30	17 ⁰ 22	21 ⁰ 6	5 ⁰ 5	20 ⁰ 41	22 ⁰ 11	29 ⁰ 18	14 ⁰ 35	3 ⁰ 41	13 ⁰ 25	12 ⁰ 26	11 ⁰ 8	5 ⁰ 26	S 25
M 26	10 24 3	7 ⁰ 32'29	16 ⁰ 34	16 ⁰ 47	21 ⁰ 57	5 ⁰ 14	20 ⁰ 56	22 ⁰ 15	29 ⁰ 15	14 ⁰ 37	3 ⁰ 42	13 ⁰ 23	12 ⁰ 23	11 ⁰ 15	5 ⁰ 22	M 26
T 27	10 28 0	8 ⁰ 32'48	0 ⁰ 12	16 ⁰ 3	22 ⁰ 49	5 ⁰ 23	21 ⁰ 10	22 ⁰ 18	29 ⁰ 12	14 ⁰ 38	3 ⁰ 44	13 ⁰ 21	12 ⁰ 20	11 ⁰ 21	5 ⁰ 18	T 27
W 28	10 31 57	9 ⁰ 33'06	13 ⁰ 22	15 ⁰ 13	23 ⁰ 42	5 ⁰ 31	21 ⁰ 14	22 ⁰ 21	29 ⁰ 10	14 ⁰ 39	3 ⁰ 46	13 ⁰ D21	12 ⁰ 16	11 ⁰ 28	5 ⁰ 14	W 28

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	17s 7	27s11	4s27	15s18	1s37	17s11	6n 8	8s58	2n16	6s50	1 s 3	21s39	1n27	12n 5	0n47	14n27	1s46	21s 7	11s32	16s44	16s43	6s23	5s54	3s37	
F 2	16 50	27 9	3 43	14 38	1 31	17 13	6 5	9 5	2 16	6 45	1 3	21 39	1 27	12 6	0 47	14 27	1 46	21 6	11 32	16 44	16 43	6 20	5 53	3 37	
S 3	16 32	25 45	2 49	13 56	1 24	17 16	6 2	9 11	2 17	6 39	1 3	21 39	1 27	12 7	0 47	14 27	1 46	21 5	11 32	16 44	16 44	6 17	5 53	3 37	
S 4	16 14	23 8	1 48	13 13	1 17	17 18	5 58	9 18	2 17	6 34	1 3	21 40	1 27	12 8	0 47	14 27	1 46	21 5	11 31	16 44	16 45	6 14	5 52	3 38	
M 5	15 56	19 31	0 43	12 30	1 8	17 21	5 54	9 24	2 18	6 29	1 3	21 40	1 27	12 9	0 47	14 27	1 46	21 4	11 31	16 44	16 46	6 10	5 52	3 38	
T 6	15 38	15 9	0n23	11 45	0 59	17 23	5 50	9 30	2 18	6 24	1 3	21 40	1 27	12 10	0 47	14 28	1 46	21 3	11 31	16 44	16 47	6 7	5 51	3 38	
W 7	15 19	10 15	1 28	11 0	0 50	17 26	5 45	9 36	2 19	6 18	1 3	21 41	1 27	12 11	0 47	14 28	1 46	21 3	11 31	16 44	16 48	6 4	5 50	3 38	
T 8	15 1	5 0	2 28	10 15	0 39	17 28	5 41	9 42	2 19	6 13	1 3	21 41	1 27	12 12	0 47	14 28	1 45	21 2	11 31	16 44	16 49	6 1	5 49	3 38	
F 9	14 41	0n24	3 23	9 30	0 28	17 31	5 36	9 48	2 20	6 7	1 3	21 41	1 27	12 13	0 47	14 28	1 45	21 2	11 31	16 44	16 50	5 58	5 48	3 38	
S 10	14 22	5 48	4 8	8 45	0 16	17 33	5 31	9 53	2 20	6 2	1 3	21 41	1 27	12 14	0 47	14 28	1 45	21 1	11 31	16 45	16 51	5 54	5 48	3 38	
S 11	14 2	11 1	4 44	8 0	0 3	17 35	5 26	9 58	2 21	5 57	1 3	21 42	1 27	12 15	0 47	14 29	1 45	21 0	11 31	16 45	16 52	5 51	5 47	3 38	
M12	13 43	15 54	5 7	7 17	0n10	17 37	5 21	10 4	2 21	5 51	1 3	21 42	1 27	12 16	0 47	14 29	1 45	21 0	11 31	16 45	16 53	5 48	5 46	3 38	
T 13	13 22	20 13	5 17	6 34	0 25	17 39	5 16	10 9	2 21	5 46	1 3	21 42	1 28	12 16	0 47	14 29	1 45	20 59	11 31	16 46	16 53	5 45	5 44	3 38	
W14	13 2	23 45	5 12	5 53	0 39	17 41	5 10	10 13	2 22	5 40	1 3	21 42	1 28	12 17	0 47	14 29	1 45	20 58	11 31	16 46	16 54	5 41	5 43	3 38	
T 15	12 42	26 13	4 52	5 14	0 54	17 43	5 5	10 18	2 22	5 35	1 3	21 42	1 28	12 18	0 47	14 30	1 45	20 58	11 31	16 46	16 55	5 38	5 42	3 38	
F 16	12 21	27 18	4 15	4 38	1 10	17 44	4 59	10 23	2 23	5 29	1 3	21 43	1 28	12 19	0 47	14 30	1 45	20 57	11 31	16 45	16 56	5 35	5 41	3 38	
S 17	12 0	26 46	3 23	4 4	1 25	17 45	4 54	10 27	2 23	5 24	1 3	21 43	1 28	12 20	0 47	14 30	1 45	20 57	11 31	16 45	16 57	5 32	5 40	3 38	
S 18	11 39	24 31	2 18	3 33	1 41	17 46	4 48	10 31	2 23	5 18	1 3	21 43	1 28	12 21	0 47	14 31	1 45	20 56	11 31	16 45	16 58	5 29	5 39	3 38	
M19	11 18	20 35	1 1	3 6	1 57	17 47	4 42	10 35	2 24	5 13	1 3	21 43	1 28	12 22	0 47	14 31	1 45	20 55	11 31	16 44	16 59	5 25	5 37	3 37	
T 20	10 56	15 15	0s21	2 43	2 12	17 47	4 36	10 39	2 24	5 7	1 3	21 43	1 28	12 23	0 47	14 31	1 45	20 55	11 31	16 44	17 0	5 22	5 36	3 37	
W21	10 35	8 55	1 44	2 25	2 27	17 47	4 30	10 43	2 24	5 1	1 3	21 43	1 28	12 24	0 47	14 32	1 45	20 54	11 31	16 45	17 1	5 19	5 35	3 37	
T 22	10 13	2 2	2 58	2 11	2 47	17 47	4 24	10 46	2 25	4 56	1 3	21 44	1 28	12 25	0 47	14 32	1 45	20 54	11 31	16 45	17 2	5 16	5 33	3 37	
F 23	9 51	4s54	4 0	2 1	2 54	17 47	4 18	10 49	2 25	4 50	1 3	21 44	1 28	12 26	0 47	14 32	1 45	20 53	11 32	16 46	17 2	5 12	5 32	3 37	
S 24	9 29	11 26	4 45	1 57	3 6	17 46	4 12	10 53	2 25	4 44	1 3	21 44	1 28	12 27	0 47	14 33	1 45	20 52	11 32	16 47	17 3	5 9	5 30	3 37	
S 25	9 7	17 10	5 9	1 58	3 17	17 44	4 5	10 56	2 26	4 39	1 3	21 44	1 28	12 28	0 47	14 33	1 44	20 52	11 32	16 47	17 4	5 6	5 29	3 37	
M26	8 44	21 48	5 15	2 3	3 26	17 43	3 59	10 58	2 26	4 33	1 2	21 44	1 28	12 28	0 47	14 33	1 44	20 51	11 32	16 48	17 5	5 3	5 27	3 37	
T 27	8 22	25 6	5 2	2 13	3 36	17 40	3 53	11 1	2 26	4 28	1 2	21 44	1 29	12 29	0 47	14 34	1 44	20 51	11 32	16 49	17 6	4 59	5 25	3 37	
W28	7s59	26s55	4s33	2s28	3n38	17s38	3n47	11s 3	2n26	4s22	1s 2	21s44	1n29	12n30	0n47	14n34	1s44	20s50	11s32	16s49	17s 7	4s56	5s24	3s37	

ASTRODIENST EPHEMERIS for the year 2046
geocentric

MARCH 2046

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 53	10 ^h 33'22"	26 ^h 9' 9"	14 ^h R17	24 ^h 35	5 ^h M38	21 ^h 39	22 ^h 24	29 ^h R 7	14 ^h 40	3 ^h 47	13 ^h 22	12 ^h 13	11 ^h 35	5 ^h R10	T 1
F 2	10 39 50	11 ^h 33'37"	8 ^h 37	13 ^h 18	25 ^h 29	5 ^h 45	21 ^h 53	22 ^h 28	29 ^h Ω 5	14 ^h 41	3 ^h 49	13 ^h 23	12 ^h 10	11 ^h 41	5 ^h Ω 6	F 2
S 3	10 43 46	12 ^h 33'50"	20 ^h 49	12 ^h 16	26 ^h 24	5 ^h 51	22 ^h 8	22 ^h 30	29 ^h 2	14 ^h 42	3 ^h 51	13 ^h 25	12 ^h 7	11 ^h 48	5 ^h 2	S 3
S 4	10 47 43	13 ^h 34'02"	2 ^h 51	11 ^h 13	27 ^h 19	5 ^h 56	22 ^h 22	22 ^h 33	29 ^h 0	14 ^h 44	3 ^h 52	13 ^h 27	12 ^h 4	11 ^h 54	4 ^h 58	S 4
M 5	10 51 39	14 ^h 34'12"	14 ^h 44	10 ^h 11	28 ^h 15	6 ^h 1	22 ^h 36	22 ^h 36	28 ^h 57	14 ^h 45	3 ^h 54	13 ^h R27	12 ^h 1	12 ^h 1	4 ^h 54	M 5
T 6	10 55 36	15 ^h 34'20"	26 ^h 34	9 ^h 11	29 ^h 11	6 ^h 5	22 ^h 51	22 ^h 39	28 ^h 55	14 ^h 46	3 ^h 56	13 ^h 26	11 ^h 57	12 ^h 8	4 ^h 49	T 6
W 7	10 59 32	16 ^h 34'26"	8 ^h 21	8 ^h 14	0 ^h 8 8	6 ^h 8	23 ^h 5	22 ^h 41	28 ^h 52	14 ^h 48	3 ^h 57	13 ^h 24	11 ^h 54	12 ^h 14	4 ^h 45	W 7
T 8	11 3 29	17 ^h 34'31"	20 ^h 10	7 ^h 21	1 ^h 5	6 ^h 10	23 ^h 20	22 ^h 44	28 ^h 50	14 ^h 49	3 ^h 59	13 ^h 19	11 ^h 51	12 ^h 21	4 ^h 41	T 8
F 9	11 7 26	18 ^h 34'34"	2 ^h Y 1	6 ^h 33	2 ^h 3	6 ^h 12	23 ^h 34	22 ^h 46	28 ^h 47	14 ^h 50	4 ^h 1	13 ^h 14	11 ^h 48	12 ^h 28	4 ^h 36	F 9
S 10	11 11 22	19 ^h 34'34"	13 ^h 56	5 ^h 51	3 ^h 1	6 ^h 14	23 ^h 49	22 ^h 48	28 ^h 45	14 ^h 52	4 ^h 2	13 ^h 7	11 ^h 45	12 ^h 34	4 ^h 32	S 10
S 11	11 15 19	20 ^h 34'33"	25 ^h 58	5 ^h 15	4 ^h 0	6 ^h R14	24 ^h 3	22 ^h 51	28 ^h 42	14 ^h 53	4 ^h 4	13 ^h 0	11 ^h 42	12 ^h 41	4 ^h 27	S 11
M12	11 19 15	21 ^h 34'30"	8 ^h 8 8	4 ^h 45	4 ^h 59	6 ^h 14	24 ^h 18	22 ^h 53	28 ^h 40	14 ^h 55	4 ^h 6	12 ^h 53	11 ^h 38	12 ^h 48	4 ^h 23	M12
T 13	11 23 12	22 ^h 34'25"	20 ^h 28	4 ^h 22	5 ^h 58	6 ^h 13	24 ^h 32	22 ^h 55	28 ^h 38	14 ^h 56	4 ^h 7	12 ^h 47	11 ^h 35	12 ^h 54	4 ^h 18	T 13
W14	11 27 8	23 ^h 34'17"	3 ^h II 2	4 ^h 6	6 ^h 58	6 ^h 11	24 ^h 47	22 ^h 57	28 ^h 35	14 ^h 58	4 ^h 9	12 ^h 43	11 ^h 32	13 ^h 1	4 ^h 14	W14
T 15	11 31 5	24 ^h 34'08"	15 ^h 53	3 ^h 56	7 ^h 58	6 ^h 8	25 ^h 2	22 ^h 58	28 ^h 33	14 ^h 59	4 ^h 10	12 ^h 41	11 ^h 29	13 ^h 8	4 ^h 9	T 15
F 16	11 35 1	25 ^h 33'56"	29 ^h 3	3 ^h D52	8 ^h 58	6 ^h 5	25 ^h 16	23 ^h 0	28 ^h 31	15 ^h 1	4 ^h 12	12 ^h D41	11 ^h 26	13 ^h 14	4 ^h 4	F 16
S 17	11 38 58	26 ^h 33'42"	12 ^h 35	3 ^h 54	9 ^h 59	6 ^h 1	25 ^h 31	23 ^h 2	28 ^h 28	15 ^h 3	4 ^h 14	12 ^h 42	11 ^h 22	13 ^h 21	4 ^h 0	S 17
S 18	11 42 55	27 ^h 33'25"	26 ^h 32	4 ^h 3	11 ^h 0	5 ^h 56	25 ^h 45	23 ^h 3	28 ^h 26	15 ^h 4	4 ^h 15	12 ^h 43	11 ^h 19	13 ^h 28	3 ^h 55	S 18
M19	11 46 51	28 ^h 33'07"	10 ^h 24	4 ^h 17	12 ^h 2	5 ^h 51	26 ^h 0	23 ^h 5	28 ^h 24	15 ^h 6	4 ^h 17	12 ^h R44	11 ^h 16	13 ^h 34	3 ^h 50	M19
T 20	11 50 48	29 ^h 32'46"	25 ^h 39	4 ^h 36	13 ^h 4	5 ^h 44	26 ^h 14	23 ^h 6	28 ^h 22	15 ^h 8	4 ^h 18	12 ^h 43	11 ^h 13	13 ^h 41	3 ^h 46	T 20
W21	11 54 44	0 ^h Y32'22"	10 ^h 42	5 ^h 0	14 ^h 6	5 ^h 37	26 ^h 29	23 ^h 7	28 ^h 20	15 ^h 9	4 ^h 20	12 ^h 41	11 ^h 10	13 ^h 48	3 ^h 41	W21
T 22	11 58 41	1 ^h 31'57"	25 ^h 55	5 ^h 29	15 ^h 8	5 ^h 29	26 ^h 43	23 ^h 8	28 ^h 18	15 ^h 11	4 ^h 21	12 ^h 36	11 ^h 7	13 ^h 54	3 ^h 36	T 22
F 23	12 2 37	2 ^h 31'30"	11 ^h Δ 8	6 ^h 2	16 ^h 11	5 ^h 21	26 ^h 58	23 ^h 9	28 ^h 16	15 ^h 13	4 ^h 23	12 ^h 29	11 ^h 3	14 ^h 1	3 ^h 31	F 23
S 24	12 6 34	3 ^h 31'00"	26 ^h 11	6 ^h 40	17 ^h 14	5 ^h 11	27 ^h 12	23 ^h 10	28 ^h 14	15 ^h 15	4 ^h 24	12 ^h 21	11 ^h 0	14 ^h 8	3 ^h 27	S 24
S 25	12 10 30	4 ^h 30'29"	10 ^h M54	7 ^h 21	18 ^h 17	5 ^h 1	27 ^h 27	23 ^h 11	28 ^h 12	15 ^h 16	4 ^h 26	12 ^h 13	10 ^h 57	14 ^h 14	3 ^h 22	S 25
M26	12 14 27	5 ^h 29'56"	25 ^h 11	8 ^h 6	19 ^h 21	4 ^h 50	27 ^h 41	23 ^h 12	28 ^h 10	15 ^h 18	4 ^h 27	12 ^h 6	10 ^h 54	14 ^h 21	3 ^h 17	M26
T 27	12 18 24	6 ^h 29'21"	8 ^h Δ58	8 ^h 55	20 ^h 25	4 ^h 38	27 ^h 55	23 ^h 12	28 ^h 8	15 ^h 20	4 ^h 29	12 ^h 0	10 ^h 51	14 ^h 28	3 ^h 12	T 27
W28	12 22 20	7 ^h 28'45"	22 ^h 16	9 ^h 47	21 ^h 29	4 ^h 26	28 ^h 10	23 ^h 13	28 ^h 6	15 ^h 22	4 ^h 30	11 ^h 57	10 ^h 48	14 ^h 34	3 ^h 7	W28
T 29	12 26 17	8 ^h 28'06"	5 ^h 6 6	10 ^h 42	22 ^h 33	4 ^h 13	28 ^h 24	23 ^h 13	28 ^h 4	15 ^h 24	4 ^h 32	11 ^h D56	10 ^h 44	14 ^h 41	3 ^h 3	T 29
F 30	12 30 13	9 ^h 27'26"	17 ^h 34	11 ^h 40	23 ^h 38	3 ^h 59	28 ^h 39	23 ^h 13	28 ^h 2	15 ^h 26	4 ^h 33	11 ^h 56	10 ^h 41	14 ^h 48	2 ^h 58	F 30
S 31	12 34 10	10 ^h Y26'45"	29 ^h 344	12 ^h Δ41	24 ^h Δ43	3 ^h M44	28 ^h Δ53	23 ^h Δ14	28 ^h Δ 1	15 ^h Δ28	4 ^h Δ35	11 ^h Δ57	10 ^h Δ38	14 ^h Δ54	2 ^h Δ53	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s36	27s14	3s51	2s46	3n41	17s35	3n40	11s 5	2n27	4s16	1s 2	21s44	1n29	12n31	0n47	14n34	1s44	20s50	11s32	16s48	17s 8	4s53	5s22	3s37					
F 2	7 14	26 9	3 0	3 8	3 42	17 32	3 34	11 7	2 27	4 10	1 2	21 45	1 29	12 32	0 47	14 35	1 44	20 49	11 32	16 48	17 9	4 50	5 20	3 36					
S 3	6 51	23 49	2 1	3 33	3 41	17 28	3 28	11 9	2 27	4 5	1 2	21 45	1 29	12 33	0 47	14 35	1 44	20 48	11 32	16 47	17 10	4 47	5 19	3 36					
S 4	6 28	20 28	0 58	4 0	3 38	17 24	3 22	11 11	2 27	3 59	1 2	21 45	1 29	12 34	0 47	14 36	1 44	20 48	11 32	16 47	17 10	4 43	5 17	3 36					
M 5	6 4	16 18	0n 7	4 28	3 32	17 19	3 15	11 12	2 27	3 53	1 2	21 45	1 29	12 35	0 47	14 36	1 44	20 47	11 32	16 47	17 11	4 40	5 15	3 36					
T 6	5 41	11 33	1 11	4 58	3 25	17 14	3 9	11 13	2 27	3 48	1 2	21 45	1 29	12 36	0 47	14 37	1 44	20 47	11 32	16 47	17 12	4 37	5 13	3 36					
W 7	5 18	6 24	2 12	5 27	3 16	17 9	3 3	11 14	2 28	3 42	1 2	21 45	1 29	12 36	0 47	14 37	1 44	20 46	11 32	16 48	17 13	4 34	5 11	3 36					
T 8	4 55	1 2	3 7	5 57	3 5	17 3	2 56	11 15	2 28	3 36	1 2	21 45	1 29	12 37	0 47	14 37	1 44	20 46	11 33	16 49	17 14	4 30	5 9	3 35					
F 9	4 31	4n23	3 54	6 25	2 54	16 56	2 50	11 16	2 28	3 30	1 2	21 45	1 29	12 38	0 47	14 38	1 44	20 45	11 33	16 51	17 15	4 27	5 7	3 35					
S 10	4 8	9 40	4 31	6 52	2 41	16 49	2 44	11 16	2 28	3 25	1 3	21 45	1 29	12 39	0 47	14 38	1 44	20 45	11 33	16 53	17 16	4 24	5 5	3 35					
S 11	3 44	14 38	4 57	7 18	2 27	16 42	2 37	11 16	2 28	3 19	1 3	21 45	1 30	12 40	0 47	14 39	1 44	20 44	11 33	16 55	17 17	4 21	5 3	3 35					
M12	3 20	19 5	5 9	7 42	2 13	16 34	2 31	11 16	2 28	3 13	1 3	21 45	1 30	12 41	0 47	14 39	1 44	20 44	11 33	16 57	17 17	4 17	5 1	3 35					
T 13	2 57	22 48	5 7	8 3	1 59	16 26	2 25	11 16	2 27	3 8	1 3	21 45	1 30	12 41	0 47	14 40	1 44	20 43	11 33	16 58	17 18	4 14	4 59	3 34					
W14	2 33	25 31	4 51	8 23	1 44	16 17	2 19	11 16	2 27	3 2	1 3	21 45	1 30	12 42	0 47	14 40	1 44	20 43	11 33	16 59	17 19	4 11	4 57	3 34					
T 15	2 9	27 0	4 20	8 40	1 30	16 8	2 13	11 15	2 27	2 56	1 3	21 45	1 30	12 43	0 47	14 41	1 44	20 42	11 33	17 0	17 20	4 8	4 55	3 34					
F 16	1 46	27 0	3 34	8 55	1 15	15 58	2 7	11 14	2 27	2 50	1 3	21 45	1 30	12 44	0 47	14 41	1 43	20 42	11 34	17 0	17 21	4 4	4 53	3 34					
S 17	1 22	25 26	3 36	9 8	1 1	15 48	2 1	11 13	2 27	2 45	1 3	21 45	1 30	12 44	0 47	14 42	1 43	20 41	11 34	17 0	17 22	4 1	4 51	3 33					
S 18	0 58	22 16	1 27	9 18	0 47	15 38	1 54	11 12	2 26	2 39	1 3	21 45	1 30	12 45	0 47	14 42	1 43	20 41	11 34	16 59	17 23	3 58	4 49	3 33					
M19	0 35	17 39	0 10	9 26	0 33	15 27	1 48	11 10	2 26	2 33	1 3	21 45	1 30	12 46	0 47	14 43	1 43	20 40	11 34	16 59	17 24	3 55	4 47	3 33					
T 20	0 11	11 53	1s 9	9 31	0 19	15 15	1 43	11 8	2 26	2 27	1 3	21 45	1 30	12 47	0 47	14 43	1 43	20 40	11 34	16 59	17 24	3 51	4 45	3 32					
W21	0n13	5 19	2 25	9 35	0 6	15 3	1 37	11 6	2 25	2 22	1 3	21 45	1 30	12 47	0 47	14 44	1 43	20 40	11 34	17 0	17 25	3 48	4 42	3 32					
T 22	0 37	1s37	3 31	9 36	0s 6	14 51	1 31	11 4	2 25	2 16	1 3	21 45	1 31	12 48	0 47	14 45	1 43	20 39	11 34	17 1	17 26	3 45	4 40	3 32					
F 23	1 0	8 26	4 23	9 35	0 19	14 38	1 25	11 2	2 24	2 10	1 3	21 45	1 31	12 49	0 47	14 45	1 43	20 39	11 35	17 3	17 27	3 42	4 38	3 32					
S 24	1 24	14 41	4 55	9 32	0 30	14 24	1 19	10 59	2 24	2 4	1 3	21 45	1 31	12 49	0 47	14 46	1 43	20 38	11 35	17 6	17 28	3 39	4 36	3 31					
S 25	1 47	19 57	5 7	9 27	0 41	14 11	1 13	10 57	2 23	1 59	1 3	21 45	1 31	12 50	0 47	14 46	1 43	20 38	11 35	17 8	17 29	3 35	4 34	3 31					
M26	2 11	23 53	4 59	9 20	0 52	13 56	1 8	10 54	2 23	1 53	1 3	21 45	1 31	12 51	0 47	14 47	1 43	20 38	11 35	17 10	17 30	3 32	4 31	3 31					
T 27	2 35	26 18	4 34	9 11	1 2	13 42	1 2	10 50	2 22	1 47	1 3	21 45	1 31	12 51	0 47	14 47	1 43	20 37	11 35	17 11	17 31	3 29	4 29	3 30					
W28	2 58	27 7	3 55	9 0	1 12	13 27	0 57	10 47	2 21	1 42	1 3	21 45	1 31	12 52	0 47	14 48	1 43	20 37	11 36	17 12	17 31	3 26	4 27	3 30					
T 29	3 21	26 25	3 5	8 48	1 21	13 11	0 51	10 43	2 20	1 36	1 3	21 45	1 31	12 53	0 47	14 48	1 43	20 36	11 36	17 13	17 32	3 22	4 25	3 29					
F 30	3 45	24 23	2 7	8 34	1 29	12 55	0 46	10 39	2 19	1 30	1 3	21 45	1 31	12 53	0 47	14 49	1 43	20 36	11 36	17 13	17 33	3 19	4 23	3 29					
S 31	4n 8	21s16	1s 5	8s18	1s37	12s39	0n41	10s35	2n18	1s25	1s 3	21s44	1n31	12n54	0n47	14n50	1s43	20s36	11s36	17s12	17s34	3s16	4s20	3s29					

ASTRODIENST EPHEMERIS for the year 2046

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MAY 2046

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 36 23	10°38'48"28	13°45'	0°18'19	29°48'27	23°R 3	6°V 3	22°R33	27°R30	16°B33	5°H10	9°R 7	8°s59	18°H21	0°R50	T 1
W 2	14 40 20	11°46'44	25°34'	2°19'	0°V36	22°A43	6°16'	22°A30	27°B30	16°36'	5°11'	9°s 1	8°56'	18°28'	0°A47	W 2
T 3	14 44 16	12°44'59	7°V30	4°20'	1°46'	22°23'	6°29'	22°27'	27°29'	16°38'	5°12'	8°52'	8°53'	18°35'	0°45'	T 3
F 4	14 48 13	13°43'12	19°33'	6°23'	2°55'	22° 4	6°42'	22°24'	27°29'	16°40'	5°13'	8°41'	8°50'	18°41'	0°42'	F 4
S 5	14 52 9	14°41'23	1°B48	8°27'	4° 4	21°46'	6°55'	22°21'	27°D29	16°42'	5°14'	8°28'	8°47'	18°48'	0°39'	S 5
S 6	14 56 6	15°39'33	14°15'	10°32'	5°14'	21°28'	7° 8	22°18'	27°29'	16°45'	5°14'	8°15'	8°44'	18°55'	0°37'	S 6
M 7	15 0 2	16°37'41	26°53'	12°39'	6°23'	21°11'	7°21'	22°15'	27°29'	16°47'	5°15'	8° 2	8°40'	19° 1	0°35'	M 7
T 8	15 3 59	17°35'48	9°II44	14°47'	7°33'	20°55'	7°34'	22°12'	27°30'	16°49'	5°16'	7°50'	8°37'	19° 8	0°32'	T 8
W 9	15 7 55	18°33'53	22°46'	16°56'	8°42'	20°39'	7°46'	22° 8	27°30'	16°51'	5°17'	7°41'	8°34'	19°15'	0°30'	W 9
T 10	15 11 52	19°31'56	5°S59	19° 6	9°52'	20°24'	7°59'	22° 5	27°30'	16°54'	5°17'	7°35'	8°31'	19°21'	0°28'	T 10
F 11	15 15 49	20°29'57	19°23'	21°16'	11° 2	20°10'	8°11'	22° 2	27°30'	16°56'	5°18'	7°32'	8°28'	19°28'	0°26'	F 11
S 12	15 19 45	21°27'56	2°Q59	23°27'	12°11'	19°56'	8°24'	21°58'	27°31'	16°58'	5°18'	7°D31	8°25'	19°35'	0°25'	S 12
S 13	15 23 42	22°25'53	16°48'	25°38'	13°21'	19°44'	8°36'	21°55'	27°31'	17° 1	5°19'	7°R31	8°21'	19°41'	0°23'	S 13
M14	15 27 38	23°23'49	0°II49	27°48'	14°31'	19°32'	8°49'	21°51'	27°32'	17° 3	5°20'	7°31'	8°18'	19°48'	0°21'	M14
T 15	15 31 35	24°21'42	15° 2	29°58'	15°41'	19°20'	9° 1	21°48'	27°32'	17° 5	5°20'	7°30'	8°15'	19°55'	0°20'	T 15
W16	15 35 31	25°19'34	29°26'	2°II 8	16°51'	19°10'	9°13'	21°44'	27°33'	17° 7	5°21'	7°26'	8°12'	20° 2	0°18'	W16
T 17	15 39 28	26°17'24	13°A58	4°16'	18° 1	19° 0	9°25'	21°40'	27°33'	17° 9	5°21'	7°20'	8° 9	20° 8	0°17'	T 17
F 18	15 43 24	27°15'12	28°33'	6°23'	19°11'	18°51'	9°37'	21°36'	27°34'	17°12'	5°22'	7°11'	8° 5	20°15'	0°16'	F 18
S 19	15 47 21	28°12'59	13°II 3	8°28'	20°22'	18°43'	9°49'	21°32'	27°35'	17°14'	5°22'	7° 1	8° 2	20°22'	0°15'	S 19
S 20	15 51 18	29°10'45	27°23'	10°32'	21°32'	18°36'	10° 1	21°29'	27°36'	17°16'	5°22'	6°51'	7°59'	20°28'	0°14'	S 20
M21	15 55 14	0°II 8'29	11°A26	12°34'	22°42'	18°29'	10°13'	21°25'	27°36'	17°18'	5°23'	6°41'	7°56'	20°35'	0°13'	M21
T 22	15 59 11	1° 6'11	25° 7	14°33'	23°52'	18°24'	10°24'	21°21'	27°37'	17°21'	5°23'	6°33'	7°53'	20°42'	0°12'	T 22
W23	16 3 7	2° 3'53	8°S25	16°30'	25° 3	18°19'	10°36'	21°17'	27°38'	17°23'	5°23'	6°28'	7°50'	20°48'	0°12'	W23
T 24	16 7 4	3° 1'33	21°19	18°24'	26°13'	18°15'	10°47'	21°13'	27°39'	17°25'	5°24'	6°25'	7°46'	20°55'	0°11'	T 24
F 25	16 11 0	3°59'13	3°s51	20°16'	27°24'	18°11'	10°59'	21° 8	27°40'	17°27'	5°24'	6°D23	7°43'	21° 2	0°11'	F 25
S 26	16 14 57	4°56'51	16° 6	22° 5	28°34'	18° 9	11°10'	21° 4	27°41'	17°29'	5°24'	6°24'	7°40'	21° 8	0°10'	S 26
S 27	16 18 53	5°54'28	28° 7	23°52'	29°45'	18° 7	11°21'	21° 0	27°43'	17°32'	5°25'	6°24'	7°37'	21°15'	0°10'	S 27
M28	16 22 50	6°52'04	10°H 0	25°35'	0°B56	18° 6	11°33'	20°56'	27°44'	17°34'	5°25'	6°R25	7°34'	21°22'	0°D10	M28
T 29	16 26 47	7°49'40	21°50	27°16'	2° 6	18°D 6	11°44'	20°52'	27°45'	17°36'	5°25'	6°23'	7°31'	21°28'	0°10'	T 29
W30	16 30 43	8°47'14	3°V42	28°53'	3°17	18° 7	11°55'	20°47'	27°46'	17°38'	5°25'	6°20'	7°27'	21°35'	0°10'	W30
T 31	16 34 40	9°II44'48	15°V41	0°S28	4°B28	18°A 8	12°V 5	20°A43	27°Q48	17°B40	5°H25	6°s15	7°s24	21°H42	0°A10	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	15n 4	3s45	2n52	10n12	1s28	1s29	1s23	7s43	1n20	1n24	1s 6	21s40	1n33	13n 3	0n46	15n 9
W 2	15 22	1n35	3 39	11 1	1 20	1 4	1 26	7 38	1 17	1 29	1 6	21 40	1 34	13 3	0 46	15 10
T 3	15 40	6 54	4 17	11 51	1 11	0 39	1 28	7 34	1 14	1 34	1 6	21 40	1 34	13 3	0 46	15 10
F 4	15 57	12 1	4 44	12 40	1 2	0 14	1 31	7 29	1 12	1 39	1 6	21 40	1 34	13 3	0 46	15 11
S 5	16 15	16 45	4 58	13 29	0 53	0n12	1 33	7 25	1 9	1 44	1 6	21 39	1 34	13 3	0 46	15 12
S 6	16 32	20 51	4 58	14 18	0 43	0 37	1 35	7 21	1 6	1 49	1 7	21 39	1 34	13 3	0 46	15 12
M 7	16 48	24 4	4 44	15 6	0 33	1 3	1 37	7 17	1 4	1 54	1 7	21 39	1 34	13 3	0 46	15 13
T 8	17 5	26 7	4 16	15 54	0 23	1 29	1 39	7 13	1 1	1 59	1 7	21 39	1 34	13 3	0 46	15 14
W 9	17 21	26 47	3 33	16 41	0 13	1 54	1 41	7 10	0 59	2 3	1 7	21 39	1 34	13 3	0 46	15 14
T 10	17 37	25 56	2 39	17 28	0 2	2 20	1 43	7 6	0 56	2 8	1 7	21 38	1 34	13 3	0 45	15 15
F 11	17 52	23 36	1 34	18 13	0n 9	2 46	1 44	7 3	0 53	2 13	1 7	21 38	1 34	13 3	0 45	15 15
S 12	18 8	19 53	0 24	18 56	0 19	3 12	1 46	7 1	0 51	2 18	1 7	21 38	1 34	13 3	0 45	15 16
S 13	18 22	15 1	0s49	19 38	0 29	3 37	1 47	6 58	0 48	2 23	1 8	21 38	1 34	13 3	0 45	15 17
M14	18 37	9 19	2 0	20 19	0 40	4 3	1 48	6 56	0 45	2 27	1 8	21 37	1 34	13 2	0 45	15 17
T 15	18 51	3 3	3 5	20 57	0 50	4 29	1 50	6 54	0 43	2 32	1 8	21 37	1 34	13 2	0 45	15 18
W16	19 5	3s26	3 59	21 33	1 0	4 55	1 51	6 53	0 40	2 37	1 8	21 37	1 34	13 2	0 45	15 19
T 17	19 19	9 46	4 38	22 7	1 9	5 20	1 52	6 52	0 38	2 41	1 8	21 37	1 34	13 2	0 45	15 19
F 18	19 33	15 36	4 59	22 39	1 18	5 46	1 53	6 51	0 35	2 46	1 8	21 36	1 34	13 1	0 45	15 20
S 19	19 46	20 31	5 0	23 8	1 26	6 12	1 54	6 50	0 33	2 50	1 8	21 36	1 34	13 1	0 45	15 20
S 20	19 58	24 10	4 43	23 34	1 34	6 37	1 55	6 49	0 30	2 55	1 9	21 36	1 34	13 1	0 45	15 21
M21	20 11	26 15	4 9	23 58	1 41	7 3	1 55	6 49	0 28	2 59	1 9	21 36	1 34	13 0	0 45	15 22
T 22	20 23	26 42	3 21	24 19	1 48	7 28	1 56	6 49	0 25	3 4	1 9	21 35	1 34	13 0	0 45	15 22
W23	20 34	25 33	2 23	24 38	1 53	7 53	1 56	6 50	0 23	3 8	1 9	21 35	1 34	13 0	0 45	15 23
T 24	20 46	23 3	1 20	24 54	1 59	8 18	1 57	6 50	0 20	3 12	1 9	21 35	1 34	12 59	0 45	15 23
F 25	20 56	19 30	0 14	25 7	2 3	8 43	1 57	6 51	0 18	3 17	1 9	21 35	1 34	12 59	0 45	15 24
S 26	21 7	15 11	0n52	25 18	2 6	9 8	1 57	6 52	0 16	3 21	1 10	21 34	1 34	12 59	0 45	15 25
S 27	21 17	10 21	1 53	25 27	2 9	9 33	1 57	6 54	0 13	3 25	1 10	21 34	1 34	12 58	0 45	15 25
M28	21 27	5 12	2 50	25 33	2 11	9 58	1 57	6 56	0 11	3 29	1 10	21 34	1 34	12 58	0 45	15 26
T 29	21 37	0n 6	3 38	25 37	2 12	10 22	1 57	6 58	0 9	3 34	1 10	21 34	1 34	12 57	0 45	15 26
W30	21 46	5 25	4 18	25 38	2 13	10 46	1 57	7 0	0 7	3 38	1 10	21 33	1 34	12 57	0 45	15 27
T 31	21n54	10n34	4n46	25n38	2n12	11n10	1s57	7s 3	0n 5	3n42	1s11	21s33	1n34	12n56	0n45	15n28

Julian Day Number = 2468466.5, Delta T = 73.53 sec
 Ecliptic obliquity = 23°26'06, Nutation = 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 25°23'15, Lahiri = 24°30'16

ASTRODIENST EPHEMERIS for the year 2046
geocentric

JUNE 2046

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 38 36	10 ^{II} 42'20	27 ^{VI} 51	19 ^{VI} 59	5 ^{III} 39	18 ^{II} 11	12 ^{VI} 16	20 ^R 39	27 ^{II} 49	17 ^{II} 42	5 ^{II} 25	6 ^R 8	7 ^{II} 21	21 ^{II} 48	0 ^{II} 11	F 1
S 2	16 42 33	11°39'52	10 ^{II} 14	3°28	6°50	18°14	12°27	20 ^{II} 34	27°51	17°44	5°26	5 ^{II} 59	7°18	21°55	0°11	S 2
S 3	16 46 29	12°37'23	22°53	4°53	8° 1	18°17	12°37	20°30	27°52	17°46	5°26	5°49	7°15	22° 2	0°12	S 3
M 4	16 50 26	13°34'53	5 ^{II} 47	6°16	9°12	18°22	12°48	20°26	27°54	17°49	5°26	5°40	7°11	22° 8	0°13	M 4
T 5	16 54 22	14°32'22	18°57	7°35	10°23	18°27	12°58	20°21	27°55	17°51	5°R26	5°32	7° 8	22°15	0°14	T 5
W 6	16 58 19	15°29'50	2 ^{II} 21	8°51	11°34	18°33	13° 8	20°17	27°57	17°53	5°26	5°26	7° 5	22°22	0°14	W 6
T 7	17 2 16	16°27'18	15°58	10° 3	12°45	18°39	13°18	20°12	27°59	17°55	5°26	5°22	7° 2	22°29	0°16	T 7
F 8	17 6 12	17°24'44	29°44	11°13	13°56	18°47	13°28	20° 8	28° 0	17°57	5°26	5°D21	6°59	22°35	0°17	F 8
S 9	17 10 9	18°22'09	13 ^{II} 39	12°19	15° 7	18°55	13°38	20° 4	28° 2	17°59	5°25	5°21	6°56	22°42	0°18	S 9
S 10	17 14 5	19°19'33	27°40	13°21	16°18	19° 4	13°48	19°59	28° 4	18° 1	5°25	5°22	6°52	22°49	0°19	S 10
M 11	17 18 2	20°16'55	11 ^{II} 46	14°20	17°30	19°13	13°58	19°55	28° 6	18° 3	5°25	5°23	6°49	22°55	0°21	M 11
T 12	17 21 58	21°14'17	25°57	15°15	18°41	19°23	14° 7	19°50	28° 8	18° 5	5°25	5°R23	6°46	23° 2	0°23	T 12
W 13	17 25 55	22°11'37	10 ^{II} 10	16° 7	19°52	19°34	14°16	19°46	28°10	18° 7	5°25	5°22	6°43	23° 9	0°24	W 13
T 14	17 29 51	23° 8'57	24°22	16°55	21° 4	19°45	14°26	19°41	28°12	18° 9	5°25	5°19	6°40	23°15	0°26	T 14
F 15	17 33 48	24° 6'15	8 ^{II} 32	17°39	22°15	19°57	14°35	19°37	28°14	18°10	5°24	5°14	6°37	23°22	0°28	F 15
S 16	17 37 45	25° 3'33	22°35	18°19	23°26	20°10	14°44	19°33	28°16	18°12	5°24	5° 8	6°33	23°29	0°30	S 16
S 17	17 41 41	26° 0'50	6 ^{II} 28	18°55	24°38	20°23	14°53	19°28	28°18	18°14	5°24	5° 2	6°30	23°35	0°32	S 17
M 18	17 45 38	26°58'07	20° 7	19°27	25°49	20°37	15° 2	19°24	28°20	18°16	5°24	4°56	6°27	23°42	0°35	M 18
T 19	17 49 34	27°55'22	3 ^{II} 29	19°55	27° 1	20°51	15°10	19°19	28°23	18°18	5°23	4°51	6°24	23°49	0°37	T 19
W 20	17 53 31	28°52'38	16°33	20°18	28°12	21° 6	15°19	19°15	28°25	18°20	5°23	4°48	6°21	23°55	0°40	W 20
T 21	17 57 27	29°49'53	29°18	20°37	29°24	21°21	15°27	19°11	28°27	18°22	5°23	4°D47	6°17	24° 2	0°42	T 21
F 22	18 1 24	0 ^{II} 47'07	11 ^{II} 46	20°51	0 ^{II} 36	21°37	15°35	19° 6	28°29	18°23	5°22	4°47	6°14	24° 9	0°45	F 22
S 23	18 5 21	1°44'21	23°58	21° 0	1°47	21°54	15°43	19° 2	28°32	18°25	5°22	4°48	6°11	24°16	0°48	S 23
S 24	18 9 17	2°41'35	6 ^{II} 0	21° 6	2°59	22°11	15°51	18°58	28°34	18°27	5°21	4°50	6° 8	24°22	0°51	S 24
M 25	18 13 14	3°38'49	17°54	21°R 6	4°11	22°28	15°59	18°54	28°37	18°29	5°21	4°51	6° 5	24°29	0°54	M 25
T 26	18 17 10	4°36'02	29°45	21° 2	5°22	22°46	16° 7	18°49	28°39	18°30	5°20	4°R52	6° 2	24°36	0°57	T 26
W 27	18 21 7	5°33'16	11 ^{II} 38	20°54	6°34	23° 5	16°14	18°45	28°42	18°32	5°20	4°52	5°58	24°42	1° 0	W 27
T 28	18 25 3	6°30'30	23°39	20°41	7°46	23°24	16°22	18°41	28°44	18°34	5°19	4°51	5°55	24°49	1° 4	T 28
F 29	18 29 0	7°27'43	5 ^{II} 51	20°24	8°58	23°43	16°29	18°37	28°47	18°35	5°19	4°49	5°52	24°56	1° 7	F 29
S 30	18 32 56	8° ^{II} 24'57	18 ^{II} 19	20° ^{II} 3	10 ^{II} 10	24° ^{II} 3	16° ^{VI} 36	18° ^{II} 33	28° ^{II} 50	18° ^{II} 37	5° ^{II} 18	4° ^{II} 45	5° ^{II} 49	25° ^{II} 2	1° ^{II} 11	S 30

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	22n 3	15n24	5n 2	25n36	2n11	11n34	1s57	7s 5	0n 2	3n46	1s11	21s33	1n34	12n56	0n45	15n28	1s42
S 2	22 11	19 42	5 5	25 32	2 9	11 58	1 56	7 8	0 0	3 50	1 11	21 33	1 34	12 55	0 45	15 29	1 42
S 3	22 18	23 12	4 52	25 27	2 6	12 21	1 56	7 12	0s 2	3 54	1 11	21 32	1 34	12 55	0 45	15 29	1 42
M 4	22 26	25 37	4 25	25 19	2 2	12 44	1 55	7 15	0 4	3 58	1 11	21 32	1 33	12 54	0 45	15 30	1 42
T 5	22 32	26 41	3 43	25 11	1 58	13 7	1 55	7 19	0 6	4 1	1 11	21 32	1 33	12 53	0 44	15 30	1 42
W 6	22 39	26 13	2 48	25 1	1 53	13 29	1 54	7 23	0 8	4 5	1 12	21 32	1 33	12 53	0 44	15 31	1 43
T 7	22 45	24 11	1 43	24 49	1 47	13 52	1 53	7 28	0 10	4 9	1 12	21 31	1 33	12 52	0 44	15 31	1 43
F 8	22 50	20 42	0 30	24 37	1 40	14 14	1 52	7 32	0 12	4 13	1 12	21 31	1 33	12 52	0 44	15 32	1 43
S 9	22 56	16 1	0s45	24 24	1 32	14 35	1 51	7 37	0 14	4 16	1 12	21 31	1 33	12 51	0 44	15 33	1 43
S 10	23 0	10 26	1 58	24 9	1 24	14 57	1 50	7 42	0 16	4 20	1 12	21 31	1 33	12 50	0 44	15 33	1 43
M 11	23 5	4 19	3 4	23 54	1 15	15 18	1 49	7 47	0 17	4 23	1 13	21 30	1 33	12 50	0 44	15 34	1 43
T 12	23 9	2s 3	3 59	23 38	1 5	15 39	1 48	7 53	0 19	4 27	1 13	21 30	1 33	12 49	0 44	15 34	1 43
W 13	23 12	8 19	4 40	23 22	0 55	15 59	1 47	7 59	0 21	4 30	1 13	21 30	1 33	12 48	0 44	15 35	1 43
T 14	23 15	14 9	5 4	23 5	0 44	16 19	1 46	8 5	0 23	4 34	1 13	21 30	1 33	12 47	0 44	15 35	1 43
F 15	23 18	19 13	5 9	22 48	0 32	16 39	1 44	8 11	0 25	4 37	1 14	21 29	1 33	12 47	0 44	15 36	1 43
S 16	23 21	23 10	4 55	22 30	0 19	16 58	1 43	8 17	0 26	4 40	1 14	21 29	1 33	12 46	0 44	15 36	1 43
S 17	23 24	25 44	4 24	22 12	0 6	17 17	1 41	8 23	0 28	4 43	1 14	21 29	1 33	12 45	0 44	15 37	1 43
M 18	23 28	26 42	3 39	21 54	0s 7	17 35	1 40	8 30	0 30	4 47	1 14	21 29	1 32	12 44	0 44	15 37	1 43
T 19	23 25	26 5	2 42	21 36	0 22	17 53	1 38	8 37	0 31	4 50	1 14	21 28	1 32	12 43	0 44	15 38	1 43
W 20	23 26	24 2	1 38	21 18	0 36	18 11	1 37	8 44	0 33	4 53	1 15	21 28	1 32	12 43	0 44	15 38	1 43
T 21	23 26	20 47	0 30	21 0	0 52	18 28	1 35	8 51	0 34	4 56	1 15	21 28	1 32	12 42	0 44	15 38	1 43
F 22	23 26	16 39	0n38	20 43	1 7	18 45	1 33	8 59	0 36	4 59	1 15	21 28	1 32	12 41	0 44	15 39	1 43
S 23	23 25	11 54	1 43	20 26	1 23	19 1	1 31	9 6	0 37	5 2	1 15	21 27	1 32	12 40	0 44	15 39	1 43
S 24	23 24	6 48	2 42	20 9	1 39	19 17	1 29	9 14	0 39	5 5	1 16	21 27	1 32	12 39	0 44	15 40	1 43
M 25	23 23	1 30	3 34	19 53	1 55	19 33	1 27	9 22	0 40	5 7	1 16	21 27	1 32	12 38	0 44	15 40	1 43
T 26	23 21	3n49	4 17	19 37	2 11	19 48	1 25	9 30	0 42	5 10	1 16	21 27	1 32	12 37	0 44	15 41	1 43
W 27	23 19	9 1	4 48	19 23	2 28	20 2	1 23	9 38	0 43	5 13	1 16	21 26	1 31	12 37	0 44	15 41	1 43
T 28	23 16	13 56	5 7	19 9	2 44	20 16	1 21	9 46	0 44	5 15	1 17	21 26	1 31	12 36	0 44	15 41	1 43
F 29	23 13	18 23	5 13	18 56	2 59	20 29	1 19	9 55	0 46	5 18	1 17	21 26	1 31	12 35	0 44	15 42	1 43
S 30	23n10	22n 9	5n 5	18n44	3s15	20n42	1s17	10s 4	0s47	5n20	1s17	21s26	1n31	12n34	0n44	15n42	1s43

Julian Day Number = 2468497.5, Delta T = 73.55 sec
Ecliptic obliquity = 23°26'05, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°23'19, Lahiri = 24°30'20

ASTRODIENST EPHEMERIS for the year 2046
geocentric

JULY 2046

00:00 UT

Day	Sid.t	☉	☾	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	18 36 53	9 ⁵² 22'11	1 ^{II} 5	19°R39	11 ^{II} 22	24 [♈] 24	16 [♉] 43	18°R29	28 [♊] 53	18 [♋] 38	5°R18	4°R41	5 [♌] 46	25 [♍] 9	1 [♎] 14	S 1
M 2	18 40 50	10°19'24	14°11	19 [♌] 11	12°34	24°45	16°50	18 [♍] 25	28°55	18°40	5 [♎] 17	4 [♏] 38	5°43	25°16	1°18	M 2
T 3	18 44 46	11°16'38	27°36	18°40	13°46	25° 6	16°57	18°21	28°58	18°42	5°16	4°34	5°39	25°22	1°22	T 3
W 4	18 48 43	12°13'52	11 [♏] 21	18° 7	14°58	25°28	17° 3	18°17	29° 1	18°43	5°16	4°32	5°36	25°29	1°26	W 4
T 5	18 52 39	13°11'06	25°21	17°32	16°10	25°50	17° 9	18°13	29° 4	18°45	5°15	4°31	5°33	25°36	1°30	T 5
F 6	18 56 36	14° 8'20	9 [♐] 33	16°55	17°22	26°13	17°16	18°10	29° 7	18°46	5°14	4°D31	5°30	25°43	1°34	F 6
S 7	19 0 32	15° 5'33	23°53	16°18	18°35	26°36	17°22	18° 6	29°10	18°48	5°14	4°31	5°27	25°49	1°38	S 7
S 8	19 4 29	16° 2'46	8 [♑] 17	15°41	19°47	26°59	17°27	18° 2	29°12	18°49	5°13	4°33	5°23	25°56	1°43	S 8
M 9	19 8 25	16°59'59	22°40	15° 4	20°59	27°23	17°33	17°59	29°15	18°50	5°12	4°34	5°20	26° 3	1°47	M 9
T 10	19 12 22	17°57'12	6 [♒] 58	14°28	22°11	27°47	17°39	17°55	29°18	18°52	5°11	4°35	5°17	26° 9	1°52	T 10
W11	19 16 19	18°54'25	21°10	13°54	23°24	28°12	17°44	17°52	29°22	18°53	5°11	4°R35	5°14	26°16	1°56	W11
T 12	19 20 15	19°51'37	5 [♓] 13	13°23	24°36	28°37	17°49	17°48	29°25	18°54	5°10	4°34	5°11	26°23	2° 1	T 12
F 13	19 24 12	20°48'50	19° 5	12°54	25°48	29° 2	17°54	17°45	29°28	18°56	5° 9	4°33	5° 8	26°29	2° 6	F 13
S 14	19 28 8	21°46'03	2 [♈] 44	12°29	27° 1	29°28	17°59	17°42	29°31	18°57	5° 8	4°32	5° 4	26°36	2°11	S 14
S 15	19 32 5	22°43'15	16°11	12° 8	28°13	29°54	18° 4	17°38	29°34	18°58	5° 7	4°30	5° 1	26°43	2°16	S 15
M16	19 36 1	23°40'28	29°25	11°51	29°26	0 [♉] 21	18° 8	17°35	29°37	18°59	5° 6	4°29	4°58	26°49	2°21	M16
T 17	19 39 58	24°37'41	12 [♊] 24	11°39	0 [♊] 38	0°47	18°12	17°32	29°40	19° 0	5° 6	4°28	4°55	26°56	2°26	T 17
W18	19 43 54	25°34'54	25° 8	11°32	1°51	1°15	18°16	17°29	29°44	19° 2	5° 5	4°27	4°52	27° 3	2°31	W18
T 19	19 47 51	26°32'08	7 [♋] 39	11°D31	3° 3	1°42	18°20	17°26	29°47	19° 3	5° 4	4°D27	4°49	27°10	2°36	T 19
F 20	19 51 48	27°29'22	19°57	11°34	4°16	2°10	18°24	17°23	29°50	19° 4	5° 3	4°27	4°45	27°16	2°42	F 20
S 21	19 55 44	28°26'37	2 [♌] 4	11°44	5°29	2°38	18°28	17°20	29°54	19° 5	5° 2	4°28	4°42	27°23	2°47	S 21
S 22	19 59 41	29°23'52	14° 3	11°59	6°41	3° 6	18°31	17°18	29°57	19° 6	5° 1	4°28	4°39	27°30	2°53	S 22
M23	20 3 37	0 [♌] 21'08	25°56	12°19	7°54	3°35	18°34	17°15	0 [♍] 0	19° 7	5° 0	4°29	4°36	27°36	2°59	M23
T 24	20 7 34	1°18'24	7 [♎] 47	12°46	9° 7	4° 4	18°37	17°12	0° 4	19° 8	4°59	4°29	4°33	27°43	3° 4	T 24
W25	20 11 30	2°15'42	19°40	13°18	10°20	4°33	18°40	17°10	0° 7	19° 9	4°58	4°30	4°29	27°50	3°10	W25
T 26	20 15 27	3°13'00	1 [♏] 40	13°56	11°32	5° 3	18°43	17° 8	0°10	19°10	4°57	4°R30	4°26	27°56	3°16	T 26
F 27	20 19 23	4°10'20	13°52	14°40	12°45	5°32	18°45	17° 5	0°14	19°11	4°56	4°D30	4°23	28° 3	3°22	F 27
S 28	20 23 20	5° 7'40	26°19	15°29	13°58	6° 2	18°48	17° 3	0°17	19°11	4°55	4°30	4°20	28°10	3°28	S 28
S 29	20 27 17	6° 5'01	9 [♐] 5	16°25	15°11	6°33	18°50	17° 1	0°21	19°12	4°53	4°30	4°17	28°16	3°34	S 29
M30	20 31 13	7° 2'23	22°14	17°25	16°24	7° 4	18°52	16°59	0°24	19°13	4°52	4°30	4°14	28°23	3°40	M30
T 31	20 35 10	7 [♑] 59'47	5 [♑] 47	18 [♑] 31	17 [♑] 37	7 [♒] 34	18 [♒] 54	16 [♒] 57	0 [♓] 28	19 [♓] 14	4 [♓] 51	4 [♓] 30	4 [♓] 10	28 [♓] 30	3 [♓] 47	T 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 6	24n57	4n41	18n33	3s29	20n54	1s15	10s12	0s48	5n23	1s17	21s25	1n31	12n33	0n44	15n43	1s43	20s46	12s 5	19s 5	18s50	1n40	2s51	2s34
M 2	23 2	26 30	4 2	18 23	3 43	21 6	1 13	10 21	0 50	5 25	1 18	21 25	1 31	12 32	0 44	15 43	1 43	20 46	12 5	19 6	18 50	1 43	2 52	2 34
T 3	22 57	26 34	3 9	18 14	3 56	21 17	1 10	10 30	0 51	5 27	1 18	21 25	1 31	12 31	0 44	15 43	1 43	20 47	12 5	19 7	18 51	1 46	2 53	2 33
W 4	22 52	25 1	2 4	18 7	4 8	21 28	1 8	10 39	0 52	5 30	1 18	21 25	1 31	12 30	0 44	15 44	1 44	20 47	12 5	19 7	18 52	1 49	2 54	2 32
T 5	22 47	21 53	0 50	18 1	4 19	21 38	1 6	10 49	0 53	5 32	1 18	21 25	1 30	12 29	0 44	15 44	1 44	20 48	12 6	19 8	18 53	1 53	2 55	2 32
F 6	22 41	17 25	0s28	17 56	4 28	21 47	1 3	10 58	0 55	5 34	1 19	21 24	1 30	12 28	0 44	15 45	1 44	20 48	12 6	19 8	18 54	1 56	2 56	2 31
S 7	22 35	11 54	1 45	17 52	4 36	21 56	1 1	11 7	0 56	5 36	1 19	21 24	1 30	12 27	0 44	15 45	1 44	20 49	12 6	19 8	18 54	1 59	2 57	2 31
S 8	22 28	5 45	2 56	17 50	4 43	22 4	0 58	11 17	0 57	5 38	1 19	21 24	1 30	12 26	0 43	15 45	1 44	20 49	12 7	19 7	18 55	2 2	2 58	2 30
M 9	22 21	0s41	3 55	17 49	4 48	22 12	0 56	11 27	0 58	5 40	1 19	21 24	1 30	12 25	0 43	15 46	1 44	20 50	12 7	19 7	18 56	2 5	3 0	2 29
T 10	22 14	7 3	4 40	17 49	4 51	22 19	0 53	11 36	0 59	5 42	1 20	21 24	1 30	12 23	0 43	15 46	1 44	20 50	12 7	19 7	18 57	2 8	3 1	2 29
W11	22 6	13 0	5 7	17 51	4 53	22 25	0 51	11 46	1 0	5 44	1 20	21 24	1 30	12 22	0 43	15 46	1 44	20 51	12 7	19 7	18 57	2 12	3 2	2 28
T 12	21 58	18 13	5 16	17 54	4 53	22 31	0 48	11 56	1 1	5 45	1 20	21 23	1 29	12 21	0 43	15 47	1 44	20 52	12 8	19 7	18 58	2 15	3 4	2 28
F 13	21 49	22 23	5 6	17 58	4 51	22 36	0 46	12 6	1 2	5 47	1 20	21 23	1 29	12 20	0 43	15 47	1 44	20 52	12 8	19 7	18 59	2 18	3 5	2 27
S 14	21 41	25 15	4 39	18 4	4 48	22 41	0 43	12 16	1 3	5 49	1 21	21 23	1 29	12 19	0 43	15 47	1 44	20 53	12 8	19 8	19 0	2 21	3 6	2 27
S 15	21 31	26 38	3 56	18 10	4 44	22 45	0 41	12 26	1 4	5 50	1 21	21 23	1 29	12 18	0 43	15 47	1 44	20 53	12 8	19 8	19 0	2 24	3 8	2 26
M16	21 22	26 28	3 2	18 18	4 38	22 48	0 38	12 37	1 5	5 52	1 21	21 23	1 29	12 17	0 43	15 48	1 44	20 54	12 9	19 8	19 1	2 27	3 9	2 25
T 17	21 12	24 50	1 59	18 26	4 31	22 51	0 35	12 47	1 6	5 53	1 21	21 23	1 29	12 16	0 43	15 48	1 44	20 54	12 9	19 8	19 2	2 30	3 11	2 25
W18	21 1	21 57	0 51	18 35	4 22	22 53	0 33	12 57	1 7	5 54	1 22	21 23	1 28	12 14	0 43	15 48	1 44	20 55	12 9	19 9	19 3	2 34	3 13	2 24
T 19	20 51	18 4	0n18	18 45	4 12	22 54	0 30	13 8	1 8	5 56	1 22	21 23	1 28	12 13	0 43	15 48	1 44	20 55	12 9	19 9	19 4	2 37	3 14	2 24
F 20	20 40	13 29	1 25	18 55	4 2	22 55	0 27	13 18	1 9	5 57	1 22	21 23	1 28	12 12	0 43	15 49	1 44	20 56	12 10	19 9	19 4	2 40	3 16	2 23
S 21	20 28	8 27	2 27	19 6	3 50	22 55	0 25	13 29	1 10	5 58	1 23	21 22	1 28	12 11	0 43	15 49	1 44	20 57	12 10	19 8	19 5	2 43	3 17	2 23
S 22	20 16	3 10	3 22	19 17	3 38	22 54	0 22	13 39	1 11	5 59	1 23	21 22	1 28	12 10	0 43	15 49	1 44	20 57	12 10	19 8	19 6	2 46	3 19	2 22
M23	20 4	2n11	4 8	19 28	3 25	22 53	0 19	13 50	1 12	6 0	1 23	21 22	1 28	12 9	0 43	15 49	1 44	20 58	12 10	19 8	19 7	2 49	3 21	2 22
T 24	19 52	7 25	4 43	19 39	3 11	22 51	0 17	14 1	1 13	6 1	1 23	21 22	1 27	12 7	0 43	15 50	1 45	20 58	12 11	19 8	19 7	2 53	3 23	2 21
W25	19 39	12 25	5 7	19 50	2 57	22 48	0 14	14 11	1 14	6 2	1 24	21 22	1 27	12 6	0 43	15 50	1 45	20 59	12 11	19 8	19 8	2 56	3 25	2 21
T 26	19 26	17 0	5 17	20 1	2 43	22 45	0 11	14 22	1 14	6 2	1 24	21 22	1 27	12 5	0 43	15 50	1 45	21 0	12 11	19 8	19 9	2 59	3 26	2 20
F 27	19 13	20 58	5 13	20 11	2 28	22 41	0 9	14 33	1 15	6 3	1 24	21 22	1 27	12 4	0 43	15 50	1 45	21 0	12 11	19 8	19 10	3 2	3 28	2 20
S 28	18 59	24 6	4 55	20 20	2 13	22 36	0 6	14 44	1 16	6 4	1 24	21 22	1 27	12 2	0 43	15 50	1 45	21 1	12 11	19 8	19 10	3 5	3 30	2 19
S 29	18 45	26 7	4 21	20 29	1 58	22 31	0 3	14 55	1 17	6 4	1 25	21 22	1 26	12 1	0 43	15 50	1 45	21 1	12 12	19 8	19 11	3 8	3 32	2 19
M30	18 31	26 46	3 34	20 36	1 43	22 25	0 1	15 5	1 18	6 5	1 25	21 22	1 26	12 0	0 43	15 51	1 45	21 2	12 12	19 8	19 12	3 11	3 34	2 18
T 31	18n16	25n51	2n33	20n43	1s27	22n18	0n 2	15s16	1s18	6n 5	1s25	21s22	1n26	11n59	0n43	15n51	1s45	21s 3	12s12	19s 8	19s13	3n14	3s36	2s18

ASTRODIENST EPHEMERIS for the year 2046
geocentric

AUGUST 2046

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 39 6	8♂57°11	19♂43	19♂43	18♂50	8♂6	18♂55	16°R55	0♂31	19♂15	4°R50	4♂30	4♂7	28♂37	3♂53	W 1
T 2	20 43 3	9°54'36	4♂1	20°59	20° 3	8°37	18°56	16°53	0°35	19°15	4°49	4°R31	4° 4	28°43	3°59	T 2
F 3	20 46 59	10°52'02	18°36	22°21	21°17	9° 9	18°57	16°51	0°39	19°16	4°48	4°30	4° 1	28°50	4° 6	F 3
S 4	20 50 56	11°49'29	3♂22	23°47	22°30	9°41	18°58	16°50	0°42	19°16	4°47	4°30	3°58	28°57	4°12	S 4
S 5	20 54 52	12°46'57	18°11	25°19	23°43	10°13	18°59	16°48	0°46	19°17	4°46	4°29	3°55	29° 3	4°19	S 5
M 6	20 58 49	13°44'25	2♂57	26°54	24°56	10°45	19° 0	16°47	0°49	19°18	4°44	4°28	3°51	29°10	4°26	M 6
T 7	21 2 46	14°41'54	17°33	28°34	26°10	11°18	19° 0	16°45	0°53	19°18	4°43	4°27	3°48	29°17	4°32	T 7
W 8	21 6 42	15°39'24	1♂53	0♂17	27°23	11°51	19°R 0	16°44	0°57	19°19	4°42	4°26	3°45	29°23	4°39	W 8
T 9	21 10 39	16°36'54	15°56	2° 4	28°36	12°24	19° 0	16°43	1° 0	19°19	4°41	4°D26	3°42	29°30	4°46	T 9
F 10	21 14 35	17°34'26	29°40	3°54	29°50	12°58	19° 0	16°42	1° 4	19°20	4°40	4°26	3°39	29°37	4°53	F 10
S 11	21 18 32	18°31'58	13♂5	5°47	1♂3	13°31	18°59	16°41	1° 8	19°20	4°38	4°27	3°35	29°44	5° 0	S 11
S 12	21 22 28	19°29'31	26°13	7°42	2°16	14° 5	18°59	16°40	1°11	19°20	4°37	4°28	3°32	29°50	5° 7	S 12
M13	21 26 25	20°27'05	9♂5	9°39	3°30	14°39	18°58	16°39	1°15	19°21	4°36	4°30	3°29	29°57	5°14	M13
T 14	21 30 21	21°24'40	21°44	11°38	4°43	15°13	18°57	16°38	1°19	19°21	4°35	4°31	3°26	0°Y 4	5°22	T 14
W15	21 34 18	22°22'16	4♂10	13°38	5°57	15°48	18°56	16°38	1°22	19°21	4°33	4°R31	3°23	0°10	5°29	W15
T 16	21 38 15	23°19'53	16°25	15°39	7°11	16°22	18°54	16°37	1°26	19°21	4°32	4°31	3°20	0°17	5°36	T 16
F 17	21 42 11	24°17'31	28°32	17°41	8°24	16°57	18°52	16°37	1°30	19°22	4°31	4°29	3°16	0°24	5°43	F 17
S 18	21 46 8	25°15'11	10♂32	19°43	9°38	17°32	18°51	16°37	1°34	19°22	4°30	4°27	3°13	0°30	5°51	S 18
S 19	21 50 4	26°12'51	22°27	21°45	10°52	18° 8	18°49	16°36	1°37	19°22	4°28	4°24	3°10	0°37	5°58	S 19
M20	21 54 1	27°10'34	4°Y18	23°46	12° 5	18°43	18°46	16°36	1°41	19°22	4°27	4°20	3° 7	0°44	6° 0	M20
T 21	21 57 57	28° 8'17	16° 9	25°47	13°19	19°19	18°44	16°D36	1°45	19°22	4°26	4°16	3° 4	0°51	6°13	T 21
W22	22 1 54	29° 6'03	28° 3	27°48	14°33	19°55	18°41	16°36	1°49	19°22	4°25	4°13	3° 0	0°57	6°21	W22
T 23	22 5 50	0♂3'50	10♂8	2° 2	29°48	15°47	20°31	18°38	1°52	19°R22	4°23	4°10	2°57	1° 4	6°29	T 23
F 24	22 9 47	1° 1'39	22°11	1♂47	17° 1	21° 7	18°35	16°37	1°56	19°22	4°22	4° 9	2°54	1°11	6°36	F 24
S 25	22 13 44	1°59'29	4♂35	3°45	18°14	21°43	18°32	16°37	2° 0	19°22	4°21	4°D 8	2°51	1°17	6°44	S 25
S 26	22 17 40	2°57'21	17°17	5°41	19°28	22°20	18°29	16°38	2° 4	19°22	4°19	4° 9	2°48	1°24	6°52	S 26
M27	22 21 37	3°55'15	0♂22	7°37	20°42	22°56	18°25	16°38	2° 7	19°22	4°18	4°10	2°45	1°31	7° 0	M27
T 28	22 25 33	4°53'11	13°52	9°32	21°56	23°33	18°22	16°39	2°11	19°22	4°17	4°12	2°41	1°37	7° 8	T 28
W29	22 29 30	5°51'09	27°50	11°25	23°10	24°10	18°18	16°40	2°15	19°21	4°16	4°R13	2°38	1°44	7°16	W29
T 30	22 33 26	6°49'08	12♂13	13°17	24°25	24°48	18°14	16°40	2°19	19°21	4°14	4°13	2°35	1°51	7°24	T 30
F 31	22 37 23	7♂47'09	27♂0	15♂7	25♂39	25♂25	18°Y 9	16°41	2♂22	19♂21	4°13	4♂11	2♂32	1°Y58	7♂32	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	decl lat	decl lat	decl lat
W 1	18n 1	23n19	1n21	20n48	1s12	22n11	0n 4	15s27	1s19	6n 5	1s26	21s22	1n26	11n57	0n43	15n51
T 2	17 46	19 17	0 3	20 51	0 58	22 3	0 7	15 38	1 20	6 6	1 26	21 22	1 26	11 56	0 43	15 51
F 3	17 30	14 1	1s17	20 52	0 43	21 55	0 10	15 49	1 21	6 6	1 26	21 22	1 26	11 55	0 43	15 51
S 4	17 14	7 53	2 33	20 52	0 29	21 45	0 12	16 0	1 21	6 6	1 26	21 22	1 25	11 54	0 43	15 51
S 5	16 58	1 18	3 39	20 49	0 15	21 36	0 15	16 10	1 22	6 6	1 27	21 22	1 25	11 52	0 43	15 51
M 6	16 42	5s18	4 30	20 44	0 2	21 25	0 17	16 21	1 23	6 6	1 27	21 22	1 25	11 51	0 43	15 52
T 7	16 25	11 33	5 3	20 37	0n11	21 14	0 20	16 32	1 23	6 6	1 27	21 22	1 25	11 50	0 43	15 52
W 8	16 8	17 4	5 16	20 27	0 23	21 3	0 22	16 43	1 24	6 5	1 28	21 22	1 25	11 48	0 43	15 52
T 9	15 51	21 33	5 10	20 15	0 34	20 50	0 25	16 54	1 24	6 5	1 28	21 22	1 24	11 47	0 43	15 52
F 10	15 34	24 44	4 46	20 0	0 44	20 37	0 27	17 5	1 25	6 5	1 28	21 22	1 24	11 46	0 43	15 52
S 11	15 16	26 27	4 7	19 42	0 54	20 24	0 29	17 15	1 26	6 4	1 28	21 23	1 24	11 44	0 43	15 52
S 12	14 58	26 39	3 16	19 22	1 3	20 10	0 32	17 26	1 26	6 4	1 29	21 23	1 24	11 43	0 43	15 52
M13	14 40	25 23	2 16	18 59	1 11	19 55	0 34	17 37	1 27	6 3	1 29	21 23	1 24	11 42	0 43	15 52
T 14	14 22	22 50	1 10	18 33	1 18	19 40	0 36	17 47	1 27	6 3	1 29	21 23	1 23	11 40	0 43	15 52
W15	14 3	19 15	0 2	18 5	1 25	19 24	0 39	17 58	1 28	6 2	1 29	21 23	1 23	11 39	0 43	15 52
T 16	13 44	14 52	1n 5	17 35	1 30	18 8	0 41	18 9	1 28	6 1	1 30	21 23	1 23	11 38	0 43	15 52
F 17	13 25	9 58	2 9	17 2	1 35	18 51	0 43	18 19	1 29	6 0	1 30	21 23	1 23	11 37	0 43	15 52
S 18	13 6	4 45	3 6	16 28	1 39	18 34	0 45	18 30	1 29	5 59	1 30	21 24	1 23	11 35	0 43	15 52
S 19	12 47	0n35	3 54	15 52	1 42	18 16	0 47	18 40	1 30	5 58	1 30	21 24	1 22	11 34	0 43	15 52
M20	12 27	5 52	4 32	15 14	1 44	17 57	0 49	18 50	1 30	5 57	1 31	21 24	1 22	11 32	0 43	15 52
T 21	12 7	10 56	4 58	14 34	1 45	17 38	0 51	19 1	1 31	5 56	1 31	21 24	1 22	11 31	0 43	15 52
W22	11 47	15 37	5 12	13 53	1 46	17 19	0 53	19 11	1 31	5 55	1 31	21 24	1 22	11 30	0 43	15 52
T 23	11 27	19 45	5 12	13 11	1 46	16 59	0 55	19 21	1 32	5 54	1 32	21 25	1 22	11 28	0 43	15 52
F 24	11 6	23 7	4 58	12 28	1 45	16 38	0 57	19 31	1 32	5 52	1 32	21 25	1 21	11 27	0 43	15 52
S 25	10 46	25 29	4 31	11 45	1 44	16 17	0 59	19 41	1 33	5 51	1 32	21 25	1 21	11 26	0 43	15 52
S 26	10 25	26 38	3 49	11 0	1 42	15 56	1 0	19 51	1 33	5 49	1 32	21 25	1 21	11 24	0 43	15 52
M27	10 4	26 21	2 55	10 15	1 39	15 34	1 2	20 1	1 33	5 48	1 32	21 25	1 21	11 23	0 43	15 51
T 28	9 43	24 31	1 49	9 29	1 36	15 12	1 4	20 10	1 34	5 46	1 33	21 26	1 21	11 22	0 43	15 51
W29	9 22	21 10	0 35	8 43	1 33	14 49	1 5	20 20	1 34	5 44	1 33	21 26	1 20	11 20	0 43	15 51
T 30	9 0	16 26	0s44	7 56	1 29	14 26	1 7	20 30	1 35	5 43	1 33	21 26	1 20	11 19	0 43	15 51
F 31	8n39	10n37	2s 1	7n10	1n25	14n 2	1n 8	20s39	1s35	5n41	1s33	21s27	1n20	11n18	0n43	15n51

Julian Day Number = 2468558.5, Delta T = 73.60 sec
Ecliptic obliquity = 23°26'05, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°23'28, Lahiri = 24°30'28

ASTRODIENST EPHEMERIS for the year 2046
geocentric

SEPTEMBER 2046

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 41 19	8 ^h 45 ^m 12 ^s	12 ^h 2 ^m	16 ^h 57 ^m	26 ^h 53 ^m	26 ^h 18 ^m 3	18°R 5	16 ^h 42 ^m	2 ^h 26 ^m	19°R21	4°R12	4°R 8	2 ^h 29 ^m	2 ^h 4 ^m	7 ^h 40 ^m	S 1
S 2	22 45 16	9°43'16	27°13	18°45	28° 7	26°41	18°V 0	16°43	2°30	19°R20	4°R10	4°R 4	2°26	2°11	7°48	S 2
M 3	22 49 13	10°41'22	12 ^h 20 ^m	20°32	29°21	27°18	17°55	16°45	2°34	19°20	4° 9	3°58	2°22	2°18	7°56	M 3
T 4	22 53 9	11°39'29	27°16	22°18	0 ^h 35 ^m	27°57	17°50	16°46	2°37	19°20	4° 8	3°53	2°19	2°24	8° 4	T 4
W 5	22 57 6	12°37'38	11 ^h 52 ^m	24° 2	1°50	28°35	17°45	16°47	2°41	19°19	4° 7	3°49	2°16	2°31	8°12	W 5
T 6	23 1 2	13°35'48	26° 3	25°45	3° 4	29°13	17°40	16°49	2°45	19°19	4° 5	3°46	2°13	2°38	8°21	T 6
F 7	23 4 59	14°34'00	9 ^h 49 ^m	27°27	4°18	29°52	17°34	16°51	2°49	19°18	4° 4	3°D44	2°10	2°45	8°29	F 7
S 8	23 8 55	15°32'13	23°10	29° 8	5°32	0 ^h 31 ^m	17°29	16°52	2°52	19°18	4° 3	3°45	2° 6	2°51	8°37	S 8
S 9	23 12 52	16°30'27	6 ^h 38 ^m 8	0 ^h 48 ^m	6°47	1° 9	17°23	16°54	2°56	19°17	4° 2	3°46	2° 3	2°58	8°45	S 9
M10	23 16 48	17°28'43	18°48	2°26	8° 1	1°48	17°17	16°56	3° 0	19°17	4° 0	3°47	2° 0	3° 5	8°54	M10
T 11	23 20 45	18°27'01	1 ^h 12 ^m	4° 4	9°16	2°28	17°11	16°58	3° 3	19°16	3°59	3°R48	1°57	3°11	9° 2	T 11
W12	23 24 42	19°25'20	13°24	5°40	10°30	3° 7	17° 5	17° 0	3° 7	19°15	3°58	3°47	1°54	3°18	9°11	W12
T 13	23 28 38	20°23'41	25°28	7°15	11°44	3°46	16°59	17° 2	3°11	19°15	3°57	3°45	1°51	3°25	9°19	T 13
F 14	23 32 35	21°22'04	7 ^h 15 ^m 25	8°49	12°59	4°26	16°52	17° 5	3°14	19°14	3°55	3°40	1°47	3°31	9°28	F 14
S 15	23 36 31	22°20'28	19°19	10°22	14°13	5° 6	16°45	17° 7	3°18	19°13	3°54	3°34	1°44	3°38	9°36	S 15
S 16	23 40 28	23°18'54	1°V11	11°54	15°28	5°45	16°39	17° 9	3°21	19°12	3°53	3°25	1°41	3°45	9°45	S 16
M17	23 44 24	24°17'22	13° 2	13°25	16°43	6°25	16°32	17°12	3°25	19°12	3°52	3°15	1°38	3°52	9°53	M17
T 18	23 48 21	25°15'52	24°55	14°54	17°57	7° 6	16°25	17°15	3°28	19°11	3°51	3° 6	1°35	3°58	10° 2	T 18
W19	23 52 17	26°14'24	6 ^h 35 ^m 13	16°23	19°12	7°46	16°18	17°17	3°32	19°10	3°50	2°56	1°32	4° 5	10°10	W19
T 20	23 56 14	27°12'58	18°53	17°50	20°26	8°26	16°11	17°20	3°36	19° 9	3°48	2°48	1°28	4°12	10°19	T 20
F 21	0 0 11	28°11'34	1 ^h 11 ^m 3	19°16	21°41	9° 7	16° 3	17°23	3°39	19° 8	3°47	2°43	1°25	4°18	10°27	F 21
S 22	0 4 7	29°10'13	13°26	20°42	22°56	9°47	15°56	17°26	3°43	19° 7	3°46	2°39	1°22	4°25	10°36	S 22
S 23	0 8 4	0 ^h 48 ^m 8'54	26° 4	22° 6	24°10	10°28	15°49	17°29	3°46	19° 6	3°45	2°D38	1°19	4°32	10°45	S 23
M24	0 12 0	1° 7'37	9 ^h 28 ^m 2	23°29	25°25	11° 9	15°41	17°32	3°49	19° 5	3°44	2°38	1°16	4°39	10°53	M24
T 25	0 15 57	2° 6'22	22°24	24°50	26°40	11°50	15°34	17°36	3°53	19° 4	3°43	2°39	1°12	4°45	11° 2	T 25
W26	0 19 53	3° 5'10	6 ^h 42 ^m 13	26°11	27°55	12°31	15°26	17°39	3°56	19° 3	3°42	2°R39	1° 9	4°52	11°11	W26
T 27	0 23 50	4° 3'59	20°30	27°30	29° 9	13°12	15°18	17°42	4° 0	19° 2	3°41	2°37	1° 6	4°59	11°20	T 27
F 28	0 27 46	5° 2'51	5 ^h 13 ^m 13	28°48	0 ^h 24 ^m	13°54	15°10	17°46	4° 3	19° 1	3°39	2°34	1° 3	5° 5	11°28	F 28
S 29	0 31 43	6° 1'45	20°17	0 ^h 14 ^m 4	1°39	14°35	15° 2	17°49	4° 6	19° 0	3°38	2°28	1° 0	5°12	11°37	S 29
S 30	0 35 39	7 ^h 4 ^m 0'41	5 ^h 43 ^m 34	1 ^h 11 ^m 19	2 ^h 45 ^m 54	15 ^h 17 ^m 17	14°V55	17 ^h 53 ^m 53	4 ^h 10 ^m 10	18°R59	3°R37	2 ^h 19 ^m 19	0 ^h 15 ^m 57	5°V19	11 ^h 46 ^m 46	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
S 1	8n17	4n 5	3s12	6n23	1n20	13n39	1n10	20s48	1s35	5n39	1s34	21s27	1n20	11n16	0n43	15n51	1s47	21s20	12s15	19s13	19s36	4n54	4s56	2s 3	2s 3	2s 3	2s 3
S 2	7 55	2s42	4 9	5 36	1 15	13 14	1 11	20 58	1 36	5 37	1 34	21 27	1 20	11 15	0 43	15 51	1 47	21 21	12 15	19 14	19 37	4 57	4 58	2 3	2 3	2 3	
M 3	7 33	9 18	4 49	4 49	1 9	12 50	1 12	21 7	1 36	5 35	1 34	21 28	1 19	11 14	0 43	15 51	1 47	21 21	12 15	19 15	19 38	5 0	5 1	2 2	2 2	2 2	
T 4	7 11	15 17	5 8	4 2	1 4	12 25	1 14	21 16	1 36	5 33	1 34	21 28	1 19	11 12	0 43	15 50	1 47	21 22	12 15	19 17	19 38	5 3	5 4	2 2	2 2	2 2	
W 5	6 49	20 16	5 7	3 15	0 58	11 59	1 15	21 25	1 37	5 31	1 34	21 28	1 19	11 11	0 43	15 50	1 47	21 22	12 15	19 18	19 39	5 6	5 7	2 2	2 2	2 2	
T 6	6 27	23 55	4 47	2 29	0 52	11 34	1 16	21 33	1 37	5 28	1 35	21 29	1 19	11 10	0 43	15 50	1 47	21 23	12 15	19 18	19 40	5 9	5 10	2 1	2 1	2 1	
F 7	6 5	26 4	4 11	1 42	0 45	11 8	1 17	21 42	1 37	5 26	1 35	21 29	1 19	11 8	0 43	15 50	1 47	21 23	12 15	19 19	19 40	5 12	5 13	2 1	2 1	2 1	
S 8	5 42	26 38	3 22	0 56	0 39	10 41	1 18	21 50	1 37	5 24	1 35	21 29	1 18	11 7	0 43	15 50	1 47	21 24	12 15	19 19	19 41	5 15	5 16	2 1	2 1	2 1	
S 9	5 19	25 42	2 24	0 10	0 32	10 15	1 19	21 59	1 38	5 21	1 35	21 30	1 18	11 6	0 43	15 49	1 47	21 24	12 15	19 18	19 42	5 18	5 19	2 0	2 0	2 0	
M10	4 57	23 27	1 20	0s35	0 25	9 48	1 20	22 7	1 38	5 19	1 35	21 30	1 18	11 4	0 43	15 49	1 47	21 25	12 15	19 18	19 43	5 21	5 22	2 0	2 0	2 0	
T 11	4 34	20 7	0 14	1 21	0 18	9 21	1 21	22 15	1 38	5 17	1 36	21 30	1 18	11 3	0 43	15 49	1 47	21 25	12 15	19 18	19 43	5 25	5 25	1 59	1 59	1 59	
W12	4 11	15 58	0n52	2 5	0 11	8 53	1 22	22 23	1 38	5 14	1 36	21 31	1 18	11 2	0 43	15 49	1 47	21 26	12 15	19 18	19 44	5 28	5 28	1 59	1 59	1 59	
T 13	3 48	11 14	1 54	2 50	0 3	8 26	1 22	22 31	1 39	5 11	1 36	21 31	1 17	11 1	0 43	15 49	1 47	21 26	12 15	19 19	19 45	5 31	5 31	1 59	1 59	1 59	
F 14	3 25	6 8	2 51	3 34	0s 4	7 58	1 23	22 38	1 39	5 9	1 36	21 32	1 17	10 59	0 43	15 48	1 47	21 26	12 15	19 20	19 45	5 34	5 34	1 58	1 58	1 58	
S 15	3 2	0 51	3 40	4 17	0 12	7 29	1 23	22 46	1 39	5 6	1 36	21 32	1 17	10 58	0 43	15 48	1 48	21 27	12 15	19 21	19 46	5 37	5 37	1 58	1 58	1 58	
S 16	2 39	4n26	4 19	5 0	0 19	7 1	1 24	22 53	1 39	5 3	1 36	21 32	1 17	10 57	0 43	15 48	1 48	21 27	12 15	19 23	19 47	5 40	5 40	1 58	1 58	1 58	
M17	2 16	9 33	4 47	5 42	0 27	6 33	1 24	23 0	1 39	5 1	1 36	21 33	1 17	10 55	0 43	15 48	1 48	21 28	12 15	19 25	19 48	5 43	5 43	1 57	1 57	1 57	
T 18	1 53	14 20	5 2	6 24	0 35	6 4	1 25	23 7	1 39	4 58	1 37	21 33	1 16	10 54	0 43	15 47	1 48	21 28	12 15	19 28	19 48	5 46	5 46	1 57	1 57	1 57	
W19	1 30	18 36	5 5	7 6	0 43	5 35	1 25	23 14	1 40	4 55	1 37	21 34	1 16	10 53	0 43	15 47	1 48	21 28	12 15	19 30	19 49	5 49	5 49	1 57	1 57	1 57	
T 20	1 6	22 8	4 54	7 46	0 50	5 6	1 25	23 21	1 40	4 52	1 37	21 34	1 16	10 52	0 43	15 47	1 48	21 29	12 15	19 32	19 50	5 52	5 52	1 56	1 56	1 56	
F 21	0 43	24 45	4 29	8 26	0 58	4 36	1 26	23 27	1 40	4 49	1 37	21 35	1 16	10 50	0 43	15 47	1 48	21 29	12 15	19 33	19 50	5 55	5 55	1 56	1 56	1 56	
S 22	0 20	26 15	3 52	9 6	1 6	4 7	1 26	23 34	1 40	4 47	1 37	21 35	1 16	10 49	0 43	15 46	1 48	21 29	12 15	19 34	19 51	5 58	5 58	1 56	1 56	1 56	
S 23	0s 4	26 25	3 3	9 44	1 14	3 38	1 26	23 40	1 40	4 44	1 37	21 36	1 15	10 48	0 43	15 46	1 48	21 30	12 14	19 34	19 52	6 1	6 1	1 55	1 55	1 55	
M24	0 27	25 10	2 3	10 22	1 21	3 8	1 26	23 46	1 40	4 41	1 37	21 36	1 15	10 47	0 43	15 46	1 48	21 30	12 14	19 34	19 52	6 4	6 4	1 55	1 55	1 55	
T 25	0 50	22 28	0 55	11 0	1 29	2 38	1 26	23 51	1 40	4 38	1 37	21 37	1 15	10 45	0 43	15 45	1 48	21 30	12 14	19 34	19 53	6 7	6 7	1 55	1 55	1 55	
W26	1 14	18 24	0s19	11 36	1 36	2 8	1 25	23 57	1 40	4 35	1 37	21 37	1 15	10 44	0 43	15 45	1 48	21 31	12 14	19 34	19 54	6 10	6 11	1 54	1 54	1 54	
T 27	1 37	13 10	1 34	12 12	1 44	1 38	1 25	24 2	1 40	4 32	1 37	21 38	1 15	10 43	0 43	15 45	1 48	21 31	12 14	19 34	19 55	6 13	6 14	1 54	1 54	1 54	
F 28	2 0	7 3	2 44	12 47	1 51	1 8	1 25	24 7	1 40	4 28	1 38	21 38	1 15	10 42	0 43	15 44	1 48	21 31	12 14	19 35	19 56	6 16	6 17	1 54	1 54	1 54	
S 29	2 24	0 24	3 45	13 20	1 58	0 38	1 25	24 12	1 40	4 25	1 38	21 39	1 14	10 41	0 43	15 44	1 48	21 32	12 14	19 36	19 56	6 19	6 20	1 53	1 53	1 53	
S 30	2s47	6s21	4s31	13s53	2s 6	0n 8	1n24	24s17	1s40	4n22	1s38	21s39	1n14	10n39	0n43	15n44	1s48	21s32	12s14	19s38	19s57	6n22	6s23	1s53	1s53	1s53	

ASTRODIENST EPHEMERIS for the year 2046
geocentric

OCTOBER 2046

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 39 36	7♏59'40	20♏52	2♏32	4♏ 9	15♏58	14♏47	17♏57	4♏13	18♏58	3♏36	2♏10	0♏53	5♏25	11♏54	M 1
T 2	0 43 33	8♏58'40	6♏ 2	3°44	5°24	16°40	14♏39	18° 1	4°16	18♏57	3♏35	2♏ 0	0°50	5°32	12° 3	T 2
W 3	0 47 29	9°57'42	20°51	4°54	6°38	17°22	14°31	18° 5	4°20	18°55	3°34	1°51	0°47	5°39	12°12	W 3
T 4	0 51 26	10°56'46	5♏15	6° 2	7°53	18° 4	14°23	18° 9	4°23	18°54	3°33	1°44	0°44	5°46	12°21	T 4
F 5	0 55 22	11°55'52	19° 9	7° 8	9° 8	18°46	14°14	18°13	4°26	18°53	3°32	1°40	0°41	5°52	12°29	F 5
S 6	0 59 19	12°54'59	2♏34	8°12	10°23	19°29	14° 6	18°17	4°29	18°52	3°31	1°38	0°38	5°59	12°38	S 6
S 7	1 3 15	13°54'08	15°32	9°14	11°38	20°11	13°58	18°21	4°32	18°50	3°31	1°D37	0°34	6° 6	12°47	S 7
M 8	1 7 12	14°53'19	28° 8	10°13	12°53	20°54	13°50	18°25	4°35	18°49	3°30	1°R38	0°31	6°12	12°56	M 8
T 9	1 11 8	15°52'32	10♏26	11° 9	14° 8	21°36	13°42	18°30	4°38	18°48	3°29	1°37	0°28	6°19	13° 4	T 9
W10	1 15 5	16°51'46	22°31	12° 3	15°23	22°19	13°34	18°34	4°41	18°46	3°28	1°36	0°25	6°26	13°13	W10
T 11	1 19 2	17°51'03	4♏28	12°53	16°38	23° 2	13°26	18°39	4°44	18°45	3°27	1°31	0°22	6°33	13°22	T 11
F 12	1 22 58	18°50'21	16°20	13°39	17°53	23°44	13°18	18°43	4°47	18°43	3°26	1°24	0°18	6°39	13°31	F 12
S 13	1 26 55	19°49'41	28°11	14°22	19° 8	24°27	13°10	18°48	4°50	18°42	3°25	1°14	0°15	6°46	13°39	S 13
S 14	1 30 51	20°49'03	10♏3	15° 0	20°23	25°10	13° 2	18°53	4°53	18°41	3°25	1° 2	0°12	6°53	13°48	S 14
M15	1 34 48	21°48'26	21°57	15°33	21°38	25°54	12°54	18°58	4°56	18°39	3°24	0°48	0° 9	6°59	13°57	M15
T 16	1 38 44	22°47'52	3♏55	16° 1	22°53	26°37	12°46	19° 2	4°59	18°38	3°23	0°34	0° 6	7° 6	14° 6	T 16
W17	1 42 41	23°47'20	15°58	16°24	24° 8	27°20	12°39	19° 7	5° 2	18°36	3°22	0°20	0° 3	7°13	14°14	W17
T 18	1 46 37	24°46'51	28° 7	16°40	25°23	28° 4	12°31	19°12	5° 4	18°35	3°22	0° 8	29♏59	7°20	14°23	T 18
F 19	1 50 34	25°46'23	10♏25	16°49	26°38	28°47	12°23	19°17	5° 7	18°33	3°21	29♏59	29°56	7°26	14°32	F 19
S 20	1 54 31	26°45'58	22°52	16°R51	27°53	29°31	12°16	19°23	5°10	18°32	3°20	29°53	29°53	7°33	14°40	S 20
S 21	1 58 27	27°45'35	5♏32	16°46	29° 8	0♏14	12° 8	19°28	5°12	18°30	3°20	29°49	29°50	7°40	14°49	S 21
M22	2 2 24	28°45'14	18°29	16°32	0♏24	0°58	12° 1	19°33	5°15	18°29	3°19	29°48	29°47	7°46	14°58	M22
T 23	2 6 20	29°44'55	1♏45	16° 9	1°39	1°42	11°53	19°38	5°18	18°27	3°18	29°48	29°43	7°53	15° 6	T 23
W24	2 10 17	0♏44'39	15°24	15°38	2°54	2°26	11°46	19°44	5°20	18°25	3°18	29°48	29°40	8° 0	15°15	W24
T 25	2 14 13	1°44'25	29°28	14°58	4° 9	3°10	11°39	19°49	5°23	18°24	3°17	29°46	29°37	8° 7	15°23	T 25
F 26	2 18 10	2°44'13	13♏56	14° 8	5°24	3°54	11°32	19°55	5°25	18°22	3°17	29°42	29°34	8°13	15°32	F 26
S 27	2 22 6	3°44'03	28°46	13°11	6°39	4°38	11°25	20° 0	5°27	18°21	3°16	29°35	29°31	8°20	15°40	S 27
S 28	2 26 3	4°43'56	13♏52	12° 7	7°54	5°22	11°18	20° 6	5°30	18°19	3°16	29°25	29°28	8°27	15°49	S 28
M29	2 30 0	5°43'50	29° 4	10°56	9°10	6° 7	11°12	20°12	5°32	18°17	3°15	29°14	29°24	8°33	15°57	M29
T 30	2 33 56	6°43'47	14♏12	9°41	10°25	6°51	11° 5	20°17	5°34	18°16	3°15	29° 2	29°21	8°40	16° 6	T 30
W31	2 37 53	7♏43'46	29♏ 4	8♏24	11♏40	7♏36	10♏59	20♏23	5♏37	18♏14	3♏14	28♏52	29♏18	8♏47	16♏14	W31

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
M 1	3s10	12s44	4s57	14s25	2s12	0s22	1n24	24s22	1s41	4n19	1s38	21s40	1n14	10n38	0n43	15n43
T 2	3 33	18 16	5 2	14 57	2 19	0 52	1 23	24 26	1 41	4 16	1 38	21 40	1 14	10 37	0 43	15 43
W 3	3 57	22 34	4 46	15 26	2 26	1 22	1 23	24 30	1 41	4 13	1 38	21 41	1 14	10 36	0 43	15 43
T 4	4 20	25 19	4 13	15 55	2 32	1 52	1 22	24 34	1 41	4 10	1 38	21 41	1 13	10 35	0 44	15 42
F 5	4 43	26 24	3 25	16 23	2 38	2 23	1 21	24 38	1 40	4 7	1 38	21 42	1 13	10 34	0 44	15 42
S 6	5 6	25 52	2 28	16 49	2 44	2 53	1 20	24 41	1 40	4 4	1 38	21 42	1 13	10 32	0 44	15 41
S 7	5 29	23 56	1 24	17 15	2 49	3 23	1 20	24 44	1 40	4 1	1 38	21 43	1 13	10 31	0 44	15 41
M 8	5 52	20 50	0 19	17 38	2 55	3 53	1 19	24 47	1 40	3 57	1 38	21 43	1 13	10 30	0 44	15 41
T 9	6 15	16 52	0n47	18 1	2 59	4 23	1 18	24 50	1 40	3 54	1 38	21 44	1 13	10 29	0 44	15 40
W10	6 37	12 18	1 48	18 21	3 4	4 53	1 17	24 53	1 40	3 51	1 38	21 44	1 12	10 28	0 44	15 40
T 11	7 0	7 19	2 44	18 41	3 4	5 22	1 16	24 55	1 40	3 48	1 38	21 45	1 12	10 27	0 44	15 39
F 12	7 23	2 7	3 33	18 58	3 11	5 52	1 14	24 57	1 40	3 45	1 38	21 45	1 12	10 26	0 44	15 39
S 13	7 45	3n 8	4 12	19 13	3 13	6 22	1 13	24 59	1 40	3 42	1 37	21 46	1 12	10 25	0 44	15 39
S 14	8 8	8 16	4 40	19 27	3 15	6 51	1 12	25 1	1 40	3 39	1 37	21 47	1 12	10 24	0 44	15 38
M15	8 30	13 7	4 56	19 38	3 17	7 20	1 11	25 2	1 40	3 36	1 37	21 47	1 12	10 23	0 44	15 38
T 16	8 54	17 30	4 59	19 46	3 17	7 49	1 9	25 3	1 40	3 33	1 37	21 48	1 11	10 22	0 44	15 37
W17	9 12	21 13	4 49	19 53	3 17	8 18	1 8	25 4	1 40	3 30	1 37	21 48	1 11	10 21	0 44	15 37
T 18	9 36	24 3	4 25	19 56	3 15	8 47	1 6	25 5	1 39	3 27	1 37	21 49	1 11	10 20	0 44	15 36
F 19	9 57	25 47	3 49	19 56	3 13	9 16	1 5	25 5	1 39	3 24	1 37	21 49	1 11	10 19	0 44	15 36
S 20	10 19	26 16	3 2	19 53	3 9	9 44	1 3	25 5	1 39	3 21	1 37	21 50	1 11	10 18	0 44	15 36
S 21	10 40	25 23	2 4	19 47	3 4	10 12	1 2	25 5	1 39	3 19	1 37	21 50	1 11	10 17	0 44	15 35
M22	11 2	23 8	0 59	19 36	2 57	10 40	1 0	25 5	1 39	3 16	1 37	21 51	1 11	10 16	0 44	15 35
T 23	11 23	19 36	0s10	19 22	2 49	11 8	0 58	25 4	1 39	3 13	1 37	21 52	1 10	10 15	0 44	15 34
W24	11 44	14 55	1 21	19 3	2 39	11 35	0 57	25 3	1 38	3 10	1 36	21 52	1 10	10 14	0 44	15 34
T 25	12 5	9 19	2 30	18 40	2 27	12 2	0 55	25 2	1 38	3 8	1 36	21 53	1 10	10 13	0 44	15 33
F 26	12 25	3 5	3 30	18 12	2 14	12 29	0 53	25 0	1 38	3 5	1 36	21 53	1 10	10 12	0 44	15 33
S 27	12 46	3s28	4 18	17 41	1 59	12 56	0 51	24 59	1 38	3 3	1 36	21 54	1 10	10 12	0 44	15 32
S 28	13 6	9 55	4 49	17 5	1 42	13 22	0 49	24 57	1 37	3 0	1 36	21 54	1 10	10 11	0 44	15 32
M29	13 26	15 49	5 0	16 26	1 24	13 48	0 47	24 55	1 37	2 58	1 36	21 55	1 10	10 10	0 44	15 31
T 30	13 46	20 42	4 50	15 44	1 4	14 14	0 45	24 52	1 37	2 55	1 35	21 56	1 9	10 9	0 44	15 31
W31	14s 5	24s10	4s20	15s 0	0s44	14s39	0n43	24s50	1s37	2n53	1s35	21s56	1n 9	10n 8	0n44	15n31

Julian Day Number = 2468619.5, Delta T = 73.65 sec
Ecliptic obliquity = 23°26'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 25°23'36, Lahiri = 24°30'37

ASTRODIENST EPHEMERIS for the year 2046
geocentric

NOVEMBER 2046

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 49	8♉43'46	13♊34	7♉R 7	12♉55	8♉20	10♉R52	20♊29	5♉39	18♉R12	3♉R14	28♉R43	29♉15	8♉Y54	16♉23	T 1
F 2	2 45 46	9°43'48	27°35	5♉53	14°10	9° 5	10♉Y46	20°35	5°41	18♉R11	3♉R14	28♉R37	29°12	9° 0	16°31	F 2
S 3	2 49 42	10°43'52	11♉3 6	4°43	15°26	9°50	10°40	20°41	5°43	18° 9	3°13	28°34	29° 9	9° 7	16°39	S 3
S 4	2 53 39	11°43'57	24°10	3°40	16°41	10°34	10°34	20°47	5°45	18° 7	3°13	28°D33	29° 5	9°14	16°47	S 4
M 5	2 57 35	12°44'04	6♉49	2°47	17°56	11°19	10°29	20°53	5°47	18° 6	3°13	28°R33	29° 2	9°20	16°56	M 5
T 6	3 1 32	13°44'12	19° 8	2° 3	19°11	12° 4	10°23	20°59	5°49	18° 4	3°12	28°33	28°59	9°27	17° 4	T 6
W 7	3 5 29	14°44'22	1♉13	1°30	20°26	12°49	10°18	21° 5	5°51	18° 2	3°12	28°32	28°56	9°34	17°12	W 7
T 8	3 9 25	15°44'33	13° 8	1°10	21°42	13°34	10°13	21°11	5°53	18° 1	3°12	28°29	28°53	9°41	17°20	T 8
F 9	3 13 22	16°44'46	24°59	1°D 0	22°57	14°19	10° 8	21°17	5°55	17°59	3°12	28°23	28°49	9°47	17°28	F 9
S 10	3 17 18	17°45'00	6♉Y50	1° 2	24°12	15° 4	10° 3	21°24	5°56	17°57	3°11	28°14	28°46	9°54	17°36	S 10
S 11	3 21 15	18°45'16	18°43	1°15	25°27	15°50	9°58	21°30	5°58	17°56	3°11	28° 3	28°43	10° 1	17°44	S 11
M12	3 25 11	19°45'34	0♉42	1°38	26°42	16°35	9°54	21°36	6° 0	17°54	3°11	27°50	28°40	10° 7	17°52	M12
T 13	3 29 8	20°45'53	12°48	2°11	27°58	17°20	9°49	21°43	6° 1	17°52	3°11	27°37	28°37	10°14	18° 0	T 13
W14	3 33 4	21°46'14	25° 1	2°51	29°13	18° 6	9°45	21°49	6° 3	17°50	3°11	27°25	28°34	10°21	18° 8	W14
T 15	3 37 1	22°46'36	7♉24	3°39	0♉28	18°51	9°41	21°56	6° 4	17°49	3°11	27°14	28°30	10°28	18°16	T 15
F 16	3 40 58	23°47'01	19°56	4°34	1°43	19°36	9°37	22° 2	6° 6	17°47	3°D11	27° 6	28°27	10°34	18°24	F 16
S 17	3 44 54	24°47'27	2♉37	5°35	2°59	20°22	9°34	22° 9	6° 7	17°45	3°11	27° 0	28°24	10°41	18°32	S 17
S 18	3 48 51	25°47'54	15°30	6°41	4°14	21° 8	9°30	22°15	6° 8	17°44	3°11	26°57	28°21	10°48	18°39	S 18
M19	3 52 47	26°48'24	28°36	7°51	5°29	21°53	9°27	22°22	6°10	17°42	3°11	26°D57	28°18	10°54	18°47	M19
T 20	3 56 44	27°48'55	11♉56	9° 4	6°44	22°39	9°24	22°29	6°11	17°40	3°11	26°57	28°15	11° 1	18°55	T 20
W21	4 0 40	28°49'28	25°32	10°21	7°59	23°25	9°21	22°35	6°12	17°39	3°11	26°R58	28°11	11° 8	19° 2	W21
T 22	4 4 37	29°50'03	9♉27	11°41	9°15	24°10	9°19	22°42	6°13	17°37	3°11	26°58	28° 8	11°15	19°10	T 22
F 23	4 8 33	0♉50'40	23°39	13° 3	10°30	24°56	9°16	22°49	6°14	17°35	3°11	26°55	28° 5	11°21	19°17	F 23
S 24	4 12 30	1°51'18	8♉ 9	14°27	11°45	25°42	9°14	22°55	6°15	17°34	3°12	26°51	28° 2	11°28	19°24	S 24
S 25	4 16 27	2°51'58	22°52	15°53	13° 0	26°28	9°12	23° 2	6°16	17°32	3°12	26°44	27°59	11°35	19°32	S 25
M26	4 20 23	3°52'40	7♉41	17°20	14°16	27°14	9°10	23° 9	6°17	17°31	3°12	26°36	27°55	11°41	19°39	M26
T 27	4 24 20	4°53'23	22°29	18°48	15°31	28° 0	9° 9	23°16	6°18	17°29	3°12	26°27	27°52	11°48	19°46	T 27
W28	4 28 16	5°54'08	7♉ 7	20°17	16°46	28°46	9° 8	23°23	6°19	17°27	3°13	26°19	27°49	11°55	19°53	W28
T 29	4 32 13	6°54'54	21°28	21°47	18° 1	29°32	9° 6	23°30	6°20	17°26	3°13	26°13	27°46	12° 2	20° 0	T 29
F 30	4 36 9	7♉55'41	5♉27	23♉17	19♉17	0♉18	9♉ 5	23♉37	6♉20	17♉24	3♉13	26♉3 8	27♉43	12♉Y 8	20♉ 7	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	14s24	25s58	3s34	14s15	0s23	15s 4	0n41	24s47	1s36	2n51	1s35	21s57	1n 9	10n 8	0n44	15n30	1s49	21s35	12s 8	20s25	20s18	7n57	8s 3	1s45	
F 2	14 44	26 1	2 36	13 31	0 3	15 28	0 39	24 43	1 36	2 48	1 35	21 57	1 9	10 7	0 44	15 30	1 49	21 35	12 7	20 26	20 19	8 0	8 6	1 45	
S 3	15 2	24 29	1 31	12 49	0n18	15 52	0 37	24 40	1 36	2 46	1 35	21 58	1 9	10 6	0 44	15 29	1 49	21 35	12 7	20 27	20 20	8 3	8 9	1 44	
S 4	15 21	21 39	0 23	12 10	0 37	16 16	0 35	24 36	1 36	2 44	1 34	21 58	1 9	10 5	0 45	15 29	1 49	21 35	12 7	20 27	20 20	8 6	8 12	1 44	
M 5	15 39	17 52	0n44	11 34	0 55	16 39	0 32	24 32	1 35	2 42	1 34	21 59	1 9	10 5	0 45	15 28	1 49	21 35	12 7	20 27	20 21	8 9	8 15	1 44	
T 6	15 58	13 23	1 47	11 4	1 11	17 2	0 30	24 28	1 35	2 40	1 34	21 59	1 8	10 4	0 45	15 28	1 49	21 35	12 6	20 27	20 22	8 12	8 18	1 44	
W 7	16 15	8 29	2 44	10 39	1 26	17 24	0 28	24 23	1 35	2 38	1 34	22 0	1 8	10 3	0 45	15 27	1 49	21 34	12 6	20 27	20 22	8 15	8 21	1 44	
T 8	16 33	3 21	3 33	10 19	1 39	17 46	0 26	24 18	1 34	2 36	1 34	22 0	1 8	10 3	0 45	15 27	1 49	21 34	12 6	20 28	20 23	8 18	8 24	1 43	
F 9	16 50	1n52	4 13	10 6	1 50	18 8	0 23	24 13	1 34	2 35	1 33	22 1	1 8	10 2	0 45	15 26	1 49	21 34	12 6	20 29	20 23	8 21	8 27	1 43	
S 10	17 7	7 1	4 41	9 58	1 59	18 29	0 21	24 8	1 34	2 33	1 33	22 1	1 8	10 2	0 45	15 26	1 49	21 34	12 5	20 31	20 24	8 24	8 30	1 43	
S 11	17 24	11 55	4 58	9 56	2 7	18 49	0 19	24 2	1 33	2 31	1 33	22 2	1 8	10 1	0 45	15 25	1 49	21 34	12 5	20 33	20 25	8 27	8 33	1 43	
M12	17 40	16 25	5 1	9 58	2 12	19 9	0 16	23 57	1 33	2 30	1 33	22 2	1 8	10 0	0 45	15 25	1 49	21 34	12 5	20 35	20 25	8 30	8 35	1 43	
T 13	17 56	20 18	4 51	10 5	2 17	19 28	0 14	23 50	1 33	2 28	1 32	22 3	1 8	10 0	0 45	15 24	1 49	21 33	12 5	20 38	20 26	8 33	8 38	1 42	
W14	18 12	23 21	4 28	10 17	2 19	19 47	0 12	23 44	1 32	2 27	1 32	22 4	1 8	9 59	0 45	15 24	1 49	21 33	12 4	20 40	20 27	8 35	8 41	1 42	
T 15	18 28	25 21	3 52	10 32	2 20	20 6	0 9	23 37	1 32	2 26	1 32	22 4	1 7	9 59	0 45	15 24	1 49	21 33	12 4	20 43	20 27	8 38	8 44	1 42	
F 16	18 43	26 6	3 4	10 50	2 21	20 23	0 7	23 31	1 31	2 24	1 32	22 5	1 7	9 58	0 45	15 23	1 49	21 33	12 4	20 44	20 28	8 41	8 47	1 42	
S 17	18 58	25 30	2 6	11 11	2 20	20 41	0 4	23 23	1 31	2 23	1 31	22 5	1 7	9 58	0 45	15 23	1 49	21 33	12 4	20 45	20 29	8 44	8 49	1 42	
S 18	19 12	23 32	1 1	11 34	2 18	20 57	0 2	23 16	1 31	2 22	1 31	22 6	1 7	9 57	0 45	15 22	1 49	21 32	12 3	20 46	20 29	8 47	8 52	1 41	
M19	19 26	20 18	0s 9	11 59	2 15	21 13	0s 0	23 8	1 30	2 21	1 31	22 6	1 7	9 57	0 45	15 22	1 49	21 32	12 3	20 46	20 30	8 50	8 55	1 41	
T 20	19 40	15 57	1 19	12 26	2 12	21 29	0 3	23 0	1 30	2 20	1 31	22 6	1 7	9 57	0 45	15 21	1 49	21 32	12 3	20 46	20 31	8 53	8 58	1 41	
W21	19 54	10 42	2 27	12 54	2 8	21 43	0 5	22 52	1 29	2 19	1 30	22 7	1 7	9 56	0 45	15 21	1 49	21 31	12 3	20 46	20 31	8 56	9 0	1 41	
T 22	20 7	4 50	3 27	13 23	2 3	21 57	0 8	22 44	1 29	2 19	1 30	22 7	1 7	9 56	0 45	15 20	1 49	21 31	12 2	20 46	20 32	8 59	9 3	1 41	
F 23	20 19	1s24	4 16	13 53	1 58	22 11	0 10	22 35	1 28	2 18	1 30	22 8	1 7	9 55	0 45	15 20	1 49	21 31	12 2	20 46	20 32	9 1	9 6	1 40	
S 24	20 32	7 40	4 50	14 23	1 53	22 24	0 13	22 26	1 28	2 17	1 29	22 8	1 6	9 55	0 45	15 20	1 49	21 31	12 2	20 47	20 33	9 4	9 8	1 40	
S 25	20 44	13 36	5 5	14 53	1 47	22 36	0 15	22 17	1 28	2 17	1 29	22 9	1 6	9 55	0 45	15 19	1 49	21 30	12 2	20 48	20 34	9 7	9 11	1 40	
M26	20 55	18 48	5 0	15 24	1 41	22 48	0 17	22 8	1 27	2 16	1 29	22 9	1 6	9 54	0 45	15 19	1 49	21 30	12 1	20 50	20 34	9 10	9 14	1 40	
T 27	21 6	22 49	4 35	15 54	1 34	22 59	0 20	21 58	1 27	2 16	1 29	22 10	1 6	9 54	0 46	15 18	1 49	21 30	12 1	20 52	20 35	9 13	9 16	1 40	
W28	21 17	25 19	3 52	16 24	1 28	23 9	0 22	21 48	1 26	2 16	1 28	22 10	1 6	9 54	0 46	15 18	1 49	21 29	12 1	20 53	20 36	9 16	9 19	1 40	
T 29	21 28	26 5	2 55	16 54	1 21	23 18	0 25	21 38	1 26	2 16	1 28	22 11	1 6	9 54	0 46	15 17	1 49	21 29	12 1	20 54	20 36	9 19	9 21	1 39	
F 30	21s38	25s 8	1s49	17s24	1n14	23s27	0s27	21s28	1s25	2n16	1s28	22s11	1n 6	9n53	0n46	15n17	1s49	21s29	12s 0	20s55	20s37	9n21	9s24	1s39	

