



Astrodienst Ephemeris Tables for the year 1846

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 1846
geocentric

JANUARY 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 41 4	10 ³ 15'41	23 ²² 20	0°R32	27 ²² 5	6 ¹⁷ 9	0 ⁸ 54	16 ²² 45	6 ¹⁷ 26	24 ²² 3	22°R58	14°R55	13 ¹¹ 34	27 ²² 6	5 ²² 45	T 1
F 2	6 45 0	11°16'52	7 ¹¹ 58	29 ²² 34	28° 1	6°46	0°55	16°51	6°26	24° 5	22 ¹⁷ 58	14 ¹¹ 49	13°31	27°13	5°47	F 2
S 3	6 48 57	12°18'03	22° 9	28°46	28°56	7°24	0°57	16°58	6°27	24° 7	22°57	14°44	13°28	27°19	5°49	S 3
S 4	6 52 53	13°19'13	5 ¹⁷ 53	28° 9	29°50	8° 2	0°58	17° 4	6°28	24° 9	22°57	14°43	13°25	27°26	5°51	S 4
M 5	6 56 50	14°20'22	19°11	27°41	0 ¹¹ 44	8°39	1° 0	17°11	6°29	24°10	22°57	14°D42	13°21	27°33	5°53	M 5
T 6	7 0 46	15°21'32	2 ⁸ 6	27°24	1°37	9°17	1° 2	17°17	6°30	24°12	22°57	14°43	13°18	27°40	5°55	T 6
W 7	7 4 43	16°22'40	14°42	27°D16	2°29	9°55	1° 5	17°24	6°32	24°14	22°D57	14°R44	13°15	27°46	5°57	W 7
T 8	7 8 39	17°23'49	27° 3	27°17	3°21	10°33	1° 7	17°30	6°33	24°16	22°57	14°43	13°12	27°53	5°58	T 8
F 9	7 12 36	18°24'57	9 ¹¹ 13	27°26	4°11	11°11	1°10	17°37	6°34	24°18	22°57	14°40	13° 9	28° 0	5°59	F 9
S 10	7 16 33	19°26'04	21°16	27°43	5° 1	11°49	1°13	17°43	6°35	24°20	22°57	14°34	13° 6	28° 6	6° 1	S 10
S 11	7 20 29	20°27'11	3 ²² 13	28° 7	5°50	12°27	1°16	17°50	6°37	24°22	22°57	14°25	13° 2	28°13	6° 2	S 11
M12	7 24 26	21°28'18	15° 7	28°38	6°38	13° 5	1°19	17°57	6°38	24°24	22°58	14°14	12°59	28°20	6° 3	M12
T 13	7 28 22	22°29'24	27° 0	29°14	7°26	13°43	1°23	18° 3	6°39	24°26	22°58	14° 1	12°56	28°27	6° 4	T 13
W14	7 32 19	23°30'29	8 ¹¹ 53	29°55	8°12	14°22	1°27	18°10	6°41	24°28	22°58	13°47	12°53	28°33	6° 5	W14
T 15	7 36 15	24°31'34	20°46	0 ¹¹ 42	8°57	15° 0	1°31	18°17	6°42	24°30	22°58	13°34	12°50	28°40	6° 5	T 15
F 16	7 40 12	25°32'39	2 ¹¹ 42	1°32	9°41	15°38	1°35	18°24	6°44	24°32	22°58	13°22	12°47	28°47	6° 6	F 16
S 17	7 44 8	26°33'43	14°43	2°26	10°25	16°16	1°39	18°31	6°45	24°34	22°58	13°12	12°43	28°54	6° 6	S 17
S 18	7 48 5	27°34'47	26°52	3°24	11° 7	16°55	1°43	18°38	6°47	24°36	22°59	13° 5	12°40	29° 0	6° 7	S 18
M19	7 52 2	28°35'50	9 ²² 12	4°24	11°48	17°33	1°48	18°44	6°49	24°38	22°59	13° 1	12°37	29° 7	6° 7	M19
T 20	7 55 58	29°36'53	21°47	5°28	12°27	18°12	1°53	18°51	6°50	24°40	22°59	13° 0	12°34	29°14	6°R 7	T 20
W21	7 59 55	0 ²² 37'56	4 ¹¹ 42	6°34	13° 6	18°50	1°58	18°58	6°52	24°42	23° 0	12°D59	12°31	29°20	6° 7	W21
T 22	8 3 51	1°38'58	18° 1	7°42	13°43	19°28	2° 3	19° 5	6°54	24°45	23° 0	12°R59	12°27	29°27	6° 7	T 22
F 23	8 7 48	2°40'00	1 ²² 47	8°52	14°19	20° 7	2° 9	19°12	6°56	24°47	23° 0	12°58	12°24	29°34	6° 6	F 23
S 24	8 11 44	3°41'01	16° 2	10° 4	14°53	20°45	2°14	19°19	6°58	24°49	23° 1	12°55	12°21	29°41	6° 6	S 24
S 25	8 15 41	4°42'02	0 ²² 44	11°18	15°26	21°24	2°20	19°27	7° 0	24°51	23° 1	12°49	12°18	29°47	6° 5	S 25
M26	8 19 37	5°43'02	15°49	12°34	15°57	22° 3	2°26	19°34	7° 2	24°53	23° 1	12°40	12°15	29°54	6° 5	M26
T 27	8 23 34	6°44'01	1 ²² 7	13°51	16°27	22°41	2°32	19°41	7° 4	24°55	23° 2	12°29	12°12	0 ²² 1	6° 4	T 27
W28	8 27 31	7°44'59	16°29	15° 9	16°56	23°20	2°38	19°48	7° 6	24°58	23° 2	12°17	12° 8	0° 7	6° 3	W28
T 29	8 31 27	8°45'56	1 ²² 41	16°29	17°22	23°58	2°44	19°55	7° 8	25° 0	23° 3	12° 6	12° 5	0°14	6° 2	T 29
F 30	8 35 24	9°46'52	16°33	17°50	17°47	24°37	2°51	20° 2	7°10	25° 2	23° 3	11°57	12° 2	0°21	6° 1	F 30
S 31	8 39 20	10 ²² 47'47	0 ¹⁷ 59	19 ²² 12	18 ¹¹ 10	25 ¹⁷ 16	2 ²² 58	20 ²² 9	7 ¹⁷ 12	25 ²² 4	23 ¹⁷ 4	11 ¹¹ 50	11 ¹¹ 59	0 ²² 28	6 ²² 0	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	decl lat	decl lat
T 1	23s 4	8s59	5n 2	20s18	3n10	13s18	0s51	2n25	0s 1	10n40	1s13	16s51	1s 5	1n55	0s42	13s57	0s28
F 2	22 59	4 14	4 41	20 14	3 13	12 53	0 45	2 41	0n 0	10 40	1 12	16 49	1 5	1 55	0 42	13 56	0 28
S 3	22 53	0n37	4 3	20 13	3 15	12 28	0 39	2 58	0 1	10 41	1 12	16 48	1 5	1 56	0 42	13 56	0 28
S 4	22 47	5 17	3 12	20 13	3 14	12 2	0 32	3 14	0 3	10 42	1 12	16 46	1 5	1 56	0 41	13 55	0 28
M 5	22 41	9 33	2 12	20 15	3 11	11 37	0 25	3 30	0 4	10 43	1 11	16 44	1 5	1 57	0 41	13 54	0 28
T 6	22 34	13 16	1 7	20 19	3 7	11 11	0 18	3 46	0 5	10 44	1 11	16 42	1 5	1 57	0 41	13 54	0 28
W 7	22 27	16 16	0 0	20 24	3 2	10 46	0 11	4 2	0 7	10 45	1 11	16 40	1 5	1 58	0 41	13 53	0 28
T 8	22 19	18 27	1s 5	20 30	2 55	10 20	0 3	4 18	0 8	10 46	1 10	16 38	1 5	1 58	0 41	13 53	0 28
F 9	22 11	19 46	2 7	20 38	2 48	9 55	0n 4	4 34	0 9	10 48	1 10	16 36	1 5	1 59	0 41	13 52	0 28
S 10	22 3	20 9	3 2	20 46	2 40	9 29	0 12	4 50	0 10	10 49	1 10	16 34	1 5	1 59	0 41	13 51	0 28
S 11	21 54	19 37	3 48	20 55	2 32	9 4	0 20	5 6	0 11	10 50	1 9	16 32	1 5	2 0	0 41	13 51	0 28
M12	21 45	18 14	4 24	21 4	2 23	8 38	0 28	5 22	0 13	10 52	1 9	16 30	1 5	2 0	0 41	13 50	0 28
T 13	21 35	16 4	4 48	21 14	2 13	8 13	0 37	5 38	0 14	10 53	1 9	16 28	1 5	2 1	0 41	13 49	0 28
W14	21 25	13 14	5 0	21 23	2 4	7 48	0 46	5 54	0 15	10 55	1 9	16 25	1 5	2 1	0 41	13 49	0 28
T 15	21 14	9 51	4 59	21 33	1 54	7 23	0 55	6 10	0 16	10 56	1 8	16 23	1 5	2 2	0 41	13 48	0 28
F 16	21 3	6 5	4 44	21 42	1 45	6 58	1 4	6 25	0 17	10 58	1 8	16 21	1 5	2 3	0 41	13 47	0 28
S 17	20 51	2 4	4 17	21 51	1 35	6 33	1 13	6 41	0 18	11 0	1 8	16 19	1 5	2 3	0 41	13 47	0 28
S 18	20 40	2s 6	3 38	22 0	1 25	6 8	1 23	6 57	0 19	11 2	1 7	16 17	1 5	2 4	0 41	13 46	0 28
M19	20 27	6 14	2 49	22 8	1 15	5 43	1 32	7 12	0 20	11 4	1 7	16 15	1 5	2 5	0 41	13 45	0 28
T 20	20 15	10 12	1 50	22 15	1 6	5 19	1 42	7 28	0 21	11 6	1 7	16 13	1 5	2 6	0 41	13 44	0 28
W21	20 2	13 47	0 44	22 22	0 56	4 55	1 52	7 44	0 22	11 8	1 7	16 11	1 5	2 6	0 41	13 44	0 28
T 22	19 48	16 47	0n27	22 28	0 47	4 31	2 3	7 59	0 23	11 10	1 6	16 8	1 5	2 7	0 41	13 43	0 28
F 23	19 35	18 56	1 38	22 32	0 37	4 8	2 13	8 15	0 24	11 12	1 6	16 6	1 5	2 8	0 41	13 42	0 28
S 24	19 21	19 59	2 45	22 36	0 28	3 44	2 24	8 30	0 25	11 14	1 6	16 4	1 5	2 9	0 41	13 42	0 28
S 25	19 6	19 44	3 44	22 39	0 19	3 22	2 35	8 45	0 26	11 16	1 5	16 2	1 5	2 9	0 41	13 41	0 28
M26	18 51	18 5	4 28	22 41	0 10	2 59	2 47	9 1	0 27	11 18	1 5	16 0	1 5	2 10	0 41	13 40	0 28
T 27	18 36	15 8	4 54	22 42	0 2	2 37	2 58	9 16	0 28	11 21	1 5	15 58	1 5	2 11	0 41	13 39	0 28
W28	18 21	11 9	4 59	22 42	0s 7	2 15	3 10	9 31	0 29	11 23	1 5	15 55	1 5	2 12	0 41	13 39	0 28
T 29	18 5	6 28	4 43	22 41	0 15	1 54	3 21	9 46	0 30	11 26	1 4	15 53	1 5	2 13	0 41	13 38	0 28
F 30	17 49	1 30	4 8	22 39	0 23	1 34	3 33	10 1	0 31	11 28	1 4	15 51	1 5	2 14	0 41	13 37	0 28
S 31	17s32	3n24	3n17	22s35	0s30	1s14	3n45	10n16	0n32	11n31	1s 4	15s49	1s 5	2n15	0s41	13s37	0s28

Julian Day Number = 2395297.5, Delta T = 8.17 sec
Ecliptic obliquity = 23°27'26", Nutation = 0°00'13", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°35'23", Lahiri = 21°42'24"

ASTRODIENST EPHEMERIS for the year 1846
geocentric

FEBRUARY 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 43 17	11°48'40	14°54'	20°35'	18°31'	25°55'	3°5	20°16'	7°15'	25°6	23°4	11°R46	11°M56	0°Ω34	5°R58	S 1
M 2	8 47 13	12°49'32	28°20'	21°59'	18°50'	26°33'	3°12	20°24'	7°17'	25°9	23°5	11°M44	11°53	0°41	5°M57	M 2
T 3	8 51 10	13°50'22	11°18'	23°25'	19°7	27°12'	3°19	20°31'	7°19'	25°11	23°6	11°44	11°49	0°48	5°55	T 3
W 4	8 55 6	14°51'11	23°54'	24°51'	19°22'	27°51'	3°26	20°38'	7°22'	25°13	23°6	11°44	11°46	0°54	5°54	W 4
T 5	8 59 3	15°51'59	6°12'	26°18'	19°35'	28°30'	3°34	20°45'	7°24'	25°15	23°7	11°42	11°43	1°1	5°52	T 5
F 6	9 3 0	16°52'45	18°17'	27°46'	19°45'	29°8	3°42	20°52'	7°26'	25°18	23°7	11°39	11°40	1°8	5°50	F 6
S 7	9 6 56	17°53'30	0°14'	29°15'	19°53'	29°47'	3°49	21°0	7°29'	25°20	23°8	11°33	11°37	1°15	5°48	S 7
S 8	9 10 53	18°54'13	12°7	0°45'	19°59'	0°26'	3°57	21°7	7°31'	25°22	23°9	11°24	11°33	1°21	5°46	S 8
M 9	9 14 49	19°54'55	23°58'	2°15	20°3	1°5	4°6	21°14	7°34'	25°24	23°10	11°12	11°30	1°28	5°43	M 9
T 10	9 18 46	20°55'35	5°Ω50	3°47	20°R 4	1°44	4°14	21°21	7°36'	25°27	23°10	10°58	11°27	1°35	5°41	T 10
W11	9 22 42	21°56'13	17°44'	5°19	20°3	2°22	4°22	21°29	7°39'	25°29	23°11	10°44	11°24	1°42	5°39	W11
T 12	9 26 39	22°56'50	29°43'	6°53	19°59	3°1	4°31	21°36	7°42'	25°31	23°12	10°29	11°21	1°48	5°36	T 12
F 13	9 30 35	23°57'26	11°M47	8°27	19°52	3°40	4°39	21°43	7°44'	25°34	23°13	10°16	11°18	1°55	5°33	F 13
S 14	9 34 32	24°58'00	23°57'	10°2	19°43	4°19	4°48	21°50	7°47'	25°36	23°13	10°6	11°14	2°2	5°31	S 14
S 15	9 38 29	25°58'33	6°Δ15	11°38	19°32	4°58	4°57	21°58	7°50'	25°38	23°14	9°58	11°11	2°8	5°28	S 15
M16	9 42 25	26°59'05	18°42'	13°15	19°18	5°37	5°6	22°5	7°53'	25°40	23°15	9°54	11°8	2°15	5°25	M16
T 17	9 46 22	27°59'35	1°M22	14°52	19°1	6°16	5°16	22°12	7°55'	25°43	23°16	9°52	11°5	2°22	5°22	T 17
W18	9 50 18	29°0'04	14°18'	16°31	18°42	6°54	5°25	22°19	7°58'	25°45	23°17	9°D52	11°2	2°29	5°19	W18
T 19	9 54 15	0°X 0'32	27°33'	18°10	18°21	7°33	5°34	22°26	8°1	25°47	23°18	9°R52	10°59	2°35	5°16	T 19
F 20	9 58 11	1°0'59	11°M10	19°51	17°58	8°12	5°44	22°34	8°4	25°49	23°19	9°52	10°55	2°42	5°12	F 20
S 21	10 2 8	2°1'24	25°11'	21°32	17°32	8°51	5°54	22°41	8°7	25°52	23°20	9°50	10°52	2°49	5°9	S 21
S 22	10 6 4	3°1'48	9°Z37	23°15	17°4	9°30	6°3	22°48	8°10	25°54	23°20	9°45	10°49	2°55	5°5	S 22
M23	10 10 1	4°2'10	24°24'	24°58	16°35	10°9	6°13	22°55	8°13	25°56	23°21	9°38	10°46	3°2	5°2	M23
T 24	10 13 58	5°2'31	9°Δ26	26°42	16°4	10°48	6°23	23°2	8°16	25°59	23°22	9°29	10°43	3°9	4°58	T 24
W25	10 17 54	6°2'50	24°35'	28°28	15°31	11°27	6°34	23°9	8°19	26°1	23°23	9°19	10°39	3°16	4°54	W25
T 26	10 21 51	7°3'08	9°X40	0°X14	14°57	12°5	6°44	23°16	8°22	26°3	23°24	9°9	10°36	3°22	4°51	T 26
F 27	10 25 47	8°3'24	24°31'	2°1	14°21	12°44	6°54	23°23	8°25	26°5	23°25	9°1	10°33	3°29	4°47	F 27
S 28	10 29 44	9°X 3'38	9°Y 0	3°X50	13°X45	13°Z23	7°Z 5	23°Δ31	8°Y28	26°Δ 8	23°Y26	8°M55	10°M30	3°Ω36	4°Δ43	S 28

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s16	7n59	2n17	22s30	0s38	0s54	3n58	10n31	0n33	11n33	1s 3	15s46	1s 6	2n15	0s40	13s36	0s28
M 2	16 58	11 59	1 10	22 24	0 45	0 35	4 10	10 46	0 33	11 36	1 3	15 44	1 6	2 16	0 40	13 35	0 28
T 3	16 41	15 16	0 2	22 17	0 52	0 17	4 22	11 1	0 34	11 39	1 3	15 42	1 6	2 17	0 40	13 34	0 28
W 4	16 23	17 44	1s 4	22 8	0 59	0n 0	4 35	11 16	0 35	11 41	1 3	15 40	1 6	2 18	0 40	13 34	0 28
T 5	16 6	19 18	2 5	21 58	1 5	0 17	4 48	11 30	0 36	11 44	1 2	15 37	1 6	2 19	0 40	13 33	0 28
F 6	15 47	19 57	3 0	21 47	1 11	0 33	5 1	11 45	0 37	11 47	1 2	15 35	1 6	2 20	0 40	13 32	0 28
S 7	15 29	19 41	3 46	21 35	1 17	0 48	5 13	11 59	0 37	11 50	1 2	15 33	1 6	2 21	0 40	13 31	0 28
S 8	15 10	18 33	4 22	21 21	1 23	1 2	5 26	12 14	0 38	11 53	1 2	15 31	1 6	2 22	0 40	13 31	0 28
M 9	14 51	16 38	4 47	21 6	1 28	1 15	5 39	12 28	0 39	11 56	1 1	15 28	1 6	2 23	0 40	13 30	0 28
T 10	14 32	14 0	4 58	20 50	1 33	1 28	5 52	12 42	0 40	11 59	1 1	15 26	1 6	2 24	0 40	13 29	0 28
W11	14 12	10 48	4 57	20 32	1 38	1 39	6 5	12 56	0 40	12 2	1 1	15 24	1 6	2 25	0 40	13 28	0 28
T 12	13 53	7 9	4 43	20 13	1 42	1 49	6 17	13 10	0 41	12 5	1 1	15 22	1 6	2 26	0 40	13 28	0 28
F 13	13 33	3 12	4 16	19 53	1 46	1 58	6 30	13 24	0 42	12 8	1 0	15 19	1 6	2 28	0 40	13 27	0 28
S 14	13 13	0s55	3 37	19 31	1 50	2 6	6 42	13 38	0 43	12 11	1 0	15 17	1 6	2 29	0 40	13 26	0 28
S 15	12 52	5 3	2 48	19 8	1 54	2 12	6 54	13 52	0 43	12 15	1 0	15 15	1 6	2 30	0 40	13 25	0 28
M16	12 32	9 2	1 50	18 43	1 57	2 18	7 6	14 6	0 44	12 18	1 0	15 12	1 6	2 31	0 40	13 24	0 28
T 17	12 11	12 40	0 45	18 17	1 59	2 22	7 17	14 19	0 45	12 21	0 59	15 10	1 6	2 32	0 40	13 24	0 28
W18	11 50	15 46	0n24	17 50	2 2	2 24	7 28	14 32	0 45	12 24	0 59	15 8	1 7	2 33	0 40	13 23	0 28
T 19	11 29	18 8	1 33	17 21	2 4	2 26	7 39	14 46	0 46	12 28	0 59	15 6	1 7	2 34	0 40	13 22	0 28
F 20	11 7	19 31	2 38	16 51	2 5	2 26	7 49	14 59	0 46	12 31	0 59	15 3	1 7	2 35	0 40	13 21	0 28
S 21	10 46	19 46	3 36	16 20	2 6	2 25	7 58	15 12	0 47	12 35	0 58	15 1	1 7	2 37	0 40	13 21	0 28
S 22	10 24	18 45	4 23	15 47	2 7	2 22	8 7	15 25	0 48	12 38	0 58	14 59	1 7	2 38	0 40	13 20	0 28
M23	10 2 16	27 4	5 2	15 13	2 8	2 18	8 15	15 38	0 48	12 42	0 58	14 57	1 7	2 39	0 40	13 19	0 28
T 24	9 40	13 2	5 3	14 37	2 7	2 13	8 22	15 51	0 49	12 45	0 58	14 54	1 7	2 40	0 40	13 18	0 28
W25	9 18	8 44	4 52	14 0	2 7	2 7	8 29	16 4	0 49	12 49	0 58	14 52	1 7	2 41	0 40	13 18	0 28
T 26	8 56	3 55	4 22	13 22	2 6	1 59	8 35	16 16	0 50	12 52	0 57	14 50	1 7	2 43	0 40	13 17	0 28
F 27	8 33	1n 5	3 33	12 42	2 5	1 50	8 39	16 29	0 51	12 56	0 57	14 47	1 7	2 44	0 40	13 16	0 28
S 28	8s11	5n54	2n32	12s 1	2s 3	1n40	8n43	16n41	0n51	12n59	0s57	14s45	1s 7	2n45	0s40	13s15	0s28

Julian Day Number = 2395328.5, Delta T = 8.19 sec
Ecliptic obliquity = 23°27'27", Nutation = 0°00'13", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°35'28", Lahiri = 21°42'28"

ASTRODIENST EPHEMERIS for the year 1846
geocentric

MARCH 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 33 40	10 ¹⁸ 3'50	23 ¹⁹ 2	5 ¹⁸ 39	13 ¹⁸ 8	14 ¹⁸ 2	7 ¹⁸ 16	23 ¹⁸ 38	8 ¹⁹ 31	26 ¹⁸ 10	23 ¹⁹ 28	8 ¹⁹ 52	10 ¹⁸ 27	3 ¹⁹ 43	4 ¹⁹ 39	S 1
M 2	10 37 37	11 ¹⁸ 4'00	6 ¹⁸ 36	7 ¹⁹ 30	12 ¹⁸ 31	14 ¹⁹ 41	7 ¹⁹ 26	23 ¹⁹ 45	8 ¹⁹ 34	26 ¹⁹ 12	23 ¹⁹ 29	8 ¹⁹ 50	10 ¹⁹ 24	3 ¹⁹ 49	4 ¹⁹ 35	M 2
T 3	10 41 33	12 ¹⁸ 4'07	19 ¹⁹ 42	9 ¹⁹ 21	11 ¹⁹ 53	15 ¹⁹ 20	7 ¹⁹ 37	23 ¹⁹ 52	8 ¹⁹ 37	26 ¹⁹ 14	23 ¹⁹ 30	8 ¹⁹ 51	10 ¹⁹ 20	3 ¹⁹ 56	4 ¹⁹ 31	T 3
W 4	10 45 30	13 ¹⁸ 4'13	2 ¹⁹ 24	11 ¹⁹ 14	11 ¹⁹ 15	15 ¹⁹ 59	7 ¹⁹ 48	23 ¹⁹ 59	8 ¹⁹ 40	26 ¹⁹ 16	23 ¹⁹ 31	8 ¹⁹ 52	10 ¹⁹ 17	4 ¹⁹ 3	4 ¹⁹ 27	W 4
T 5	10 49 26	14 ¹⁸ 4'17	14 ¹⁹ 45	13 ¹⁹ 7	10 ¹⁹ 38	16 ¹⁹ 38	7 ¹⁹ 59	24 ¹⁹ 6	8 ¹⁹ 43	26 ¹⁹ 19	23 ¹⁹ 32	8 ¹⁹ 52	10 ¹⁹ 14	4 ¹⁹ 9	4 ¹⁹ 22	T 5
F 6	10 53 23	15 ¹⁸ 4'19	26 ¹⁹ 52	15 ¹⁹ 2	10 ¹⁹ 1	17 ¹⁹ 17	8 ¹⁹ 10	24 ¹⁹ 13	8 ¹⁹ 47	26 ¹⁹ 21	23 ¹⁹ 33	8 ¹⁹ 51	10 ¹⁹ 11	4 ¹⁹ 16	4 ¹⁹ 18	F 6
S 7	10 57 20	16 ¹⁸ 4'18	8 ¹⁹ 49	16 ¹⁹ 57	9 ¹⁹ 26	17 ¹⁹ 55	8 ¹⁹ 21	24 ¹⁹ 19	8 ¹⁹ 50	26 ¹⁹ 23	23 ¹⁹ 34	8 ¹⁹ 48	10 ¹⁹ 8	4 ¹⁹ 23	4 ¹⁹ 14	S 7
S 8	11 1 16	17 ¹⁸ 4'15	20 ¹⁹ 41	18 ¹⁹ 53	8 ¹⁹ 51	18 ¹⁹ 34	8 ¹⁹ 33	24 ¹⁹ 26	8 ¹⁹ 53	26 ¹⁹ 25	23 ¹⁹ 35	8 ¹⁹ 43	10 ¹⁹ 4	4 ¹⁹ 30	4 ¹⁹ 9	S 8
M 9	11 5 13	18 ¹⁸ 4'10	2 ¹⁹ 32	20 ¹⁹ 50	8 ¹⁹ 17	19 ¹⁹ 13	8 ¹⁹ 44	24 ¹⁹ 33	8 ¹⁹ 56	26 ¹⁹ 27	23 ¹⁹ 36	8 ¹⁹ 36	10 ¹⁹ 1	4 ¹⁹ 36	4 ¹⁹ 5	M 9
T 10	11 9 9	19 ¹⁸ 4'03	14 ¹⁹ 26	22 ¹⁹ 48	7 ¹⁹ 45	19 ¹⁹ 52	8 ¹⁹ 56	24 ¹⁹ 40	9 ¹⁹ 0	26 ¹⁹ 29	23 ¹⁹ 38	8 ¹⁹ 27	9 ¹⁹ 58	4 ¹⁹ 43	4 ¹⁹ 0	T 10
W 11	11 13 6	20 ¹⁸ 3'54	26 ¹⁹ 24	24 ¹⁹ 46	7 ¹⁹ 15	20 ¹⁹ 31	9 ¹⁹ 7	24 ¹⁹ 47	9 ¹⁹ 3	26 ¹⁹ 32	23 ¹⁹ 39	8 ¹⁹ 18	9 ¹⁹ 55	4 ¹⁹ 50	3 ¹⁹ 56	W 11
T 12	11 17 2	21 ¹⁸ 3'43	8 ¹⁹ 30	26 ¹⁹ 45	6 ¹⁹ 46	21 ¹⁹ 10	9 ¹⁹ 19	24 ¹⁹ 54	9 ¹⁹ 6	26 ¹⁹ 34	23 ¹⁹ 40	8 ¹⁹ 9	9 ¹⁹ 52	4 ¹⁹ 56	3 ¹⁹ 51	T 12
F 13	11 20 59	22 ¹⁸ 3'30	20 ¹⁹ 44	28 ¹⁹ 43	6 ¹⁹ 20	21 ¹⁹ 48	9 ¹⁹ 31	25 ¹⁹ 0	9 ¹⁹ 10	26 ¹⁹ 36	23 ¹⁹ 41	8 ¹⁹ 0	9 ¹⁹ 49	5 ¹⁹ 3	3 ¹⁹ 47	F 13
S 14	11 24 55	23 ¹⁸ 3'14	3 ¹⁹ 7	0 ¹⁹ 42	5 ¹⁹ 55	22 ¹⁹ 27	9 ¹⁹ 43	25 ¹⁹ 7	9 ¹⁹ 13	26 ¹⁹ 38	23 ¹⁹ 42	7 ¹⁹ 54	9 ¹⁹ 45	5 ¹⁹ 10	3 ¹⁹ 42	S 14
S 15	11 28 52	24 ¹⁸ 2'57	15 ¹⁹ 40	2 ¹⁹ 41	5 ¹⁹ 33	23 ¹⁹ 6	9 ¹⁹ 54	25 ¹⁹ 14	9 ¹⁹ 16	26 ¹⁹ 40	23 ¹⁹ 44	7 ¹⁹ 49	9 ¹⁹ 42	5 ¹⁹ 17	3 ¹⁹ 37	S 15
M 16	11 32 49	25 ¹⁸ 2'38	28 ¹⁹ 24	4 ¹⁹ 38	5 ¹⁹ 13	23 ¹⁹ 45	10 ¹⁹ 6	25 ¹⁹ 20	9 ¹⁹ 20	26 ¹⁹ 42	23 ¹⁹ 45	7 ¹⁹ 47	9 ¹⁹ 39	5 ¹⁹ 23	3 ¹⁹ 33	M 16
T 17	11 36 45	26 ¹⁸ 2'17	11 ¹⁹ 20	6 ¹⁹ 36	4 ¹⁹ 55	24 ¹⁹ 24	10 ¹⁹ 19	25 ¹⁹ 27	9 ¹⁹ 23	26 ¹⁹ 44	23 ¹⁹ 46	7 ¹⁹ 46	9 ¹⁹ 36	5 ¹⁹ 30	3 ¹⁹ 28	T 17
W 18	11 40 42	27 ¹⁸ 1'55	24 ¹⁹ 29	8 ¹⁹ 32	4 ¹⁹ 40	25 ¹⁹ 2	10 ¹⁹ 31	25 ¹⁹ 33	9 ¹⁹ 26	26 ¹⁹ 46	23 ¹⁹ 47	7 ¹⁹ 47	9 ¹⁹ 33	5 ¹⁹ 37	3 ¹⁹ 23	W 18
T 19	11 44 38	28 ¹⁸ 1'30	7 ¹⁹ 52	10 ¹⁹ 26	4 ¹⁹ 28	25 ¹⁹ 41	10 ¹⁹ 43	25 ¹⁹ 40	9 ¹⁹ 30	26 ¹⁹ 48	23 ¹⁹ 49	7 ¹⁹ 49	9 ¹⁹ 30	5 ¹⁹ 44	3 ¹⁹ 18	T 19
F 20	11 48 35	29 ¹⁸ 1'04	21 ¹⁹ 31	12 ¹⁹ 18	4 ¹⁹ 17	26 ¹⁹ 20	10 ¹⁹ 55	25 ¹⁹ 46	9 ¹⁹ 33	26 ¹⁹ 50	23 ¹⁹ 50	7 ¹⁹ 50	9 ¹⁹ 26	5 ¹⁹ 50	3 ¹⁹ 14	F 20
S 21	11 52 31	0 ¹⁹ 0'36	5 ¹⁹ 27	14 ¹⁹ 9	4 ¹⁹ 10	26 ¹⁹ 59	11 ¹⁹ 8	25 ¹⁹ 53	9 ¹⁹ 36	26 ¹⁹ 52	23 ¹⁹ 51	7 ¹⁹ 50	9 ¹⁹ 23	5 ¹⁹ 57	3 ¹⁹ 9	S 21
S 22	11 56 28	1 ¹⁹ 0'07	19 ¹⁹ 39	15 ¹⁹ 56	4 ¹⁹ 4	27 ¹⁹ 37	11 ¹⁹ 20	25 ¹⁹ 59	9 ¹⁹ 40	26 ¹⁹ 54	23 ¹⁹ 53	7 ¹⁹ 49	9 ¹⁹ 20	6 ¹⁹ 4	3 ¹⁹ 4	S 22
M 23	12 0 24	1 ¹⁹ 59'36	4 ¹⁹ 6	17 ¹⁹ 40	4 ¹⁹ 2	28 ¹⁹ 16	11 ¹⁹ 33	26 ¹⁹ 5	9 ¹⁹ 43	26 ¹⁹ 56	23 ¹⁹ 54	7 ¹⁹ 46	9 ¹⁹ 17	6 ¹⁹ 10	2 ¹⁹ 59	M 23
T 24	12 4 21	2 ¹⁹ 59'03	18 ¹⁹ 44	19 ¹⁹ 20	4 ¹⁹ 1	28 ¹⁹ 55	11 ¹⁹ 45	26 ¹⁹ 12	9 ¹⁹ 47	26 ¹⁹ 58	23 ¹⁹ 55	7 ¹⁹ 41	9 ¹⁹ 14	6 ¹⁹ 17	2 ¹⁹ 54	T 24
W 25	12 8 18	3 ¹⁹ 58'28	3 ¹⁹ 28	20 ¹⁹ 56	4 ¹⁹ 3	29 ¹⁹ 34	11 ¹⁹ 58	26 ¹⁹ 18	9 ¹⁹ 50	27 ¹⁹ 0	23 ¹⁹ 57	7 ¹⁹ 36	9 ¹⁹ 10	6 ¹⁹ 24	2 ¹⁹ 50	W 25
T 26	12 12 14	4 ¹⁹ 57'51	18 ¹⁹ 9	22 ¹⁹ 28	4 ¹⁹ 8	0 ¹⁹ 12	12 ¹⁹ 11	26 ¹⁹ 24	9 ¹⁹ 53	27 ¹⁹ 2	23 ¹⁹ 58	7 ¹⁹ 31	9 ¹⁹ 7	6 ¹⁹ 31	2 ¹⁹ 45	T 26
F 27	12 16 11	5 ¹⁹ 57'12	2 ¹⁹ 41	23 ¹⁹ 55	4 ¹⁹ 14	0 ¹⁹ 51	12 ¹⁹ 23	26 ¹⁹ 30	9 ¹⁹ 57	27 ¹⁹ 4	23 ¹⁹ 59	7 ¹⁹ 27	9 ¹⁹ 4	6 ¹⁹ 37	2 ¹⁹ 40	F 27
S 28	12 20 7	6 ¹⁹ 56'31	16 ¹⁹ 58	25 ¹⁹ 16	4 ¹⁹ 23	1 ¹⁹ 30	12 ¹⁹ 36	26 ¹⁹ 37	10 ¹⁹ 0	27 ¹⁹ 6	24 ¹⁹ 1	7 ¹⁹ 24	9 ¹⁹ 1	6 ¹⁹ 44	2 ¹⁹ 35	S 28
S 29	12 24 4	7 ¹⁹ 55'48	0 ¹⁹ 54	26 ¹⁹ 32	4 ¹⁹ 34	2 ¹⁹ 9	12 ¹⁹ 49	26 ¹⁹ 43	10 ¹⁹ 4	27 ¹⁹ 7	24 ¹⁹ 2	7 ¹⁹ 23	8 ¹⁹ 58	6 ¹⁹ 51	2 ¹⁹ 30	S 29
M 30	12 28 0	8 ¹⁹ 55'03	14 ¹⁹ 26	27 ¹⁹ 43	4 ¹⁹ 48	2 ¹⁹ 47	13 ¹⁹ 2	26 ¹⁹ 49	10 ¹⁹ 7	27 ¹⁹ 9	24 ¹⁹ 3	7 ¹⁹ 23	8 ¹⁹ 55	6 ¹⁹ 57	2 ¹⁹ 26	M 30
T 31	12 31 57	9 ¹⁹ 54'16	27 ¹⁹ 34	28 ¹⁹ 47	5 ¹⁹ 3	3 ¹⁹ 26	13 ¹⁹ 15	26 ¹⁹ 55	10 ¹⁹ 11	27 ¹⁹ 11	24 ¹⁹ 5	7 ¹⁹ 24	8 ¹⁹ 51	7 ¹⁹ 4	2 ¹⁹ 21	T 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	7s48	10n15	1n23	11s18	2s 0	1n28	8n46	16n53	0n52	13n 3	0s57	14s43	1s 7	2n46	0s40	13s15	0s28	6s31	16s49	14s28	14s58	14n22	5s 6	3s32							
M 2	7 25	13 55	0 12	10 35	1 57	1 16	8 48	17 5	0 52	13 7	0 57	14 41	1 8	2 47	0 40	13 14	0 28	6 31	16 48	14 27	14 57	14 20	5 4	3 32							
T 3	7 2	16 45	0s58	9 50	1 54	1 3	8 49	17 17	0 53	13 10	0 56	14 39	1 8	2 49	0 40	13 13	0 28	6 30	16 48	14 28	14 56	14 19	5 2	3 32							
W 4	6 39	18 39	2 3	9 3	1 50	0 49	8 49	17 29	0 53	13 14	0 56	14 36	1 8	2 50	0 40	13 12	0 28	6 30	16 48	14 28	14 55	14 17	5 0	3 32							
T 5	6 16	19 36	3 0	8 16	1 46	0 34	8 48	17 41	0 54	13 18	0 56	14 34	1 8	2 51	0 40	13 12	0 28	6 29	16 48	14 28	14 54	14 15	4 58	3 31							
F 6	5 53	19 37	3 48	7 27	1 41	0 19	8 46	17 52	0 54	13 22	0 56	14 32	1 8	2 53	0 40	13 11	0 28	6 28	16 48	14 28	14 53	14 14	4 56	3 31							
S 7	5 30	18 45	4 26	6 37	1 35	0 3	8 43	18 4	0 55	13 26	0 56	14 30	1 8	2 54	0 40	13 10	0 28	6 28	16 47	14 27	14 52	14 12	4 55	3 31							
S 8	5 7	17 4	4 51	5 46	1 29	0s14	8 39	18 15	0 55	13 29	0 55	14 27	1 8	2 55	0 40	13 10	0 28	6 27	16 47	14 25	14 51	14 11	4 53	3 31							
M 9	4 43	14 40	5 5	4 54	1 22	0 30	8 34	18 26	0 56	13 33	0 55	14 25	1 8	2 56	0 40	13 9	0 28	6 27	16 47	14 23	14 50	14 9	4 51	3 31							
T 10	4 20	11 39	5 5	4 0	1 15	0 47	8 29	18 37	0 56	13 37	0 55	14 23	1 8	2 58	0 40	13 8	0 28	6 26	16 47	14 20	14 49	14 7	4 49	3 30							
W 11	3 56	8 9	4 51	3 6	1 7	1 4	8 22	18 48	0 57	13 41	0 55	14 21	1 9	2 59	0 40	13 7	0 28	6 25	16 46	14 17	14 48	14 6	4 47	3 30							
T 12	3 33	4 17	4 25	2 12	0 59	1 21	8 15	18 59	0 57	13 45	0 55	14 19	1 9	3 0	0 40	13 7	0 28	6 25	16 46	14 14	14 47	14 4	4 45	3 30							
F 13	3 9	0 13	3 46	1 16	0 50	1 38	8 7	19 9	0 57	13 49	0 54	14 17	1 9	3 2	0 40	13 6	0 28	6 24	16 46	14 11	14 46	14 2	4 43	3 30							
S 14	2 46	3s56	2 56	0 20	0 40	1 55	7 59	19 20	0 58	13 53	0 54	14 14	1 9	3 3	0 40	13 5	0 28	6 24	16 46	14 9	14 45	14 1	4 40	3 29							
S 15	2 22	7 58	1 57	0n36	0 30	2 12	7 50	19 30	0 58	13 57	0 54	14 12	1 9	3 4	0 40	13 5	0 28	6 23	16 46	14 8	14 44	13 59	4 38	3 29							
M 16	1 58	11 42	0 51	1 33	0 20	2 28	7 40	19 40	0 59	14 0	0 54	14 10	1 9	3 6	0 39	13 4	0 28	6 22	16 46	14 7	14 43	13 57	4 36	3 29							
T 17	1 35	14 56	0n19	2 29	0 9	2 43	7 30	19 50	0 59	14 4	0 54	14 8	1 9	3 7	0 39	13 3	0 28	6 22	16 45	14 7	14 42	13 56	4 34	3 29							
W 18	1 11	17 28	1 29	3 25	0n 2	2 58	7 20	20 0	1 0	14 8	0 53	14 6	1 9	3 8	0 39	13 3	0 28	6 21	16 45	14 7	14 41	13 54	4 32	3 28							
T 19	0 47	19 4	2 36	4 21	0 14	3 13	7 9	20 10	1 0	14 12	0 53	14 4	1 9	3 10	0 39	13 2	0 28	6 21	16 45	14 8	14 40	13 52	4 30	3 28							
F 20	0 23	19 36	3 35	5 16	0 26	3 27	6 58	20 20	1 0	14 16	0 53	14 2	1 10	3 11	0 39	13 1	0 28	6 20	16 45	14 8	14 39	13 51	4 28	3 28							
S 21	0n 0	18 58	4 23	6 10	0 38	3 40	6 46	20 29	1 1	14 20	0 53	14 0	1 10	3 12	0 39	13 1	0 28	6 19	16 45	14 8	14 38	13 49	4 25	3 27							
S 22	0 24	17 8	4 56	7 3	0 51	3 53	6 35	20 38	1 1	14 24	0 53	13 58	1 10	3 14	0 39	13 0	0 28	6 19	16 45	14 8	14 37	13 47	4 23	3 27							
M 23	0 48	14 13	5 10	7 54	1 3	4 5	6 23	20 47	1 1	14 28	0 53	13 56	1 10	3 15	0 39	12 59	0 28	6 18	16 44	14 7	14 36	13 46	4 21	3 27							
T 24	1 11	10 23	5 5	8 44	1 15	4 16	6 11	20 56	1 2	14 32	0 52	13 54	1 10	3 16	0 39	12 59	0 28	6 18	16 44	14 5	14 35	13 44	4 19	3 26							
W 25	1 35	5 53	4 40	9 32	1 27	4 27	5 59	21 5	1 2	14 36	0 52	13 52	1 10	3 18	0 39	12 58	0 28	6 17	16 44	14 3	14 34	13 42	4 17	3 26							
T 26	1 58	1 3	3 57	10 17	1 39	4 37	5 47	21 14	1 2	14 40	0 52	13 50	1 10	3 19	0 39	12 57	0 28	6 16	16 44	14 2	14 33	13 41	4 14	3 26							
F 27	2 22	3n48	2 58	11 0	1 51	4 45	5 35	21 22	1 3	14 44	0 52	13 48	1 10	3 20	0 39	12 57	0 28	6 16	16 44	14 0	14 32	13 39	4 12	3 25							
S 28	2 45	8 21	1 49	11 41	2 2	4 54	5 23	21 30	1 3	14 49	0 52	13 46	1 11	3 22	0 39	12 56	0 28	6 15	16 44	14 0	14 31	13 37	4 10	3 25							
S 29	3 9	12 21	0 35	12 18	2 13	5 1	5 11	21 39	1 3	14 53	0 52	13 44	1 11	3 23	0 39	12 55	0 28	6 15	16 44	13 59	14 30	13 36	4 8	3 25							
M 30	3 32	15 34	0s39	12 53	2 23	5 7	4 59	21 46	1 4	14 57	0 52	13 42	1 11	3 24	0 39	12 55	0 28	6 14	16 44	13 59	14 29	13 34	4 5	3 24							
T 31	3n56	17n52	1s49	13n25	2n32	5s13	4n47	21n54	1n 4	15n 1	0s51	13s40	1s11	3n26	0s39	12s54	0s28	6s14	16s43	13s59	14s28	13n32	4s 3	3s24							

ASTRODIENST EPHEMERIS for the year 1846

geocentric

APRIL 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 35 53	10°53'27	10°12'20	29°44'44	5°51'20	4°11'5	13°28'8	27°28'0	10°14'14	27°28'13	24°14'6	7°12'25	8°14'48	7°12'11	2°14'16	W 1
T 2	12 39 50	11°52'35	22°46'46	0°35'35	5°39'39	4°43'43	13°41'41	27°6'6	10°17'17	27°15'15	24°7'7	7°27'27	8°45'45	7°18'18	2°11'11	T 2
F 3	12 43 46	12°51'41	4°57'57	1°20'20	6°0'0	5°22'22	13°55'55	27°12'12	10°21'21	27°16'16	24°9'9	7°28'28	8°42'42	7°24'24	2°7'7	F 3
S 4	12 47 43	13°50'45	16°57'57	1°58'58	6°23'23	6°0'0	14°8'8	27°18'18	10°24'24	27°18'18	24°10'10	7°R28	8°39'39	7°31'31	2°2'2	S 4
S 5	12 51 40	14°49'46	28°51'51	2°29'29	6°47'47	6°39'39	14°21'21	27°23'23	10°28'28	27°20'20	24°12'12	7°28'28	8°36'36	7°38'38	1°57'57	S 5
M 6	12 55 36	15°48'45	10°43'43	2°53'53	7°13'13	7°18'18	14°34'34	27°29'29	10°31'31	27°21'21	24°13'13	7°26'26	8°32'32	7°45'45	1°53'53	M 6
T 7	12 59 33	16°47'42	22°39'39	3°10'10	7°41'41	7°56'56	14°48'48	27°35'35	10°35'35	27°23'23	24°14'14	7°23'23	8°29'29	7°51'51	1°48'48	T 7
W 8	13 3 29	17°46'37	4°14'14	3°20'20	8°10'10	8°35'35	15°1'1	27°40'40	10°38'38	27°25'25	24°16'16	7°20'20	8°26'26	7°58'58	1°44'44	W 8
T 9	13 7 26	18°45'29	16°52'52	3°R24	8°41'41	9°13'13	15°15'15	27°46'46	10°41'41	27°26'26	24°17'17	7°17'17	8°23'23	8°5'5	1°39'39	T 9
F 10	13 11 22	19°44'19	29°16'16	3°21'21	9°13'13	9°52'52	15°28'28	27°51'51	10°45'45	27°28'28	24°18'18	7°14'14	8°20'20	8°11'11	1°35'35	F 10
S 11	13 15 19	20°43'07	11°53'53	3°12'12	9°47'47	10°30'30	15°42'42	27°56'56	10°48'48	27°29'29	24°20'20	7°12'12	8°16'16	8°18'18	1°31'31	S 11
S 12	13 19 15	21°41'53	24°44'44	2°58'58	10°22'22	11°9'9	15°55'55	28°2'2	10°52'52	27°31'31	24°21'21	7°11'11	8°13'13	8°25'25	1°26'26	S 12
M13	13 23 12	22°40'37	7°14'14	2°37'37	10°58'58	11°48'48	16°9'9	28°7'7	10°55'55	27°32'32	24°23'23	7°D11	8°10'10	8°32'32	1°22'22	M13
T 14	13 27 9	23°39'20	21°8'8	2°12'12	11°36'36	12°26'26	16°23'23	28°12'12	10°58'58	27°34'34	24°24'24	7°11'11	8°7'7	8°38'38	1°18'18	T 14
W15	13 31 5	24°38'00	4°40'40	1°42'42	12°14'14	13°4'4	16°36'36	28°17'17	11°2'2	27°35'35	24°25'25	7°12'12	8°4'4	8°45'45	1°14'14	W15
T 16	13 35 2	25°36'39	18°24'24	1°9'9	12°54'54	13°43'43	16°50'50	28°22'22	11°5'5	27°37'37	24°27'27	7°13'13	8°1'1	8°52'52	1°10'10	T 16
F 17	13 38 58	26°35'16	2°31'31	0°32'32	13°35'35	14°21'21	17°4'4	28°27'27	11°8'8	27°38'38	24°28'28	7°14'14	7°57'57	8°59'59	1°6'6	F 17
S 18	13 42 55	27°33'51	16°21'21	29°53'53	14°17'17	15°0'0	17°17'17	28°32'32	11°12'12	27°40'40	24°30'30	7°15'15	7°54'54	9°5'5	1°2'2	S 18
S 19	13 46 51	28°32'25	0°31'31	29°12'12	15°0'0	15°38'38	17°31'31	28°36'36	11°15'15	27°41'41	24°31'31	7°R15	7°51'51	9°12'12	0°58'58	S 19
M20	13 50 48	29°30'57	14°47'47	28°30'57	15°44'44	16°17'17	17°45'45	28°41'41	11°18'18	27°42'42	24°32'32	7°14'14	7°48'48	9°19'19	0°54'54	M20
T 21	13 54 44	0°32'28	29°4'4	27°48'48	16°29'29	16°55'55	17°59'59	28°46'46	11°22'22	27°44'44	24°34'34	7°14'14	7°45'45	9°25'25	0°50'50	T 21
W22	13 58 41	1°27'56	13°22'22	27°7'7	17°14'14	17°34'34	18°13'13	28°50'50	11°25'25	27°45'45	24°35'35	7°13'13	7°41'41	9°32'32	0°46'46	W22
T 23	14 2 38	2°26'24	27°34'34	26°27'27	18°1'1	18°12'12	18°27'27	28°55'55	11°28'28	27°46'46	24°37'37	7°13'13	7°38'38	9°39'39	0°43'43	T 23
F 24	14 6 34	3°24'49	11°38'38	25°49'49	18°48'48	18°50'50	18°41'41	28°59'59	11°31'31	27°47'47	24°38'38	7°12'12	7°35'35	9°46'46	0°39'39	F 24
S 25	14 10 31	4°23'13	25°30'30	25°14'14	19°36'36	19°29'29	18°55'55	29°4'4	11°35'35	27°48'48	24°39'39	7°12'12	7°32'32	9°52'52	0°36'36	S 25
S 26	14 14 27	5°21'35	9°8'8	24°42'42	20°25'25	20°7'7	19°9'9	29°8'8	11°38'38	27°50'50	24°41'41	7°D12	7°29'29	9°59'59	0°32'32	S 26
M27	14 18 24	6°19'55	22°27'27	24°14'14	21°15'15	20°45'45	19°23'23	29°12'12	11°41'41	27°51'51	24°42'42	7°12'12	7°26'26	10°6'6	0°29'29	M27
T 28	14 22 20	7°18'14	5°12'28	23°49'49	22°5'5	21°24'24	19°37'37	29°16'16	11°44'44	27°52'52	24°44'44	7°R12	7°22'22	10°12'12	0°26'26	T 28
W29	14 26 17	8°16'30	18°10'10	23°29'29	22°56'56	22°2'2	19°51'51	29°20'20	11°47'47	27°53'53	24°45'45	7°12'12	7°19'19	10°19'19	0°23'23	W29
T 30	14 30 13	9°14'45	0°37'37	23°14'14	23°48'48	22°14'40	20°8'5	29°24'24	11°50'50	27°54'54	24°46'46	7°12'12	7°16'16	10°26'26	0°20'20	T 30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4n19	19n12	2s51	13n53	2n40	5s18	4n35	22n 2	1n 4	15n 5	0s51	13s38	1s11	3n27	0s39	12s54	0s28	6s13	16s43	14s 0	14s27	13n31	4s 1	3s23	
T 2	4 42	19 32	3 44	14 18	2 48	5 22	4 23	22 9	1 5	15 9	0 51	13 36	1 11	3 28	0 39	12 53	0 29	6 12	16 43	14 0	14 26	13 29	3 59	3 23	
F 3	5 5	18 57	4 25	14 40	2 55	5 25	4 11	22 17	1 5	15 13	0 51	13 34	1 11	3 30	0 39	12 52	0 29	6 12	16 43	14 1	14 25	13 27	3 56	3 23	
S 4	5 28	17 31	4 55	14 59	3 0	5 28	4 0	22 24	1 5	15 17	0 51	13 32	1 12	3 31	0 39	12 52	0 29	6 11	16 43	14 1	14 24	13 26	3 54	3 22	
S 5	5 51	15 20	5 11	15 14	3 4	5 29	3 48	22 31	1 6	15 21	0 51	13 31	1 12	3 32	0 39	12 51	0 29	6 11	16 43	14 1	14 23	13 24	3 52	3 22	
M 6	6 14	12 31	5 14	15 25	3 8	5 30	3 37	22 38	1 6	15 25	0 51	13 29	1 12	3 34	0 39	12 51	0 29	6 10	16 43	14 0	14 22	13 22	3 50	3 21	
T 7	6 36	9 11	5 3	15 33	3 10	5 30	3 26	22 44	1 6	15 29	0 50	13 27	1 12	3 35	0 39	12 50	0 29	6 10	16 43	13 59	14 21	13 21	3 47	3 21	
W 8	6 59	5 28	4 40	15 37	3 10	5 30	3 15	22 51	1 6	15 33	0 50	13 25	1 12	3 37	0 39	12 50	0 29	6 9	16 43	13 58	14 20	13 19	3 45	3 20	
T 9	7 21	1 28	4 3	15 37	3 9	5 28	3 4	22 57	1 7	15 37	0 50	13 24	1 12	3 38	0 39	12 49	0 29	6 9	16 43	13 57	14 19	13 17	3 43	3 20	
F 10	7 44	2s40	3 14	15 34	3 7	5 26	2 54	23 3	1 7	15 41	0 50	13 22	1 12	3 39	0 39	12 49	0 29	6 8	16 43	13 56	14 18	13 15	3 41	3 19	
S 11	8 6	6 46	2 15	15 28	3 3	5 23	2 43	23 9	1 7	15 45	0 50	13 20	1 13	3 41	0 39	12 48	0 29	6 8	16 43	13 56	14 16	13 14	3 38	3 19	
S 12	8 28	10 39	1 8	15 18	2 58	5 19	2 33	23 14	1 7	15 49	0 50	13 18	1 13	3 42	0 39	12 48	0 29	6 7	16 43	13 55	14 15	13 12	3 36	3 18	
M13	8 50	14 4	0n 4	15 4	2 51	5 15	2 23	23 20	1 8	15 53	0 50	13 17	1 13	3 43	0 39	12 47	0 29	6 7	16 43	13 55	14 14	13 10	3 34	3 18	
T 14	9 11	16 50	1 16	14 48	2 43	5 10	2 13	23 25	1 8	15 57	0 50	13 15	1 13	3 44	0 39	12 47	0 29	6 6	16 43	13 55	14 13	13 9	3 32	3 17	
W15	9 33	18 41	2 26	14 28	2 33	5 4	2 3	23 31	1 8	16 1	0 49	13 14	1 13	3 46	0 39	12 46	0 29	6 6	16 43	13 56	14 12	13 7	3 30	3 17	
T 16	9 54	19 29	3 29	14 6	2 22	4 58	1 54	23 36	1 8	16 5	0 49	13 12	1 13	3 47	0 39	12 46	0 29	6 5	16 43	13 56	14 11	13 5	3 28	3 16	
F 17	10 16	19 6	4 20	13 42	2 10	4 51	1 44	23 40	1 8	16 9	0 49	13 10	1 14	3 48	0 39	12 45	0 29	6 5	16 43	13 56	14 10	13 4	3 26	3 16	
S 18	10 37	17 34	4 56	13 15	1 56	4 43	1 35	23 45	1 9	16 13	0 49	13 9	1 14	3 50	0 39	12 45	0 29	6 4	16 43	13 56	14 9	13 2	3 24	3 15	
S 19	10 58	14 56	5 15	12 47	1 42	4 35	1 26	23 49	1 9	16 17	0 49	13 7	1 14	3 51	0 39	12 44	0 29	6 4	16 43	13 56	14 8	13 0	3 22	3 15	
M20	11 19	11 24	5 14	12 18	1 27	4 26	1 18	23 54	1 9	16 21	0 49	13 6	1 14	3 52	0 39	12 44	0 29	6 3	16 43	13 56	14 7	12 58	3 20	3 14	
T 21	11 39	7 12	4 54	11 48	1 11	4 17	1 9	23 58	1 9	16 25	0 49	13 4	1 14	3 54	0 39	12 44	0 29	6 3	16 43	13 56	14 6	12 57	3 18	3 14	
W22	12 0	2 36	4 16	11 18	0 54	4 7	1 1	24 2	1 9	16 29	0 49	13 3	1 14	3 55	0 39	12 43	0 29	6 2	16 43	13 56	14 5	12 55	3 16	3 13	
T 23	12 20	2n 8	3 22	10 47	0 37	3 56	0 52	24 5	1 10	16 33	0 49	13 2	1 15	3 56	0 39	12 43	0 29	6 2	16 43	13 56	14 4	12 53	3 14	3 12	
F 24	12 40	6 42	2 17	10 18	0 20	3 45	0 44	24 9	1 10	16 37	0 48	13 0	1 15	3 57	0 39	12 42	0 29	6 1	16 43	13 56	14 3	12 52	3 12	3 12	
S 25	13 0	10 52	1 4	9 49	0 3	3 34	0 36	24 12	1 10	16 41	0 48	12 59	1 15	3 59	0 39	12 42	0 29	6 1	16 43	13 56	14 2	12 50	3 10	3 11	
S 26	13 19	14 23	0s11	9 22	0s14	3 21	0 29	24 15	1 10	16 45	0 48	12 57	1 15	4 0	0 39	12 42	0 29	6 0	16 43	13 56	14 1	12 48	3 8	3 11	
M27	13 38	17 3	1 24	8 56	0 30	3 9	0 21	24 18	1 10	16 49	0 48	12 56	1 15	4 1	0 39	12 41	0 29	6 0	16 43	13 56	14 0	12 46	3 6	3 10	
T 28	13 58	18 46	2 30	8 32	0 47	2 56	0 14	24 21	1 10	16 53	0 48	12 55	1 16	4 2	0 39	12 41	0 29	6 0	16 43	13 56	13 59	12 45	3 4	3 10	
W29	14 16	19 28	3 28	8 10	1 2	2 42	0 7	24 23	1 11	16 57	0 48	12 54	1 16	4 4	0 39	12 41	0 29	5 59	16 43	13 56	13 58	12 43	3 2	3 9	
T 30	14n35	19n13	4s15	7n50	1s17	2s28	0n 0	24n26	1n11	17n 1	0s48	12s52	1s16	4n 5	0s39	12s40	0s29	5s59	16s43	13s55	13s57	12n41	3s 1	3s 9	

ASTRODIENST EPHEMERIS for the year 1846
geocentric

MAY 1846

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Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	14 34 10	10♌12'57	12♊49	23°R 3	24♋40	23♌19	20♈19	29♎28	11♏54	27♎55	24♏48	7°R11	7♎13	10♌233	0°R17	F 1
S 2	14 38 7	11°11'08	24°50	22♏56	25°33	23°57	20°33	29°32	11°57	27°56	24°49	7♎11	7°10	10°39	0♌14	S 2
S 3	14 42 3	12° 9'17	6♌45	22°D55	26°27	24°35	20°47	29°36	12° 0	27°57	24°50	7°D11	7° 7	10°46	0°11	S 3
M 4	14 46 0	13° 7'23	18°39	22°58	27°21	25°14	21° 1	29°39	12° 3	27°58	24°52	7°11	7° 3	10°53	0° 9	M 4
T 5	14 49 56	14° 5'28	0♎34	23° 6	28°15	25°52	21°16	29°43	12° 6	27°58	24°53	7°11	7° 0	11° 0	0° 6	T 5
W 6	14 53 53	15° 3'31	12°38	23°19	29°10	26°30	21°30	29°46	12° 9	27°59	24°54	7°12	6°57	11° 6	0° 4	W 6
T 7	14 57 49	16° 1'32	24°52	23°36	0♏6	27° 8	21°44	29°50	12°12	28° 0	24°56	7°13	6°54	11°13	0° 1	T 7
F 8	15 1 46	16°59'31	7♌21	23°58	1° 2	27°47	21°58	29°53	12°15	28° 1	24°57	7°14	6°51	11°20	29♎59	F 8
S 9	15 5 42	17°57'28	20° 8	24°24	1°58	28°25	22°12	29°56	12°18	28° 2	24°58	7°14	6°47	11°26	29°57	S 9
S 10	15 9 39	18°55'24	3♎14	24°54	2°55	29° 3	22°26	29°59	12°21	28° 2	25° 0	7°R15	6°44	11°33	29°55	S 10
M 11	15 13 35	19°53'18	16°40	25°28	3°52	29°41	22°41	0♋2	12°24	28° 3	25° 1	7°15	6°41	11°40	29°53	M 11
T 12	15 17 32	20°51'10	0♌24	26° 6	4°50	0♌19	22°55	0° 5	12°26	28° 4	25° 2	7°14	6°38	11°47	29°51	T 12
W 13	15 21 29	21°49'01	14°23	26°48	5°48	0°57	23° 9	0° 8	12°29	28° 4	25° 3	7°12	6°35	11°53	29°49	W 13
T 14	15 25 25	22°46'51	28°34	27°34	6°47	1°36	23°23	0°11	12°32	28° 5	25° 5	7°11	6°32	12° 0	29°48	T 14
F 15	15 29 22	23°44'40	12♌53	28°23	7°46	2°14	23°37	0°13	12°35	28° 5	25° 6	7° 9	6°28	12° 7	29°46	F 15
S 16	15 33 18	24°42'27	27°14	29°16	8°45	2°52	23°51	0°16	12°38	28° 6	25° 7	7° 7	6°25	12°13	29°45	S 16
S 17	15 37 15	25°40'13	11♎35	0♌12	9°45	3°30	24° 6	0°18	12°40	28° 6	25° 9	7° 5	6°22	12°20	29°44	S 17
M 18	15 41 11	26°37'58	25°50	1°11	10°45	4° 8	24°20	0°21	12°43	28° 7	25°10	7°D 5	6°19	12°27	29°42	M 18
T 19	15 45 8	27°35'42	9♋58	2°13	11°45	4°46	24°34	0°23	12°46	28° 7	25°11	7° 5	6°16	12°34	29°41	T 19
W 20	15 49 5	28°33'25	23°57	3°18	12°46	5°24	24°48	0°25	12°48	28° 8	25°12	7° 6	6°13	12°40	29°40	W 20
T 21	15 53 1	29°31'07	7♏46	4°26	13°47	6° 2	25° 2	0°27	12°51	28° 8	25°13	7° 8	6° 9	12°47	29°39	T 21
F 22	15 56 58	0♌28'47	21°23	5°37	14°48	6°40	25°16	0°29	12°54	28° 8	25°15	7° 9	6° 6	12°54	29°39	F 22
S 23	16 0 54	1°26'27	4♌48	6°51	15°50	7°19	25°30	0°31	12°56	28° 9	25°16	7°R10	6° 3	13° 1	29°38	S 23
S 24	16 4 51	2°24'06	18° 1	8° 8	16°52	7°57	25°45	0°33	12°59	28° 9	25°17	7° 9	6° 0	13° 7	29°38	S 24
M 25	16 8 47	3°21'43	1♌1	9°27	17°54	8°35	25°59	0°35	13° 1	28° 9	25°18	7° 8	5°57	13°14	29°37	M 25
T 26	16 12 44	4°19'20	13°47	10°49	18°56	9°13	26°13	0°37	13° 4	28° 9	25°19	7° 5	5°53	13°21	29°37	T 26
W 27	16 16 40	5°16'55	26°20	12°13	19°59	9°51	26°27	0°38	13° 6	28°10	25°20	7° 1	5°50	13°27	29°37	W 27
T 28	16 20 37	6°14'29	8♌40	13°40	21° 2	10°29	26°41	0°40	13° 8	28°10	25°21	6°56	5°47	13°34	29°D37	T 28
F 29	16 24 34	7°12'02	20°49	15°10	22° 5	11° 7	26°55	0°41	13°11	28°10	25°23	6°51	5°44	13°41	29°37	F 29
S 30	16 28 30	8° 9'33	2♌49	16°42	23° 8	11°45	27° 9	0°42	13°13	28°10	25°24	6°46	5°41	13°48	29°37	S 30
S 31	16 32 27	9♌7'03	14♌43	18♌17	24♏12	12♌23	27♌23	0♋43	13♏15	28°R10	25♏25	6♎42	5♎38	13♌54	29♎37	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
F 1	14n54	18n 3	4s49	7n33	1s31	2s13	0s 7	24n28	1n11	17n 4	0s48	12s51	1s16	4n 6	0s39	12s40	0s29	5s58	16s43	13s55	13s56	12n40	2s59	3s 8	
S 2	15 12	16 6	5 10	7 18	1 45	1 58	0 13	24 30	1 11	17 8	0 48	12 50	1 16	4 7	0 39	12 40	0 29	5 58	16 43	13 55	13 55	12 38	2 57	3 7	
S 3	15 30	13 29	5 17	7 6	1 57	1 43	0 20	24 32	1 11	17 12	0 48	12 49	1 16	4 8	0 39	12 39	0 29	5 58	16 43	13 55	13 54	12 36	2 56	3 7	
M 4	15 47	10 19	5 11	6 56	2 9	1 27	0 26	24 33	1 11	17 16	0 47	12 48	1 17	4 10	0 40	12 39	0 29	5 57	16 43	13 55	13 53	12 34	2 54	3 6	
T 5	16 5	6 44	4 51	6 49	2 20	1 11	0 32	24 35	1 11	17 20	0 47	12 47	1 17	4 11	0 40	12 39	0 29	5 57	16 44	13 55	13 52	12 33	2 52	3 5	
W 6	16 22	2 51	4 18	6 45	2 30	0 55	0 38	24 36	1 11	17 23	0 47	12 46	1 17	4 12	0 40	12 38	0 29	5 56	16 44	13 56	13 51	12 31	2 51	3 5	
T 7	16 39	1s14	3 34	6 42	2 39	0 38	0 44	24 37	1 12	17 27	0 47	12 45	1 17	4 13	0 40	12 38	0 29	5 56	16 44	13 56	13 50	12 29	2 49	3 4	
F 8	16 55	5 20	2 38	6 43	2 47	0 20	0 49	24 38	1 12	17 31	0 47	12 44	1 17	4 14	0 40	12 38	0 29	5 56	16 44	13 56	13 49	12 27	2 48	3 3	
S 9	17 12	9 19	1 33	6 46	2 54	0 3	0 54	24 39	1 12	17 35	0 47	12 43	1 18	4 15	0 40	12 38	0 29	5 55	16 44	13 56	13 48	12 26	2 47	3 3	
S 10	17 28	12 57	0 22	6 51	3 1	0n15	1 0	24 39	1 12	17 38	0 47	12 42	1 18	4 16	0 40	12 37	0 29	5 55	16 44	13 56	13 46	12 24	2 45	3 2	
M11	17 43	16 0	0n52	6 58	3 6	0 33	1 5	24 39	1 12	17 42	0 47	12 41	1 18	4 18	0 40	12 37	0 29	5 55	16 44	13 56	13 45	12 22	2 44	3 2	
T 12	17 59	18 13	2 5	7 8	3 11	0 52	1 9	24 40	1 12	17 46	0 47	12 40	1 18	4 19	0 40	12 37	0 30	5 54	16 44	13 56	13 44	12 20	2 42	3 1	
W13	18 14	19 23	3 11	7 19	3 14	1 10	1 14	24 39	1 12	17 49	0 47	12 39	1 18	4 20	0 40	12 37	0 30	5 54	16 45	13 56	13 43	12 19	2 41	3 0	
T 14	18 29	19 20	4 7	7 33	3 17	1 29	1 19	24 39	1 12	17 53	0 47	12 39	1 19	4 21	0 40	12 37	0 30	5 54	16 45	13 55	13 42	12 17	2 40	3 0	
F 15	18 43	18 4	4 48	7 48	3 19	1 49	1 23	24 39	1 12	17 56	0 47	12 38	1 19	4 22	0 40	12 37	0 30	5 53	16 45	13 54	13 41	12 15	2 39	3 0	
S 16	18 58	15 39	5 11	8 5	3 21	2 8	1 27	24 38	1 12	18 0	0 46	12 37	1 19	4 23	0 40	12 36	0 30	5 53	16 45	13 54	13 40	12 13	2 38	2 58	
S 17	19 11	12 17	5 14	8 24	3 21	2 28	1 31	24 37	1 13	18 4	0 46	12 36	1 19	4 24	0 40	12 36	0 30	5 53	16 45	13 53	13 39	12 12	2 36	2 58	
M18	19 25	8 14	4 59	8 45	3 21	2 48	1 35	24 36	1 13	18 7	0 46	12 36	1 19	4 25	0 40	12 36	0 30	5 53	16 45	13 53	13 38	12 10	2 35	2 57	
T 19	19 38	3 45	4 25	9 7	3 20	3 8	1 39	24 35	1 13	18 11	0 46	12 35	1 20	4 26	0 40	12 36	0 30	5 52	16 45	13 53	13 37	12 8	2 34	2 56	
W20	19 51	0n54	3 36	9 30	3 19	3 28	1 43	24 33	1 13	18 14	0 46	12 35	1 20	4 27	0 40	12 36	0 30	5 52	16 46	13 54	13 36	12 6	2 33	2 56	
T 21	20 4	5 27	2 35	9 55	3 17	3 49	1 46	24 32	1 13	18 18	0 46	12 34	1 20	4 28	0 40	12 36	0 30	5 52	16 46	13 54	13 35	12 5	2 32	2 55	
F 22	20 16	9 40	1 26	10 21	3 14	4 10	1 49	24 30	1 13	18 21	0 46	12 33	1 20	4 29	0 40	12 36	0 30	5 52	16 46	13 55	13 34	12 3	2 32	2 54	
S 23	20 28	13 20	0 13	10 49	3 10	4 30	1 52	24 28	1 13	18 24	0 46	12 33	1 20	4 30	0 40	12 36	0 30	5 51	16 46	13 55	13 33	12 1	2 31	2 54	
S 24	20 39	16 16	0s59	11 17	3 6	4 51	1 55	24 26	1 13	18 28	0 46	12 32	1 21	4 31	0 40	12 36	0 30	5 51	16 46	13 55	13 32	11 59	2 30	2 53	
M25	20 51	18 18	2 7	11 47	3 1	5 12	1 58	24 24	1 13	18 31	0 46	12 32	1 21	4 32	0 40	12 35	0 30	5 51	16 47	13 54	13 31	11 58	2 29	2 52	
T 26	21 1	19 22	3 7	12 18	2 56	5 34	2 1	24 21	1 13	18 35	0 46	12 32	1 21	4 33	0 40	12 35	0 30	5 51	16 47	13 53	13 30	11 56	2 28	2 53	
W27	21 12	19 27	3 57	12 49	2 50	5 55	2 3	24 18	1 13	18 38	0 46	12 31	1 21	4 34	0 40	12 35	0 30	5 51	16 47	13 52	13 29	11 54	2 28	2 51	
T 28	21 22	18 36	4 35	13 21	2 44	6 16	2 6	24 15	1 13	18 41	0 46	12 31	1 21	4 35	0 40	12 35	0 30	5 50	16 47	13 50	13 28	11 52	2 27	2 51	
F 29	21 32	16 54	5 0	13 54	2 37	6 37	2 8	24 12	1 13	18 45	0 46	12 31	1 22	4 36	0 40	12 35	0 30	5 50	16 47	13 49	13 27	11 51	2 27	2 50	
S 30	21 41	14 29	5 11	14 27	2 29	6 59	2 10	24 9	1 13	18 48	0 46	12 30	1 22	4 36	0 40	12 35	0 30	5 50	16 48	13 47	13 25	11 49	2 26	2 49	
S 31	21n50	11n30	5s 9	15n 1	2s21	7n20	2s12	24n 6	1n13	18n51	0s46	12s30	1s22	4n37	0s40	12s35	0s30	5s50	16s48	13s46	13s24	11n47	2s26	2s49	

Julian Day Number = 2395417.5, Delta T = 8.24 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°35'40, Lahiri = 21°42'40

ASTRODIENST EPHEMERIS for the year 1846

geocentric

JUNE 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 36 23	10 ^{II} 4'32	26 ^Ω 36	19 [♂] 54	25 [♀] 16	13 [♂] 1	27 [♂] 37	0 [♂] 44	13 [♀] 17	28 [♂] 10	25 [♀] 26	6 [♂] 40	5 [♂] 34	14 [♂] 1	29 [♂] 38	M 1
T 2	16 40 20	11° 2'00	8 [♂] 30	21°34	26°20	13°39	27°51	0°45	13°20	28 [♂] 10	25°27	6°D39	5°31	14° 8	29°38	T 2
W 3	16 44 16	11°59'26	20°32	23°16	27°24	14°17	28° 5	0°46	13°22	28°10	25°28	6 [♂] 39	5°28	14°14	29°39	W 3
T 4	16 48 13	12°56'51	2 [♂] 46	25° 0	28°28	14°55	28°19	0°47	13°24	28°10	25°29	6°41	5°25	14°21	29°39	T 4
F 5	16 52 9	13°54'15	15°16	26°47	29°33	15°33	28°33	0°48	13°26	28°10	25°30	6°42	5°22	14°28	29°40	F 5
S 6	16 56 6	14°51'38	28° 6	28°37	0 [♂] 37	16°11	28°47	0°48	13°28	28° 9	25°31	6°43	5°18	14°35	29°41	S 6
S 7	17 0 3	15°49'00	11 [♂] 20	0 ^{II} 29	1°42	16°49	29° 0	0°49	13°30	28° 9	25°32	6°R44	5°15	14°41	29°42	S 7
M 8	17 3 59	16°46'21	24°59	2°23	2°47	17°27	29°14	0°49	13°32	28° 9	25°33	6°42	5°12	14°48	29°44	M 8
T 9	17 7 56	17°43'42	9 [♂] 2	4°20	3°53	18° 5	29°28	0°49	13°34	28° 9	25°34	6°39	5° 9	14°55	29°45	T 9
W10	17 11 52	18°41'01	23°25	6°19	4°58	18°43	29°42	0°49	13°36	28° 8	25°35	6°34	5° 6	15° 2	29°46	W10
T 11	17 15 49	19°38'20	8 [♂] 3	8°20	6° 4	19°20	29°55	0°R49	13°38	28° 8	25°35	6°28	5° 3	15° 8	29°48	T 11
F 12	17 19 45	20°35'38	22°49	10°23	7° 9	19°58	0 ^{II} 9	0°49	13°39	28° 8	25°36	6°22	4°59	15°15	29°49	F 12
S 13	17 23 42	21°32'55	7 [♂] 35	12°28	8°15	20°36	0°23	0°49	13°41	28° 7	25°37	6°16	4°56	15°22	29°51	S 13
S 14	17 27 38	22°30'12	22°14	14°34	9°22	21°14	0°36	0°49	13°43	28° 7	25°38	6°11	4°53	15°28	29°53	S 14
M15	17 31 35	23°27'29	6 [♂] 39	16°42	10°28	21°52	0°50	0°49	13°45	28° 7	25°39	6° 8	4°50	15°35	29°55	M15
T 16	17 35 32	24°24'45	20°49	18°51	11°34	22°30	1° 3	0°48	13°46	28° 6	25°40	6°D 6	4°47	15°42	29°57	T 16
W17	17 39 28	25°22'02	4 [♀] 41	21° 2	12°41	23° 8	1°17	0°48	13°48	28° 6	25°41	6° 7	4°44	15°49	29°59	W17
T 18	17 43 25	26°19'18	18°15	23°13	13°47	23°46	1°30	0°47	13°49	28° 5	25°41	6° 8	4°40	15°55	0 [♂] 2	T 18
F 19	17 47 21	27°16'33	1 [♂] 34	25°24	14°54	24°24	1°44	0°46	13°51	28° 4	25°42	6°R 9	4°37	16° 2	0° 4	F 19
S 20	17 51 18	28°13'49	14°38	27°36	16° 1	25° 2	1°57	0°46	13°52	28° 4	25°43	6° 8	4°34	16° 9	0° 7	S 20
S 21	17 55 14	29°11'05	27°30	29°47	17° 8	25°40	2°11	0°45	13°54	28° 3	25°44	6° 6	4°31	16°15	0° 9	S 21
M22	17 59 11	0 [♂] 8'20	10 ^{II} 9	1 [♂] 59	18°16	26°17	2°24	0°44	13°55	28° 3	25°44	6° 2	4°28	16°22	0°12	M22
T 23	18 3 7	1° 5'35	22°39	4° 9	19°23	26°55	2°37	0°43	13°56	28° 2	25°45	5°55	4°24	16°29	0°15	T 23
W24	18 7 4	2° 2'50	4 [♂] 58	6°19	20°30	27°33	2°50	0°41	13°58	28° 1	25°46	5°46	4°21	16°36	0°18	W24
T 25	18 11 1	3° 0'04	17° 9	8°27	21°38	28°11	3° 3	0°40	13°59	28° 0	25°46	5°36	4°18	16°42	0°21	T 25
F 26	18 14 57	3°57'18	29°12	10°35	22°46	28°49	3°17	0°39	14° 0	28° 0	25°47	5°25	4°15	16°49	0°24	F 26
S 27	18 18 54	4°54'32	11 [♂] 8	12°41	23°53	29°27	3°30	0°37	14° 1	27°59	25°48	5°15	4°12	16°56	0°27	S 27
S 28	18 22 50	5°51'46	23° 0	14°45	25° 1	0 [♂] 5	3°43	0°36	14° 2	27°58	25°48	5° 6	4° 9	17° 3	0°31	S 28
M29	18 26 47	6°48'59	4 [♂] 51	16°48	26° 9	0°43	3°56	0°34	14° 3	27°57	25°49	4°59	4° 5	17° 9	0°34	M29
T 30	18 30 43	7 [♂] 46'11	16 [♂] 44	18 [♂] 49	27 [♂] 17	1 [♂] 20	4 ^{II} 8	0 [♂] 32	14 [♀] 4	27 [♂] 56	25 [♀] 49	4 [♂] 54	4 [♂] 2	17 [♂] 16	0 [♂] 38	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	21n59	8n 3	4s53	15n36	2s13	7n42	2s14	24n 2	1n13	18n54	0s45	12s30	1s22	4n38	0s40	12s35	0s30	5s50	16s48	13s45	13s23	11n45	2s25	2s48	
T 2	22 7	4 17	4 25	16 10	2 4	8 3	2 16	23 58	1 13	18 57	0 45	12 30	1 22	4 39	0 40	12 35	0 30	5 50	16 48	13 45	13 22	11 44	2 25	2 47	
W 3	22 15	0 18	3 45	16 45	1 55	8 25	2 17	23 54	1 13	19 1	0 45	12 30	1 23	4 40	0 40	12 36	0 30	5 49	16 49	13 45	13 21	11 42	2 24	2 47	
T 4	22 22	3s46	2 54	17 20	1 45	8 46	2 19	23 50	1 13	19 4	0 45	12 30	1 23	4 41	0 40	12 36	0 30	5 49	16 49	13 45	13 20	11 40	2 24	2 46	
F 5	22 29	7 46	1 54	17 55	1 35	9 8	2 20	23 46	1 13	19 7	0 45	12 30	1 23	4 41	0 40	12 36	0 30	5 49	16 49	13 46	13 19	11 38	2 24	2 45	
S 6	22 36	11 32	0 47	18 29	1 25	9 29	2 21	23 41	1 13	19 10	0 45	12 30	1 23	4 42	0 40	12 36	0 30	5 49	16 49	13 46	13 18	11 36	2 24	2 45	
S 7	22 42	14 51	0n25	19 3	1 14	9 51	2 23	23 37	1 13	19 13	0 45	12 30	1 24	4 43	0 40	12 36	0 30	5 49	16 50	13 46	13 17	11 35	2 23	2 44	
M 8	22 48	17 27	1 38	19 37	1 4	10 12	2 24	23 32	1 13	19 16	0 45	12 30	1 24	4 44	0 40	12 36	0 30	5 49	16 50	13 46	13 16	11 33	2 23	2 43	
T 9	22 53	19 5	2 46	20 10	0 53	10 33	2 24	23 27	1 13	19 19	0 45	12 30	1 24	4 44	0 40	12 36	0 30	5 49	16 50	13 45	13 15	11 31	2 23	2 43	
W10	22 58	19 32	3 46	20 42	0 42	10 54	2 25	23 22	1 13	19 22	0 45	12 30	1 24	4 45	0 40	12 36	0 30	5 49	16 50	13 43	13 14	11 29	2 23	2 42	
T 11	23 3	18 42	4 32	21 13	0 30	11 16	2 26	23 16	1 13	19 25	0 45	12 30	1 24	4 46	0 40	12 36	0 30	5 49	16 51	13 41	13 13	11 28	2 23	2 41	
F 12	23 7	16 36	5 0	21 42	0 19	11 37	2 26	23 11	1 13	19 28	0 45	12 30	1 25	4 46	0 40	12 36	0 30	5 49	16 51	13 39	13 12	11 26	2 23	2 41	
S 13	23 11	13 25	5 8	22 10	0 8	11 57	2 26	23 5	1 13	19 31	0 45	12 31	1 25	4 47	0 40	12 37	0 30	5 49	16 51	13 37	13 11	11 24	2 23	2 40	
S 14	23 15	9 26	4 56	22 36	0n 3	12 18	2 27	22 59	1 13	19 34	0 45	12 31	1 25	4 48	0 40	12 37	0 30	5 49	16 51	13 35	13 10	11 22	2 24	2 39	
M15	23 18	4 57	4 26	23 1	0 13	12 39	2 27	22 53	1 13	19 36	0 45	12 31	1 25	4 48	0 40	12 37	0 30	5 49	16 52	13 34	13 9	11 20	2 24	2 39	
T 16	23 20	0 17	3 40	23 23	0 24	12 59	2 27	22 47	1 13	19 39	0 45	12 32	1 25	4 49	0 40	12 37	0 30	5 49	16 52	13 34	13 7	11 19	2 24	2 38	
W17	23 23	4n20	2 41	23 43	0 34	13 19	2 27	22 40	1 13	19 42	0 45	12 32	1 26	4 50	0 40	12 37	0 30	5 49	16 52	13 34	13 6	11 17	2 24	2 38	
T 18	23 24	8 38	1 35	24 1	0 44	13 39	2 27	22 34	1 13	19 45	0 45	12 32	1 26	4 50	0 40	12 38	0 31	5 49	16 53	13 34	13 5	11 15	2 25	2 37	
F 19	23 26	12 25	0 25	24 16	0 53	13 59	2 26	22 27	1 13	19 47	0 45	12 33	1 26	4 51	0 40	12 38	0 31	5 49	16 53	13 35	13 4	11 13	2 25	2 36	
S 20	23 27	15 31	0s46	24 28	1 2	14 19	2 26	22 20	1 13	19 50	0 45	12 33	1 26	4 51	0 41	12 38	0 31	5 49	16 53	13 35	13 3	11 12	2 25	2 36	
S 21	23 27	17 48	1 52	24 37	1 10	14 38	2 25	22 13	1 13	19 53	0 45	12 34	1 26	4 52	0 41	12 38	0 31	5 49	16 54	13 34	13 2	11 10	2 26	2 35	
M22	23 27	19 9	2 52	24 44	1 17	14 58	2 25	22 6	1 13	19 56	0 45	12 34	1 27	4 52	0 41	12 38	0 31	5 49	16 54	13 32	13 1	11 8	2 26	2 34	
T 23	23 27	19 33	3 42	24 48	1 24	15 16	2 24	21 59	1 13	19 58	0 45	12 35	1 27	4 53	0 41	12 39	0 31	5 49	16 54	13 30	13 0	11 6	2 27	2 34	
W24	23 26	19 0	4 22	24 49	1 30	15 35	2 23	21 51	1 13	20 1	0 45	12 36	1 27	4 53	0 41	12 39	0 31	5 49	16 54	13 27	12 59	11 4	2 28	2 33	
T 25	23 25	17 35	4 49	24 47	1 36	15 54	2 22	21 44	1 13	20 3	0 45	12 36	1 27	4 54	0 41	12 39	0 31	5 49	16 55	13 24	12 58	11 3	2 28	2 33	
F 26	23 24	15 24	5 2	24 42	1 41	16 12	2 21	21 36	1 13	20 6	0 45	12 37	1 27	4 54	0 41	12 40	0 31	5 49	16 55	13 20	12 57	11 1	2 29	2 32	
S 27	23 22	12 36	5 2	24 35	1 45	16 29	2 20	21 28	1 13	20 8	0 45	12 38	1 28	4 54	0 41	12 40	0 31	5 49	16 55	13 17	12 56	10 59	2 30	2 31	
S 28	23 20	9 18	4 49	24 26	1 48	16 47	2 19	21 20	1 13	20 11	0 45	12 38	1 28	4 55	0 41	12 40	0 31	5 49	16 56	13 14	12 55	10 57	2 31	2 31	
M29	23 17	5 38	4 24	24 13	1 50	17 4	2 18	21 12	1 12	20 13	0 45	12 39	1 28	4 55	0 41	12 41	0 31	5 49	16 56	13 12	12 54	10 55	2 31	2 30	
T 30	23n14	1n45	3s47	23n59	1n52	17n21	2s17	21n 3	1n12	20n16	0s45	12s40	1s28	4n56	0s41	12s41	0s31	5s49	16s56	13s10	12s52	10n54	2s32	2s29	

ASTRODIENST EPHEMERIS for the year 1846
geocentric

JULY 1846

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	18 34 40	8 ^h 43'24"	28 ^m 44"	20 ^s 48	28 ^h 26	1 ^h 058	4 ^h 21	0°R30	14 ^h 5	27°R55	25 ^h 50	4°R52	3 ^h 59	17 ^h 023	0 ^h 42	W 1
T 2	18 38 36	9°40'35"	10 ^m 54"	22°45'	29°34'	2°36'	4°34'	0 ^h 29	14°6'	27°54'	25°50'	4°D52	3°56'	17°29'	0°45'	T 2
F 3	18 42 33	10°37'47"	23°22'	24°41'	0 ^h 42	3°14'	4°47'	0°26'	14°7'	27°54'	25°51'	4 ^h 52	3°53'	17°36'	0°49'	F 3
S 4	18 46 30	11°34'59"	6 ^m 11	26°34'	1°51'	3°52'	4°59'	0°24'	14°8'	27°53'	25°51'	4°R52	3°50'	17°43'	0°53'	S 4
S 5	18 50 26	12°32'10"	19°24'	28°25'	3°0'	4°30'	5°12'	0°22'	14°9'	27°52'	25°52'	4°51'	3°46'	17°50'	0°57'	S 5
M 6	18 54 23	13°29'21"	3 ^m 6	0 ^h 15	4°8'	5°8'	5°24'	0°20'	14°9'	27°50'	25°52'	4°49'	3°43'	17°56'	1°2'	M 6
T 7	18 58 19	14°26'32"	17°17'	2°2'	5°17'	5°46'	5°37'	0°18'	14°10'	27°49'	25°53'	4°43'	3°40'	18°3'	1°6'	T 7
W 8	19 2 16	15°23'43"	1 ^h 35	3°47'	6°26'	6°23'	5°49'	0°15'	14°11'	27°48'	25°53'	4°36'	3°37'	18°10'	1°10'	W 8
T 9	19 6 12	16°20'55"	16°50'	5°31'	7°35'	7°1'	6°2'	0°13'	14°11'	27°47'	25°54'	4°26'	3°34'	18°16'	1°15'	T 9
F 10	19 10 9	17°18'06"	1 ^h 57	7°12'	8°44'	7°39'	6°14'	0°10'	14°12'	27°46'	25°54'	4°16'	3°30'	18°23'	1°19'	F 10
S 11	19 14 5	18°15'18"	17°5'	8°52'	9°53'	8°17'	6°26'	0°7'	14°12'	27°45'	25°54'	4°7'	3°27'	18°30'	1°24'	S 11
S 12	19 18 2	19°12'30"	2 ^h 4	10°29'	11°3'	8°55'	6°38'	0°4'	14°13'	27°44'	25°55'	3°59'	3°24'	18°37'	1°29'	S 12
M13	19 21 59	20°9'42"	16°46'	12°4'	12°12'	9°33'	6°50'	0°2'	14°13'	27°43'	25°55'	3°53'	3°21'	18°43'	1°34'	M13
T 14	19 25 55	21°6'55"	1 ^h 5	13°38'	13°21'	10°11'	7°2'	29°59	14°13'	27°41'	25°55'	3°50'	3°18'	18°50'	1°38'	T 14
W15	19 29 52	22°4'09"	15°0'	15°9'	14°31'	10°48'	7°14'	29°56	14°13'	27°40'	25°55'	3°48'	3°15'	18°57'	1°43'	W15
T 16	19 33 48	23°1'23"	28°32'	16°38'	15°41'	11°26'	7°26'	29°53	14°14'	27°39'	25°56'	3°48'	3°11'	19°3'	1°49'	T 16
F 17	19 37 45	23°58'39"	11 ^h 42	18°6'	16°50'	12°4'	7°38'	29°49	14°14'	27°38'	25°56'	3°48'	3°8'	19°10'	1°54'	F 17
S 18	19 41 41	24°55'54"	24°34'	19°31'	18°0'	12°42'	7°49'	29°46	14°14'	27°36'	25°56'	3°47'	3°5'	19°17'	1°59'	S 18
S 19	19 45 38	25°53'11"	7 ^h 11	20°54'	19°10'	13°20'	8°1'	29°43	14°14'	27°35'	25°56'	3°43'	3°2'	19°24'	2°4'	S 19
M20	19 49 34	26°50'29"	19°36'	22°15'	20°20'	13°58'	8°12'	29°40	14°R14	27°34'	25°56'	3°37'	2°59'	19°30'	2°10'	M20
T 21	19 53 31	27°47'47"	1 ^h 52	23°34'	21°30'	14°36'	8°24'	29°36	14°14'	27°32'	25°57'	3°28'	2°56'	19°37'	2°15'	T 21
W22	19 57 28	28°45'06"	13°59'	24°50'	22°40'	15°14'	8°35'	29°33	14°14'	27°31'	25°57'	3°16'	2°52'	19°44'	2°21'	W22
T 23	20 1 24	29°42'25"	26°1'	26°5'	23°50'	15°52'	8°46'	29°29	14°14'	27°30'	25°57'	3°3'	2°49'	19°51'	2°27'	T 23
F 24	20 5 21	0 ^h 39'45"	7 ^h 057	27°17'	25°1'	16°30'	8°58'	29°25	14°14'	27°28'	25°57'	2°49'	2°46'	19°57'	2°33'	F 24
S 25	20 9 17	1°37'06"	19°50'	28°26'	26°11'	17°8'	9°9'	29°22	14°14'	27°27'	25°57'	2°36'	2°43'	20°4'	2°38'	S 25
S 26	20 13 14	2°34'28"	1 ^h 41	29°33'	27°22'	17°45'	9°20'	29°18	14°13'	27°25'	25°57'	2°24'	2°40'	20°11'	2°44'	S 26
M27	20 17 10	3°31'50"	13°31'	0 ^h 38	28°32'	18°23'	9°31'	29°14	14°13'	27°24'	25°R57	2°14'	2°36'	20°17'	2°50'	M27
T 28	20 21 7	4°29'12"	25°24'	1°40'	29°43'	19°1'	9°41'	29°10	14°13'	27°22'	25°57'	2°8'	2°33'	20°24'	2°56'	T 28
W29	20 25 3	5°26'35"	7 ^h 24	2°39'	0 ^h 53	19°39'	9°52'	29°6	14°12'	27°21'	25°57'	2°4'	2°30'	20°31'	3°3'	W29
T 30	20 29 0	6°23'59"	19°34'	3°35'	2°4'	20°17'	10°3'	29°2	14°12'	27°19'	25°57'	2°2'	2°27'	20°38'	3°9'	T 30
F 31	20 32 57	7 ^h 02'21"3	1 ^h 58	4 ^h 28	3 ^h 15	20 ^h 055	10 ^h 13	28°58	14°11	27°18	25°57	2 ^h 2	2 ^h 24	20 ^h 044	3 ^h 15	F 31

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n10	2s15	3s 0	23n43	1n53	17n38	2s15	20n55	1n12	20n18	0s45	12s41	1s28	4n56	0s41	12s41	0s31	5s49	16s57	13s 9	12s51	10n52	2s33	2s29
T 2	23 6	6 13	2 4	23 24	1 53	17 54	2 14	20 46	1 12	20 20	0 45	12 42	1 29	4 56	0 41	12 42	0 31	5 49	16 57	13 9	12 50	10 50	2 34	2 28
F 3	23 2	10 1	1 1	23 4	1 53	18 10	2 12	20 37	1 12	20 23	0 45	12 43	1 29	4 57	0 41	12 42	0 31	5 50	16 57	13 9	12 49	10 48	2 35	2 28
S 4	22 57	13 29	0n 7	22 41	1 52	18 25	2 10	20 28	1 12	20 25	0 45	12 44	1 29	4 57	0 41	12 42	0 31	5 50	16 58	13 9	12 48	10 46	2 36	2 27
S 5	22 52	16 22	1 17	22 18	1 50	18 40	2 9	20 19	1 12	20 27	0 45	12 44	1 29	4 57	0 41	12 43	0 31	5 50	16 58	13 9	12 47	10 45	2 37	2 27
M 6	22 46	18 26	2 24	21 52	1 48	18 55	2 7	20 10	1 12	20 29	0 45	12 45	1 29	4 57	0 41	12 43	0 31	5 50	16 58	13 8	12 46	10 43	2 38	2 26
T 7	22 40	19 27	3 25	21 26	1 45	19 9	2 5	20 0	1 12	20 32	0 45	12 46	1 30	4 58	0 41	12 43	0 31	5 50	16 59	13 6	12 45	10 41	2 40	2 25
W 8	22 34	19 12	4 14	20 58	1 42	19 23	2 3	19 51	1 12	20 34	0 45	12 48	1 30	4 58	0 41	12 44	0 31	5 50	16 59	13 4	12 44	10 39	2 41	2 25
T 9	22 27	17 38	4 48	20 29	1 37	19 36	2 1	19 41	1 12	20 36	0 44	12 49	1 30	4 58	0 41	12 44	0 31	5 51	16 59	13 1	12 43	10 37	2 42	2 24
F 10	22 20	14 50	5 1	19 59	1 33	19 49	1 59	19 31	1 12	20 38	0 44	12 50	1 30	4 58	0 41	12 45	0 31	5 51	17 0	12 57	12 42	10 36	2 43	2 24
S 11	22 13	11 3	4 54	19 28	1 28	20 1	1 57	19 21	1 11	20 40	0 44	12 51	1 30	4 58	0 41	12 45	0 31	5 51	17 0	12 54	12 41	10 34	2 45	2 23
S 12	22 5	6 36	4 27	18 56	1 22	20 13	1 55	19 11	1 11	20 42	0 44	12 52	1 31	4 58	0 41	12 45	0 31	5 51	17 0	12 51	12 40	10 32	2 46	2 22
M13	21 57	1 49	3 42	18 24	1 16	20 25	1 52	19 1	1 11	20 44	0 44	12 53	1 31	4 59	0 41	12 46	0 31	5 51	17 1	12 49	12 38	10 30	2 47	2 22
T 14	21 48	2n56	2 44	17 51	1 9	20 36	1 50	18 51	1 11	20 46	0 44	12 54	1 31	4 59	0 41	12 46	0 31	5 52	17 1	12 48	12 37	10 28	2 49	2 21
W15	21 39	7 25	1 38	17 18	1 2	20 46	1 48	18 40	1 11	20 48	0 44	12 56	1 31	4 59	0 41	12 47	0 31	5 52	17 1	12 48	12 36	10 26	2 50	2 21
T 16	21 29	11 24	0 28	16 44	0 55	20 56	1 45	18 30	1 11	20 50	0 44	12 57	1 31	4 59	0 41	12 47	0 31	5 52	17 2	12 48	12 35	10 25	2 52	2 20
F 17	21 20	14 42	0s42	16 9	0 47	21 6	1 43	18 19	1 11	20 52	0 45	12 58	1 31	4 59	0 41	12 48	0 31	5 52	17 2	12 48	12 34	10 23	2 53	2 20
S 18	21 10	17 11	1 48	15 35	0 38	21 15	1 40	18 8	1 11	20 54	0 45	12 59	1 32	4 59	0 41	12 48	0 31	5 53	17 2	12 47	12 33	10 21	2 55	2 19
S 19	20 59	18 47	2 47	15 0	0 30	21 23	1 38	17 57	1 11	20 56	0 45	13 1	1 32	4 59	0 41	12 49	0 31	5 53	17 3	12 46	12 32	10 19	2 57	2 19
M20	20 48	19 27	3 37	14 26	0 21	21 31	1 35	17 46	1 10	20 58	0 45	13 2	1 32	4 59	0 41	12 49	0 31	5 53	17 3	12 44	12 31	10 17	2 58	2 18
T 21	20 37	19 11	4 16	13 51	0 11	21 39	1 32	17 35	1 10	20 59	0 45	13 3	1 32	4 59	0 41	12 50	0 31	5 53	17 3	12 41	12 30	10 16	3 0	2 17
W22	20 26	18 2	4 43	13 16	0 1	21 46	1 30	17 24	1 10	21 1	0 45	13 5	1 32	4 59	0 41	12 50	0 31	5 54	17 4	12 37	12 29	10 14	3 2	2 17
T 23	20 14	16 5	4 57	12 42	0s 9	21 52	1 27	17 13	1 10	21 3	0 45	13 6	1 32	4 59	0 41	12 51	0 31	5 54	17 4	12 32	12 28	10 12	3 4	2 16
F 24	20 1	13 29	4 58	12 8	0 19	21 58	1 24	17 1	1 10	21 5	0 45	13 8	1 33	4 59	0 42	12 51	0 31	5 54	17 4	12 28	12 26	10 10	3 5	2 16
S 25	19 49	10 20	4 46	11 34	0 29	22 3	1 21	16 49	1 10	21 6	0 45	13 9	1 33	4 59	0 42	12 52	0 31	5 55	17 5	12 23	12 25	10 8	3 7	2 15
S 26	19 36	6 48	4 22	11 0	0 40	22 7	1 19	16 38	1 10	21 8	0 45	13 11	1 33	4 58	0 42	12 52	0 31	5 55	17 5	12 19	12 24	10 6	3 9	2 15
M27	19 23	3 0	3 46	10 27	0 51	22 11	1 16	16 26	1 10	21 9	0 45	13 12	1 33	4 58	0 42	12 53	0 31	5 55	17 6	12 16	12 23	10 5	3 11	2 14
T 28	19 9	0s56	3 1	9 55	1 3	22 15	1 13	16 14	1 9	21 11	0 45	13 14	1 33	4 58	0 42	12 53	0 31	5 56	17 6	12 13	12 22	10 3	3 13	2 14
W29	18 55	4 52	2 6	9 23	1 14	22 17	1 10	16 2	1 9	21 13	0 45	13 15	1 33	4 58	0 42	12 54	0 31	5 56	17 6	12 12	12 21	10 1	3 15	2 13
T 30	18 41	8 40	1 5	8 52	1 16	22 19	1 7	15 50	1 9	21 14	0 45	13 17	1 33	4 58	0 42	12 54	0 31	5 56	17 7	12 11	12 20	9 59	3 17	2 13
F 31	18n27	12s10	0s 0	8n22	1s37	22n21	1s 4	15n37	1n 9	21n16	0s45	13s18	1s34	4n57	0s42	12s55	0s31	5s57	17s 7	12s11	12s19	9n57	3s19	2s12

ASTRODIENST EPHEMERIS for the year 1846
geocentric

AUGUST 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 36 53	8♏18'48	14♐43	5♐18	4♏26	21♏33	10♐23	28°R54	14°R11	27°R16	25°R57	2°R 1	2♐21	20♏51	3♏22	S 1
S 2	20 40 50	9°16'14	27°52	6° 5	5°37	22°11	10°34	28°50	14°Y10	27°15	25°Y56	2♐ 1	2°17	20°58	3°28	S 2
M 3	20 44 46	10°13'40	11♊30	6°48	6°48	22°49	10°44	28°46	14° 9	27°13	25°56	1°58	2°14	21° 4	3°35	M 3
T 4	20 48 43	11°11'07	25°37	7°27	7°59	23°27	10°54	28°42	14° 9	27°12	25°56	1°53	2°11	21°11	3°41	T 4
W 5	20 52 39	12° 8'35	10♊31	8° 3	9°10	24° 5	11° 4	28°38	14° 8	27°10	25°56	1°45	2° 8	21°18	3°48	W 5
T 6	20 56 36	13° 6'04	25°13	8°35	10°21	24°43	11°14	28°34	14° 7	27° 9	25°56	1°35	2° 5	21°25	3°55	T 6
F 7	21 0 32	14° 3'34	10♊28	9° 2	11°32	25°21	11°24	28°29	14° 6	27° 7	25°56	1°25	2° 2	21°31	4° 1	F 7
S 8	21 4 29	15° 1'04	25°48	9°25	12°44	25°59	11°33	28°25	14° 6	27° 5	25°55	1°15	1°58	21°38	4° 8	S 8
S 9	21 8 26	15°58'36	11♋ 0	9°43	13°55	26°37	11°43	28°21	14° 5	27° 4	25°55	1° 6	1°55	21°45	4°15	S 9
M10	21 12 22	16°56'09	25°56	9°57	15° 7	27°15	11°52	28°16	14° 4	27° 2	25°55	1° 0	1°52	21°51	4°22	M10
T 11	21 16 19	17°53'43	10°Y28	10° 5	16°18	27°53	12° 1	28°12	14° 3	27° 1	25°54	0°56	1°49	21°58	4°29	T 11
W12	21 20 15	18°51'19	24°33	10°R 9	17°30	28°31	12°11	28° 7	14° 2	26°59	25°54	0°55	1°46	22° 5	4°36	W12
T 13	21 24 12	19°48'57	8♊10	10° 6	18°42	29° 9	12°20	28° 3	14° 1	26°57	25°54	0°D55	1°42	22°12	4°44	T 13
F 14	21 28 8	20°46'36	21°21	9°59	19°54	29°47	12°29	27°58	13°59	26°56	25°53	0°R55	1°39	22°18	4°51	F 14
S 15	21 32 5	21°44'16	4♐10	9°45	21° 5	0♐25	12°37	27°54	13°58	26°54	25°53	0°55	1°36	22°25	4°58	S 15
S 16	21 36 1	22°41'58	16°42	9°26	22°17	1° 3	12°46	27°49	13°57	26°52	25°53	0°52	1°33	22°32	5° 5	S 16
M17	21 39 58	23°39'42	28°59	9° 2	23°29	1°42	12°55	27°45	13°56	26°51	25°52	0°47	1°30	22°38	5°13	M17
T 18	21 43 55	24°37'27	11♋ 6	8°32	24°41	2°20	13° 3	27°40	13°55	26°49	25°52	0°40	1°27	22°45	5°20	T 18
W19	21 47 51	25°35'14	23° 6	7°57	25°53	2°58	13°11	27°36	13°53	26°48	25°51	0°30	1°23	22°52	5°28	W19
T 20	21 51 48	26°33'03	5♏ 1	7°16	27° 6	3°36	13°19	27°31	13°52	26°46	25°51	0°18	1°20	22°59	5°35	T 20
F 21	21 55 44	27°30'52	16°53	6°32	28°18	4°14	13°27	27°27	13°50	26°44	25°50	0° 6	1°17	23° 5	5°43	F 21
S 22	21 59 41	28°28'44	28°44	5°44	29°30	4°52	13°35	27°22	13°49	26°43	25°50	29♏55	1°14	23°12	5°51	S 22
S 23	22 3 37	29°26'36	10♐36	4°52	0♏43	5°30	13°43	27°18	13°47	26°41	25°49	29°45	1°11	23°19	5°58	S 23
M24	22 7 34	0♐24'31	22°30	3°59	1°55	6° 9	13°51	27°13	13°46	26°39	25°49	29°37	1° 8	23°25	6° 6	M24
T 25	22 11 30	1°22'26	4♏28	3° 4	3° 8	6°47	13°58	27° 9	13°44	26°38	25°48	29°31	1° 4	23°32	6°14	T 25
W26	22 15 27	2°20'23	16°32	2° 9	4°20	7°25	14° 5	27° 4	13°43	26°36	25°47	29°28	1° 1	23°39	6°22	W26
T 27	22 19 24	3°18'22	28°46	1°16	5°33	8° 3	14°13	27° 0	13°41	26°34	25°47	29°D27	0°58	23°46	6°30	T 27
F 28	22 23 20	4°16'21	11♐13	0°24	6°45	8°42	14°20	26°55	13°39	26°33	25°46	29°28	0°55	23°52	6°38	F 28
S 29	22 27 17	5°14'23	23°58	29♏36	7°58	9°20	14°26	26°51	13°38	26°31	25°46	29°28	0°52	23°59	6°46	S 29
S 30	22 31 13	6°12'25	7♊ 4	28°52	9°11	9°58	14°33	26°46	13°36	26°30	25°45	29°R29	0°48	24° 6	6°54	S 30
M31	22 35 10	7♐10'29	20♊35	28♏14	10♏24	10♐36	14♐40	26°42	13°Y34	26°28	25°Y44	29♏38	0♐45	24♏12	7♏ 2	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	18n12	15s12	1n 7	7n53	1s49	22n22	1s 1	15n25	1n 9	21n17	0s45	13s20	1s34	4n57	0s42	12s55
S 2	17 57	17 33	2 12	7 25	2 1	22 22	0 58	15 12	1 9	21 19	0 45	13 21	1 34	4 57	0 42	12 56
M 3	17 42	19 0	3 13	6 58	2 13	22 22	0 55	15 0	1 8	21 20	0 45	13 23	1 34	4 57	0 42	12 56
T 4	17 26	19 20	4 3	6 32	2 25	22 21	0 52	14 47	1 8	21 21	0 45	13 24	1 34	4 56	0 42	12 57
W 5	17 10	18 24	4 40	6 8	2 37	22 20	0 49	14 34	1 8	21 23	0 45	13 26	1 34	4 56	0 42	12 57
T 6	16 54	16 12	4 59	5 45	2 49	22 17	0 46	14 22	1 8	21 24	0 45	13 28	1 34	4 56	0 42	12 58
F 7	16 37	12 51	4 57	5 24	3 1	22 15	0 43	14 9	1 8	21 25	0 45	13 29	1 35	4 55	0 42	12 59
S 8	16 21	8 37	4 34	5 5	3 12	22 11	0 40	13 56	1 8	21 27	0 45	13 31	1 35	4 55	0 42	12 59
S 9	16 4	3 52	3 52	4 47	3 23	22 7	0 37	13 43	1 7	21 28	0 45	13 32	1 35	4 55	0 42	13 0
M10	15 46	1n 3	2 54	4 32	3 34	22 3	0 34	13 29	1 7	21 29	0 45	13 34	1 35	4 54	0 42	13 0
T 11	15 29	5 47	1 46	4 19	3 45	21 57	0 31	13 16	1 7	21 30	0 45	13 36	1 35	4 54	0 42	13 1
W12	15 11	10 3	0 34	4 9	3 55	21 51	0 28	13 3	1 7	21 32	0 45	13 37	1 35	4 53	0 42	13 1
T 13	14 53	13 38	0s38	4 1	4 4	21 45	0 24	12 49	1 7	21 33	0 45	13 39	1 35	4 53	0 42	13 2
F 14	14 35	16 24	1 46	3 56	4 12	21 38	0 21	12 36	1 7	21 34	0 45	13 41	1 35	4 53	0 42	13 3
S 15	14 16	18 16	2 47	3 54	4 20	21 30	0 18	12 22	1 6	21 35	0 45	13 42	1 35	4 52	0 42	13 3
S 16	13 58	19 11	3 38	3 55	4 27	21 22	0 15	12 8	1 6	21 36	0 45	13 44	1 35	4 52	0 42	13 4
M17	13 39	19 9	4 18	3 59	4 32	21 13	0 12	11 54	1 6	21 37	0 45	13 46	1 36	4 51	0 42	13 4
T 18	13 19	18 15	4 46	4 6	4 37	21 3	0 9	11 41	1 6	21 38	0 45	13 47	1 36	4 51	0 42	13 5
W19	13 0	16 33	5 0	4 16	4 39	20 53	0 6	11 27	1 6	21 39	0 45	13 49	1 36	4 50	0 42	13 5
T 20	12 40	14 9	5 2	4 30	4 41	20 42	0 3	11 13	1 5	21 40	0 45	13 50	1 36	4 49	0 42	13 6
F 21	12 21	11 10	4 50	4 47	4 40	20 31	0 0	10 59	1 5	21 41	0 45	13 52	1 36	4 49	0 42	13 7
S 22	12 1	7 46	4 26	5 6	4 38	20 19	0n 2	10 44	1 5	21 42	0 45	13 54	1 36	4 48	0 42	13 7
S 23	11 41	4 3	3 50	5 29	4 34	20 6	0 5	10 30	1 5	21 43	0 45	13 55	1 36	4 48	0 42	13 8
M24	11 20	0 10	3 4	5 54	4 28	19 53	0 8	10 16	1 5	21 44	0 45	13 57	1 36	4 47	0 42	13 8
T 25	11 0	3s45	2 10	6 21	4 20	19 39	0 11	10 2	1 4	21 45	0 45	13 59	1 36	4 46	0 42	13 9
W26	10 39	7 34	1 9	6 49	4 10	19 25	0 14	9 47	1 4	21 45	0 45	14 0	1 36	4 46	0 42	13 9
T 27	10 18	11 6	0 4	7 19	3 58	19 10	0 17	9 33	1 4	21 46	0 45	14 2	1 36	4 45	0 42	13 10
F 28	9 57	14 13	1n 3	7 50	3 45	18 55	0 19	9 18	1 4	21 47	0 45	14 3	1 36	4 44	0 42	13 10
S 29	9 36	16 43	2 8	8 20	3 30	18 39	0 22	9 3	1 4	21 48	0 46	14 5	1 36	4 44	0 42	13 11
S 30	9 14	18 25	3 8	8 51	3 14	18 22	0 25	8 49	1 3	21 48	0 46	14 7	1 36	4 43	0 42	13 12
M31	8n53	19s 8	4n 0	9n20	2s57	18n 5	0n28	8n34	1n 3	21n49	0s46	14s 8	1s36	4n42	0s42	13s12

Julian Day Number = 2395509.5, Delta T = 8.30 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°35'53, Lahiri = 21°42'53

ASTRODIENST EPHEMERIS for the year 1846

geocentric

OCTOBER 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 37 23	7♂25'40	13♂ 3	1♂59	18♂28	0♂31	16♂38	24°R47	12°R26	25°R44	25°R16	28°R12	29♂ 7	27♂40	11♂26	T 1
F 2	0 41 19	8°24'44	27°49	3°47	19°42	1°10	16°38	24♂44	12°Y24	25♂43	25°Y15	28♂10	29° 4	27°47	11°35	F 2
S 3	0 45 16	9°23'49	12♂43	5°34	20°56	1°49	16°39	24°42	12°22	25°42	25°14	28° 7	29° 0	27°54	11°44	S 3
S 4	0 49 13	10°22'57	27°39	7°21	22°11	2°28	16°39	24°39	12°19	25°41	25°13	28° 5	28°57	28° 0	11°53	S 4
M 5	0 53 9	11°22'06	12°Y27	9° 7	23°25	3° 7	16°40	24°37	12°17	25°40	25°12	28° 4	28°54	28° 7	12° 2	M 5
T 6	0 57 6	12°21'17	27° 1	10°52	24°40	3°46	16°R40	24°35	12°14	25°39	25°11	28°D 3	28°51	28°14	12°10	T 6
W 7	1 1 2	13°20'31	11♂14	12°37	25°54	4°24	16°39	24°32	12°12	25°38	25° 9	28° 4	28°48	28°21	12°19	W 7
T 8	1 4 59	14°19'47	25° 3	14°21	27° 9	5° 3	16°39	24°30	12° 9	25°37	25° 8	28° 4	28°44	28°27	12°28	T 8
F 9	1 8 55	15°19'05	8♂26	16° 4	28°24	5°42	16°38	24°28	12° 7	25°36	25° 7	28° 6	28°41	28°34	12°37	F 9
S 10	1 12 52	16°18'25	21°25	17°47	29°38	6°21	16°38	24°26	12° 5	25°35	25° 6	28° 7	28°38	28°41	12°46	S 10
S 11	1 16 48	17°17'48	4♂ 2	19°29	0♂53	7° 0	16°37	24°24	12° 2	25°34	25° 5	28° 7	28°35	28°47	12°55	S 11
M12	1 20 45	18°17'12	16°22	21°10	2° 8	7°40	16°35	24°23	12° 0	25°34	25° 4	28°R 8	28°32	28°54	13° 3	M12
T 13	1 24 41	19°16'40	28°27	22°50	3°22	8°19	16°34	24°21	11°57	25°33	25° 3	28° 8	28°29	29° 1	13°12	T 13
W14	1 28 38	20°16'09	10♂23	24°30	4°37	8°58	16°32	24°19	11°55	25°32	25° 2	28° 7	28°25	29° 7	13°21	W14
T 15	1 32 35	21°15'41	22°15	26° 9	5°52	9°37	16°31	24°18	11°53	25°31	25° 0	28° 6	28°22	29°14	13°30	T 15
F 16	1 36 31	22°15'15	4♂ 6	27°48	7° 7	10°16	16°29	24°17	11°50	25°30	24°59	28° 5	28°19	29°21	13°38	F 16
S 17	1 40 28	23°14'51	16° 1	29°25	8°22	10°55	16°26	24°15	11°48	25°30	24°58	28° 5	28°16	29°28	13°47	S 17
S 18	1 44 24	24°14'29	28° 2	1♂ 2	9°37	11°34	16°24	24°14	11°45	25°29	24°57	28° 4	28°13	29°34	13°56	S 18
M19	1 48 21	25°14'10	10♂11	2°39	10°52	12°14	16°21	24°13	11°43	25°28	24°56	28° 4	28°10	29°41	14° 5	M19
T 20	1 52 17	26°13'53	22°32	4°15	12° 7	12°53	16°19	24°12	11°41	25°28	24°55	28°D 4	28° 6	29°48	14°13	T 20
W21	1 56 14	27°13'37	5♂ 4	5°50	13°22	13°32	16°16	24°11	11°38	25°27	24°54	28° 4	28° 3	29°54	14°22	W21
T 22	2 0 10	28°13'24	17°50	7°25	14°37	14°11	16°12	24°10	11°36	25°27	24°52	28°R 4	28° 0	0♂ 1	14°31	T 22
F 23	2 4 7	29°13'12	0♂49	8°59	15°52	14°51	16° 9	24°10	11°34	25°26	24°51	28° 4	27°57	0° 8	14°39	F 23
S 24	2 8 4	0♂13'03	14° 1	10°33	17° 7	15°30	16° 5	24° 9	11°32	25°26	24°50	28° 4	27°54	0°14	14°48	S 24
S 25	2 12 0	1°12'55	27°27	12° 6	18°22	16° 9	16° 2	24° 9	11°29	25°25	24°49	28° 3	27°50	0°21	14°57	S 25
M26	2 15 57	2°12'49	11♂ 7	13°38	19°37	16°49	15°58	24° 8	11°27	25°25	24°48	28° 3	27°47	0°28	15° 5	M26
T 27	2 19 53	3°12'44	24°59	15°10	20°52	17°28	15°54	24° 8	11°25	25°25	24°47	28° 3	27°44	0°35	15°14	T 27
W28	2 23 50	4°12'42	9♂ 3	16°42	22° 7	18° 8	15°49	24° 8	11°23	25°24	24°46	28°D 3	27°41	0°41	15°22	W28
T 29	2 27 46	5°12'40	23°17	18°13	23°22	18°47	15°45	24°D 8	11°21	25°24	24°44	28° 3	27°38	0°48	15°31	T 29
F 30	2 31 43	6°12'40	7♂40	19°44	24°37	19°27	15°40	24° 8	11°18	25°24	24°43	28° 3	27°35	0°55	15°39	F 30
S 31	2 35 39	7♂12'42	22♂ 7	21♂14	25♂53	20♂ 6	15♂35	24♂ 8	11°Y16	25♂23	24°Y42	28♂ 4	27♂31	1♂ 1	15♂48	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	2s57	12s 2	5n 5	0n44	1n40	5n52	1n24	0n38	0n55	22n 0	0s47	14s47	1s36	4n16	0s43	13s27
F 2	3 20	7 57	4 34	0s 2	1 36	5 23	1 25	0 22	0 54	22 0	0 47	14 48	1 36	4 15	0 43	13 27
S 3	3 44	3 20	3 45	0 49	1 31	4 55	1 26	0 6	0 54	22 0	0 47	14 49	1 36	4 14	0 43	13 28
S 4	4 7	1n31	2 40	1 35	1 27	4 26	1 27	0s 9	0 54	22 0	0 47	14 49	1 36	4 13	0 43	13 28
M 5	4 30	6 14	1 25	2 22	1 22	3 57	1 27	0 25	0 54	22 0	0 47	14 50	1 36	4 12	0 43	13 28
T 6	4 53	10 30	0 6	3 8	1 17	3 28	1 28	0 41	0 53	22 0	0 47	14 51	1 36	4 11	0 43	13 29
W 7	5 16	14 4	1s12	3 54	1 11	2 59	1 28	0 57	0 53	22 0	0 47	14 51	1 36	4 10	0 43	13 29
T 8	5 39	16 43	2 24	4 39	1 5	2 30	1 29	1 12	0 53	22 0	0 47	14 52	1 36	4 9	0 43	13 29
F 9	6 2	18 21	3 25	5 25	1 0	2 0	1 29	1 28	0 52	22 0	0 47	14 53	1 36	4 8	0 43	13 30
S 10	6 25	18 57	4 14	6 10	0 53	1 31	1 29	1 44	0 52	22 0	0 47	14 53	1 36	4 7	0 43	13 30
S 11	6 48	18 34	4 50	6 54	0 47	1 1	1 30	2 0	0 52	22 0	0 47	14 54	1 36	4 6	0 43	13 30
M12	7 11	17 19	5 10	7 38	0 41	0 32	1 30	2 15	0 51	22 0	0 47	14 54	1 36	4 5	0 43	13 31
T 13	7 33	15 19	5 17	8 21	0 34	0 2	1 30	2 31	0 51	22 0	0 47	14 55	1 35	4 5	0 43	13 31
W14	7 56	12 40	5 10	9 4	0 28	0s28	1 30	2 47	0 51	22 0	0 47	14 55	1 35	4 4	0 43	13 31
T 15	8 18	9 32	4 49	9 47	0 21	0 57	1 30	3 3	0 50	21 59	0 47	14 56	1 35	4 3	0 43	13 31
F 16	8 40	6 1	4 17	10 28	0 14	1 27	1 30	3 18	0 50	21 59	0 47	14 56	1 35	4 2	0 43	13 32
S 17	9 2	2 15	3 33	11 9	0 8	1 57	1 30	3 34	0 49	21 59	0 47	14 56	1 35	4 1	0 43	13 32
S 18	9 24	1s39	2 39	11 50	0 1	2 27	1 29	3 50	0 49	21 59	0 47	14 57	1 35	4 0	0 43	13 32
M19	9 46	5 32	1 38	12 30	0s 6	2 56	1 29	4 5	0 49	21 58	0 47	14 57	1 35	3 59	0 43	13 32
T 20	10 8	9 15	0 31	13 9	0 13	3 26	1 29	4 21	0 48	21 58	0 47	14 57	1 35	3 58	0 43	13 33
W21	10 30	12 37	0n39	13 47	0 20	3 56	1 28	4 36	0 48	21 58	0 47	14 58	1 35	3 57	0 43	13 33
T 22	10 51	15 26	1 48	14 25	0 26	4 25	1 28	4 52	0 48	21 57	0 47	14 58	1 35	3 56	0 43	13 33
F 23	11 12	17 32	2 52	15 2	0 33	4 54	1 27	5 8	0 47	21 57	0 47	14 58	1 35	3 56	0 43	13 33
S 24	11 33	18 43	3 48	15 38	0 40	5 24	1 26	5 23	0 47	21 57	0 47	14 58	1 35	3 55	0 42	13 33
S 25	11 54	18 53	4 33	16 13	0 46	5 53	1 26	5 39	0 47	21 56	0 47	14 58	1 34	3 54	0 42	13 33
M26	12 15	17 57	5 4	16 47	0 53	6 22	1 25	5 54	0 46	21 56	0 47	14 58	1 34	3 53	0 42	13 34
T 27	12 36	15 57	5 17	17 21	1 0	6 51	1 24	6 9	0 46	21 55	0 47	14 58	1 34	3 52	0 42	13 34
W28	12 56	13 0	5 11	17 54	1 6	7 20	1 23	6 25	0 45	21 55	0 47	14 58	1 34	3 51	0 42	13 34
T 29	13 16	9 15	4 47	18 25	1 12	7 49	1 22	6 40	0 45	21 55	0 47	14 58	1 34	3 50	0 42	13 34
F 30	13 36	4 55	4 5	18 56	1 18	8 17	1 21	6 56	0 45	21 54	0 47	14 58	1 34	3 50	0 42	13 34
S 31	13s56	0s16	3n 7	19s26	1s24	8s46	1n20	7s11	0n44	21n54	0s47	14s58	1s34	3n49	0s42	13s34

Julian Day Number = 2395570.5, Delta T = 8.34 sec
 Ecliptic obliquity = 23°27'26", Nutation = 0°00'08", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°36'01", Lahiri = 21°43'02"

ASTRODIENST EPHEMERIS for the year 1846
geocentric

NOVEMBER 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 39 36	8♍12'46	6♈35	22♍43	27♎ 8	20♎46	15°R30	24♎ 8	11°R14	25°R23	24°R41	28♎ 5	27♎28	1♐ 8	15♎56	S 1
M 2	2 43 33	9°12'51	20°58	24°13	28°23	21°25	15♐25	24° 9	11°Y12	25°R23	24°Y40	28°R 5	27°25	1°15	16° 5	M 2
T 3	2 47 29	10°12'58	5♉12	25°41	29°38	22° 5	15°20	24° 9	11°10	25°23	24°39	28° 5	27°22	1°21	16°13	T 3
W 4	2 51 26	11°13'06	19°12	27° 9	0♍53	22°44	15°14	24°10	11° 8	25°23	24°38	28° 5	27°19	1°28	16°21	W 4
T 5	2 55 22	12°13'17	2♊54	28°37	2° 9	23°24	15° 8	24°10	11° 6	25°23	24°37	28° 3	27°16	1°35	16°30	T 5
F 6	2 59 19	13°13'29	16°15	0♈ 4	3°24	24° 4	15° 3	24°11	11° 4	25°22	24°36	28° 1	27°12	1°42	16°38	F 6
S 7	3 3 15	14°13'44	29°16	1°30	4°39	24°43	14°57	24°12	11° 2	25°D22	24°35	27°59	27° 9	1°48	16°46	S 7
S 8	3 7 12	15°14'00	11♊55	2°56	5°55	25°23	14°51	24°13	11° 0	25°22	24°34	27°57	27° 6	1°55	16°54	S 8
M 9	3 11 8	16°14'19	24°17	4°21	7°10	26° 3	14°44	24°14	10°59	25°23	24°33	27°55	27° 3	2° 2	17° 2	M 9
T 10	3 15 5	17°14'39	6♊25	5°46	8°25	26°43	14°38	24°15	10°57	25°23	24°31	27°53	27° 0	2° 8	17°11	T 10
W11	3 19 2	18°15'01	18°22	7°10	9°41	27°22	14°31	24°17	10°55	25°23	24°30	27°D53	26°56	2°15	17°19	W11
T 12	3 22 58	19°15'25	0♐14	8°33	10°56	28° 2	14°25	24°18	10°53	25°23	24°29	27°53	26°53	2°22	17°27	T 12
F 13	3 26 55	20°15'51	12° 5	9°54	12°11	28°42	14°18	24°20	10°51	25°23	24°28	27°55	26°50	2°28	17°35	F 13
S 14	3 30 51	21°16'19	24° 1	11°15	13°27	29°22	14°11	24°21	10°50	25°23	24°27	27°56	26°47	2°35	17°43	S 14
S 15	3 34 48	22°16'49	6♋ 5	12°35	14°42	0♍ 2	14° 4	24°23	10°48	25°24	24°26	27°58	26°44	2°42	17°51	S 15
M16	3 38 44	23°17'20	18°21	13°54	15°57	0°42	13°57	24°25	10°46	25°24	24°25	27°59	26°41	2°49	17°58	M16
T 17	3 42 41	24°17'54	0♍53	15°10	17°13	1°22	13°49	24°27	10°45	25°24	24°24	28°R 0	26°37	2°55	18° 6	T 17
W18	3 46 37	25°18'29	13°42	16°26	18°28	2° 2	13°42	24°29	10°43	25°25	24°23	27°59	26°34	3° 2	18°14	W18
T 19	3 50 34	26°19'05	26°50	17°39	19°44	2°42	13°35	24°31	10°42	25°25	24°23	27°56	26°31	3° 9	18°22	T 19
F 20	3 54 31	27°19'43	10♈14	18°50	20°59	3°22	13°27	24°33	10°40	25°25	24°22	27°52	26°28	3°15	18°29	F 20
S 21	3 58 27	28°20'23	23°53	19°59	22°15	4° 2	13°19	24°35	10°39	25°26	24°21	27°48	26°25	3°22	18°37	S 21
S 22	4 2 24	29°21'03	7♉45	21° 5	23°30	4°42	13°12	24°38	10°38	25°26	24°20	27°43	26°21	3°29	18°44	S 22
M23	4 6 20	0♈21'45	21°47	22° 8	24°46	5°22	13° 4	24°40	10°36	25°27	24°19	27°38	26°18	3°35	18°52	M23
T 24	4 10 17	1°22'28	5♎53	23° 8	26° 1	6° 2	12°56	24°43	10°35	25°27	24°18	27°34	26°15	3°42	18°59	T 24
W25	4 14 13	2°23'12	20° 3	24° 3	27°16	6°42	12°48	24°45	10°34	25°28	24°17	27°32	26°12	3°49	19° 7	W25
T 26	4 18 10	3°23'57	4♊13	24°54	28°32	7°23	12°40	24°48	10°33	25°29	24°16	27°D31	26° 9	3°56	19°14	T 26
F 27	4 22 6	4°24'43	18°21	25°39	29°47	8° 3	12°32	24°51	10°31	25°29	24°15	27°32	26° 6	4° 2	19°21	F 27
S 28	4 26 3	5°25'30	2♈26	26°18	1♈ 3	8°43	12°24	24°54	10°30	25°30	24°15	27°33	26° 2	4° 9	19°28	S 28
S 29	4 30 0	6°26'18	16°27	26°51	2°18	9°23	12°16	24°57	10°29	25°31	24°14	27°35	25°59	4°16	19°35	S 29
M30	4 33 56	7♈27'06	0♉21	27♈16	3♈34	10♍ 4	12♐ 8	25°R 0	10°Y28	25°R31	24°Y13	27°R35	25♎56	4♐22	19°42	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
S 1	14s15	4n24	1n56	19s55	1s30	9s14	1n19	7s26	0n44	21n53	0s47	14s58	1s34	3n48	0s42	13s34	0s32	6s37	17s23	10s48	10s35	7n 4	7s48	1s39	
M 2	14 35	8 48	0 39	20 23	1 36	9 42	1 18	7 41	0 43	21 52	0 47	14 57	1 34	3 47	0 42	13 34	0 32	6 38	17 22	10 48	10 34	7 2	7 51	1 39	
T 3	14 54	12 39	0s39	20 50	1 42	10 10	1 16	7 56	0 43	21 52	0 47	14 57	1 34	3 46	0 42	13 34	0 32	6 38	17 22	10 48	10 33	7 0	7 54	1 39	
W 4	15 12	15 42	1 54	21 17	1 47	10 37	1 15	8 11	0 43	21 51	0 47	14 57	1 34	3 46	0 42	13 34	0 32	6 38	17 22	10 48	10 31	6 58	7 57	1 38	
T 5	15 31	17 48	3 1	21 42	1 52	11 5	1 14	8 27	0 42	21 51	0 47	14 57	1 33	3 45	0 42	13 34	0 32	6 38	17 22	10 47	10 30	6 57	8 0	1 38	
F 6	15 49	18 50	3 56	22 5	1 57	11 32	1 12	8 42	0 42	21 50	0 47	14 56	1 33	3 44	0 42	13 34	0 32	6 39	17 22	10 47	10 29	6 55	8 3	1 38	
S 7	16 7	18 50	4 37	22 28	2 2	11 58	1 11	8 56	0 41	21 50	0 47	14 56	1 33	3 43	0 42	13 34	0 32	6 39	17 22	10 46	10 28	6 53	8 6	1 38	
S 8	16 25	17 53	5 3	22 50	2 7	12 25	1 9	9 11	0 41	21 49	0 47	14 55	1 33	3 43	0 42	13 34	0 32	6 39	17 22	10 45	10 27	6 51	8 9	1 37	
M 9	16 42	16 6	5 15	23 10	2 11	12 51	1 8	9 26	0 41	21 48	0 47	14 55	1 33	3 42	0 42	13 34	0 32	6 39	17 22	10 44	10 26	6 49	8 12	1 37	
T 10	17 0	13 38	5 12	23 30	2 15	13 17	1 6	9 41	0 40	21 48	0 47	14 54	1 33	3 41	0 42	13 34	0 32	6 40	17 21	10 44	10 25	6 47	8 15	1 37	
W11	17 17	10 38	4 56	23 48	2 19	13 42	1 4	9 56	0 40	21 47	0 47	14 54	1 33	3 41	0 42	13 34	0 32	6 40	17 21	10 44	10 23	6 45	8 18	1 37	
T 12	17 33	7 14	4 27	24 5	2 22	14 8	1 3	10 10	0 39	21 46	0 47	14 53	1 33	3 40	0 42	13 34	0 32	6 40	17 21	10 44	10 22	6 43	8 20	1 37	
F 13	17 49	3 32	3 47	24 20	2 25	14 32	1 1	10 25	0 39	21 45	0 47	14 53	1 33	3 39	0 42	13 34	0 32	6 40	17 21	10 44	10 21	6 41	8 23	1 36	
S 14	18 5	0s19	2 56	24 35	2 27	14 57	0 59	10 39	0 38	21 45	0 47	14 52	1 33	3 39	0 42	13 34	0 32	6 40	17 21	10 45	10 20	6 40	8 26	1 36	
S 15	18 21	4 13	1 58	24 48	2 30	15 21	0 57	10 54	0 38	21 44	0 47	14 52	1 33	3 38	0 42	13 34	0 32	6 41	17 21	10 46	10 19	6 38	8 29	1 36	
M16	18 37	8 1	0 53	24 59	2 31	15 45	0 55	11 8	0 38	21 43	0 47	14 51	1 32	3 37	0 42	13 34	0 32	6 41	17 20	10 46	10 18	6 36	8 32	1 36	
T 17	18 52	11 33	0n16	25 10	2 33	16 8	0 53	11 23	0 37	21 42	0 47	14 50	1 32	3 37	0 42	13 34	0 32	6 41	17 20	10 46	10 17	6 34	8 35	1 36	
W18	19 6	14 37	1 25	25 18	2 33	16 31	0 51	11 37	0 37	21 42	0 47	14 49	1 32	3 36	0 42	13 33	0 32	6 41	17 20	10 46	10 15	6 32	8 37	1 35	
T 19	19 21	17 0	2 32	25 26	2 34	16 53	0 49	11 51	0 36	21 41	0 46	14 49	1 32	3 36	0 42	13 33	0 32	6 41	17 20	10 45	10 14	6 30	8 40	1 35	
F 20	19 35	18 31	3 31	25 32	2 33	17 15	0 47	12 5	0 36	21 40	0 46	14 48	1 32	3 35	0 42	13 33	0 32	6 41	17 20	10 44	10 13	6 28	8 43	1 35	
S 21	19 48	19 0	4 19	25 36	2 32	17 37	0 45	12 19	0 35	21 39	0 46	14 47	1 32	3 35	0 42	13 33	0 32	6 41	17 19	10 42	10 12	6 26	8 46	1 35	
S 22	20 2	18 21	4 53	25 39	2 30	17 58	0 43	12 33	0 35	21 38	0 46	14 46	1 32	3 34	0 42	13 33	0 32	6 42	17 19	10 40	10 11	6 24	8 48	1 35	
M23	20 14	16 35	5 10	25 41	2 28	18 19	0 41	12 47	0 34	21 37	0 46	14 45	1 32	3 34	0 42	13 33	0 32	6 42	17 19	10 38	10 10	6 23	8 51	1 34	
T 24	20 27	13 49	5 9	25 41	2 24	18 39	0 39	13 1	0 34	21 36	0 46	14 44	1 32	3 33	0 42	13 32	0 32	6 42	17 19	10 37	10 8	6 21	8 54	1 34	
W25	20 39	10 15	4 48	25 39	2 20	18 58	0 37	13 14	0 33	21 35	0 46	14 43	1 32	3 33	0 42	13 32	0 32	6 42	17 18	10 36	10 7	6 19	8 56	1 34	
T 26	20 51	6 5	4 10	25 36	2 15	19 17	0 34	13 28	0 33	21 35	0 46	14 42	1 32	3 32	0 42	13 32	0 32	6 42	17 18	10 36	10 6	6 17	8 59	1 34	
F 27	21 2	1 35	3 17	25 31	2 8	19 36	0 32	13 41	0 32	21 34	0 46	14 41	1 31	3 32	0 42	13 32	0 32	6 42	17 18	10 36	10 5	6 15	9 1	1 34	
S 28	21 13	3n 0	2 13	25 25	2 1	19 54	0 30	13 55	0 32	21 33	0 46	14 40	1 31	3 31	0 42	13 32	0 32	6 42	17 18	10 37	10 4	6 13	9 4	1 33	
S 29	21 24	7 24	1 0	25 17	1 52	20 11	0 28	14 8	0 31	21 32	0 45	14 39	1 31	3 31	0 42	13 31	0 32	6 42	17 17	10 37	10 3	6 11	9 7	1 33	
M30	21s34	11n22	0s15	25s 8	1s42	20s28	0n25	14s21	0n31	21n31	0s45	14s38	1s31	3n31	0s41	13s31	0s32	6s42	17s17	10s37	10s 2	6n 9	9s 9	1s33	

ASTRODIENST EPHEMERIS for the year 1846
geocentric

DECEMBER 1846

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 37 53	8♂27°56	14♂8 8	27♂33	4♂49	10♂44	12♂R 0	25♂3	10♂R27	25♂32	24♂R12	27♂R34	25♂53	4♂29	19♂49	T 1
W 2	4 41 49	9°28'47	27°44	27°R41	6° 5	11°24	11♂52	25° 7	10♂Y26	25°33	24♂Y11	27♂A30	25°50	4°36	19°56	W 2
T 3	4 45 46	10°29'39	11♂II 7	27°38	7°20	12° 5	11°43	25°10	10°25	25°34	24°11	27°25	25°47	4°42	20° 3	T 3
F 4	4 49 42	11°30'32	24°16	27°25	8°36	12°45	11°35	25°14	10°25	25°35	24°10	27°18	25°43	4°49	20°10	F 4
S 5	4 53 39	12°31'26	7♂9 9	27° 1	9°51	13°25	11°27	25°17	10°24	25°36	24° 9	27° 9	25°40	4°56	20°17	S 5
S 6	4 57 35	13°32'21	19°45	26°26	11° 7	14° 6	11°19	25°21	10°23	25°37	24° 9	27° 1	25°37	5° 2	20°23	S 6
M 7	5 1 32	14°33'17	2♂6 6	25°39	12°22	14°46	11°11	25°25	10°22	25°38	24° 8	26°53	25°34	5° 9	20°30	M 7
T 8	5 5 29	15°34'15	14°13	24°42	13°38	15°27	11° 3	25°29	10°22	25°39	24° 7	26°46	25°31	5°16	20°36	T 8
W 9	5 9 25	16°35'13	26°10	23°36	14°53	16° 7	10°55	25°33	10°21	25°40	24° 7	26°41	25°27	5°23	20°43	W 9
T 10	5 13 22	17°36'13	8♂1 1	22°22	16° 9	16°48	10°46	25°37	10°21	25°41	24° 6	26°39	25°24	5°29	20°49	T 10
F 11	5 17 18	18°37'13	19°51	21° 2	17°24	17°29	10°38	25°41	10°20	25°42	24° 5	26°D38	25°21	5°36	20°55	F 11
S 12	5 21 15	19°38'15	1♂45	19°39	18°40	18° 9	10°30	25°45	10°20	25°43	24° 5	26°39	25°18	5°43	21° 1	S 12
S 13	5 25 11	20°39'18	13°49	18°16	19°55	18°50	10°22	25°49	10°19	25°44	24° 4	26°40	25°15	5°49	21° 8	S 13
M14	5 29 8	21°40'21	26° 7	16°56	21°11	19°31	10°15	25°54	10°19	25°46	24° 4	26°R41	25°12	5°56	21°14	M14
T 15	5 33 4	22°41'26	8♂43	15°42	22°26	20°11	10° 7	25°58	10°19	25°47	24° 3	26°40	25° 8	6° 3	21°19	T 15
W16	5 37 1	23°42'32	21°42	14°34	23°42	20°52	9°59	26° 3	10°19	25°48	24° 3	26°37	25° 5	6° 9	21°25	W16
T 17	5 40 58	24°43'38	5♂5 5	13°36	24°57	21°33	9°51	26° 7	10°18	25°49	24° 2	26°31	25° 2	6°16	21°31	T 17
F 18	5 44 54	25°44'45	18°51	12°48	26°13	22°14	9°44	26°12	10°18	25°51	24° 2	26°24	24°59	6°23	21°37	F 18
S 19	5 48 51	26°45'53	2♂57	12°10	27°28	22°55	9°36	26°17	10°18	25°52	24° 1	26°14	24°56	6°29	21°42	S 19
S 20	5 52 47	27°47'01	17°19	11°44	28°44	23°35	9°29	26°22	10°D18	25°53	24° 1	26° 3	24°53	6°36	21°48	S 20
M21	5 56 44	28°48'09	1♂49	11°28	29°59	24°16	9°21	26°27	10°18	25°55	24° 0	25°53	24°49	6°43	21°53	M21
T 22	6 0 40	29°49'18	16°22	11°D23	1♂15	24°57	9°14	26°32	10°18	25°56	24° 0	25°45	24°46	6°50	21°58	T 22
W23	6 4 37	0♂50'27	0♂50	11°27	2°30	25°38	9° 7	26°37	10°18	25°58	24° 0	25°39	24°43	6°56	22° 4	W23
T 24	6 8 33	1°51'36	15°10	11°41	3°46	26°19	9° 0	26°42	10°19	25°59	23°59	25°35	24°40	7° 3	22° 9	T 24
F 25	6 12 30	2°52'44	29°18	12° 2	5° 1	27° 0	8°53	26°47	10°19	26° 1	23°59	25°D34	24°37	7°10	22°14	F 25
S 26	6 16 27	3°53'53	13°Y14	12°31	6°17	27°41	8°47	26°52	10°19	26° 2	23°59	25°34	24°33	7°16	22°19	S 26
S 27	6 20 23	4°55'02	26°58	13° 6	7°32	28°22	8°40	26°58	10°19	26° 4	23°58	25°R35	24°30	7°23	22°23	S 27
M28	6 24 20	5°56'11	10♂30	13°47	8°48	29° 3	8°33	27° 3	10°20	26° 6	23°58	25°34	24°27	7°30	22°28	M28
T 29	6 28 16	6°57'19	23°52	14°34	10° 3	29°44	8°27	27° 8	10°20	26° 7	23°58	25°31	24°24	7°36	22°33	T 29
W30	6 32 13	7°58'28	7♂3 3	15°25	11°19	0♂25	8°21	27°14	10°21	26° 9	23°58	25°24	24°21	7°43	22°37	W30
T 31	6 36 9	8♂59'36	20♂II 3	16♂21	12♂34	1♂7 7	8♂II 5	27♂20	10♂Y21	26♂10	23♂Y58	25♂15	24♂18	7♂50	22♂42	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21s44	14n41	1s29	24s57	1s31	20s44	0n23	14s34	0n30	21n30	0s45	14s37	1s31	3n30	0s41	13s31
W 2	21 53	17 8	2 36	24 44	1 18	21 0	0 21	14 47	0 30	21 29	0 45	14 35	1 31	3 30	0 41	13 30
T 3	22 2	18 36	3 34	24 30	1 4	21 15	0 18	15 0	0 29	21 28	0 45	14 34	1 31	3 30	0 41	13 30
F 4	22 11	19 2	4 19	24 14	0 48	21 29	0 16	15 13	0 29	21 27	0 45	14 33	1 31	3 29	0 41	13 30
S 5	22 19	18 27	4 49	23 57	0 31	21 43	0 14	15 26	0 28	21 26	0 45	14 31	1 31	3 29	0 41	13 30
S 6	22 27	16 58	5 5	23 38	0 13	21 56	0 11	15 38	0 28	21 25	0 45	14 30	1 31	3 29	0 41	13 29
M 7	22 34	14 44	5 6	23 17	0n 6	22 9	0 9	15 51	0 27	21 24	0 44	14 29	1 31	3 29	0 41	13 29
T 8	22 40	11 53	4 54	22 55	0 26	22 21	0 6	16 3	0 27	21 23	0 44	14 27	1 31	3 28	0 41	13 29
W 9	22 47	8 36	4 28	22 32	0 46	22 32	0 4	16 15	0 26	21 22	0 44	14 26	1 30	3 28	0 41	13 28
T 10	22 53	4 59	3 51	22 8	1 6	22 42	0 2	16 27	0 26	21 21	0 44	14 25	1 30	3 28	0 41	13 28
F 11	22 58	1 11	3 5	21 43	1 26	22 52	0s 1	16 39	0 25	21 20	0 44	14 23	1 30	3 28	0 41	13 27
S 12	23 3	2s41	2 10	21 19	1 44	23 1	0 3	16 51	0 25	21 19	0 44	14 22	1 30	3 28	0 41	13 27
S 13	23 8	6 30	1 9	20 55	2 1	23 10	0 5	17 3	0 24	21 18	0 43	14 20	1 30	3 28	0 41	13 27
M14	23 12	10 8	0 3	20 33	2 16	23 18	0 8	17 15	0 23	21 17	0 43	14 19	1 30	3 28	0 41	13 26
T 15	23 15	13 24	1n 4	20 13	2 29	23 25	0 10	17 26	0 23	21 16	0 43	14 17	1 30	3 28	0 41	13 26
W16	23 18	16 7	2 10	19 55	2 40	23 31	0 13	17 38	0 22	21 15	0 43	14 15	1 30	3 27	0 41	13 25
T 17	23 21	18 2	3 10	19 40	2 48	23 37	0 15	17 49	0 22	21 14	0 43	14 14	1 30	3 27	0 41	13 25
F 18	23 23	18 59	4 2	19 29	2 54	23 41	0 17	18 0	0 21	21 13	0 43	14 12	1 30	3 27	0 41	13 24
S 19	23 25	18 46	4 39	19 20	2 57	23 46	0 20	18 11	0 21	21 12	0 42	14 10	1 30	3 27	0 41	13 24
S 20	23 26	17 22	5 0	19 15	2 59	23 49	0 22	18 22	0 20	21 12	0 42	14 9	1 30	3 27	0 41	13 23
M21	23 27	14 52	5 2	19 13	2 59	23 52	0 24	18 32	0 20	21 11	0 42	14 7	1 30	3 28	0 41	13 23
T 22	23 27	11 25	4 44	19 14	2 57	23 54	0 27	18 43	0 19	21 10	0 42	14 5	1 30	3 28	0 41	13 23
W23	23 27	7 18	4 9	19 18	2 54	23 55	0 29	18 53	0 18	21 9	0 42	14 3	1 29	3 28	0 41	13 22
T 24	23 27	2 49	3 18	19 24	2 50	23 55	0 31	19 3	0 18	21 8	0 41	14 1	1 29	3 28	0 41	13 22
F 25	23 26	1n47	2 15	19 32	2 44	23 55	0 33	19 13	0 17	21 7	0 41	14 0	1 29	3 28	0 41	13 21
S 26	23 24	6 14	1 5	19 42	2 38	23 54	0 36	19 23	0 17	21 6	0 41	13 58	1 29	3 28	0 40	13 20
S 27	23 22	10 17	0s 7	19 53	2 32	23 52	0 38	19 33	0 16	21 5	0 41	13 56	1 29	3 28	0 40	13 20
M28	23 19	13 44	1 18	20 5	2 24	23 50	0 40	19 43	0 15	21 5	0 41	13 54	1 29	3 28	0 40	13 19
T 29	23 16	16 25	2 24	20 18	2 17	23 46	0 42	19 52	0 15	21 4	0 40	13 52	1 29	3 29	0 40	13 19
W30	23 13	18 12	3 21	20 32	2 8	23 42	0 44	20 2	0 14	21 3	0 40	13 50	1 29	3 29	0 40	13 18
T 31	23s 9	18n59	4s 6	20s46	2n 0	23s38	0s46	20s11	0n13	21n 2	0s40	13s48	1s29	3n29	0s40	13s18

Julian Day Number = 2395631.5, Delta T = 8.38 sec
Ecliptic obliquity = 23°27'24", Nutation = 0°00'07", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'09", Lahiri = 21°43'10"