



Astrodienst Ephemeris Tables for the year 1802

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 1802
geocentric

JANUARY 1802

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	6 39 42	9♌56'10	24♍ 9	24♌26	21♌35	18♌32	5°R33	7°R21	6♌38	20♍51	4♌ 0	23°R53	24♌35	6♌54	15♌30	F 1
S 2	6 43 38	10°57'22	8♌25	25°55	22°51	19°16	5♍31	7♍20	6°39	20°53	4° 1	23♌44	24°32	7° 0	15°37	S 2
S 3	6 47 35	11°58'33	23° 7	27°25	24° 6	20° 0	5°29	7°18	6°39	20°54	4° 2	23°34	24°29	7° 7	15°44	S 3
M 4	6 51 31	12°59'44	8♌ 9	28°55	25°21	20°44	5°27	7°16	6°40	20°56	4° 3	23°22	24°26	7°14	15°50	M 4
T 5	6 55 28	14° 0'56	23°21	0♌26	26°36	21°27	5°24	7°15	6°40	20°57	4° 4	23°12	24°23	7°20	15°57	T 5
W 6	6 59 25	15° 2'07	8♌33	1°57	27°52	22°11	5°21	7°13	6°40	20°59	4° 5	23° 3	24°20	7°27	16° 3	W 6
T 7	7 3 21	16° 3'17	23°35	3°28	29° 7	22°55	5°18	7°11	6°41	21° 0	4° 6	22°58	24°16	7°34	16°10	T 7
F 8	7 7 18	17° 4'27	8♌37	5° 0	0♌22	23°39	5°15	7° 8	6°41	21° 2	4° 8	22°54	24°13	7°40	16°17	F 8
S 9	7 11 14	18° 5'37	22°37	6°32	1°38	24°23	5°12	7° 6	6°41	21° 3	4° 9	22°D54	24°10	7°47	16°23	S 9
S 10	7 15 11	19° 6'46	6♌31	8° 5	2°53	25° 8	5° 8	7° 4	6°41	21° 5	4°10	22°54	24° 7	7°54	16°29	S 10
M 11	7 19 7	20° 7'54	20° 2	9°38	4° 8	25°52	5° 4	7° 1	6°R41	21° 6	4°11	22°R54	24° 4	8° 0	16°36	M 11
T 12	7 23 4	21° 9'01	3♌10	11°12	5°23	26°36	5° 1	6°59	6°41	21° 7	4°13	22°54	24° 0	8° 7	16°42	T 12
W 13	7 27 0	22°10'08	16° 1	12°46	6°39	27°20	4°56	6°56	6°41	21° 9	4°14	22°51	23°57	8°14	16°48	W 13
T 14	7 30 57	23°11'15	28°36	14°21	7°54	28° 4	4°52	6°53	6°41	21°10	4°15	22°45	23°54	8°21	16°55	T 14
F 15	7 34 54	24°12'20	10♌59	15°56	9° 9	28°49	4°48	6°51	6°41	21°11	4°16	22°38	23°51	8°27	17° 1	F 15
S 16	7 38 50	25°13'25	23°12	17°32	10°24	29°33	4°43	6°48	6°41	21°12	4°18	22°28	23°48	8°34	17° 7	S 16
S 17	7 42 47	26°14'29	5♌17	19° 8	11°40	0♌17	4°39	6°45	6°40	21°14	4°19	22°16	23°45	8°41	17°13	S 17
M 18	7 46 43	27°15'32	17°16	20°45	12°55	1° 2	4°34	6°42	6°40	21°15	4°20	22° 5	23°41	8°47	17°19	M 18
T 19	7 50 40	28°16'35	29°11	22°22	14°10	1°46	4°29	6°38	6°40	21°16	4°22	21°54	23°38	8°54	17°25	T 19
W 20	7 54 36	29°17'37	11♌ 2	24° 0	15°25	2°31	4°23	6°35	6°39	21°17	4°23	21°46	23°35	9° 1	17°31	W 20
T 21	7 58 33	0♌18'38	22°51	25°38	16°40	3°15	4°18	6°32	6°39	21°18	4°25	21°39	23°32	9° 7	17°37	T 21
F 22	8 2 29	1°19'38	4♍40	27°17	17°56	4° 0	4°12	6°28	6°38	21°19	4°26	21°35	23°29	9°14	17°43	F 22
S 23	8 6 26	2°20'38	16°33	28°57	19°11	4°44	4° 7	6°25	6°38	21°20	4°27	21°D33	23°26	9°21	17°48	S 23
S 24	8 10 23	3°21'37	28°32	0♌38	20°26	5°29	4° 1	6°21	6°37	21°21	4°29	21°33	23°22	9°27	17°54	S 24
M 25	8 14 19	4°22'35	10♌41	2°19	21°41	6°14	3°55	6°18	6°36	21°22	4°30	21°34	23°19	9°34	18° 0	M 25
T 26	8 18 16	5°23'33	23° 6	4° 0	22°57	6°58	3°49	6°14	6°35	21°23	4°32	21°36	23°16	9°41	18° 5	T 26
W 27	8 22 12	6°24'30	5♍50	5°43	24°12	7°43	3°43	6°10	6°35	21°24	4°33	21°R36	23°13	9°47	18°11	W 27
T 28	8 26 9	7°25'27	18°58	7°25	25°27	8°28	3°36	6° 6	6°34	21°25	4°35	21°36	23°10	9°54	18°16	T 28
F 29	8 30 5	8°26'23	2♌33	9° 9	26°42	9°13	3°30	6° 2	6°33	21°26	4°36	21°33	23° 6	10° 1	18°22	F 29
S 30	8 34 2	9°27'18	16°38	10°53	27°58	9°57	3°23	5°58	6°32	21°26	4°38	21°29	23° 3	10° 7	18°27	S 30
S 31	8 37 58	10♌28'13	1♌10	12♌38	29♌13	10♌42	3♍17	5♍54	6♌31	21♍27	4♌39	21♌23	23♌ 0	10♌14	18♌32	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 6	23s 4	4s23	23s29	0s 8	22s42	0n30	23s18	0s20	10n31	1n 7	10n25	1n43	1s58	0n44	16s19	1n44	21s47	12s39	2s26	2s 9	22n15	18s 6	4n36	
S 2	23 1	26 31	4 51	23 40	0 15	22 49	0 27	23 23	0 21	10 32	1 7	10 26	1 43	1 58	0 44	16 20	1 44	21 47	12 39	2 29	2 10	22 13	18 7	4 36	
S 3	22 56	28 19	5 2	23 49	0 22	22 56	0 25	23 27	0 22	10 33	1 7	10 26	1 43	1 59	0 44	16 20	1 44	21 46	12 38	2 34	2 12	22 11	18 7	4 36	
M 4	22 50	28 4	4 52	23 57	0 29	23 1	0 22	23 31	0 22	10 34	1 8	10 27	1 44	1 59	0 44	16 21	1 44	21 46	12 38	2 38	2 13	22 8	18 8	4 37	
T 5	22 44	25 44	4 21	24 4	0 36	23 6	0 20	23 34	0 23	10 36	1 8	10 28	1 44	1 59	0 44	16 21	1 44	21 45	12 38	2 42	2 14	22 6	18 8	4 37	
W 6	22 37	21 34	3 32	24 10	0 43	23 10	0 17	23 38	0 23	10 37	1 8	10 29	1 44	1 59	0 44	16 21	1 44	21 44	12 38	2 46	2 15	22 4	18 8	4 38	
T 7	22 30	16 1	2 29	24 14	0 49	23 13	0 14	23 41	0 24	10 38	1 8	10 30	1 44	1 59	0 44	16 22	1 44	21 44	12 38	2 48	2 17	22 1	18 8	4 38	
F 8	22 23	9 40	1 17	24 18	0 55	23 16	0 12	23 44	0 25	10 40	1 9	10 31	1 45	1 59	0 44	16 22	1 44	21 43	12 37	2 49	2 18	21 59	18 9	4 38	
S 9	22 15	2 57	0 1	24 19	1 1	23 18	0 9	23 46	0 25	10 41	1 9	10 32	1 45	1 59	0 44	16 22	1 44	21 43	12 37	2 49	2 19	21 57	18 9	4 39	
S 10	22 6	3n42	1n12	24 20	1 7	23 19	0 7	23 49	0 26	10 43	1 9	10 33	1 45	1 59	0 44	16 23	1 44	21 42	12 37	2 49	2 20	21 54	18 9	4 39	
M 11	21 57	9 59	2 19	24 19	1 13	23 20	0 4	23 51	0 27	10 44	1 9	10 34	1 45	1 59	0 44	16 23	1 44	21 41	12 37	2 49	2 22	21 52	18 9	4 39	
T 12	21 48	15 41	3 17	24 17	1 18	23 20	0 2	23 53	0 27	10 46	1 10	10 36	1 46	1 59	0 44	16 23	1 44	21 41	12 37	2 49	2 23	21 50	18 10	4 40	
W 13	21 38	20 32	4 4	24 14	1 23	23 19	0s 1	23 54	0 28	10 48	1 10	10 37	1 46	1 59	0 44	16 23	1 44	21 40	12 37	2 51	2 24	21 47	18 10	4 40	
T 14	21 28	24 23	4 38	24 9	1 28	23 17	0 3	23 56	0 29	10 49	1 10	10 38	1 46	1 59	0 44	16 24	1 44	21 39	12 36	2 53	2 25	21 45	18 10	4 41	
F 15	21 18	27 2	4 58	24 3	1 32	23 15	0 6	23 57	0 29	10 51	1 10	10 39	1 46	1 59	0 44	16 24	1 44	21 39	12 36	2 56	2 27	21 43	18 10	4 41	
S 16	21 7	28 21	5 4	23 55	1 37	23 12	0 8	23 58	0 30	10 53	1 11	10 41	1 46	1 59	0 44	16 24	1 44	21 38	12 36	3 0	2 28	21 40	18 10	4 41	
S 17	20 56	28 18	4 57	23 46	1 41	23 8	0 11	23 59	0 31	10 55	1 11	10 42	1 47	1 59	0 44	16 25	1 44	21 37	12 36	3 4	2 29	21 38	18 11	4 42	
M 18	20 44	26 55	4 36	23 35	1 45	23 4	0 13	23 59	0 31	10 57	1 11	10 43	1 47	1 58	0 44	16 25	1 44	21 37	12 36	3 9	2 31	21 35	18 11	4 42	
T 19	20 32	24 18	4 3	23 23	1 48	22 58	0 16	23 59	0 32	10 59	1 11	10 45	1 47	1 58	0 44	16 25	1 44	21 36	12 36	3 13	2 32	21 33	18 11	4 43	
W 20	20 19	20 41	3 20	23 10	1 51	22 52	0 18	23 59	0 33	11 1	1 11	10 46	1 47	1 58	0 44	16 25	1 44	21 35	12 35	3 16	2 33	21 31	18 11	4 43	
T 21	20 6	16 15	2 28	22 55	1 54	22 46	0 21	23 59	0 33	11 3	1 12	10 47	1 48	1 58	0 44	16 26	1 45	21 35	12 35	3 19	2 34	21 28	18 11	4 44	
F 22	19 53	11 12	1 30	22 38	1 57	22 39	0 23	23 58	0 34	11 6	1 12	10 49	1 48	1 57	0 44	16 26	1 45	21 34	12 35	3 21	2 36	21 26	18 11	4 44	
S 23	19 40	5 44	0 27	22 20	1 59	22 31	0 25	23 58	0 35	11 8	1 12	10 50	1 48	1 57	0 44	16 26	1 45	21 33	12 35	3 21	2 37	21 23	18 11	4 45	
S 24	19 26	0 1	0s38	22 1	2 1	22 22	0 28	23 56	0 35	11 10	1 12	10 52	1 48	1 57	0 44	16 26	1 45	21 33	12 35	3 21	2 38	21 21	18 11	4 45	
M 25	19 11	5s48	1 42	21 39	2 2	22 13	0 30	23 55	0 36	11 13	1 13	10 53	1 48	1 57	0 45	16 26	1 45	21 32	12 35	3 21	2 39	21 19	18 11	4 45	
T 26	18 57	11 30	2 42	21 17	2 4	22 3	0 32	23 54	0 37	11 15	1 13	10 55	1 49	1 56	0 45	16 27	1 45	21 32	12 35	3 20	2 41	21 16	18 11	4 46	
W 27	18 42	16 53	3 36	20 52	2 4	21 52	0 34	23 52	0 37	11 18	1 13	10 57	1 49	1 56	0 45	16 27	1 45	21 31	12 35	3 20	2 42	21 14	18 11	4 46	
T 28	18 26	21 40	4 21	20 27	2 5	21 40	0 37	23 50	0 38	11 20	1 13	10 58	1 49	1 56	0 45	16 27	1 45	21 30	12 35	3 20	2 43	21 11	18 11	4 47	
F 29	18 10	25 29	4 53	19 59	2 5	21 28	0 39	23 47	0 39	11 23	1 13	11 0	1 49	1 55	0 45	16 27	1 45	21 30	12 34	3 21	2 44	21 9	18 11	4 47	
S 30	17 54	27 55	5 9	19 31	2 4	21 16	0 41	23 45	0 39	11 25	1 14	11 1	1 49	1 55	0 45	16 27	1 45	21 29	12 34	3 23	2 46	21 6	18 11	4 48	
S 31	17s38	28s33	5s 5	19s 0	2s 3	21s 2	0s43	23s42	0s40	11n28	1n14	11n 3	1n49	1s54	0n45	16s27	1n45	21s28	12s34	3s25	2s47	21n 4	18s11	4n48	

ASTRODIENST EPHEMERIS for the year 1802

geocentric

FEBRUARY 1802

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	8 41 55	11 ²⁹ 06	16 ³⁸ 7	14 ²² 24	0 ²² 28	11 ²⁸ 27	3 ⁰ R10	5 ⁰ R50	6 ⁰ R30	21 ⁰ M28	4 ⁰ K41	21 ⁰ R17	22 ⁰ K57	10 ⁰ Q21	18 ⁰ 738	M 1
T 2	8 45 52	12 ²⁹ 59	1 ²² 19	16 ¹⁰ 10	1 ⁴³	12 ¹²	3 ⁰ M3	5 ⁰ M46	6 ⁰ Q29	21 ⁰ 29	4 ⁰ 42	21 ⁰ K11	22 ⁰ 54	10 ⁰ 28	18 ⁰ 43	T 2
W 3	8 49 48	13 ³⁰ 50	16 ³⁶	17 ⁵⁷	2 ⁵⁸	12 ⁵⁷	2 ⁵⁶	5 ⁴²	6 ²⁷	21 ⁰ 29	4 ⁴⁴	21 ⁰ 6	22 ⁰ 51	10 ⁰ 34	18 ⁰ 48	W 3
T 4	8 53 45	14 ³¹ 40	1 ³⁸ 49	19 ⁴⁴	4 ¹⁴	13 ⁴²	2 ⁴⁹	5 ³⁸	6 ²⁶	21 ⁰ 30	4 ⁴⁶	21 ⁰ 3	22 ⁰ 47	10 ⁰ 41	18 ⁰ 53	T 4
F 5	8 57 41	15 ³² 29	16 ⁴⁷	21 ³²	5 ²⁹	14 ²⁷	2 ⁴¹	5 ³³	6 ²⁵	21 ⁰ 31	4 ⁴⁷	21 ⁰ D 1	22 ⁰ 44	10 ⁰ 48	18 ⁰ 58	F 5
S 6	9 1 38	16 ³³ 16	1 ⁰ 22	23 ²¹	6 ⁴⁴	15 ¹²	2 ³⁴	5 ²⁹	6 ²³	21 ⁰ 31	4 ⁴⁹	21 ⁰ 1	22 ⁰ 41	10 ⁰ 54	19 ⁰ 3	S 6
S 7	9 5 34	17 ³⁴ 02	15 ³²	25 ⁰ 9	7 ⁵⁹	15 ⁵⁸	2 ²⁷	5 ²⁴	6 ²²	21 ⁰ 32	4 ⁵⁰	21 ⁰ 3	22 ⁰ 38	11 ⁰ 1	19 ⁰ 8	S 7
M 8	9 9 31	18 ³⁴ 46	29 ¹³	26 ⁵⁸	9 ¹⁴	16 ⁴³	2 ¹⁹	5 ²⁰	6 ²¹	21 ⁰ 32	4 ⁵²	21 ⁰ 4	22 ⁰ 35	11 ⁰ 8	19 ⁰ 12	M 8
T 9	9 13 27	19 ³⁵ 29	12 ²⁸ 29	28 ⁴⁷	10 ³⁰	17 ²⁸	2 ¹²	5 ¹⁵	6 ¹⁹	21 ⁰ 33	4 ⁵³	21 ⁰ 6	22 ⁰ 32	11 ⁰ 14	19 ⁰ 17	T 9
W10	9 17 24	20 ³⁶ 09	25 ²²	0 ³⁸ 36	11 ⁴⁵	18 ¹³	2 ⁰ 4	5 ¹¹	6 ¹⁸	21 ⁰ 33	4 ⁵⁵	21 ⁰ R 6	22 ⁰ 28	11 ⁰ 21	19 ⁰ 22	W10
T 11	9 21 21	21 ³⁶ 49	7 ⁰ 55	2 ²⁴	13 ⁰	18 ⁵⁸	1 ⁵⁷	5 ⁰ 6	6 ¹⁶	21 ⁰ 33	4 ⁵⁷	21 ⁰ 4	22 ⁰ 25	11 ⁰ 28	19 ⁰ 26	T 11
F 12	9 25 17	22 ³⁷ 26	20 ¹³	4 ¹²	14 ¹⁵	19 ⁴⁴	1 ⁴⁹	5 ⁰ 2	6 ¹⁵	21 ⁰ 34	4 ⁵⁸	21 ⁰ 2	22 ⁰ 22	11 ⁰ 34	19 ⁰ 31	F 12
S 13	9 29 14	23 ³⁸ 02	2 ⁰ 59	5 ⁵⁹	15 ³⁰	20 ²⁹	1 ⁴¹	4 ⁵⁷	6 ¹³	21 ⁰ 34	5 ⁰ 0	20 ⁵⁸	22 ⁰ 19	11 ⁰ 41	19 ⁰ 35	S 13
S 14	9 33 10	24 ³⁸ 37	14 ¹⁶	7 ⁴⁵	16 ⁴⁵	21 ¹⁴	1 ³³	4 ⁵²	6 ¹¹	21 ⁰ 34	5 ⁰ 2	20 ⁵³	22 ⁰ 16	11 ⁰ 48	19 ⁰ 39	S 14
M15	9 37 7	25 ³⁹ 09	26 ⁰ 9	9 ³⁰	18 ⁰	22 ⁰ 0	1 ²⁶	4 ⁴⁷	6 ⁰ 9	21 ⁰ 35	5 ⁰ 3	20 ⁴⁹	22 ⁰ 12	11 ⁰ 54	19 ⁰ 43	M15
T 16	9 41 3	26 ³⁹ 40	7 ⁰ 59	11 ¹³	19 ¹⁵	22 ⁴⁵	1 ¹⁸	4 ⁴³	6 ⁰ 8	21 ⁰ 35	5 ⁰ 5	20 ⁴⁴	22 ⁰ 9	12 ⁰ 1	19 ⁰ 47	T 16
W17	9 45 0	27 ⁴⁰ 09	19 ⁴⁹	12 ⁵³	20 ³⁰	23 ³⁰	1 ¹⁰	4 ³⁸	6 ⁰ 6	21 ⁰ 35	5 ⁰ 6	20 ⁴¹	22 ⁰ 6	12 ⁰ 8	19 ⁰ 52	W17
T 18	9 48 56	28 ⁴⁰ 37	1 ⁰ 40	14 ³¹	21 ⁴⁶	24 ¹⁶	1 ⁰ 2	4 ³³	6 ⁰ 4	21 ⁰ 35	5 ⁰ 8	20 ³⁸	22 ⁰ 3	12 ⁰ 14	19 ⁰ 55	T 18
F 19	9 52 53	29 ⁴¹ 03	13 ³⁵	16 ⁰ 6	23 ⁰ 1	25 ⁰ 1	0 ⁵⁴	4 ²⁸	6 ⁰ 2	21 ⁰ 35	5 ¹⁰	20 ³⁷	22 ⁰ 0	12 ⁰ 21	19 ⁰ 59	F 19
S 20	9 56 50	0 ⁴¹ 27	25 ³⁵	17 ³⁶	24 ¹⁶	25 ⁴⁷	0 ⁴⁶	4 ²⁴	6 ⁰ 0	21 ⁰ 35	5 ¹¹	20 ³³	21 ⁰ 57	12 ⁰ 28	20 ⁰ 3	S 20
S 21	10 0 46	1 ⁴¹ 50	7 ⁰ 43	19 ⁰ 2	25 ³¹	26 ³²	0 ³⁸	4 ¹⁹	5 ⁵⁸	21 ⁰ 36	5 ¹³	20 ³⁸	21 ⁰ 53	12 ⁰ 34	20 ⁰ 7	S 21
M22	10 4 43	2 ⁴² 11	20 ⁰ 2	20 ²³	26 ⁴⁶	27 ¹⁸	0 ³⁰	4 ¹⁴	5 ⁵⁶	21 ⁰ R36	5 ¹⁵	20 ³⁹	21 ⁰ 50	12 ⁰ 41	20 ⁰ 11	M22
T 23	10 8 39	3 ⁴² 31	2 ⁰ M33	21 ³⁸	28 ⁰ 1	28 ⁰ 4	0 ²³	4 ⁰ 9	5 ⁵⁴	21 ⁰ 36	5 ¹⁶	20 ⁴¹	21 ⁰ 47	12 ⁰ 48	20 ⁰ 14	T 23
W24	10 12 36	4 ⁴² 49	15 ²¹	22 ⁴⁶	29 ¹⁶	28 ⁴⁹	0 ¹⁵	4 ⁰ 4	5 ⁵²	21 ⁰ 36	5 ¹⁸	20 ⁴²	21 ⁰ 44	12 ⁰ 54	20 ⁰ 18	W24
T 25	10 16 32	5 ⁴³ 06	28 ²⁸	23 ⁴⁸	0 ³⁸ 31	29 ³⁵	0 ⁰ 7	4 ⁰ 0	5 ⁵⁰	21 ⁰ 35	5 ²⁰	20 ⁴³	21 ⁰ 41	13 ⁰ 1	20 ⁰ 21	T 25
F 26	10 20 29	6 ⁴³ 22	11 ⁰ 57	24 ⁴²	1 ⁴⁶	0 ²² 20	29 ⁰ 59	3 ⁵⁵	5 ⁴⁸	21 ⁰ 35	5 ²¹	20 ⁴³	21 ⁰ 38	13 ⁰ 8	20 ⁰ 24	F 26
S 27	10 24 25	7 ⁴³ 36	25 ⁴⁹	25 ²⁷	3 ⁰ 1	1 ⁰ 6	29 ⁵¹	3 ⁵⁰	5 ⁴⁶	21 ⁰ 35	5 ²³	20 ⁴²	21 ⁰ 34	13 ⁰ 14	20 ⁰ 27	S 27
S 28	10 28 22	8 ⁴³ 49	10 ⁰ 5	26 ³⁸ 5	4 ³⁸ 16	1 ²² 52	29 ⁰ 44	3 ⁰ M45	5 ⁰ 44	21 ⁰ M35	5 ²⁵	20 ⁴¹	21 ⁰ K31	13 ⁰ 21	20 ⁰ 31	S 28

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	17s21	27s 9	4s41	18s28	2s 2	20s49	0s45	23s39	0s40	11n30	1n14	11n 5	1n50	1s54	0n45	16s28
T 2	17 4	23 45	3 58	17 55	2 0	20 34	0 47	23 35	0 41	11 33	1 14	11 6	1 50	1 53	0 45	16 28
W 3	16 47	18 41	2 56	17 20	1 57	20 19	0 49	23 32	0 42	11 36	1 14	11 8	1 50	1 53	0 45	16 28
T 4	16 30	12 26	1 43	16 43	1 54	20 3	0 51	23 28	0 42	11 39	1 14	11 10	1 50	1 52	0 45	16 28
F 5	16 12	5 35	0 23	16 5	1 50	19 47	0 53	23 24	0 43	11 41	1 15	11 12	1 50	1 52	0 45	16 28
S 6	15 54	1n24	0n56	15 26	1 46	19 30	0 55	23 19	0 44	11 44	1 15	11 13	1 50	1 51	0 45	16 28
S 7	15 35	8 7	2 10	14 45	1 42	19 12	0 57	23 15	0 44	11 47	1 15	11 15	1 51	1 51	0 45	16 28
M 8	15 17	14 14	3 14	14 3	1 36	18 54	0 59	23 10	0 45	11 50	1 15	11 17	1 51	1 50	0 45	16 28
T 9	14 58	19 29	4 5	13 19	1 30	18 36	1 0	23 5	0 46	11 53	1 15	11 19	1 51	1 49	0 45	16 28
W10	14 38	23 41	4 42	12 35	1 23	18 17	1 2	22 59	0 46	11 55	1 15	11 21	1 51	1 49	0 45	16 28
T 11	14 19	26 40	5 5	11 49	1 16	17 57	1 4	22 54	0 47	11 58	1 16	11 22	1 51	1 48	0 45	16 28
F 12	13 59	28 19	5 13	11 2	1 8	17 37	1 5	22 48	0 48	12 1	1 16	11 24	1 51	1 48	0 45	16 28
S 13	13 39	28 34	5 7	10 15	0 59	17 16	1 7	22 42	0 48	12 4	1 16	11 26	1 51	1 47	0 45	16 28
S 14	13 19	27 28	4 48	9 26	0 50	16 55	1 8	22 36	0 49	12 7	1 16	11 28	1 51	1 46	0 45	16 28
M15	12 59	25 8	4 16	8 38	0 40	16 33	1 10	22 29	0 50	12 10	1 16	11 30	1 52	1 45	0 45	16 28
T 16	12 39	21 44	3 33	7 49	0 29	16 11	1 11	22 22	0 50	12 13	1 16	11 32	1 52	1 45	0 45	16 28
W17	12 18	17 27	2 42	7 0	0 17	15 49	1 12	22 15	0 51	12 16	1 16	11 33	1 52	1 44	0 45	16 28
T 18	11 57	12 29	1 43	6 11	0 5	15 26	1 14	22 8	0 51	12 19	1 16	11 35	1 52	1 43	0 45	16 28
F 19	11 36	7 4	0 39	5 23	0n 7	15 2	1 15	22 0	0 52	12 21	1 16	11 37	1 52	1 42	0 45	16 28
S 20	11 14	1 20	0s27	4 35	0 21	14 39	1 16	21 53	0 53	12 24	1 17	11 39	1 52	1 42	0 45	16 28
S 21	10 53	4s30	1 33	3 49	0 34	14 14	1 17	21 45	0 53	12 27	1 17	11 41	1 52	1 41	0 45	16 28
M22	10 31	10 14	2 36	3 4	0 49	13 50	1 18	21 36	0 54	12 30	1 17	11 43	1 52	1 40	0 45	16 28
T 23	10 10	15 41	3 32	2 22	1 3	13 25	1 19	21 28	0 55	12 33	1 17	11 45	1 52	1 39	0 45	16 28
W24	9 48	20 34	4 19	1 41	1 18	12 59	1 20	21 19	0 55	12 36	1 17	11 46	1 52	1 38	0 45	16 28
T 25	9 26	24 36	4 53	1 3	1 32	12 34	1 21	21 10	0 56	12 39	1 17	11 48	1 53	1 38	0 45	16 28
F 26	9 3	27 25	5 13	0 28	1 47	12 8	1 22	21 1	0 56	12 41	1 17	11 50	1 53	1 37	0 45	16 28
S 27	8 41	28 39	5 15	0n 3	2 2	11 41	1 22	20 52	0 57	12 44	1 17	11 52	1 53	1 36	0 45	16 28
S 28	8s18	28s 3	4s59	0n31	2n16	11s15	1s23	20s42	0s58	12n47	1n17	11n54	1n53	1s35	0n45	16s28

Julian Day Number = 2379257.5, Delta T = 17.64 sec
 Ecliptic obliquity = 23°28'03, Nutation = 0°00'04, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°58'37, Lahiri = 21°05'37

ASTRODIENST EPHEMERIS for the year 1802

geocentric

MARCH 1802

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	10 32 19	9♂44'00	24♂43	26♂33	5♂31	2♂38	29♂R36	3♂R40	5♂R41	21♂R35	5♂26	20♂R40	21♂28	13♂28	20♂34	M 1
T 2	10 36 15	10°44'09	9♂37	26°52	6°46	3°23	29♂28	3♂36	5♂39	21♂35	5°28	20♂38	21°25	13°34	20°36	T 2
W 3	10 40 12	11°44'17	24°40	27° 2	8° 0	4° 9	29°21	3°31	5°37	21°34	5°29	20°38	21°22	13°41	20°39	W 3
T 4	10 44 8	12°44'23	9♂45	27°R 2	9°15	4°55	29°13	3°26	5°35	21°34	5°31	20°37	21°18	13°48	20°42	T 4
F 5	10 48 5	13°44'27	24°41	26°54	10°30	5°41	29° 6	3°21	5°32	21°34	5°33	20°D37	21°15	13°55	20°45	F 5
S 6	10 52 1	14°44'29	9♂22	26°36	11°45	6°27	28°58	3°17	5°30	21°33	5°34	20°37	21°12	14° 1	20°47	S 6
S 7	10 55 58	15°44'29	23°40	26°11	13° 0	7°13	28°51	3°12	5°27	21°33	5°36	20°38	21° 9	14° 8	20°50	S 7
M 8	10 59 54	16°44'27	7♂32	25°37	14°15	7°58	28°44	3° 7	5°25	21°32	5°38	20°38	21° 6	14°15	20°52	M 8
T 9	11 3 51	17°44'23	20°57	24°57	15°30	8°44	28°36	3° 3	5°23	21°32	5°39	20°38	21° 3	14°21	20°54	T 9
W10	11 7 48	18°44'17	3♂58	24°11	16°45	9°30	28°29	2°58	5°20	21°31	5°41	20°39	20°59	14°28	20°57	W10
T 11	11 11 44	19°44'08	16°36	23°21	17°59	10°16	28°22	2°54	5°18	21°31	5°43	20°R39	20°56	14°35	20°59	T 11
F 12	11 15 41	20°43'57	28°55	22°27	19°14	11° 2	28°16	2°49	5°15	21°30	5°44	20°D39	20°53	14°41	21° 1	F 12
S 13	11 19 37	21°43'44	11♂0	21°30	20°29	11°48	28° 9	2°45	5°13	21°30	5°46	20°39	20°50	14°48	21° 3	S 13
S 14	11 23 34	22°43'29	22°55	20°33	21°44	12°34	28° 2	2°40	5°10	21°29	5°47	20°39	20°47	14°55	21° 5	S 14
M15	11 27 30	23°43'12	4♂45	19°36	22°58	13°20	27°56	2°36	5° 8	21°28	5°49	20°39	20°43	15° 1	21° 6	M15
T 16	11 31 27	24°42'52	16°34	18°41	24°13	14° 6	27°49	2°32	5° 5	21°28	5°50	20°40	20°40	15° 8	21° 8	T 16
W17	11 35 23	25°42'30	28°25	17°48	25°28	14°52	27°43	2°27	5° 3	21°27	5°52	20°40	20°37	15°15	21° 9	W17
T 18	11 39 20	26°42'06	10♂20	16°59	26°43	15°38	27°37	2°23	5° 0	21°26	5°54	20°40	20°34	15°21	21°11	T 18
F 19	11 43 17	27°41'39	22°23	16°14	27°57	16°24	27°31	2°19	4°58	21°26	5°55	20°R40	20°31	15°28	21°12	F 19
S 20	11 47 13	28°41'11	4♂36	15°34	29°12	17°10	27°25	2°15	4°55	21°25	5°57	20°40	20°28	15°35	21°13	S 20
S 21	11 51 10	29°40'41	16°59	14°59	0♂27	17°56	27°19	2°11	4°52	21°24	5°58	20°40	20°24	15°41	21°15	S 21
M22	11 55 6	0♂40'09	29°34	14°30	1°41	18°42	27°14	2° 7	4°50	21°23	6° 0	20°38	20°21	15°48	21°16	M22
T 23	11 59 3	1°39'34	12♂22	14° 7	2°56	19°28	27° 8	2° 3	4°47	21°22	6° 1	20°37	20°18	15°55	21°17	T 23
W24	12 2 59	2°38'59	25°24	13°50	4°10	20°15	27° 3	1°59	4°45	21°21	6° 3	20°35	20°15	16° 1	21°17	W24
T 25	12 6 56	3°38'21	8♂42	13°39	5°25	21° 1	26°58	1°56	4°42	21°20	6° 4	20°34	20°12	16° 8	21°18	T 25
F 26	12 10 52	4°37'41	22°14	13°D34	6°39	21°47	26°53	1°52	4°39	21°19	6° 6	20°33	20° 9	16°15	21°19	F 26
S 27	12 14 49	5°37'00	6♂3	13°34	7°54	22°33	26°48	1°48	4°37	21°18	6° 7	20°D33	20° 5	16°21	21°19	S 27
S 28	12 18 46	6°36'17	20° 7	13°40	9° 9	23°19	26°43	1°45	4°34	21°17	6° 9	20°33	20° 2	16°28	21°20	S 28
M29	12 22 42	7°35'33	4♂26	13°52	10°23	24° 5	26°39	1°41	4°32	21°16	6°10	20°34	19°59	16°35	21°20	M29
T 30	12 26 39	8°34'46	18°56	14° 9	11°38	24°51	26°34	1°38	4°29	21°15	6°12	20°35	19°56	16°41	21°21	T 30
W31	12 30 35	9°33'58	3♂35	14♂30	12♂52	25♂38	26♂30	1♂35	4♂26	21♂14	6♂13	20♂36	19♂53	16♂48	21♂21	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	7s56	25s31	4s23	0n55	2n29	10s48	1s24	20s32	0s58	12n50	1n17	11n55	1n53	1s34	0n45	16s28
T 2	7 33	21 13	3 28	1 14	2 42	10 20	1 24	20 22	0 59	12 52	1 17	11 57	1 53	1 33	0 45	16 28
W 3	7 10	15 30	2 19	1 29	2 54	9 53	1 25	20 12	0 59	12 55	1 17	11 59	1 53	1 32	0 45	16 27
T 4	6 47	8 51	1 0	1 39	3 5	9 25	1 25	20 2	1 0	12 58	1 17	12 1	1 53	1 31	0 45	16 27
F 5	6 24	1 46	0n23	1 45	3 15	8 57	1 25	19 51	1 1	13 0	1 17	12 3	1 53	1 30	0 46	16 27
S 6	6 1	5n17	1 42	1 45	3 23	8 29	1 26	19 40	1 1	13 3	1 17	12 4	1 53	1 29	0 46	16 27
S 7	5 38	11 53	2 53	1 41	3 30	8 0	1 26	19 29	1 2	13 6	1 17	12 6	1 53	1 28	0 46	16 27
M 8	5 14	17 42	3 52	1 33	3 35	7 32	1 26	19 18	1 2	13 8	1 17	12 8	1 53	1 27	0 46	16 27
T 9	4 51	22 27	4 36	1 19	3 38	7 3	1 26	19 6	1 3	13 11	1 17	12 9	1 53	1 26	0 46	16 27
W10	4 28	25 57	5 4	1 2	3 39	6 34	1 26	18 55	1 3	13 13	1 17	12 11	1 53	1 26	0 46	16 26
T 11	4 4	28 3	5 17	0 41	3 38	6 4	1 26	18 43	1 4	13 15	1 17	12 13	1 53	1 25	0 46	16 26
F 12	3 41	28 42	5 14	0 17	3 35	5 35	1 26	18 31	1 5	13 18	1 17	12 14	1 53	1 24	0 46	16 26
S 13	3 17	27 57	4 58	0s 9	3 30	5 5	1 26	18 19	1 5	13 20	1 17	12 16	1 53	1 23	0 46	16 26
S 14	2 53	25 56	4 29	0 38	3 23	4 36	1 26	18 6	1 6	13 22	1 17	12 18	1 53	1 22	0 46	16 26
M15	2 30	22 47	3 48	1 8	3 14	4 6	1 25	17 54	1 6	13 25	1 17	12 19	1 53	1 21	0 46	16 25
T 16	2 6	18 43	2 58	1 39	3 4	3 36	1 25	17 41	1 7	13 27	1 17	12 21	1 53	1 20	0 46	16 25
W17	1 42	13 55	2 1	1 20	2 53	3 6	1 25	17 28	1 7	13 29	1 17	12 22	1 53	1 19	0 46	16 25
T 18	1 19	8 35	0 57	2 41	2 40	2 36	1 24	17 15	1 8	13 31	1 17	12 24	1 53	1 18	0 46	16 25
F 19	0 55	2 53	0s10	3 11	2 26	2 5	1 24	17 2	1 8	13 33	1 17	12 25	1 53	1 16	0 46	16 24
S 20	0 31	3s 0	1 16	3 40	2 12	1 35	1 23	16 48	1 9	13 35	1 17	12 27	1 53	1 15	0 46	16 24
S 21	0 8	8 51	2 21	4 7	1 57	1 5	1 22	16 35	1 10	13 37	1 17	12 28	1 53	1 14	0 46	16 24
M22	0n16	14 26	3 19	4 32	1 42	0 35	1 22	16 21	1 10	13 39	1 17	12 29	1 53	1 13	0 46	16 24
T 23	0 40	19 31	4 9	4 55	1 27	0 4	1 21	16 7	1 11	13 41	1 16	12 31	1 53	1 12	0 46	16 23
W24	1 3	23 46	4 47	5 16	1 11	0n26	1 20	15 53	1 11	13 42	1 16	12 32	1 53	1 11	0 46	16 23
T 25	1 27	26 52	5 10	5 34	0 56	0 57	1 19	15 38	1 12	13 44	1 16	12 33	1 53	1 10	0 46	16 23
F 26	1 50	28 30	5 16	5 50	0 41	1 27	1 18	15 24	1 12	13 46	1 16	12 35	1 53	1 9	0 46	16 22
S 27	2 14	28 24	5 5	6 4	0 26	1 58	1 17	15 9	1 13	13 47	1 16	12 36	1 53	1 8	0 46	16 22
S 28	2 38	26 30	4 35	6 15	0 12	2 28	1 16	14 55	1 13	13 49	1 16	12 37	1 53	1 7	0 46	16 22
M29	3 1	22 52	3 48	6 23	0s 2	2 58	1 15	14 40	1 14	13 50	1 16	12 38	1 53	1 6	0 46	16 22
T 30	3 24	17 48	2 46	6 29	0 16	3 28	1 14	14 25	1 14	13 52	1 16	12 40	1 53	1 5	0 46	16 21
W31	3n48	11s39	1s33	6s33	0s28	3n59	1s12	14s10	1s15	13n53	1n16	12n41	1n53	1s 4	0n46	16s21

Julian Day Number = 2379285.5, Delta T = 17.60 sec
 Ecliptic obliquity = 23°28'03, Nutation = 0°00'04, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°58'41, Lahiri = 21°05'41

ASTRODIENST EPHEMERIS for the year 1802
geocentric

MAY 1802

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	14 32 48	9♌52'02	26♋4	21♊3	21♋11	19♌27	25♎49	0°R39	3°R14	20°R31	6♌49	19°R38	18♌14	20♎15	20°R40	S 1
S 2	14 36 45	10°50'12	9♌57	22°48	22°25	20°13	25°51	0♎39	3♌12	20♎29	6°50	19♌32	18°11	20°21	20♌38	S 2
M 3	14 40 41	11°48'21	23°35	24°35	23°38	20°58	25°53	0°D39	3°11	20°28	6°51	19°24	18° 8	20°28	20°35	M 3
T 4	14 44 38	12°46'28	6♎55	26°23	24°52	21°44	25°55	0°39	3° 9	20°26	6°52	19°15	18° 5	20°35	20°32	T 4
W 5	14 48 35	13°44'33	19°56	28°14	26° 6	22°30	25°57	0°39	3° 7	20°25	6°53	19° 5	18° 1	20°41	20°29	W 5
T 6	14 52 31	14°42'36	2♌36	0♌ 6	27°20	23°16	25°59	0°39	3° 5	20°23	6°54	18°57	17°58	20°48	20°27	T 6
F 7	14 56 28	15°40'37	14°59	2° 0	28°34	24° 2	26° 2	0°40	3° 4	20°21	6°54	18°51	17°55	20°55	20°24	F 7
S 8	15 0 24	16°38'37	27° 6	3°56	29°47	24°47	26° 4	0°40	3° 2	20°20	6°55	18°47	17°52	21° 1	20°20	S 8
S 9	15 4 21	17°36'35	9♎ 2	5°53	1♎ 1	25°33	26° 7	0°41	3° 0	20°18	6°56	18°45	17°49	21° 8	20°17	S 9
M10	15 8 17	18°34'31	20°53	7°53	2°15	26°19	26°10	0°41	2°59	20°16	6°57	18°D44	17°46	21°15	20°14	M10
T 11	15 12 14	19°32'25	2♎42	9°54	3°28	27° 4	26°13	0°42	2°57	20°15	6°57	18°45	17°42	21°21	20°11	T 11
W12	15 16 11	20°30'17	14°36	11°57	4°42	27°50	26°17	0°43	2°56	20°13	6°58	18°R46	17°39	21°28	20° 8	W12
T 13	15 20 7	21°28'07	26°40	14° 1	5°56	28°36	26°20	0°44	2°54	20°12	6°58	18°45	17°36	21°34	20° 4	T 13
F 14	15 24 4	22°25'56	8♌57	16° 7	7° 9	29°21	26°24	0°45	2°53	20°10	6°59	18°43	17°33	21°41	20° 1	F 14
S 15	15 28 0	23°23'43	21°32	18°15	8°23	0♊ 7	26°28	0°46	2°51	20° 8	7° 0	18°39	17°30	21°48	19°57	S 15
S 16	15 31 57	24°21'29	4♎27	20°23	9°36	0°52	26°32	0°47	2°50	20° 7	7° 0	18°32	17°26	21°54	19°54	S 16
M17	15 35 53	25°19'13	17°42	22°33	10°50	1°38	26°36	0°49	2°49	20° 5	7° 1	18°23	17°23	22° 1	19°50	M17
T 18	15 39 50	26°16'56	1♌17	24°44	12° 3	2°23	26°41	0°50	2°48	20° 3	7° 1	18°13	17°20	22° 8	19°47	T 18
W19	15 43 46	27°14'37	15° 9	26°55	13°17	3° 8	26°45	0°52	2°47	20° 2	7° 2	18° 2	17°17	22°14	19°43	W19
T 20	15 47 43	28°12'18	29° 6	14°30	3°54	26°50	0°54	2°45	2°40	20° 0	7° 2	17°52	17°14	22°21	19°39	T 20
F 21	15 51 40	29° 9'57	13♌24	1♎18	15°44	4°39	26°55	0°55	2°44	19°59	7° 3	17°44	17°11	22°28	19°36	F 21
S 22	15 55 36	0♎ 7'35	27°39	3°29	16°57	5°24	27° 0	0°57	2°43	19°57	7° 3	17°38	17° 7	22°34	19°32	S 22
S 23	15 59 33	1° 5'12	11♌54	5°40	18°10	6°10	27° 5	0°59	2°42	19°55	7° 3	17°34	17° 4	22°41	19°28	S 23
M24	16 3 29	2° 2'48	26° 5	7°51	19°24	6°55	27°10	1° 2	2°41	19°54	7° 4	17°33	17° 1	22°48	19°24	M24
T 25	16 7 26	3° 0'23	10♌12	10° 0	20°37	7°40	27°15	1° 4	2°40	19°52	7° 4	17°33	16°58	22°54	19°20	T 25
W26	16 11 22	3°57'58	24°13	12° 8	21°50	8°25	27°21	1° 6	2°40	19°51	7° 5	17°33	16°55	23° 1	19°16	W26
T 27	16 15 19	4°55'31	8♊ 7	14°15	23° 4	9°10	27°27	1° 8	2°39	19°49	7° 5	17°32	16°52	23° 8	19°12	T 27
F 28	16 19 15	5°53'03	21°55	16°20	24°17	9°55	27°33	1°11	2°38	19°48	7° 5	17°28	16°48	23°14	19° 8	F 28
S 29	16 23 12	6°50'35	5♌34	18°23	25°30	10°40	27°39	1°14	2°37	19°46	7° 5	17°22	16°45	23°21	19° 4	S 29
S 30	16 27 9	7°48'06	19° 3	20°24	26°44	11°25	27°45	1°16	2°37	19°44	7° 6	17°13	16°42	23°28	19° 0	S 30
M31	16 31 5	8♎45'36	2♎20	22♎23	27♎57	12♊10	27♎51	1♎19	2♌36	19♎43	7♌ 6	17♌ 2	16♌39	23♎34	18♌56	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	decl	decl	decl	decl	decl	decl	decl	decl	decl	decl
S 1	14n47	12n55	3n 3	6n 4	2s19	17n53	0s12	5s30	1s26	14n 3	1n12	12n58	1n50	0s36	0n45	16s 9	1n49	20s50	12s46	4s 6	4s39	17n 3	17s25	5n45										
S 2	15 6	18 33	3 57	6 48	2 14	18 15	0 9	5 12	1 26	14 2	1 11	12 58	1 50	0 35	0 45	16 8	1 49	20 50	12 46	4 9	4 41	17 0	17 24	5 45										
M 3	15 24	23 8	4 36	7 33	2 8	18 36	0 7	4 54	1 26	14 2	1 11	12 58	1 49	0 35	0 45	16 8	1 49	20 49	12 47	4 12	4 42	16 57	17 23	5 46										
T 4	15 41	26 24	4 59	8 18	2 2	18 56	0 5	4 36	1 27	14 1	1 11	12 58	1 49	0 34	0 45	16 8	1 49	20 49	12 47	4 16	4 43	16 54	17 22	5 46										
W 5	15 59	28 10	5 6	9 4	1 55	19 16	0 2	4 18	1 27	14 0	1 11	12 57	1 49	0 33	0 45	16 7	1 49	20 49	12 47	4 19	4 44	16 51	17 22	5 47										
T 6	16 16	28 24	4 57	9 50	1 48	19 36	0n 0	4 1	1 27	13 59	1 11	12 57	1 49	0 33	0 45	16 7	1 49	20 49	12 47	4 23	4 46	16 49	17 21	5 47										
F 7	16 33	27 11	4 35	10 37	1 40	19 55	0 3	3 43	1 27	13 58	1 11	12 57	1 49	0 32	0 45	16 6	1 49	20 49	12 48	4 25	4 47	16 46	17 20	5 48										
S 8	16 50	24 42	4 1	11 24	1 32	20 13	0 5	3 25	1 27	13 57	1 10	12 57	1 49	0 31	0 45	16 6	1 49	20 49	12 48	4 27	4 48	16 43	17 20	5 48										
S 9	17 6	21 10	3 16	12 11	1 23	20 31	0 8	3 7	1 28	13 56	1 10	12 56	1 49	0 31	0 45	16 5	1 49	20 49	12 48	4 27	4 49	16 40	17 19	5 49										
M10	17 22	16 49	2 24	12 59	1 15	20 48	0 10	2 49	1 28	13 55	1 10	12 56	1 49	0 30	0 45	16 5	1 49	20 50	12 49	4 28	4 51	16 37	17 18	5 49										
T 11	17 38	11 51	1 25	13 46	1 5	21 5	0 13	2 31	1 28	13 53	1 10	12 56	1 48	0 30	0 45	16 5	1 49	20 50	12 49	4 27	4 52	16 34	17 17	5 50										
W12	17 54	6 25	0 22	14 33	0 56	21 21	0 15	2 13	1 28	13 52	1 10	12 55	1 48	0 29	0 45	16 4	1 49	20 50	12 49	4 27	4 53	16 31	17 17	5 50										
T 13	18 9	0 41	0s42	15 20	0 46	21 37	0 18	1 55	1 28	13 51	1 10	12 55	1 48	0 28	0 45	16 4	1 49	20 50	12 50	4 27	4 54	16 28	17 16	5 51										
F 14	18 24	5s10	1 46	16 7	0 36	21 52	0 20	1 37	1 28	13 49	1 10	12 54	1 48	0 28	0 45	16 3	1 49	20 50	12 50	4 28	4 56	16 25	17 15	5 51										
S 15	18 39	10 58	2 45	16 53	0 25	22 6	0 23	1 19	1 29	13 48	1 9	12 54	1 48	0 27	0 45	16 3	1 49	20 50	12 50	4 30	4 57	16 22	17 15	5 52										
S 16	18 53	16 26	3 38	17 38	0 15	22 20	0 25	1 1	1 29	13 46	1 9	12 53	1 48	0 27	0 45	16 2	1 49	20 50	12 51	4 32	4 58	16 19	17 14	5 52										
M17	19 7	21 18	4 21	18 22	0 4	22 33	0 28	0 43	1 29	13 45	1 9	12 53	1 48	0 26	0 44	16 2	1 49	20 50	12 51	4 36	4 59	16 17	17 13	5 52										
T 18	19 21	25 10	4 49	19 5	0n 6	22 46	0 30	0 25	1 29	13 43	1 9	12 52	1 48	0 26	0 44	16 2	1 49	20 50	12 52	4 40	5 1	16 14	17 13	5 53										
W19	19 34	27 38	5 2	19 46	0 17	22 57	0 32	0 7	1 29	13 41	1 9	12 51	1 47	0 26	0 44	16 1	1 49	20 50	12 52	4 44	5 2	16 11	17 12	5 53										
T 20	19 47	28 24	4 56	20 26	0 27	23 9	0 35	0n11	1 29	13 40	1 9	12 50	1 47	0 25	0 44	16 1	1 49	20 50	12 52	4 48	5 3	16 8	17 11	5 54										
F 21	20 0	27 19	4 33	21 3	0 37	23 19	0 37	0 29	1 29	13 38	1 9	12 50	1 47	0 25	0 44	16 0	1 49	20 51	12 53	4 51	5 4	16 5	17 11	5 54										
S 22	20 12	24 27	3 52	21 39	0 47	23 29	0 40	0 47	1 29	13 36	1 8	12 49	1 47	0 24	0 44	16 0	1 49	20 51	12 53	4 54	5 5	16 2	17 10	5 54										
S 23	20 24	20 5	2 57	22 13	0 57	23 38	0 42	1 5	1 29	13 34	1 8	12 48	1 47	0 24	0 44	15 59	1 49	20 51	12 53	4 55	5 7	15 59	17 9	5 55										
M24	20 36	14 35	1 51	22 44	1 6	23 47	0 44	1 23	1 29	13 32	1 8	12 47	1 47	0 24	0 44	15 59	1 49	20 51	12 54	4 55	5 8	15 56	17 9	5 55										
T 25	20 47	8 21	0 39	23 12	1 15	23 55	0 47	1 41	1 29	13 30	1 8	12 46	1 47	0 23	0 44	15 59	1 49	20 51	12 54	4 55	5 9	15 53	17 8	5 55										
W26	20 58	1 46	0n35	23 39	1 23	24 2	0 49	1 59	1 29	13 28	1 8	12 45	1 47	0 23	0 44	15 58	1 49	20 52	12 54	4 55	5 10	15 50	17 7	5 56										
T 27	21 9	4n51	1 47	24 2	1 30	24 8	0 51	2 16	1 29	13 26	1 8	12 44	1 46	0 23	0 44	15 58	1 49	20 52	12 55	4 56	5 12	15 47	17 7	5 56										
F 28	21 19	11 12	2 51	24 23	1 37	24 14	0 53	2 34	1 29	13 24	1 8	12 43	1 46	0 23	0 44	15 57	1 49	20 52	12 55	4 57	5 13	15 44	17 6	5 56										
S 29	21 29	16 56	3 45	24 41	1 43	24 19	0 56	2 52	1 29	13 22	1 7	12 42	1 46	0 22	0 44	15 57	1 49	20 52	12 55	5 0	5 14	15 41	17 6	5 57										
S 30	21 38	21 45	4 25	24 56	1 49	24 23	0 58	3 9	1 29	13 19	1 7	12 41	1 46	0 22	0 44	15 57	1 49	20 52	12 56	5 3	5 15	15 38	17 5	5 57										
M31	21n47	25n24	4n51	25n 8	1n54	24n27	1n 0	3n27	1s29	13n17	1n 7	12n40	1n46	0s22	0n44	15s56	1n49	20s53	12s56	5s 8	5s17	15n35	17s 4	5n57										

ASTRODIENST EPHEMERIS for the year 1802

geocentric

JUNE 1802

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	16 35 2	9II43'05	15II23	24II20	29II10	12V55	27L58	1M22	2°R36	19°R41	7H 6	16°R49	16H36	23L41	18°R52	T 1
W 2	16 38 58	10°40'33	28°11	26°14	0023	13°40	28° 4	1°25	2H35	19M40	7° 6	16H36	16°32	23°48	18H48	W 2
T 3	16 42 55	11°38'00	10243	28° 6	1°37	14°25	28°11	1°28	2°35	19°38	7° 6	16°25	16°29	23°54	18°44	T 3
F 4	16 46 51	12°35'26	23° 0	29°56	2°50	15° 9	28°18	1°31	2°34	19°37	7° 6	16°15	16°26	24° 1	18°40	F 4
S 5	16 50 48	13°32'51	5L 4	1242	4° 3	15°54	28°25	1°34	2°34	19°36	7° 6	16° 8	16°23	24° 8	18°36	S 5
S 6	16 54 44	14°30'15	16°58	3°27	5°16	16°38	28°32	1°38	2°34	19°34	7° 6	16° 3	16°20	24°14	18°32	S 6
M 7	16 58 41	15°27'38	28°48	5° 8	6°29	17°23	28°39	1°41	2°34	19°33	7° 6	16° 1	16°17	24°21	18°28	M 7
T 8	17 2 38	16°24'59	10M36	6°47	7°42	18° 7	28°46	1°45	2°33	19°31	7°R 6	16° 1	16°13	24°28	18°23	T 8
W 9	17 6 34	17°22'20	22°30	8°24	8°55	18°52	28°54	1°48	2°33	19°30	7° 6	16° 1	16°10	24°34	18°19	W 9
T 10	17 10 31	18°19'39	4L33	9°57	10° 8	19°36	29° 2	1°52	2°33	19°28	7° 6	16° 0	16° 7	24°41	18°15	T 10
F 11	17 14 27	19°16'58	16°53	11°28	11°21	20°20	29° 9	1°56	2°D33	19°27	7° 6	15°58	16° 4	24°48	18°11	F 11
S 12	17 18 24	20°14'16	29°32	12°56	12°34	21° 5	29°17	2° 0	2°33	19°26	7° 6	15°54	16° 1	24°54	18° 7	S 12
S 13	17 22 20	21°11'32	12M35	14°22	13°47	21°49	29°25	2° 4	2°33	19°24	7° 6	15°47	15°58	25° 1	18° 3	S 13
M14	17 26 17	22° 8'49	26° 3	15°44	15° 0	22°33	29°33	2° 8	2°34	19°23	7° 6	15°37	15°54	25° 8	17°58	M14
T 15	17 30 13	23° 6'04	9H56	17° 4	16°13	23°17	29°42	2°12	2°34	19°22	7° 6	15°27	15°51	25°14	17°54	T 15
W16	17 34 10	24° 3'19	24° 9	18°21	17°26	24° 1	29°50	2°16	2°34	19°21	7° 6	15°15	15°48	25°21	17°50	W16
T 17	17 38 7	25° 0'33	8H37	19°35	18°39	24°45	29°58	2°20	2°34	19°19	7° 5	15° 4	15°45	25°28	17°46	T 17
F 18	17 42 3	25°57'47	23°15	20°46	19°51	25°28	0M7	2°25	2°35	19°18	7° 5	14°56	15°42	25°34	17°42	F 18
S 19	17 46 0	26°55'01	7H53	21°54	21° 4	26°12	0°16	2°29	2°35	19°17	7° 5	14°49	15°38	25°41	17°38	S 19
S 20	17 49 56	27°52'14	22°27	22°59	22°17	26°56	0°24	2°33	2°36	19°16	7° 5	14°45	15°35	25°47	17°34	S 20
M21	17 53 53	28°49'28	6H51	24° 1	23°30	27°40	0°33	2°38	2°36	19°14	7° 4	14°44	15°32	25°54	17°30	M21
T 22	17 57 49	29°46'41	21° 3	24°59	24°43	28°23	0°42	2°43	2°37	19°13	7° 4	14°D44	15°29	26° 1	17°26	T 22
W23	18 1 46	00243'54	5V 2	25°54	25°55	29° 7	0°51	2°48	2°37	19°12	7° 4	14°R44	15°26	26° 7	17°22	W23
T 24	18 5 42	1°41'07	18°47	26°46	27° 8	29° 50	1° 1	2°52	2°38	19°11	7° 3	14°43	15°23	26°14	17°18	T 24
F 25	18 9 39	2°38'20	2H19	27°34	28°21	0H33	1°10	2°57	2°39	19°10	7° 3	14°40	15°19	26°21	17°14	F 25
S 26	18 13 36	3°35'33	15°38	28°19	29°33	1°17	1°19	3° 2	2°40	19° 9	7° 3	14°34	15°16	26°27	17°10	S 26
S 27	18 17 32	4°32'46	28°46	28°59	0L46	2° 0	1°29	3° 7	2°40	19° 8	7° 2	14°26	15°13	26°34	17° 6	S 27
M28	18 21 29	5°30'00	11H41	29°36	1°58	2°43	1°38	3°12	2°41	19° 7	7° 2	14°16	15°10	26°41	17° 3	M28
T 29	18 25 25	6°27'13	24°24	0L 9	3°11	3°26	1°48	3°18	2°42	19° 6	7° 1	14° 4	15° 7	26°47	16°59	T 29
W30	18 29 22	724'26	6255	0L37	4L23	4H 9	1M58	3M23	2H43	19M 5	7H 1	13H52	15H 4	26L54	16H55	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	decl	lat
T 1	21n56	27n38	5n 0	25n18	1n58	24n30	1n 2	3n44	1s29	13n15	1n 7	12n39	1n46	0s22	0n44	15s56	1n49	20s53	12s56	5s13	5s18	15n32	17s 4	5n57			
W 2	22 4	28 22	4 54	25 26	2 1	24 32	1 4	4 2	1 29	13 12	1 7	12 38	1 46	0 22	0 44	15 55	1 49	20 53	12 57	5 18	5 19	15 29	17 3	5 58			
T 3	22 12	27 35	4 34	25 31	2 4	24 33	1 6	4 19	1 29	13 10	1 7	12 37	1 46	0 21	0 44	15 55	1 49	20 53	12 57	5 22	5 20	15 26	17 3	5 58			
F 4	22 20	25 28	4 2	25 33	2 5	24 34	1 8	4 36	1 29	13 7	1 7	12 35	1 46	0 21	0 44	15 55	1 49	20 54	12 58	5 26	5 22	15 23	17 2	5 58			
S 5	22 27	22 14	3 19	25 34	2 6	24 34	1 10	4 54	1 29	13 5	1 6	12 34	1 45	0 21	0 44	15 54	1 49	20 54	12 58	5 29	5 23	15 20	17 2	5 58			
S 6	22 34	18 6	2 27	25 32	2 6	24 34	1 12	5 11	1 29	13 2	1 6	12 33	1 45	0 21	0 44	15 54	1 49	20 54	12 58	5 30	5 24	15 17	17 1	5 59			
M 7	22 40	13 19	1 30	25 28	2 6	24 32	1 14	5 28	1 29	12 59	1 6	12 31	1 45	0 21	0 44	15 54	1 49	20 55	12 59	5 31	5 25	15 14	17 0	5 59			
T 8	22 46	8 3	0 29	25 22	2 5	24 30	1 15	5 45	1 29	12 57	1 6	12 30	1 45	0 21	0 44	15 53	1 49	20 55	12 59	5 31	5 26	15 11	17 0	5 59			
W 9	22 52	2 27	0s34	25 14	2 3	24 27	1 17	6 2	1 29	12 54	1 6	12 29	1 45	0 21	0 44	15 53	1 49	20 55	12 59	5 31	5 28	15 8	16 59	5 59			
T 10	22 57	3s17	1 37	25 5	2 0	24 23	1 19	6 19	1 28	12 51	1 6	12 27	1 45	0 21	0 43	15 53	1 49	20 56	13 0	5 32	5 29	15 5	16 59	5 59			
F 11	23 2	9 2	2 36	24 54	1 56	24 19	1 21	6 36	1 28	12 48	1 6	12 26	1 45	0 21	0 43	15 52	1 49	20 56	13 0	5 32	5 30	15 2	16 58	5 59			
S 12	23 6	14 34	3 29	24 42	1 52	24 14	1 22	6 52	1 28	12 46	1 6	12 24	1 45	0 21	0 43	15 52	1 49	20 56	13 0	5 34	5 31	14 59	16 58	6 0			
S 13	23 10	19 38	4 12	24 28	1 47	24 8	1 24	7 9	1 28	12 43	1 5	12 23	1 45	0 21	0 43	15 52	1 49	20 57	13 1	5 37	5 33	14 56	16 57	6 0			
M14	23 14	23 53	4 44	24 13	1 41	24 2	1 25	7 25	1 28	12 40	1 5	12 21	1 44	0 21	0 43	15 51	1 48	20 57	13 1	5 40	5 34	14 53	16 57	6 0			
T 15	23 17	26 54	4 59	23 57	1 35	23 55	1 27	7 42	1 28	12 37	1 5	12 20	1 44	0 22	0 43	15 51	1 48	20 58	13 1	5 45	5 35	14 50	16 56	6 0			
W16	23 20	28 17	4 57	23 40	1 28	23 47	1 28	7 58	1 27	12 34	1 5	12 18	1 44	0 22	0 43	15 51	1 48	20 58	13 2	5 49	5 36	14 47	16 56	6 0			
T 17	23 22	27 47	4 36	23 22	1 21	23 39	1 29	8 15	1 27	12 31	1 5	12 16	1 44	0 22	0 43	15 50	1 48	20 58	13 2	5 53	5 38	14 44	16 56	6 0			
F 18	23 24	25 21	3 57	23 3	1 12	23 29	1 31	8 31	1 27	12 27	1 5	12 15	1 44	0 22	0 43	15 50	1 48	20 59	13 2	5 57	5 39	14 41	16 55	6 0			
S 19	23 26	21 15	3 2	22 44	1 3	23 19	1 32	8 47	1 27	12 24	1 5	12 13	1 44	0 22	0 43	15 50	1 48	20 59	13 3	5 59	5 40	14 38	16 55	6 0			
S 20	23 27	15 52	1 55	22 24	0 54	23 9	1 33	9 3	1 26	12 21	1 5	12 11	1 44	0 22	0 43	15 50	1 48	21 0	13 3	6 1	5 41	14 35	16 54	6 0			
M21	23 28	9 39	0 42	22 3	0 44	22 58	1 34	9 19	1 26	12 18	1 5	12 10	1 44	0 23	0 43	15 49	1 48	21 0	13 3	6 1	5 43	14 32	16 54	6 0			
T 22	23 28	3 2	0n34	21 42	0 33	22 46	1 35	9 34	1 26	12 14	1 4	12 8	1 44	0 23	0 43	15 49	1 48	21 0	13 4	6 1	5 44	14 29	16 54	6 0			
W23	23 28	3n37	1 46	21 21	0 22	22 33	1 36	9 50	1 26	12 11	1 4	12 6	1 44	0 23	0 43	15 49	1 48	21 1	13 4	6 1	5 45	14 26	16 53	6 0			
T 24	23 27	9 59	2 50	20 59	0 10	22 20	1 37	10 6	1 25	12 8	1 4	12 4	1 43	0 24	0 43	15 48	1 48	21 1	13 4	6 2	5 46	14 23	16 53	6 0			
F 25	23 26	15 48	3 44	20 38	0s 2	22 7	1 38	10 21	1 25	12 4	1 4	12 2	1 43	0 24	0 43	15 48	1 48	21 2	13 5	6 3	5 47	14 20	16 52	6 0			
S 26	23 25	20 46	4 25	20 17	0 15	21 52	1 38	10 36	1 25	12 1	1 4	12 0	1 43	0 24	0 43	15 48	1 48	21 2	13 5	6 5	5 49	14 17	16 52	6 0			
S 27	23 23	24 38	4 51	19 55	0 28	21 37	1 39	10 52	1 24	11 57	1 4	11 58	1 43	0 25	0 43	15 48	1 48	21 3	13 5	6 8	5 50	14 13	16 52	6 0			
M28	23 21	27 12	5 2	19 34	0 42	21 22	1 40	11 7	1 24	11 54	1 4	11 57	1 43	0 25	0 43	15 47	1 48	21 3	13 6	6 12	5 51	14 10	16 52	6 0			
T 29	23 19	28 18	4 57	19 14	0 56	21 5	1 40	11 22	1 24	11 50	1 4	11 55	1 43	0 25	0 43	15 47	1 48	21 4	13 6	6 17	5 52	14 7	16 51	6 0			
W30	23n16	27n55	4n39	18n54	1s11	20n49	1n40	11n36	1s23	11n47	1n 4	11n53	1n43	0s26	0n43	15s47	1n48	21s 4	13s 6	6s21	5s54	14n 4	16s51	6n 0			

ASTRODIENST EPHEMERIS for the year 1802

geocentric

JULY 1802

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	18 33 18	8°21'39	19°14	1°2	5°136	4°52	2°8	3°28	2°44	19°R 4	7°R 0	13°R42	15°R 0	27°R 1	16°R51	T 1
F 2	18 37 15	9°18'53	1°21	1°22	6°48	5°35	2°18	3°33	2°45	19°M 3	7°M 0	13°M33	14°57	27° 7	16°M48	F 2
S 3	18 41 12	10°16'05	13°19	1°37	8° 1	6°17	2°28	3°39	2°47	19° 2	6°59	13°26	14°54	27°14	16°44	S 3
S 4	18 45 8	11°13'18	25°10	1°48	9°13	7° 0	2°38	3°44	2°48	19° 1	6°58	13°22	14°51	27°21	16°41	S 4
M 5	18 49 5	12°10'31	6°57	1°54	10°26	7°43	2°48	3°50	2°49	19° 1	6°58	13°21	14°48	27°27	16°37	M 5
T 6	18 53 1	13° 7'43	18°45	1°R56	11°38	8°25	2°58	3°56	2°50	19° 0	6°57	13°D20	14°44	27°34	16°34	T 6
W 7	18 56 58	14° 4'56	0°37	1°53	12°50	9° 7	3° 9	4° 1	2°52	18°59	6°56	13°21	14°41	27°41	16°30	W 7
T 8	19 0 54	15° 2'08	12°40	1°45	14° 2	9°50	3°19	4° 7	2°53	18°58	6°56	13°R22	14°38	27°47	16°27	T 8
F 9	19 4 51	15°59'20	24°59	1°32	15°15	10°32	3°30	4°13	2°55	18°58	6°55	13°21	14°35	27°54	16°24	F 9
S 10	19 8 47	16°56'32	7°M38	1°15	16°27	11°14	3°41	4°19	2°56	18°57	6°54	13°19	14°32	28° 1	16°20	S 10
S 11	19 12 44	17°53'44	20°41	0°54	17°39	11°56	3°51	4°25	2°58	18°56	6°54	13°15	14°29	28° 7	16°17	S 11
M12	19 16 41	18°50'57	4°M12	0°28	18°51	12°38	4° 2	4°31	2°59	18°56	6°53	13° 9	14°25	28°14	16°14	M12
T 13	19 20 37	19°48'09	18°11	29°59	20° 3	13°19	4°13	4°37	3° 1	18°55	6°52	13° 2	14°22	28°20	16°11	T 13
W14	19 24 34	20°45'22	2°35	29°26	21°15	14° 1	4°24	4°43	3° 3	18°54	6°51	12°54	14°19	28°27	16° 8	W14
T 15	19 28 30	21°42'35	17°19	28°50	22°27	14°43	4°35	4°49	3° 4	18°54	6°51	12°46	14°16	28°34	16° 5	T 15
F 16	19 32 27	22°39'48	2°M15	28°12	23°39	15°24	4°46	4°55	3° 6	18°53	6°50	12°40	14°13	28°40	16° 2	F 16
S 17	19 36 23	23°37'02	17°16	27°33	24°51	16° 6	4°57	5° 2	3° 8	18°53	6°49	12°35	14°10	28°47	16° 0	S 17
S 18	19 40 20	24°34'16	2°M11	26°52	26° 3	16°47	5° 8	5° 8	3°10	18°52	6°48	12°33	14° 6	28°54	15°57	S 18
M19	19 44 16	25°31'31	16°54	26°10	27°15	17°28	5°19	5°14	3°12	18°52	6°47	12°D33	14° 3	29° 0	15°54	M19
T 20	19 48 13	26°28'47	1°V20	25°29	28°27	18° 9	5°31	5°21	3°14	18°52	6°46	12°33	14° 0	29° 7	15°52	T 20
W21	19 52 10	27°26'04	15°26	24°49	29°38	18°50	5°42	5°27	3°16	18°51	6°45	12°35	13°57	29°14	15°49	W21
T 22	19 56 6	28°23'21	29°12	24°11	0°M50	19°31	5°54	5°34	3°18	18°51	6°44	12°R35	13°54	29°20	15°47	T 22
F 23	20 0 3	29°20'40	12°M39	23°35	2° 2	20°12	6° 5	5°40	3°20	18°51	6°43	12°34	13°50	29°27	15°44	F 23
S 24	20 3 59	0°M17'59	25°47	23° 2	3°14	20°53	6°17	5°47	3°22	18°50	6°42	12°32	13°47	29°34	15°42	S 24
S 25	20 7 56	1°15'20	8°M40	22°33	4°25	21°33	6°28	5°54	3°24	18°50	6°42	12°27	13°44	29°40	15°40	S 25
M26	20 11 52	2°12'41	21°19	22° 8	5°37	22°14	6°40	6° 0	3°26	18°50	6°41	12°21	13°41	29°47	15°38	M26
T 27	20 15 49	3°10'04	3°M45	21°48	6°48	22°54	6°52	6° 7	3°29	18°50	6°40	12°15	13°38	29°54	15°36	T 27
W28	20 19 45	4° 7'27	16° 0	21°33	8° 0	23°34	7° 4	6°14	3°31	18°50	6°39	12° 8	13°35	0°M 0	15°34	W28
T 29	20 23 42	5° 4'51	28° 6	21°24	9°11	24°14	7°16	6°21	3°33	18°49	6°37	12° 1	13°31	0° 7	15°32	T 29
F 30	20 27 39	6° 2'16	10°M 4	21°D21	10°23	24°54	7°28	6°27	3°36	18°49	6°36	11°56	13°28	0°14	15°30	F 30
S 31	20 31 35	6°M59'42	21°M56	21°M24	11°M34	25°M34	7°M39	6°M34	3°M38	18°M49	6°M35	11°M53	13°M25	0°M20	15°M28	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	23n12	26n10	4n 7	18n34	1s25	20n31	1n41	11n51	1s23	11n43	1n 4	11n51	1n43	0s26	0n43	15s47
F 2	23 8	23 12	3 24	18 15	1 40	20 13	1 41	12 6	1 23	11 39	1 4	11 49	1 43	0 27	0 43	15 47
S 3	23 4	19 17	2 33	17 57	1 55	19 55	1 41	12 20	1 22	11 36	1 3	11 47	1 43	0 27	0 43	15 46
S 4	23 0	14 39	1 36	17 40	2 11	19 36	1 41	12 35	1 22	11 32	1 3	11 44	1 43	0 28	0 42	15 46
M 5	22 55	9 30	0 34	17 23	2 26	19 17	1 42	12 49	1 22	11 28	1 3	11 42	1 43	0 28	0 42	15 46
T 6	22 49	4 1	0s29	17 8	2 41	18 56	1 42	13 3	1 21	11 24	1 3	11 40	1 42	0 29	0 42	15 46
W 7	22 43	1s39	1 31	16 54	2 56	18 36	1 41	13 17	1 21	11 21	1 3	11 38	1 42	0 30	0 42	15 46
T 8	22 37	7 19	2 31	16 42	3 11	18 15	1 41	13 30	1 20	11 17	1 3	11 36	1 42	0 30	0 42	15 46
F 9	22 31	12 51	3 24	16 30	3 25	17 53	1 41	13 44	1 20	11 13	1 3	11 34	1 42	0 31	0 42	15 45
S 10	22 24	18 0	4 9	16 21	3 39	17 32	1 41	13 57	1 19	11 9	1 3	11 31	1 42	0 31	0 42	15 45
S 11	22 16	22 30	4 43	16 12	3 52	17 9	1 40	14 11	1 19	11 5	1 3	11 29	1 42	0 32	0 42	15 45
M12	22 8	25 58	5 3	16 6	4 4	16 46	1 40	14 24	1 18	11 1	1 3	11 27	1 42	0 33	0 42	15 45
T 13	22 0	28 0	5 5	16 1	4 16	16 23	1 39	14 37	1 18	10 57	1 3	11 25	1 42	0 33	0 42	15 45
W14	21 52	28 15	4 49	15 57	4 26	15 59	1 39	14 50	1 17	10 53	1 3	11 22	1 42	0 34	0 42	15 45
T 15	21 43	26 32	4 13	15 56	4 35	15 35	1 38	15 3	1 17	10 49	1 3	11 20	1 42	0 35	0 42	15 45
F 16	21 34	22 55	3 20	15 56	4 42	15 11	1 37	15 15	1 16	10 45	1 2	11 18	1 42	0 36	0 42	15 45
S 17	21 24	17 47	2 12	15 58	4 48	14 46	1 36	15 28	1 16	10 40	1 2	11 15	1 42	0 36	0 42	15 45
S 18	21 14	11 35	0 56	16 1	4 53	14 20	1 35	15 40	1 15	10 36	1 2	11 13	1 42	0 37	0 42	15 45
M19	21 4	4 49	0n24	16 6	4 56	13 55	1 34	15 52	1 15	10 32	1 2	11 11	1 42	0 38	0 42	15 44
T 20	20 53	2n 3	1 40	16 12	4 57	13 29	1 33	16 4	1 14	10 28	1 2	11 8	1 42	0 39	0 42	15 44
W21	20 42	8 40	2 48	16 20	4 56	13 3	1 32	16 16	1 14	10 24	1 2	11 6	1 42	0 40	0 42	15 44
T 22	20 30	14 43	3 46	16 29	4 54	12 36	1 30	16 28	1 13	10 19	1 2	11 3	1 42	0 40	0 42	15 44
F 23	20 19	19 55	4 29	16 39	4 50	12 9	1 29	16 39	1 12	10 15	1 2	11 1	1 42	0 41	0 42	15 44
S 24	20 7	24 2	4 57	16 50	4 44	11 42	1 28	16 50	1 12	10 11	1 2	10 58	1 41	0 42	0 42	15 44
S 25	19 54	26 52	5 9	17 2	4 37	11 14	1 26	17 2	1 11	10 6	1 2	10 56	1 41	0 43	0 42	15 44
M26	19 41	28 16	5 6	17 14	4 28	10 46	1 24	17 13	1 10	10 2	1 2	10 53	1 41	0 44	0 42	15 44
T 27	19 28	28 13	4 48	17 27	4 18	10 18	1 23	17 23	1 10	9 58	1 2	10 51	1 41	0 45	0 42	15 44
W28	19 15	26 46	4 18	17 41	4 6	9 50	1 21	17 34	1 9	9 53	1 2	10 48	1 41	0 46	0 42	15 44
T 29	19 1	24 5	3 36	17 54	3 54	9 21	1 19	17 45	1 9	9 49	1 2	10 46	1 41	0 47	0 41	15 44
F 30	18 47	20 23	2 45	18 8	3 41	8 53	1 17	17 55	1 8	9 44	1 2	10 43	1 41	0 48	0 41	15 44
S 31	18n33	15n54	1n47	18n22	3s27	8n24	1n15	18n 5	1s 7	9n40	1n 2	10n41	1n41	0s49	0n41	15s44

Julian Day Number = 2379407.5, Delta T = 17.44 sec
 Ecliptic obliquity = 23°28'02, Nutation = 0°00'05, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°58'57, Lahiri = 21°05'58

ASTRODIENST EPHEMERIS for the year 1802

geocentric

AUGUST 1802

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	20 35 32	7♂57'09	3♂43	21♂34	12♂45	26♂14	7♂52	6♂41	3♂41	18°D49	6°R34	11°R51	13♂22	0♂27	15°R27	S 1
M 2	20 39 28	8°54'36	15°30	21°50	13°56	26°53	8° 4	6°48	3°43	18♂49	6♂33	11°D51	13°19	0°33	15♂25	M 2
T 3	20 43 25	9°52'05	27°18	22°12	15° 8	27°33	8°16	6°55	3°46	18°49	6°32	11♂52	13°16	0°40	15°24	T 3
W 4	20 47 21	10°49'34	9♂11	22°41	16°19	28°12	8°28	7° 2	3°48	18°49	6°31	11°53	13°12	0°47	15°22	W 4
T 5	20 51 18	11°47'04	21°15	23°17	17°30	28°51	8°40	7° 9	3°51	18°50	6°30	11°55	13° 9	0°53	15°21	T 5
F 6	20 55 14	12°44'34	3♂32	23°59	18°41	29°30	8°52	7°16	3°54	18°50	6°29	11°56	13° 6	1° 0	15°20	F 6
S 7	20 59 11	13°42'06	16° 9	24°47	19°52	0♂9	9° 5	7°24	3°56	18°50	6°28	11°R56	13° 3	1° 7	15°19	S 7
S 8	21 3 8	14°39'38	29° 9	25°42	21° 3	0°48	9°17	7°31	3°59	18°50	6°26	11°56	13° 0	1°13	15°18	S 8
M 9	21 7 4	15°37'12	12♂35	26°43	22°14	1°26	9°29	7°38	4° 2	18°50	6°25	11°54	12°56	1°20	15°17	M 9
T 10	21 11 1	16°34'46	26°29	27°50	23°24	2° 5	9°42	7°45	4° 5	18°51	6°24	11°51	12°53	1°27	15°16	T 10
W11	21 14 57	17°32'21	10♂51	29° 3	24°35	2°43	9°54	7°52	4° 8	18°51	6°23	11°48	12°50	1°33	15°15	W11
T 12	21 18 54	18°29'57	25°36	0♂21	25°46	3°21	10° 7	8° 0	4°11	18°51	6°22	11°44	12°47	1°40	15°14	T 12
F 13	21 22 50	19°27'35	10♂39	1°45	26°56	3°59	10°19	8° 7	4°14	18°52	6°21	11°42	12°44	1°47	15°14	F 13
S 14	21 26 47	20°25'13	25°50	3°14	28° 7	4°37	10°32	8°14	4°16	18°52	6°19	11°40	12°41	1°53	15°13	S 14
S 15	21 30 43	21°22'53	11♂0	4°47	29°17	5°15	10°44	8°22	4°19	18°53	6°18	11°D40	12°37	2° 0	15°13	S 15
M16	21 34 40	22°20'34	26° 0	6°25	0♂28	5°53	10°57	8°29	4°22	18°53	6°17	11°40	12°34	2° 7	15°13	M16
T 17	21 38 37	23°18'16	10♂43	8° 7	1°38	6°30	11° 9	8°36	4°26	18°54	6°16	11°41	12°31	2°13	15°12	T 17
W18	21 42 33	24°16'01	25° 2	9°52	2°49	7° 7	11°22	8°44	4°29	18°54	6°14	11°42	12°28	2°20	15°12	W18
T 19	21 46 30	25°13'47	8♂58	11°41	3°59	7°44	11°35	8°51	4°32	18°55	6°13	11°43	12°25	2°27	15°D12	T 19
F 20	21 50 26	26°11'34	22°28	13°32	5° 9	8°21	11°48	8°58	4°35	18°55	6°12	11°R44	12°22	2°33	15°12	F 20
S 21	21 54 23	27° 9'24	5♂35	15°25	6°19	8°58	12° 0	9° 6	4°38	18°56	6°11	11°44	12°18	2°40	15°12	S 21
S 22	21 58 19	28° 7'15	18°21	17°20	7°29	9°35	12°13	9°13	4°41	18°57	6° 9	11°43	12°15	2°46	15°13	S 22
M23	22 2 16	29° 5'08	0♂51	19°17	8°39	10°11	12°26	9°21	4°44	18°57	6° 8	11°42	12°12	2°53	15°13	M23
T 24	22 6 12	0♂39	13° 6	21°14	9°49	10°47	12°39	9°28	4°48	18°58	6° 7	11°40	12° 9	3° 0	15°13	T 24
W25	22 10 9	1° 0'59	25°10	23°13	10°59	11°24	12°51	9°36	4°51	18°59	6° 6	11°38	12° 6	3° 6	15°14	W25
T 26	22 14 6	1°58'58	7♂6	25°11	12° 8	11°59	13° 4	9°43	4°54	18°59	6° 4	11°37	12° 2	3°13	15°14	T 26
F 27	22 18 2	2°56'57	18°57	27°10	13°18	12°35	13°17	9°51	4°58	19° 0	6° 3	11°36	11°59	3°20	15°15	F 27
S 28	22 21 59	3°54'59	0♂44	29° 9	14°28	13°11	13°30	9°58	5° 1	19° 1	6° 2	11°35	11°56	3°26	15°16	S 28
S 29	22 25 55	4°53'02	12°32	1♂7	15°37	13°46	13°43	10° 6	5° 4	19° 2	6° 1	11°D35	11°53	3°33	15°17	S 29
M30	22 29 52	5°51'06	24°20	3° 5	16°46	14°21	13°56	10°13	5° 8	19° 3	5°59	11°35	11°50	3°40	15°18	M30
T 31	22 33 48	6♂49'13	6♂13	5♂2	17♂56	14♂56	14♂9	10♂21	5♂11	19♂4	5♂58	11♂36	11♂47	3♂46	15♂19	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
S 1	18n18	10n50	0n44	18n35	3s12	7n54	1n13	18n15	1s 6	9n35	1n 2	10n38	1n41	0s50	0n41	15s45
M 2	18 3	5 25	0s20	18 47	2 56	7 25	1 11	18 25	1 6	9 31	1 2	10 35	1 41	0 51	0 41	15 45
T 3	17 48	0s12	1 24	19 0	2 41	6 55	1 9	18 35	1 5	9 26	1 2	10 33	1 41	0 52	0 41	15 45
W 4	17 32	5 51	2 24	19 11	2 25	6 25	1 6	18 44	1 4	9 21	1 2	10 30	1 41	0 53	0 41	15 45
T 5	17 16	11 23	3 20	19 21	2 8	5 56	1 4	18 54	1 4	9 17	1 2	10 28	1 41	0 54	0 41	15 45
F 6	17 0	16 34	4 7	19 30	1 52	5 25	1 1	19 3	1 3	9 12	1 1	10 25	1 41	0 55	0 41	15 45
S 7	16 44	21 12	4 43	19 37	1 36	4 55	0 59	19 12	1 2	9 8	1 1	10 22	1 41	0 56	0 41	15 45
S 8	16 27	24 58	5 7	19 43	1 20	4 25	0 56	19 21	1 1	9 3	1 1	10 20	1 41	0 57	0 41	15 45
M 9	16 10	27 32	5 14	19 47	1 4	3 54	0 53	19 29	1 0	8 58	1 1	10 17	1 41	0 59	0 41	15 45
T 10	15 53	28 29	5 4	19 50	0 49	3 24	0 51	19 38	1 0	8 53	1 1	10 14	1 41	1 0	0 41	15 45
W11	15 36	27 36	4 35	19 50	0 33	2 53	0 48	19 46	0 59	8 49	1 1	10 11	1 41	1 1	0 41	15 46
T 12	15 18	24 46	3 47	19 47	0 19	2 22	0 45	19 54	0 58	8 44	1 1	10 9	1 41	1 2	0 41	15 46
F 13	15 0	20 12	2 43	19 43	0 5	1 52	0 42	20 2	0 57	8 39	1 1	10 6	1 41	1 3	0 41	15 46
S 14	14 42	14 17	1 26	19 36	0n 8	1 21	0 39	20 10	0 56	8 34	1 1	10 3	1 41	1 4	0 41	15 46
S 15	14 23	7 30	0 4	19 26	0 21	0 50	0 36	20 18	0 55	8 30	1 1	10 0	1 41	1 6	0 41	15 46
M16	14 5	0 23	1n18	19 13	0 33	0 19	0 33	20 25	0 54	8 25	1 1	9 58	1 41	1 7	0 41	15 46
T 17	13 46	6n36	2 34	18 58	0 44	0s12	0 29	20 32	0 54	8 20	1 1	9 55	1 41	1 8	0 41	15 47
W18	13 27	13 4	3 38	18 40	0 54	0 43	0 26	20 40	0 53	8 15	1 1	9 52	1 41	1 9	0 41	15 47
T 19	13 8	18 42	4 26	18 19	1 3	1 14	0 23	20 47	0 52	8 10	1 1	9 49	1 41	1 11	0 41	15 47
F 20	12 48	23 13	4 59	17 56	1 12	1 45	0 19	20 53	0 51	8 6	1 1	9 47	1 41	1 12	0 41	15 47
S 21	12 28	26 25	5 15	17 30	1 19	2 16	0 16	21 0	0 50	8 1	1 1	9 44	1 41	1 13	0 41	15 47
S 22	12 8	28 11	5 14	17 1	1 26	2 47	0 12	21 6	0 49	7 56	1 1	9 41	1 41	1 14	0 41	15 48
M23	11 48	28 27	4 59	16 30	1 31	3 18	0 9	21 13	0 48	7 51	1 1	9 38	1 41	1 16	0 41	15 48
T 24	11 28	27 18	4 30	15 57	1 36	3 49	0 5	21 19	0 47	7 46	1 1	9 35	1 41	1 17	0 41	15 48
W25	11 8	24 54	3 50	15 22	1 40	4 20	0 1	21 25	0 46	7 41	1 1	9 33	1 41	1 18	0 41	15 48
T 26	10 47	21 25	3 0	14 45	1 43	4 50	0s 2	21 31	0 45	7 36	1 1	9 30	1 41	1 20	0 41	15 49
F 27	10 26	17 6	2 2	14 6	1 45	5 21	0 6	21 36	0 44	7 31	1 1	9 27	1 41	1 21	0 41	15 49
S 28	10 5	12 9	1 0	13 26	1 46	5 52	0 10	21 42	0 43	7 26	1 1	9 24	1 41	1 22	0 41	15 49
S 29	9 44	6 47	0s 5	12 45	1 47	6 22	0 14	21 47	0 42	7 21	1 1	9 21	1 42	1 24	0 41	15 50
M30	9 23	1 11	1 10	12 2	1 46	6 52	0 18	21 52	0 41	7 16	1 1	9 19	1 42	1 25	0 41	15 50
T 31	9n 1	4s30	2s13	11n19	1n46	7s23	0s22	21n58	0s40	7n11	1n 1	9n16	1n42	1s27	0n41	15s50

Julian Day Number = 2379438.5, Delta T = 17.40 sec
 Ecliptic obliquity = 23°28'03, Nutation = 0°00'06, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°59'02, Lahiri = 21°06'02

ASTRODIENST EPHEMERIS for the year 1802
geocentric

SEPTEMBER 1802

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	22 37 45	7♎47'20	18♏12	6♎59	19♏5	15♏31	14♎22	10♎29	5♏15	19♎5	5°R57	11♏36	11♏43	3♎53	15♏20	W 1
T 2	22 41 41	8°45'30	0♎20	8°54	20°14	16°5	14°35	10°36	5°18	19°6	5♏56	11°37	11°40	4°0	15°21	T 2
F 3	22 45 38	9°43'40	12°42	10°49	21°23	16°40	14°48	10°44	5°22	19°7	5°54	11°37	11°37	4°6	15°23	F 3
S 4	22 49 35	10°41'53	25°19	12°42	22°32	17°14	15°1	10°51	5°25	19°8	5°53	11°37	11°34	4°13	15°24	S 4
S 5	22 53 31	11°40'07	8♏16	14°35	23°41	17°48	15°14	10°59	5°29	19°9	5°52	11°37	11°31	4°19	15°26	S 5
M 6	22 57 28	12°38'22	21°36	16°26	24°50	18°21	15°27	11°6	5°32	19°10	5°51	11°37	11°28	4°26	15°27	M 6
T 7	23 1 24	13°36'39	5♏21	18°17	25°58	18°55	15°40	11°14	5°36	19°11	5°49	11°37	11°24	4°33	15°29	T 7
W 8	23 5 21	14°34'57	19°30	20°6	27°7	19°28	15°53	11°21	5°39	19°12	5°48	11°37	11°21	4°39	15°31	W 8
T 9	23 9 17	15°33'17	4♏4	21°54	28°15	20°1	16°6	11°29	5°43	19°14	5°47	11°38	11°18	4°46	15°33	T 9
F 10	23 13 14	16°31'39	18°57	23°41	29°24	20°34	16°19	11°37	5°47	19°15	5°46	11°38	11°15	4°53	15°35	F 10
S 11	23 17 10	17°30'02	4♏3	25°26	0♎32	21°6	16°32	11°44	5°50	19°16	5°44	11°R38	11°12	4°59	15°37	S 11
S 12	23 21 7	18°28'27	19°14	27°11	1°40	21°39	16°45	11°52	5°54	19°17	5°43	11°38	11°8	5°6	15°39	S 12
M13	23 25 4	19°26'54	4♏20	28°55	2°48	22°11	16°58	11°59	5°58	19°19	5°42	11°38	11°5	5°13	15°41	M13
T 14	23 29 0	20°25'22	19°13	0♏37	3°56	22°43	17°11	12°7	6°1	19°20	5°41	11°37	11°2	5°19	15°43	T 14
W15	23 32 57	21°23'53	3♏45	2°18	5°4	23°14	17°24	12°14	6°5	19°21	5°39	11°36	10°59	5°26	15°46	W15
T 16	23 36 53	22°22'26	17°51	3°59	6°11	23°45	17°37	12°22	6°9	19°23	5°38	11°35	10°56	5°33	15°48	T 16
F 17	23 40 50	23°21'02	1♏29	5°38	7°19	24°16	17°49	12°29	6°12	19°24	5°37	11°34	10°53	5°39	15°51	F 17
S 18	23 44 46	24°19'39	14°41	7°16	8°26	24°47	18°2	12°37	6°16	19°26	5°36	11°33	10°49	5°46	15°53	S 18
S 19	23 48 43	25°18'19	27°29	8°54	9°33	25°18	18°15	12°44	6°20	19°27	5°35	11°D33	10°46	5°53	15°56	S 19
M20	23 52 39	26°17'01	9♏56	10°30	10°41	25°48	18°28	12°51	6°23	19°29	5°33	11°33	10°43	5°59	15°59	M20
T 21	23 56 36	27°15'45	2°6	12°5	11°48	26°18	18°41	12°59	6°27	19°30	5°32	11°34	10°40	6°6	16°2	T 21
W22	0 0 33	28°14'31	4♏5	13°40	12°54	26°47	18°54	13°6	6°31	19°32	5°31	11°36	10°37	6°12	16°5	W22
T 23	0 4 29	29°13'20	15°56	15°13	14°1	27°17	19°7	13°14	6°35	19°33	5°30	11°37	10°34	6°19	16°8	T 23
F 24	0 8 26	0♏12'11	27°43	16°46	15°8	27°46	19°20	13°21	6°39	19°35	5°29	11°38	10°30	6°26	16°11	F 24
S 25	0 12 22	1°11'03	9♎30	18°18	16°14	28°14	19°33	13°28	6°42	19°37	5°28	11°R39	10°27	6°32	16°14	S 25
S 26	0 16 19	2°9'58	21°20	19°48	17°20	28°43	19°46	13°36	6°46	19°38	5°27	11°39	10°24	6°39	16°18	S 26
M27	0 20 15	3°8'55	3♏14	21°18	18°26	29°11	19°59	13°43	6°50	19°40	5°25	11°37	10°21	6°46	16°21	M27
T 28	0 24 12	4°7'54	15°16	22°47	19°32	29°39	20°11	13°50	6°54	19°42	5°24	11°35	10°18	6°52	16°24	T 28
W29	0 28 8	5°6'55	27°26	24°15	20°38	0♏6	20°24	13°57	6°57	19°43	5°23	11°31	10°14	6°59	16°28	W29
T 30	0 32 5	6♏5'58	9♎47	25♏42	21♎44	0♏33	20♎37	14♎5	7♏1	19♎45	5♏22	11♏27	10♏11	7♎6	16♏32	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	8n39	10s 4	3s10	10n34	1n44	7s53	0s26	22n 2	0s39	7n 6	1n 1	9n13	1n42	1s28	0n41	15s51	1n44	21s40	13s18	7s13	7s10	10n45	17s 0	5n42			
T 2	8 18	15 20	3 59	9 49	1 42	8 23	0 30	22 7	0 37	7 1	1 1	9 10	1 42	1 29	0 41	15 51	1 44	21 40	13 18	7 13	7 12	10 42	17 0	5 41			
F 3	7 56	20 5	4 38	9 3	1 40	8 52	0 34	22 12	0 36	6 56	1 1	9 7	1 42	1 31	0 40	15 51	1 44	21 41	13 18	7 13	7 13	10 39	17 1	5 41			
S 4	7 34	24 3	5 5	8 17	1 37	9 22	0 38	22 16	0 35	6 51	1 1	9 4	1 42	1 32	0 40	15 52	1 44	21 41	13 18	7 13	7 14	10 35	17 2	5 40			
S 5	7 12	26 56	5 17	7 31	1 33	9 51	0 42	22 21	0 34	6 46	1 1	9 2	1 42	1 34	0 40	15 52	1 44	21 42	13 18	7 13	7 15	10 32	17 2	5 40			
M 6	6 49	28 24	5 13	6 44	1 29	10 21	0 46	22 25	0 33	6 41	1 2	8 59	1 42	1 35	0 40	15 52	1 44	21 42	13 18	7 13	7 17	10 29	17 3	5 40			
T 7	6 27	28 12	4 51	5 57	1 25	10 50	0 50	22 29	0 32	6 36	1 2	8 56	1 42	1 36	0 40	15 53	1 44	21 42	13 18	7 13	7 18	10 26	17 3	5 39			
W 8	6 5	26 11	4 11	5 10	1 20	11 18	0 55	22 33	0 30	6 31	1 2	8 53	1 42	1 38	0 40	15 53	1 44	21 43	13 18	7 13	7 19	10 22	17 4	5 39			
T 9	5 42	22 24	3 14	4 22	1 15	11 47	0 59	22 36	0 29	6 26	1 2	8 50	1 42	1 39	0 40	15 53	1 44	21 43	13 18	7 13	7 20	10 19	17 4	5 38			
F 10	5 19	17 6	2 3	3 35	1 10	12 15	1 3	22 40	0 28	6 21	1 2	8 48	1 42	1 41	0 40	15 54	1 44	21 44	13 18	7 13	7 21	10 16	17 5	5 38			
S 11	4 57	10 41	0 42	2 48	1 5	12 43	1 7	22 43	0 27	6 16	1 2	8 45	1 42	1 42	0 40	15 54	1 44	21 44	13 18	7 12	7 23	10 13	17 6	5 38			
S 12	4 34	3 37	0n42	2 1	0 59	13 11	1 12	22 47	0 25	6 11	1 2	8 42	1 42	1 44	0 40	15 55	1 44	21 45	13 18	7 12	7 24	10 9	17 6	5 37			
M13	4 11	3n36	2 3	1 14	0 53	13 39	1 16	22 50	0 24	6 6	1 2	8 39	1 42	1 45	0 40	15 55	1 44	21 45	13 18	7 13	7 25	10 6	17 7	5 37			
T 14	3 48	10 31	3 14	0 28	0 47	14 6	1 20	22 53	0 23	6 1	1 2	8 36	1 43	1 47	0 40	15 55	1 43	21 46	13 18	7 13	7 26	10 3	17 7	5 36			
W15	3 25	16 42	4 11	0s18	0 40	14 33	1 24	22 56	0 22	5 56	1 2	8 33	1 43	1 48	0 40	15 56	1 43	21 46	13 18	7 13	7 27	10 0	17 8	5 36			
T 16	3 2	21 49	4 50	1 4	0 33	15 0	1 29	22 59	0 20	5 51	1 2	8 31	1 43	1 50	0 40	15 56	1 43	21 46	13 18	7 14	7 29	9 56	17 9	5 36			
F 17	2 39	25 34	5 12	1 50	0 27	15 26	1 33	23 2	0 19	5 46	1 2	8 28	1 43	1 51	0 40	15 57	1 43	21 47	13 18	7 14	7 30	9 53	17 9	5 35			
S 18	2 15	27 50	5 17	2 35	0 20	15 52	1 37	23 4	0 18	5 41	1 2	8 25	1 43	1 53	0 40	15 57	1 43	21 47	13 18	7 14	7 31	9 50	17 10	5 35			
S 19	1 52	28 31	5 5	3 20	0 13	16 18	1 42	23 7	0 16	5 36	1 2	8 22	1 43	1 54	0 40	15 57	1 43	21 48	13 18	7 15	7 32	9 47	17 11	5 35			
M20	1 29	27 44	4 39	4 5	0 6	16 43	1 46	23 9	0 15	5 31	1 2	8 20	1 43	1 55	0 40	15 58	1 43	21 48	13 18	7 14	7 33	9 43	17 11	5 34			
T 21	1 5	25 37	4 1	4 49	0s 2	17 8	1 50	23 12	0 13	5 26	1 2	8 17	1 43	1 57	0 40	15 58	1 43	21 48	13 18	7 14	7 35	9 40	17 12	5 34			
W22	0 42	22 23	3 13	5 32	0 9	17 33	1 55	23 14	0 12	5 21	1 2	8 14	1 43	1 58	0 40	15 59	1 43	21 49	13 18	7 13	7 36	9 37	17 13	5 33			
T 23	0 19	18 16	2 18	6 15	0 16	17 57	1 59	23 16	0 10	5 16	1 2	8 11	1 43	2 0	0 40	15 59	1 43	21 49	13 18	7 13	7 37	9 34	17 13	5 33			
F 24	0s 5	13 28	1 16	6 57	0 23	18 21	2 3	23 18	0 9	5 11	1 2	8 9	1 43	2 1	0 40	16 0	1 43	21 49	13 18	7 12	7 38	9 30	17 14	5 33			
S 25	0 28	8 12	0 12	7 39	0 31	18 45	2 7	23 20	0 7	5 6	1 2	8 6	1 44	2 3	0 40	16 0	1 43	21 50	13 17	7 12	7 39	9 27	17 15	5 32			
S 26	0 52	2 38	0s53	8 21	0 38	19 8	2 12	23 22	0 6	5 1	1 2	8 3	1 44	2 4	0 40	16 1	1 43	21 50	13 17	7 12	7 41	9 24	17 15	5 32			
M27	1 15	3s 4	1 56	9 1	0 46	19 31	2 16	23 23	0 4	4 56	1 3	8 0	1 44	2 6	0 40	16 1	1 43	21 50	13 17	7 13	7 42	9 20	17 16	5 32			
T 28	1 39	8 42	2 55	9 41	0 53	19 53	2 20	23 25	0 3	4 51	1 3	7 58	1 44	2 7	0 40	16 2	1 43	21 51	13 17	7 14	7 43	9 17	17 17	5 31			
W29	2 2	14 5	3 46	10 21	1 0	20 15	2 24	23 27	0 1	4 46	1 3	7 55	1 44	2 9	0 40	16 2	1 43	21 51	13 17	7 15	7 44	9 14	17 17	5 31			
T 30	2s26	18s59	4s27	11s 0	1s 8	20s36	2s28	23n28	0n 0	4n41	1n 3	7n52	1n44	2s10	0n40	16s 3	1n43	21s51	13s17	7s17	7s45	9n11	17s18	5n31			

ASTRODIENST EPHEMERIS for the year 1802
geocentric

OCTOBER 1802

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	0 36 2	7♌ 5'03	22♍20	27♌ 8	22♍49	1♉ 0	20♎50	14♏12	7♌ 5	19♍47	5°R21	11°R23	10♈ 8	7♏12	16♌35	F 1
S 2	0 39 58	8° 4'10	5♈ 6	28°33	23°54	1°26	21° 2	14°19	7° 9	19°49	5♈20	11♈19	10° 5	7°19	16°39	S 2
S 3	0 43 55	9° 3'19	18° 8	29°57	24°59	1°52	21°15	14°26	7°13	19°50	5°19	11°17	10° 2	7°26	16°43	S 3
M 4	0 47 51	10° 2'29	1♉26	1♍20	26° 4	2°18	21°28	14°33	7°16	19°52	5°18	11°15	9°59	7°32	16°47	M 4
T 5	0 51 48	11° 1'41	15° 3	2°42	27° 8	2°43	21°40	14°40	7°20	19°54	5°17	11°D15	9°55	7°39	16°51	T 5
W 6	0 55 44	12° 0'55	29° 0	4° 3	28°13	3° 8	21°53	14°47	7°24	19°56	5°16	11°16	9°52	7°45	16°55	W 6
T 7	0 59 41	13° 0'11	13♌16	5°23	29°17	3°32	22° 6	14°54	7°28	19°58	5°15	11°17	9°49	7°52	16°59	T 7
F 8	1 3 37	13°59'28	27°49	6°41	0♈21	3°56	22°18	15° 1	7°31	20° 0	5°14	11°18	9°46	7°59	17° 3	F 8
S 9	1 7 34	14°58'47	12♈37	7°58	1°24	4°20	22°31	15° 8	7°35	20° 2	5°13	11°R19	9°43	8° 5	17° 8	S 9
S 10	1 11 31	15°58'08	27°32	9°14	2°28	4°43	22°43	15°15	7°39	20° 3	5°12	11°18	9°39	8°12	17°12	S 10
M 11	1 15 27	16°57'31	12♏29	10°29	3°31	5° 6	22°55	15°22	7°43	20° 5	5°12	11°15	9°36	8°19	17°16	M 11
T 12	1 19 24	17°56'56	27°17	11°42	4°34	5°28	23° 8	15°29	7°46	20° 7	5°11	11°11	9°33	8°25	17°21	T 12
W 13	1 23 20	18°56'23	11♌50	12°53	5°36	5°50	23°20	15°35	7°50	20° 9	5°10	11° 5	9°30	8°32	17°25	W 13
T 14	1 27 17	19°55'52	26° 1	14° 3	6°39	6°11	23°32	15°42	7°54	20°11	5° 9	10°59	9°27	8°39	17°30	T 14
F 15	1 31 13	20°55'23	9♍46	15°10	7°41	6°32	23°45	15°49	7°58	20°13	5° 8	10°53	9°24	8°45	17°35	F 15
S 16	1 35 10	21°54'57	23° 3	16°16	8°42	6°53	23°57	15°55	8° 1	20°15	5° 7	10°48	9°20	8°52	17°39	S 16
S 17	1 39 6	22°54'33	5♉55	17°19	9°44	7°13	24° 9	16° 2	8° 5	20°17	5° 7	10°45	9°17	8°59	17°44	S 17
M 18	1 43 3	23°54'12	18°24	18°19	10°45	7°32	24°21	16° 9	8° 9	20°19	5° 6	10°43	9°14	9° 5	17°49	M 18
T 19	1 47 0	24°53'52	0♌235	19°17	11°46	7°51	24°33	16°15	8°12	20°22	5° 5	10°D43	9°11	9°12	17°54	T 19
W 20	1 50 56	25°53'35	12°33	20°12	12°46	8°10	24°45	16°21	8°16	20°24	5° 4	10°44	9° 8	9°18	17°59	W 20
T 21	1 54 53	26°53'20	24°22	21° 3	13°46	8°28	24°57	16°28	8°20	20°26	5° 4	10°46	9° 5	9°25	18° 4	T 21
F 22	1 58 49	27°53'07	6♏ 9	21°51	14°46	8°45	25° 9	16°34	8°23	20°28	5° 3	10°R47	9° 1	9°32	18° 9	F 22
S 23	2 2 46	28°52'57	17°57	22°34	15°45	9° 2	25°21	16°40	8°27	20°30	5° 2	10°47	8°58	9°38	18°14	S 23
S 24	2 6 42	29°52'48	29°51	23°13	16°44	9°18	25°33	16°47	8°31	20°32	5° 2	10°45	8°55	9°45	18°20	S 24
M 25	2 10 39	0♍52'42	11♌54	23°46	17°42	9°34	25°45	16°53	8°34	20°34	5° 1	10°40	8°52	9°52	18°25	M 25
T 26	2 14 35	1°52'37	24° 7	24°14	18°40	9°49	25°56	16°59	8°38	20°36	5° 0	10°34	8°49	9°58	18°30	T 26
W 27	2 18 32	2°52'35	6♍33	24°36	19°38	10° 4	26° 8	17° 5	8°41	20°39	5° 0	10°25	8°45	10° 5	18°36	W 27
T 28	2 22 28	3°52'34	19°12	24°51	20°35	10°18	26°19	17°11	8°45	20°41	4°59	10°15	8°42	10°12	18°41	T 28
F 29	2 26 25	4°52'36	2♈ 4	24°R58	21°32	10°31	26°31	17°17	8°48	20°43	4°59	10° 5	8°39	10°18	18°46	F 29
S 30	2 30 22	5°52'39	15° 9	24°58	22°28	10°43	26°42	17°23	8°52	20°45	4°58	9°56	8°36	10°25	18°52	S 30
S 31	2 34 18	6♍52'44	28♈25	24♍48	23♈24	10♉55	26°54	17°29	8♌55	20♍47	4♈58	9♈48	8♈33	10♏32	18♌58	S 31

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	lat
F 1	2s49	23s 9	4s57	11s38	1s15	20s57	2s32	23n30	0n 2	4n36	1n 3	7n50	1n44	2s12	0n40	16s 3	1n43	21s51	13s17	7s18	7s47	9n 7	17s19	5n30		
S 2	3 12	26 17	5 12	12 15	1 22	21 18	2 36	23 31	0 4	4 31	1 3	7 47	1 44	2 13	0 40	16 4	1 43	21 52	13 17	7 20	7 48	9 4	17 20	5 30		
S 3	3 36	28 6	5 11	12 51	1 29	21 38	2 40	23 32	0 5	4 26	1 3	7 44	1 44	2 15	0 40	16 4	1 43	21 52	13 16	7 21	7 49	9 1	17 20	5 30		
M 4	3 59	28 22	4 55	13 27	1 36	21 57	2 44	23 34	0 7	4 21	1 3	7 42	1 45	2 16	0 40	16 5	1 43	21 52	13 16	7 21	7 50	8 57	17 21	5 29		
T 5	4 22	26 56	4 21	14 2	1 43	22 16	2 48	23 35	0 9	4 16	1 3	7 39	1 45	2 18	0 40	16 5	1 43	21 52	13 16	7 21	7 51	8 54	17 22	5 29		
W 6	4 45	23 50	3 31	14 36	1 50	22 35	2 52	23 36	0 10	4 12	1 3	7 37	1 45	2 19	0 40	16 6	1 43	21 53	13 16	7 21	7 53	8 51	17 22	5 29		
T 7	5 8	19 13	2 28	15 9	1 56	22 53	2 56	23 37	0 12	4 7	1 3	7 34	1 45	2 21	0 40	16 6	1 42	21 53	13 16	7 20	7 54	8 47	17 23	5 28		
F 8	5 32	13 23	1 13	15 42	2 3	23 10	2 59	23 38	0 14	4 2	1 3	7 31	1 45	2 22	0 40	16 7	1 42	21 53	13 16	7 20	7 55	8 44	17 24	5 28		
S 9	5 54	6 44	0n 7	16 13	2 9	23 27	3 3	23 39	0 16	3 57	1 4	7 29	1 45	2 24	0 40	16 7	1 42	21 53	13 15	7 20	7 56	8 41	17 25	5 28		
S 10	6 17	0n21	1 28	16 44	2 15	23 44	3 7	23 40	0 17	3 52	1 4	7 26	1 45	2 25	0 40	16 8	1 42	21 54	13 15	7 20	7 57	8 38	17 25	5 27		
M 11	6 40	7 25	2 42	17 13	2 21	23 59	3 10	23 41	0 19	3 47	1 4	7 24	1 46	2 27	0 40	16 9	1 42	21 54	13 15	7 21	7 59	8 34	17 26	5 27		
T 12	7 3	14 0	3 44	17 41	2 27	24 15	3 13	23 42	0 21	3 42	1 4	7 21	1 46	2 28	0 40	16 9	1 42	21 54	13 15	7 23	8 0	8 31	17 27	5 27		
W 13	7 26	19 42	4 31	18 8	2 32	24 30	3 17	23 43	0 23	3 38	1 4	7 19	1 46	2 30	0 40	16 10	1 42	21 54	13 15	7 25	8 1	8 28	17 27	5 26		
T 14	7 48	24 8	5 0	18 34	2 37	24 44	3 20	23 44	0 25	3 33	1 4	7 16	1 46	2 31	0 40	16 10	1 42	21 54	13 15	7 27	8 2	8 24	17 28	5 26		
F 15	8 11	27 3	5 10	18 59	2 42	24 57	3 23	23 45	0 27	3 28	1 4	7 14	1 46	2 33	0 40	16 11	1 42	21 54	13 14	7 30	8 3	8 21	17 29	5 26		
S 16	8 33	28 20	5 3	19 22	2 46	25 11	3 26	23 46	0 29	3 23	1 4	7 11	1 46	2 34	0 40	16 11	1 42	21 54	13 14	7 31	8 5	8 18	17 29	5 26		
S 17	8 55	28 1	4 41	19 44	2 50	25 23	3 29	23 47	0 31	3 19	1 4	7 9	1 46	2 36	0 40	16 12	1 42	21 54	13 14	7 33	8 6	8 14	17 30	5 25		
M 18	9 17	26 16	4 6	20 5	2 54	25 35	3 32	23 48	0 33	3 14	1 4	7 7	1 47	2 37	0 40	16 12	1 42	21 55	13 14	7 33	8 7	8 11	17 31	5 25		
T 19	9 39	23 19	3 21	20 24	2 57	25 46	3 35	23 49	0 35	3 9	1 5	7 4	1 47	2 39	0 40	16 13	1 42	21 55	13 14	7 33	8 8	8 8	17 32	5 25		
W 20	10 1	19 25	2 27	20 42	2 59	25 57	3 38	23 50	0 37	3 5	1 5	7 2	1 47	2 40	0 40	16 14	1 42	21 55	13 13	7 33	8 9	8 4	17 32	5 24		
T 21	10 23	14 48	1 28	20 57	3 1	26 7	3 40	23 51	0 39	3 0	1 5	7 0	1 47	2 41	0 40	16 14	1 42	21 55	13 13	7 32	8 11	8 1	17 33	5 24		
F 22	10 44	9 39	0 25	21 11	3 3	26 17	3 43	23 52	0 41	2 55	1 5	6 57	1 47	2 43	0 40	16 15	1 42	21 55	13 13	7 32	8 12	7 58	17 34	5 24		
S 23	11 5	4 10	0s39	21 23	3 3	26 26	3 45	23 53	0 43	2 51	1 5	6 55	1 47	2 44	0 40	16 15	1 42	21 55	13 13	7 32	8 13	7 54	17 34	5 24		
S 24	11 27	1s29	1 41	21 33	3 3	26 35	3 47	23 54	0 46	2 46	1 5	6 53	1 48	2 46	0 40	16 16	1 42	21 55	13 12	7 33	8 14	7 51	17 35	5 24		
M 25	11 48	7 9	2 40	21 40	3 2	26 42	3 50	23 55	0 48	2 42	1 5	6 50	1 48	2 47	0 40	16 17	1 42	21 55	13 12	7 34	8 15	7 48	17 36	5 23		
T 26	12 8	12 38	3 32	21 45	3 0	26 50	3 52	23 56	0 50	2 37	1 5	6 48	1 48	2 49	0 40	16 17	1 42	21 55	13 12	7 37	8 17	7 44	17 36	5 23		
W 27	12 29	17 43	4 14	21 48	2 57	26 56	3 53	23 57	0 52	2 33	1 6	6 46	1 48	2 50	0 40	16 18	1 42	21 55	13 12	7 40	8 18	7 41	17 37	5 23		
T 28	12 50	22 7	4 45	21 47	2 52	27 2	3 55	23 58	0 55	2 28	1 6	6 44	1 48	2 51	0 40	16 18	1 42	21 55	13 11	7 44	8 19	7 38	17 38	5 23		
F 29	13 10	25 32	5 2	21 44	2 47	27 8	3 57	24 0	0 57	2 24	1 6	6 42	1 49	2 53	0 40	16 19	1 42	21 55	13 11	7 48	8 20	7 35	17 38	5 22		
S 30	13 30	27 40	5 4	21 37	2 40	27 13	3 58	24 1	0 59	2 19	1 6	6 40	1 49	2 54	0 40	16 19	1 42	21 55	13 11	7 51	8 21	7 31	17 39	5 22		
S 31	13s50	28s17	4s49	21s26	2s32	27s17	3s59	24n 3	1n 2	2n15	1n 6	6n38	1n49	2s55	0n40	16s20	1n42	21s55	13s11	7s54	8s23	7n28	17s40	5n22		

ASTRODIENST EPHEMERIS for the year 1802
geocentric

NOVEMBER 1802

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
M 1	2 38 15	7♏52°51	11♊53	24°R30	24♏19	11♊7	27♏5	17♏34	8♏59	20♏49	4°R57	9°R42	8♏30	10♏38	19♏3	M 1
T 2	2 42 11	8°52'59	25°32	24♏2	25°13	11°17	27°16	17°40	9°2	20°52	4♏57	9♏39	8°26	10°45	19°9	T 2
W 3	2 46 8	9°53'08	9♏23	23°24	26°7	11°27	27°27	17°46	9°6	20°54	4°56	9°D39	8°23	10°52	19°15	W 3
T 4	2 50 4	10°53'20	23°26	22°36	27°1	11°36	27°38	17°51	9°9	20°56	4°56	9°39	8°20	10°58	19°20	T 4
F 5	2 54 1	11°53'32	7♏40	21°40	27°54	11°45	27°49	17°57	9°12	20°58	4°56	9°R40	8°17	11°5	19°26	F 5
S 6	2 57 57	12°53'46	22°4	20°35	28°46	11°53	28°0	18°2	9°16	21°1	4°55	9°39	8°14	11°11	19°32	S 6
S 7	3 1 54	13°54'01	6♏35	19°24	29°37	12°0	28°11	18°7	9°19	21°3	4°55	9°36	8°11	11°18	19°38	S 7
M 8	3 5 51	14°54'18	21°7	18°7	0♊28	12°6	28°22	18°13	9°22	21°5	4°55	9°31	8°7	11°25	19°44	M 8
T 9	3 9 47	15°54'37	5♏37	16°47	1°17	12°12	28°33	18°18	9°25	21°7	4°55	9°23	8°4	11°31	19°50	T 9
W10	3 13 44	16°54'57	19°55	15°27	2°7	12°17	28°43	18°23	9°29	21°10	4°54	9°12	8°1	11°38	19°56	W10
T 11	3 17 40	17°55'19	3♏58	14°10	2°55	12°21	28°54	18°28	9°32	21°12	4°54	9°1	7°58	11°45	20°2	T 11
F 12	3 21 37	18°55'43	17°39	12°57	3°42	12°24	29°4	18°33	9°35	21°14	4°54	8°50	7°55	11°51	20°8	F 12
S 13	3 25 33	19°56'09	0♊57	11°51	4°29	12°26	29°14	18°38	9°38	21°16	4°54	8°40	7°51	11°58	20°14	S 13
S 14	3 29 30	20°56'36	13°50	10°54	5°14	12°28	29°25	18°43	9°41	21°19	4°54	8°32	7°48	12°5	20°20	S 14
M15	3 33 27	21°57'05	26°21	10°8	5°59	12°29	29°35	18°47	9°44	21°21	4°53	8°26	7°45	12°11	20°27	M15
T 16	3 37 23	22°57'36	8♏34	9°32	6°43	12°R29	29°45	18°52	9°47	21°23	4°53	8°24	7°42	12°18	20°33	T 16
W17	3 41 20	23°58'09	20°32	9°9	7°25	12°28	29°55	18°56	9°50	21°25	4°53	8°D23	7°39	12°25	20°39	W17
T 18	3 45 16	24°58'44	2♏22	8°57	8°7	12°26	0♏5	19°1	9°53	21°28	4°53	8°R23	7°36	12°31	20°45	T 18
F 19	3 49 13	25°59'20	14°10	8°D56	8°48	12°24	0°15	19°5	9°56	21°30	4°D53	8°23	7°32	12°38	20°52	F 19
S 20	3 53 9	26°59'58	25°59	9°7	9°27	12°20	0°24	19°10	9°59	21°32	4°53	8°21	7°29	12°44	20°58	S 20
S 21	3 57 6	28°0'37	7♏56	9°27	10°5	12°16	0°34	19°14	10°2	21°34	4°53	8°18	7°26	12°51	21°4	S 21
M22	4 1 2	29°1'18	20°6	9°56	10°42	12°11	0°43	19°18	10°5	21°37	4°53	8°12	7°23	12°58	21°11	M22
T 23	4 4 59	0♏2'01	2♏30	10°33	11°17	12°5	0°53	19°22	10°8	21°39	4°53	8°3	7°20	13°4	21°17	T 23
W24	4 8 56	1°2'45	15°11	11°18	11°52	11°58	1°2	19°26	10°10	21°41	4°53	7°51	7°17	13°11	21°24	W24
T 25	4 12 52	2°3'31	28°9	12°9	12°24	11°50	1°11	19°30	10°13	21°43	4°54	7°38	7°13	13°18	21°30	T 25
F 26	4 16 49	3°4'18	11♏24	13°6	12°56	11°42	1°20	19°34	10°16	21°46	4°54	7°24	7°10	13°24	21°37	F 26
S 27	4 20 45	4°5'07	24°53	14°7	13°25	11°32	1°29	19°37	10°18	21°48	4°54	7°11	7°7	13°31	21°43	S 27
S 28	4 24 42	5°5'56	8♏33	15°13	13°54	11°22	1°38	19°41	10°21	21°50	4°54	7°1	7°4	13°38	21°50	S 28
M29	4 28 38	6°6'47	22°22	16°23	14°20	11°11	1°46	19°44	10°23	21°52	4°54	6°53	7°1	13°44	21°56	M29
T 30	4 32 35	7♏7'38	6♏17	17♏36	14♏45	10♏58	1°55	19°48	10°26	21°54	4°55	6°48	6°57	13°51	22°3	T 30

Day	☉	☽		♊		♋		♌		♍		♎		♏		♐		♑		♒	♓	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	14s 9	27s14	4s19	21s12	2s22	27s21	4s 0	24n 4	1n 4	2n10	1n 6	6n35	1n49	2s57	0n40	16s21	1n42	21s55	13s10	7s56	8s24	7n25	17s40	5n22										
T 2	14 29	24 33	3 33	20 54	2 10	27 24	4 1	24 6	1 7	2 6	1 6	6 33	1 49	2 58	0 40	16 21	1 42	21 55	13 10	7 57	8 25	7 21	17 41	5 22										
W 3	14 48	20 24	2 34	20 31	1 57	27 27	4 2	24 7	1 9	2 2	1 7	6 31	1 50	2 59	0 40	16 22	1 42	21 55	13 10	7 58	8 26	7 18	17 41	5 21										
T 4	15 7	15 4	1 26	20 5	1 42	27 29	4 3	24 9	1 12	1 58	1 7	6 29	1 50	3 1	0 40	16 22	1 42	21 55	13 10	7 58	8 27	7 14	17 42	5 21										
F 5	15 25	8 52	0 11	19 34	1 25	27 30	4 3	24 11	1 14	1 53	1 7	6 28	1 50	3 2	0 40	16 23	1 42	21 54	13 9	7 57	8 28	7 11	17 43	5 21										
S 6	15 44	2 9	1n 6	18 59	1 7	27 31	4 3	24 12	1 17	1 49	1 7	6 26	1 50	3 3	0 40	16 24	1 42	21 54	13 9	7 58	8 30	7 8	17 43	5 21										
S 7	16 2	4n44	2 18	18 22	0 48	27 31	4 3	24 14	1 19	1 45	1 7	6 24	1 50	3 5	0 40	16 24	1 42	21 54	13 9	7 59	8 31	7 4	17 44	5 21										
M 8	16 20	11 22	3 22	17 41	0 27	27 31	4 3	24 16	1 22	1 41	1 7	6 22	1 51	3 6	0 40	16 25	1 42	21 54	13 9	8 1	8 32	7 1	17 44	5 21										
T 9	16 37	17 22	4 12	16 59	0 7	27 30	4 3	24 19	1 25	1 37	1 7	6 20	1 51	3 7	0 40	16 25	1 42	21 54	13 8	8 4	8 33	6 58	17 45	5 21										
W10	16 55	22 19	4 46	16 16	0n14	27 29	4 2	24 21	1 27	1 33	1 8	6 18	1 51	3 8	0 40	16 26	1 42	21 54	13 8	8 8	8 34	6 54	17 46	5 20										
T 11	17 12	25 54	5 1	15 34	0 34	27 27	4 1	24 23	1 30	1 29	1 8	6 16	1 51	3 10	0 41	16 27	1 42	21 54	13 8	8 12	8 36	6 51	17 46	5 20										
F 12	17 28	27 51	4 59	14 54	0 53	27 25	4 0	24 26	1 33	1 25	1 8	6 15	1 51	3 11	0 41	16 27	1 42	21 53	13 8	8 16	8 37	6 48	17 47	5 20										
S 13	17 45	28 8	4 40	14 17	1 11	27 22	3 59	24 28	1 35	1 21	1 8	6 13	1 52	3 12	0 41	16 28	1 42	21 53	13 7	8 20	8 38	6 44	17 47	5 20										
S 14	18 1	26 51	4 7	13 44	1 28	27 19	3 57	24 31	1 38	1 17	1 8	6 11	1 52	3 13	0 41	16 28	1 42	21 53	13 7	8 23	8 39	6 41	17 48	5 20										
M15	18 17	24 14	3 24	13 15	1 42	27 15	3 56	24 33	1 41	1 13	1 8	6 10	1 52	3 14	0 41	16 29	1 42	21 53	13 7	8 25	8 40	6 38	17 48	5 20										
T 16	18 32	20 35	2 31	12 53	1 54	27 11	3 54	24 36	1 44	1 9	1 9	6 8	1 52	3 16	0 41	16 29	1 42	21 53	13 6	8 26	8 41	6 34	17 49	5 20										
W17	18 47	16 8	1 33	12 35	2 5	27 6	3 51	24 39	1 47	1 5	1 9	6 6	1 53	3 17	0 41	16 30	1 42	21 52	13 6	8 26	8 43	6 31	17 49	5 20										
T 18	19 2	11 8	0 32	12 24	2 13	27 1	3 49	24 42	1 50	1 1	1 9	6 5	1 53	3 18	0 41	16 31	1 42	21 52	13 6	8 26	8 44	6 28	17 50	5 20										
F 19	19 16	5 46	0s31	12 17	2 20	26 56	3 46	24 45	1 52	0 58	1 9	6 3	1 53	3 19	0 41	16 31	1 42	21 52	13 6	8 26	8 45	6 24	17 50	5 19										
S 20	19 31	0 11	1 32	12 16	2 24	26 50	3 43	24 49	1 55	0 54	1 9	6 2	1 53	3 20	0 41	16 32	1 42	21 52	13 5	8 27	8 46	6 21	17 51	5 19										
S 21	19 44	5s27	2 30	12 19	2 27	26 43	3 39	24 52	1 58	0 50	1 10	6 0	1 54	3 21	0 41	16 32	1 42	21 51	13 5	8 28	8 47	6 18	17 51	5 19										
M22	19 58	10 58	3 22	12 27	2 29	26 37	3 35	24 55	2 1	0 47	1 10	5 59	1 54	3 22	0 41	16 33	1 42	21 51	13 5	8 30	8 49	6 14	17 52	5 19										
T 23	20 11	16 11	4 5	12 38	2 29	26 30	3 31	24 59	2 4	0 43	1 10	5 58	1 54	3 23	0 41	16 34	1 42	21 51	13 4	8 34	8 50	6 11	17 52	5 19										
W24	20 24	20 49	4 37	12 53	2 28	26 22	3 27	25 2	2 7	0 40	1 10	5 56	1 54	3 24	0 41	16 34	1 42	21 50	13 4	8 38	8 51	6 7	17 53	5 19										
T 25	20 36	24 34	4 56	13 10	2 27	26 14	3 22	25 6	2 10	0 36	1 10	5 55	1 55	3 25	0 41	16 35	1 42	21 50	13 4	8 43	8 52	6 4	17 53	5 19										
F 26	20 48	27 7	4 59	13 30	2 24	26 6	3 17	25 10	2 13	0 33	1 11	5 54	1 55	3 27	0 41	16 35	1 42	21 50	13 4	8 48	8 53	6 1	17 54	5 19										
S 27	20 59	28 8	4 46	13 52	2 20	25 58	3 11	25 13	2 16	0 30	1 11	5 53	1 55	3 28	0 41	16 36	1 42	21 49	13 3	8 53	8 54	5 57	17 54	5 19										
S 28	21 10	27 27	4 16	14 15	2 16	25 49	3 5	25 17	2 19	0 26	1 11	5 51	1 55	3 29	0 41	16 36	1 42	21 49	13 3	8 57	8 56	5 54	17 54	5 19										
M29	21 21	25 5	3 31	14 40	2 11	25 40	2 59	25 21	2 22	0 23	1 11	5 50	1 56	3 29	0 41	16 37	1 42	21 49	13 3	9 0	8 57	5 51	17 55	5 19										
T 30	21s32	21s12	2s33	15s 6	2n 5	25s31	2s53	25n25	2n25	0n20	1n11	5n49	1n56	3s30	0n41	16s37	1n42	21s48	13s 2	9s 2	8s58	5n47	17s55	5n19										

ASTRODIENST EPHEMERIS for the year 1802
geocentric

DECEMBER 1802

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	4 36 31	8♂ 8'30	20♂17	18♂51	15♂ 8	10°R46	2♂ 3	19♂51	10♂28	21♂57	4♂55	6°R46	6♂54	13♂58	22♂ 9	W 1
T 2	4 40 28	9° 9'23	4♂19	20° 9	15°29	10♂32	2°12	19°54	10°31	21°59	4°55	6♂45	6°51	14° 4	22°16	T 2
F 3	4 44 25	10°10'17	18°24	21°29	15°48	10°17	2°20	19°57	10°33	22° 1	4°56	6°45	6°48	14°11	22°23	F 3
S 4	4 48 21	11°11'11	2°V30	22°51	16° 5	10° 2	2°28	20° 0	10°35	22° 3	4°56	6°44	6°45	14°18	22°29	S 4
S 5	4 52 18	12°12'07	16°37	24°14	16°20	9°46	2°36	20° 3	10°38	22° 5	4°56	6°41	6°42	14°24	22°36	S 5
M 6	4 56 14	13°13'03	0♂43	25°39	16°33	9°30	2°44	20° 6	10°40	22° 7	4°57	6°35	6°38	14°31	22°43	M 6
T 7	5 0 11	14°13'59	14°45	27° 4	16°44	9°12	2°51	20° 9	10°42	22° 9	4°57	6°25	6°35	14°37	22°49	T 7
W 8	5 4 7	15°14'57	28°38	28°31	16°52	8°54	2°59	20°12	10°44	22°12	4°58	6°14	6°32	14°44	22°56	W 8
T 9	5 8 4	16°15'55	12♂19	29°58	16°58	8°35	3° 6	20°14	10°46	22°14	4°58	6° 1	6°29	14°51	23° 3	T 9
F 10	5 12 0	17°16'54	25°45	1♂26	17° 2	8°16	3°14	20°16	10°48	22°16	4°59	5°48	6°26	14°57	23° 9	F 10
S 11	5 15 57	18°17'54	8♂51	2°55	17°R 3	7°56	3°21	20°19	10°50	22°18	4°59	5°36	6°23	15° 4	23°16	S 11
S 12	5 19 54	19°18'55	21°39	4°24	17° 2	7°35	3°28	20°21	10°52	22°20	5° 0	5°27	6°19	15°11	23°23	S 12
M13	5 23 50	20°19'57	4♂ 7	5°54	16°59	7°14	3°35	20°23	10°54	22°22	5° 0	5°20	6°16	15°17	23°29	M13
T 14	5 27 47	21°21'00	16°19	7°24	16°53	6°53	3°41	20°25	10°56	22°24	5° 1	5°16	6°13	15°24	23°36	T 14
W15	5 31 43	22°22'03	28°18	8°54	16°44	6°31	3°48	20°27	10°58	22°26	5° 2	5°14	6°10	15°31	23°43	W15
T 16	5 35 40	23°23'07	10♂ 8	10°25	16°33	6° 9	3°54	20°29	11° 0	22°28	5° 2	5°D14	6° 7	15°37	23°50	T 16
F 17	5 39 36	24°24'12	21°56	11°56	16°20	5°46	4° 0	20°30	11° 1	22°30	5° 3	5°R15	6° 3	15°44	23°56	F 17
S 18	5 43 33	25°25'18	3♂46	13°27	16° 4	5°23	4° 7	20°32	11° 3	22°32	5° 4	5°14	6° 0	15°51	24° 3	S 18
S 19	5 47 29	26°26'25	15°44	14°59	15°46	5° 0	4°13	20°33	11° 5	22°34	5° 4	5°12	5°57	15°57	24°10	S 19
M20	5 51 26	27°27'32	27°55	16°30	15°25	4°36	4°18	20°35	11° 6	22°36	5° 5	5° 8	5°54	16° 4	24°16	M20
T 21	5 55 23	28°28'41	10♂23	18° 3	15° 2	4°12	4°24	20°36	11° 8	22°38	5° 6	5° 1	5°51	16°11	24°23	T 21
W22	5 59 19	29°29'50	23°12	19°35	14°37	3°49	4°29	20°37	11° 9	22°40	5° 7	4°52	5°48	16°17	24°30	W22
T 23	6 3 16	0♂30'59	6♂24	21° 7	14°10	3°25	4°35	20°38	11°11	22°42	5° 8	4°41	5°44	16°24	24°36	T 23
F 24	6 7 12	1°32'09	19°57	22°40	13°41	3° 1	4°40	20°39	11°12	22°44	5° 8	4°30	5°41	16°30	24°43	F 24
S 25	6 11 9	2°33'19	3♂49	24°13	13°11	2°37	4°45	20°40	11°13	22°45	5° 9	4°19	5°38	16°37	24°50	S 25
S 26	6 15 5	3°34'30	17°56	25°47	12°39	2°13	4°50	20°41	11°14	22°47	5°10	4°10	5°35	16°44	24°56	S 26
M27	6 19 2	4°35'41	2♂12	27°20	12° 5	1°50	4°54	20°41	11°16	22°49	5°11	4° 3	5°32	16°50	25° 3	M27
T 28	6 22 59	5°36'52	16°34	28°54	11°31	1°26	4°59	20°42	11°17	22°51	5°12	3°59	5°29	16°57	25°10	T 28
W29	6 26 55	6°38'02	0♂54	0♂28	10°55	1° 3	5° 3	20°42	11°18	22°53	5°13	3°D58	5°25	17° 4	25°16	W29
T 30	6 30 52	7°39'13	15°11	2° 3	10°19	0°40	5° 7	20°42	11°19	22°54	5°14	3°58	5°22	17°10	25°23	T 30
F 31	6 34 48	8♂40'23	29♂22	3♂37	9♂42	0♂18	5♂11	20♂42	11♂20	22♂56	5♂15	3♂59	5♂19	17♂17	25♂29	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
W 1	21s41	16s 6	1s26	15s32	2n 0	25s21	2s46	25n29	2n28	0n17	1n12	5n48	1n56	3s31	0n41	16s38	1n42	21s48	13s 2	9s 2	8s59	5n44	17s56	5n19					
T 2	21 51	10 8	0 13	15 59	1 54	25 11	2 38	25 33	2 31	0 13	1 12	5 47	1 56	3 32	0 41	16 39	1 42	21 48	13 2	9 3	9 0	5 41	17 56	5 19					
F 3	22 0	3 39	1n 1	16 26	1 47	25 1	2 30	25 37	2 34	0 10	1 12	5 46	1 57	3 33	0 41	16 39	1 42	21 47	13 2	9 3	9 2	5 37	17 56	5 19					
S 4	22 9	3n 0	2 12	16 53	1 40	24 51	2 22	25 41	2 37	0 7	1 12	5 45	1 57	3 34	0 41	16 40	1 42	21 47	13 1	9 3	9 3	5 34	17 57	5 19					
S 5	22 17	9 31	3 14	17 21	1 33	24 40	2 13	25 45	2 39	0 4	1 12	5 44	1 57	3 35	0 41	16 40	1 42	21 46	13 1	9 4	9 4	5 30	17 57	5 19					
M 6	22 25	15 33	4 4	17 48	1 26	24 29	2 4	25 49	2 42	0 2	1 13	5 43	1 57	3 36	0 41	16 41	1 42	21 46	13 1	9 7	9 5	5 27	17 57	5 19					
T 7	22 32	20 44	4 40	18 15	1 19	24 19	1 54	25 54	2 45	0s 1	1 13	5 42	1 58	3 37	0 41	16 41	1 42	21 46	13 0	9 10	9 6	5 24	17 58	5 19					
W 8	22 39	24 43	4 58	18 41	1 12	24 7	1 44	25 58	2 48	0 4	1 13	5 42	1 58	3 37	0 41	16 42	1 42	21 45	13 0	9 14	9 7	5 20	17 58	5 19					
T 9	22 45	27 14	4 59	19 7	1 4	23 56	1 34	26 1	2 51	0 7	1 13	5 41	1 58	3 38	0 41	16 42	1 42	21 45	13 0	9 19	9 9	5 17	17 58	5 19					
F 10	22 51	28 6	4 43	19 33	0 57	23 45	1 23	26 5	2 53	0 10	1 14	5 40	1 58	3 39	0 41	16 43	1 42	21 44	13 0	9 24	9 10	5 14	17 58	5 19					
S 11	22 57	27 22	4 12	19 57	0 50	23 33	1 11	26 9	2 56	0 12	1 14	5 40	1 59	3 40	0 41	16 43	1 42	21 44	12 59	9 28	9 11	5 10	17 59	5 19					
S 12	23 2	25 10	3 29	20 21	0 42	23 22	0 59	26 13	2 58	0 15	1 14	5 39	1 59	3 41	0 41	16 44	1 42	21 43	12 59	9 31	9 12	5 7	17 59	5 20					
M13	23 7	21 48	2 37	20 45	0 35	23 10	0 47	26 17	3 1	0 17	1 14	5 38	1 59	3 41	0 41	16 44	1 42	21 43	12 59	9 34	9 13	5 3	17 59	5 20					
T 14	23 11	17 32	1 39	21 7	0 27	22 58	0 34	26 20	3 3	0 20	1 15	5 38	1 59	3 42	0 41	16 45	1 42	21 42	12 59	9 35	9 14	5 0	17 59	5 20					
W15	23 15	12 39	0 37	21 29	0 20	22 46	0 21	26 24	3 6	0 22	1 15	5 37	2 0	3 43	0 41	16 45	1 42	21 42	12 58	9 36	9 16	4 57	18 0	5 20					
T 16	23 18	7 22	0s26	21 50	0 13	22 34	0 7	26 27	3 8	0 24	1 15	5 37	2 0	3 43	0 41	16 46	1 42	21 41	12 58	9 36	9 17	4 53	18 0	5 20					
F 17	23 21	1 52	1 28	22 9	0 5	22 21	0n 7	26 31	3 10	0 27	1 15	5 36	2 0	3 44	0 41	16 46	1 42	21 41	12 58	9 36	9 18	4 50	18 0	5 20					
S 18	23 23	3s43	2 26	22 28	0s 2	22 9	0 21	26 34	3 12	0 29	1 15	5 36	2 1	3 45	0 41	16 47	1 42	21 40	12 58	9 36	9 19	4 47	18 0	5 20					
S 19	23 25	9 14	3 18	22 46	0 9	21 57	0 36	26 37	3 15	0 31	1 16	5 36	2 1	3 45	0 42	16 47	1 42	21 40	12 57	9 37	9 20	4 43	18 0	5 20					
M20	23 27	14 31	4 2	23 3	0 16	21 44	0 51	26 40	3 17	0 33	1 16	5 36	2 1	3 46	0 42	16 48	1 42	21 39	12 57	9 38	9 22	4 40	18 0	5 20					
T 21	23 28	19 19	4 36	23 18	0 22	21 32	1 6	26 42	3 18	0 35	1 16	5 35	2 1	3 46	0 42	16 48	1 42	21 39	12 57	9 41	9 23	4 36	18 1	5 21					
W22	23 28	23 23	4 57	23 33	0 29	21 19	1 21	26 45	3 20	0 37	1 16	5 35	2 2	3 47	0 42	16 49	1 42	21 38	12 56	9 44	9 24	4 33	18 1	5 21					
T 23	23 28	26 23	5 3	23 46	0 36	21 6	1 37	26 47	3 22	0 39	1 17	5 35	2 2	3 47	0 42	16 49	1 42	21 38	12 56	9 48	9 25	4 30	18 1	5 21					
F 24	23 27	27 57	4 52	23 58	0 42	20 54	1 53	26 50	3 24	0 41	1 17	5 35	2 2	3 48	0 42	16 49	1 42	21 37	12 56	9 52	9 26	4 26	18 1	5 21					
S 25	23 27	27 49	4 25	24 9	0 48	20 41	2 8	26 52	3 25	0 42	1 17	5 35	2 2	3 48	0 42	16 50	1 42	21 37	12 56	9 56	9 27	4 23	18 1	5 21					
S 26	23 25	25 54	3 40	24 18	0 54	20 29	2 24	26 54	3 27	0 44	1 18	5 35	2 3	3 49	0 42	16 50	1 42	21 36	12 56	10 0	9 29	4 20	18 1	5 21					
M27	23 23	22 19	2 41	24 27	1 0	20 16	2 39	26 55	3 28	0 46	1 18	5 35	2 3	3 49	0 42	16 51	1 42	21 36	12 55	10 2	9 30	4 16	18 1	5 22					
T 28	23 21	17 21	1 32	24 34	1 6	20 4	2 55	26 57	3 29	0 47	1 18	5 35	2 3	3 50	0 42	16 51	1 43	21 35	12 55	10 3	9 31	4 13	18 1	5 22					
W29	23 18	11 25	0 16	24 39	1 11	19 52	3 10	26 58	3 30	0 49	1 18	5 35	2 4	3 50	0 42	16 52	1 43	21 34	12 55	10 4	9 32	4 9	18 1	5 22					
T 30	23 15	4 55	1n 0	24 44	1 17	19 39	3 25	26 59	3 32	0 50	1 19	5 35	2 4	3 50	0 42	16 52	1 43	21 34	12 55	10 4	9 33	4 6	18 1	5 22					
F 31	23s11	1n46	2n12	24s47	1s22	19s28	3n40	27n 1	3n33	0s52	1n19	5n35	2n 4	3s51	0n42	16s52	1n43	21s33	12s54	10s 3	9s34	4n 3	18s 1	5n22					