



Astrodienst Ephemeris Tables for the year 1836

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 1836
geocentric

JANUARY 1836

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 38 45	9°34'12	6°11'32	6°26'26	1°11'11	6°36'36	11°R 2	3°11'40	27°55'53	2°33'37	12°50'50	28°R47	27°8 0	10°11'9	3°R50	F 1
S 2	6 42 42	10°41'21	18°20	8° 1	2°26	7°22	10°54	3°44	27°55	2°39	12°50	28°B44	26°57	10°15	3°11'47	S 2
S 3	6 46 38	11°42'30	0°51'13	9°38	3°41	8° 8	10°45	3°48	27°58	2°41	12°50	28°40	26°54	10°22	3°44	S 3
M 4	6 50 35	12°43'38	12°14	11°14	4°56	8°54	10°37	3°52	28° 1	2°43	12°50	28°34	26°51	10°29	3°42	M 4
T 5	6 54 31	13°44'47	24°23	12°51	6°11	9°40	10°29	3°56	28° 3	2°46	12°50	28°26	26°47	10°35	3°39	T 5
W 6	6 58 28	14°45'55	6°12'42	14°28	7°25	10°25	10°21	4° 0	28° 6	2°48	12°50	28°17	26°44	10°42	3°37	W 6
T 7	7 2 25	15°47'03	19°11	16° 6	8°40	11°11	10°13	4° 4	28° 9	2°50	12°50	28° 8	26°41	10°49	3°35	T 7
F 8	7 6 21	16°48'12	1°10'51	17°44	9°55	11°57	10° 5	4° 8	28°12	2°52	12°51	27°59	26°38	10°55	3°32	F 8
S 9	7 10 18	17°49'20	14°44	19°23	11°10	12°43	9°57	4°11	28°14	2°54	12°51	27°53	26°35	11° 2	3°30	S 9
S 10	7 14 14	18°50'28	27°51	21° 2	12°25	13°29	9°49	4°15	28°17	2°57	12°51	27°48	26°32	11° 8	3°28	S 10
M 11	7 18 11	19°51'36	11°12'12	22°41	13°39	14°15	9°41	4°18	28°20	2°59	12°52	27°46	26°28	11°15	3°26	M 11
T 12	7 22 7	20°52'44	24°51	24°21	14°54	15° 1	9°33	4°21	28°23	3° 1	12°52	27°D46	26°25	11°22	3°24	T 12
W 13	7 26 4	21°53'52	8°11'48	26° 2	16° 9	15°48	9°26	4°25	28°26	3° 3	12°52	27°46	26°22	11°28	3°22	W 13
T 14	7 30 0	22°55'00	23° 3	27°43	17°24	16°34	9°18	4°28	28°29	3° 6	12°53	27°R47	26°19	11°35	3°20	T 14
F 15	7 33 57	23°56'07	7°12'35	29°24	18°38	17°20	9°10	4°31	28°32	3° 8	12°53	27°47	26°16	11°42	3°18	F 15
S 16	7 37 54	24°57'15	22°21	1°55	19°53	18° 6	9° 3	4°34	28°35	3°10	12°53	27°44	26°13	11°48	3°16	S 16
S 17	7 41 50	25°58'22	7°13'14	2°48	21° 8	18°53	8°55	4°37	28°38	3°12	12°54	27°39	26° 9	11°55	3°15	S 17
M 18	7 45 47	26°59'29	22° 8	4°30	22°22	19°39	8°48	4°40	28°41	3°15	12°54	27°32	26° 6	12° 2	3°13	M 18
T 19	7 49 43	28° 0'35	6°12'52	6°13	23°37	20°25	8°41	4°42	28°44	3°17	12°55	27°22	26° 3	12° 8	3°11	T 19
W 20	7 53 40	29° 1'40	21°20	7°55	24°51	21°12	8°33	4°45	28°47	3°19	12°55	27°12	26° 0	12°15	3°10	W 20
T 21	7 57 36	0°55'24	5°12'24	9°38	26° 6	21°58	8°26	4°47	28°50	3°21	12°56	27° 2	25°57	12°22	3° 8	T 21
F 22	8 1 33	1° 3'48	19° 1	11°21	27°20	22°45	8°19	4°50	28°53	3°24	12°56	26°53	25°54	12°28	3° 7	F 22
S 23	8 5 29	2° 4'50	2°11'11	13° 4	28°35	23°31	8°12	4°52	28°56	3°26	12°57	26°47	25°50	12°35	3° 6	S 23
S 24	8 9 26	3° 5'51	14°55	14°47	29°49	24°18	8° 6	4°54	29° 0	3°28	12°58	26°43	25°47	12°42	3° 4	S 24
M 25	8 13 23	4° 6'51	27°17	16°30	1°12'4	25° 4	7°59	4°56	29° 3	3°31	12°58	26°41	25°44	12°48	3° 3	M 25
T 26	8 17 19	5° 7'51	9°12'22	18°11	2°18	25°51	7°53	4°58	29° 6	3°33	12°59	26°D41	25°41	12°55	3° 2	T 26
W 27	8 21 16	6° 8'49	21°15	19°52	3°32	26°37	7°46	5° 0	29° 9	3°35	13° 0	26°R41	25°38	13° 2	3° 1	W 27
T 28	8 25 12	7° 9'45	3°11'3	21°32	4°47	27°24	7°40	5° 2	29°13	3°37	13° 0	26°41	25°34	13° 8	3° 0	T 28
F 29	8 29 9	8°10'41	14°50	23°10	6° 1	28°10	7°34	5° 4	29°16	3°40	13° 1	26°40	25°31	13°15	2°59	F 29
S 30	8 33 5	9°11'35	26°41	24°47	7°15	28°57	7°28	5° 5	29°19	3°42	13° 2	26°36	25°28	13°22	2°58	S 30
S 31	8 37 2	10°12'29	8°53'9	26°21	8°12'9	29°34	7°52	5°11'7	29°22	3°44	13°3'2	26°B29	25°B25	13°11'28	2°11'57	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	23s 7	22n 7	0n42	24s51	1s32	21s25	1s33	24s 5	0s48	23n 4	0n 3	10s30	2n23	12s54	0s44	19s24	0m12	10s42	17s 8	19n54	19n30	23n 9	16n27	4s34	
S 2	23 2	24 41	1 44	24 50	1 37	21 9	1 34	24 3	0 48	23 4	0 4	10 31	2 24	12 53	0 44	19 23	0 12	10 42	17 8	19 54	19 30	23 11	16 26	4 34	
S 3	22 57	26 10	2 42	24 47	1 41	20 53	1 34	24 1	0 49	23 5	0 4	10 32	2 24	12 52	0 44	19 23	0 12	10 42	17 7	19 53	19 29	23 13	16 26	4 34	
M 4	22 51	26 26	3 33	24 44	1 45	20 35	1 35	23 59	0 49	23 6	0 4	10 34	2 24	12 52	0 44	19 23	0 12	10 41	17 7	19 52	19 28	23 15	16 25	4 34	
T 5	22 45	25 27	4 15	24 38	1 48	20 18	1 36	23 56	0 50	23 7	0 4	10 35	2 24	12 51	0 44	19 22	0 12	10 41	17 7	19 50	19 27	23 16	16 25	4 34	
W 6	22 39	23 14	4 46	24 31	1 52	19 59	1 36	23 53	0 50	23 8	0 4	10 36	2 25	12 50	0 44	19 22	0 12	10 40	17 6	19 48	19 27	23 18	16 25	4 34	
T 7	22 32	19 53	5 4	24 23	1 55	19 40	1 37	23 50	0 50	23 8	0 4	10 37	2 25	12 49	0 44	19 21	0 12	10 40	17 6	19 46	19 26	23 20	16 25	4 34	
F 8	22 24	15 35	5 7	24 13	1 57	19 20	1 37	23 46	0 51	23 9	0 4	10 38	2 25	12 48	0 44	19 21	0 12	10 40	17 5	19 44	19 25	23 22	16 24	4 33	
S 9	22 16	10 32	4 54	24 2	2 0	19 0	1 38	23 42	0 51	23 10	0 5	10 39	2 25	12 47	0 44	19 20	0 12	10 39	17 5	19 42	19 25	23 24	16 24	4 33	
S 10	22 8	4 56	4 26	23 49	2 2	18 40	1 38	23 38	0 52	23 11	0 5	10 40	2 25	12 46	0 44	19 20	0 12	10 39	17 5	19 41	19 24	23 25	16 24	4 33	
M 11	21 59	1s 0	3 44	23 35	2 3	18 18	1 38	23 34	0 52	23 11	0 5	10 41	2 26	12 45	0 43	19 19	0 12	10 38	17 4	19 41	19 23	23 27	16 23	4 33	
T 12	21 50	7 2	2 47	23 19	2 5	17 57	1 38	23 29	0 53	23 12	0 5	10 42	2 26	12 44	0 43	19 19	0 12	10 38	17 4	19 41	19 22	23 29	16 23	4 33	
W 13	21 41	12 52	1 40	23 1	2 5	17 34	1 38	23 24	0 53	23 13	0 5	10 42	2 26	12 43	0 43	19 18	0 12	10 37	17 4	19 41	19 22	23 31	16 23	4 33	
T 14	21 31	18 9	0 25	22 42	2 6	17 12	1 38	23 19	0 53	23 13	0 5	10 43	2 26	12 42	0 43	19 18	0 12	10 37	17 3	19 41	19 21	23 32	16 23	4 33	
F 15	21 20	22 27	0s52	22 21	2 6	16 49	1 38	23 14	0 54	23 14	0 5	10 44	2 27	12 40	0 43	19 17	0 12	10 36	17 3	19 41	19 20	23 34	16 23	4 32	
S 16	21 10	25 22	2 8	21 59	2 6	16 25	1 38	23 8	0 54	23 15	0 5	10 45	2 27	12 39	0 43	19 17	0 12	10 36	17 3	19 41	19 19	23 36	16 22	4 32	
S 17	20 58	26 30	3 15	21 35	2 5	16 1	1 38	23 2	0 55	23 15	0 6	10 46	2 27	12 38	0 43	19 16	0 12	10 35	17 2	19 39	19 19	23 38	16 22	4 32	
M 18	20 47	25 44	4 9	21 9	2 3	15 36	1 37	22 56	0 55	23 16	0 6	10 46	2 27	12 37	0 43	19 16	0 12	10 35	17 2	19 38	19 18	23 39	16 22	4 32	
T 19	20 35	23 10	4 45	20 42	2 1	15 11	1 37	22 49	0 55	23 17	0 6	10 47	2 28	12 36	0 43	19 15	0 12	10 34	17 1	19 35	19 17	23 41	16 22	4 32	
W 20	20 22	19 10	5 2	20 13	1 59	14 46	1 37	22 42	0 56	23 17	0 6	10 48	2 28	12 35	0 43	19 14	0 12	10 34	17 1	19 33	19 16	23 43	16 22	4 32	
T 21	20 10	14 12	5 1	19 43	1 56	14 20	1 36	22 35	0 56	23 18	0 6	10 48	2 28	12 34	0 43	19 14	0 12	10 33	17 1	19 31	19 16	23 45	16 22	4 31	
F 22	19 56	8 40	4 42	19 11	1 52	13 54	1 35	22 28	0 56	23 18	0 6	10 49	2 28	12 33	0 43	19 13	0 12	10 33	17 0	19 29	19 15	23 46	16 22	4 31	
S 23	19 43	2 56	4 8	18 38	1 48	13 28	1 35	22 21	0 57	23 19	0 6	10 49	2 29	12 32	0 43	19 13	0 12	10 32	17 0	19 27	19 14	23 48	16 22	4 31	
S 24	19 29	2n45	3 23	18 4	1 43	13 1	1 34	22 13	0 57	23 19	0 7	10 50	2 29	12 31	0 43	19 12	0 12	10 32	17 0	19 26	19 13	23 50	16 22	4 31	
M 25	19 15	8 11	2 30	17 28	1 38	12 34	1 33	22 5	0 58	23 20	0 7	10 50	2 29	12 30	0 43	19 12	0 12	10 31	16 59	19 26	19 13	23 51	16 22	4 31	
T 26	19 0	13 11	1 31	16 51	1 32	12 6	1 32	21 57	0 58	23 20	0 7	10 51	2 29	12 28	0 43	19 11	0 12	10 31	16 59	19 26	19 12	23 53	16 22	4 30	
W 27	18 45	17 38	0 29	16 13	1 25	11 38	1 31	21 48	0 58	23 21	0 7	10 51	2 30	12 27	0 43	19 11	0 12	10 30	16 59	19 26	19 11	23 55	16 22	4 30	
T 28	18 30	21 20	0n34	15 33	1 17	11 10	1 30	21 39	0 59	23 21	0 7	10 51	2 30	12 26	0 43	19 10	0 12	10 30	16 58	19 26	19 10	23 56	16 22	4 30	
F 29	18 14	24 10	1 35	14 53	1 9	10 42	1 29	21 30	0 59	23 22	0 7	10 52	2 30	12 25	0 43	19 10	0 12	10 29	16 58	19 26	19 10	23 58	16 22	4 30	
S 30	17 58	25 57	2 32	14 12	0 59	10 13	1 28	21 21	0 59	23 22	0 7	10 52	2 30	12 24	0 43	19 9	0 12	10 28	16 58	19 25	19 9	24 0	16 22	4 30	
S 31	17s42	26n33	3n23	13s31	0s49	9s44	1s27	21s12	1s 0	23n23	0n 7	10s52	2n31	12s23	0s43	19s 9	0n12	10s28	16s57	19n23	19n 8	24n 1	16n22	4s29	

ASTRODIENST EPHEMERIS for the year 1836
geocentric

FEBRUARY 1836

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 40 58	11 ¹¹ 13'21	20 ²⁰ 49	27 ²⁷ 53	9 ⁹ 43	0 ⁰ 31	7 ⁷ R17	5 ⁵ 11 8	29 ²⁹ 26	3 ³ 47	13 ¹³ 3	26 ²⁶ R19	25 ²⁵ 22	13 ¹³ II35	2 ² R57	M 1
T 2	8 44 55	12 ¹² 14'11	3 ³ 11	29 ²⁹ 21	10 ¹⁰ 57	1 ¹ 17	7 ⁷ 11	5 ⁵ 9	29 ²⁹ 29	3 ³ 49	13 ¹³ 4	26 ²⁶ 8 7	25 ²⁵ 19	13 ¹³ 41	2 ² II56	T 2
W 3	8 48 52	13 ¹³ 15'01	15 ¹⁵ 46	0 ⁰ 45	12 ¹² 11	2 ² 4	7 ⁷ 6	5 ⁵ 10	29 ²⁹ 32	3 ³ 51	13 ¹³ 5	25 ²⁵ 54	25 ²⁵ 15	13 ¹³ 48	2 ² 56	W 3
T 4	8 52 48	14 ¹⁴ 15'49	28 ²⁸ 34	2 ² 5	13 ¹³ 25	2 ² 51	7 ⁷ 1	5 ⁵ 12	29 ²⁹ 36	3 ³ 53	13 ¹³ 6	25 ²⁵ 40	25 ²⁵ 12	13 ¹³ 55	2 ² 55	T 4
F 5	8 56 45	15 ¹⁵ 16'36	11 ¹¹ 35	3 ³ 20	14 ¹⁴ 39	3 ³ 38	6 ⁶ 56	5 ⁵ 13	29 ²⁹ 39	3 ³ 56	13 ¹³ 6	25 ²⁵ 27	25 ²⁵ 9	14 ¹⁴ 1	2 ² 55	F 5
S 6	9 0 41	16 ¹⁶ 17'22	24 ²⁴ 48	4 ⁴ 28	15 ¹⁵ 53	4 ⁴ 24	6 ⁶ 51	5 ⁵ 13	29 ²⁹ 42	3 ³ 58	13 ¹³ 7	25 ²⁵ 17	25 ²⁵ 6	14 ¹⁴ 8	2 ² 54	S 6
S 7	9 4 38	17 ¹⁷ 18'07	8 ⁸ 11	5 ⁵ 30	17 ¹⁷ 7	5 ⁵ 11	6 ⁶ 46	5 ⁵ 14	29 ²⁹ 46	4 ⁴ 0	13 ¹³ 8	25 ²⁵ 9	25 ²⁵ 3	14 ¹⁴ 15	2 ² 54	S 7
M 8	9 8 34	18 ¹⁸ 18'51	21 ²¹ 44	6 ⁶ 24	18 ¹⁸ 21	5 ⁵ 58	6 ⁶ 42	5 ⁵ 15	29 ²⁹ 49	4 ⁴ 2	13 ¹³ 9	25 ²⁵ 5	24 ²⁴ 59	14 ¹⁴ 21	2 ² 54	M 8
T 9	9 12 31	19 ¹⁹ 19'34	5 ⁵ 11 27	7 ⁷ 10	19 ¹⁹ 35	6 ⁶ 45	6 ⁶ 37	5 ⁵ 15	29 ²⁹ 53	4 ⁴ 4	13 ¹³ 10	25 ²⁵ 2	24 ²⁴ 56	14 ¹⁴ 28	2 ² 54	T 9
W10	9 16 27	20 ²⁰ 20'16	19 ¹⁹ 20	7 ⁷ 47	20 ²⁰ 48	7 ⁷ 32	6 ⁶ 33	5 ⁵ 16	29 ²⁹ 56	4 ⁴ 7	13 ¹³ 11	25 ²⁵ 2	24 ²⁴ 53	14 ¹⁴ 35	2 ² D54	W10
T 11	9 20 24	21 ²¹ 20'57	3 ³ 11 23	8 ⁸ 15	22 ²² 2	8 ⁸ 19	6 ⁶ 29	5 ⁵ 16	29 ²⁹ 59	4 ⁴ 9	13 ¹³ 12	25 ²⁵ 2	24 ²⁴ 50	14 ¹⁴ 41	2 ² 54	T 11
F 12	9 24 21	22 ²² 21'37	17 ¹⁷ 36	8 ⁸ 32	23 ²³ 16	9 ⁹ 6	6 ⁶ 26	5 ⁵ 16	0 ⁰ 11 3	4 ⁴ 11	13 ¹³ 13	25 ²⁵ 1	24 ²⁴ 47	14 ¹⁴ 48	2 ² 54	F 12
S 13	9 28 17	23 ²³ 22'16	1 ¹ 35 8	8 ⁸ R40	24 ²⁴ 29	9 ⁹ 53	6 ⁶ 22	5 ⁵ 16	0 ⁰ 6	4 ⁴ 13	13 ¹³ 14	24 ²⁴ 57	24 ²⁴ 44	14 ¹⁴ 55	2 ² 54	S 13
S 14	9 32 14	24 ²⁴ 22'53	16 ¹⁶ 25	8 ⁸ 36	25 ²⁵ 43	10 ¹⁰ 40	6 ⁶ 19	5 ⁵ R16	0 ⁰ 10	4 ⁴ 15	13 ¹³ 15	24 ²⁴ 51	24 ²⁴ 40	15 ¹⁵ 1	2 ² 55	S 14
M15	9 36 10	25 ²⁵ 23'29	0 ⁰ 35	8 ⁸ 22	26 ²⁶ 56	11 ¹¹ 27	6 ⁶ 16	5 ⁵ 16	0 ⁰ 13	4 ⁴ 18	13 ¹³ 16	24 ²⁴ 42	24 ²⁴ 37	15 ¹⁵ 8	2 ² 55	M15
T 16	9 40 7	26 ²⁶ 24'04	15 ¹⁵ 15	7 ⁷ 58	28 ²⁸ 10	12 ¹² 14	6 ⁶ 13	5 ⁵ 16	0 ⁰ 17	4 ⁴ 20	13 ¹³ 17	24 ²⁴ 31	24 ²⁴ 34	15 ¹⁵ 15	2 ² 55	T 16
W17	9 44 3	27 ²⁷ 24'38	29 ²⁹ 26	7 ⁷ 25	29 ²⁹ 23	13 ¹³ 1	6 ⁶ 10	5 ⁵ 16	0 ⁰ 20	4 ⁴ 22	13 ¹³ 18	24 ²⁴ 18	24 ²⁴ 31	15 ¹⁵ 21	2 ² 56	W17
T 18	9 48 0	28 ²⁸ 25'09	13 ¹³ 11 29	6 ⁶ 43	0 ⁰ Y36	13 ¹³ 48	6 ⁶ 7	5 ⁵ 15	0 ⁰ 24	4 ⁴ 24	13 ¹³ 19	24 ²⁴ 5	24 ²⁴ 28	15 ¹⁵ 28	2 ² 56	T 18
F 19	9 51 56	29 ²⁹ 25'39	26 ²⁶ 50	5 ⁵ 53	1 ¹ 50	14 ¹⁴ 35	6 ⁶ 5	5 ⁵ 15	0 ⁰ 27	4 ⁴ 26	13 ¹³ 20	23 ²³ 54	24 ²⁴ 25	15 ¹⁵ 35	2 ² 57	F 19
S 20	9 55 53	0 ⁰ 16'07	9 ⁹ Y58	4 ⁴ 57	3 ³ 3	15 ¹⁵ 22	6 ⁶ 3	5 ⁵ 14	0 ⁰ 31	4 ⁴ 28	13 ¹³ 21	23 ²³ 45	24 ²⁴ 21	15 ¹⁵ 41	2 ² 58	S 20
S 21	9 59 50	1 ¹ 26'34	22 ²² 42	3 ³ 56	4 ⁴ 16	16 ¹⁶ 9	6 ⁶ 1	5 ⁵ 14	0 ⁰ 34	4 ⁴ 30	13 ¹³ 22	23 ²³ 39	24 ²⁴ 18	15 ¹⁵ 48	2 ² 59	S 21
M22	10 3 46	2 ² 26'58	5 ⁵ 8 6	2 ² 52	5 ⁵ 29	16 ¹⁶ 56	5 ⁵ 59	5 ⁵ 13	0 ⁰ 37	4 ⁴ 32	13 ¹³ 23	23 ²³ 36	24 ²⁴ 15	15 ¹⁵ 55	2 ² 59	M22
T 23	10 7 43	3 ³ 27'21	17 ¹⁷ 14	1 ¹ 46	6 ⁶ 42	17 ¹⁷ 43	5 ⁵ 57	5 ⁵ 12	0 ⁰ 41	4 ⁴ 34	13 ¹³ 24	23 ²³ 35	24 ²⁴ 12	16 ¹⁶ 1	3 ³ 0	T 23
W24	10 11 39	4 ⁴ 27'42	29 ²⁹ 9	0 ⁰ 41	7 ⁷ 55	18 ¹⁸ 31	5 ⁵ 56	5 ⁵ 11	0 ⁰ 44	4 ⁴ 37	13 ¹³ 26	23 ²³ 35	24 ²⁴ 9	16 ¹⁶ 8	3 ³ 1	W24
T 25	10 15 36	5 ⁵ 28'00	10 ¹⁰ II58	29 ²⁹ 37	9 ⁹ 8	19 ¹⁹ 18	5 ⁵ 54	5 ⁵ 10	0 ⁰ 48	4 ⁴ 39	13 ¹³ 27	23 ²³ 35	24 ²⁴ 5	16 ¹⁶ 15	3 ³ 2	T 25
F 26	10 19 32	6 ⁶ 28'17	22 ²² 46	28 ²⁸ 37	10 ¹⁰ 21	20 ²⁰ 5	5 ⁵ 53	5 ⁵ 8	0 ⁰ 51	4 ⁴ 41	13 ¹³ 28	23 ²³ 33	24 ²⁴ 2	16 ¹⁶ 21	3 ³ 4	F 26
S 27	10 23 29	7 ⁷ 28'32	4 ⁴ 39	27 ²⁷ 41	11 ¹¹ 33	20 ²⁰ 52	5 ⁵ 53	5 ⁵ 7	0 ⁰ 55	4 ⁴ 43	13 ¹³ 29	23 ²³ 30	23 ²³ 59	16 ¹⁶ 28	3 ³ 5	S 27
S 28	10 27 25	8 ⁸ 28'45	16 ¹⁶ 42	26 ²⁶ 49	12 ¹² 46	21 ²¹ 39	5 ⁵ 52	5 ⁵ 6	0 ⁰ 58	4 ⁴ 45	13 ¹³ 30	23 ²³ 25	23 ²³ 56	16 ¹⁶ 34	3 ³ 6	S 28
M29	10 31 22	9 ⁹ 18'56	28 ²⁸ 57	26 ²⁶ 44	13 ¹³ Y59	22 ²² 26	5 ⁵ 52	5 ⁵ 11 4	1 ¹ 11 2	4 ⁴ 47	13 ¹³ Y32	23 ²³ 16	23 ²³ 53	16 ¹⁶ II41	3 ³ II 8	M29

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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ASTRODIENST EPHEMERIS for the year 1836

geocentric

MARCH 1836

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 35 19	10♈29'04	11♏29	25°R26	15°V11	23≈13	5°R51	5°R 3	1♈ 5	4≈48	13°V33	23°R 6	23♏50	16♐48	3♐ 9	T 1
W 2	10 39 15	11°29'11	24°18	24≈54	16°23	24° 0	5°D51	5♐ 1	1° 8	4°50	13°34	22♏53	23°46	16°54	3°10	W 2
T 3	10 43 12	12°29'16	7♐26	24°29	17°36	24°48	5♏51	4°59	1°12	4°52	13°35	22°41	23°43	17° 1	3°12	T 3
F 4	10 47 8	13°29'19	20°49	24°10	18°48	25°35	5°52	4°57	1°15	4°54	13°37	22°30	23°40	17° 8	3°14	F 4
S 5	10 51 5	14°29'20	4♏26	23°59	20° 0	26°22	5°52	4°55	1°19	4°56	13°38	22°20	23°37	17°14	3°15	S 5
S 6	10 55 1	15°29'19	18°14	23°D54	21°12	27° 9	5°53	4°53	1°22	4°58	13°39	22°13	23°34	17°21	3°17	S 6
M 7	10 58 58	16°29'17	2♐10	23°56	22°24	27°56	5°54	4°51	1°25	5° 0	13°40	22° 9	23°31	17°28	3°19	M 7
T 8	11 2 54	17°29'12	16°10	24° 4	23°36	28°43	5°55	4°49	1°29	5° 2	13°42	22°D 7	23°27	17°34	3°21	T 8
W 9	11 6 51	18°29'07	0♏14	24°17	24°48	29°30	5°57	4°46	1°32	5° 3	13°43	22° 7	23°24	17°41	3°23	W 9
T 10	11 10 48	19°28'59	14°20	24°36	26° 0	0♈18	5°58	4°44	1°35	5° 5	13°44	22°R 8	23°21	17°48	3°25	T 10
F 11	11 14 44	20°28'50	28°27	25° 0	27°11	1° 5	6° 0	4°41	1°39	5° 7	13°46	22° 8	23°18	17°54	3°27	F 11
S 12	11 18 41	21°28'40	12♏34	25°29	28°23	1°52	6° 2	4°39	1°42	5° 9	13°47	22° 6	23°15	18° 1	3°29	S 12
S 13	11 22 37	22°28'28	26°39	26° 3	29°35	2°39	6° 4	4°36	1°45	5°10	13°48	22° 1	23°11	18° 8	3°32	S 13
M14	11 26 34	23°28'14	10≈41	26°40	0♏46	3°26	6° 6	4°33	1°49	5°12	13°50	21°55	23° 8	18°14	3°34	M14
T 15	11 30 30	24°27'58	24°35	27°22	1°57	4°13	6° 9	4°30	1°52	5°14	13°51	21°46	23° 5	18°21	3°36	T 15
W16	11 34 27	25°27'40	8♈18	28° 8	3° 8	5° 1	6°11	4°27	1°55	5°15	13°52	21°36	23° 2	18°28	3°39	W16
T 17	11 38 23	26°27'20	21°48	28°56	4°20	5°48	6°14	4°24	1°58	5°17	13°54	21°26	22°59	18°34	3°41	T 17
F 18	11 42 20	27°26'59	5°V 2	29°49	5°31	6°35	6°17	4°21	2° 2	5°18	13°55	21°18	22°56	18°41	3°44	F 18
S 19	11 46 17	28°26'35	17°57	0♈44	6°41	7°22	6°20	4°18	2° 5	5°20	13°57	21°11	22°52	18°48	3°46	S 19
S 20	11 50 13	29°26'09	0♏34	1°42	7°52	8° 9	6°24	4°15	2° 8	5°21	13°58	21° 6	22°49	18°54	3°49	S 20
M21	11 54 10	0°V25'41	12°54	2°43	9° 3	8°56	6°27	4°11	2°11	5°23	13°59	21° 4	22°46	19° 1	3°52	M21
T 22	11 58 6	1°25'11	25° 0	3°46	10°13	9°43	6°31	4° 8	2°14	5°24	14° 1	21°D 4	22°43	19° 8	3°55	T 22
W23	12 2 3	2°24'38	6♐56	4°52	11°24	10°30	6°35	4° 4	2°17	5°26	14° 2	21° 5	22°40	19°14	3°58	W23
T 24	12 5 59	3°24'03	18°46	6° 0	12°34	11°17	6°39	4° 1	2°20	5°27	14° 4	21° 6	22°36	19°21	4° 0	T 24
F 25	12 9 56	4°23'26	0♏35	7°11	13°45	12° 4	6°43	3°57	2°23	5°29	14° 5	21°R 7	22°33	19°28	4° 3	F 25
S 26	12 13 52	5°22'47	12°29	8°23	14°55	12°51	6°48	3°53	2°26	5°30	14° 6	21° 7	22°30	19°34	4° 7	S 26
S 27	12 17 49	6°22'06	24°32	9°38	16° 5	13°38	6°52	3°50	2°30	5°31	14° 8	21° 5	22°27	19°41	4°10	S 27
M28	12 21 46	7°21'22	6♏50	10°55	17°15	14°25	6°57	3°46	2°32	5°33	14° 9	21° 1	22°24	19°48	4°13	M28
T 29	12 25 42	8°20'35	19°25	12°13	18°24	15°12	7° 2	3°42	2°35	5°34	14°11	20°56	22°21	19°54	4°16	T 29
W30	12 29 39	9°19'47	2♏22	13°33	19°34	15°59	7° 7	3°38	2°38	5°35	14°12	20°49	22°17	20° 1	4°19	W30
T 31	12 33 35	10°V18'56	15♏41	14°55	20♏43	16♈46	7♏13	3♐34	2♈41	5≈37	14°V14	20♏42	22♏14	20♐ 8	4♐23	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s39	22n 5	4n56	10s26	2n48	5n43	0s17	14s50	1s 6	23n31	0n11	10s44	2n38	11s46	0s43	18s54	0n11
W 2	7 16	18 10	5 1	10 48	2 35	6 14	0 14	14 35	1 7	23 31	0 11	10 43	2 38	11 45	0 43	18 53	0 11
T 3	6 53	13 18	4 52	11 9	2 21	6 45	0 11	14 19	1 7	23 31	0 11	10 42	2 38	11 44	0 43	18 53	0 11
F 4	6 30	7 43	4 26	11 28	2 7	7 15	0 8	14 3	1 7	23 31	0 11	10 42	2 39	11 43	0 43	18 52	0 11
S 5	6 7	1 40	3 45	11 45	1 53	7 46	0 4	13 47	1 7	23 31	0 11	10 41	2 39	11 41	0 43	18 52	0 11
S 6	5 44	4s32	2 50	12 0	1 39	8 16	0 1	13 31	1 7	23 31	0 11	10 40	2 39	11 40	0 43	18 52	0 11
M 7	5 20	10 36	1 44	12 13	1 25	8 46	0n 2	13 15	1 7	23 31	0 11	10 39	2 39	11 39	0 43	18 51	0 11
T 8	4 57	16 11	0 32	12 24	1 11	9 16	0 6	12 59	1 7	23 31	0 11	10 38	2 39	11 38	0 43	18 51	0 11
W 9	4 34	20 55	0s43	12 32	0 58	9 45	0 9	12 42	1 7	23 31	0 11	10 37	2 40	11 37	0 43	18 50	0 11
T 10	4 4	20 27	1 56	12 38	0 44	10 15	0 13	12 26	1 7	23 31	0 11	10 36	2 40	11 36	0 43	18 50	0 11
F 11	3 47	26 28	3 1	12 43	0 31	10 44	0 16	12 9	1 7	23 31	0 12	10 35	2 40	11 34	0 43	18 49	0 11
S 12	3 23	26 47	3 56	12 45	0 18	11 13	0 20	11 52	1 7	23 31	0 12	10 34	2 40	11 33	0 43	18 49	0 11
S 13	2 59	25 21	4 36	12 45	0 6	11 42	0 23	11 35	1 7	23 31	0 12	10 33	2 40	11 32	0 43	18 49	0 11
M14	2 36	22 22	4 59	12 44	0s 6	12 10	0 27	11 18	1 8	23 31	0 12	10 32	2 41	11 31	0 43	18 48	0 11
T 15	2 12	18 7	5 4	12 40	0 18	12 38	0 30	11 1	1 8	23 31	0 12	10 30	2 41	11 30	0 43	18 48	0 11
W16	1 48	12 58	4 52	12 35	0 29	13 6	0 34	10 44	1 8	23 31	0 12	10 29	2 41	11 29	0 43	18 47	0 11
T 17	1 25	7 17	4 23	12 28	0 39	13 34	0 37	10 27	1 8	23 31	0 12	10 28	2 41	11 27	0 43	18 47	0 11
F 18	1 1	1 23	3 41	12 19	0 49	14 1	0 41	10 9	1 8	23 31	0 12	10 27	2 41	11 26	0 43	18 47	0 11
S 19	0 37	4n27	2 48	12 9	0 59	14 28	0 45	9 52	1 8	23 31	0 12	10 26	2 42	11 25	0 43	18 46	0 11
S 20	0 13	10 0	1 48	11 57	1 8	14 55	0 48	9 34	1 8	23 31	0 12	10 24	2 42	11 24	0 43	18 46	0 11
M21	0n10	15 2	0 44	11 43	1 17	15 21	0 52	9 16	1 8	23 31	0 12	10 23	2 42	11 23	0 43	18 46	0 11
T 22	0 34	19 23	0n21	11 27	1 25	15 47	0 56	8 59	1 8	23 30	0 12	10 22	2 42	11 22	0 43	18 45	0 11
W23	0 58	22 53	1 25	11 10	1 33	16 12	0 59	8 41	1 8	23 30	0 12	10 21	2 42	11 21	0 43	18 45	0 11
T 24	1 21	25 23	2 24	10 52	1 40	16 37	1 3	8 23	1 8	23 30	0 13	10 19	2 42	11 20	0 43	18 45	0 11
F 25	1 45	26 45	3 17	10 32	1 47	17 2	1 6	8 5	1 7	23 30	0 13	10 18	2 42	11 19	0 43	18 44	0 11
S 26	2 8	26 54	4 2	10 11	1 53	17 26	1 10	7 47	1 7	23 30	0 13	10 17	2 43	11 17	0 43	18 44	0 11
S 27	2 32	25 47	4 37	9 48	1 59	17 50	1 14	7 29	1 7	23 30	0 13	10 15	2 43	11 16	0 43	18 44	0 11
M28	2 55	23 25	5 0	9 24	2 4	18 14	1 17	7 10	1 7	23 30	0 13	10 14	2 43	11 15	0 44	18 43	0 11
T 29	3 19	19 54	5 9	8 58	2 9	18 37	1 21	6 52	1 7	23 29	0 13	10 12	2 43	11 14	0 44	18 43	0 11
W30	3 42	15 21	5 3	8 31	2 13	19 0	1 24	6 34	1 7	23 29	0 13	10 11	2 43	11 13	0 44	18 43	0 11
T 31	4n 5	9n58	4n41	8s 3	2s17	19n22	1n28	6s16	1s 7	23n29	0n13	10s10	2n43	11s12	0s44	18s42	0n11

Julian Day Number = 2391704.5, Delta T = 8.11 sec
 Ecliptic obliquity = 23°27'44", Nutation = - 0°00'13", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°27'09", Lahiri = 21°34'10"

ASTRODIENST EPHEMERIS for the year 1836

geocentric

APRIL 1836

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	12 37 32	11°18'03	29°12'20	16°19'19	21°18'53	17°18'33	7°18'18	3°R30	2°18'44	5°18'38	14°18'15	20°R36	22°18'11	20°18'14	4°18'26	F 1
S 2	12 41 28	12°17'08	13°12'19	17°45'23	23°2'2	18°20'20	7°24'24	3°12'26	2°47'24	5°39'24	14°16'16	20°R30	22°8'22	20°21'20	4°29'42	S 2
S 3	12 45 25	13°16'10	27°32'27	19°12'24	24°11'25	19°7'19	7°29'30	3°22'30	2°50'30	5°40'30	14°18'18	20°27'20	22°5'22	20°28'20	4°33'40	S 3
M 4	12 49 21	14°15'11	11°15'55	20°41'25	25°20'19	19°53'19	7°35'30	3°18'30	2°53'30	5°41'30	14°19'19	20°25'20	22°2'22	20°34'20	4°36'40	M 4
T 5	12 53 18	15°14'10	26°22'22	22°11'26	26°28'20	20°40'20	7°41'30	3°14'30	2°55'30	5°42'30	14°21'21	20°D25	21°58'21	20°41'20	4°40'40	T 5
W 6	12 57 14	16°13'08	10°14'48	23°43'23	27°37'27	21°27'27	7°48'30	3°9'30	2°58'30	5°43'30	14°22'22	20°26'20	21°55'21	20°48'20	4°43'40	W 6
T 7	13 1 11	17°12'03	25°10'25	25°17'28	28°46'22	22°14'22	7°54'30	3°5'30	3°1'30	5°44'30	14°24'24	20°27'20	21°52'21	20°54'20	4°47'40	T 7
F 8	13 5 8	18°10'57	9°35'25	26°52'29	29°54'23	23°1'23	8°0'30	3°1'30	3°4'30	5°45'30	14°25'25	20°28'20	21°49'21	21°1'21	4°51'40	F 8
S 9	13 9 4	19°9'49	23°30'28	28°28'11	23°47'23	23°47'23	8°7'30	2°56'30	3°6'30	5°46'30	14°26'26	20°R29	21°46'21	21°8'21	4°54'40	S 9
S 10	13 13 1	20°8'40	7°25'07	0°7'2	2°10'24	24°34'8	8°14'25	2°52'30	3°9'30	5°47'30	14°28'28	20°27'20	21°42'21	21°14'21	4°58'40	S 10
M 11	13 16 57	21°7'28	21°8'21	1°47'3	3°18'25	25°21'8	8°21'24	2°48'30	3°11'30	5°48'30	14°29'29	20°25'20	21°39'21	21°21'21	5°2'40	M 11
T 12	13 20 54	22°6'15	4°39'3	3°28'4	4°25'26	26°7'8	8°28'24	2°43'30	3°14'30	5°49'30	14°31'31	20°21'20	21°36'21	21°28'21	5°6'40	T 12
W 13	13 24 50	23°5'00	17°57'5	5°11'5	5°33'26	26°54'8	8°35'24	2°39'30	3°17'30	5°50'30	14°32'32	20°17'20	21°33'21	21°34'21	5°10'40	W 13
T 14	13 28 47	24°3'44	1°1'1	6°55'6	6°40'27	27°41'8	8°43'24	2°34'30	3°19'30	5°51'30	14°34'34	20°13'20	21°30'21	21°41'21	5°14'40	T 14
F 15	13 32 43	25°2'25	13°52'8	8°42'7	7°47'28	28°27'8	8°50'24	2°30'30	3°21'30	5°51'30	14°35'35	20°9'20	21°27'21	21°47'21	5°18'40	F 15
S 16	13 36 40	26°1'05	26°28'10	10°29'8	8°54'29	29°14'8	8°58'24	2°25'30	3°24'30	5°52'30	14°36'36	20°6'20	21°23'21	21°54'21	5°22'40	S 16
S 17	13 40 37	26°59'42	8°52'12	12°19'10	10°1'0	0°7'0	9°6'2	2°21'30	3°26'30	5°53'30	14°38'38	20°5'20	21°20'21	22°1'21	5°26'40	S 17
M 18	13 44 33	27°58'18	21°3'14	14°10'11	11°8'0	0°47'9	9°13'2	2°16'30	3°29'30	5°54'30	14°39'39	20°D4	21°17'21	22°7'21	5°30'40	M 18
T 19	13 48 30	28°56'51	3°11'4	16°2'12	12°14'1	1°33'9	9°22'2	2°12'30	3°31'30	5°54'30	14°41'41	20°5'20	21°14'21	22°14'21	5°34'40	T 19
W 20	13 52 26	29°55'23	14°57'17	17°56'13	13°20'2	2°20'9	9°30'2	2°7'30	3°33'30	5°55'30	14°42'42	20°6'20	21°11'21	22°21'21	5°38'40	W 20
T 21	13 56 23	0°53'53	26°47'19	19°52'14	14°26'3	3°6'9	9°38'2	2°3'30	3°35'30	5°55'30	14°43'43	20°7'20	21°8'21	22°27'21	5°43'40	T 21
F 22	14 0 19	1°52'20	8°36'21	21°50'15	15°32'3	3°53'9	9°46'1	1°58'30	3°38'30	5°56'30	14°45'45	20°9'20	21°4'21	22°34'21	5°47'40	F 22
S 23	14 4 16	2°50'45	20°30'23	23°49'16	16°38'4	4°39'9	9°55'1	1°53'30	3°40'30	5°56'30	14°46'46	20°10'20	21°1'21	22°41'21	5°51'40	S 23
S 24	14 8 12	3°49'09	2°32'25	25°49'17	17°43'5	5°25'10	10°4'1	1°49'30	3°42'30	5°57'30	14°48'48	20°R10	20°58'20	22°47'22	5°55'40	S 24
M 25	14 12 9	4°47'30	14°48'27	27°51'18	18°48'6	6°11'10	10°12'1	1°44'30	3°44'30	5°57'30	14°49'49	20°10'20	20°55'20	22°54'22	6°0'40	M 25
T 26	14 16 6	5°45'49	27°23'29	29°54'19	19°53'6	6°58'10	10°21'1	1°40'30	3°46'30	5°58'30	14°50'50	20°9'20	20°52'20	23°1'21	6°4'40	T 26
W 27	14 20 2	6°44'06	10°19'19	1°59'20	20°57'7	7°44'10	10°30'1	1°35'30	3°48'30	5°58'30	14°52'52	20°8'20	20°48'20	23°7'21	6°9'40	W 27
T 28	14 23 59	7°42'20	23°39'4	4°5'22	2°2'8	8°30'10	10°39'1	1°31'30	3°50'30	5°59'30	14°53'53	20°6'20	20°45'20	23°14'21	6°13'40	T 28
F 29	14 27 55	8°40'33	7°25'6	6°12'23	3°6'2	9°16'10	10°49'1	1°26'30	3°52'30	5°59'30	14°54'54	20°5'20	20°42'20	23°21'21	6°18'40	F 29
S 30	14 31 52	9°38'44	21°34'8	8°21'24	24°11'9	10°7'2	10°58'1	1°22'30	3°54'30	5°59'30	14°56'56	20°R3	20°R39	23°11'21	6°11'21	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	4n28	3n58	4n 2	7s33	2s20	19n43	1n31	5s57	1s 7	23n29	0n13	10s 8	2n43	11s11	0s44	F 1
S 2	4 52	2s22	3 8	7 2	2 23	20 5	1 35	5 39	1 7	23 29	0 13	10 7	2 43	11 10	0 44	S 2
S 3	5 15	8 43	2 1	6 30	2 25	20 25	1 38	5 20	1 7	23 28	0 13	10 5	2 44	11 9	0 44	S 3
M 4	5 38	14 41	0 46	5 57	2 27	20 46	1 42	5 2	1 7	23 28	0 13	10 4	2 44	11 8	0 44	M 4
T 5	6 0	19 53	0s32	5 23	2 28	21 5	1 45	4 43	1 7	23 28	0 13	10 2	2 44	11 7	0 44	T 5
W 6	6 23	23 53	1 49	4 47	2 29	21 25	1 49	4 25	1 6	23 27	0 14	10 1	2 44	11 6	0 44	W 6
T 7	6 46	26 21	2 58	4 40	2 30	21 43	1 52	4 6	1 6	23 27	0 14	9 59	2 44	11 5	0 44	T 7
F 8	7 8	27 3	3 56	3 32	2 29	22 1	1 55	3 47	1 6	23 27	0 14	9 58	2 44	11 4	0 44	F 8
S 9	7 31	26 0	4 39	2 53	2 29	22 19	1 59	3 29	1 6	23 26	0 14	9 56	2 44	11 3	0 44	S 9
S 10	7 53	23 21	5 5	2 13	2 28	22 36	2 2	3 10	1 6	23 26	0 14	9 54	2 44	11 2	0 44	S 10
M 11	8 15	19 24	5 13	1 31	2 26	22 53	2 5	2 51	1 6	23 26	0 14	9 53	2 44	11 2	0 44	M 11
T 12	8 37	14 31	5 3	0 49	2 24	23 9	2 8	2 33	1 5	23 25	0 14	9 51	2 44	11 1	0 44	T 12
W 13	8 59	9 1	4 37	0 6	2 21	23 24	2 11	2 14	1 5	23 25	0 14	9 50	2 44	11 0	0 44	W 13
T 14	9 21	3 13	3 57	0n39	2 18	23 39	2 14	1 55	1 5	23 25	0 14	9 48	2 44	10 59	0 44	T 14
F 15	9 42	2n37	3 6	1 24	2 14	23 53	2 17	1 36	1 5	23 24	0 14	9 47	2 44	10 58	0 44	F 15
S 16	10 3	8 16	2 6	2 10	2 10	24 7	2 20	1 18	1 5	23 24	0 14	9 45	2 44	10 57	0 44	S 16
S 17	10 25	13 30	1 1	2 57	2 5	24 20	2 23	0 59	1 4	23 23	0 14	9 44	2 44	10 56	0 44	S 17
M 18	10 46	18 7	0n 5	3 45	2 0	24 32	2 26	0 40	1 4	23 23	0 14	9 42	2 44	10 56	0 44	M 18
T 19	11 7	21 57	1 11	4 34	1 54	24 44	2 28	0 22	1 4	23 22	0 14	9 40	2 44	10 55	0 44	T 19
W 20	11 27	24 49	2 13	5 23	1 48	24 55	2 31	0 3	1 4	23 22	0 14	9 39	2 44	10 54	0 44	W 20
T 21	11 48	26 34	3 9	6 13	1 41	25 6	2 34	0n16	1 4	23 21	0 15	9 37	2 44	10 53	0 44	T 21
F 22	12 8	27 7	3 57	7 4	1 34	25 16	2 36	0 34	1 3	23 21	0 15	9 36	2 44	10 52	0 44	F 22
S 23	12 28	28 26	4 35	7 55	1 26	25 25	2 38	0 53	1 3	23 20	0 15	9 34	2 44	10 52	0 44	S 23
S 24	12 48	24 30	5 2	8 46	1 18	25 34	2 41	1 12	1 3	23 20	0 15	9 33	2 44	10 51	0 44	S 24
M 25	13 8	21 25	5 15	9 38	1 9	25 42	2 43	1 30	1 2	23 19	0 15	9 31	2 44	10 50	0 44	M 25
T 26	13 27	17 18	5 14	10 30	1 1	25 49	2 45	1 49	1 2	23 18	0 15	9 30	2 44	10 49	0 44	T 26
W 27	13 47	12 17	4 57	11 22	0 51	25 56	2 47	2 7	1 2	23 18	0 15	9 28	2 44	10 49	0 44	W 27
T 28	14 6	6 34	4 24	12 15	0 42	26 2	2 49	2 26	1 2	23 17	0 15	9 27	2 44	10 48	0 44	T 28
F 29	14 24	0 21	3 35	13 6	0 32	26 8	2 51	2 44	1 1	23 16	0 15	9 25	2 44	10 47	0 44	F 29
S 30	14n43	6s 4	2n31	13n58	0s21	26n13	2n53	3n 3	1s 1	23n16	0n15	9s24	2n44	10s47	0s44	S 30

Julian Day Number = 2391735.5, Delta T = 8.09 sec

Ecliptic obliquity = 23°27'44, Nutation = - 0°00'14, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°27'13, Lahiri = 21°34'14

ASTRODIENST EPHEMERIS for the year 1836

geocentric

MAY 1836

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	14 35 48	10♈36°53	6♉ 4	10♈30	25♉13	10♈48	11♈7	1°R17	3♈56	5♈59	14♈57	20°R 3	20♈36	23♉34	6♉27	S 1
M 2	14 39 45	11°35'01	20°48	12°39	26°16	11°34	11°17	1♉13	3°57	6° 0	14°58	20°D 3	20°33	23°41	6°31	M 2
T 3	14 43 41	12°33'06	5♈40	14°49	27°19	12°20	11°27	1° 8	3°59	6° 0	15° 0	20♈ 3	20°29	23°47	6°36	T 3
W 4	14 47 38	13°31'11	20°32	16°59	28°22	13° 6	11°36	1° 4	4° 1	6° 0	15° 1	20° 3	20°26	23°54	6°40	W 4
T 5	14 51 35	14°29'14	5♈17	19° 9	29°24	13°52	11°46	0°59	4° 2	6° 0	15° 2	20° 4	20°23	24° 1	6°45	T 5
F 6	14 55 31	15°27'15	19°50	21°19	0♉26	14°38	11°56	0°55	4° 4	6° 0	15° 3	20° 4	20°20	24° 8	6°50	F 6
S 7	14 59 28	16°25'15	4♈ 5	23°27	1°28	15°23	12° 6	0°51	4° 6	6° 0	15° 5	20° 4	20°17	24°14	6°54	S 7
S 8	15 3 24	17°23'14	18° 1	25°35	2°29	16° 9	12°16	0°46	4° 7	6°R 0	15° 6	20°R 5	20°14	24°21	6°59	S 8
M 9	15 7 21	18°21'12	1♈37	27°41	3°30	16°55	12°27	0°42	4° 9	6° 0	15° 7	20° 4	20°10	24°28	7° 4	M 9
T 10	15 11 17	19°19'08	14°55	29°46	4°31	17°41	12°37	0°38	4°10	6° 0	15° 8	20° 4	20° 7	24°34	7° 8	T 10
W 11	15 15 14	20°17'03	27°55	1♉49	5°32	18°26	12°47	0°34	4°12	6° 0	15°10	20°D 4	20° 4	24°41	7°13	W 11
T 12	15 19 10	21°14'56	10♈39	3°50	6°31	19°12	12°58	0°30	4°13	6° 0	15°11	20° 4	20° 1	24°48	7°18	T 12
F 13	15 23 7	22°12'48	23°10	5°49	7°31	19°57	13° 9	0°26	4°14	6° 0	15°12	20° 5	19°58	24°54	7°23	F 13
S 14	15 27 4	23°10'39	5♈29	7°45	8°30	20°43	13°19	0°22	4°15	6° 0	15°13	20° 5	19°54	25° 1	7°28	S 14
S 15	15 31 0	24° 8'29	17°38	9°39	9°29	21°28	13°30	0°18	4°17	6° 0	15°14	20°R 5	19°51	25° 8	7°32	S 15
M 16	15 34 57	25° 6'17	29°38	11°30	10°28	22°14	13°41	0°14	4°18	5°59	15°16	20° 5	19°48	25°14	7°37	M 16
T 17	15 38 53	26° 4'04	11♉33	13°18	11°26	22°59	13°52	0°10	4°19	5°59	15°17	20° 5	19°45	25°21	7°42	T 17
W 18	15 42 50	27° 1'49	23°23	15° 3	12°23	23°44	14° 3	0° 6	4°20	5°59	15°18	20° 4	19°42	25°28	7°47	W 18
T 19	15 46 46	27°59'33	5♈12	16°45	13°20	24°29	14°14	0° 2	4°21	5°58	15°19	20° 3	19°39	25°34	7°52	T 19
F 20	15 50 43	28°57'16	17° 2	18°24	14°17	25°15	14°25	29♈58	4°22	5°58	15°20	20° 2	19°35	25°41	7°57	F 20
S 21	15 54 39	29°54'57	28°57	20° 0	15°13	26° 0	14°36	29°55	4°23	5°58	15°21	20° 0	19°32	25°48	8° 2	S 21
S 22	15 58 36	0♉52°36	10♉59	21°32	16° 9	26°45	14°48	29°51	4°24	5°57	15°22	19°59	19°29	25°54	8° 7	S 22
M 23	16 2 33	1°50'14	23°14	23° 2	17° 4	27°30	14°59	29°48	4°25	5°57	15°23	19°59	19°26	26° 1	8°11	M 23
T 24	16 6 29	2°47'51	5♈45	24°28	17°58	28°15	15°11	29°44	4°25	5°56	15°24	19°D59	19°23	26° 8	8°16	T 24
W 25	16 10 26	3°45'25	18°37	25°51	18°52	29° 0	15°22	29°41	4°26	5°56	15°25	19°59	19°20	26°14	8°21	W 25
T 26	16 14 22	4°42'59	1♉52	27°10	19°45	29°45	15°34	29°37	4°27	5°55	15°26	20° 0	19°16	26°21	8°26	T 26
F 27	16 18 19	5°40'31	15°33	28°26	20°38	0♉29	15°45	29°34	4°28	5°55	15°27	20° 1	19°13	26°28	8°31	F 27
S 28	16 22 15	6°38'02	29°41	29°38	21°30	1°14	15°57	29°31	4°28	5°54	15°28	20° 2	19°10	26°34	8°36	S 28
S 29	16 26 12	7°35'31	14♉14	0♉47	22°22	1°59	16° 9	29°28	4°29	5°53	15°29	20°R 3	19° 7	26°41	8°41	S 29
M 30	16 30 8	8°32'59	29° 8	1°53	23°13	2°43	16°21	29°25	4°29	5°53	15°30	20° 3	19° 4	26°48	8°46	M 30
T 31	16 34 5	9♉30°27	14♈14	2♉54	24♉ 3	3♈28	16♉33	29♈22	4♈30	5♈52	15°31	20♈ 2	19♈ 0	26♉54	8♉51	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	15n 1	12s21	1n17	14n49	0s11	26n17	2n55	3n21	1s 1	23n15	0n15	9s22	2n44	10s46	0s44	S 1
M 2	15 19	18 2	0s 4	15 39	0 1	26 21	2 56	3 39	1 0	23 14	0 15	9 21	2 44	10 46	0 45	M 2
T 3	15 37	22 41	1 26	16 28	0n10	26 24	2 58	3 57	1 0	23 13	0 15	9 19	2 44	10 45	0 45	T 3
W 4	15 55	25 48	2 41	17 15	0 21	26 26	2 59	4 16	1 0	23 13	0 15	9 18	2 44	10 44	0 45	W 4
T 5	16 12	27 7	3 46	18 2	0 31	26 28	3 0	4 34	0 59	23 12	0 15	9 16	2 44	10 44	0 45	T 5
F 6	16 29	26 31	4 34	18 46	0 42	26 29	3 1	4 52	0 59	23 11	0 16	9 15	2 44	10 43	0 45	F 6
S 7	16 46	24 12	5 5	19 29	0 52	26 30	3 2	5 10	0 59	23 10	0 16	9 13	2 44	10 43	0 45	S 7
S 8	17 2	20 28	5 17	20 10	1 2	26 29	3 3	5 28	0 58	23 9	0 16	9 12	2 43	10 42	0 45	S 8
M 9	17 19	15 45	5 11	20 49	1 11	26 29	3 4	5 46	0 58	23 8	0 16	9 11	2 43	10 42	0 45	M 9
T 10	17 34	10 22	4 48	21 26	1 20	26 28	3 5	6 3	0 57	23 7	0 16	9 9	2 43	10 41	0 45	T 10
W 11	17 50	4 40	4 11	22 0	1 29	26 26	3 5	6 21	0 57	23 7	0 16	9 8	2 43	10 41	0 45	W 11
T 12	18 5	1n 8	3 22	22 31	1 37	26 23	3 5	6 39	0 57	23 6	0 16	9 7	2 43	10 40	0 45	T 12
F 13	18 20	6 47	2 24	23 0	1 44	26 20	3 6	6 56	0 56	23 5	0 16	9 5	2 43	10 40	0 45	F 13
S 14	18 35	12 6	1 20	23 27	1 51	26 17	3 6	7 14	0 56	23 4	0 16	9 4	2 43	10 39	0 45	S 14
S 15	18 50	16 53	0 14	23 51	1 57	26 13	3 6	7 31	0 55	23 3	0 16	9 3	2 43	10 39	0 45	S 15
M 16	19 4	20 57	0n53	24 12	2 2	26 8	3 5	7 49	0 55	23 2	0 16	9 1	2 43	10 39	0 45	M 16
T 17	19 17	14 27	1 56	24 31	2 7	26 3	3 5	8 6	0 55	23 1	0 16	9 0	2 42	10 38	0 45	T 17
W 18	19 31	26 12	2 54	24 47	2 10	25 57	3 5	8 23	0 54	22 59	0 16	8 59	2 42	10 38	0 45	W 18
T 19	19 44	27 6	3 45	25 1	2 13	25 51	3 4	8 40	0 54	22 58	0 16	8 58	2 42	10 37	0 45	T 19
F 20	19 57	26 46	4 26	25 12	2 16	25 44	3 3	8 57	0 53	22 57	0 16	8 57	2 42	10 37	0 45	F 20
S 21	20 9	25 13	4 56	25 22	2 17	25 36	3 2	9 14	0 53	22 56	0 16	8 56	2 42	10 37	0 45	S 21
S 22	20 21	22 30	5 13	25 29	2 17	25 29	3 1	9 30	0 52	22 55	0 17	8 55	2 42	10 37	0 45	S 22
M 23	20 33	18 45	5 16	25 34	2 17	25 20	3 0	9 47	0 52	22 54	0 17	8 53	2 41	10 36	0 45	M 23
T 24	20 44	14 8	5 5	25 37	2 16	25 12	2 58	10 4	0 51	22 52	0 17	8 52	2 41	10 36	0 45	T 24
W 25	20 55	8 46	4 38	25 38	2 14	25 3	2 56	10 20	0 51	22 51	0 17	8 51	2 41	10 36	0 45	W 25
T 26	21 6	2 52	3 56	25 37	2 11	24 53	2 54	10 36	0 50	22 50	0 17	8 50	2 41	10 36	0 45	T 26
F 27	21 16	3s22	2 59	25 35	2 7	24 43	2 52	10 52	0 50	22 49	0 17	8 49	2 41	10 35	0 45	F 27
S 28	21 26	9 39	1 50	25 31	2 3	24 32	2 50	11 9	0 49	22 47	0 17	8 48	2 41	10 35	0 46	S 28
S 29	21 36	15 37	0 32	25 25	1 58	24 22	2 48	11 24	0 49	22 46	0 17	8 48	2 40	10 35	0 46	S 29
M 30	21 45	20 48	0s50	25 18	1 51	24 10	2 45	11 40	0 48	22 45	0 17	8 47	2 40	10 35	0 46	M 30
T 31	21n54	24s41	2s10	25n10	1n44	23n59	2n42	11n56	0s48	22n43	0n17	8s46	2n40	10s35	0s46	T 31

Julian Day Number = 2391765.5, Delta T = 8.07 sec
 Ecliptic obliquity = 23°27'44", Nutation = - 0°00'15", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°27'18", Lahiri = 21°34'18"

ASTRODIENST EPHEMERIS for the year 1836

geocentric

JUNE 1836

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	16 38 2	10 ¹¹ 27'53	29 ¹⁷ 25	3 ⁵⁵ 52	24 ⁵⁵ 52	4 ⁸ 13	16 ⁵⁵ 45	29 ¹⁹ 19	4 ³⁰ 30	5 ¹⁹ 51	15 ³² 32	20 ¹⁹ 0	18 ⁵⁷ 57	27 ¹¹ 1	8 ¹¹ 56	W 1
T 2	16 41 58	11 ²⁵ 19	14 ³ 31	4 ⁴⁷	25 ⁴¹	4 ⁵⁷	16 ⁵⁷	29 ¹⁶ 16	4 ³⁰	5 ⁵⁵ 51	15 ³³	19 ⁵⁷ 57	18 ⁵⁴	27 ⁸	9 ¹	T 2
F 3	16 45 55	12 ²² 44	29 ²²	5 ³⁷	26 ²⁸	5 ⁴²	17 ⁹	29 ¹⁴	4 ³¹	5 ⁵⁰	15 ³⁴	19 ⁵⁴	18 ⁵¹	27 ¹⁴	9 ⁶	F 3
S 4	16 49 51	13 ²⁰ 08	13 ⁵⁵ 52	6 ²⁴	27 ¹⁵	6 ²⁶	17 ²¹	29 ¹¹	4 ³¹	5 ⁴⁹	15 ³⁵	19 ⁵²	18 ⁴⁸	27 ²¹	9 ¹¹	S 4
S 5	16 53 48	14 ¹⁷ 31	27 ⁵⁸	7 ⁶	28 ²	7 ¹⁰	17 ³³	29 ⁸	4 ³¹	5 ⁴⁸	15 ³⁶	19 ⁵⁰	18 ⁴⁵	27 ²⁸	9 ¹⁶	S 5
M 6	16 57 44	15 ¹⁴ 54	11 ³⁷ 37	7 ⁴⁴	28 ⁴⁷	7 ⁵⁴	17 ⁴⁵	29 ⁶	4 ³¹	5 ⁴⁷	15 ³⁶	19 ⁴⁹	18 ⁴¹	27 ³⁴	9 ²¹	M 6
T 7	17 1 141	16 ¹² 16	24 ⁵²	8 ¹⁸	29 ³¹	8 ³⁹	17 ⁵⁸	29 ³	4 ³¹	5 ⁴⁶	15 ³⁷	19 ⁴⁹	18 ³⁸	27 ⁴¹	9 ²⁵	T 7
W 8	17 5 38	17 ⁹ 38	7 ⁴⁴	8 ⁴⁸	0 ¹⁵ 15	9 ²³	18 ¹⁰	29 ¹	4 ³¹	5 ⁴⁵	15 ³⁸	19 ⁵⁰	18 ³⁵	27 ⁴⁸	9 ³⁰	W 8
T 9	17 9 34	18 ⁶ 59	20 ¹⁷	9 ¹⁴	0 ⁵⁷	10 ⁷	18 ²²	28 ⁵⁹	4 ³¹	5 ⁴⁵	15 ³⁹	19 ⁵²	18 ³²	27 ⁵⁴	9 ³⁵	T 9
F 10	17 13 31	19 ⁴ 20	2 ³⁵	9 ³⁵	1 ³⁹	10 ⁵¹	18 ³⁵	28 ⁵⁷	4 ³¹	5 ⁴⁴	15 ⁴⁰	19 ⁵⁴	18 ²⁹	28 ¹	9 ⁴⁰	F 10
S 11	17 17 27	20 ¹ 40	14 ⁴¹	9 ⁵¹	2 ¹⁹	11 ³⁵	18 ⁴⁷	28 ⁵⁵	4 ³¹	5 ⁴³	15 ⁴⁰	19 ⁵⁵	18 ²⁵	28 ⁸	9 ⁴⁵	S 11
S 12	17 21 24	20 ⁵⁹ 00	26 ³⁹	10 ³	2 ⁵⁹	12 ¹⁹	19 ⁰	28 ⁵³	4 ³¹	5 ⁴²	15 ⁴¹	19 ⁵⁴	18 ²²	28 ¹⁴	9 ⁵⁰	S 12
M13	17 25 20	21 ⁵⁶ 19	8 ¹¹ 31	10 ¹¹	3 ³⁷	13 ³	19 ¹³	28 ⁵¹	4 ³¹	5 ⁴¹	15 ⁴²	19 ⁵³	18 ¹⁹	28 ²¹	9 ⁵⁵	M13
T 14	17 29 17	22 ⁵³ 38	20 ²¹	10 ¹³	4 ¹⁴	13 ⁴⁷	19 ²⁵	28 ⁴⁹	4 ³¹	5 ³⁹	15 ⁴²	19 ⁵⁰	18 ¹⁶	28 ²⁸	10 ⁰	T 14
W15	17 33 13	23 ⁵⁰ 56	2 ⁵⁰ 10	10 ¹²	4 ⁵⁰	14 ³⁰	19 ³⁸	28 ⁴⁸	4 ³⁰	5 ³⁸	15 ⁴³	19 ⁴⁵	18 ¹³	28 ³⁴	10 ⁵	W15
T 16	17 37 10	24 ⁴⁸ 13	14 ⁰	10 ⁶	5 ²⁵	15 ¹⁴	19 ⁵¹	28 ⁴⁶	4 ³⁰	5 ³⁷	15 ⁴⁴	19 ³⁹	18 ¹⁰	28 ⁴¹	10 ⁹	T 16
F 17	17 41 7	25 ⁴⁵ 30	25 ⁵³	9 ⁵⁵	5 ⁵⁸	15 ⁵⁸	20 ³	28 ⁴⁴	4 ³⁰	5 ³⁶	15 ⁴⁴	19 ³³	18 ⁶	28 ⁴⁸	10 ¹⁴	F 17
S 18	17 45 3	26 ⁴² 47	7 ¹⁵ 52	9 ⁴¹	6 ³⁰	16 ⁴¹	20 ¹⁶	28 ⁴³	4 ²⁹	5 ³⁵	15 ⁴⁵	19 ²⁶	18 ³	28 ⁵⁵	10 ¹⁹	S 18
S 19	17 49 0	27 ⁴⁰ 02	19 ⁵⁸	9 ²²	7 ⁰	17 ²⁵	20 ²⁹	28 ⁴²	4 ²⁹	5 ³⁴	15 ⁴⁶	19 ²¹	18 ⁰	29 ¹	10 ²⁴	S 19
M20	17 52 56	28 ³⁷ 17	2 ¹¹ 15	9 ⁰	7 ²⁹	18 ⁸	20 ⁴²	28 ⁴¹	4 ²⁸	5 ³³	15 ⁴⁶	19 ¹⁶	17 ⁵⁷	29 ⁸	10 ²⁹	M20
T 21	17 56 53	29 ³⁴ 32	14 ⁴⁶	8 ³⁴	7 ⁵⁷	18 ⁵¹	20 ⁵⁵	28 ³⁹	4 ²⁸	5 ³¹	15 ⁴⁷	19 ¹³	17 ⁵⁴	29 ¹⁵	10 ³⁴	T 21
W22	18 0 49	0 ⁵³ 145	27 ³⁴	8 ⁶	8 ²³	19 ³⁵	21 ⁸	28 ³⁸	4 ²⁷	5 ³⁰	15 ⁴⁷	19 ¹²	17 ⁵¹	29 ²¹	10 ³⁸	W22
T 23	18 4 46	1 ²⁸ 58	10 ¹⁴ 44	7 ³⁵	8 ⁴⁷	20 ¹⁸	21 ²¹	28 ³⁷	4 ²⁷	5 ²⁹	15 ⁴⁸	19 ¹³	17 ⁴⁷	29 ²⁸	10 ⁴³	T 23
F 24	18 8 42	2 ²⁶ 11	24 ¹⁷	7 ¹	9 ¹⁰	21 ¹	21 ³⁴	28 ³⁷	4 ²⁶	5 ²⁸	15 ⁴⁸	19 ¹⁴	17 ⁴⁴	29 ³⁵	10 ⁴⁸	F 24
S 25	18 12 39	3 ²³ 23	8 ¹¹ 15	6 ²⁷	9 ³¹	21 ⁴⁴	21 ⁴⁷	28 ³⁶	4 ²⁵	5 ²⁶	15 ⁴⁹	19 ¹⁵	17 ⁴¹	29 ⁴¹	10 ⁵²	S 25
S 26	18 16 36	4 ²⁰ 35	22 ⁴⁰	5 ⁵¹	9 ⁵⁰	22 ²⁷	22 ⁰	28 ³⁵	4 ²⁴	5 ²⁵	15 ⁴⁹	19 ¹⁵	17 ³⁸	29 ⁴⁸	10 ⁵⁷	S 26
M27	18 20 32	5 ¹⁷ 46	7 ¹⁷ 28	5 ¹⁵	10 ⁷	23 ¹⁰	22 ¹³	28 ³⁵	4 ²³	5 ²⁴	15 ⁴⁹	19 ¹⁴	17 ³⁵	29 ⁵⁵	11 ²	M27
T 28	18 24 29	6 ¹⁴ 57	22 ³⁴	4 ⁴⁰	10 ²²	23 ⁵³	22 ²⁶	28 ³⁴	4 ²³	5 ²²	15 ⁵⁰	19 ¹¹	17 ³²	0 ⁸ 1	11 ⁶	T 28
W29	18 28 25	7 ¹² 08	7 ³⁵ 50	4 ⁵	10 ³⁵	24 ³⁶	22 ³⁹	28 ³⁴	4 ²²	5 ²¹	15 ⁵⁰	19 ⁶	17 ²⁸	0 ⁸	11 ¹¹	W29
T 30	18 32 22	8 ⁵ 9'18	23 ³ 4	3 ⁵³ 2	10 ¹⁴ 6	25 ¹⁸ 18	22 ⁵² 52	28 ³⁴ 34	4 ²¹ 21	5 ¹⁹ 19	15 ⁵¹ 51	18 ⁵⁹ 59	17 ²⁵ 25	0 ⁸ 15	11 ¹¹ 16	T 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n 2	26s48	3s20	25n 1	1n37	23n47	2n39	12n11	0s47	22n42	0n17	8s45	2n40	10s35	0s46	18s39	0n11	9s29	16s55	17n45	17n28	26n36	17n37	4s15			
T 2	22 10	26 55	4 17	24 50	1 28	23 35	2 36	12 27	0 47	22 40	0 17	8 44	2 40	10 35	0 46	18 39	0 11	9 29	16 55	17 45	17 28	26 37	17 37	4 15			
F 3	22 18	25 6	4 55	24 39	1 18	23 22	2 32	12 42	0 46	22 39	0 17	8 43	2 39	10 35	0 46	18 39	0 11	9 29	16 55	17 44	17 27	26 38	17 38	4 15			
S 4	22 25	21 40	5 13	24 27	1 8	23 9	2 28	12 57	0 46	22 37	0 17	8 43	2 39	10 34	0 46	18 40	0 11	9 29	16 56	17 43	17 26	26 39	17 39	4 15			
S 5	22 32	17 3	5 12	24 14	0 57	22 56	2 24	13 12	0 45	22 36	0 18	8 42	2 39	10 34	0 46	18 40	0 11	9 29	16 56	17 43	17 25	26 40	17 39	4 15			
M 6	22 39	11 43	4 52	24 0	0 46	22 43	2 20	13 27	0 45	22 34	0 18	8 41	2 39	10 34	0 46	18 40	0 11	9 29	16 56	17 43	17 24	26 40	17 40	4 15			
T 7	22 45	5 59	4 18	23 45	0 33	22 29	2 16	13 42	0 44	22 33	0 18	8 41	2 38	10 34	0 46	18 40	0 11	9 29	16 57	17 43	17 23	26 41	17 41	4 15			
W 8	22 51	0 10	3 31	23 30	0 20	22 15	2 11	13 57	0 44	22 31	0 18	8 40	2 38	10 34	0 46	18 40	0 11	9 29	16 57	17 43	17 22	26 42	17 41	4 15			
T 9	22 56	5n32	2 36	23 15	0 6	22 1	2 6	14 11	0 43	22 30	0 18	8 40	2 38	10 34	0 46	18 41	0 11	9 29	16 57	17 43	17 21	26 43	17 42	4 16			
F 10	23 1	10 55	1 34	22 59	0s 8	21 46	2 1	14 25	0 42	22 28	0 18	8 39	2 38	10 35	0 46	18 41	0 11	9 29	16 58	17 44	17 21	26 44	17 42	4 16			
S 11	23 5	15 48	0 29	22 43	0 23	21 32	1 55	14 40	0 42	22 26	0 18	8 39	2 37	10 35	0 46	18 41	0 11	9 29	16 58	17 44	17 20	26 44	17 43	4 16			
S 12	23 9	20 1	0n37	22 27	0 38	21 17	1 50	14 54	0 41	22 25	0 18	8 38	2 37	10 35	0 46	18 41	0 11	9 29	16 58	17 44	17 19	26 45	17 44	4 16			
M13	23 13	23 24	1 40	22 10	0 54	21 2	1 44	15 7	0 41	22 23	0 18	8 38	2 37	10 35	0 46	18 42	0 11	9 29	16 59	17 44	17 18	26 46	17 44	4 16			
T 14	23 16	25 45	2 39	21 54	1 10	20 48	1 37	15 21	0 40	22 21	0 18	8 37	2 37	10 35	0 46	18 42	0 11	9 29	16 59	17 43	17 17	26 47	17 45	4 16			
W15	23 19	26 57	3 30	21 38	1 27	20 33	1 31	15 35	0 39	22 19	0 18	8 37	2 37	10 35	0 46	18 42	0 11	9 29	16 59	17 41	17 16	26 47	17 45	4 16			
T 16	23 22	26 55	4 13	21 22	1 43	20 17	1 24	15 48	0 39	22 18	0 18	8 37	2 36	10 35	0 46	18 43	0 11	9 29	17 0	17 40	17 15	26 48	17 46	4 17			
F 17	23 24	25 39	4 44	21 6	2 0	20 2	1 17	16 1	0 38	22 16	0 18	8 36	2 36	10 35	0 46	18 43	0 11	9 29	17 0	17 38	17 14	26 49	17 46	4 17			
S 18	23 25	23 13	5 4	20 50	2 17	19 47	1 9	16 14	0 38	22 14	0 18	8 36	2 36	10 36	0 46	18 43	0 11	9 30	17 0	17 36	17 14	26 50	17 47	4 17			
S 19	23 27	19 44	5 10	20 35	2 33	19 32	1 1	16 27	0 37	22 12	0 19	8 36	2 36	10 36	0 46	18 43	0 11	9 30	17 1	17 35	17 13	26 50	17 47	4 17			
M20	23 27	15 23	5 2	20 21	2 49	19 17	0 53	16 40	0 36	22 10	0 19	8 36	2 35	10 36	0 46	18 44	0 11	9 30	17 1	17 34	17 12	26 51	17 48	4 17			
T 21	23 28	10 18	4 40	20 7	3 5	19 1	0 45	16 53	0 36	22 8	0 19	8 35	2 35	10 36	0 46	18 44	0 11	9 30	17 1	17 33	17 11	26 52	17 48	4 17			
W22	23 28	4 41	4 4	19 54	3 20	18 46	0 36	17 5	0 35	22 7	0 19	8 35	2 35	10 36	0 47	18 44	0 11	9 30	17 2	17 33	17 10	26 53	17 49	4 18			
T 23	23 27	1s17	3 13	19 41	3 34	18 31	0 27	17 17	0 34	22 5	0 19	8 35	2 35	10 37	0 47	18 45	0 11	9 30	17 2	17 33	17 9	26 53	17 49	4 18			
F 24	23 26	7 23	2 11	19 30	3 47	18 16	0 18	17 29	0 34	22 3	0 19	8 35	2 34	10 37	0 47	18 45	0 11	9 30	17 2	17 33	17 8	26 54	17 50	4 18			
S 25	23 25	13 20	0 59	19 19	3 59	18 1	0 8	17 41	0 33	22 1	0 19	8 35	2 34	10 37	0 47	18 45	0 11	9 30	17 3	17 33	17 7	26 55	17 50	4 18			
S 26	23 23	18 45	0s18	19 10	4 10	17 47	0s 2	17 53	0 32	21 59	0 19	8 35	2 34	10 38	0 47	18 46	0 11	9 31	17 3	17 33	17 6	26 55	17 50	4 18			
M27	23 21	23 10	1 37	19 2	4 20	17 32	0 12	18 4	0 32	21 57	0 19	8 35	2 33	10 38	0 47	18 46	0 11	9 31	17 3	17 33	17 6	26 56	17 51	4 19			
T 28	23 19	26 5	2 50	18 55	4 28	17 18	0 23	18 16	0 31	21 55	0 19	8 35	2 33	10 38	0 47	18 46	0 11	9 31	17 4	17 32	17 5	26 57	17 51	4 19			
W29	23 16	27 5	3 52	18 50	4 35	17 4	0 34	18 27	0 30	21 52	0 19	8 36	2 33	10 39	0 47	18 47	0 11	9 31	17 4	17 31	17 4	26 57	17 52	4 19			
T 30	23n13	26s 2	4s37	18n45	4s40	16n50	0s45	18n38	0s30	21n50	0n19	8s36	2n33	10s39	0s47	18s47	0n11	9s31	17s 4	17n29	17n 3	26n58	17n52	4s19			

ASTRODIENST EPHEMERIS for the year 1836
geocentric

JULY 1836

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	18 36 18	9°56' 629	8°37' 7	3°R 1	10°L55	26°8 1	23°52 5	28°R34	4°R20	5°R18	15°V51	18°R51	17°822	0°521	11°II20	F 1
S 2	18 40 15	10° 3'40	22°49	2°533	11° 2	26°44	23°18	28°D34	4°X19	5°17	15°51	18°844	17°19	0°28	11°25	S 2
S 3	18 44 11	11° 0'50	7°H 5	2° 7	11° 6	27°26	23°32	28°234	4°18	5°15	15°52	18°39	17°16	0°35	11°29	S 3
M 4	18 48 8	11°58'01	20°52	1°46	11° 9	28° 9	23°45	28°34	4°16	5°14	15°52	18°35	17°12	0°41	11°34	M 4
T 5	18 52 5	12°55'13	4°V 9	1°28	11°R 9	28°51	23°58	28°34	4°15	5°12	15°52	18°33	17° 9	0°48	11°38	T 5
W 6	18 56 1	13°52'25	17° 1	1°15	11° 7	29°34	24°11	28°34	4°14	5°11	15°52	18°D32	17° 6	0°55	11°43	W 6
T 7	18 59 58	14°49'37	29°31	1° 6	11° 2	0°II16	24°25	28°35	4°13	5° 9	15°52	18°33	17° 3	1° 1	11°47	T 7
F 8	19 3 54	15°46'49	11°843	1°D 2	10°55	0°58	24°38	28°36	4°11	5° 8	15°53	18°34	17° 0	1° 8	11°51	F 8
S 9	19 7 51	16°44'03	23°44	1° 4	10°46	1°40	24°51	28°36	4°10	5° 6	15°53	18°R34	16°57	1°15	11°56	S 9
S 10	19 11 47	17°41'16	5°II36	1°10	10°34	2°22	25° 4	28°37	4° 9	5° 5	15°53	18°32	16°53	1°21	12° 0	S 10
M 11	19 15 44	18°38'30	17°25	1°22	10°20	3° 4	25°18	28°38	4° 7	5° 3	15°53	18°28	16°50	1°28	12° 4	M 11
T 12	19 19 40	19°35'45	29°13	1°39	10° 3	3°46	25°31	28°39	4° 6	5° 2	15°53	18°22	16°47	1°35	12° 9	T 12
W 13	19 23 37	20°33'00	11°53 3	2° 2	9°45	4°28	25°44	28°40	4° 4	5° 0	15°53	18°13	16°44	1°42	12°13	W 13
T 14	19 27 34	21°30'15	22°58	2°30	9°24	5°10	25°58	28°41	4° 3	4°59	15°53	18° 3	16°41	1°48	12°17	T 14
F 15	19 31 30	22°27'31	4°L58	3° 3	9° 1	5°52	26°11	28°42	4° 1	4°57	15°53	17°51	16°38	1°55	12°21	F 15
S 16	19 35 27	23°24'47	17° 5	3°42	8°35	6°33	26°24	28°43	4° 0	4°55	15°R53	17°39	16°34	2° 2	12°25	S 16
S 17	19 39 23	24°22'03	29°21	4°26	8° 8	7°15	26°38	28°45	3°58	4°54	15°53	17°28	16°31	2° 8	12°29	S 17
M 18	19 43 20	25°19'19	11°II46	5°15	7°39	7°56	26°51	28°46	3°56	4°52	15°53	17°19	16°28	2°15	12°33	M 18
T 19	19 47 16	26°16'36	24°23	6°10	7° 8	8°38	27° 5	28°48	3°55	4°51	15°53	17°13	16°25	2°22	12°37	T 19
W 20	19 51 13	27°13'53	7°214	7°10	6°36	9°19	27°18	28°50	3°53	4°49	15°53	17° 9	16°22	2°28	12°41	W 20
T 21	19 55 9	28°11'11	20°22	8°15	6° 2	10° 0	27°31	28°52	3°51	4°47	15°53	17° 7	16°18	2°35	12°45	T 21
F 22	19 59 6	29° 8'29	3°III49	9°25	5°27	10°41	27°45	28°54	3°49	4°46	15°53	17°D 7	16°15	2°42	12°49	F 22
S 23	20 3 3	0°L 5'47	17°38	10°40	4°51	11°22	27°58	28°56	3°47	4°44	15°53	17°R 8	16°12	2°48	12°53	S 23
S 24	20 6 59	1° 3'05	1°2750	12° 0	4°15	12° 3	28°11	28°58	3°45	4°43	15°53	17° 7	16° 9	2°55	12°57	S 24
M 25	20 10 56	2° 0'24	16°24	13°24	3°38	12°44	28°25	29° 0	3°44	4°41	15°53	17° 4	16° 6	3° 2	13° 0	M 25
T 26	20 14 52	2°57'44	1°317	14°53	3° 0	13°25	28°38	29° 2	3°42	4°39	15°52	16°59	16° 3	3° 8	13° 4	T 26
W 27	20 18 49	3°55'04	16°21	16°27	2°23	14° 6	28°51	29° 5	3°40	4°38	15°52	16°52	15°59	3°15	13° 8	W 27
T 28	20 22 45	4°52'25	1°228	18° 4	1°45	14°47	29° 5	29° 7	3°38	4°36	15°52	16°42	15°56	3°22	13°11	T 28
F 29	20 26 42	5°49'47	16°28	19°45	1° 9	15°27	29°18	29°10	3°36	4°34	15°52	16°31	15°53	3°29	13°15	F 29
S 30	20 30 39	6°47'09	1°X12	21°30	0°32	16° 8	29°31	29°12	3°34	4°33	15°51	16°21	15°50	3°35	13°18	S 30
S 31	20 34 35	7°L44'32	15°X31	23°519	29°557	16°II48	29°544	29°215	3°X32	4°231	15°V51	16°812	15°847	3°542	13°II22	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	23n 9	23s 6	5s 2	18n42	4s43	16n36	0s57	18n49	0s29	21n48	0n19	8s36	2n32	10s40	0s47	18s47
S 2	23 5	18 44	5 6	18 41	4 45	16 23	1 9	18 59	0 28	21 46	0 19	8 36	2 32	10 40	0 47	18 48
S 3	23 0	13 25	4 51	18 41	4 46	16 10	1 21	19 10	0 28	21 44	0 20	8 36	2 32	10 40	0 47	18 48
M 4	22 55	7 36	4 20	18 42	4 45	15 57	1 33	19 20	0 27	21 42	0 20	8 37	2 32	10 41	0 47	18 48
T 5	22 50	1 38	3 35	18 45	4 42	15 45	1 46	19 30	0 26	21 40	0 20	8 37	2 31	10 41	0 47	18 49
W 6	22 44	4n13	2 41	18 49	4 39	15 33	1 59	19 40	0 25	21 37	0 20	8 37	2 31	10 42	0 47	18 49
T 7	22 38	9 45	1 40	18 54	4 33	15 21	2 12	19 49	0 25	21 35	0 20	8 38	2 31	10 42	0 47	18 50
F 8	22 32	14 47	0 37	19 1	4 27	15 10	2 26	19 59	0 24	21 33	0 20	8 38	2 31	10 43	0 47	18 50
S 9	22 25	19 10	0n28	19 8	4 19	14 59	2 40	20 8	0 23	21 30	0 20	8 39	2 30	10 43	0 47	18 50
S 10	22 18	22 44	1 30	19 17	4 11	14 49	2 53	20 17	0 23	21 28	0 20	8 39	2 30	10 44	0 47	18 51
M 11	22 10	25 19	2 28	19 26	4 1	14 40	3 7	20 26	0 22	21 26	0 20	8 40	2 30	10 44	0 47	18 51
T 12	22 2	26 47	3 19	19 37	3 51	14 30	3 21	20 35	0 21	21 23	0 20	8 40	2 29	10 45	0 47	18 51
W 13	21 53	27 1	4 2	19 48	3 39	14 22	3 36	20 43	0 20	21 21	0 20	8 41	2 29	10 46	0 47	18 52
T 14	21 45	26 1	4 34	19 59	3 27	14 14	3 50	20 52	0 20	21 19	0 20	8 42	2 29	10 46	0 47	18 52
F 15	21 35	23 48	4 55	20 11	3 15	14 6	4 4	21 0	0 19	21 16	0 21	8 42	2 29	10 47	0 47	18 53
S 16	21 26	20 32	5 2	20 23	3 2	13 59	4 18	21 8	0 18	21 14	0 21	8 43	2 28	10 47	0 47	18 53
S 17	21 16	16 20	4 56	20 35	2 48	13 52	4 32	21 15	0 17	21 11	0 21	8 44	2 28	10 48	0 47	18 53
M 18	21 6	11 24	4 36	20 47	2 34	13 47	4 45	21 23	0 16	21 9	0 21	8 45	2 28	10 49	0 47	18 54
T 19	20 55	5 56	4 2	20 59	2 20	13 41	4 59	21 30	0 16	21 6	0 21	8 46	2 28	10 49	0 47	18 54
W 20	20 44	0 7	3 15	21 10	2 6	13 37	5 12	21 37	0 15	21 4	0 21	8 46	2 27	10 50	0 47	18 55
T 21	20 33	5s51	2 17	21 21	1 51	13 32	5 24	21 44	0 14	21 1	0 21	8 47	2 27	10 51	0 47	18 55
F 22	20 21	11 42	1 10	21 31	1 37	13 29	5 36	21 51	0 13	20 59	0 21	8 48	2 27	10 51	0 47	18 55
S 23	20 9	17 9	0s 3	21 40	1 22	13 26	5 48	21 58	0 13	20 56	0 21	8 49	2 27	10 52	0 47	18 56
S 24	19 57	21 49	1 17	21 47	1 8	13 24	5 59	22 4	0 12	20 54	0 21	8 50	2 26	10 53	0 48	18 56
M 25	19 44	25 14	2 28	21 54	0 54	13 22	6 10	22 10	0 11	20 51	0 21	8 51	2 26	10 53	0 48	18 57
T 26	19 31	26 58	3 31	21 58	0 40	13 20	6 20	22 16	0 10	20 48	0 22	8 52	2 26	10 54	0 48	18 57
W 27	19 18	26 45	4 20	22 1	0 26	13 20	6 29	22 22	0 9	20 46	0 22	8 53	2 25	10 55	0 48	18 57
T 28	19 4	24 34	4 51	22 2	0 13	13 19	6 37	22 27	0 9	20 43	0 22	8 54	2 25	10 56	0 48	18 58
F 29	18 50	20 41	5 1	22 0	0 0	13 20	6 45	22 32	0 8	20 40	0 22	8 56	2 25	10 56	0 48	18 58
S 30	18 36	15 35	4 51	21 56	0n12	13 20	6 52	22 38	0 7	20 38	0 22	8 57	2 25	10 57	0 48	18 59
S 31	18n21	9s45	4s23	21n50	0n24	13n22	6s58	22n42	0s 6	20n35	0n22	8s58	2n24	10s58	0s48	18s59

Julian Day Number = 2391826.5, Delta T = 8.03 sec
Ecliptic obliquity = 23°27'44, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°27'26, Lahiri = 21°34'26

ASTRODIENST EPHEMERIS for the year 1836

geocentric

AUGUST 1836

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	20 38 32	8♂41'57	29♂22	25♂10	29♂R23	17♂29	29♂58	29♂18	3♂R30	4♂R30	15♂R51	16♂R 5	15♂44	3♂49	13♂25	M 1
T 2	20 42 28	9♂39'22	12♂44	27° 5	28♂50	18° 9	0♂11	29°21	3♂27	4♂28	15♂50	16♂ 0	15°40	3°55	13°29	T 2
W 3	20 46 25	10♂36'49	25♂39	29° 1	28°19	18°49	0°24	29°24	3°25	4°26	15°50	15°58	15°37	4° 2	13°32	W 3
T 4	20 50 21	11♂34'17	8♂10	1♂ 0	27°50	19°29	0°37	29°27	3°23	4°25	15°50	15°58	15°34	4° 9	13°35	T 4
F 5	20 54 18	12♂31'47	20°23	3° 0	27°22	20° 9	0°51	29°30	3°21	4°23	15°49	15°58	15°31	4°15	13°38	F 5
S 6	20 58 14	13°29'18	2♂23	5° 2	26°56	20°49	1° 4	29°33	3°19	4°21	15°49	15°57	15°28	4°22	13°41	S 6
S 7	21 2 11	14°26'50	14°14	7° 4	26°32	21°29	1°17	29°37	3°17	4°20	15°48	15°55	15°24	4°29	13°45	S 7
M 8	21 6 8	15°24'24	26° 3	9° 7	26°11	22° 9	1°30	29°40	3°14	4°18	15°48	15°50	15°21	4°35	13°48	M 8
T 9	21 10 4	16°21'58	7♂52	11°11	25°52	22°49	1°43	29°44	3°12	4°17	15°47	15°43	15°18	4°42	13°51	T 9
W10	21 14 1	17°19'35	19°47	13°14	25°35	23°29	1°56	29°47	3°10	4°15	15°47	15°33	15°15	4°49	13°54	W10
T 11	21 17 57	18°17'12	1♂48	15°17	25°20	24° 8	2° 9	29°51	3° 8	4°14	15°46	15°21	15°12	4°56	13°56	T 11
F 12	21 21 54	19°14'51	13°58	17°20	25° 8	24°48	2°22	29°55	3° 5	4°12	15°46	15° 7	15° 9	5° 2	13°59	F 12
S 13	21 25 50	20°12'31	26°17	19°22	24°58	25°27	2°35	29°58	3° 3	4°10	15°45	14°54	15° 5	5° 9	14° 2	S 13
S 14	21 29 47	21°10'12	8♂47	21°23	24°51	26° 6	2°48	0♂ 2	3° 1	4° 9	15°45	14°41	15° 2	5°16	14° 5	S 14
M15	21 33 43	22° 7'54	21°27	23°24	24°46	26°45	3° 1	0° 6	2°58	4° 7	15°44	14°31	14°59	5°22	14° 7	M15
T 16	21 37 40	23° 5'38	4♂19	25°23	24°43	27°24	3°14	0°11	2°56	4° 6	15°43	14°23	14°56	5°29	14°10	T 16
W17	21 41 37	24° 3'23	17°21	27°21	24°D43	28° 3	3°27	0°15	2°54	4° 4	15°43	14°18	14°53	5°36	14°12	W17
T 18	21 45 33	25° 1'09	0♂37	29°18	24°44	28°42	3°40	0°19	2°51	4° 3	15°42	14°16	14°49	5°42	14°15	T 18
F 19	21 49 30	25°58'56	14° 7	1♂14	24°49	29°21	3°53	0°23	2°49	4° 1	15°41	14°D15	14°46	5°49	14°17	F 19
S 20	21 53 26	26°56'44	27°53	3° 8	24°55	29°59	4° 6	0°28	2°46	4° 0	15°41	14°R15	14°43	5°56	14°20	S 20
S 21	21 57 23	27°54'33	11♂55	5° 1	25° 4	0♂39	4°18	0°32	2°44	3°58	15°40	14°15	14°40	6° 2	14°22	S 21
M22	22 1 19	28°52'24	26°14	6°53	25°14	1°17	4°31	0°37	2°42	3°57	15°39	14°12	14°37	6° 9	14°24	M22
T 23	22 5 16	29°50'16	10♂47	8°43	25°27	1°55	4°44	0°41	2°39	3°55	15°39	14° 8	14°34	6°16	14°26	T 23
W24	22 9 12	0♂48'09	25°30	10°33	25°42	2°34	4°56	0°46	2°37	3°54	15°38	14° 0	14°30	6°23	14°28	W24
T 25	22 13 9	1°46'03	10♂17	12°20	25°59	3°12	5° 9	0°51	2°35	3°53	15°37	13°51	14°27	6°29	14°30	T 25
F 26	22 17 6	2°43'59	24°59	14° 7	26°17	3°50	5°22	0°56	2°32	3°51	15°36	13°40	14°24	6°36	14°32	F 26
S 27	22 21 2	3°41'56	9♂29	15°52	26°38	4°28	5°34	1° 0	2°30	3°50	15°35	13°30	14°21	6°43	14°34	S 27
S 28	22 24 59	4°39'55	23°40	17°36	27° 0	5° 6	5°47	1° 5	2°27	3°49	15°35	13°21	14°18	6°49	14°36	S 28
M29	22 28 55	5°37'55	7♂27	19°18	27°24	5°44	5°59	1°10	2°25	3°47	15°34	13°14	14°15	6°56	14°38	M29
T 30	22 32 52	6°35'58	20°48	21° 0	27°50	6°22	6°11	1°15	2°23	3°46	15°33	13°10	14°11	7° 3	14°39	T 30
W31	22 36 48	7♂34'02	3♂44	22♂40	28♂17	6♂59	6♂24	1♂21	2♂20	3♂45	15°32	13♂ 8	14♂ 8	7♂ 9	14♂41	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
M 1	18n 6	3s37	3s40	21n41	0n35	13n23	7s 4	22n47	0s 5	20n32	0n22	8s59	2n24	10s59	0s48	18s59
T 2	17 51	2n29	2 46	21 30	0 45	13 25	7 8	22 52	0 4	20 30	0 22	9 0	2 24	10 59	0 48	19 0
W 3	17 36	8 17	1 45	21 16	0 55	13 27	7 12	22 56	0 4	20 27	0 22	9 2	2 24	11 0	0 48	19 0
T 4	17 20	13 36	0 41	20 59	1 3	13 30	7 15	23 0	0 3	20 24	0 22	9 3	2 23	11 1	0 48	19 1
F 5	17 4	18 14	0n23	20 40	1 11	13 33	7 17	23 4	0 2	20 21	0 23	9 4	2 23	11 2	0 48	19 1
S 6	16 47	22 3	1 26	20 18	1 18	13 36	7 19	23 8	0 1	20 19	0 23	9 6	2 23	11 3	0 48	19 1
S 7	16 31	24 54	2 24	19 53	1 25	13 40	7 20	23 11	0 0	20 16	0 23	9 7	2 23	11 3	0 48	19 2
M 8	16 14	26 39	3 15	19 26	1 30	13 44	7 20	23 15	0n 1	20 13	0 23	9 9	2 22	11 4	0 48	19 2
T 9	15 57	27 11	3 58	18 57	1 35	13 48	7 19	23 18	0 2	20 10	0 23	9 10	2 22	11 5	0 48	19 3
W10	15 39	26 28	4 30	18 26	1 39	13 52	7 18	23 21	0 3	20 7	0 23	9 12	2 22	11 6	0 48	19 3
T 11	15 22	24 31	4 52	17 53	1 41	13 56	7 17	23 23	0 3	20 4	0 23	9 13	2 22	11 7	0 48	19 3
F 12	15 4	21 26	5 0	17 18	1 44	14 0	7 14	23 26	0 4	20 2	0 23	9 15	2 21	11 8	0 48	19 4
S 13	14 46	17 22	4 54	16 41	1 45	14 5	7 12	23 28	0 5	19 59	0 23	9 16	2 21	11 8	0 48	19 4
S 14	14 27	12 31	4 34	16 3	1 46	14 9	7 8	23 30	0 6	19 56	0 23	9 18	2 21	11 9	0 48	19 4
M15	14 9	7 4	4 1	15 24	1 46	14 14	7 4	23 32	0 7	19 53	0 24	9 19	2 21	11 10	0 48	19 5
T 16	13 50	1 15	3 14	14 43	1 45	14 18	7 0	23 34	0 8	19 50	0 24	9 21	2 21	11 11	0 48	19 5
W17	13 31	4s43	2 17	14 2	1 44	14 23	6 56	23 36	0 9	19 47	0 24	9 23	2 20	11 12	0 48	19 6
T 18	13 12	10 35	1 12	13 19	1 42	14 27	6 51	23 37	0 10	19 44	0 24	9 24	2 20	11 13	0 48	19 6
F 19	12 52	16 5	0 1	12 36	1 40	14 32	6 46	23 38	0 11	19 41	0 24	9 26	2 20	11 14	0 48	19 6
S 20	12 33	20 52	1s12	11 52	1 37	14 36	6 40	23 39	0 11	19 38	0 24	9 28	2 20	11 14	0 48	19 7
S 21	12 13	24 34	2 21	11 8	1 33	14 40	6 34	23 40	0 12	19 36	0 24	9 30	2 19	11 15	0 48	19 7
M22	11 53	26 47	3 23	10 23	1 29	14 44	6 28	23 41	0 13	19 33	0 24	9 31	2 19	11 16	0 48	19 7
T 23	11 32	27 13	4 13	9 37	1 25	14 48	6 22	23 41	0 14	19 30	0 24	9 33	2 19	11 17	0 48	19 8
W24	11 12	25 45	4 46	8 52	1 21	14 52	6 15	23 41	0 15	19 27	0 25	9 35	2 19	11 18	0 48	19 8
T 25	10 51	22 30	5 1	8 6	1 16	14 56	6 9	23 42	0 16	19 24	0 25	9 37	2 19	11 19	0 48	19 8
F 26	10 31	17 51	4 56	7 20	1 10	14 59	6 2	23 41	0 17	19 21	0 25	9 39	2 18	11 20	0 48	19 9
S 27	10 10	12 13	4 32	6 34	1 5	15 2	5 55	23 41	0 18	19 18	0 25	9 41	2 18	11 20	0 48	19 9
S 28	9 49	6 3	3 51	5 48	0 59	15 5	5 48	23 41	0 19	19 15	0 25	9 42	2 18	11 21	0 48	19 9
M29	9 27	0n14	2 58	5 2	0 52	15 8	5 41	23 40	0 20	19 12	0 25	9 44	2 18	11 22	0 48	19 10
T 30	9 6	6 20	1 56	4 17	0 46	15 10	5 33	23 39	0 21	19 9	0 25	9 46	2 18	11 23	0 48	19 10
W31	8n44	12n 0	0s50	3n31	0n39	15n12	5s26	23n39	0n22	19n 6	0n25	9s48	2n17	11s24	0s48	19s10

Julian Day Number = 2391857.5, Delta T = 8.02 sec
 Ecliptic obliquity = 23°27'44", Nutation = - 0°00'11", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°27'30", Lahiri = 21°34'31"

ASTRODIENST EPHEMERIS for the year 1836

geocentric

SEPTEMBER 1836

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 40 45	8 ^h 32'08"	16 ^h 18'	24 ^h 19'	28 ^h 46'	7 ^h 37'	6 ^h 36'	1 ^h 26'	2 ^h R18	3 ^h R43	15 ^h R31	13 ^h D 7	14 ^h 8 5	7 ^h 36'	14 ^h 43'	T 1	
F 2	22 44 41	9 ^h 30'16"	28 ^h 32'	25 ^h 56'	29 ^h 17'	8 ^h 14'	6 ^h 48'	1 ^h 31'	2 ^h 15'	3 ^h 42'	15 ^h Y30	13 ^h 8 8	14 ^h 2 2	7 ^h 23'	14 ^h 44'	F 2	
S 3	22 48 38	10 ^h 28'26"	10 ^h 34'	27 ^h 33'	29 ^h 49'	8 ^h 52'	7 ^h 0 0	1 ^h 36'	2 ^h 13'	3 ^h 41'	15 ^h 29'	13 ^h R 8	13 ^h 59'	7 ^h 29'	14 ^h 46'	S 3	
S 4	22 52 35	11 ^h 26'38"	22 ^h 27'	29 ^h 8 8	0 ^h 22'	9 ^h 29'	7 ^h 12'	1 ^h 42'	2 ^h 11'	3 ^h 40'	15 ^h 28'	13 ^h 7 7	13 ^h 55'	7 ^h 36'	14 ^h 47'	S 4	
M 5	22 56 31	12 ^h 24'53"	4 ^h 51'	0 ^h 42'	0 ^h 57'	10 ^h 6 6	7 ^h 24'	1 ^h 47'	2 ^h 8 8	3 ^h 38'	15 ^h 28'	13 ^h 5 5	13 ^h 52'	7 ^h 43'	14 ^h 48'	M 5	
T 6	23 0 28	13 ^h 23'09"	16 ^h 9 9	2 ^h 15'	1 ^h 33'	10 ^h 43'	7 ^h 36'	1 ^h 53'	2 ^h 6 6	3 ^h 37'	15 ^h 27'	13 ^h 0 0	13 ^h 49'	7 ^h 50'	14 ^h 49'	T 6	
W 7	23 4 24	14 ^h 21'27"	28 ^h 7 7	3 ^h 46'	2 ^h 10'	11 ^h 20'	7 ^h 48'	1 ^h 58'	2 ^h 4 4	3 ^h 36'	15 ^h 26'	12 ^h 53'	13 ^h 46'	7 ^h 56'	14 ^h 50'	W 7	
T 8	23 8 21	15 ^h 19'47"	10 ^h 21'5	5 ^h 17'	2 ^h 48'	11 ^h 57'	8 ^h 0 0	2 ^h 4 4	2 ^h 1 1	3 ^h 35'	15 ^h 25'	12 ^h 44'	13 ^h 43'	8 ^h 3 3	14 ^h 52'	T 8	
F 9	23 12 17	16 ^h 18'10"	22 ^h 34'	6 ^h 46'	3 ^h 28'	12 ^h 34'	8 ^h 12'	2 ^h 10'	1 ^h 59'	3 ^h 34'	15 ^h 24'	12 ^h 34'	13 ^h 40'	8 ^h 10'	14 ^h 53'	F 9	
S 10	23 16 14	17 ^h 16'34"	5 ^h 7 7	8 ^h 14'	4 ^h 8 8	13 ^h 10'	8 ^h 24'	2 ^h 16'	1 ^h 57'	3 ^h 33'	15 ^h 23'	12 ^h 24'	13 ^h 36'	8 ^h 16'	14 ^h 53'	S 10	
S 11	23 20 10	18 ^h 14'59"	17 ^h 53'	9 ^h 41'	4 ^h 50'	13 ^h 47'	8 ^h 35'	2 ^h 21'	1 ^h 55'	3 ^h 32'	15 ^h 22'	12 ^h 14'	13 ^h 33'	8 ^h 23'	14 ^h 54'	S 11	
M12	23 24 7	19 ^h 13'27"	0 ^h 45'3	11 ^h 7 7	5 ^h 33'	14 ^h 23'	8 ^h 47'	2 ^h 27'	1 ^h 52'	3 ^h 31'	15 ^h 21'	12 ^h 6 6	13 ^h 30'	8 ^h 30'	14 ^h 55'	M12	
T 13	23 28 3	20 ^h 11'57"	14 ^h 5 5	12 ^h 32'	6 ^h 17'	14 ^h 59'	8 ^h 58'	2 ^h 33'	1 ^h 50'	3 ^h 30'	15 ^h 20'	12 ^h 1 1	13 ^h 27'	8 ^h 36'	14 ^h 56'	T 13	
W14	23 32 0	21 ^h 10'28"	27 ^h 29'	13 ^h 55'	7 ^h 1 1	15 ^h 35'	9 ^h 10'	2 ^h 39'	1 ^h 48'	3 ^h 29'	15 ^h 19'	11 ^h 57'	13 ^h 24'	8 ^h 43'	14 ^h 56'	W14	
T 15	23 35 57	22 ^h 9'01"	11 ^h 11 3	15 ^h 17'	7 ^h 47'	16 ^h 11'	9 ^h 21'	2 ^h 45'	1 ^h 46'	3 ^h 28'	15 ^h 18'	11 ^h D56	13 ^h 21'	8 ^h 50'	14 ^h 57'	T 15	
F 16	23 39 53	23 ^h 7'36"	24 ^h 47'	16 ^h 37'	8 ^h 33'	16 ^h 47'	9 ^h 32'	2 ^h 51'	1 ^h 43'	3 ^h 27'	15 ^h 17'	11 ^h 57'	13 ^h 17'	8 ^h 57'	14 ^h 57'	F 16	
S 17	23 43 50	24 ^h 6'13"	8 ^h 47'40	17 ^h 57'	9 ^h 21'	17 ^h 23'	9 ^h 44'	2 ^h 57'	1 ^h 41'	3 ^h 26'	15 ^h 15'	11 ^h 58'	13 ^h 14'	9 ^h 3 3	14 ^h 58'	S 17	
S 18	23 47 46	25 ^h 4'51"	22 ^h 43'	19 ^h 15'	10 ^h 9 9	17 ^h 58'	9 ^h 55'	3 ^h 4 4	1 ^h 39'	3 ^h 25'	15 ^h 14'	11 ^h R59	13 ^h 11'	9 ^h 10'	14 ^h 58'	S 18	
M19	23 51 43	26 ^h 3'31"	6 ^h 35'3	20 ^h 31'	10 ^h 58'	18 ^h 34'	10 ^h 6 6	3 ^h 10'	1 ^h 37'	3 ^h 24'	15 ^h 13'	11 ^h 58'	13 ^h 8 8	9 ^h 17'	14 ^h 58'	M19	
T 20	23 55 39	27 ^h 2'13"	21 ^h 10'	21 ^h 46'	11 ^h 48'	19 ^h 9 9	10 ^h 17'	3 ^h 16'	1 ^h 35'	3 ^h 24'	15 ^h 12'	11 ^h 56'	13 ^h 5 5	9 ^h 23'	14 ^h 59'	T 20	
W21	23 59 36	28 ^h 0'56"	5 ^h 30'	23 ^h 0 0	12 ^h 38'	19 ^h 44'	10 ^h 28'	3 ^h 22'	1 ^h 33'	3 ^h 23'	15 ^h 11'	11 ^h 52'	13 ^h 1 1	9 ^h 30'	14 ^h 59'	W21	
T 22	0 3 32	28 ^h 59'41"	19 ^h 51'	24 ^h 11'	13 ^h 30'	20 ^h 19'	10 ^h 39'	3 ^h 29'	1 ^h 31'	3 ^h 22'	15 ^h 10'	11 ^h 46'	12 ^h 58'	9 ^h 37'	14 ^h R59	T 22	
F 23	0 7 29	29 ^h 58'27"	4 ^h 16 6	25 ^h 21'	14 ^h 21'	20 ^h 54'	10 ^h 49'	3 ^h 35'	1 ^h 29'	3 ^h 21'	15 ^h 9 9	11 ^h 40'	12 ^h 55'	9 ^h 43'	14 ^h 59'	F 23	
S 24	0 11 26	0 ^h 57'16"	18 ^h 12'	26 ^h 29'	15 ^h 14'	21 ^h 29'	11 ^h 0 0	3 ^h 41'	1 ^h 27'	3 ^h 21'	15 ^h 8 8	11 ^h 33'	12 ^h 52'	9 ^h 50'	14 ^h 59'	S 24	
S 25	0 15 22	1 ^h 56'06"	2 ^h 12'	27 ^h 35'	16 ^h 7 7	22 ^h 4 4	11 ^h 11'	3 ^h 48'	1 ^h 25'	3 ^h 20'	15 ^h 7 7	11 ^h 27'	12 ^h 49'	9 ^h 57'	14 ^h 58'	S 25	
M26	0 19 19	2 ^h 54'59"	15 ^h 34'	28 ^h 39'	17 ^h 1 1	22 ^h 38'	11 ^h 21'	3 ^h 54'	1 ^h 23'	3 ^h 19'	15 ^h 6 6	11 ^h 23'	12 ^h 46'	10 ^h 4 4	14 ^h 58'	M26	
T 27	0 23 15	3 ^h 53'53"	28 ^h 46'	29 ^h 40'	17 ^h 56'	23 ^h 13'	11 ^h 31'	4 ^h 1 1	1 ^h 21'	3 ^h 19'	15 ^h 4 4	11 ^h 20'	12 ^h 42'	10 ^h 10'	14 ^h 58'	T 27	
W28	0 27 12	4 ^h 52'50"	11 ^h 37'	0 ^h 39'	18 ^h 51'	23 ^h 47'	11 ^h 42'	4 ^h 8 8	1 ^h 19'	3 ^h 18'	15 ^h 3 3	11 ^h D20	12 ^h 39'	10 ^h 17'	14 ^h 57'	W28	
T 29	0 31 8	5 ^h 51'49"	24 ^h 8 8	1 ^h 35'	19 ^h 47'	24 ^h 21'	11 ^h 52'	4 ^h 14'	1 ^h 17'	3 ^h 18'	15 ^h 2 2	11 ^h 20'	12 ^h 36'	10 ^h 24'	14 ^h 57'	T 29	
F 30	0 35 5	6 ^h 50'50"	6 ^h 24'	2 ^h 28'	20 ^h 43'	24 ^h 55'	12 ^h 2 2	4 ^h 21'	1 ^h 15'	3 ^h 17'	15 ^h 1 1	11 ^h R22	12 ^h R33	10 ^h 30'	14 ^h 56'	F 30	

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
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ASTRODIENST EPHEMERIS for the year 1836

geocentric

OCTOBER 1836

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	0 39 1	7 ⁴⁹ 49'53	18 ^{II} 26	3 ^{III} 18	21 ^{II} 40	25 ^{III} 29	12 ^{II} 12	4 ^{III} 28	1°R14	3°R17	15°R 0	11 ^{II} 24	12 ^{III} 30	10 ^{III} 37	14°R56	S 1
S 2	0 42 58	8°48'59	0 ^{III} 21	4° 5	22°37	26° 3	12°22	4°34	1 ^{II} 12	3 ^{III} 16	14°V59	11°25	12°26	10°44	14 ^{II} 55	S 2
M 3	0 46 55	9°48'07	12°12	4°48	23°35	26°36	12°32	4°41	1°10	3°16	14°58	11°R25	12°23	10°50	14°54	M 3
T 4	0 50 51	10°47'18	24° 5	5°26	24°33	27°10	12°41	4°48	1° 8	3°15	14°56	11°24	12°20	10°57	14°53	T 4
W 5	0 54 48	11°46'31	6 ^{II} 0 5	6° 1	25°32	27°43	12°51	4°55	1° 7	3°15	14°55	11°22	12°17	11° 4	14°53	W 5
T 6	0 58 44	12°45'45	18°16	6°30	26°31	28°16	13° 0	5° 2	1° 5	3°15	14°54	11°18	12°14	11°11	14°52	T 6
F 7	1 2 41	13°45'03	0 ^{III} 41	6°53	27°31	28°49	13°10	5° 8	1° 4	3°14	14°53	11°14	12°11	11°17	14°51	F 7
S 8	1 6 37	14°44'22	13°22	7°11	28°31	29°21	13°19	5°15	1° 2	3°14	14°52	11°10	12° 7	11°24	14°49	S 8
S 9	1 10 34	15°43'44	26°22	7°23	29°32	29°54	13°28	5°22	1° 1	3°14	14°51	11° 6	12° 4	11°31	14°48	S 9
M10	1 14 30	16°43'07	9 ^{II} 40	7°R28	0 ^{III} 33	0 ^{II} 26	13°37	5°29	0°59	3°14	14°49	11° 2	12° 1	11°37	14°47	M10
T 11	1 18 27	17°42'33	23°15	7°25	1°34	0°59	13°46	5°36	0°58	3°13	14°48	11° 0	11°58	11°44	14°46	T 11
W12	1 22 24	18°42'01	7 ^{III} 5	7°15	2°36	1°31	13°55	5°43	0°56	3°13	14°47	10°D59	11°55	11°51	14°44	W12
T 13	1 26 20	19°41'31	21° 5	6°57	3°38	2° 2	14° 4	5°50	0°55	3°13	14°46	10°59	11°52	11°57	14°43	T 13
F 14	1 30 17	20°41'03	5 ^{II} 14	6°30	4°40	2°34	14°12	5°57	0°54	3°13	14°45	11° 0	11°48	12° 4	14°41	F 14
S 15	1 34 13	21°40'36	19°27	5°54	5°43	3° 5	14°21	6° 4	0°52	3°D13	14°44	11° 2	11°45	12°11	14°39	S 15
S 16	1 38 10	22°40'12	3 ^{III} 42	5°10	6°46	3°37	14°29	6°11	0°51	3°13	14°43	11° 3	11°42	12°18	14°38	S 16
M17	1 42 6	23°39'49	17°56	4°18	7°50	4° 8	14°37	6°18	0°50	3°13	14°41	11°R 4	11°39	12°24	14°36	M17
T 18	1 46 3	24°39'28	2 ^{III} 6	3°18	8°53	4°39	14°45	6°26	0°49	3°13	14°40	11° 4	11°36	12°31	14°34	T 18
W19	1 49 59	25°39'08	16°11	2°12	9°57	5° 9	14°53	6°33	0°48	3°13	14°39	11° 3	11°32	12°38	14°32	W19
T 20	1 53 56	26°38'50	0 ^{II} 9	1° 1	11° 2	5°40	15° 1	6°40	0°47	3°14	14°38	11° 1	11°29	12°44	14°30	T 20
F 21	1 57 53	27°38'34	13°57	29 ^{II} 47	12° 7	6°10	15° 9	6°47	0°46	3°14	14°37	11° 0	11°26	12°51	14°28	F 21
S 22	2 1 49	28°38'20	27°34	28°31	13°11	6°40	15°16	6°54	0°45	3°14	14°36	10°58	11°23	12°58	14°26	S 22
S 23	2 5 46	29°38'07	10 ^{II} 58	27°16	14°17	7°10	15°24	7° 1	0°44	3°14	14°35	10°56	11°20	13° 4	14°24	S 23
M24	2 9 42	0 ^{III} 37'56	24° 7	26° 5	15°22	7°40	15°31	7° 9	0°43	3°14	14°33	10°55	11°17	13°11	14°22	M24
T 25	2 13 39	1°37'48	7 ^{II} 1	24°59	16°28	8° 9	15°38	7°16	0°42	3°15	14°32	10°D55	11°13	13°18	14°20	T 25
W26	2 17 35	2°37'41	19°40	24° 0	17°34	8°38	15°45	7°23	0°42	3°15	14°31	10°55	11°10	13°25	14°17	W26
T 27	2 21 32	3°37'36	2 ^{II} 5	23°11	18°40	9° 7	15°52	7°30	0°41	3°16	14°30	10°56	11° 7	13°31	14°15	T 27
F 28	2 25 28	4°37'34	14°17	22°32	19°47	9°36	15°59	7°37	0°40	3°16	14°29	10°56	11° 4	13°38	14°13	F 28
S 29	2 29 25	5°37'33	26°18	22° 4	20°54	10° 4	16° 5	7°45	0°40	3°16	14°28	10°57	11° 1	13°45	14°10	S 29
S 30	2 33 22	6°37'35	8 ^{III} 13	21°48	22° 1	10°33	16°11	7°52	0°39	3°17	14°27	10°57	10°58	13°51	14° 7	S 30
M31	2 37 18	7 ^{III} 37'38	20 ^{III} 4	21°D43	23 ^{III} 8	11°II 1	16°II18	7 ^{III} 59	0°39	3 ^{III} 17	14°V26	10 ^{III} 58	10 ^{III} 54	13°II58	14 ^{II} 5	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	3s 7	26n 6	3n 9	15s33	3s 7	12n47	1s36	21n58	0n55	17n38	0n30	10s56	2n13	11s47	0s48	19s17
S 2	3 30	27 24	3 56	15 53	3 11	12 35	1 29	21 53	0 56	17 35	0 30	10 58	2 13	11 48	0 47	19 17
M 3	3 53	27 26	4 33	16 12	3 15	12 22	1 23	21 48	0 57	17 33	0 30	11 1	2 13	11 49	0 47	19 18
T 4	4 16	26 13	4 59	16 28	3 19	12 9	1 16	21 42	0 59	17 30	0 30	11 3	2 12	11 49	0 47	19 18
W 5	4 40	23 48	5 12	16 42	3 22	11 56	1 10	21 37	1 0	17 27	0 30	11 6	2 12	11 50	0 47	19 18
T 6	5 3	20 17	5 11	16 54	3 24	11 42	1 3	21 31	1 1	17 25	0 31	11 8	2 12	11 50	0 47	19 18
F 7	5 26	15 50	4 55	17 3	3 25	11 27	0 57	21 26	1 2	17 22	0 31	11 10	2 12	11 51	0 47	19 18
S 8	5 49	10 37	4 25	17 10	3 25	11 12	0 51	21 20	1 3	17 20	0 31	11 13	2 12	11 51	0 47	19 18
S 9	6 12	4 49	3 41	17 13	3 25	10 57	0 45	21 15	1 5	17 17	0 31	11 15	2 12	11 52	0 47	19 18
M10	6 35	1s20	2 44	17 13	3 23	10 41	0 39	21 9	1 6	17 15	0 31	11 17	2 12	11 52	0 47	19 18
T 11	6 57	7 33	1 36	17 9	3 20	10 25	0 33	21 3	1 7	17 13	0 31	11 20	2 12	11 53	0 47	19 18
W12	7 20	13 33	0 22	17 1	3 16	10 8	0 27	20 57	1 8	17 10	0 32	11 22	2 12	11 53	0 47	19 18
T 13	7 43	18 56	0s55	16 50	3 10	9 51	0 22	20 51	1 10	17 8	0 32	11 25	2 12	11 54	0 47	19 18
F 14	8 5	23 19	2 10	16 34	3 2	9 34	0 16	20 45	1 11	17 6	0 32	11 27	2 12	11 54	0 47	19 18
S 15	8 27	26 18	3 16	16 13	2 53	9 16	0 11	20 39	1 12	17 3	0 32	11 29	2 11	11 55	0 47	19 18
S 16	8 50	27 36	4 11	15 48	2 42	8 57	0 5	20 33	1 14	17 1	0 32	11 32	2 11	11 55	0 47	19 18
M17	9 12	27 3	4 50	15 18	2 29	8 39	0n 0	20 27	1 15	16 59	0 33	11 34	2 11	11 55	0 47	19 18
T 18	9 34	24 46	5 12	14 44	2 15	8 20	0 5	20 21	1 16	16 57	0 33	11 36	2 11	11 56	0 47	19 18
W19	9 56	21 0	5 14	14 6	1 58	8 0	0 10	20 15	1 17	16 55	0 33	11 39	2 11	11 56	0 47	19 18
T 20	10 17	16 5	4 58	13 25	1 41	7 40	0 15	20 9	1 19	16 52	0 33	11 41	2 11	11 56	0 47	19 18
F 21	10 39	10 24	4 25	12 40	1 21	7 20	0 20	20 3	1 20	16 50	0 33	11 44	2 11	11 57	0 47	19 18
S 22	11 0	4 18	3 37	11 55	1 1	7 0	0 25	19 56	1 22	16 48	0 33	11 46	2 11	11 57	0 47	19 18
S 23	11 21	1n55	2 38	11 9	0 41	6 39	0 30	19 50	1 23	16 46	0 34	11 48	2 11	11 57	0 47	19 18
M24	11 42	7 57	1 32	10 24	0 20	6 18	0 34	19 44	1 24	16 44	0 34	11 51	2 11	11 58	0 47	19 18
T 25	12 3	13 32	0 22	9 40	0n 0	5 57	0 39	19 38	1 26	16 42	0 34	11 53	2 11	11 58	0 47	19 18
W26	12 24	18 27	0n48	9 1	0 20	5 35	0 43	19 31	1 27	16 40	0 34	11 55	2 11	11 58	0 47	19 18
T 27	12 44	22 28	1 55	8 25	0 39	5 13	0 47	19 25	1 29	16 39	0 34	11 58	2 11	11 58	0 47	19 18
F 28	13 5	25 25	2 55	7 55	0 56	4 50	0 52	19 19	1 30	16 37	0 35	12 0	2 11	11 58	0 47	19 18
S 29	13 25	27 10	3 46	7 30	1 11	4 28	0 56	19 12	1 31	16 35	0 35	12 3	2 11	11 59	0 47	19 18
S 30	13 44	27 39	4 27	7 11	1 25	4 5	1 0	19 6	1 33	16 33	0 35	12 5	2 11	11 59	0 47	19 18
M31	14s 4	26n51	4n56	6s58	1n38	3n42	1n 3	19n 0	1n34	16n32	0n35	12s 7	2n11	11s59	0s47	19s18

Julian Day Number = 2391918.5, Delta T = 7.98 sec
 Ecliptic obliquity = 23°27'45, Nutation = - 0°00'12, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°27'39, Lahiri = 21°34'39

ASTRODIENST EPHEMERIS for the year 1836
geocentric

NOVEMBER 1836

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 41 15	8♍37'44	1♌57	21♊50	24♏15	11♌28	16♌24	8♍ 6	0°R38	3≈18	14°R25	10♊58	10♊51	14♌5	14°R 2	T 1
W 2	2 45 11	9°37'52	13°55	22° 7	25°23	11°56	16°30	8°13	0°H38	3°19	14°Y24	10°R58	10°48	14°12	14°II 0	W 2
T 3	2 49 8	10°38'02	26° 5	22°34	26°31	12°23	16°35	8°21	0°37	3°19	14°23	10°D58	10°45	14°18	13°57	T 3
F 4	2 53 4	11°38'14	8♏29	23°10	27°39	12°50	16°41	8°28	0°37	3°20	14°22	10°58	10°42	14°25	13°54	F 4
S 5	2 57 1	12°38'28	21°12	23°55	28°48	13°17	16°46	8°35	0°37	3°20	14°21	10°58	10°38	14°32	13°51	S 5
S 6	3 0 57	13°38'43	4♌17	24°47	29°56	13°43	16°52	8°42	0°36	3°21	14°20	10°58	10°35	14°38	13°48	S 6
M 7	3 4 54	14°39'01	17°45	25°45	1♌ 5	14° 9	16°57	8°50	0°36	3°22	14°19	10°59	10°32	14°45	13°45	M 7
T 8	3 8 51	15°39'21	1♍36	26°49	2°14	14°35	17° 2	8°57	0°36	3°23	14°18	10°59	10°29	14°52	13°42	T 8
W 9	3 12 47	16°39'43	15°47	27°58	3°23	15° 1	17° 7	9° 4	0°36	3°23	14°17	10°R59	10°26	14°59	13°39	W 9
T 10	3 16 44	17°40'06	0♌15	29°11	4°32	15°26	17°11	9°11	0°D36	3°24	14°16	10°59	10°23	15° 5	13°36	T 10
F 11	3 20 40	18°40'31	14°52	0♍28	5°41	15°51	17°16	9°18	0°36	3°25	14°15	10°58	10°19	15°12	13°33	F 11
S 12	3 24 37	19°40'58	29°34	1°48	6°51	16°15	17°20	9°25	0°36	3°26	14°14	10°57	10°16	15°19	13°30	S 12
S 13	3 28 33	20°41'26	14♌13	3°10	8° 1	16°40	17°24	9°33	0°36	3°27	14°13	10°56	10°13	15°25	13°27	S 13
M14	3 32 30	21°41'55	28°43	4°35	9°10	17° 4	17°28	9°40	0°37	3°28	14°12	10°55	10°10	15°32	13°23	M14
T 15	3 36 26	22°42'26	13≈ 0	6° 1	10°20	17°27	17°32	9°47	0°37	3°29	14°11	10°54	10° 7	15°39	13°20	T 15
W16	3 40 23	23°42'58	27° 2	7°29	11°31	17°50	17°35	9°54	0°37	3°30	14°11	10°D54	10° 4	15°46	13°17	W16
T 17	3 44 20	24°43'31	10♌47	8°59	12°41	18°13	17°39	10° 1	0°37	3°31	14°10	10°54	10° 0	15°52	13°13	T 17
F 18	3 48 16	25°44'05	24°16	10°29	13°51	18°36	17°42	10° 8	0°38	3°32	14° 9	10°55	9°57	15°59	13°10	F 18
S 19	3 52 13	26°44'40	7°Y29	12° 0	15° 2	18°58	17°45	10°15	0°38	3°33	14° 8	10°57	9°54	16° 6	13° 7	S 19
S 20	3 56 9	27°45'17	20°29	13°32	16°13	19°20	17°48	10°22	0°39	3°35	14° 7	10°58	9°51	16°12	13° 3	S 20
M21	4 0 6	28°45'55	3♌15	15° 4	17°23	19°41	17°50	10°29	0°39	3°36	14° 6	10°59	9°48	16°19	13° 0	M21
T 22	4 4 2	29°46'34	15°49	16°37	18°34	20° 2	17°53	10°36	0°40	3°37	14° 6	10°R59	9°44	16°26	12°56	T 22
W23	4 7 59	0♌47'15	28°12	18°10	19°45	20°23	17°55	10°43	0°41	3°38	14° 5	10°58	9°41	16°32	12°53	W23
T 24	4 11 55	1°47'57	10♌25	19°43	20°57	20°43	17°57	10°50	0°41	3°39	14° 4	10°56	9°38	16°39	12°49	T 24
F 25	4 15 52	2°48'40	22°30	21°17	22° 8	21° 3	17°59	10°57	0°42	3°41	14° 4	10°53	9°35	16°46	12°46	F 25
S 26	4 19 49	3°49'25	4♌28	22°50	23°19	21°22	18° 1	11° 4	0°43	3°42	14° 3	10°49	9°32	16°53	12°42	S 26
S 27	4 23 45	4°50'11	16°22	24°24	24°31	21°41	18° 2	11°10	0°44	3°43	14° 2	10°45	9°29	16°59	12°39	S 27
M28	4 27 42	5°50'58	28°13	25°58	25°42	22° 0	18° 3	11°17	0°45	3°45	14° 2	10°41	9°25	17° 6	12°35	M28
T 29	4 31 38	6°51'47	10♌ 5	27°32	26°54	22°18	18° 5	11°24	0°46	3°46	14° 1	10°37	9°22	17°13	12°31	T 29
W30	4 35 35	7♌52'38	22♌ 1	29♍ 5	28♌ 6	22♌36	18♌ 6	11♍31	0°H47	3≈48	14°Y 0	10♊35	9♊19	17♌19	12°II28	W30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s24	24n50	5n13	6s51	1n48	3n19	1n 7	18n53	1n36	16n30	0n35	12s10	2n11	11s59	0s47	19s18	0n 9	10s24	17s27	15n 8	15n 6	27n17	17n25	5s 7	
W 2	14 43	21 43	5 17	6 49	1 56	2 55	1 11	18 47	1 37	16 28	0 36	12 12	2 11	11 59	0 47	19 17	0 9	10 24	17 27	15 8	15 5	27 17	17 25	5 7	
T 3	15 2	17 38	5 6	6 53	2 3	2 31	1 14	18 41	1 39	16 27	0 36	12 14	2 11	11 59	0 46	19 17	0 9	10 25	17 27	15 8	15 4	27 17	17 24	5 8	
F 4	15 20	12 45	4 41	7 1	2 9	2 7	1 18	18 35	1 40	16 25	0 36	12 16	2 11	11 59	0 46	19 17	0 9	10 25	17 27	15 8	15 3	27 16	17 23	5 8	
S 5	15 39	7 12	4 2	7 14	2 12	1 43	1 21	18 29	1 42	16 24	0 36	12 19	2 11	11 59	0 46	19 17	0 9	10 25	17 26	15 8	15 2	27 16	17 23	5 8	
S 6	15 57	1 12	3 10	7 31	2 15	1 19	1 24	18 23	1 44	16 23	0 36	12 21	2 11	11 59	0 46	19 17	0 9	10 25	17 26	15 8	15 1	27 15	17 22	5 9	
M 7	16 15	5s 2	2 5	7 51	2 16	0 54	1 27	18 16	1 45	16 21	0 37	12 23	2 11	11 59	0 46	19 17	0 9	10 25	17 26	15 8	15 0	27 15	17 22	5 9	
T 8	16 33	11 14	0 52	8 14	2 16	0 29	1 30	18 10	1 47	16 20	0 37	12 26	2 11	11 59	0 46	19 17	0 9	10 26	17 26	15 8	14 59	27 15	17 21	5 9	
W 9	16 50	17 0	0s27	8 39	2 15	0 4	1 33	18 4	1 48	16 19	0 37	12 28	2 11	11 59	0 46	19 16	0 9	10 26	17 26	15 8	14 58	27 14	17 20	5 10	
T 10	17 7	21 56	1 45	9 7	2 14	0s21	1 35	17 58	1 50	16 17	0 37	12 30	2 11	11 59	0 46	19 16	0 9	10 26	17 25	15 8	14 57	27 14	17 20	5 10	
F 11	17 24	25 32	2 57	9 36	2 11	0 46	1 38	17 53	1 52	16 16	0 37	12 32	2 11	11 59	0 46	19 16	0 9	10 26	17 25	15 8	14 56	27 14	17 19	5 10	
S 12	17 40	27 26	3 58	10 7	2 8	1 11	1 40	17 47	1 53	16 15	0 38	12 35	2 11	11 59	0 46	19 16	0 9	10 26	17 25	15 8	14 55	27 13	17 18	5 10	
S 13	17 57	27 23	4 43	10 38	2 4	1 36	1 43	17 41	1 55	16 14	0 38	12 37	2 11	11 59	0 46	19 16	0 9	10 26	17 25	15 7	14 54	27 13	17 18	5 11	
M14	18 12	25 29	5 9	11 11	2 0	2 2	1 45	17 35	1 57	16 13	0 38	12 39	2 11	11 59	0 46	19 15	0 9	10 27	17 25	15 7	14 53	27 12	17 17	5 11	
T 15	18 28	21 59	5 16	11 44	1 55	2 27	1 47	17 30	1 58	16 12	0 38	12 41	2 11	11 59	0 46	19 15	0 9	10 27	17 24	15 7	14 52	27 12	17 16	5 11	
W16	18 43	17 16	5 4	12 18	1 49	2 53	1 49	17 24	2 0	16 11	0 39	12 44	2 11	11 59	0 46	19 15	0 9	10 27	17 24	15 7	14 51	27 11	17 16	5 12	
T 17	18 58	11 46	4 35	12 52	1 44	3 19	1 51	17 19	2 2	16 11	0 39	12 46	2 11	11 59	0 46	19 15	0 9	10 27	17 24	15 7	14 50	27 11	17 15	5 12	
F 18	19 13	5 48	3 50	13 26	1 38	3 44	1 53	17 13	2 3	16 10	0 39	12 48	2 11	11 59	0 46	19 14	0 9	10 27	17 24	15 7	14 49	27 10	17 14	5 12	
S 19	19 27	0n18	2 55	14 0	1 32	4 10	1 55	17 8	2 5	16 9	0 39	12 50	2 11	11 58	0 46	19 14	0 9	10 27	17 23	15 8	14 48	27 10	17 14	5 12	
S 20	19 41	6 18	1 51	14 33	1 26	4 36	1 56	17 3	2 7	16 8	0 39	12 52	2 11	11 58	0 46	19 14	0 9	10 27	17 23	15 8	14 47	27 9	17 13	5 12	
M21	19 54	11 56	0 43	15 7	1 19	5 1	1 58	16 58	2 9	16 8	0 40	12 54	2 11	11 58	0 46	19 14	0 9	10 27	17 23	15 8	14 46	27 9	17 13	5 13	
T 22	20 7	17 1	0n27	15 40	1 12	5 27	1 59	16 53	2 11	16 7	0 40	12 56	2 11	11 58	0 46	19 13	0 9	10 27	17 23	15 8	14 45	27 8	17 12	5 13	
W23	20 20	21 18	1 33	16 12	1 6	5 53	2 0	16 48	2 12	16 7	0 40	12 59	2 11	11 57	0 46	19 13	0 9	10 27	17 22	15 8	14 44	27 8	17 11	5 13	
T 24	20 32	24 35	2 35	16 44	0 59	6 18	2 1	16 43	2 14	16 6	0 40	13 1	2 11	11 57	0 46	19 13	0 9	10 27	17 22	15 7	14 43	27 7	17 11	5 13	
F 25	20 44	26 44	3 29	17 16	0 52	6 44	2 2	16 39	2 16	16 6	0 41	13 3	2 11	11 57	0 46	19 13	0 9	10 27	17 22	15 6	14 42	27 7	17 10	5 13	
S 26	20 56	27 36	4 13	17 47	0 45	7 10	2 3	16 34	2 18	16 6	0 41	13 5	2 11	11 56	0 46	19 12	0 9	10 27	17 21	15 5	14 41	27 6	17 9	5 14	
S 27	21 7	27 11	4 46	18 17	0 38	7 35	2 4	16 30	2 20	16 5	0 41	13 7	2 11	11 56	0 46	19 12	0 9	10 27	17 21	15 4	14 40	27 6	17 9	5 14	
M28	21 18	25 32	5 6	18 46	0 31	8 0	2 5	16 26	2 22	16 5	0 41	13 9	2 11	11 56	0 46	19 12	0 9	10 27	17 21	15 3	14 39	27 5	17 8	5 14	
T 29	21 29	22 46	5 13	19 15	0 24	8 26	2 5	16 21	2 24	16 5	0 42	13 11	2 12	11 55	0 45	19 11	0 9	10 27	17 21	15 3	14 38	27 5	17 8	5 14	
W30	21s39	19n 1	5n 7	19s42	0n17	8s51	2n 6	16n18	2n26	16n 5	0n42	13s13	2n12	11s55	0s45	19s11	0n 9	10s27	17s20	15n 1	14n37	27n 4	17n 7	5s14	

ASTRODIENST EPHEMERIS for the year 1836

geocentric

DECEMBER 1836

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 39 31	8°53'29	4♈ 7	0♈39	29♈18	22♈53	18♈ 6	11♈38	0♈48	3♈49	14°R 0	10°D34	9♈16	17°26	12°R24	T 1
F 2	4 43 28	9°54'22	16°26	2°13	0♈30	23°10	18° 7	11°44	0°49	3°51	13°Y59	10°B34	9°13	17°33	12°II21	F 2
S 3	4 47 24	10°55'16	29° 4	3°47	1°42	23°26	18° 7	11°51	0°50	3°52	13°58	10°35	9°10	17°40	12°17	S 3
S 4	4 51 21	11°56'12	12♈ 4	5°21	2°55	23°42	18°R 7	11°57	0°51	3°54	13°58	10°36	9° 6	17°46	12°13	S 4
M 5	4 55 18	12°57'09	25°30	6°55	4° 7	23°57	18° 7	12° 4	0°52	3°55	13°57	10°38	9° 3	17°53	12°10	M 5
T 6	4 59 14	13°58'07	9♈24	8°29	5°19	24°11	18° 7	12°10	0°54	3°57	13°57	10°R39	9° 0	18° 0	12° 6	T 6
W 7	5 3 11	14°59'07	23°44	10° 3	6°32	24°26	18° 7	12°17	0°55	3°59	13°56	10°38	8°57	18° 6	12° 2	W 7
T 8	5 7 7	16° 0'07	8♈27	11°37	7°44	24°39	18° 6	12°23	0°56	4° 0	13°56	10°36	8°54	18°13	11°59	T 8
F 9	5 11 4	17° 1'09	23°27	13°11	8°57	24°52	18° 5	12°30	0°58	4° 2	13°56	10°32	8°50	18°20	11°55	F 9
S 10	5 15 0	18° 2'11	8♈35	14°45	10°10	25° 5	18° 4	12°36	0°59	4° 4	13°55	10°26	8°47	18°27	11°52	S 10
S 11	5 18 57	19° 3'14	23°40	16°19	11°23	25°16	18° 3	12°42	1° 1	4° 5	13°55	10°20	8°44	18°33	11°48	S 11
M12	5 22 54	20° 4'17	8♈34	17°53	12°35	25°28	18° 1	12°49	1° 2	4° 7	13°54	10°14	8°41	18°40	11°44	M12
T 13	5 26 50	21° 5'21	23° 8	19°28	13°48	25°38	18° 0	12°55	1° 4	4° 9	13°54	10°10	8°38	18°47	11°41	T 13
W14	5 30 47	22° 6'26	7♈20	21° 2	15° 1	25°48	17°58	13° 1	1° 6	4°11	13°54	10° 7	8°35	18°53	11°37	W14
T 15	5 34 43	23° 7'30	21° 6	22°37	16°14	25°58	17°56	13° 7	1° 7	4°12	13°53	10°D 6	8°31	19° 0	11°34	T 15
F 16	5 38 40	24° 8'35	4♈29	24°11	17°27	26° 7	17°54	13°13	1° 9	4°14	13°53	10° 6	8°28	19° 7	11°30	F 16
S 17	5 42 36	25° 9'40	17°31	25°46	18°41	26°15	17°51	13°19	1°11	4°16	13°53	10° 7	8°25	19°14	11°27	S 17
S 18	5 46 33	26°10'46	0♈14	27°21	19°54	26°22	17°49	13°25	1°13	4°18	13°53	10° 9	8°22	19°20	11°23	S 18
M19	5 50 29	27°11'52	12°43	28°56	21° 7	26°29	17°46	13°31	1°15	4°20	13°52	10°R 9	8°19	19°27	11°20	M19
T 20	5 54 26	28°12'58	25° 1	0♈32	22°20	26°35	17°43	13°37	1°17	4°22	13°52	10° 8	8°16	19°34	11°16	T 20
W21	5 58 23	29°14'04	7♈ 9	2° 7	23°34	26°41	17°40	13°43	1°19	4°24	13°52	10° 4	8°12	19°41	11°13	W21
T 22	6 2 19	0♈15'11	19°12	3°43	24°47	26°45	17°36	13°48	1°21	4°26	13°52	9°58	8° 9	19°47	11° 9	T 22
F 23	6 6 16	1°16'18	1♈ 9	5°19	26° 1	26°50	17°33	13°54	1°23	4°28	13°52	9°50	8° 6	19°54	11° 6	F 23
S 24	6 10 12	2°17'26	13° 3	6°55	27°14	26°53	17°29	14° 0	1°25	4°30	13°52	9°40	8° 3	20° 1	11° 3	S 24
S 25	6 14 9	3°18'34	24°56	8°32	28°28	26°55	17°25	14° 5	1°27	4°32	13°51	9°29	8° 0	20° 7	10°59	S 25
M26	6 18 5	4°19'42	6♈48	10° 9	29°41	26°57	17°21	14°11	1°29	4°34	13°51	9°18	7°56	20°14	10°56	M26
T 27	6 22 2	5°20'50	18°41	11°46	0♈55	26°58	17°17	14°16	1°32	4°36	13°51	9° 8	7°53	20°21	10°53	T 27
W28	6 25 58	6°21'59	0♈39	13°23	2° 9	26°R59	17°12	14°22	1°34	4°38	13°D51	9° 0	7°50	20°28	10°50	W28
T 29	6 29 55	7°23'08	12°44	15° 0	3°23	26°58	17° 8	14°27	1°36	4°40	13°51	8°54	7°47	20°34	10°47	T 29
F 30	6 33 52	8°24'18	25° 0	16°38	4°36	26°57	17° 3	14°32	1°38	4°42	13°51	8°51	7°44	20°41	10°44	F 30
S 31	6 37 48	9°25'27	7♈32	18°16	5♈50	26°55	16°58	14°37	1°41	4°44	13°Y51	8°D49	7♈41	20°48	10°II40	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
T 1	21s48	14n28	4n47	20s 9	0n10	9s16	2n 6	16n14	2n28	16n 5	0n42	13s15	2n12	11s55	0s45	19s11
F 2	21 57	9 15	4 14	20 35	0 3	9 41	2 7	16 10	2 30	16 5	0 42	13 17	2 12	11 54	0 45	19 10
S 3	22 6	3 33	3 28	21 0	0s 4	10 6	2 7	16 7	2 32	16 5	0 42	13 19	2 12	11 54	0 45	19 10
S 4	22 15	2s29	2 30	21 24	0 11	10 30	2 7	16 3	2 34	16 5	0 43	13 21	2 12	11 53	0 45	19 10
M 5	22 22	8 36	1 22	21 47	0 18	10 55	2 7	16 0	2 36	16 6	0 43	13 23	2 12	11 53	0 45	19 9
T 6	22 30	14 32	0 7	22 8	0 24	11 19	2 7	15 57	2 38	16 6	0 43	13 24	2 12	11 52	0 45	19 9
W 7	22 37	19 52	1s11	22 29	0 31	11 43	2 7	15 54	2 40	16 6	0 43	13 26	2 12	11 52	0 45	19 9
T 8	22 44	24 8	2 26	22 49	0 37	12 7	2 6	15 52	2 42	16 7	0 44	13 28	2 12	11 51	0 45	19 8
F 9	22 50	26 50	3 32	23 7	0 43	12 30	2 6	15 50	2 44	16 7	0 44	13 30	2 12	11 51	0 45	19 8
S 10	22 55	27 34	4 24	23 25	0 50	12 54	2 5	15 47	2 47	16 8	0 44	13 32	2 12	11 50	0 45	19 7
S 11	23 1	26 16	4 57	23 41	0 56	13 17	2 5	15 45	2 49	16 8	0 44	13 34	2 13	11 50	0 45	19 7
M12	23 5	23 7	5 10	23 56	1 1	13 39	2 4	15 44	2 51	16 9	0 45	13 35	2 13	11 49	0 45	19 7
T 13	23 10	18 34	5 2	24 10	1 7	14 2	2 3	15 42	2 53	16 10	0 45	13 37	2 13	11 48	0 45	19 6
W14	23 14	13 5	4 36	24 22	1 13	14 24	2 3	15 41	2 55	16 11	0 45	13 39	2 13	11 48	0 45	19 6
T 15	23 17	7 7	3 54	24 33	1 18	14 46	2 2	15 40	2 58	16 11	0 45	13 41	2 13	11 47	0 45	19 5
F 16	23 20	0 59	3 1	24 43	1 23	15 8	2 1	15 39	3 0	16 12	0 46	13 42	2 13	11 46	0 45	19 5
S 17	23 22	5n 3	1 59	24 52	1 28	15 29	2 0	15 38	3 2	16 13	0 46	13 44	2 13	11 46	0 45	19 5
S 18	23 24	10 44	0 53	24 59	1 33	15 50	1 59	15 38	3 4	16 14	0 46	13 46	2 13	11 45	0 45	19 4
M19	23 26	15 53	0n14	25 5	1 37	16 10	1 57	15 37	3 7	16 15	0 46	13 47	2 14	11 44	0 45	19 4
T 20	23 27	20 19	1 19	25 9	1 41	16 30	1 56	15 38	3 9	16 17	0 46	13 49	2 14	11 44	0 45	19 3
W21	23 28	23 50	2 20	25 12	1 45	16 50	1 55	15 38	3 11	16 18	0 47	13 50	2 14	11 43	0 45	19 3
T 22	23 28	26 15	3 14	25 14	1 49	17 9	1 53	15 38	3 14	16 19	0 47	13 52	2 14	11 42	0 45	19 2
F 23	23 27	27 26	3 59	25 14	1 53	17 28	1 52	15 39	3 16	16 20	0 47	13 54	2 14	11 41	0 45	19 2
S 24	23 27	27 21	4 33	25 12	1 56	17 47	1 50	15 40	3 18	16 22	0 47	13 55	2 14	11 41	0 45	19 1
S 25	23 25	26 0	4 55	25 10	1 59	18 5	1 48	15 42	3 21	16 23	0 48	13 57	2 14	11 40	0 45	19 1
M26	23 23	23 30	5 4	25 5	2 1	18 22	1 46	15 43	3 23	16 24	0 48	13 58	2 14	11 39	0 45	19 1
T 27	23 21	20 0	5 0	24 59	2 3	18 39	1 45	15 45	3 26	16 26	0 48	14 0	2 15	11 38	0 45	19 0
W28	23 19	15 40	4 43	24 52	2 5	18 56	1 43	15 47	3 28	16 28	0 48	14 1	2 15	11 37	0 45	19 0
T 29	23 15	10 41	4 14	24 43	2 7	19 12	1 41	15 49	3 30	16 29	0 48	14 2	2 15	11 36	0 44	18 59
F 30	23 12	5 14	3 32	24 32	2 8	19 28	1 39	15 52	3 33	16 31	0 49	14 4	2 15	11 36	0 44	18 59
S 31	23s 8	0s33	2n39	24s20	2s 9	19s43	1n37	15n55	3n35	16n33	0n49	14s 5	2n15	11s35	0s44	18s58

Julian Day Number = 2391979.5, Delta T = 7.95 sec
 Ecliptic obliquity = 23°27'45", Nutation = - 0°00'12", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°27'47", Lahiri = 21°34'47"