



Astrodienst Ephemeris Tables for the year 1855

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 1855
geocentric

JANUARY 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 40 19	10 ³ 3'58	14 ^{II} 11	28 [♂] 30	14 [♂] 30	2 [♂] 10	2 [♂] 52	10 [♂] R18	12 [♂] R52	13 [♂] 34	1 [♂] R47	21 [♂] R21	19 [♂] 30	3 [♂] 17	21 [♂] 21	M 1
T 2	6 44 16	11 [°] 5'07	26 [°] 18	0 [♂] 2	15 [°] 46	2 [°] 57	3 [°] 6	10 ^{II} 14	12 [♂] 51	13 [°] 35	1 [♂] 47	21 [♂] 16	19 [°] 27	3 [°] 24	21 [°] 26	T 2
W 3	6 48 13	12 [°] 6'16	8 [♂] 19	1 [°] 35	17 [°] 1	3 [°] 44	3 [°] 20	10 [°] 10	12 [°] 50	13 [°] 36	1 [°] 47	21 [°] 8	19 [°] 24	3 [°] 30	21 [°] 32	W 3
T 4	6 52 9	13 [°] 7'24	20 [°] 15	3 [°] 8	18 [°] 17	4 [°] 32	3 [°] 33	10 [°] 6	12 [°] 49	13 [°] 38	1 [°] 47	20 [°] 59	19 [°] 21	3 [°] 37	21 [°] 37	T 4
F 5	6 56 6	14 [°] 8'33	2 [♂] 9	4 [°] 41	19 [°] 32	5 [°] 19	3 [°] 47	10 [°] 3	12 [°] 48	13 [°] 39	1 [°] 46	20 [°] 48	19 [°] 18	3 [°] 44	21 [°] 42	F 5
S 6	7 0 2	15 [°] 9'41	14 [°] 1	6 [°] 14	20 [°] 47	6 [°] 6	4 [°] 1	9 [°] 59	12 [°] 47	13 [°] 40	1 [°] 46	20 [°] 37	19 [°] 14	3 [°] 50	21 [°] 48	S 6
S 7	7 3 59	16 [°] 10'50	25 [°] 53	7 [°] 48	22 [°] 3	6 [°] 53	4 [°] 15	9 [°] 55	12 [°] 47	13 [°] 42	1 [°] 46	20 [°] 26	19 [°] 11	3 [°] 57	21 [°] 53	S 7
M 8	7 7 55	17 [°] 11'58	7 [♂] 48	9 [°] 23	23 [°] 18	7 [°] 41	4 [°] 29	9 [°] 52	12 [°] 46	13 [°] 43	1 [°] 46	20 [°] 17	19 [°] 8	4 [°] 4	21 [°] 59	M 8
T 9	7 11 52	18 [°] 13'06	19 [°] 48	10 [°] 57	24 [°] 34	8 [°] 28	4 [°] 43	9 [°] 49	12 [°] 45	13 [°] 45	1 [°] 46	20 [°] 11	19 [°] 5	4 [°] 11	22 [°] 4	T 9
W10	7 15 48	19 [°] 14'14	1 [♂] 58	12 [°] 33	25 [°] 49	9 [°] 15	4 [°] 57	9 [°] 45	12 [°] 45	13 [°] 46	1 [°] 45	20 [°] 7	19 [°] 2	4 [°] 17	22 [°] 10	W10
T 11	7 19 45	20 [°] 15'22	14 [°] 21	14 [°] 8	27 [°] 5	10 [°] 3	5 [°] 11	9 [°] 42	12 [°] 44	13 [°] 48	1 [°] 45	20 [°] 5	18 [°] 58	4 [°] 24	22 [°] 15	T 11
F 12	7 23 42	21 [°] 16'30	27 [°] 3	15 [°] 44	28 [°] 20	10 [°] 50	5 [°] 25	9 [°] 39	12 [°] 44	13 [°] 49	1 [°] 45	20 [°] D 5	18 [°] 55	4 [°] 31	22 [°] 21	F 12
S 13	7 27 38	22 [°] 17'38	10 [♂] 7	17 [°] 21	29 [°] 35	11 [°] 37	5 [°] 39	9 [°] 36	12 [°] 43	13 [°] 51	1 [°] 45	20 [°] 6	18 [°] 52	4 [°] 37	22 [°] 26	S 13
S 14	7 31 35	23 [°] 18'46	23 [°] 38	18 [°] 58	0 [♂] 51	12 [°] 25	5 [°] 53	9 [°] 33	12 [°] 43	13 [°] 52	1 [°] 45	20 [°] R 6	18 [°] 49	4 [°] 44	22 [°] 32	S 14
M15	7 35 31	24 [°] 19'54	7 [♂] 38	20 [°] 36	2 [°] 6	13 [°] 12	6 [°] 7	9 [°] 31	12 [°] 43	13 [°] 54	1 [°] 45	20 [°] 4	18 [°] 46	4 [°] 51	22 [°] 37	M15
T 16	7 39 28	25 [°] 21'01	22 [°] 7	22 [°] 14	3 [°] 21	14 [°] 0	6 [°] 21	9 [°] 28	12 [°] 42	13 [°] 55	1 [°] D45	20 [°] 1	18 [°] 43	4 [°] 58	22 [°] 42	T 16
W17	7 43 24	26 [°] 22'08	7 [♂] 3	23 [°] 53	4 [°] 37	14 [°] 47	6 [°] 35	9 [°] 25	12 [°] 42	13 [°] 57	1 [°] 45	19 [°] 54	18 [°] 39	5 [°] 4	22 [°] 48	W17
T 18	7 47 21	27 [°] 23'15	22 [°] 14	25 [°] 32	5 [°] 52	15 [°] 34	6 [°] 49	9 [°] 23	12 [°] 42	13 [°] 59	1 [°] 45	19 [°] 45	18 [°] 36	5 [°] 11	22 [°] 53	T 18
F 19	7 51 18	28 [°] 24'21	7 [♂] 35	27 [°] 12	7 [°] 8	16 [°] 22	7 [°] 4	9 [°] 20	12 [°] 42	14 [°] 0	1 [°] 45	19 [°] 35	18 [°] 33	5 [°] 18	22 [°] 59	F 19
S 20	7 55 14	29 [°] 25'26	22 [°] 53	28 [°] 52	8 [°] 23	17 [°] 9	7 [°] 18	9 [°] 18	12 [°] 42	14 [°] 2	1 [°] 45	19 [°] 24	18 [°] 30	5 [°] 24	23 [°] 4	S 20
S 21	7 59 11	0 [♂] 26'30	7 [♂] 55	0 [♂] 33	9 [°] 38	17 [°] 57	7 [°] 32	9 [°] 16	12 [°] D42	14 [°] 4	1 [°] 45	19 [°] 15	18 [°] 27	5 [°] 31	23 [°] 10	S 21
M22	8 3 7	1 [°] 27'34	22 [°] 34	2 [°] 15	10 [°] 54	18 [°] 44	7 [°] 46	9 [°] 14	12 [°] 42	14 [°] 6	1 [°] 45	19 [°] 7	18 [°] 24	5 [°] 38	23 [°] 15	M22
T 23	8 7 4	2 [°] 28'36	6 [♂] 45	3 [°] 57	12 [°] 9	19 [°] 32	8 [°] 1	9 [°] 12	12 [°] 42	14 [°] 8	1 [°] 46	19 [°] 2	18 [°] 20	5 [°] 45	23 [°] 21	T 23
W24	8 11 0	3 [°] 29'37	20 [°] 27	5 [°] 39	13 [°] 24	20 [°] 19	8 [°] 15	9 [°] 10	12 [°] 42	14 [°] 9	1 [°] 46	18 [°] 59	18 [°] 17	5 [°] 51	23 [°] 26	W24
T 25	8 14 57	4 [°] 30'37	3 [♂] 41	7 [°] 23	14 [°] 39	21 [°] 7	8 [°] 29	9 [°] 8	12 [°] 42	14 [°] 11	1 [°] 46	18 [°] D59	18 [°] 14	5 [°] 58	23 [°] 31	T 25
F 26	8 18 53	5 [°] 31'36	16 [°] 31	9 [°] 7	15 [°] 55	21 [°] 54	8 [°] 43	9 [°] 7	12 [°] 42	14 [°] 13	1 [°] 46	18 [°] R59	18 [°] 11	6 [°] 5	23 [°] 37	F 26
S 27	8 22 50	6 [°] 32'34	29 [°] 1	10 [°] 51	17 [°] 10	22 [°] 41	8 [°] 58	9 [°] 5	12 [°] 43	14 [°] 15	1 [°] 46	18 [°] 59	18 [°] 8	6 [°] 12	23 [°] 42	S 27
S 28	8 26 47	7 [°] 33'31	11 ^{II} 17	12 [°] 36	18 [°] 25	23 [°] 29	9 [°] 12	9 [°] 4	12 [°] 43	14 [°] 17	1 [°] 47	18 [°] 57	18 [°] 4	6 [°] 18	23 [°] 47	S 28
M29	8 30 43	8 [°] 34'26	23 [°] 21	14 [°] 21	19 [°] 40	24 [°] 16	9 [°] 26	9 [°] 2	12 [°] 43	14 [°] 19	1 [°] 47	18 [°] 52	18 [°] 1	6 [°] 25	23 [°] 53	M29
T 30	8 34 40	9 [°] 35'21	5 [♂] 19	16 [°] 7	20 [°] 56	25 [°] 4	9 [°] 40	9 [°] 1	12 [°] 44	14 [°] 21	1 [°] 47	18 [°] 45	17 [°] 58	6 [°] 32	23 [°] 58	T 30
W31	8 38 36	10 [♂] 36'14	17 [♂] 13	17 [♂] 53	22 [♂] 11	25 [♂] 51	9 [♂] 55	9 ^{II} 0	12 [♂] 44	14 [♂] 23	1 [♂] 48	18 [♂] 34	17 [♂] 55	6 [♂] 38	24 [♂] 3	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23s 5	24n30	2n 0	24s 8	0s41	23s30	0s50	20s48	1s 8	20s 3	0s32	20n17	1s44	15n21	0s22	7s24	1s 1	3s39	16s45	18n 7	17n37	24n15	15s22	6n29							
T 2	23 0	26 21	2 56	24 15	0 47	23 23	0 52	20 37	1 8	20 0	0 32	20 17	1 44	15 21	0 22	7 24	1 1	3 39	16 45	18 5	17 36	24 13	15 21	6 28							
W 3	22 54	26 56	3 45	24 20	0 53	23 16	0 54	20 26	1 8	19 57	0 32	20 17	1 44	15 21	0 22	7 23	1 1	3 38	16 45	18 3	17 36	24 12	15 20	6 28							
T 4	22 49	26 15	4 23	24 25	0 59	23 8	0 56	20 15	1 8	19 53	0 32	20 16	1 44	15 21	0 22	7 23	1 1	3 38	16 44	18 1	17 35	24 10	15 20	6 28							
F 5	22 42	24 23	4 49	24 28	1 5	22 59	0 58	20 3	1 8	19 50	0 32	20 16	1 44	15 20	0 22	7 22	1 1	3 38	16 44	17 58	17 34	24 9	15 19	6 28							
S 6	22 36	21 28	5 3	24 29	1 11	22 50	1 0	19 52	1 8	19 47	0 32	20 16	1 43	15 20	0 22	7 21	1 1	3 38	16 44	17 55	17 33	24 8	15 18	6 28							
S 7	22 29	17 39	5 3	24 30	1 16	22 40	1 1	19 40	1 8	19 44	0 32	20 15	1 43	15 20	0 22	7 21	1 1	3 37	16 43	17 52	17 32	24 6	15 17	6 28							
M 8	22 21	13 9	4 51	24 29	1 21	22 29	1 3	19 27	1 8	19 41	0 32	20 15	1 43	15 20	0 22	7 20	1 0	3 37	16 43	17 50	17 31	24 5	15 16	6 28							
T 9	22 13	8 6	4 25	24 26	1 26	22 17	1 5	19 15	1 8	19 37	0 32	20 15	1 43	15 20	0 22	7 20	1 0	3 37	16 42	17 48	17 30	24 3	15 16	6 28							
W10	22 5	2 42	3 48	24 23	1 31	22 5	1 6	19 2	1 8	19 34	0 32	20 15	1 42	15 19	0 22	7 19	1 0	3 37	16 42	17 47	17 30	24 2	15 15	6 28							
T 11	21 56	2s55	2 59	24 17	1 35	21 52	1 8	18 50	1 7	19 31	0 32	20 14	1 42	15 19	0 22	7 19	1 0	3 36	16 42	17 47	17 29	24 1	15 14	6 28							
F 12	21 47	8 34	2 0	24 11	1 39	21 39	1 9	18 37	1 7	19 27	0 32	20 14	1 42	15 19	0 22	7 18	1 0	3 36	16 41	17 47	17 28	23 59	15 13	6 28							
S 13	21 37	14 1	0 53	24 2	1 43	21 25	1 11	18 23	1 7	19 24	0 32	20 14	1 42	15 19	0 22	7 17	1 0	3 36	16 41	17 47	17 27	23 58	15 12	6 28							
S 14	21 27	19 0	0s19	23 53	1 47	21 10	1 12	18 10	1 7	19 21	0 32	20 14	1 42	15 19	0 22	7 17	1 0	3 35	16 41	17 47	17 26	23 56	15 11	6 28							
M15	21 16	23 7	1 32	23 42	1 50	20 54	1 14	17 56	1 7	19 17	0 33	20 13	1 41	15 19	0 22	7 16	1 0	3 35	16 40	17 47	17 25	23 55	15 11	6 28							
T 16	21 5	25 55	2 42	23 29	1 53	20 38	1 15	17 42	1 7	19 14	0 33	20 13	1 41	15 19	0 22	7 15	1 0	3 35	16 40	17 46	17 24	23 53	15 10	6 28							
W17	20 54	26 58	3 42	23 15	1 56	20 22	1 16	17 28	1 6	19 10	0 33	20 13	1 41	15 19	0 22	7 15	1 0	3 34	16 40	17 44	17 23	23 52	15 9	6 28							
T 18	20 42	26 2	4 28	23 0	1 58	20 4	1 18	17 14	1 6	19 7	0 33	20 13	1 41	15 19	0 22	7 14	1 0	3 34	16 39	17 41	17 23	23 50	15 8	6 28							
F 19	20 30	23 8	4 55	22 42	2 0	19 47	1 19	17 0	1 6	19 3	0 33	20 13	1 40	15 19	0 22	7 13	1 0	3 34	16 39	17 39	17 22	23 49	15 7	6 28							
S 20	20 17	18 38	5 1	22 24	2 2	19 28	1 20	16 45	1 6	19 0	0 33	20 13	1 40	15 19	0 22	7 13	1 0	3 33	16 39	17 36	17 21	23 47	15 6	6 28							
S 21	20 4	13 2	4 46	22 4	2 3	19 9	1 21	16 30	1 6	18 56	0 33	20 13	1 40	15 19	0 22	7 12	1 0	3 33	16 38	17 33	17 20	23 46	15 5	6 29							
M22	19 51	6 49	4 12	21 42	2 4	18 50	1 22	16 15	1 5	18 52	0 33	20 13	1 40	15 19	0 22	7 11	1 0	3 32	16 38	17 31	17 19	23 44	15 4	6 29							
T 23	19 37	0 26	3 24	21 18	2 5	18 30	1 23	16 0	1 5	18 49	0 33	20 13	1 40	15 19	0 22	7 11	1 0	3 32	16 37	17 30	17 18	23 43	15 3	6 29							
W24	19 23	5n45	2 25	20 54	2 5	18 9	1 24	15 45	1 5	18 45	0 33	20 13	1 39	15 19	0 22	7 10	1 0	3 32	16 37	17 29	17 17	23 41	15 2	6 29							
T 25	19 9	11 30	1 20	20 27	2 5	17 48	1 25	15 30	1 5	18 42	0 33	20 12	1 39	15 19	0 22	7 9	1 0	3 31	16 37	17 29	17 16	23 40	15 1	6 29							
F 26	18 54	16 35	0 13	19 59	2 4	17 26	1 25	15 14	1 4	18 38	0 33	20 12	1 39	15 19	0 22	7 9	1 0	3 31	16 36	17 29	17 16	23 38	15 0	6 29							
S 27	18 39	20 49	0n53	19 29	2 3	17 4	1 26	14 58	1 4	18 34	0 33	20 12	1 39	15 19	0 22	7 8	1 0	3 30	16 36	17 29	17 15	23 37	14 59	6 29							
S 28	18 24	24 3	1 55	18 58	2 1	16 42	1 27	14 43	1 4	18 31	0 34	20 13	1 38	15 19	0 22	7 7	1 0	3 30	16 36	17 28	17 14	23 35	14 58	6 29							
M29	18 8	26 8	2 51	18 26	1 59	16 19	1 27	14 27	1 4	18 27	0 34	20 13	1 38	15 20	0 22	7 6	1 0	3 30	16 35	17 27	17 13	23 34	14 57	6 29							
T 30	17 52	27 0	3 39	17 52	1 56	15 55	1 28	14 10	1 3	18 23	0 34	20 13	1 38	15 20	0 22	7 6	1 0	3 30	16 35	17 25	17 12	23 32	14 56	6 30							
W31	17s36	26n35	4n16	17s16	1s52	15s31	1s28	13s54	1s 3	18s19	0s34	20n13	1s38	15n20	0s22	7s 5	1s 0	3s29	16s35	17n22	17n11	23n31	14s55	6n30							

ASTRODIENST EPHEMERIS for the year 1855

geocentric

FEBRUARY 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 33	11 ³⁷ 05	29 ⁵ 5	19 ⁴⁰ 40	23 ²⁶ 26	26 ³⁹ 39	10 ⁹ 9	8°R59	12 ⁴⁵ 45	14 ²⁵ 25	1 ⁴⁸ 48	18°R21	17 ⁵² 52	6 ⁴⁵ 45	24 ⁹ 9	T 1
F 2	8 46 29	12°37'56	10 ⁵⁸ 58	21°26	24°41	27°26	10°23	8 ⁵⁸ 58	12°45	14°27	1°48	18 ⁶ 6	17°49	6°52	24°14	F 2
S 3	8 50 26	13°38'46	22°51	23°13	25°56	28°14	10°38	8°57	12°46	14°29	1°49	17°51	17°45	6°59	24°19	S 3
S 4	8 54 22	14°39'34	4 ⁴⁸ 48	25° 0	27°11	29° 1	10°52	8°57	12°47	14°31	1°49	17°37	17°42	7° 5	24°24	S 4
M 5	8 58 19	15°40'21	16°48	26°46	28°26	29°48	11° 6	8°56	12°48	14°33	1°50	17°25	17°39	7°12	24°29	M 5
T 6	9 2 16	16°41'07	28°54	28°32	29°41	0 ³⁶ 36	11°20	8°56	12°48	14°35	1°50	17°15	17°36	7°19	24°35	T 6
W 7	9 6 12	17°41'52	11 ⁸ 8	0 ¹⁸ 18	0 ⁵⁶ 56	1°23	11°35	8°55	12°49	14°37	1°50	17° 8	17°33	7°25	24°40	W 7
T 8	9 10 9	18°42'36	23°33	2° 2	2°11	2°11	11°49	8°55	12°50	14°39	1°51	17° 4	17°29	7°32	24°45	T 8
F 9	9 14 5	19°43'19	6 ¹³ 13	3°45	3°27	2°58	12° 3	8°D55	12°51	14°41	1°51	17° 3	17°26	7°39	24°50	F 9
S 10	9 18 2	20°44'01	19°12	5°26	4°42	3°45	12°17	8°55	12°52	14°43	1°52	17° 3	17°23	7°46	24°55	S 10
S 11	9 21 58	21°44'42	2 ³⁴ 34	7° 5	5°56	4°33	12°31	8°55	12°53	14°45	1°53	17° 2	17°20	7°52	25° 0	S 11
M12	9 25 55	22°45'22	16°22	8°42	7°11	5°20	12°46	8°56	12°54	14°47	1°53	17° 1	17°17	7°59	25° 5	M12
T 13	9 29 51	23°46'01	0 ³⁷ 37	10°15	8°26	6° 7	13° 0	8°56	12°55	14°50	1°54	16°57	17°14	8° 6	25°10	T 13
W14	9 33 48	24°46'38	15°19	11°44	9°41	6°55	13°14	8°56	12°57	14°52	1°54	16°51	17°10	8°13	25°15	W14
T 15	9 37 45	25°47'14	0 ²¹ 21	13°10	10°56	7°42	13°28	8°57	12°58	14°54	1°55	16°41	17° 7	8°19	25°20	T 15
F 16	9 41 41	26°47'49	15°36	14°30	12°11	8°29	13°42	8°58	12°59	14°56	1°56	16°30	17° 4	8°26	25°25	F 16
S 17	9 45 38	27°48'22	0 ⁵⁴ 54	15°45	13°26	9°17	13°56	8°59	13° 1	14°58	1°56	16°19	17° 1	8°33	25°30	S 17
S 18	9 49 34	28°48'54	16° 2	16°53	14°41	10° 4	14°10	8°59	13° 2	15° 0	1°57	16° 8	16°58	8°39	25°34	S 18
M19	9 53 31	29°49'24	0 ⁵⁰ 50	17°54	15°56	10°51	14°24	9° 1	13° 4	15° 3	1°58	16° 0	16°55	8°46	25°39	M19
T 20	9 57 27	0 ⁴⁹ 49	15°12	18°47	17°10	11°38	14°38	9° 2	13° 5	15° 5	1°58	15°54	16°51	8°53	25°44	T 20
W21	10 1 24	1°50'19	29° 4	19°32	18°25	12°26	14°52	9° 3	13° 7	15° 7	1°59	15°50	16°48	9° 0	25°49	W21
T 22	10 5 20	2°50'43	12 ²⁶ 26	20° 9	19°40	13°13	15° 6	9° 4	13° 8	15° 9	2° 0	15°D49	16°45	9° 6	25°53	T 22
F 23	10 9 17	3°51'05	25°22	20°36	20°55	14° 0	15°20	9° 6	13°10	15°12	2° 1	15°50	16°42	9°13	25°58	F 23
S 24	10 13 14	4°51'26	7 ⁵⁵ 55	20°53	22° 9	14°47	15°34	9° 7	13°12	15°14	2° 2	15°R50	16°39	9°20	26° 2	S 24
S 25	10 17 10	5°51'45	20°11	21°R 1	23°24	15°34	15°48	9° 9	13°13	15°16	2° 2	15°49	16°35	9°26	26° 7	S 25
M26	10 21 7	6°52'01	2 ¹³ 13	20°59	24°39	16°21	16° 2	9°11	13°15	15°18	2° 3	15°45	16°32	9°33	26°11	M26
T 27	10 25 3	7°52'16	14° 8	20°47	25°53	17° 8	16°16	9°13	13°17	15°21	2° 4	15°40	16°29	9°40	26°16	T 27
W28	10 29 0	8 ⁵² 52	26 ⁰ 0	20 ⁵² 52	27 ⁸ 8	17 ⁵⁵ 55	16 ³⁰ 30	9 ¹⁵ 15	13 ¹⁹ 19	15 ²³ 23	2 ⁵ 5	15 ³¹ 31	16 ²⁶ 26	9 ⁴⁷ 47	26 ²⁰ 20	W28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s19	24n58	4n43	16s39	1s48	15s 7	1s29	13s38	1s 3	18s16	0s34	20n13	1s37	15n20	0s22	7s 4	1s 0	3s28	16s34	17n18	17n10	23n29	14s54	6n30			
F 2	17 2	22 15	4 57	16 0	1 44	14 42	1 29	13 21	1 3	18 12	0 34	20 13	1 37	15 20	0 22	7 3	1 0	3 28	16 34	17 14	17 9	23 27	14 53	6 30			
S 3	16 45	18 36	4 58	15 20	1 39	14 17	1 29	13 4	1 2	18 8	0 34	20 13	1 37	15 20	0 22	7 2	1 0	3 27	16 33	17 10	17 8	23 26	14 52	6 30			
S 4	16 27	14 12	4 46	14 39	1 33	13 51	1 29	12 48	1 2	18 4	0 34	20 13	1 37	15 21	0 22	7 2	1 0	3 27	16 33	17 6	17 8	23 24	14 51	6 30			
M 5	16 9	9 14	4 21	13 57	1 26	13 25	1 29	12 31	1 2	18 0	0 34	20 13	1 36	15 21	0 21	7 1	1 0	3 26	16 33	17 3	17 7	23 23	14 50	6 30			
T 6	15 51	3 52	3 45	13 14	1 19	12 59	1 29	12 14	1 1	17 57	0 34	20 14	1 36	15 21	0 21	7 0	1 0	3 26	16 32	17 0	17 6	23 21	14 49	6 31			
W 7	15 33	1s41	2 57	12 29	1 11	12 33	1 29	11 56	1 1	17 53	0 34	20 14	1 36	15 22	0 21	6 59	1 0	3 25	16 32	16 58	17 5	23 19	14 48	6 31			
T 8	15 14	7 17	2 1	11 44	1 2	12 6	1 29	11 39	1 1	17 49	0 35	20 14	1 36	15 22	0 21	6 58	1 0	3 25	16 32	16 57	17 4	23 18	14 47	6 31			
F 9	14 55	12 43	0 57	10 58	0 53	11 38	1 29	11 22	1 0	17 45	0 35	20 14	1 35	15 22	0 21	6 58	1 0	3 25	16 31	16 56	17 3	23 16	14 46	6 31			
S 10	14 36	17 43	0s11	10 12	0 43	11 11	1 29	11 4	1 0	17 41	0 35	20 14	1 35	15 23	0 21	6 57	1 0	3 24	16 31	16 56	17 2	23 15	14 45	6 32			
S 11	14 16	22 1	1 21	9 25	0 32	10 43	1 29	10 47	1 0	17 37	0 35	20 15	1 35	15 23	0 21	6 56	1 0	3 24	16 31	16 56	17 1	23 13	14 43	6 32			
M12	13 57	25 13	2 28	8 38	0 20	10 15	1 28	10 29	0 59	17 33	0 35	20 15	1 35	15 23	0 21	6 55	1 0	3 23	16 30	16 56	17 0	23 11	14 42	6 32			
T 13	13 37	26 56	3 28	7 52	0 8	9 46	1 28	10 11	0 59	17 29	0 35	20 15	1 34	15 24	0 21	6 54	1 0	3 23	16 30	16 55	16 59	23 10	14 41	6 32			
W14	13 16	26 50	4 17	7 6	0n 5	9 18	1 27	9 53	0 59	17 25	0 35	20 16	1 34	15 24	0 21	6 53	1 0	3 22	16 30	16 53	16 59	23 8	14 40	6 32			
T 15	12 56	24 47	4 48	6 21	0 18	8 49	1 27	9 35	0 58	17 21	0 35	20 16	1 34	15 24	0 21	6 53	1 0	3 21	16 29	16 50	16 58	23 6	14 39	6 33			
F 16	12 36	20 57	5 0	5 37	0 32	8 19	1 26	9 17	0 58	17 17	0 35	20 16	1 33	15 25	0 21	6 52	1 0	3 21	16 29	16 47	16 57	23 5	14 38	6 33			
S 17	12 15	15 41	4 51	4 55	0 47	7 50	1 26	8 59	0 57	17 13	0 35	20 17	1 33	15 25	0 21	6 51	1 0	3 20	16 29	16 44	16 56	23 3	14 37	6 33			
S 18	11 54	9 31	4 21	4 14	1 2	7 20	1 25	8 41	0 57	17 9	0 36	20 17	1 33	15 26	0 21	6 50	1 0	3 20	16 28	16 41	16 55	23 1	14 36	6 33			
M19	11 33	2 56	3 34	3 37	1 17	6 51	1 24	8 23	0 57	17 5	0 36	20 18	1 33	15 26	0 21	6 49	1 0	3 19	16 28	16 38	16 54	23 0	14 35	6 34			
T 20	11 11	3n37	2 34	3 2	1 32	6 21	1 23	8 4	0 56	17 1	0 36	20 18	1 32	15 27	0 21	6 48	1 0	3 19	16 28	16 37	16 53	22 58	14 33	6 34			
W21	10 50	9 47	1 28	2 30	1 47	5 51	1 22	7 46	0 56	16 57	0 36	20 18	1 32	15 27	0 21	6 47	1 0	3 18	16 28	16 36	16 52	22 56	14 32	6 34			
T 22	10 28	15 18	0 18	2 2	2 2	5 20	1 21	7 27	0 56	16 53	0 36	20 19	1 32	15 28	0 21	6 47	1 0	3 18	16 27	16 35	16 51	22 54	14 31	6 35			
F 23	10 6	19 56	0n50	1 38	2 17	4 50	1 20	7 9	0 55	16 49	0 36	20 19	1 32	15 28	0 21	6 46	1 0	3 17	16 27	16 35	16 50	22 53	14 30	6 35			
S 24	9 44	23 32	1 54	1 18	2 31	4 19	1 19	6 50	0 55	16 45	0 36	20 20	1 31	15 29	0 21	6 45	1 0	3 17	16 27	16 35	16 50	22 51	14 29	6 35			
S 25	9 22	25 57	2 52	1 2	2 45	3 49	1 18	6 32	0 54	16 41	0 36	20 20	1 31	15 29	0 21	6 44	1 0	3 16	16 26	16 35	16 49	22 49	14 28	6 36			
M26	9 0	27 6	3 40	0 51	2 57	3 18	1 16	6 13	0 54	16 37	0 36	20 21	1 31	15 30	0 21	6 43	1 0	3 16	16 26	16 34	16 48	22 48	14 27	6 36			
T 27	8 37	26 59	4 18	0 46	3 9	2 47	1 15	5 54	0 53	16 33	0 37	20 21	1 31	15 30	0 21	6 42	1 0	3 15	16 26	16 33	16 47	22 46	14 26	6 36			
W28	8s15	25n38	4n45	0s45	3n19	2s16	1s14	5s35	0s53	16s29	0s37	20n22	1s30	15n31	0s21	6s41	1s 0	3s14	16s25	16n30	16n46	22n44	14s24	6n37			

Julian Day Number = 2398615.5, Delta T = 10.32 sec

Ecliptic obliquity = 23°27'35, Nutation = - 0°00'11, out-of-bounds

ASTRODIENST EPHEMERIS for the year 1855
geocentric

MARCH 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 32 56	9♂52'39	7♂51	19°R57	28♂22	18♂42	16♂43	9♂17	13♂21	15♂25	2♂ 6	15°R21	16♂23	9♂53	26♂25	T 1
F 2	10 36 53	10°52'48	19°44	19♂19	29°37	19°29	16°57	9°19	13°23	15°27	2° 7	15♂ 9	16°20	10° 0	26°29	F 2
S 3	10 40 49	11°52'55	1♂42	18°35	0♂51	20°16	17°11	9°22	13°25	15°30	2° 8	14°56	16°16	10° 7	26°33	S 3
S 4	10 44 46	12°52'59	13°45	17°44	2° 6	21° 3	17°24	9°24	13°27	15°32	2° 9	14°44	16°13	10°14	26°37	S 4
M 5	10 48 43	13°53'02	25°55	16°49	3°20	21°50	17°38	9°27	13°29	15°34	2°10	14°34	16°10	10°20	26°41	M 5
T 6	10 52 39	14°53'03	8♂12	15°51	4°34	22°37	17°51	9°29	13°31	15°37	2°11	14°26	16° 7	10°27	26°46	T 6
W 7	10 56 36	15°53'03	20°38	14°51	5°49	23°24	18° 5	9°32	13°33	15°39	2°12	14°20	16° 4	10°34	26°50	W 7
T 8	11 0 32	16°53'00	3♂15	13°51	7° 3	24°11	18°18	9°35	13°35	15°41	2°13	14°18	16° 1	10°40	26°54	T 8
F 9	11 4 29	17°52'56	16° 5	12°52	8°17	24°58	18°32	9°38	13°38	15°43	2°14	14°D17	15°57	10°47	26°58	F 9
S 10	11 8 25	18°52'50	29° 9	11°55	9°32	25°44	18°45	9°41	13°40	15°46	2°15	14°18	15°54	10°54	27° 1	S 10
S 11	11 12 22	19°52'43	12♂31	11° 1	10°46	26°31	18°58	9°44	13°42	15°48	2°16	14°18	15°51	11° 1	27° 5	S 11
M12	11 16 18	20°52'34	26°13	10°11	12° 0	27°18	19°12	9°48	13°45	15°50	2°17	14°R19	15°48	11° 7	27° 9	M12
T 13	11 20 15	21°52'23	10♂16	9°27	13°14	28° 4	19°25	9°51	13°47	15°52	2°18	14°17	15°45	11°14	27°13	T 13
W14	11 24 11	22°52'11	24°40	8°48	14°28	28°51	19°38	9°54	13°49	15°55	2°19	14°13	15°41	11°21	27°17	W14
T 15	11 28 8	23°51'57	9♂21	8°14	15°42	29°38	19°51	9°58	13°52	15°57	2°20	14° 8	15°38	11°27	27°20	T 15
F 16	11 32 5	24°51'41	24°15	7°47	16°56	0♂24	20° 4	10° 2	13°54	15°59	2°21	14° 0	15°35	11°34	27°24	F 16
S 17	11 36 1	25°51'23	9♂13	7°27	18°10	1°11	20°17	10° 6	13°57	16° 1	2°22	13°53	15°32	11°41	27°27	S 17
S 18	11 39 58	26°51'04	24° 7	7°12	19°24	1°57	20°30	10° 9	14° 0	16° 4	2°23	13°45	15°29	11°48	27°31	S 18
M19	11 43 54	27°50'42	8♂47	7° 4	20°38	2°44	20°43	10°13	14° 2	16° 6	2°25	13°40	15°26	11°54	27°34	M19
T 20	11 47 51	28°50'18	23° 7	7°D 2	21°52	3°30	20°55	10°17	14° 5	16° 8	2°26	13°36	15°22	12° 1	27°38	T 20
W21	11 51 47	29°49'52	7♂ 1	7° 5	23° 6	4°16	21° 8	10°21	14° 7	16°10	2°27	13°D34	15°19	12° 8	27°41	W21
T 22	11 55 44	0♂49'24	20°29	7°15	24°20	5° 3	21°21	10°26	14°10	16°13	2°28	13°34	15°16	12°15	27°44	T 22
F 23	11 59 40	1°48'54	3♂30	7°29	25°33	5°49	21°33	10°30	14°13	16°15	2°29	13°35	15°13	12°21	27°47	F 23
S 24	12 3 37	2°48'21	16° 9	7°49	26°47	6°35	21°46	10°34	14°16	16°17	2°31	13°37	15°10	12°28	27°50	S 24
S 25	12 7 34	3°47'46	28°29	8°14	28° 1	7°22	21°58	10°39	14°19	16°19	2°32	13°R38	15° 7	12°35	27°53	S 25
M26	12 11 30	4°47'09	10♂35	8°43	29°14	8° 8	22°11	10°44	14°21	16°21	2°33	13°38	15° 3	12°41	27°56	M26
T 27	12 15 27	5°46'30	22°31	9°17	0♂28	8°54	22°23	10°48	14°24	16°24	2°34	13°36	15° 0	12°48	27°59	T 27
W28	12 19 23	6°45'48	4♂24	9°54	1°41	9°40	22°35	10°53	14°27	16°26	2°36	13°33	14°57	12°55	28° 2	W28
T 29	12 23 20	7°45'04	16°16	10°36	2°55	10°26	22°47	10°58	14°30	16°28	2°37	13°28	14°54	13° 2	28° 5	T 29
F 30	12 27 16	8°44'17	28°11	11°21	4° 8	11°12	22°59	11° 3	14°33	16°30	2°38	13°22	14°51	13° 8	28° 8	F 30
S 31	12 31 13	9♂43'28	10♂13	12♂10	5♂22	11♂58	23♂11	11♂ 8	14♂36	16♂32	2♂39	13♂16	14♂47	13♂15	28♂10	S 31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s52	23n 8	4n59	0s49	3n27	1s45	1s12	5s17	0s53	16s25	0s37	20n23	1s30	15n32	0s21	6s40	1s 0	3s14	16s25	16n27	16n45	22n42	14s23	6n37					
F 2	7 30	19 40	5 1	0 57	3 34	1 14	1 11	4 58	0 52	16 21	0 37	20 23	1 30	15 32	0 21	6 40	1 0	3 13	16 25	16 24	16 44	22 41	14 22	6 37					
S 3	7 7	15 23	4 49	1 10	3 38	0 43	1 9	4 39	0 52	16 17	0 37	20 24	1 30	15 33	0 21	6 39	1 0	3 13	16 25	16 20	16 43	22 39	14 21	6 38					
S 4	6 44	10 28	4 25	1 27	3 41	0 12	1 8	4 20	0 51	16 13	0 37	20 24	1 29	15 33	0 21	6 38	1 0	3 12	16 24	16 16	16 42	22 37	14 20	6 38					
M 5	6 21	5 7	3 48	1 48	3 41	0n19	1 6	4 1	0 51	16 9	0 37	20 25	1 29	15 34	0 21	6 37	1 0	3 12	16 24	16 13	16 41	22 35	14 19	6 38					
T 6	5 58	0s30	3 0	2 12	3 40	0 50	1 4	3 42	0 50	16 5	0 37	20 26	1 29	15 35	0 21	6 36	1 0	3 11	16 24	16 11	16 40	22 33	14 18	6 39					
W 7	5 34	6 10	2 3	2 39	3 36	1 21	1 2	3 23	0 50	16 1	0 38	20 26	1 29	15 35	0 21	6 35	1 0	3 11	16 24	16 9	16 40	22 32	14 17	6 39					
T 8	5 11	11 41	0 59	3 7	3 31	1 53	1 0	3 4	0 49	15 57	0 38	20 27	1 29	15 36	0 21	6 34	1 0	3 10	16 23	16 8	16 39	22 30	14 15	6 40					
F 9	4 48	16 49	0s10	3 37	3 23	2 24	0 59	2 45	0 49	15 53	0 38	20 28	1 28	15 37	0 21	6 33	1 0	3 9	16 23	16 8	16 38	22 28	14 14	6 40					
S 10	4 24	21 16	1 19	4 7	3 14	2 55	0 57	2 26	0 48	15 49	0 38	20 28	1 28	15 38	0 21	6 33	1 0	3 9	16 23	16 8	16 37	22 26	14 13	6 40					
S 11	4 1	24 43	2 25	4 37	3 3	3 26	0 55	2 7	0 48	15 45	0 38	20 29	1 28	15 38	0 21	6 32	1 0	3 8	16 22	16 9	16 36	22 24	14 12	6 41					
M12	3 37	26 50	3 25	5 7	2 51	3 56	0 53	1 48	0 47	15 41	0 38	20 30	1 28	15 39	0 21	6 31	1 0	3 8	16 22	16 9	16 35	22 23	14 11	6 41					
T 13	3 14	27 18	4 15	5 35	2 38	4 27	0 50	1 29	0 47	15 37	0 38	20 30	1 27	15 40	0 21	6 30	1 0	3 7	16 22	16 8	16 34	22 21	14 10	6 42					
W14	2 50	25 57	4 49	6 3	2 25	4 58	0 48	1 10	0 46	15 33	0 38	20 31	1 27	15 40	0 21	6 29	1 0	3 7	16 22	16 7	16 33	22 19	14 9	6 42					
T 15	2 26	22 50	5 6	6 28	2 11	5 29	0 46	0 51	0 46	15 29	0 39	20 32	1 27	15 41	0 21	6 28	1 0	3 6	16 22	16 6	16 32	22 17	14 8	6 42					
F 16	2 3	18 11	5 2	6 52	1 56	5 59	0 44	0 32	0 45	15 25	0 39	20 33	1 27	15 42	0 21	6 27	1 0	3 5	16 21	16 3	16 31	22 15	14 7	6 43					
S 17	1 39	12 24	4 37	7 13	1 41	6 30	0 41	0 13	0 45	15 21	0 39	20 33	1 26	15 43	0 21	6 27	1 0	3 5	16 21	16 1	16 30	22 13	14 6	6 43					
S 18	1 15	5 55	3 54	7 33	1 26	7 0	0 39	0n 6	0 44	15 17	0 39	20 34	1 26	15 44	0 20	6 26	1 0	3 4	16 21	15 59	16 29	22 12	14 4	6 44					
M19	0 51	0n47	2 56	7 50	1 11	7 30	0 37	0 25	0 44	15 13	0 39	20 35	1 26	15 44	0 20	6 25	1 0	3 4	16 21	15 57	16 28	22 10	14 3	6 44					
T 20	0 28	7 19	1 48	8 4	0 56	8 0	0 34	0 44	0 43	15 9	0 39	20 36	1 26	15 45	0 20	6 24	1 0	3 3	16 20	15 56	16 28	22 8	14 2	6 45					
W21	0 4	13 19	0 35	8 16	0 42	8 29	0 32	1 3	0 43	15 5	0 40	20 37	1 26	15 46	0 20	6 23	1 0	3 3	16 20	15 55	16 27	22 6	14 1	6 45					
T 22	0n20	18 29	0n37	8 26	0 28	8 59	0 29	1 22	0 42	15 1	0 40	20 37	1 25	15 47	0 20	6 22	1 0	3 2	16 20	15 55	16 26	22 4	14 0	6 45					
F 23	0 43	22 36	1 46	8 33	0 14	9 28	0 27	1 41	0 42	14 58	0 40	20 38	1 25	15 48	0 20	6 21	1 0	3 1	16 20	15 56	16 25	22 2	13 59	6 46					
S 24	1 7	25 31	2 47	8 38	0 0	9 57	0 24	1 59	0 41	14 54	0 40	20 39	1 25	15 48	0 20	6 21	1 0	3 1	16 20	15 56	16 24	22 0	13 58	6 46					
S 25	1 31	27 6	3 39	8 41	0s12	10 26	0 22	2 18	0 41	14 50	0 40	20 40	1 25	15 49	0 20	6 20	1 0	3 0	16 20	15 57	16 23	21 58	13 57	6 47					
M26	1 54	27 22	4 21	8 41	0 25	10 55	0 19	2 37	0 40	14 46	0 40	20 41	1 24	15 50	0 20	6 19	1 0	3 0	16 19	15 57	16 22	21 56	13 56	6 47					
T 27	2 18	26 20	4 50	8 40	0 37	11 23	0 16	2 56	0 39	14 42	0 40	20 42	1 24	15 51	0 20	6 18	1 0	2 59	16 19	15 56	16 21	21 55	13 55	6 48					
W28	2 41	24 8	5 6	8 36	0 48	11 52	0 14	3 14	0 39	14 38	0 41	20 43	1 24	15 52	0 20	6 17	1 0	2 59	16 19	15 55	16 20	21 53	13 54	6 48					
T 29	3 5	20 54	5 10	8 30	0 59	12 19	0 11	3 33	0 38	14 34	0 41	20 43	1 24	15 53	0 20	6 16	1 0	2 58	16 19	15 54	16 19	21 51	13 53	6 49					
F 30	3 28	16 48	5 0	8 22	1 9	12 47	0 8	3 51	0 38	14 31	0 41	20 44	1 24	15 54	0 20	6 16	1 0	2 57	16 19	15 52	16 18	21 49	13 52	6 49					
S 31	3n51	12n 1	4n37	8s13	1s19	13n14	0s 5	4n10	0s37	14s27	0s41	20n45	1s23	15n55	0s20	6s15	1s 0	2s57	16s19	15n50	16n17	21n47	13s51	6n50					

Julian Day Number = 2398643.5, Delta T = 10.31 sec
Ecliptic obliquity = 23°27'36", Nutation = - 0°00'11", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'04", Lahiri = 21°50'04"

ASTRODIENST EPHEMERIS for the year 1855

geocentric

APRIL 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	12 35 9	10°42'38	22°24	13°2	6°35	12°44	23°23	11°13	14°39	16°34	2°41	13°R10	14°44	13°22	28°13	S 1
M 2	12 39 6	11°41'44	4°45	13°57	7°48	13°30	23°35	11°18	14°42	16°37	2°42	13°R 5	14°41	13°28	28°15	M 2
T 3	12 43 3	12°40'49	17°17	14°55	9°2	14°16	23°47	11°23	14°45	16°39	2°43	13° 1	14°38	13°35	28°18	T 3
W 4	12 46 59	13°39'52	0°11	15°56	10°15	15° 2	23°58	11°28	14°48	16°41	2°45	12°59	14°35	13°42	28°20	W 4
T 5	12 50 56	14°38'53	12°58	17° 0	11°28	15°47	24°10	11°34	14°51	16°43	2°46	12°D58	14°32	13°49	28°22	T 5
F 6	12 54 52	15°37'52	26° 7	18° 6	12°41	16°33	24°21	11°39	14°54	16°45	2°47	12°59	14°28	13°55	28°25	F 6
S 7	12 58 49	16°36'49	9°28	19°14	13°54	17°19	24°33	11°45	14°57	16°47	2°48	13° 0	14°25	14° 2	28°27	S 7
S 8	13 2 45	17°35'45	23° 3	20°25	15° 7	18° 4	24°44	11°50	15° 1	16°49	2°50	13° 2	14°22	14° 9	28°29	S 8
M 9	13 6 42	18°34'39	6°31	21°38	16°20	18°50	24°55	11°56	15° 4	16°51	2°51	13° 3	14°19	14°16	28°31	M 9
T 10	13 10 38	19°33'31	20°52	22°53	17°33	19°35	25° 6	12° 2	15° 7	16°53	2°52	13°R 3	14°16	14°22	28°33	T 10
W11	13 14 35	20°32'21	5°55	24°10	18°46	20°21	25°17	12° 7	15°10	16°55	2°54	13° 3	14°12	14°29	28°35	W11
T 12	13 18 32	21°31'10	19°28	25°30	19°59	21° 6	25°28	12°13	15°13	16°57	2°55	13° 1	14° 9	14°36	28°36	T 12
F 13	13 22 28	22°29'57	3°57	26°51	21°11	21°52	25°39	12°19	15°17	16°59	2°57	12°59	14° 6	14°42	28°38	F 13
S 14	13 26 25	23°28'42	18°28	28°14	22°24	22°37	25°50	12°25	15°20	17° 1	2°58	12°56	14° 3	14°49	28°40	S 14
S 15	13 30 21	24°27'25	2°55	29°39	23°37	23°22	26° 0	12°31	15°23	17° 3	2°59	12°54	14° 0	14°56	28°41	S 15
M16	13 34 18	25°26'06	17°12	1°56	24°49	24° 8	26°11	12°37	15°27	17° 5	3° 1	12°52	13°57	15° 3	28°43	M16
T 17	13 38 14	26°24'46	1°14	2°35	26° 2	24°53	26°21	12°43	15°30	17° 6	3° 2	12°51	13°53	15° 9	28°44	T 17
W18	13 42 11	27°23'23	14°57	4° 5	27°14	25°38	26°32	12°50	15°33	17° 8	3° 3	12°D50	13°50	15°16	28°46	W18
T 19	13 46 7	28°21'59	28°19	5°37	28°27	26°23	26°42	12°56	15°37	17°10	3° 5	12°51	13°47	15°23	28°47	T 19
F 20	13 50 4	29°20'33	11°20	7°11	29°39	27° 8	26°52	13° 2	15°40	17°12	3° 6	12°52	13°44	15°30	28°48	F 20
S 21	13 54 1	0°19'04	24° 1	8°47	0°52	27°53	27° 2	13° 9	15°43	17°14	3° 7	12°53	13°41	15°36	28°49	S 21
S 22	13 57 57	1°17'34	6°23	10°24	2° 4	28°38	27°12	13°15	15°47	17°15	3° 9	12°54	13°38	15°43	28°50	S 22
M23	14 1 54	2°16'01	18°32	12° 3	3°16	29°23	27°22	13°22	15°50	17°17	3°10	12°55	13°34	15°50	28°51	M23
T 24	14 5 50	3°14'26	0°31	13°44	4°28	0° 8	27°31	13°28	15°53	17°19	3°12	12°R55	13°31	15°56	28°52	T 24
W25	14 9 47	4°12'49	12°25	15°27	5°40	0°53	27°41	13°35	15°57	17°21	3°13	12°55	13°28	16° 3	28°53	W25
T 26	14 13 43	5°11'10	24°19	17°11	6°52	1°38	27°50	13°42	16° 0	17°22	3°14	12°54	13°25	16°10	28°54	T 26
F 27	14 17 40	6° 9'28	6°16	18°57	8° 4	2°22	27°59	13°48	16° 4	17°24	3°16	12°54	13°22	16°17	28°55	F 27
S 28	14 21 36	7° 7'45	18°21	20°45	9°16	3° 7	28° 8	13°55	16° 7	17°26	3°17	12°53	13°18	16°23	28°55	S 28
S 29	14 25 33	8° 6'00	0°37	22°34	10°28	3°52	28°17	14° 2	16°11	17°27	3°18	12°52	13°15	16°30	28°56	S 29
M30	14 29 30	9° 4'12	13° 8	24°26	11°40	4°36	28°26	14° 9	16°14	17°29	3°20	12°52	13°12	16°37	28°56	M30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	4n15	6n43	4n 1	8s 1	1s28	13n41	0s 3	4n28	0s37	14s23	0s41	20n46	1s23	15n55	0s20	6s14	1s 0	2s56	16s18	15n48	16n16	21n45	13s50	6n50			
M 2	4 38	1 4	3 14	7 48	1 36	14 8	0n 0	4 47	0 36	14 19	0 41	20 47	1 23	15 56	0 20	6 13	1 1	2 56	16 18	15 47	16 15	21 43	13 49	6 51			
T 3	5 1	4s42	2 16	7 33	1 44	14 34	0 3	5 5	0 35	14 16	0 42	20 48	1 23	15 57	0 20	6 12	1 1	2 55	16 18	15 46	16 15	21 41	13 48	6 51			
W 4	5 24	10 24	1 10	7 16	1 52	15 0	0 6	5 23	0 35	14 12	0 42	20 49	1 23	15 58	0 20	6 12	1 1	2 55	16 18	15 45	16 14	21 39	13 47	6 52			
T 5	5 47	15 45	0 0	6 58	1 59	15 25	0 9	5 41	0 34	14 8	0 42	20 50	1 22	15 59	0 20	6 11	1 1	2 54	16 18	15 45	16 13	21 37	13 46	6 52			
F 6	6 9	20 27	1s11	6 38	2 5	15 51	0 12	6 0	0 34	14 5	0 42	20 51	1 22	16 0	0 20	6 10	1 1	2 54	16 18	15 45	16 12	21 35	13 45	6 53			
S 7	6 32	24 12	2 20	6 16	2 11	16 15	0 14	6 18	0 33	14 1	0 42	20 52	1 22	16 1	0 20	6 9	1 1	2 53	16 18	15 45	16 11	21 33	13 44	6 53			
S 8	6 55	26 39	3 22	5 53	2 16	16 40	0 17	6 36	0 33	13 57	0 42	20 53	1 22	16 2	0 20	6 8	1 1	2 53	16 18	15 46	16 10	21 31	13 43	6 54			
M 9	7 17	27 30	4 14	5 28	2 20	17 4	0 20	6 53	0 32	13 54	0 43	20 53	1 22	16 3	0 20	6 8	1 1	2 52	16 17	15 46	16 9	21 29	13 42	6 54			
T 10	7 40	26 38	4 51	5 2	2 25	17 27	0 23	7 11	0 31	13 50	0 43	20 54	1 21	16 4	0 20	6 7	1 1	2 52	16 17	15 46	16 8	21 27	13 42	6 55			
W11	8 2	24 2	5 11	4 35	2 28	17 50	0 26	7 29	0 31	13 47	0 43	20 55	1 21	16 5	0 20	6 6	1 1	2 51	16 17	15 46	16 7	21 25	13 41	6 55			
T 12	8 24	19 56	5 12	4 6	2 31	18 13	0 29	7 47	0 30	13 43	0 43	20 56	1 21	16 6	0 20	6 5	1 1	2 51	16 17	15 46	16 6	21 23	13 40	6 56			
F 13	8 46	14 37	4 54	3 36	2 34	18 35	0 32	8 4	0 30	13 40	0 43	20 57	1 21	16 7	0 20	6 5	1 1	2 50	16 17	15 45	16 5	21 21	13 39	6 57			
S 14	9 8	8 29	4 16	3 5	2 36	18 57	0 35	8 22	0 29	13 36	0 44	20 58	1 21	16 8	0 20	6 4	1 1	2 50	16 17	15 44	16 4	21 19	13 38	6 57			
S 15	9 29	1 56	3 23	2 32	2 37	19 18	0 38	8 39	0 28	13 33	0 44	20 59	1 21	16 9	0 20	6 3	1 1	2 49	16 17	15 43	16 3	21 17	13 37	6 58			
M16	9 51	4n39	2 17	1 59	2 38	19 39	0 40	8 56	0 28	13 29	0 44	21 0	1 20	16 10	0 20	6 3	1 1	2 49	16 17	15 43	16 2	21 15	13 36	6 58			
T 17	10 12	10 55	1 4	1 24	2 38	19 59	0 43	9 13	0 27	13 26	0 44	21 1	1 20	16 11	0 20	6 2	1 1	2 48	16 17	15 42	16 1	21 13	13 36	6 59			
W18	10 33	16 31	0n12	0 47	2 38	20 19	0 46	9 30	0 27	13 23	0 44	21 2	1 20	16 12	0 20	6 1	1 1	2 48	16 17	15 42	16 0	21 11	13 35	6 59			
T 19	10 54	21 11	1 25	0 10	2 37	20 38	0 49	9 47	0 26	13 19	0 45	21 3	1 20	16 13	0 20	6 0	1 1	2 47	16 17	15 42	15 59	21 9	13 34	7 0			
F 20	11 15	24 39	2 31	0n28	2 36	20 56	0 52	10 4	0 25	13 16	0 45	21 4	1 20	16 14	0 20	6 0	1 1	2 47	16 17	15 43	15 58	21 7	13 33	7 0			
S 21	11 36	26 48	3 28	1 7	2 34	21 14	0 55	10 21	0 25	13 13	0 45	21 5	1 19	16 15	0 20	5 59	1 1	2 46	16 17	15 43	15 57	21 5	13 32	7 1			
S 22	11 56	27 33	4 15	1 48	2 32	21 32	0 58	10 37	0 24	13 10	0 45	21 6	1 19	16 16	0 20	5 58	1 1	2 46	16 17	15 43	15 57	21 3	13 32	7 1			
M23	12 16	26 56	4 48	2 29	2 29	21 49	1 0	10 54	0 23	13 7	0 45	21 7	1 19	16 17	0 20	5 58	1 1	2 45	16 17	15 44	15 56	21 0	13 31	7 2			
T 24	12 36	25 5	5 9	3 11	2 26	22 5	1 3	11 10	0 23	13 4	0 46	21 8	1 19	16 18	0 20	5 57	1 1	2 45	16 17	15 44	15 55	20 58	13 30	7 3			
W25	12 56	22 9	5 16	3 54	2 22	22 21	1 6	11 27	0 22	13 0	0 46	21 9	1 19	16 19	0 20	5 57	1 1	2 44	16 17	15 44	15 54	20 56	13 30	7 3			
T 26	13 16	18 18	5 10	4 38	2 17	22 36	1 9	11 43	0 22	12 57	0 46	21 10	1 19	16 20	0 20	5 56	1 1	2 44	16 17	15 44	15 53	20 54	13 29	7 4			
F 27	13 35	13 43	4 51	5 23	2 12	22 51	1 11	11 59	0 21	12 54	0 46	21 11	1 19	16 21	0 20	5 55	1 1	2 43	16 17	15 43	15 52	20 52	13 28	7 4			
S 28	13 54	8 34	4 18	6 9	2 7	23 5	1 14	12 15	0 20	12 51	0 46	21 12	1 18	16 22	0 20	5 55	1 1	2 43	16 17	15 43	15 51	20 50	13 28	7 5			
S 29	14 13	3 1	3 33	6 55	2 1	23 18	1 16	12 30	0 20	12 48	0 47	21 13	1 18	16 23	0 20	5 54	1 1	2 42	16 17	15 43	15 50	20 48	13 27	7 5			
M30	14n32	2s46	2n37	7n42	1s55	23n30	1n19	12n46	0s19	12s46	0s47	21n14	1s18	16n24	0s20	5s53	1s 1	2s42	16s17	15n43	15n49	20n46	13s26	7n 6			

ASTRODIENST EPHEMERIS for the year 1855
geocentric

MAY 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 33 26	10♈ 2'23	25♎54	26♏19	12♐51	5♑21	28♒35	14♓16	16♈18	17♏30	3♏21	12°R52	13♈ 9	16♎43	28♈57	T 1
W 2	14 37 23	11° 0'32	8♏56	28°13	14° 3	6° 5	28°44	14°23	16°21	17°32	3°23	12°D51	13° 6	16°50	28°57	W 2
T 3	14 41 19	11°58'40	22°15	0♐10	15°14	6°49	28°52	14°30	16°24	17°33	3°24	12♈51	13° 3	16°57	28°57	T 3
F 4	14 45 16	12°56'45	5♏50	2° 8	16°26	7°34	29° 1	14°37	16°28	17°35	3°25	12°R51	12°59	17° 4	28°57	F 4
S 5	14 49 12	13°54'50	19°37	4° 8	17°37	8°18	29° 9	14°44	16°31	17°36	3°27	12°51	12°56	17°10	28°57	S 5
S 6	14 53 9	14°52'53	3♈35	6°10	18°49	9° 2	29°17	14°51	16°35	17°38	3°28	12°51	12°53	17°17	28°R57	S 6
M 7	14 57 5	15°50'54	17°41	8°13	20° 0	9°46	29°25	14°58	16°38	17°39	3°29	12°51	12°50	17°24	28°57	M 7
T 8	15 1 2	16°48'54	1♎52	10°18	21°11	10°31	29°33	15° 5	16°42	17°41	3°31	12°51	12°47	17°31	28°57	T 8
W 9	15 4 59	17°46'53	16° 6	12°24	22°22	11°15	29°40	15°12	16°45	17°42	3°32	12°D51	12°44	17°37	28°57	W 9
T 10	15 8 55	18°44'50	0♐20	14°32	23°33	11°59	29°48	15°20	16°49	17°43	3°33	12°51	12°40	17°44	28°57	T 10
F 11	15 12 52	19°42'46	14°31	16°40	24°44	12°43	29°55	15°27	16°52	17°45	3°35	12°51	12°37	17°51	28°56	F 11
S 12	15 16 48	20°40'41	28°38	18°50	25°55	13°27	0♐ 3	15°34	16°56	17°46	3°36	12°52	12°34	17°57	28°56	S 12
S 13	15 20 45	21°38'34	12♏36	21° 0	27° 6	14°11	0°10	15°42	16°59	17°47	3°37	12°52	12°31	18° 4	28°55	S 13
M14	15 24 41	22°36'27	26°25	23°11	28°17	14°54	0°17	15°49	17° 3	17°48	3°39	12°53	12°28	18°11	28°55	M14
T 15	15 28 38	23°34'18	10♈ 2	25°22	29°27	15°38	0°23	15°56	17° 6	17°50	3°40	12°R53	12°24	18°18	28°54	T 15
W16	15 32 34	24°32'07	23°24	27°33	0♐38	16°22	0°30	16° 4	17°10	17°51	3°41	12°53	12°21	18°24	28°53	W16
T 17	15 36 31	25°29'55	6♐31	29°44	1°49	17° 6	0°37	16°11	17°13	17°52	3°43	12°52	12°18	18°31	28°53	T 17
F 18	15 40 28	26°27'42	19°22	1♐55	2°59	17°49	0°43	16°19	17°17	17°53	3°44	12°51	12°15	18°38	28°52	F 18
S 19	15 44 24	27°25'28	1♐57	4° 5	4° 9	18°33	0°49	16°26	17°20	17°54	3°45	12°49	12°12	18°45	28°51	S 19
S 20	15 48 21	28°23'11	14°17	6°13	5°20	19°16	0°55	16°34	17°23	17°55	3°47	12°47	12° 9	18°51	28°50	S 20
M21	15 52 17	29°20'54	26°26	8°20	6°30	20° 0	1° 1	16°42	17°27	17°56	3°48	12°45	12° 5	18°58	28°49	M21
T 22	15 56 14	0♐18'34	8♎25	10°26	7°40	20°43	1° 7	16°49	17°30	17°57	3°49	12°43	12° 2	19° 5	28°47	T 22
W23	16 0 10	1°16'14	20°19	12°30	8°50	21°26	1°12	16°57	17°34	17°58	3°50	12°42	11°59	19°11	28°46	W23
T 24	16 4 7	2°13'51	2♐13	14°32	10° 0	22°10	1°18	17° 4	17°37	17°59	3°52	12°D41	11°56	19°18	28°45	T 24
F 25	16 8 3	3°11'27	14° 9	16°31	11°10	22°53	1°23	17°12	17°40	18° 0	3°53	12°42	11°53	19°25	28°44	F 25
S 26	16 12 0	4° 9'02	26°15	18°29	12°19	23°36	1°28	17°20	17°44	18° 1	3°54	12°43	11°50	19°32	28°42	S 26
S 27	16 15 57	5° 6'35	8♎33	20°24	13°29	24°19	1°33	17°28	17°47	18° 2	3°55	12°44	11°46	19°38	28°41	S 27
M28	16 19 53	6° 4'07	21° 8	22°16	14°38	25° 2	1°38	17°35	17°51	18° 2	3°56	12°46	11°43	19°45	28°39	M28
T 29	16 23 50	7° 1'38	4♐ 3	24° 6	15°48	25°45	1°42	17°43	17°54	18° 3	3°58	12°47	11°40	19°52	28°37	T 29
W30	16 27 46	7°59'07	17°19	25°53	16°57	26°28	1°46	17°51	17°57	18° 4	3°59	12°R47	11°37	19°58	28°36	W30
T 31	16 31 43	8♐56'36	0♐57	27♐37	18♐ 6	27♐11	1°51	17♐58	18♐ 0	18♐ 5	4° 0	12♐46	11♐34	20♐ 5	28♐34	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	14n50	8s34	1n33	8n29	1s48	23n42	1n22	13n 1	0s18	12s43	0s47	21n14	1s18	16n25	0s20	5s53
W 2	15 9	14 9	0 22	9 17	1 40	23 54	1 24	13 17	0 18	12 40	0 47	21 15	1 18	16 26	0 20	5 52
T 3	15 27	19 11	0s52	10 6	1 33	24 5	1 27	13 32	0 17	12 37	0 48	21 16	1 18	16 27	0 20	5 52
F 4	15 44	23 20	2 4	10 54	1 24	24 15	1 29	13 47	0 17	12 34	0 48	21 17	1 17	16 28	0 20	5 51
S 5	16 2	26 12	3 10	11 43	1 16	24 24	1 31	14 2	0 16	12 32	0 48	21 18	1 17	16 29	0 20	5 51
S 6	16 19	27 30	4 5	12 32	1 7	24 33	1 34	14 17	0 15	12 29	0 48	21 19	1 17	16 30	0 20	5 51
M 7	16 36	27 2	4 47	13 21	0 57	24 41	1 36	14 31	0 15	12 27	0 48	21 20	1 17	16 31	0 20	5 50
T 8	16 52	24 48	5 11	14 10	0 48	24 48	1 38	14 46	0 14	12 24	0 49	21 21	1 17	16 32	0 20	5 49
W 9	17 9	21 3	5 16	14 59	0 38	24 55	1 40	15 0	0 13	12 22	0 49	21 22	1 17	16 33	0 20	5 49
T 10	17 25	16 4	5 2	15 46	0 27	25 0	1 42	15 14	0 13	12 19	0 49	21 23	1 17	16 34	0 20	5 48
F 11	17 41	10 15	4 30	16 34	0 17	25 6	1 44	15 28	0 12	12 17	0 49	21 24	1 17	16 35	0 20	5 48
S 12	17 56	3 56	3 41	17 20	0 7	25 10	1 46	15 42	0 11	12 14	0 50	21 25	1 16	16 36	0 20	5 47
S 13	18 11	2n32	2 40	18 5	0n 4	25 14	1 48	15 56	0 11	12 12	0 50	21 26	1 16	16 37	0 20	5 47
M14	18 26	8 48	1 30	18 49	0 15	25 17	1 50	16 10	0 10	12 10	0 50	21 27	1 16	16 37	0 20	5 46
T 15	18 41	14 35	0 16	19 32	0 25	25 20	1 52	16 23	0 10	12 8	0 50	21 27	1 16	16 38	0 20	5 46
W16	18 55	19 34	0n58	20 12	0 35	25 21	1 54	16 36	0 9	12 6	0 51	21 28	1 16	16 39	0 20	5 45
T 17	19 9	23 30	2 7	20 51	0 45	25 22	1 56	16 49	0 8	12 4	0 51	21 29	1 16	16 40	0 20	5 45
F 18	19 23	26 9	3 8	21 28	0 55	25 23	1 57	17 2	0 8	12 2	0 51	21 30	1 16	16 41	0 20	5 45
S 19	19 36	27 25	3 59	22 2	1 5	25 22	1 59	17 15	0 7	12 0	0 51	21 31	1 16	16 42	0 20	5 44
S 20	19 49	27 17	4 37	22 34	1 14	25 21	2 0	17 27	0 6	11 58	0 52	21 32	1 15	16 43	0 20	5 44
M21	20 2	25 50	5 2	23 4	1 22	25 19	2 2	17 40	0 6	11 56	0 52	21 33	1 15	16 44	0 20	5 44
T 22	20 14	23 13	5 14	23 31	1 30	25 17	2 3	17 52	0 5	11 54	0 52	21 34	1 15	16 45	0 20	5 43
W23	20 26	19 39	5 12	23 55	1 37	25 14	2 4	18 4	0 4	11 52	0 52	21 34	1 15	16 46	0 20	5 43
T 24	20 38	15 19	4 57	24 17	1 44	25 10	2 5	18 16	0 4	11 51	0 53	21 35	1 15	16 47	0 20	5 43
F 25	20 49	10 22	4 29	24 36	1 50	25 5	2 6	18 28	0 3	11 49	0 53	21 36	1 15	16 48	0 20	5 42
S 26	21 0	4 59	3 49	24 52	1 55	25 0	2 7	18 39	0 2	11 47	0 53	21 37	1 15	16 49	0 20	5 42
S 27	21 10	0s41	2 57	25 6	1 59	24 54	2 8	18 50	0 2	11 46	0 53	21 38	1 15	16 50	0 20	5 42
M28	21 20	6 27	1 56	25 17	2 3	24 48	2 9	19 1	0 1	11 44	0 54	21 39	1 15	16 51	0 20	5 41
T 29	21 30	12 8	0 48	25 25	2 6	24 40	2 10	19 12	0 0	11 43	0 54	21 39	1 14	16 52	0 20	5 41
W30	21 40	17 25	0s25	25 32	2 8	24 32	2 10	19 23	0n 0	11 42	0 54	21 40	1 14	16 53	0 20	5 41
T 31	21n49	21s58	1s38	25n36	2n 9	24n24	2n11	19n34	0n 1	11s41	0s54	21n41	1s14	16n54	0s20	5s41

Julian Day Number = 2398704.5, Delta T = 10.29 sec
Ecliptic obliquity = 23°27'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'12, Lahiri = 21°50'13

ASTRODIENST EPHEMERIS for the year 1855

geocentric

JUNE 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 35 39	9II54'03	14♂56	29II19	19♂15	27♂54	1♂55	18II 6	18♂ 4	18♂ 5	4♂ 1	12°R44	11♂30	20♂12	28°R32	F 1
S 2	16 39 36	10°51'29	29°10	0♂58	20°24	28°37	1°58	18°14	18° 7	18° 6	4° 2	12♂40	11°27	20°19	28♂30	S 2
S 3	16 43 32	11°48'55	13♂37	2°34	21°33	29°20	2° 2	18°22	18°10	18° 7	4° 3	12°36	11°24	20°25	28°28	S 3
M 4	16 47 29	12°46'20	28° 8	4° 7	22°42	0II 2	2° 6	18°30	18°14	18° 7	4° 4	12°32	11°21	20°32	28°26	M 4
T 5	16 51 26	13°43'44	12♂40	5°37	23°50	0°45	2° 9	18°37	18°17	18° 8	4° 6	12°29	11°18	20°39	28°24	T 5
W 6	16 55 22	14°41'07	27° 5	7° 4	24°59	1°28	2°12	18°45	18°20	18° 8	4° 7	12°26	11°15	20°46	28°22	W 6
T 7	16 59 19	15°38'30	11♂21	8°29	26° 7	2°10	2°15	18°53	18°23	18° 9	4° 8	12°D25	11°11	20°52	28°20	T 7
F 8	17 3 15	16°35'52	25°25	9°50	27°15	2°53	2°18	19° 1	18°26	18° 9	4° 9	12°25	11° 8	20°59	28°17	F 8
S 9	17 7 12	17°33'13	9♂16	11° 9	28°23	3°35	2°20	19° 9	18°29	18°10	4°10	12°26	11° 5	21° 6	28°15	S 9
S 10	17 11 8	18°30'35	22°54	12°24	29°31	4°17	2°23	19°16	18°33	18°10	4°11	12°28	11° 2	21°12	28°13	S 10
M 11	17 15 5	19°27'55	6♂18	13°36	0♂39	5° 0	2°25	19°24	18°36	18°10	4°12	12°R29	10°59	21°19	28°10	M 11
T 12	17 19 1	20°25'16	19°30	14°45	1°47	5°42	2°27	19°32	18°39	18°11	4°13	12°29	10°56	21°26	28° 8	T 12
W 13	17 22 58	21°22'36	2II30	15°51	2°54	6°24	2°29	19°40	18°42	18°11	4°14	12°27	10°52	21°33	28° 5	W 13
T 14	17 26 55	22°19'55	15°17	16°54	4° 2	7° 6	2°30	19°48	18°45	18°11	4°15	12°23	10°49	21°39	28° 3	T 14
F 15	17 30 51	23°17'14	27°53	17°53	5° 9	7°49	2°32	19°56	18°48	18°11	4°16	12°18	10°46	21°46	28° 0	F 15
S 16	17 34 48	24°14'32	10♂17	18°49	6°16	8°31	2°33	20° 3	18°51	18°12	4°17	12°11	10°43	21°53	27°57	S 16
S 17	17 38 44	25°11'49	22°30	19°41	7°23	9°13	2°34	20°11	18°54	18°12	4°18	12° 3	10°40	21°59	27°55	S 17
M 18	17 42 41	26° 9'06	4♂35	20°29	8°30	9°55	2°35	20°19	18°57	18°12	4°19	11°56	10°36	22° 6	27°52	M 18
T 19	17 46 37	27° 6'23	16°32	21°14	9°37	10°36	2°36	20°27	19° 0	18°12	4°20	11°49	10°33	22°13	27°49	T 19
W 20	17 50 34	28° 3'38	28°24	21°55	10°43	11°18	2°36	20°35	19° 3	18°12	4°21	11°43	10°30	22°20	27°46	W 20
T 21	17 54 31	29° 0'53	10♂16	22°32	11°50	12° 0	2°36	20°42	19° 6	18°R12	4°21	11°39	10°27	22°26	27°43	T 21
F 22	17 58 27	29°58'07	22°11	23° 5	12°56	12°42	2°R36	20°50	19° 8	18°12	4°22	11°37	10°24	22°33	27°40	F 22
S 23	18 2 24	0♂55'21	4♂14	23°34	14° 2	13°24	2°36	20°58	19°11	18°12	4°23	11°D37	10°21	22°40	27°37	S 23
S 24	18 6 20	1°52'34	16°30	23°58	15° 8	14° 5	2°36	21° 6	19°14	18°12	4°24	11°38	10°17	22°47	27°34	S 24
M 25	18 10 17	2°49'46	29° 5	24°18	16°13	14°47	2°35	21°13	19°17	18°12	4°25	11°39	10°14	22°53	27°31	M 25
T 26	18 14 13	3°46'58	12♂ 1	24°33	17°19	15°28	2°35	21°21	19°19	18°12	4°26	11°R39	10°11	23° 0	27°28	T 26
W 27	18 18 10	4°44'09	25°23	24°44	18°24	16°10	2°34	21°29	19°22	18°12	4°26	11°38	10° 8	23° 7	27°25	W 27
T 28	18 22 6	5°41'21	9♂12	24°51	19°29	16°51	2°33	21°36	19°25	18°11	4°27	11°35	10° 5	23°13	27°22	T 28
F 29	18 26 3	6°38'32	23°26	24°R52	20°34	17°33	2°32	21°44	19°27	18°11	4°28	11°30	10° 2	23°20	27°19	F 29
S 30	18 30 0	7♂35'42	8♂ 2	24♂49	21♂38	18II14	2♂30	21II52	19♂30	18♂11	4♂29	11♂23	9♂58	23♂27	27♂15	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	21n57	25s22	2s47	25n37	2n10	24n15	2n11	19n44	0n 1	11s39	0s55	21n42	1s14	16n55	0s20	5s40	1s 3	2s32	16s20	15n40	15n18	19n35	13s15	7n22	
S 2	22 6	27 14	3 47	25 37	2 10	24 5	2 12	19 54	0 2	11 38	0 55	21 42	1 14	16 56	0 20	5 40	1 3	2 32	16 20	15 39	15 17	19 33	13 15	7 23	
S 3	22 13	27 18	4 33	25 35	2 9	23 54	2 12	20 4	0 3	11 37	0 55	21 43	1 14	16 57	0 20	5 40	1 3	2 32	16 20	15 38	15 16	19 30	13 15	7 23	
M 4	22 21	25 29	5 2	25 31	2 7	23 43	2 12	20 14	0 3	11 36	0 56	21 44	1 14	16 57	0 20	5 40	1 3	2 31	16 20	15 37	15 15	19 28	13 15	7 24	
T 5	22 28	22 0	5 12	25 25	2 4	23 32	2 12	20 23	0 4	11 35	0 56	21 45	1 14	16 58	0 20	5 40	1 3	2 31	16 20	15 36	15 14	19 26	13 15	7 24	
W 6	22 35	17 13	5 2	25 17	2 1	23 19	2 12	20 33	0 5	11 34	0 56	21 45	1 14	16 59	0 20	5 39	1 3	2 31	16 21	15 35	15 13	19 23	13 15	7 25	
T 7	22 41	11 31	4 33	25 8	1 57	23 6	2 12	20 42	0 5	11 34	0 56	21 46	1 14	17 0	0 20	5 39	1 3	2 31	16 21	15 35	15 12	19 21	13 15	7 25	
F 8	22 47	5 19	3 49	24 58	1 52	22 53	2 12	20 51	0 6	11 33	0 57	21 47	1 14	17 1	0 20	5 39	1 3	2 31	16 21	15 35	15 11	19 19	13 15	7 25	
S 9	22 53	1n 3	2 51	24 46	1 47	22 39	2 11	21 0	0 7	11 32	0 57	21 48	1 14	17 2	0 20	5 39	1 3	2 31	16 21	15 35	15 10	19 16	13 15	7 26	
S 10	22 58	7 17	1 45	24 33	1 40	22 24	2 11	21 8	0 7	11 32	0 57	21 48	1 13	17 3	0 20	5 39	1 3	2 30	16 22	15 35	15 9	19 14	13 15	7 26	
M 11	23 2 13	6 0	0 34	24 19	1 33	22 9	2 10	21 17	0 8	11 31	0 58	21 49	1 13	17 4	0 20	5 39	1 3	2 30	16 22	15 36	15 8	19 12	13 15	7 27	
T 12	23 7 18	14	0n38	24 4	1 26	21 53	2 10	21 25	0 9	11 31	0 58	21 50	1 13	17 4	0 20	5 39	1 3	2 30	16 22	15 36	15 7	19 9	13 15	7 27	
W 13	23 11	22 25	1 47	23 48	1 17	21 37	2 9	21 33	0 9	11 30	0 58	21 50	1 13	17 5	0 20	5 39	1 3	2 30	16 22	15 35	15 6	19 7	13 15	7 27	
T 14	23 14	25 26	2 48	23 31	1 8	21 20	2 8	21 41	0 10	11 30	0 58	21 51	1 13	17 6	0 20	5 39	1 3	2 30	16 22	15 34	15 5	19 5	13 15	7 28	
F 15	23 17	27 7	3 41	23 14	0 58	21 3	2 7	21 48	0 11	11 30	0 59	21 52	1 13	17 7	0 20	5 39	1 3	2 30	16 23	15 32	15 4	19 2	13 15	7 28	
S 16	23 20	27 25	4 22	22 56	0 48	20 45	2 6	21 56	0 11	11 29	0 59	21 52	1 13	17 8	0 20	5 39	1 3	2 30	16 23	15 30	15 3	19 0	13 16	7 28	
S 17	23 22	26 21	4 50	22 37	0 37	20 27	2 5	22 3	0 12	11 29	0 59	21 53	1 13	17 9	0 20	5 39	1 3	2 30	16 23	15 28	15 2	18 57	13 16	7 29	
M 18	23 24	24 4	5 5	22 19	0 25	20 8	2 3	22 10	0 12	11 29	0 59	21 54	1 13	17 9	0 20	5 39	1 3	2 30	16 23	15 26	15 1	18 55	13 16	7 29	
T 19	23 26	20 46	5 7	22 0	0 13	19 49	2 2	22 16	0 13	11 29	1 0	21 54	1 13	17 10	0 20	5 39	1 3	2 30	16 24	15 23	15 0	18 53	13 16	7 29	
W 20	23 27	16 39	4 55	21 41	0 0	19 29	2 0	22 23	0 14	11 29	1 0	21 55	1 13	17 11	0 20	5 39	1 3	2 30	16 24	15 22	14 59	18 50	13 16	7 30	
T 21	23 27	11 54	4 31	21 21	0s13	19 9	1 59	22 29	0 14	11 30	1 0	21 55	1 13	17 12	0 20	5 39	1 4	2 30	16 24	15 20	14 58	18 48	13 17	7 30	
F 22	23 28	6 41	3 54	21 2	0 27	18 49	1 57	22 35	0 15	11 30	1 1	21 56	1 13	17 12	0 20	5 39	1 4	2 30	16 24	15 20	14 57	18 45	13 17	7 30	
S 23	23 27	1 11	3 7	20 43	0 41	18 28	1 55	22 41	0 16	11 30	1 1	21 57	1 13	17 13	0 20	5 39	1 4	2 30	16 25	15 20	14 56	18 43	13 17	7 30	
S 24	23 27	4s29	2 11	20 25	0 56	18 6	1 53	22 47	0 16	11 30	1 1	21 57	1 13	17 14	0 20	5 39	1 4	2 30	16 25	15 20	14 55	18 41	13 18	7 31	
M 25	23 26	10 7	1 7	20 6	1 11	17 45	1 51	22 52	0 17	11 31	1 1	21 58	1 12	17 15	0 20	5 39	1 4	2 30	16 25	15 20	14 54	18 38	13 18	7 31	
T 26	23 24	15 29	0s 2	19 48	1 27	17 23	1 48	22 58	0 18	11 31	1 2	21 58	1 12	17 15	0 20	5 39	1 4	2 30	16 25	15 21	14 53	18 36	13 18	7 31	
W 27	23 23	20 18	1 13	19 31	1 42	17 0	1 46	23 3	0 18	11 32	1 2	21 59	1 12	17 16	0 20	5 39	1 4	2 30	16 26	15 20	14 52	18 33	13 19	7 31	
T 28	23 20	24 11	2 22	19 14	1 58	16 37	1 43	23 7	0 19	11 33	1 2	21 59	1 12	17 17	0 20	5 39	1 4	2 30	16 26	15 19	14 51	18 31	13 19	7 32	
F 29	23 18	26 42	3 24	18 59	2 14	16 14	1 41	23 12	0 19	11 33	1 3	22 0	1 12	17 18	0 20	5 39	1 4	2 30	16 26	15 18	14 50	18 28	13 19	7 32	
S 30	23n15	27s27	4s15	18n44	2s30	15s51	1n38	23n16	0n20	11s34	1s 3	22n 0	1s12	17n18	0s20	5s39	1s 4	2s30	16s27	15n16	14n49	18n26	13s20	7n32	

ASTRODIENST EPHEMERIS for the year 1855

geocentric

JULY 1855

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	18 33 56	8°32'53	22°53	24°R42	22°L43	18°II55	2°R28	21°II59	19°832	18°R11	4°829	11°R15	9°855	23°L34	27°R12	S 1
M 2	18 37 53	9°30'04	7°51	24°30	23°47	19°36	2°H27	22° 7	19°35	18°H10	4°30	11°8 7	9°52	23°40	27°9	M 2
T 3	18 41 49	10°27'15	22°45	24°13	24°51	20°18	2°25	22°14	19°38	18°10	4°31	10°59	9°49	23°47	27° 5	T 3
W 4	18 45 46	11°24'25	7°H30	23°53	25°54	20°59	2°22	22°22	19°40	18°10	4°31	10°53	9°46	23°54	27° 2	W 4
T 5	18 49 42	12°21'37	21°57	23°28	26°58	21°40	2°20	22°30	19°42	18° 9	4°32	10°49	9°42	24° 0	26°59	T 5
F 6	18 53 39	13°18'48	6°Y 4	23° 0	28° 1	22°21	2°17	22°37	19°45	18° 9	4°33	10°47	9°39	24° 7	26°55	F 6
S 7	18 57 35	14°16'00	19°51	22°29	29° 4	23° 2	2°15	22°44	19°47	18° 8	4°33	10°D47	9°36	24°14	26°52	S 7
S 8	19 1 32	15°13'12	3°818	21°55	0°M 7	23°43	2°12	22°52	19°49	18° 8	4°34	10°48	9°33	24°21	26°49	S 8
M 9	19 5 29	16°10'25	16°27	21°19	1° 9	24°23	2° 9	22°59	19°52	18° 7	4°34	10°R48	9°30	24°27	26°45	M 9
T 10	19 9 25	17° 7'38	29°21	20°42	2°11	25° 4	2° 5	23° 7	19°54	18° 7	4°35	10°46	9°27	24°34	26°42	T 10
W11	19 13 22	18° 4'52	12°II 2	20° 3	3°13	25°45	2° 2	23°14	19°56	18° 6	4°35	10°42	9°23	24°41	26°38	W11
T 12	19 17 18	19° 2'06	24°32	19°24	4°15	26°26	1°58	23°21	19°58	18° 5	4°36	10°36	9°20	24°47	26°35	T 12
F 13	19 21 15	19°59'21	6°52	18°45	5°16	27° 6	1°54	23°29	20° 0	18° 5	4°36	10°27	9°17	24°54	26°31	F 13
S 14	19 25 11	20°56'36	19° 4	18° 7	6°17	27°47	1°50	23°36	20° 3	18° 4	4°37	10°15	9°14	25° 1	26°28	S 14
S 15	19 29 8	21°53'51	1°L 9	17°31	7°18	28°28	1°46	23°43	20° 5	18° 3	4°37	10° 3	9°11	25° 8	26°24	S 15
M16	19 33 4	22°51'07	13° 7	16°57	8°18	29° 8	1°42	23°50	20° 7	18° 3	4°38	9°50	9° 8	25°14	26°21	M16
T 17	19 37 1	23°48'23	25° 1	16°26	9°18	29°49	1°37	23°58	20° 9	18° 2	4°38	9°38	9° 4	25°21	26°17	T 17
W18	19 40 58	24°45'39	6°M 51	15°59	10°18	0°29	1°32	24° 5	20°10	18° 1	4°38	9°28	9° 1	25°28	26°14	W18
T 19	19 44 54	25°42'56	18°42	15°36	11°17	1° 9	1°27	24°12	20°12	18° 0	4°39	9°20	8°58	25°35	26°10	T 19
F 20	19 48 51	26°40'12	0°L36	15°17	12°16	1°50	1°22	24°19	20°14	17°59	4°39	9°15	8°55	25°41	26° 6	F 20
S 21	19 52 47	27°37'30	12°37	15° 3	13°14	2°30	1°17	24°26	20°16	17°58	4°40	9°13	8°52	25°48	26° 3	S 21
S 22	19 56 44	28°34'47	24°50	14°54	14°12	3°10	1°12	24°33	20°18	17°58	4°40	9°D12	8°48	25°55	25°59	S 22
M23	20 0 40	29°32'05	7°M21	14°D51	15°10	3°50	1° 6	24°40	20°19	17°57	4°40	9°R12	8°45	26° 1	25°56	M23
T 24	20 4 37	0°L29'23	20°14	14°53	16° 7	4°30	1° 1	24°47	20°21	17°56	4°40	9°12	8°42	26° 8	25°52	T 24
W25	20 8 33	1°26'42	3°L34	15° 1	17° 4	5°10	0°55	24°53	20°23	17°55	4°41	9°10	8°39	26°15	25°49	W25
T 26	20 12 30	2°24'01	17°23	15°16	18° 1	5°50	0°49	25° 0	20°24	17°54	4°41	9° 6	8°36	26°22	25°45	T 26
F 27	20 16 27	3°21'20	1°L41	15°36	18°57	6°30	0°43	25° 7	20°26	17°53	4°41	9° 0	8°33	26°28	25°42	F 27
S 28	20 20 23	4°18'41	16°25	16° 3	19°52	7°10	0°37	25°14	20°27	17°51	4°41	8°51	8°29	26°35	25°38	S 28
S 29	20 24 20	5°16'02	1°L30	16°35	20°47	7°50	0°30	25°20	20°29	17°50	4°41	8°40	8°26	26°42	25°35	S 29
M30	20 28 16	6°13'23	16°44	17°14	21°41	8°30	0°24	25°27	20°30	17°49	4°41	8°30	8°23	26°48	25°31	M30
T 31	20 32 13	7°L10'46	1°H58	17°59	22°M35	9°210	0°H18	25°II33	20°832	17°H48	4°842	8°820	8°820	26°L55	25°28	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
S 1	23n11	26s16	4s49	18n30	2s45	15n27	1n35	23n21	0n21	11s35	1s 3	22n 1	1s12	17n19	0s20	5s40	1s 4	2s30	16s27	15n13	14n48	18n24	13s20	7n32	
M 2	23 7	23 13	5 4	18 16	3 1	15 3	1 32	23 24	0 21	11 36	1 3	22 1	1 12	17 20	0 20	5 40	1 4	2 30	16 27	15 10	14 47	18 21	13 21	7 33	
T 3	23 3	18 38	4 58	18 5	3 16	14 38	1 29	23 28	0 22	11 37	1 4	22 2	1 12	17 20	0 20	5 40	1 4	2 30	16 27	15 8	14 46	18 19	13 21	7 33	
W 4	22 58	12 59	4 32	17 54	3 30	14 14	1 25	23 32	0 23	11 38	1 4	22 2	1 12	17 21	0 20	5 40	1 4	2 30	16 28	15 6	14 45	18 16	13 21	7 33	
T 5	22 53	6 43	3 50	17 44	3 44	13 49	1 22	23 35	0 23	11 39	1 4	22 3	1 12	17 22	0 20	5 40	1 4	2 30	16 28	15 5	14 44	18 14	13 22	7 33	
F 6	22 48	0 15	2 54	17 36	3 57	13 24	1 18	23 38	0 24	11 40	1 5	22 3	1 12	17 22	0 20	5 41	1 4	2 30	16 28	15 4	14 43	18 11	13 22	7 33	
S 7	22 42	6n 5	1 49	17 30	4 9	12 58	1 14	23 41	0 25	11 42	1 5	22 4	1 12	17 23	0 20	5 41	1 4	2 30	16 29	15 4	14 42	18 9	13 23	7 33	
S 8	22 35	12 0	0 40	17 24	4 20	12 33	1 11	23 44	0 25	11 43	1 5	22 4	1 12	17 24	0 20	5 41	1 4	2 30	16 29	15 5	14 41	18 6	13 23	7 34	
M 9	22 29	17 15	0n30	17 20	4 29	12 7	1 7	23 46	0 26	11 44	1 5	22 5	1 12	17 24	0 20	5 41	1 4	2 30	16 29	15 5	14 40	18 4	13 24	7 34	
T 10	22 22	21 36	1 37	17 18	4 37	11 41	1 3	23 49	0 26	11 46	1 6	22 5	1 12	17 25	0 20	5 41	1 4	2 30	16 29	15 4	14 39	18 1	13 24	7 34	
W11	22 14	24 52	2 38	17 17	4 44	11 14	0 58	23 51	0 27	11 47	1 6	22 5	1 12	17 25	0 20	5 42	1 4	2 31	16 30	15 3	14 38	17 59	13 25	7 34	
T 12	22 6	26 51	3 30	17 17	4 49	10 48	0 54	23 52	0 28	11 49	1 6	22 6	1 12	17 26	0 20	5 42	1 4	2 31	16 30	15 1	14 37	17 56	13 25	7 34	
F 13	21 58	27 28	4 12	17 19	4 53	10 21	0 49	23 54	0 28	11 50	1 6	22 6	1 12	17 26	0 20	5 42	1 4	2 31	16 30	14 58	14 36	17 54	13 26	7 34	
S 14	21 50	26 44	4 41	17 22	4 55	9 54	0 45	23 55	0 29	11 52	1 7	22 7	1 12	17 27	0 20	5 43	1 4	2 31	16 31	14 54	14 35	17 51	13 27	7 34	
S 15	21 41	24 45	4 57	17 26	4 55	9 28	0 40	23 57	0 30	11 54	1 7	22 7	1 12	17 28	0 20	5 43	1 5	2 31	16 31	14 51	14 34	17 49	13 27	7 34	
M16	21 31	21 41	5 0	17 32	4 53	9 0	0 35	23 58	0 31	11 56	1 7	22 7	1 12	17 28	0 20	5 43	1 5	2 31	16 31	14 46	14 33	17 46	13 28	7 34	
T 17	21 22	17 45	4 50	17 39	4 50	8 33	0 30	23 58	0 31	11 58	1 7	22 8	1 12	17 29	0 20	5 44	1 5	2 31	16 32	14 43	14 32	17 44	13 28	7 34	
W18	21 12	13 8	4 28	17 47	4 45	8 6	0 25	23 59	0 31	11 59	1 8	22 8	1 12	17 29	0 20	5 44	1 5	2 32	16 32	14 39	14 31	17 41	13 29	7 34	
T 19	21 1	8 3	3 54	17 55	4 39	7 39	0 20	23 59	0 32	12 1	1 8	22 8	1 12	17 30	0 20	5 44	1 5	2 32	16 32	14 37	14 30	17 39	13 30	7 34	
F 20	20 50	2 39	3 9	18 5	4 32	7 11	0 14	24 0	0 33	12 3	1 8	22 9	1 12	17 30	0 20	5 45	1 5	2 32	16 33	14 35	14 29	17 36	13 30	7 34	
S 21	20 39	2s54	2 16	18 16	4 23	6 43	0 9	23 59	0 33	12 6	1 8	22 9	1 12	17 31	0 20	5 45	1 5	2 32	16 33	14 35	14 28	17 33	13 31	7 34	
S 22	20 28	8 28	1 15	18 26	4 13	6 16	0 3	23 59	0 34	12 8	1 9	22 9	1 12	17 31	0 20	5 45	1 5	2 32	16 33	14 34	14 27	17 31	13 32	7 34	
M23	20 16	13 49	0 10	18 38	4 1	5 48	0s 3	23 59	0 35	12 10	1 9	22 10	1 12	17 31	0 20	5 46	1 5	2 33	16 34	14 34	14 26	17 28	13 32	7 34	
T 24	20 4	18 45	0s58	18 50	3 49	5 20	0 9	23 58	0 35	12 12	1 9	22 10	1 12	17 32	0 20	5 46	1 5	2 33	16 34	14 34	14 25	17 26	13 33	7 34	
W25	19 51	22 56	2 5	19 2	3 36	4 53	0 15	23 57	0 36	12 14	1 9	22 10	1 12	17 32	0 20	5 47	1 5	2 33	16 34	14 34	14 24	17 23	13 34	7 34	
T 26	19 38	25 58	3 7	19 14	3 23	4 25	0 21	23 56	0 36	12 17	1 10	22 10	1 12	17 33	0 20	5 47	1 5	2 33	16 35	14 32	14 23	17 21	13 34	7 34	
F 27	19 25	27 26	3 59	19 26	3 8	3 57	0 28	23 55	0 37	12 19	1 10	22 11	1 12	17 33	0 20	5 48	1 5	2 34	16 35	14 30	14 22	17 18	13 35	7 34	
S 28	19 12	27 3	4 38	19 37	2 54	3 30	0 34	23 53	0 38	12 21	1 10	22 11	1 12	17 34	0 20	5 48	1 5	2 34	16 35	14 28	14 21	17 16	13 36	7 34	
S 29	18 58	24 41	4 58	19 48	2 38	3 2	0 41	23 52	0 38	12 24	1 10	22 11	1 12	17 34	0 20	5 48	1 5	2 34	16 36	14 24	14 21	17 13	13 36	7 34	
M30	18 44	20 33	4 57	19 59	2 23	2 34	0 48	23 50	0 39	12 26	1 11	22 11	1 12	17 34	0 20	5 49	1 5	2 34	16 36	14 24	14 19	17 10	13 37	7 34	
T 31	18n30	15s 4	4s35	20n 9	2s 8	2n 7	0s55	23n48	0n39	12s29	1s11	22n12	1s12	17n35	0s20	5s49	1s 5	2s35	16s36	14n18	14n18	17n 8	13s38	7n33	

ASTRODIENST EPHEMERIS for the year 1855
geocentric

AUGUST 1855

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 36 9	8°09'	17°00'	18°50'	23°28'	9°49'	0°11'	25°40'	20°33'	17°47'	4°42'	8°12'	8°17'	27°02'	25°25'	W 1
T 2	20 40 6	9° 5'34	17°43'	19°47'	24°21'	10°29'	0°11'	25°46'	20°34'	17°46'	4°42'	8° 6'	8°14'	27° 9'	25°21'	T 2
F 3	20 44 2	10° 3'00	16° 1'	20°49'	25°13'	11° 9'	29°57'	25°53'	20°35'	17°45'	4°42'	8° 3'	8°10'	27°15'	25°18'	F 3
S 4	20 47 59	11° 0'27	29°53'	21°57'	26° 5'	11°48'	29°50'	25°59'	20°36'	17°43'	4°42'	8° 2'	8° 7'	27°22'	25°15'	S 4
S 5	20 51 56	11°57'55	13°19'	23°11'	26°55'	12°28'	29°43'	26° 5'	20°38'	17°42'	4°42'	8° 2'	8° 4'	27°29'	25°11'	S 5
M 6	20 55 52	12°55'25	26°23'	24°30'	27°46'	13° 7'	29°36'	26°12'	20°39'	17°41'	4°42'	8° 2'	8° 1'	27°35'	25° 8'	M 6
T 7	20 59 49	13°52'56	9°11'	25°55'	28°35'	13°47'	29°29'	26°18'	20°40'	17°40'	4°42'	8° 0'	7°58'	27°42'	25° 5'	T 7
W 8	21 3 45	14°50'28	21°38'	27°24'	29°24'	14°26'	29°21'	26°24'	20°41'	17°38'	4°42'	7°56'	7°54'	27°49'	25° 1'	W 8
T 9	21 7 42	15°48'07	3°56'	28°57'	0°12'	15° 5'	29°14'	26°30'	20°42'	17°37'	4°42'	7°49'	7°51'	27°56'	24°58'	T 9
F 10	21 11 38	16°45'37	16° 5'	0°13'35	0°59'	15°44'	29° 6'	26°36'	20°42'	17°36'	4°42'	7°39'	7°48'	28° 2'	24°55'	F 10
S 11	21 15 35	17°43'13	28° 7'	2°17'	1°46'	16°24'	28°59'	26°42'	20°43'	17°34'	4°41'	7°27'	7°45'	28° 9'	24°52'	S 11
S 12	21 19 32	18°40'51	10°05'	4° 3'	2°31'	17° 3'	28°51'	26°48'	20°44'	17°33'	4°41'	7°13'	7°42'	28°16'	24°49'	S 12
M13	21 23 28	19°38'30	21°58'	5°52'	3°16'	17°42'	28°44'	26°53'	20°45'	17°31'	4°41'	7° 0'	7°39'	28°22'	24°46'	M13
T 14	21 27 25	20°36'10	3°19'	7°43'	4° 0'	18°21'	28°36'	26°59'	20°45'	17°30'	4°41'	6°47'	7°35'	28°29'	24°43'	T 14
W15	21 31 21	21°33'51	15°40'	9°37'	4°43'	19° 0'	28°28'	27° 5'	20°46'	17°29'	4°41'	6°36'	7°32'	28°36'	24°40'	W15
T 16	21 35 18	22°31'33	27°32'	11°33'	5°25'	19°39'	28°20'	27°10'	20°47'	17°27'	4°41'	6°28'	7°29'	28°43'	24°37'	T 16
F 17	21 39 14	23°29'17	9°28'	13°31'	6° 6'	20°18'	28°13'	27°16'	20°47'	17°26'	4°40'	6°22'	7°26'	28°49'	24°34'	F 17
S 18	21 43 11	24°27'02	21°31'	15°30'	6°46'	20°57'	28° 5'	27°21'	20°48'	17°24'	4°40'	6°19'	7°23'	28°56'	24°31'	S 18
S 19	21 47 7	25°24'47	3°14'	17°29'	7°25'	21°36'	27°57'	27°27'	20°48'	17°23'	4°40'	6°D18	7°19'	29° 3'	24°28'	S 19
M20	21 51 4	26°22'35	16°14'	19°30'	8° 3'	22°14'	27°49'	27°32'	20°49'	17°21'	4°39'	6°18'	7°16'	29° 9'	24°26'	M20
T 21	21 55 0	27°20'23	29° 4'	21°30'	8°39'	22°53'	27°41'	27°37'	20°49'	17°20'	4°39'	6°R18	7°13'	29°16'	24°23'	T 21
W22	21 58 57	28°18'12	12°18'	23°31'	9°15'	23°32'	27°33'	27°42'	20°49'	17°18'	4°39'	6°18'	7°10'	29°23'	24°20'	W22
T 23	22 2 54	29°16'03	26° 0'	25°31'	9°49'	24°10'	27°25'	27°47'	20°49'	17°17'	4°38'	6°15'	7° 7'	29°30'	24°18'	T 23
F 24	22 6 50	0°13'55	10°31'	27°31'	10°22'	24°49'	27°17'	27°52'	20°50'	17°15'	4°38'	6°10'	7° 4'	29°36'	24°15'	F 24
S 25	22 10 47	1°11'48	24°50'	29°30'	10°53'	25°27'	27°10'	27°57'	20°50'	17°13'	4°38'	6° 3'	7° 0'	29°43'	24°12'	S 25
S 26	22 14 43	2° 9'42	9°52'	1°19'28	11°23'	26° 6'	27° 2'	28° 2'	20°50'	17°12'	4°37'	5°54'	6°57'	29°50'	24°10'	S 26
M27	22 18 40	3° 7'38	25° 8'	3°26'	11°51'	26°44'	26°54'	28° 7'	20°R50	17°10'	4°37'	5°45'	6°54'	29°56'	24° 8'	M27
T 28	22 22 36	4° 5'35	10°12'27	5°22'	12°18'	27°23'	26°46'	28°11'	20°50'	17° 9'	4°36'	5°36'	6°51'	0°19'3	24° 5'	T 28
W29	22 26 33	5° 3'34	25°39'	7°18'	12°44'	28° 1'	26°38'	28°16'	20°50'	17° 7'	4°36'	5°29'	6°48'	0°10'	24° 3'	W29
T 30	22 30 29	6° 1'35	10°17'33	9°12'	13° 7'	28°39'	26°31'	28°20'	20°50'	17° 6'	4°35'	5°24'	6°45'	0°17'	24° 1'	T 30
F 31	22 34 26	6°19'59'37	25°19'2	11°19'6	13°19'29	29°19'17	26°19'23	28°19'25	20°50'49	17°19'4	4°35'35	5°22'22	6°41'41	0°19'23	23°19'58	F 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
W 1	18n15	8s44	3s55	20n17	1s52	1n39	1s 2	23n46	0n40	12s31	1s11	22n12	1s12	17n35	0s20	5s50
T 2	18 0	2 3	2 59	20 25	1 36	1 12	1 9	23 43	0 41	12 34	1 11	22 12	1 12	17 35	0 20	5 50
F 3	17 45	4n34	1 53	20 31	1 21	0 44	1 16	23 41	0 41	12 37	1 11	22 12	1 12	17 36	0 20	5 51
S 4	17 29	10 46	0 43	20 36	1 5	0 17	1 24	23 38	0 42	12 39	1 12	22 12	1 12	17 36	0 20	5 51
S 5	17 13	16 18	0n28	20 38	0 50	0s10	1 31	23 35	0 42	12 42	1 12	22 12	1 12	17 36	0 20	5 52
M 6	16 57	20 54	1 35	20 39	0 36	0 37	1 39	23 32	0 43	12 45	1 12	22 13	1 12	17 36	0 20	5 53
T 7	16 41	24 25	2 36	20 38	0 21	1 4	1 47	23 28	0 44	12 47	1 12	22 13	1 12	17 37	0 20	5 52
W 8	16 24	26 40	3 28	20 34	0 8	1 31	1 55	23 25	0 44	12 50	1 12	22 13	1 12	17 37	0 20	5 54
T 9	16 7	27 34	4 10	20 28	0n 5	1 57	2 3	23 21	0 45	12 53	1 12	22 13	1 12	17 37	0 20	5 54
F 10	15 50	27 7	4 39	20 20	0 18	2 24	2 11	23 17	0 46	12 56	1 13	22 13	1 12	17 37	0 20	5 55
S 11	15 32	25 23	4 56	20 9	0 30	2 50	2 19	23 13	0 46	12 58	1 13	22 13	1 12	17 38	0 20	5 55
S 12	15 14	22 32	5 0	19 55	0 41	3 16	2 28	23 9	0 47	13 1	1 13	22 14	1 12	17 38	0 20	5 56
M13	14 56	18 46	4 50	19 39	0 51	3 41	2 36	23 4	0 47	13 4	1 13	22 14	1 12	17 38	0 20	5 56
T 14	14 38	14 16	4 28	19 20	1 0	4 7	2 45	23 0	0 48	13 7	1 13	22 14	1 12	17 38	0 20	5 57
W15	14 20	9 15	3 54	18 58	1 9	4 32	2 54	22 55	0 49	13 10	1 13	22 14	1 12	17 38	0 20	5 57
T 16	14 1	3 53	3 10	18 33	1 16	4 57	3 3	22 50	0 49	13 13	1 13	22 14	1 12	17 39	0 20	5 58
F 17	13 42	1s39	2 17	18 6	1 23	5 22	3 12	22 45	0 50	13 15	1 14	22 14	1 12	17 39	0 20	5 59
S 18	13 23	7 12	1 18	17 37	1 29	5 46	3 21	22 39	0 50	13 18	1 14	22 14	1 12	17 39	0 20	5 59
S 19	13 4	12 34	0 14	17 6	1 34	6 10	3 30	22 34	0 51	13 21	1 14	22 14	1 12	17 39	0 20	6 0
M20	12 44	17 33	0s53	16 32	1 38	6 33	3 40	22 28	0 51	13 24	1 14	22 14	1 12	17 39	0 20	6 0
T 21	12 24	21 53	1 58	15 57	1 41	6 57	3 49	22 22	0 52	13 27	1 14	22 14	1 12	17 39	0 20	6 1
W22	12 4	25 15	2 59	15 19	1 43	7 19	3 59	22 16	0 53	13 30	1 14	22 14	1 12	17 39	0 20	6 2
T 23	11 44	27 16	3 52	14 41	1 45	7 42	4 8	22 10	0 53	13 32	1 14	22 14	1 12	17 39	0 20	6 2
F 24	11 24	27 36	4 33	14 0	1 46	8 3	4 18	22 4	0 54	13 35	1 14	22 15	1 12	17 39	0 20	6 3
S 25	11 4	26 3	4 58	13 19	1 46	8 25	4 28	21 58	0 54	13 38	1 14	22 15	1 12	17 39	0 20	6 4
S 26	10 43	22 39	5 3	12 36	1 46	8 46	4 38	21 51	0 55	13 41	1 14	22 15	1 12	17 39	0 20	6 4
M27	10 22	17 39	4 46	11 53	1 44	9 6	4 47	21 44	0 56	13 43	1 15	22 15	1 12	17 39	0 20	6 5
T 28	10 1	11 30	4 10	11 8	1 43	9 26	4 57	21 37	0 56	13 46	1 15	22 15	1 12	17 39	0 20	6 6
W29	9 40	4 43	3 15	10 23	1 40	9 45	5 7	21 30	0 57	13 49	1 15	22 15	1 12	17 39	0 20	6 6
T 30	9 19	2n12	2 9	9 38	1 38	10 3	5 17	21 23	0 57	13 52	1 15	22 15	1 12	17 39	0 20	6 7
F 31	8n57	8n51	0s55	8n52	1n34	10s21	5s27	21n16	0n58	13s54	1s15	22n15	1s12	17n39	0s20	6s 7

Julian Day Number = 2398796.5, Delta T = 10.25 sec
Ecliptic obliquity = 23°27'36", Nutation = - 0°00'09", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'25", Lahiri = 21°50'25"

ASTRODIENST EPHEMERIS for the year 1855
geocentric

SEPTEMBER 1855

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	22 38 23	7♍57'41	9♋3	12♍58	13♌49	29♍56	26°R16	28♏29	20°R49	17°R 2	4°R34	5°D22	6♋38	0♍30	23°R56	S 1
S 2	22 42 19	8°55'48	22°37	14°48	14° 8	0♏34	26° 8	28°33	20♋49	17° 1	4♋34	5♋22	6°35	0°37	23♋54	S 2
M 3	22 46 16	9°53'56	5♏44	16°38	14°24	1°12	26° 1	28°38	20°49	16°59	4°33	5°R23	6°32	0°43	23°52	M 3
T 4	22 50 12	10°52'06	18°29	18°27	14°39	1°50	25°53	28°42	20°48	16°57	4°33	5°23	6°29	0°50	23°50	T 4
W 5	22 54 9	11°50'19	0♋56	20°14	14°51	2°28	25°46	28°46	20°48	16°56	4°32	5°21	6°25	0°57	23°48	W 5
T 6	22 58 5	12°48'33	13° 9	22° 0	15° 2	3° 6	25°39	28°50	20°47	16°54	4°31	5°17	6°22	1° 4	23°47	T 6
F 7	23 2 2	13°46'50	25°12	23°45	15°10	3°44	25°31	28°53	20°47	16°52	4°31	5°11	6°19	1°10	23°45	F 7
S 8	23 5 58	14°45'08	7♌8	25°29	15°16	4°21	25°24	28°57	20°46	16°51	4°30	5° 2	6°16	1°17	23°43	S 8
S 9	23 9 55	15°43'28	19° 1	27°11	15°20	4°59	25°17	29° 1	20°46	16°49	4°29	4°53	6°13	1°24	23°42	S 9
M10	23 13 52	16°41'50	0♍52	28°53	15°R22	5°37	25°11	29° 4	20°45	16°47	4°29	4°44	6°10	1°30	23°40	M10
T 11	23 17 48	17°40'14	12°44	0♋33	15°22	6°15	25° 4	29° 8	20°44	16°46	4°28	4°35	6° 6	1°37	23°39	T 11
W12	23 21 45	18°38'40	24°37	2°13	15°19	6°52	24°57	29°11	20°44	16°44	4°27	4°27	6° 3	1°44	23°37	W12
T 13	23 25 41	19°37'08	6♌35	3°51	15°13	7°30	24°51	29°14	20°43	16°43	4°26	4°22	6° 0	1°50	23°36	T 13
F 14	23 29 38	20°35'37	18°38	5°28	15° 6	8° 7	24°44	29°17	20°42	16°41	4°26	4°18	5°57	1°57	23°34	F 14
S 15	23 33 34	21°34'09	0♍49	7° 4	14°56	8°45	24°38	29°20	20°41	16°39	4°25	4°D17	5°54	2° 4	23°33	S 15
S 16	23 37 31	22°32'42	13°10	8°39	14°43	9°22	24°32	29°23	20°40	16°38	4°24	4°17	5°51	2°11	23°32	S 16
M17	23 41 27	23°31'16	25°45	10°13	14°29	9°59	24°26	29°26	20°39	16°36	4°23	4°18	5°47	2°17	23°31	M17
T 18	23 45 24	24°29'53	8♌37	11°46	14°11	10°37	24°20	29°29	20°38	16°34	4°22	4°20	5°44	2°24	23°30	T 18
W19	23 49 21	25°28'31	21°50	13°18	13°52	11°14	24°15	29°31	20°37	16°33	4°22	4°R21	5°41	2°31	23°29	W19
T 20	23 53 17	26°27'11	5♋25	14°49	13°30	11°51	24° 9	29°34	20°36	16°31	4°21	4°21	5°38	2°37	23°28	T 20
F 21	23 57 14	27°25'53	19°25	16°19	13° 6	12°28	24° 4	29°36	20°35	16°29	4°20	4°19	5°35	2°44	23°27	F 21
S 22	0 1 10	28°24'36	3♌50	17°47	12°41	13° 5	23°58	29°39	20°33	16°28	4°19	4°15	5°31	2°51	23°27	S 22
S 23	0 5 7	29°23'21	18°36	19°15	12°13	13°42	23°53	29°41	20°32	16°26	4°18	4°11	5°28	2°58	23°26	S 23
M24	0 9 3	0♋22'07	3♋37	20°42	11°43	14°19	23°48	29°43	20°31	16°25	4°17	4° 6	5°25	3° 4	23°26	M24
T 25	0 13 0	1°20'56	18°45	22° 8	11°12	14°56	23°44	29°45	20°29	16°23	4°16	4° 1	5°22	3°11	23°25	T 25
W26	0 16 56	2°19'46	3♍50	23°33	10°39	15°33	23°39	29°47	20°28	16°21	4°15	3°58	5°19	3°18	23°25	W26
T 27	0 20 53	3°18'38	18°43	24°56	10° 5	16°10	23°35	29°49	20°27	16°20	4°15	3°55	5°16	3°24	23°24	T 27
F 28	0 24 50	4°17'33	3♋16	26°19	9°30	16°46	23°30	29°51	20°25	16°18	4°14	3°D54	5°12	3°31	23°24	F 28
S 29	0 28 46	5°16'29	17°24	27°40	8°54	17°23	23°26	29°52	20°24	16°17	4°13	3°55	5° 9	3°38	23°24	S 29
S 30	0 32 43	6♌15'28	1♏4	29♌0	8♌18	18♌0	23° 22	29♏54	20♋22	16° 15	4♋12	3♋56	5♋ 6	3♍45	23♋24	S 30

Day	☉	☾	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	8n35	14n50	0n20	8n 6	1n31	10s38	5s37	21n 8	0n59	13s57	1s15	22n15	1s12	17n39	0s20	6s 8	1s 6	2s46	16s46	13n19	13n45	15n42	14s 2	7n24
S 2	8 14	19 54	1 31	7 19	1 26	10 54	5 47	21 1	0 59	13 59	1 15	22 15	1 12	17 39	0 20	6 9	1 6	2 47	16 46	13 19	13 44	15 39	14 3	7 24
M 3	7 52	23 50	2 35	6 32	1 22	11 10	5 57	20 53	1 0	14 2	1 15	22 15	1 12	17 39	0 20	6 9	1 6	2 47	16 47	13 20	13 42	15 37	14 4	7 24
T 4	7 30	26 27	3 30	5 45	1 17	11 25	6 7	20 45	1 0	14 5	1 15	22 15	1 12	17 39	0 20	6 10	1 6	2 48	16 47	13 20	13 41	15 34	14 4	7 23
W 5	7 8	27 41	4 13	4 58	1 12	11 39	6 17	20 37	1 1	14 7	1 15	22 15	1 13	17 39	0 20	6 11	1 6	2 48	16 47	13 19	13 40	15 31	14 5	7 23
T 6	6 45	27 31	4 44	4 11	1 6	11 52	6 27	20 29	1 2	14 9	1 15	22 15	1 13	17 39	0 20	6 11	1 6	2 49	16 47	13 18	13 39	15 28	14 6	7 22
F 7	6 23	26 3	5 2	3 25	1 1	12 4	6 36	20 21	1 2	14 12	1 15	22 15	1 13	17 38	0 20	6 12	1 6	2 49	16 48	13 16	13 38	15 26	14 7	7 22
S 8	6 1	23 26	5 6	2 38	0 55	12 15	6 46	20 12	1 3	14 14	1 15	22 15	1 13	17 38	0 20	6 13	1 6	2 49	16 48	13 13	13 37	15 23	14 7	7 21
S 9	5 38	19 50	4 57	1 51	0 48	12 25	6 55	20 4	1 3	14 17	1 15	22 15	1 13	17 38	0 20	6 13	1 6	2 50	16 48	13 10	13 36	15 20	14 8	7 21
M10	5 15	15 28	4 35	1 5	0 42	12 34	7 4	19 55	1 4	14 19	1 15	22 15	1 13	17 38	0 20	6 14	1 6	2 50	16 48	13 7	13 35	15 17	14 9	7 21
T 11	4 53	10 30	4 2	0 19	0 35	12 42	7 13	19 46	1 4	14 21	1 15	22 15	1 13	17 38	0 20	6 15	1 6	2 51	16 49	13 4	13 34	15 15	14 10	7 20
W12	4 30	5 9	3 17	0s27	0 28	12 49	7 21	19 37	1 5	14 23	1 15	22 15	1 13	17 37	0 20	6 15	1 6	2 51	16 49	13 1	13 33	15 12	14 10	7 20
T 13	4 7	0s25	2 24	1 12	0 21	12 54	7 30	19 28	1 6	14 26	1 15	22 15	1 13	17 37	0 20	6 16	1 6	2 52	16 49	12 59	13 32	15 9	14 11	7 19
F 14	3 44	6 1	1 24	1 57	0 14	12 58	7 38	19 19	1 6	14 28	1 15	22 15	1 13	17 37	0 20	6 17	1 6	2 52	16 49	12 58	13 31	15 6	14 12	7 19
S 15	3 21	11 28	0 19	2 42	0 7	13 1	7 45	19 10	1 7	14 30	1 15	22 15	1 13	17 37	0 20	6 17	1 6	2 53	16 50	12 58	13 30	15 3	14 12	7 18
S 16	2 58	16 34	0s48	3 26	0s 0	13 3	7 52	19 0	1 7	14 32	1 15	22 15	1 13	17 37	0 20	6 18	1 6	2 53	16 50	12 58	13 29	15 1	14 13	7 18
M17	2 34	21 4	1 54	4 10	0 8	13 3	7 59	18 51	1 8	14 34	1 15	22 14	1 13	17 36	0 20	6 19	1 6	2 54	16 50	12 58	13 28	14 58	14 14	7 17
T 18	2 11	24 39	2 56	4 53	0 15	13 2	8 5	18 41	1 9	14 36	1 15	22 14	1 13	17 36	0 20	6 19	1 6	2 54	16 50	12 59	13 27	14 55	14 14	7 17
W19	1 48	27 2	3 50	5 36	0 23	12 59	8 10	18 32	1 9	14 37	1 15	22 14	1 13	17 36	0 20	6 20	1 6	2 54	16 51	12 59	13 26	14 52	14 15	7 16
T 20	1 25	27 53	4 33	6 18	0 30	12 55	8 15	18 22	1 10	14 39	1 15	22 14	1 13	17 35	0 20	6 20	1 6	2 55	16 51	12 59	13 25	14 49	14 16	7 16
F 21	1 1	27 1	5 1	7 0	0 38	12 49	8 19	18 12	1 10	14 41	1 14	22 14	1 13	17 35	0 20	6 21	1 6	2 55	16 51	12 58	13 24	14 47	14 16	7 15
S 22	0 38	24 21	5 11	7 41	0 45	12 42	8 22	18 2	1 11	14 43	1 14	22 14	1 13	17 35	0 20	6 22	1 6	2 56	16 51	12 57	13 22	14 44	14 17	7 15
S 23	0 15	20 2	5 2	8 21	0 53	12 34	8 25	17 52	1 11	14 44	1 14	22 14	1 13	17 34	0 20	6 22	1 6	2 56	16 51	12 55	13 21	14 41	14 17	7 14
M24	0s 9	14 24	4 31	9 1	1 0	12 24	8 27	17 42	1 12	14 46	1 14	22 14	1 13	17 34	0 20	6 23	1 6	2 57	16 51	12 54	13 20	14 38	14 18	7 14
T 25	0 32	7 51	3 42	9 41	1 8	12 12	8 28	17 32	1 13	14 47	1 14	22 14	1 13	17 34	0 20	6 24	1 6	2 57	16 52	12 52	13 19	14 35	14 19	7 13
W26	0 56	0 53	2 37	10 19	1 15	11 59	8 28	17 21	1 13	14 49	1 14	22 14	1 13	17 33	0 20	6 24	1 6	2 58	16 52	12 51	13 18	14 32	14 19	7 13
T 27	1 19	6n 4	1 22	10 57	1 23	11 45	8 27	17 11	1 14	14 50	1 14	22 14	1 14	17 33	0 20	6 25	1 6	2 58	16 52	12 50	13 17	14 30	14 20	7 12
F 28	1 42	12 33	0 4	11 34	1 30	11 30	8 25	17 0	1 14	14 52	1 14	22 14	1 14	17 33	0 20	6 25	1 6	2 59	16 52	12 50	13 16	14 27	14 20	7 12
S 29	2 6	18 13	1n13	12 10	1 37	11 13	8 22	16 50	1 15	14 53	1 14	22 14	1 14	17 32	0 20	6 26	1 6	2 59	16 52	12 50	13 15	14 24	14 21	7 11
S 30	2s29	22n44	2n24	12s46	1s45	10s55	8s19	16n39	1n16	14s54	1s14	22n14	1s14	17n32	0s20	6s27	1s 6	2s59	16s52	12n51	13n14	14n21	14s21	7n10

ASTRODIENST EPHEMERIS for the year 1855
geocentric

OCTOBER 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 36 39	7♌14'29	14♏19	0♏19	7°R41	18♏36	23°R19	29♏55	20°R20	16°R14	4°R11	3♏58	5♏ 3	3♏51	23°D24	M 1
T 2	0 40 36	8°13'33	27° 9	1°37	7♌ 4	19°13	23°R15	29°56	20°R19	16°R12	4♏10	3°59	5° 0	3°58	23°D24	T 2
W 3	0 44 32	9°12'39	9♌39	2°53	6°27	19°49	23°12	29°57	20°17	16°11	4° 9	4°R 0	4°57	4° 5	23°24	W 3
T 4	0 48 29	10°11'47	21°52	4° 8	5°51	20°25	23° 9	29°59	20°15	16° 9	4° 8	3°59	4°53	4°11	23°24	T 4
F 5	0 52 25	11°10'58	3♏54	5°21	5°15	21° 2	23° 6	29°59	20°14	16° 8	4° 7	3°57	4°50	4°18	23°24	F 5
S 6	0 56 22	12°10'10	15°49	6°33	4°40	21°38	23° 3	0♏ 0	20°12	16° 6	4° 6	3°55	4°47	4°25	23°24	S 6
S 7	1 0 19	13° 9'25	27°40	7°43	4° 6	22°14	23° 0	0° 1	20°10	16° 5	4° 5	3°52	4°44	4°31	23°25	S 7
M 8	1 4 15	14° 8'43	9♏31	8°51	3°34	22°50	22°58	0° 2	20° 8	16° 3	4° 4	3°48	4°41	4°38	23°25	M 8
T 9	1 8 12	15° 8'02	21°25	9°57	3° 3	23°26	22°56	0° 2	20° 6	16° 2	4° 2	3°45	4°37	4°45	23°26	T 9
W10	1 12 8	16° 7'23	3♌25	11° 1	2°33	24° 2	22°54	0° 2	20° 4	16° 1	4° 1	3°43	4°34	4°52	23°27	W10
T11	1 16 5	17° 6'47	15°31	12° 2	2° 6	24°38	22°52	0° 3	20° 3	15°59	4° 0	3°41	4°31	4°58	23°27	T11
F12	1 20 1	18° 6'13	27°47	13° 1	1°40	25°14	22°50	0° 3	20° 1	15°58	3°59	3°D40	4°28	5° 5	23°28	F12
S13	1 23 58	19° 5'40	10♏13	13°57	1°17	25°50	22°49	0°R 3	19°58	15°57	3°58	3°40	4°25	5°12	23°29	S13
S14	1 27 54	20° 5'10	22°50	14°50	0°55	26°26	22°48	0° 3	19°56	15°55	3°57	3°41	4°22	5°18	23°30	S14
M15	1 31 51	21° 4'42	5♌40	15°39	0°36	27° 1	22°47	0° 3	19°54	15°54	3°56	3°42	4°18	5°25	23°31	M15
T16	1 35 47	22° 4'15	18°44	16°25	0°19	27°37	22°46	0° 2	19°52	15°53	3°55	3°43	4°15	5°32	23°32	T16
W17	1 39 44	23° 3'50	2♏ 4	17° 6	0° 5	28°13	22°45	0° 2	19°50	15°52	3°54	3°44	4°12	5°38	23°33	W17
T18	1 43 41	24° 3'27	15°41	17°43	29♏53	28°48	22°45	0° 1	19°48	15°50	3°53	3°44	4° 9	5°45	23°34	T18
F19	1 47 37	25° 3'06	29°35	18°15	29°43	29°23	22°D45	0° 1	19°46	15°49	3°52	3°R44	4° 6	5°52	23°36	F19
S20	1 51 34	26° 2'47	13♌45	18°41	29°36	29°59	22°45	0° 0	19°44	15°48	3°50	3°44	4° 2	5°59	23°37	S20
S21	1 55 30	27° 2'29	28°11	19° 1	29°32	0♏34	22°45	29♏59	19°41	15°47	3°49	3°43	3°59	6° 5	23°38	S21
M22	1 59 27	28° 2'12	12♏48	19°15	29°D29	1° 9	22°45	29°58	19°39	15°46	3°48	3°43	3°56	6°12	23°40	M22
T23	2 3 23	29° 1'58	27°31	19°R21	29°29	1°44	22°46	29°57	19°37	15°45	3°47	3°42	3°53	6°19	23°41	T23
W24	2 7 20	0♏ 1'45	12°V14	19°19	29°32	2°19	22°47	29°56	19°35	15°43	3°46	3°42	3°50	6°25	23°43	W24
T25	2 11 16	1° 1'34	26°51	19° 9	29°37	2°54	22°48	29°55	19°32	15°42	3°45	3°42	3°47	6°32	23°45	T25
F26	2 15 13	2° 1'25	11♏13	18°50	29°44	3°29	22°49	29°53	19°30	15°41	3°44	3°D42	3°43	6°39	23°47	F26
S27	2 19 10	3° 1'18	25°17	18°22	29°54	4° 4	22°51	29°52	19°28	15°40	3°43	3°42	3°40	6°45	23°49	S27
S28	2 23 6	4° 1'13	8♏59	17°45	0♏ 5	4°38	22°52	29°50	19°25	15°39	3°41	3°R42	3°37	6°52	23°50	S28
M29	2 27 3	5° 1'11	22°17	16°58	0°19	5°13	22°54	29°49	19°23	15°38	3°40	3°42	3°34	6°59	23°52	M29
T30	2 30 59	6° 1'10	5♌12	16° 3	0°35	5°48	22°56	29°47	19°20	15°38	3°39	3°41	3°31	7° 6	23°55	T30
W31	2 34 56	7♏ 1'12	17♏46	14♏59	0♏53	6♏22	22°58	29♏45	19♏18	15°37	3♏38	3♏41	3♏28	7♏12	23°57	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	2s53	25n55	3n24	13s20	1s52	10s36	8s14	16n28	1n16	14s55	1s14	22n14	1s14	17n31	0s20	6s27
T 2	3 16	27 38	4 12	13 54	1 59	10 17	8 9	16 17	1 17	14 56	1 14	22 14	1 14	17 31	0 20	6 28
W 3	3 39	27 52	4 47	14 27	2 5	9 56	8 2	16 6	1 17	14 57	1 13	22 14	1 14	17 30	0 20	6 28
T 4	4 2	26 44	5 7	14 59	2 12	9 35	7 55	15 55	1 18	14 58	1 13	22 14	1 14	17 30	0 20	6 29
F 5	4 26	24 23	5 14	15 29	2 18	9 14	7 47	15 44	1 19	14 59	1 13	22 14	1 14	17 29	0 20	6 29
S 6	4 49	21 0	5 8	15 59	2 25	8 52	7 38	15 33	1 19	15 0	1 13	22 14	1 14	17 29	0 20	6 30
S 7	5 12	16 48	4 48	16 28	2 31	8 30	7 29	15 22	1 20	15 1	1 13	22 14	1 14	17 28	0 20	6 31
M 8	5 35	11 57	4 16	16 56	2 36	8 7	7 19	15 11	1 20	15 1	1 13	22 14	1 14	17 28	0 20	6 31
T 9	5 58	6 39	3 32	17 22	2 42	7 45	7 8	14 59	1 21	15 2	1 13	22 14	1 14	17 27	0 20	6 32
W10	6 21	1 5	2 39	17 47	2 47	7 23	6 56	14 48	1 21	15 2	1 13	22 13	1 14	17 27	0 20	6 32
T11	6 44	4s36	1 39	18 11	2 51	7 1	6 44	14 37	1 22	15 3	1 12	22 13	1 14	17 26	0 20	6 33
F12	7 6	10 11	0 32	18 33	2 56	6 39	6 32	14 25	1 23	15 3	1 12	22 13	1 14	17 26	0 20	6 33
S13	7 29	15 28	0s36	18 54	3 0	6 18	6 19	14 13	1 23	15 4	1 12	22 13	1 14	17 25	0 20	6 34
S14	7 51	20 10	1 44	19 13	3 3	5 58	6 6	14 2	1 24	15 4	1 12	22 13	1 14	17 25	0 20	6 34
M15	8 14	24 2	2 48	19 30	3 6	5 38	5 52	13 50	1 24	15 4	1 12	22 13	1 14	17 24	0 20	6 35
T16	8 36	26 43	3 44	19 46	3 8	5 18	5 39	13 38	1 25	15 4	1 12	22 13	1 14	17 24	0 20	6 35
W17	8 58	27 57	4 30	19 59	3 10	5 0	5 25	13 27	1 26	15 4	1 12	22 13	1 14	17 23	0 20	6 36
T18	9 20	27 31	5 1	20 11	3 11	4 42	5 11	13 15	1 26	15 4	1 11	22 13	1 15	17 23	0 20	6 36
F19	9 42	25 24	5 16	20 20	3 11	4 26	4 57	13 3	1 27	15 4	1 11	22 13	1 15	17 22	0 20	6 37
S20	10 4	21 41	5 12	20 26	3 10	4 10	4 43	12 51	1 27	15 4	1 11	22 13	1 15	17 21	0 20	6 37
S21	10 26	16 37	4 49	20 30	3 8	3 55	4 29	12 39	1 28	15 4	1 11	22 13	1 15	17 21	0 20	6 37
M22	10 47	10 33	4 39	20 31	3 5	3 41	4 15	12 27	1 29	15 4	1 11	22 13	1 15	17 20	0 20	6 38
T23	11 8	3 51	3 7	20 28	3 0	3 29	4 1	12 15	1 29	15 3	1 11	22 13	1 15	17 20	0 20	6 38
W24	11 30	3n 3	1 56	20 22	2 55	3 17	3 47	12 3	1 30	15 3	1 11	22 13	1 15	17 19	0 20	6 39
T25	11 50	9 46	0 38	20 13	2 48	3 6	3 33	11 51	1 30	15 2	1 10	22 13	1 15	17 18	0 20	6 39
F26	12 11	15 52	0n42	19 59	2 39	2 57	3 20	11 39	1 31	15 2	1 10	22 13	1 15	17 18	0 20	6 39
S27	12 32	21 0	1 57	19 41	2 29	2 48	3 6	11 27	1 32	15 1	1 10	22 13	1 15	17 17	0 20	6 40
S28	12 52	24 50	3 4	19 19	2 17	2 41	2 53	11 15	1 32	15 0	1 10	22 13	1 15	17 16	0 20	6 40
M29	13 12	27 12	3 58	18 53	2 3	2 34	2 40	11 3	1 33	15 0	1 10	22 13	1 15	17 16	0 20	6 40
T30	13 32	28 0	4 39	18 22	1 48	2 29	2 27	10 51	1 33	14 59	1 10	22 13	1 15	17 15	0 20	6 41
W31	13s52	27n19	5n 5	17s47	1s30	2s25	2s15	10n38	1n34	14s58	1s10	22n13	1s15	17n14	0s20	6s41

Julian Day Number = 2398857.5, Delta T = 10.21 sec
Ecliptic obliquity = 23°27'37", Nutation = - 0°00'10", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'33", Lahiri = 21°50'34"

ASTRODIENST EPHEMERIS for the year 1855

geocentric

NOVEMBER 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	2 38 52	8♈ 1'15	0♈ 2	13°R49	1♈13	6♈57	23≈ 1	29°R43	19°R16	15°R36	3°R37	3°R41	3♈24	7♈19	23♈59	T 1
F 2	2 42 49	9° 1'21	12° 6	12♈34	1°35	7°31	23° 3	29Ⅱ41	19♈13	15°R35	3♈36	3°D41	3°21	7°26	24° 1	F 2
S 3	2 46 46	10° 1'29	24° 1	11°16	1°59	8° 5	23° 6	29°38	19°11	15°34	3°35	3♈41	3°18	7°32	24° 4	S 3
S 4	2 50 42	11° 1'39	5♈52	9°58	2°24	8°39	23° 9	29°36	19° 8	15°33	3°34	3°41	3°15	7°39	24° 6	S 4
M 5	2 54 39	12° 1'51	17°44	8°41	2°51	9°13	23°12	29°34	19° 6	15°33	3°32	3°42	3°12	7°46	24° 8	M 5
T 6	2 58 35	13° 2'05	29°40	7°29	3°20	9°47	23°16	29°31	19° 3	15°32	3°31	3°43	3° 8	7°52	24°11	T 6
W 7	3 2 32	14° 2'21	11♈45	6°23	3°51	10°21	23°19	29°28	19° 1	15°31	3°30	3°44	3° 5	7°59	24°14	W 7
T 8	3 6 28	15° 2'39	24° 2	5°26	4°23	10°55	23°23	29°26	18°58	15°31	3°29	3°45	3° 2	8° 6	24°16	T 8
F 9	3 10 25	16° 2'58	6♈31	4°39	4°56	11°29	23°27	29°23	18°56	15°30	3°28	3°R45	2°59	8°13	24°19	F 9
S 10	3 14 21	17° 3'20	19°16	4° 3	5°31	12° 2	23°31	29°20	18°53	15°29	3°27	3°45	2°56	8°19	24°22	S 10
S 11	3 18 18	18° 3'43	2♈15	3°38	6° 7	12°36	23°36	29°17	18°51	15°29	3°26	3°43	2°53	8°26	24°25	S 11
M12	3 22 14	19° 4'08	15°29	3°25	6°45	13° 9	23°40	29°14	18°48	15°28	3°25	3°41	2°49	8°33	24°28	M12
T 13	3 26 11	20° 4'34	28°56	3°D24	7°24	13°42	23°45	29°11	18°46	15°28	3°24	3°39	2°46	8°39	24°31	T 13
W14	3 30 8	21° 5'02	12♈36	3°34	8° 4	14°16	23°50	29° 7	18°43	15°27	3°23	3°37	2°43	8°46	24°34	W14
T 15	3 34 4	22° 5'31	26°26	3°54	8°45	14°49	23°55	29° 4	18°41	15°27	3°21	3°35	2°40	8°53	24°37	T 15
F 16	3 38 1	23° 6'02	10≈25	4°23	9°28	15°22	24° 0	29° 1	18°38	15°27	3°20	3°33	2°37	8°59	24°40	F 16
S 17	3 41 57	24° 6'34	24°31	5° 0	10°11	15°55	24° 5	28°57	18°36	15°26	3°19	3°D33	2°34	9° 6	24°43	S 17
S 18	3 45 54	25° 7'07	8♈43	5°45	10°56	16°27	24°11	28°53	18°33	15°26	3°18	3°33	2°30	9°13	24°47	S 18
M19	3 49 50	26° 7'41	22°57	6°37	11°41	17° 0	24°17	28°50	18°31	15°26	3°17	3°35	2°27	9°20	24°50	M19
T 20	3 53 47	27° 8'16	7♈17	7°35	12°28	17°33	24°23	28°46	18°28	15°25	3°16	3°36	2°24	9°26	24°53	T 20
W21	3 57 44	28° 8'52	21°27	8°38	13°15	18° 5	24°29	28°42	18°26	15°25	3°15	3°37	2°21	9°33	24°57	W21
T 22	4 1 40	29° 9'30	5♈36	9°45	14° 4	18°37	24°35	28°38	18°24	15°25	3°14	3°R38	2°18	9°40	25° 0	T 22
F 23	4 5 37	0♈10'09	19°35	10°57	14°53	19°10	24°42	28°34	18°21	15°25	3°13	3°37	2°14	9°46	25° 4	F 23
S 24	4 9 33	1°10'50	3Ⅱ22	12°11	15°43	19°42	24°48	28°30	18°19	15°25	3°12	3°34	2°11	9°53	25° 7	S 24
S 25	4 13 30	2°11'31	16°53	13°28	16°34	20°14	24°55	28°26	18°16	15°24	3°11	3°31	2° 8	10° 0	25°11	S 25
M26	4 17 26	3°12'15	0♈ 5	14°48	17°25	20°45	25° 2	28°22	18°14	15°24	3°10	3°26	2° 5	10° 6	25°15	M26
T 27	4 21 23	4°12'59	12°58	16°10	18°18	21°17	25° 9	28°18	18°12	15°D24	3° 9	3°21	2° 2	10°13	25°19	T 27
W28	4 25 19	5°13'46	25°33	17°33	19°11	21°49	25°16	28°13	18° 9	15°24	3° 8	3°16	1°59	10°20	25°22	W28
T 29	4 29 16	6°14'33	7♈51	18°58	20° 5	22°20	25°24	28° 9	18° 7	15°24	3° 8	3°11	1°55	10°27	25°26	T 29
F 30	4 33 13	7♈15'22	19♈56	20♈25	20♈59	22♈52	25≈31	28Ⅱ 4	18♈ 4	15°R24	3♈ 7	3♈ 8	1♈52	10♈33	25♈30	F 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s12	25n19	5n17	17s 9	1s12	2s22	2s 3	10n26	1n35	14s57	1s 9	22n13	1s15	17n14	0s20	6s41	1s 6
F 2	14 31	22 12	5 14	16 27	0 52	2 19	1 51	10 14	1 35	14 56	1 9	22 13	1 15	17 13	0 20	6 42	1 6
S 3	14 50	18 12	4 57	15 44	0 32	2 18	1 39	10 2	1 36	14 55	1 9	22 13	1 15	17 12	0 20	6 42	1 6
S 4	15 9	13 32	4 29	15 0	0 11	2 18	1 27	9 49	1 37	14 54	1 9	22 13	1 15	17 12	0 20	6 42	1 6
M 5	15 28	8 21	3 48	14 16	0n 9	2 18	1 16	9 37	1 37	14 53	1 9	22 13	1 15	17 11	0 20	6 43	1 6
T 6	15 46	2 51	2 58	13 33	0 29	2 20	1 5	9 25	1 38	14 51	1 9	22 13	1 15	17 10	0 20	6 43	1 6
W 7	16 4	2s50	1 59	12 54	0 48	2 22	0 55	9 13	1 38	14 50	1 8	22 12	1 15	17 10	0 20	6 43	1 5
T 8	16 22	8 30	0 54	12 18	1 6	2 25	0 44	9 0	1 39	14 49	1 8	22 12	1 15	17 9	0 20	6 43	1 5
F 9	16 39	13 57	0s15	11 48	1 22	2 29	0 34	8 48	1 40	14 47	1 8	22 12	1 15	17 8	0 20	6 44	1 5
S 10	16 57	18 55	1 25	11 22	1 36	2 34	0 25	8 36	1 40	14 46	1 8	22 12	1 15	17 8	0 20	6 44	1 5
S 11	17 14	23 6	2 31	11 2	1 48	2 40	0 15	8 24	1 41	14 44	1 8	22 12	1 15	17 7	0 20	6 44	1 5
M12	17 30	26 9	3 31	10 48	1 59	2 46	0 6	8 11	1 42	14 42	1 8	22 12	1 15	17 6	0 20	6 44	1 5
T 13	17 47	27 47	4 31	10 40	2 7	2 53	0n 3	7 59	1 42	14 41	1 8	22 12	1 15	17 6	0 20	6 44	1 5
W14	18 3	27 45	4 54	10 37	2 14	3 1	0 12	7 47	1 43	14 39	1 7	22 12	1 15	17 5	0 20	6 44	1 5
T 15	18 18	26 0	5 13	10 39	2 19	3 10	0 20	7 35	1 43	14 37	1 7	22 12	1 15	17 4	0 20	6 45	1 5
F 16	18 34	22 39	5 13	10 46	2 22	3 19	0 29	7 22	1 44	14 35	1 7	22 12	1 15	17 4	0 20	6 45	1 5
S 17	18 49	17 59	4 54	10 56	2 24	3 29	0 37	7 10	1 45	14 33	1 7	22 12	1 15	17 3	0 20	6 45	1 5
S 18	19 4	12 18	4 18	11 11	2 24	3 39	0 44	6 58	1 45	14 31	1 7	22 12	1 15	17 2	0 20	6 45	1 5
M19	19 18	5 56	3 25	11 28	2 24	3 50	0 52	6 46	1 46	14 29	1 7	22 12	1 15	17 2	0 20	6 45	1 5
T 20	19 32	0n43	2 20	11 49	2 22	4 2	0 59	6 34	1 47	14 27	1 7	22 12	1 15	17 1	0 20	6 45	1 5
W21	19 46	7 21	1 6	12 11	2 20	4 14	1 6	6 22	1 47	14 25	1 6	22 12	1 15	17 0	0 20	6 45	1 5
T 22	19 59	13 34	0n11	12 35	2 17	4 26	1 12	6 10	1 48	14 23	1 6	22 12	1 15	17 0	0 20	6 45	1 5
F 23	20 12	19 2	1 27	13 1	2 13	4 39	1 19	5 58	1 49	14 20	1 6	22 12	1 15	16 59	0 20	6 45	1 5
S 24	20 25	23 24	2 36	13 28	2 8	4 53	1 25	5 46	1 49	14 18	1 6	22 12	1 15	16 58	0 20	6 45	1 5
S 25	20 37	26 23	3 35	13 56	2 3	5 7	1 31	5 34	1 50	14 16	1 6	22 12	1 15	16 58	0 20	6 45	1 5
M26	20 49	27 49	4 21	14 25	1 58	5 21	1 37	5 22	1 51	14 13	1 6	22 12	1 15	16 57	0 20	6 45	1 5
T 27	21 0	27 41	4 53	14 54	1 52	5 36	1 42	5 10	1 51	14 11	1 6	22 12	1 15	16 56	0 20	6 45	1 5
W28	21 11	26 7	5 9	15 24	1 46	5 51	1 47	4 58	1 52	14 8	1 5	22 12	1 15	16 56	0 20	6 45	1 5
T 29	21 22	23 19	5 11	15 53	1 39	6 7	1 53	4 46	1 53	14 5	1 5	22 12	1 15	16 55	0 20	6 45	1 5
F 30	21s32	19n34	4n59	16s23	1n33	6s23	1n57	4n34	1n53	14s 3	1s 5	22n12	1s15	16n55	0s20	6s45	1s 5

Julian Day Number = 2398888.5, Delta T = 10.19 sec

Ecliptic obliquity = 23°27'37", Nutation = - 0°00'10", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°43'38", Lahiri = 21°50'38"

ASTRODIENST EPHEMERIS for the year 1855

geocentric

DECEMBER 1855

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 37 9	8♂16'12	1♂52	21♂52	21♂55	23♂23	25♂39	28♂R 0	18♂R 2	15♂25	3♂R 6	3♂R 6	1♂49	10♂40	25♂34	S 1
S 2	4 41 6	9°17'04	13°43	23°20	22°50	23°54	25°47	27♂55	18♂ 0	15°25	3♂ 5	3♂D 6	1°46	10°47	25°38	S 2
M 3	4 45 2	10°17'57	25°34	24°49	23°47	24°25	25°55	27°51	17°58	15°25	3° 4	3♂ 7	1°43	10°53	25°42	M 3
T 4	4 48 59	11°18'51	7♂31	26°18	24°44	24°56	26° 3	27°46	17°55	15°25	3° 3	3° 9	1°40	11° 0	25°46	T 4
W 5	4 52 55	12°19'47	19°38	27°48	25°41	25°26	26°12	27°42	17°53	15°25	3° 2	3°10	1°36	11° 7	25°51	W 5
T 6	4 56 52	13°20'44	2♂ 0	29°19	26°39	25°57	26°20	27°37	17°51	15°26	3° 1	3♂R11	1°33	11°13	25°55	T 6
F 7	5 0 48	14°21'42	14°39	0♂50	27°38	26°27	26°29	27°32	17°49	15°26	3° 1	3°11	1°30	11°20	25°59	F 7
S 8	5 4 45	15°22'42	27°39	2°21	28°37	26°58	26°37	27°27	17°47	15°26	3° 0	3° 8	1°27	11°27	26° 3	S 8
S 9	5 8 42	16°23'42	11♂ 0	3°53	29°37	27°28	26°46	27°22	17°45	15°27	2°59	3° 3	1°24	11°33	26° 8	S 9
M10	5 12 38	17°24'43	24°40	5°24	0♂37	27°58	26°55	27°18	17°42	15°27	2°58	2°57	1°20	11°40	26°12	M10
T 11	5 16 35	18°25'45	8♂36	6°56	1°37	28°27	27° 4	27°13	17°40	15°28	2°57	2°49	1°17	11°47	26°16	T 11
W12	5 20 31	19°26'48	22°44	8°28	2°38	28°57	27°14	27° 8	17°38	15°28	2°57	2°41	1°14	11°54	26°21	W12
T 13	5 24 28	20°27'52	7♂ 0	10° 1	3°39	29°26	27°23	27° 3	17°36	15°29	2°56	2°34	1°11	12° 0	26°25	T 13
F 14	5 28 24	21°28'56	21°17	11°33	4°41	29°55	27°33	26°58	17°34	15°29	2°55	2°28	1° 8	12° 7	26°30	F 14
S 15	5 32 21	22°30'00	5♂33	13° 6	5°43	0♂25	27°42	26°53	17°33	15°30	2°55	2°25	1° 5	12°14	26°34	S 15
S 16	5 36 17	23°31'04	19°44	14°39	6°46	0°53	27°52	26°48	17°31	15°30	2°54	2°D23	1° 1	12°20	26°39	S 16
M17	5 40 14	24°32'09	3♂48	16°12	7°48	1°22	28° 2	26°43	17°29	15°31	2°53	2°23	0°58	12°27	26°44	M17
T 18	5 44 11	25°33'14	17°45	17°45	8°52	1°51	28°12	26°38	17°27	15°32	2°53	2°24	0°55	12°34	26°48	T 18
W19	5 48 7	26°34'20	1♂34	19°18	9°55	2°19	28°22	26°33	17°25	15°33	2°52	2°R25	0°52	12°40	26°53	W19
T 20	5 52 4	27°35'25	18°15	20°51	10°59	2°47	28°33	26°28	17°23	15°33	2°51	2°24	0°49	12°47	26°58	T 20
F 21	5 56 0	28°36'31	25°47	22°25	12° 3	3°15	28°43	26°23	17°22	15°34	2°51	2°21	0°46	12°54	27° 2	F 21
S 22	5 59 57	29°37'38	12♂ 9	23°59	13° 7	3°43	28°54	26°18	17°20	15°35	2°50	2°15	0°42	13° 0	27° 7	S 22
S 23	6 3 53	0♂38'45	25°19	25°33	14°12	4°10	29° 4	26°13	17°18	15°36	2°50	2° 7	0°39	13° 7	27°12	S 23
M24	6 7 50	1°39'52	8♂17	27° 7	15°17	4°38	29°15	26° 9	17°17	15°37	2°49	1°57	0°36	13°14	27°17	M24
T 25	6 11 47	2°40'59	21° 0	28°41	16°23	5° 5	29°26	26° 4	17°15	15°38	2°49	1°45	0°33	13°20	27°22	T 25
W26	6 15 43	3°42'07	3♂28	0♂16	17°28	5°32	29°37	25°59	17°14	15°39	2°48	1°33	0°30	13°27	27°26	W26
T 27	6 19 40	4°43'15	15°44	1°51	18°34	5°58	29°48	25°54	17°12	15°40	2°48	1°23	0°26	13°34	27°31	T 27
F 28	6 23 36	5°44'24	27°47	3°26	19°40	6°25	29°59	25°49	17°11	15°41	2°47	1°14	0°23	13°41	27°36	F 28
S 29	6 27 33	6°45'33	9♂41	5° 2	20°46	6°51	0♂11	25°44	17°10	15°42	2°47	1° 8	0°20	13°47	27°41	S 29
S 30	6 31 29	7°46'42	21°31	6°38	21°53	7°17	0°22	25°39	17° 8	15°43	2°47	1° 4	0°17	13°54	27°46	S 30
M31	6 35 26	8♂47'51	3♂20	8♂14	23♂ 0	7♂43	0♂33	25♂35	17♂ 7	15♂44	2♂46	1♂ 2	0♂14	14♂ 1	27♂51	M31

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21s42	15n 5	4n34	16s52	1n26	6s39	2n 2	4n22	1n54	14s 0	1 s 5	22n12	1s15	16n54	0s20	6s45	1 s 5	3s18	16s50	12n33	12n 7	11n17	14s29	6n41	
S 2	21 52	10 3	3 57	17 21	1 19	6 56	2 6	4 11	1 55	13 57	1 5	22 12	1 15	16 53	0 20	6 45	1 5	3 18	16 50	12 33	12 6	11 14	14 28	6 40	
M 3	22 1	4 41	3 10	17 50	1 12	7 13	2 11	3 59	1 55	13 54	1 5	22 12	1 15	16 53	0 20	6 45	1 5	3 18	16 50	12 34	12 5	11 11	14 28	6 40	
T 4	22 9	0s55	2 15	18 18	1 5	7 30	2 15	3 47	1 56	13 51	1 5	22 12	1 15	16 52	0 20	6 45	1 5	3 18	16 50	12 34	12 4	11 8	14 27	6 40	
W 5	22 18	6 33	1 13	18 45	0 57	7 47	2 18	3 36	1 57	13 49	1 5	22 12	1 14	16 51	0 20	6 45	1 5	3 19	16 49	12 35	12 3	11 5	14 27	6 39	
T 6	22 25	12 4	0 7	19 12	0 50	8 5	2 22	3 24	1 57	13 46	1 4	22 12	1 14	16 51	0 20	6 45	1 5	3 19	16 49	12 35	12 1	11 2	14 27	6 39	
F 7	22 33	17 14	1s 2	19 39	0 43	8 23	2 25	3 13	1 58	13 42	1 4	22 12	1 14	16 50	0 20	6 44	1 5	3 19	16 49	12 35	12 0	10 59	14 26	6 39	
S 8	22 39	21 45	2 9	20 4	0 35	8 41	2 28	3 2	1 59	13 39	1 4	22 12	1 14	16 50	0 20	6 44	1 5	3 19	16 49	12 34	11 59	10 55	14 26	6 39	
S 9	22 46	25 15	3 10	20 29	0 28	8 59	2 31	2 50	2 0	13 36	1 4	22 12	1 14	16 49	0 20	6 44	1 5	3 19	16 48	12 32	11 58	10 52	14 25	6 38	
M10	22 52	27 23	4 2	20 53	0 21	9 17	2 34	2 39	2 0	13 33	1 4	22 12	1 14	16 49	0 20	6 44	1 5	3 19	16 48	12 30	11 57	10 49	14 25	6 38	
T 11	22 57	27 51	4 41	21 16	0 14	9 36	2 37	2 28	2 1	13 30	1 4	22 12	1 14	16 48	0 20	6 44	1 5	3 19	16 48	12 28	11 56	10 46	14 24	6 38	
W12	23 2	26 31	5 3	21 38	0 7	9 54	2 39	2 17	2 2	13 26	1 4	22 12	1 14	16 47	0 20	6 43	1 5	3 19	16 48	12 25	11 55	10 43	14 24	6 37	
T 13	23 7	23 29	5 6	21 59	0s 0	10 13	2 42	2 6	2 2	13 23	1 4	22 12	1 14	16 47	0 20	6 43	1 5	3 19	16 47	12 22	11 54	10 40	14 23	6 37	
F 14	23 11	19 0	4 51	22 19	0 7	10 31	2 44	1 55	2 3	13 20	1 3	22 12	1 14	16 46	0 20	6 43	1 4	3 19	16 47	12 20	11 53	10 37	14 23	6 37	
S 15	23 15	13 29	4 18	22 38	0 14	10 50	2 45	1 44	2 4	13 16	1 3	22 12	1 14	16 46	0 20	6 43	1 4	3 18	16 47	12 19	11 52	10 34	14 22	6 37	
S 16	23 18	7 16	3 29	22 55	0 21	11 9	2 47	1 33	2 5	13 13	1 3	22 12	1 14	16 45	0 20	6 42	1 4	3 18	16 46	12 19	11 50	10 31	14 21	6 36	
M17	23 21	0 45	2 28	23 12	0 28	11 28	2 49	1 22	2 5	13 9	1 3	22 12	1 14	16 45	0 20	6 42	1 4	3 18	16 46	12 19	11 49	10 28	14 21	6 36	
T 18	23 23	5n46	1 18	23 28	0 34	11 47	2 50	1 12	2 6	13 6	1 3	22 12	1 13	16 44	0 20	6 42	1 4	3 18	16 46	12 19	11 48	10 24	14 20	6 36	
W19	23 25	11 58	0 5	23 42	0 41	12 5	2 51	1 1	2 7	13 2	1 3	22 12	1 13	16 44	0 20	6 42	1 4	3 18	16 46	12 19	11 47	10 21	14 20	6 36	
T 20	23 26	17 31	1n 8	23 55	0 47	12 24	2 53	0 51	2 7	12 58	1 3	22 12	1 13	16 43	0 20	6 41	1 4	3 18	16 45	12 19	11 46	10 18	14 19	6 35	
F 21	23 27	22 7	2 16	24 7	0 53	12 43	2 53	0 40	2 8	12 55	1 3	22 11	1 13	16 43	0 20	6 41	1 4	3 18	16 45	12 18	11 45	10 15	14 18	6 35	
S 22	23 28	25 30	3 16	24 18	0 59	13 1	2 54	0 30	2 9	12 51	1 3	22 11	1 13	16 42	0 20	6 41	1 4	3 18	16 45	12 16	11 44	10 12	14 18	6 35	
S 23	23 27	27 26	4 4	24 28	1 4	13 20	2 55	0 20	2 10	12 47	1 2	22 11	1 13	16 42	0 20	6 40	1 4	3 18	16 44	12 13	11 43	10 9	14 17	6 35	
M24	23 27	27 50	4 38	24 36	1 10	13 38	2 55	0 9	2 10	12 43	1 2	22 11	1 13	16 42	0 20	6 40	1 4	3 18	16 44	12 10	11 42	10 6	14 16	6 34	
T 25	23 26	26 43	4 58	24 43	1 15	13 57	2 56	0s 1	2 11	12 39	1 2	22 11	1 13	16 41	0 20	6 39	1 4	3 18	16 44	12 6	11 40	10 2	14 15	6 34	
W26	23 24	24 18	5 3	24 48	1 21	14 15	2 56	0 11	2 12	12 35	1 2	22 11	1 13	16 41	0 20	6 39	1 4	3 17	16 43	12 2	11 39	9 59	14 15	6 34	
T 27	23 23	20 48	4 54	24 52	1 26	14 33	2 56	0 21	2 13	12 31	1 2	22 11	1 13	16 40	0 20	6 39	1 4	3 17	16 43	11 58	11 38	9 56	14 14	6 34	
F 28	23 20	16 30	4 32	24 55	1 30	14 51	2 56	0 30	2 14	12 27	1 2	22 11	1 12	16 40	0 20	6 38	1 4	3 17	16 43	11 55	11 37	9 53	14 13	6 34	
S 29	23 17	11 37	3 58	24 57	1 35	15 8	2 55	0 40	2 14	12 23	1 2	22 11	1 12	16 40	0 19	6 38	1 4	3 17	16 42	11 53	11 36	9 50	14 12	6 34	
S 30	23 14	6 20	3 14	24 57	1 39	15 26	2 55	0 49	2 15	12 19	1 2	22 11	1 12	16 39	0 19	6 37	1 4	3 17	16 42	11 51	11 35	9 47	14 12	6 33	
M31	23s10	0n50	2n22	24s55	1s43	15s43	2n55	0s59	2n16	12s15	1 s 2	22n11	1s12	16n39	0s19	6s37	1 s 4	3s17	16s42	11n51	11n34	9n44	14s11	6n33	