



Astrodienst Ephemeris Tables for the year 1801

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 1801
geocentric

JANUARY 1801

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	6 40 39	10 ³ 10'48	19 ²⁶ 26	17 ³⁴ 34	16 ³² 32	11 ⁸ 46	1 ⁰ R51	23 ⁰ R22	1 ⁵⁴ 54	18 ⁴⁴ 44	2 ⁴³ 43	14 ⁰ R 4	13 ⁵⁵ 55	26 ^{II} 3	4 ⁷ 7	T 1
F 2	6 44 35	11 ⁰ 11'57	1 ⁰ 26	18 ⁴⁰ 40	17 ⁴⁵ 45	11 ⁵⁹ 59	1 ⁰ 44	23 ⁰ 19	1 ⁵⁴ 54	18 ⁴⁶ 46	2 ⁴⁴ 44	13 ⁵⁰ 50	13 ⁵² 52	26 ⁰ 9	4 ¹⁴ 14	F 2
S 3	6 48 32	12 ⁰ 13'06	13 ³² 32	19 ⁴⁸ 48	18 ⁵⁸ 58	12 ¹⁴ 14	1 ³⁷ 37	23 ⁰ 16	1 ⁵⁴ 54	18 ⁴⁷ 47	2 ⁴⁵ 45	13 ³⁷ 37	13 ⁴⁹ 49	26 ¹⁶ 16	4 ²⁰ 20	S 3
S 4	6 52 28	13 ⁰ 14'15	25 ⁴⁶ 46	20 ⁵⁹ 59	20 ¹¹ 11	12 ²⁸ 28	1 ³⁰ 30	23 ⁰ 13	1 ⁵⁴ 54	18 ⁴⁹ 49	2 ⁴⁶ 46	13 ²⁸ 28	13 ⁴⁵ 45	26 ²³ 23	4 ²⁷ 27	S 4
M 5	6 56 25	14 ⁰ 15'24	8 ¹⁰ 8	22 ¹² 12	21 ²⁴ 24	12 ⁴⁴ 44	1 ²³ 23	23 ⁰ 10	1 ⁵⁵ 55	18 ⁵⁰ 50	2 ⁴⁷ 47	13 ²¹ 21	13 ⁴² 42	26 ³⁰ 30	4 ³³ 33	M 5
T 6	7 0 21	15 ⁰ 16'33	20 ⁴³ 43	23 ²⁷ 27	22 ³⁷ 37	12 ⁵⁹ 59	1 ¹⁵ 15	23 ⁰ 7	1 ⁰ R55	18 ⁵² 52	2 ⁴⁸ 48	13 ¹⁷ 17	13 ³⁹ 39	26 ³⁶ 36	4 ⁴⁰ 40	T 6
W 7	7 4 18	16 ⁰ 17'42	3 ⁵³ 33	24 ⁴³ 43	23 ⁵⁰ 50	13 ¹⁶ 16	1 ⁰ 8	23 ⁰ 3	1 ⁵⁵ 55	18 ⁵³ 53	2 ⁴⁹ 49	13 ¹⁶ 16	13 ³⁶ 36	26 ⁴³ 43	4 ⁴⁶ 46	W 7
T 8	7 8 15	17 ⁰ 18'51	16 ⁴² 42	26 ⁰ 1	25 ⁰ 2	13 ³² 32	1 ⁰ 0	23 ⁰ 0	1 ⁵⁵ 55	18 ⁵⁴ 54	2 ⁵¹ 51	13 ¹⁶ 16	13 ³³ 33	26 ⁵⁰ 50	4 ⁵³ 53	T 8
F 9	7 12 11	18 ⁰ 20'00	0 ¹¹ 14	27 ²⁰ 20	26 ¹⁵ 15	13 ⁵⁰ 50	0 ⁵² 52	22 ⁵⁷ 57	1 ⁵⁴ 54	18 ⁵⁶ 56	2 ⁵² 52	13 ¹⁶ 16	13 ³⁰ 30	26 ⁵⁷ 57	4 ⁵⁹ 59	F 9
S 10	7 16 8	19 ⁰ 21'09	14 ¹⁰ 10	28 ⁴⁰ 40	27 ²⁸ 28	14 ⁰ 7	0 ⁴⁵ 45	22 ⁵³ 53	1 ⁵⁴ 54	18 ⁵⁷ 57	2 ⁵³ 53	13 ¹⁴ 14	13 ²⁶ 26	27 ⁰ 3	5 ⁰ 5	S 10
S 11	7 20 4	20 ⁰ 22'18	28 ³³ 33	0 ³ 2	28 ⁴⁰ 40	14 ²⁵ 25	0 ³⁷ 37	22 ⁴⁹ 49	1 ⁵⁴ 54	18 ⁵⁸ 58	2 ⁵⁵ 55	13 ¹⁰ 10	13 ²³ 23	27 ¹⁰ 10	5 ¹¹ 11	S 11
M12	7 24 1	21 ⁰ 23'27	13 ²⁰ 20	1 ²⁴ 24	29 ⁵² 52	14 ⁴⁴ 44	0 ²⁹ 29	22 ⁴⁶ 46	1 ⁵⁴ 54	19 ⁰ 0	2 ⁵⁶ 56	13 ⁰ 3	13 ²⁰ 20	27 ¹⁷ 17	5 ¹⁸ 18	M12
T 13	7 27 57	22 ⁰ 24'36	28 ²⁴ 24	2 ⁴⁸ 48	1 ¹ 5	15 ⁰ 3	0 ²¹ 21	22 ⁴² 42	1 ⁵³ 53	19 ⁰ 1	2 ⁵⁷ 57	12 ⁵³ 53	13 ¹⁷ 17	27 ²³ 23	5 ²⁴ 24	T 13
W14	7 31 54	23 ⁰ 25'44	13 ³ 37	4 ¹² 12	2 ¹⁷ 17	15 ²³ 23	0 ¹³ 13	22 ³⁸ 38	1 ⁵³ 53	19 ⁰ 2	2 ⁵⁸ 58	12 ⁴² 42	13 ¹⁴ 14	27 ³⁰ 30	5 ³⁰ 30	W14
T 15	7 35 51	24 ⁰ 26'52	28 ⁴⁹ 49	5 ³⁸ 38	3 ²⁹ 29	15 ⁴² 42	0 ⁰ 5	22 ³⁴ 34	1 ⁵³ 53	19 ⁰ 3	3 ⁰ 0	12 ³⁰ 30	13 ¹¹ 11	27 ³⁷ 37	5 ³⁶ 36	T 15
F 16	7 39 47	25 ⁰ 27'59	13 ³⁸ 38	7 ⁰ 4	4 ⁴¹ 41	16 ⁰ 3	29 ⁵⁷ 57	22 ³⁰ 30	1 ⁵² 52	19 ⁰ 5	3 ⁰ 1	12 ²⁰ 20	13 ⁰ 7	27 ⁴⁴ 44	5 ⁴¹ 41	F 16
S 17	7 43 44	26 ⁰ 29'06	28 ²⁶ 26	8 ³¹ 31	5 ⁵³ 53	16 ²³ 23	29 ⁴⁹ 49	22 ²⁶ 26	1 ⁵¹ 51	19 ⁰ 6	3 ⁰ 3	12 ¹¹ 11	13 ⁰ 4	27 ⁵⁰ 50	5 ⁴⁷ 47	S 17
S 18	7 47 40	27 ⁰ 30'12	12 ³ 35	9 ⁵⁸ 58	7 ⁰ 5	16 ⁴⁴ 44	29 ⁴¹ 41	22 ²² 22	1 ⁵¹ 51	19 ⁰ 7	3 ⁰ 4	12 ⁰ 5	13 ⁰ 1	27 ⁵⁷ 57	5 ⁵³ 53	S 18
M19	7 51 37	28 ⁰ 31'17	26 ¹⁵ 15	11 ²⁶ 26	8 ¹⁷ 17	17 ⁰ 6	29 ³³ 33	22 ¹⁸ 18	1 ⁵⁰ 50	19 ⁰ 8	3 ⁰ 5	12 ⁰ 2	12 ⁵⁸ 58	28 ⁰ 4	5 ⁵⁹ 59	M19
T 20	7 55 33	29 ⁰ 32'20	9 ¹ 26	12 ⁵⁵ 55	9 ²⁹ 29	17 ²⁸ 28	29 ²⁵ 25	22 ¹³ 13	1 ⁴⁹ 49	19 ⁰ 9	3 ⁰ 7	12 ⁰ D 1	12 ⁵⁵ 55	28 ¹⁰ 10	6 ⁰ 4	T 20
W21	7 59 30	0 ³³ 33'23	22 ¹¹ 11	14 ²⁵ 25	10 ⁴¹ 41	17 ⁵⁰ 50	29 ¹⁷ 17	22 ⁰ 9	1 ⁴⁹ 49	19 ¹⁰ 10	3 ⁰ 8	12 ⁰ 1	12 ⁵¹ 51	28 ¹⁷ 17	6 ¹⁰ 10	W21
T 22	8 3 26	1 ⁰ 34'25	4 ³ 36	15 ⁵⁵ 55	11 ⁵² 52	18 ¹² 12	29 ⁰ 9	22 ⁰ 5	1 ⁴⁸ 48	19 ¹¹ 11	3 ¹⁰ 10	12 ⁰ R 1	12 ⁴⁸ 48	28 ²⁴ 24	6 ¹⁵ 15	T 22
F 23	8 7 23	2 ⁰ 35'26	16 ⁴⁴ 44	17 ²⁶ 26	13 ⁰ 4	18 ³⁵ 35	29 ⁰ 1	22 ⁰ 0	1 ⁴⁷ 47	19 ¹² 12	3 ¹¹ 11	12 ⁰ 0	12 ⁴⁵ 45	28 ³¹ 31	6 ²¹ 21	F 23
S 24	8 11 20	3 ⁰ 36'25	28 ⁴² 42	18 ⁵⁸ 58	14 ¹⁵ 15	18 ⁵⁸ 58	28 ⁵³ 53	21 ⁵⁶ 56	1 ⁴⁶ 46	19 ¹³ 13	3 ¹³ 13	11 ⁵⁷ 57	12 ⁴² 42	28 ³⁷ 37	6 ²⁶ 26	S 24
S 25	8 15 16	4 ⁰ 37'24	10 ^{II} 33	20 ³⁰ 30	15 ²⁶ 26	19 ²² 22	28 ⁴⁵ 45	21 ⁵¹ 51	1 ⁴⁵ 45	19 ¹⁴ 14	3 ¹⁴ 14	11 ⁵¹ 51	12 ³⁹ 39	28 ⁴⁴ 44	6 ³¹ 31	S 25
M26	8 19 13	5 ⁰ 38'21	22 ²⁴ 24	22 ⁰ 3	16 ³⁷ 37	19 ⁴⁵ 45	28 ³⁷ 37	21 ⁴⁷ 47	1 ⁴⁴ 44	19 ¹⁴ 14	3 ¹⁶ 16	11 ⁴³ 43	12 ³⁶ 36	28 ⁵¹ 51	6 ³⁶ 36	M26
T 27	8 23 9	6 ⁰ 39'18	4 ⁵ 15	23 ³⁷ 37	17 ⁴⁸ 48	20 ⁰ 9	28 ²⁹ 29	21 ⁴² 42	1 ⁴³ 43	19 ¹⁵ 15	3 ¹⁷ 17	11 ³² 32	12 ³² 32	28 ⁵⁷ 57	6 ⁴² 42	T 27
W28	8 27 6	7 ⁰ 40'13	16 ¹² 12	25 ¹¹ 11	18 ⁵⁹ 59	20 ³⁴ 34	28 ²¹ 21	21 ³⁷ 37	1 ⁴² 42	19 ¹⁶ 16	3 ¹⁹ 19	11 ²⁰ 20	12 ²⁹ 29	29 ⁰ 4	6 ⁴⁷ 47	W28
T 29	8 31 2	8 ⁰ 41'07	28 ¹⁴ 14	26 ⁴⁶ 46	20 ¹⁰ 10	20 ⁵⁸ 58	28 ¹⁴ 14	21 ³³ 33	1 ⁴¹ 41	19 ¹⁷ 17	3 ²⁰ 20	11 ⁰ 7	12 ²⁶ 26	29 ¹¹ 11	6 ⁵² 52	T 29
F 30	8 34 59	9 ⁰ 42'00	10 ^{II} 25	28 ²² 22	21 ²¹ 21	21 ²³ 23	28 ⁰ 6	21 ²⁸ 28	1 ³⁹ 39	19 ¹⁸ 18	3 ²² 22	10 ⁵⁵ 55	12 ²³ 23	29 ¹⁸ 18	6 ⁵⁶ 56	F 30
S 31	8 38 55	10 ^{III} 42'52	22 ^{II} 43	29 ³ 58	22 ³ 31	21 ⁸ 49	27 ⁵⁸ 58	21 ^{II} 23	1 ³⁸ 38	19 ¹⁸ 18	3 ²³ 23	10 ^Y 45	12 ^Y 20	29 ^{II} 24	7 ³ 1	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
T 1	23s 5	26n58	4n58	21s12	1n42	17s38	1s49	16n57	1n39	20n17	0n32	14n55	1n14	0s 4	0n45	15s45	1n44	22s 2	12s23	5n33	5n30	28n18	17s32	3n31
F 2	23 0	24 30	4 45	21 26	1 33	17 15	1 48	17 2	1 39	20 19	0 32	14 56	1 15	0 4	0 45	15 45	1 44	22 1	12 23	5 28	5 29	28 19	17 33	3 32
S 3	22 54	20 55	4 20	21 40	1 25	16 51	1 47	17 7	1 40	20 21	0 32	14 57	1 15	0 4	0 45	15 46	1 44	22 1	12 23	5 23	5 27	28 19	17 33	3 32
S 4	22 48	16 26	3 42	21 54	1 16	16 27	1 46	17 12	1 41	20 23	0 32	14 58	1 15	0 4	0 45	15 46	1 44	22 0	12 22	5 19	5 26	28 20	17 34	3 33
M 5	22 42	11 13	2 54	22 7	1 7	16 2	1 45	17 17	1 41	20 24	0 33	15 0	1 15	0 4	0 45	15 46	1 44	21 59	12 22	5 17	5 25	28 20	17 35	3 33
T 6	22 35	5 28	1 56	22 20	0 58	15 37	1 44	17 23	1 42	20 26	0 33	15 1	1 15	0 4	0 45	15 47	1 44	21 59	12 22	5 15	5 24	28 21	17 36	3 34
W 7	22 28	0s38	0 51	22 32	0 50	15 12	1 42	17 28	1 43	20 28	0 33	15 2	1 16	0 4	0 45	15 47	1 45	21 58	12 22	5 15	5 22	28 21	17 36	3 34
T 8	22 21	6 51	0s18	22 43	0 41	14 46	1 41	17 34	1 43	20 30	0 33	15 4	1 16	0 4	0 45	15 47	1 45	21 57	12 22	5 15	5 21	28 21	17 37	3 34
F 9	22 13	12 57	1 28	22 54	0 33	14 20	1 39	17 39	1 44	20 32	0 33	15 5	1 16	0 4	0 45	15 48	1 45	21 57	12 22	5 14	5 20	28 22	17 38	3 35
S 10	22 4	18 35	2 35	23 3	0 24	13 54	1 37	17 45	1 44	20 34	0 33	15 6	1 16	0 4	0 45	15 48	1 45	21 56	12 21	5 14	5 19	28 22	17 38	3 35
S 11	21 55	23 21	3 35	23 12	0 16	13 27	1 36	17 51	1 45	20 35	0 34	15 8	1 16	0 4	0 45	15 48	1 45	21 56	12 21	5 12	5 17	28 23	17 39	3 36
M12	21 46	26 45	4 21	23 20	0 8	12 59	1 34	17 57	1 45	20 37	0 34	15 9	1 16	0 4	0 45	15 49	1 45	21 55	12 21	5 9	5 16	28 23	17 40	3 36
T 13	21 36	28 18	4 51	23 26	0 0	12 32	1 32	18 3	1 46	20 39	0 34	15 10	1 17	0 3	0 46	15 49	1 45	21 54	12 21	5 6	5 15	28 23	17 40	3 37
W14	21 26	27 45	5 0	23 32	0s 8	12 4	1 30	18 9	1 46	20 41	0 34	15 12	1 17	0 3	0 46	15 49	1 45	21 54	12 21	5 1	5 14	28 24	17 41	3 37
T 15	21 15	25 7	4 48	23 36	0 15	11 36	1 27	18 15	1 46	20 43	0 34	15 13	1 17	0 3	0 46	15 49	1 45	21 53	12 21	4 57	5 12	28 24	17 41	3 38
F 16	21 4	20 48	4 17	23 39	0 23	11 7	1 25	18 22	1 47	20 45	0 34	15 15	1 17	0 3	0 46	15 50	1 45	21 52	12 20	4 53	5 11	28 25	17 42	3 38
S 17	20 53	15 18	3 29	23 42	0 30	10 39	1 23	18 28	1 47	20 46	0 34	15 16	1 17	0 3	0 46	15 50	1 45	21 52	12 20	4 49	5 10	28 25	17 42	3 39
S 18	20 41	9 8	2 29	23 42	0 37	10 10	1 20	18 34	1 47	20 48	0 35	15 18	1 17	0 2	0 46	15 50	1 45	21 51	12 20	4 47	5 9	28 25	17 43	3 39
M19	20 29	2 45	1 23	23 42	0 44	9 41	1 18	18 41	1 48	20 50	0 35	15 19	1 18	0 2	0 46	15 50	1 45	21 50	12 20	4 46	5 8	28 26	17 43	3 40
T 20	20 16	3n32	0 14	23 40	0 50	9 11	1 15	18 47	1 48	20 52	0 35	15 21	1 18	0 2	0 46	15 51	1 45	21 50	12 20	4 45	5 6	28 26	17 44	3 40
W21	20 3	9 29	0n54	23 38	0 57	8 42	1 13	18 54	1 48	20 54	0 35	15 22	1 18	0 1	0 46	15 51	1 45	21 49	12 20	4 45	5 5	28 26	17 44	3 41
T 22	19 50	14 54	1 57	23 33	1 3	8 12	1 10	19 0	1 48	20 55	0 35	15 24	1 18	0 1	0 46	15 51	1 45	21 48	12 20	4 46	5 4	28 27	17 45	3 41
F 23	19 36	19 37	2 53	23 28	1 9	7 42	1 7	19 7	1 49	20 57	0 35	15 25	1 18	0 1	0 46	15 51	1 45	21 48	12 20	4 45	5 3	28 27	17 45	3 42
S 24	19 22	23 29	3 41	23 21	1 15	7 11	1 4	19 14	1 49	20 59	0 35	15 27	1 18	0 0	0 46	15 51	1 45	21 47	12 19	4 44	5 1	28 27	17 46	3 42
S 25	19 8	26 19	4 19	23 13	1 20	6 41	1 1	19 20	1 49	21 1	0 35	15 29	1 19	0n 0	0 46	15 52	1 45	21 46	12 19	4 42	5 0	28 27	17 46	3 43
M26	18 53	28 0	4 45	23 4	1 25	6 11	0 58	19 27	1 49	21 3	0 36	15 30	1 19	0 1	0 46	15 52	1 46	21 46	12 19	4 38	4 59	28 28	17 46	3 43
T 27	18 38	28 24	5 0	22 53	1 30	5 40	0 55	19 34	1 50	21 4	0 36	15 32	1 19	0 1	0 46	15 52	1 46	21 45	12 19	4 34	4 58	28 28	17 47	3 44
W28	18 22	27 28	5 1	22 40	1 35	5 9	0 51	19 40	1 50	21 6	0 36	15 33	1 19	0 2	0 46	15 52	1 46	21 45	12 19	4 29	4 56	28 28	17 47	3 44
T 29	18 7	25 15	4 49	22 27	1 39	4 38	0 48	19 47	1 50	21 8	0 36	15 35	1 19	0 2	0 46	15 52	1 46	21 44	12 19	4 24	4 55	28 28	17 47	3 45
F 30	17 51	21 53	4 24	22 12	1 43	4 7	0 45	19 54	1 50	21 9	0 36	15 37	1 19	0 3	0 46	15 52	1 46	21 43	12 19	4 20	4 54	28 29	17 47	3 45
S 31	17s34	17n31	3n46	21s55	1s47	3s36	0s41	20n 1	1n50	21n11	0n36	15n38	1n19	0n 3	0n46	15s53	1n46	21s43	12s19	4n16	4n53	28n29	17s48	3n46

ASTRODIENST EPHEMERIS for the year 1801
geocentric

FEBRUARY 1801

00:00 UT

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

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	17s17	12n22	2n57	21s37	1s50	3s 5	0s38	20n 7	1n50	21n13	0n36	15n40	1n19	0n 4	0n46	S 1
M 2	17 0	6 39	1 58	21 18	1 53	2 34	0 34	20 14	1 50	21 14	0 36	15 42	1 20	0 4	0 46	M 2
T 3	16 43	0 34	0 53	20 57	1 56	2 2	0 30	20 21	1 50	21 16	0 36	15 43	1 20	0 5	0 46	T 3
W 4	16 25	5s37	0s17	20 35	1 59	1 31	0 26	20 28	1 50	21 17	0 36	15 45	1 20	0 6	0 46	W 4
T 5	16 7	11 42	1 27	20 11	2 1	1 0	0 22	20 34	1 50	21 19	0 37	15 47	1 20	0 6	0 46	T 5
F 6	15 49	17 22	2 33	19 46	2 2	0 28	0 18	20 41	1 51	21 20	0 37	15 48	1 20	0 7	0 46	F 6
S 7	15 31	22 16	3 32	19 19	2 4	0n 3	0 14	20 48	1 51	21 22	0 37	15 50	1 20	0 8	0 46	S 7
S 8	15 12	26 0	4 20	18 51	2 5	0 35	0 10	20 54	1 51	21 23	0 37	15 52	1 20	0 8	0 46	S 8
M 9	14 53	28 8	4 52	18 21	2 5	1 6	0 6	21 1	1 51	21 25	0 37	15 53	1 20	0 9	0 46	M 9
T 10	14 34	28 21	5 6	17 50	2 5	1 37	0 2	21 7	1 51	21 26	0 37	15 55	1 20	0 10	0 46	T 10
W 11	14 14	26 33	5 0	17 17	2 5	2 9	0n 2	21 14	1 51	21 27	0 37	15 57	1 20	0 10	0 46	W 11
T 12	13 55	22 55	4 34	16 43	2 4	2 40	0 7	21 21	1 51	21 29	0 37	15 58	1 21	0 11	0 46	T 12
F 13	13 35	17 52	3 49	16 8	2 3	3 11	0 11	21 27	1 51	21 30	0 37	16 0	1 21	0 12	0 47	F 13
S 14	13 15	11 51	2 51	15 31	2 1	3 42	0 16	21 33	1 51	21 31	0 37	16 2	1 21	0 13	0 47	S 14
S 15	12 54	5 23	1 43	14 52	1 59	4 13	0 20	21 40	1 51	21 32	0 37	16 3	1 21	0 13	0 47	S 15
M 16	12 34	1n 9	0 31	14 12	1 56	4 44	0 25	21 46	1 50	21 34	0 37	16 5	1 21	0 14	0 47	M 16
T 17	12 13	7 27	0n41	13 31	1 53	5 15	0 30	21 52	1 50	21 35	0 37	16 6	1 21	0 15	0 47	T 17
W 18	11 52	13 14	1 48	12 48	1 49	5 46	0 34	21 59	1 50	21 36	0 37	16 8	1 21	0 16	0 47	W 18
T 19	11 31	18 20	2 49	12 4	1 45	6 17	0 39	22 5	1 50	21 37	0 37	16 10	1 21	0 17	0 47	T 19
F 20	11 9	22 34	3 40	11 18	1 40	6 47	0 44	22 11	1 50	21 38	0 38	16 11	1 21	0 18	0 47	F 20
S 21	10 48	25 46	4 21	10 31	1 35	7 17	0 49	22 17	1 50	21 39	0 38	16 13	1 21	0 19	0 47	S 21
S 22	10 26	27 49	4 50	9 43	1 29	7 47	0 53	22 23	1 50	21 40	0 38	16 14	1 21	0 19	0 47	S 22
M 23	10 4	28 35	5 7	8 54	1 22	8 17	0 58	22 29	1 50	21 41	0 38	16 16	1 21	0 20	0 47	M 23
T 24	9 42	28 2	5 10	8 4	1 15	8 47	1 3	22 35	1 50	21 42	0 38	16 17	1 21	0 21	0 47	T 24
W 25	9 20	26 10	5 0	7 13	1 7	9 17	1 8	22 40	1 50	21 43	0 38	16 19	1 21	0 22	0 47	W 25
T 26	8 58	23 6	4 37	6 21	0 58	9 46	1 13	22 46	1 50	21 44	0 38	16 20	1 21	0 23	0 47	T 26
F 27	8 35	18 57	4 0	5 28	0 49	10 15	1 18	22 52	1 50	21 44	0 38	16 22	1 22	0 24	0 47	F 27
S 28	8s13	13n56	3n11	4s35	0s39	10n44	1n24	22n57	1n49	21n45	0n38	16n23	1n22	0n25	0n47	S 28

Julian Day Number = 2378892.5, Delta T = 18.11 sec
Ecliptic obliquity = 23°28'03", Nutation = - 0°00'02", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°57'47", Lahiri = 21°04'47"

ASTRODIENST EPHEMERIS for the year 1801

geocentric

MARCH 1801

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	10 33 16	9 ^h 58'35"	14 ^m 15	21 ^s 50	25 ^s 25	5 ^h 11'32"	25°R 3	19°R 6	0°R43	19°R23	4 ^h 10	9°R14	10 ^h 48	2 ^h 39	8 ^h 41	S 1
M 2	10 37 12	10°58'42"	27°12	23°40	26°30	6° 3	24 ^h 59	19 ^h 1	0 ^h 41	19 ^h 23	4°12	9°Y12	10°44	2°46	8°43	M 2
T 3	10 41 9	11°58'47"	10 ^h 22	25°29	27°34	6°34	24°56	18°57	0°38	19°23	4°14	9°D11	10°41	2°53	8°45	T 3
W 4	10 45 5	12°58'50"	23°44	27°15	28°38	7° 5	24°53	18°53	0°36	19°22	4°15	9°12	10°38	2°59	8°47	W 4
T 5	10 49 2	13°58'51"	7 ^m 17	28°59	29°42	7°36	24°49	18°49	0°33	19°22	4°17	9°13	10°35	3° 6	8°48	T 5
F 6	10 52 58	14°58'51"	21° 2	0 ^h Y40	0 ^h 46	8° 7	24°46	18°44	0°31	19°22	4°19	9°15	10°32	3°13	8°50	F 6
S 7	10 56 55	15°58'49"	4 ^h 58	2°18	1°49	8°39	24°43	18°40	0°28	19°21	4°20	9°16	10°29	3°20	8°52	S 7
S 8	11 0 51	16°58'45"	19° 3	3°51	2°52	9°10	24°41	18°36	0°26	19°21	4°22	9°R16	10°25	3°26	8°53	S 8
M 9	11 4 48	17°58'41"	3 ^h 18	5°19	3°55	9°42	24°38	18°32	0°23	19°20	4°24	9°16	10°22	3°33	8°54	M 9
T 10	11 8 45	18°58'34"	17°38	6°42	4°57	10°14	24°36	18°29	0°21	19°19	4°25	9°14	10°19	3°40	8°55	T 10
W11	11 12 41	19°58'26"	2 ^h 1	8° 0	5°59	10°46	24°34	18°25	0°18	19°19	4°27	9°12	10°16	3°47	8°56	W11
T 12	11 16 38	20°58'16"	16°22	9°11	7° 0	11°18	24°32	18°21	0°16	19°18	4°28	9° 9	10°13	3°53	8°57	T 12
F 13	11 20 34	21°58'04"	0 ^h 36	10°16	8° 2	11°50	24°31	18°17	0°13	19°17	4°30	9° 7	10° 9	4° 0	8°58	F 13
S 14	11 24 31	22°57'50"	14°40	11°14	9° 2	12°22	24°29	18°14	0°11	19°17	4°32	9° 5	10° 6	4° 7	8°59	S 14
S 15	11 28 27	23°57'34"	28°27	12° 4	10° 3	12°54	24°28	18°10	0° 8	19°16	4°33	9° 4	10° 3	4°13	9° 0	S 15
M16	11 32 24	24°57'16"	11 ^h 56	12°47	11° 3	13°27	24°27	18° 7	0° 5	19°15	4°35	9°D 4	10° 0	4°20	9° 0	M16
T 17	11 36 20	25°56'56"	25° 6	13°22	12° 2	13°59	24°26	18° 4	0° 3	19°14	4°36	9° 4	9°57	4°27	9° 1	T 17
W18	11 40 17	26°56'34"	7 ^h 55	13°48	13° 1	14°32	24°25	18° 0	0° 0	19°14	4°38	9° 5	9°54	4°34	9° 1	W18
T 19	11 44 13	27°56'09"	20°26	14° 7	14° 0	15° 4	24°24	17°57	29 ^h 58	19°13	4°39	9° 6	9°50	4°40	9° 1	T 19
F 20	11 48 10	28°55'43"	2 ^h 11	14°18	14°58	15°37	24°24	17°54	29°55	19°12	4°41	9° 7	9°47	4°47	9° 1	F 20
S 21	11 52 7	29°55'14"	14°44	14°R20	15°56	16°10	24°D24	17°51	29°52	19°11	4°42	9° 8	9°44	4°54	9°R 1	S 21
S 22	11 56 3	0 ^h Y44'3	26°40	14°15	16°53	16°43	24°24	17°48	29°50	19°10	4°44	9°R 8	9°41	5° 0	9° 1	S 22
M23	12 0 0	1°54'10"	8 ^h 33	14° 3	17°49	17°16	24°24	17°45	29°47	19° 9	4°46	9° 8	9°38	5° 7	9° 1	M23
T 24	12 3 56	2°53'34"	20°27	13°43	18°46	17°49	24°25	17°43	29°45	19° 8	4°47	9° 8	9°34	5°14	9° 1	T 24
W25	12 7 53	3°52'56"	2 ^h 28	13°17	19°41	18°22	24°25	17°40	29°42	19° 7	4°49	9° 7	9°31	5°21	9° 1	W25
T 26	12 11 49	4°52'16"	14°39	12°44	20°36	18°55	24°26	17°38	29°39	19° 6	4°50	9° 7	9°28	5°27	9° 0	T 26
F 27	12 15 46	5°51'33"	27° 4	12° 7	21°30	19°29	24°27	17°35	29°37	19° 5	4°51	9° 6	9°25	5°34	9° 0	F 27
S 28	12 19 42	6°50'48"	9 ^h 45	11°25	22°24	20° 2	24°28	17°33	29°34	19° 4	4°53	9° 6	9°22	5°41	8°59	S 28
S 29	12 23 39	7°50'01"	22°44	10°40	23°17	20°35	24°30	17°31	29°32	19° 3	4°54	9° 6	9°19	5°48	8°58	S 29
M30	12 27 36	8°49'12"	6 ^h 1	9°53	24° 9	21° 9	24°31	17°28	29°29	19° 2	4°56	9° 6	9°15	5°54	8°57	M30
T 31	12 31 32	9 ^h Y48'21	19 ^h 35	9 ^h Y 4	25 ^h 8 1	21 ^h 11'42"	24 ^h 33	17 ^h 26	29 ^h 27	19 ^h 1	4 ^h 57	9 ^h Y 6	9 ^h Y12	6 ^h 1	8 ^h 56	T 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
S 1	7s50	8n14	2n12	3s41	0s29	11n13	1n29	23n 3	1n49	21n46	0n38	16n24	1n22	0n26	0n47	15s52
M 2	7 27	2 7	1 5	2 48	0 18	11 41	1 34	23 8	1 49	21 47	0 38	16 26	1 22	0 27	0 47	15 52
T 3	7 5	4s12	0s 6	1 54	0 6	12 10	1 39	23 13	1 49	21 47	0 38	16 27	1 22	0 28	0 47	15 52
W 4	6 42	10 27	1 19	1 0	0n 6	12 37	1 44	23 18	1 49	21 48	0 38	16 29	1 22	0 29	0 47	15 52
T 5	6 19	16 18	2 28	0 8	0 18	13 5	1 49	23 23	1 49	21 49	0 38	16 30	1 22	0 30	0 47	15 52
F 6	5 55	21 25	3 30	0n44	0 31	13 32	1 54	23 28	1 49	21 49	0 38	16 31	1 22	0 31	0 47	15 52
S 7	5 32	25 25	4 20	1 35	0 44	13 59	2 0	23 33	1 48	21 50	0 38	16 32	1 22	0 32	0 47	15 51
S 8	5 9	27 55	4 55	2 24	0 57	14 26	2 5	23 38	1 48	21 50	0 38	16 34	1 22	0 33	0 47	15 51
M 9	4 45	28 38	5 13	3 12	1 10	14 53	2 10	23 43	1 48	21 51	0 38	16 35	1 22	0 34	0 47	15 51
T 10	4 22	27 27	5 11	3 57	1 24	15 19	2 15	23 47	1 48	21 51	0 38	16 36	1 22	0 35	0 47	15 51
W11	3 59	24 27	4 50	4 40	1 37	15 44	2 21	23 52	1 48	21 51	0 38	16 37	1 22	0 36	0 47	15 51
T 12	3 35	19 56	4 11	5 20	1 50	16 10	2 26	23 56	1 48	21 52	0 38	16 39	1 22	0 37	0 47	15 50
F 13	3 11	14 20	3 16	5 57	2 3	16 35	2 31	24 0	1 47	21 52	0 38	16 40	1 22	0 38	0 47	15 50
S 14	2 48	8 3	2 11	6 32	2 16	17 0	2 36	24 5	1 47	21 52	0 38	16 41	1 22	0 39	0 47	15 50
S 15	2 24	1 30	0 58	7 2	2 27	17 24	2 41	24 9	1 47	21 53	0 38	16 42	1 22	0 40	0 47	15 50
M16	2 0	4n58	0n16	7 29	2 39	17 48	2 47	24 12	1 47	21 53	0 38	16 43	1 22	0 41	0 47	15 49
T 17	1 37	11 5	1 27	7 52	2 49	18 11	2 52	24 16	1 47	21 53	0 38	16 44	1 22	0 42	0 47	15 49
W18	1 13	16 34	2 33	8 11	2 58	18 34	2 57	24 20	1 46	21 53	0 38	16 45	1 22	0 43	0 47	15 49
T 19	0 49	21 14	3 29	8 26	3 6	18 57	3 2	24 23	1 46	21 53	0 38	16 46	1 22	0 44	0 47	15 49
F 20	0 26	24 53	4 15	8 37	3 13	19 20	3 7	24 27	1 46	21 53	0 38	16 47	1 22	0 45	0 47	15 48
S 21	0 2	27 22	4 48	8 43	3 19	19 41	3 12	24 30	1 46	21 53	0 38	16 48	1 22	0 46	0 47	15 48
S 22	0n22	28 35	5 9	8 45	3 23	20 3	3 17	24 33	1 46	21 53	0 38	16 49	1 22	0 47	0 47	15 48
M23	0 45	28 27	5 17	8 42	3 26	20 24	3 22	24 36	1 45	21 53	0 38	16 49	1 22	0 48	0 47	15 47
T 24	1 9	27 1	5 10	8 36	3 27	20 44	3 27	24 39	1 45	21 53	0 38	16 50	1 22	0 49	0 47	15 47
W25	1 33	24 21	4 51	8 25	3 26	21 5	3 32	24 42	1 45	21 53	0 38	16 51	1 22	0 50	0 47	15 47
T 26	1 56	20 34	4 18	8 10	3 24	21 24	3 37	24 45	1 45	21 53	0 38	16 52	1 22	0 51	0 47	15 46
F 27	2 20	15 50	3 32	7 52	3 20	21 43	3 42	24 47	1 44	21 53	0 38	16 53	1 22	0 52	0 47	15 46
S 28	2 43	10 19	2 36	7 30	3 14	22 2	3 46	24 49	1 44	21 52	0 38	16 53	1 22	0 53	0 47	15 46
S 29	3 7	4 15	1 29	7 5	3 6	22 20	3 51	24 52	1 44	21 52	0 38	16 54	1 22	0 54	0 47	15 45
M30	3 30	2s 8	0 17	6 38	2 57	22 38	3 56	24 54	1 44	21 52	0 38	16 55	1 22	0 55	0 47	15 45
T 31	3n53	8s34	0s58	6n 9	2n46	22n55	4n 0	24n56	1n43	21n52	0n38	16n55	1n21	0n56	0n47	15s45

Julian Day Number = 2378920.5, Delta T = 18.07 sec
 Ecliptic obliquity = 23°28'04", Nutation = - 0°00'02", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°57'50", Lahiri = 21°04'51"

ASTRODIENST EPHEMERIS for the year 1801
geocentric

APRIL 1801

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 35 29	10°47'27"	3°11'24"	8°R14	25°8'52"	22°11'16"	24°35'35"	17°R24	29°R24	18°R59	4°H59	9°R 6	9°Y 9	6°S 8	8°R55	W 1
T 2	12 39 25	11°46'32"	17°25'	7°Y26	26°42'	22°50'	24°37'	17°R23	29°R21	18°M58	5° 0	9°Y 5	9° 6	6°14	8°R54	T 2
F 3	12 43 22	12°45'35"	1°47'35"	6°38'	27°31'	23°23'	24°40'	17°21'	29°19'	18°57'	5° 1	9° 5	9° 3	6°21	8°53	F 3
S 4	12 47 18	13°44'36"	15°50'	5°53'	28°20'	23°57'	24°42'	17°19'	29°16'	18°56'	5° 3	9° 5	9° 0	6°28	8°51	S 4
S 5	12 51 15	14°43'36"	0°3' 6	5°11'	29° 8	24°31'	24°45'	17°18'	29°14'	18°55'	5° 4	9° 4	8°56	6°35	8°50	S 5
M 6	12 55 11	15°42'34"	14°21'	4°32'	29°54'	25° 5	24°48'	17°16'	29°11'	18°53'	5° 5	9°D 4	8°53	6°41	8°48	M 6
T 7	12 59 8	16°41'30"	28°31'	3°58'	0°II40	25°39'	24°51'	17°15'	29° 9	18°52'	5° 7	9° 4	8°50	6°48	8°47	T 7
W 8	13 3 5	17°40'24"	12°36'	3°28'	1°26'	26°13'	24°54'	17°14'	29° 7	18°51'	5° 8	9° 5	8°47	6°55	8°45	W 8
T 9	13 7 1	18°39'17"	26°32'	3° 4	2°10'	26°47'	24°57'	17°13'	29° 4	18°49'	5° 9	9° 6	8°44	7° 1	8°43	T 9
F 10	13 10 58	19°38'07"	10°H18	2°44'	2°53'	27°21'	25° 1	17°12'	29° 2	18°48'	5°11'	9° 6	8°40	7° 8	8°41	F 10
S 11	13 14 54	20°36'56"	23°53'	2°30'	3°35'	27°55'	25° 5	17°11'	28°59'	18°47'	5°12'	9° 7	8°37	7°15	8°39	S 11
S 12	13 18 51	21°35'43"	7°Y15	2°20'	4°16'	28°29'	25° 9	17°10'	28°57'	18°45'	5°13'	9°R 8	8°34	7°22	8°37	S 12
M13	13 22 47	22°34'28"	20°23'	2°D17	4°56'	29° 4	25°13'	17° 9	28°55'	18°44'	5°14'	9° 7	8°31	7°28	8°35	M13
T 14	13 26 44	23°33'11"	3°B17	2°18'	5°34'	29°38'	25°17'	17° 9	28°52'	18°42'	5°15'	9° 6	8°28	7°35	8°32	T 14
W15	13 30 40	24°31'52"	15°56'	2°24'	6°12'	0°S12	25°21'	17° 8	28°50'	18°41'	5°17'	9° 5	8°25	7°42	8°30	W15
T 16	13 34 37	25°30'31"	28°21'	2°36'	6°48'	0°47'	25°26'	17° 8	28°48'	18°39'	5°18'	9° 2	8°21	7°49	8°28	T 16
F 17	13 38 34	26°29'08"	10°II34	2°52'	7°23'	1°21'	25°31'	17° 7	28°46'	18°38'	5°19'	9° 0	8°18	7°55	8°25	F 17
S 18	13 42 30	27°27'43"	22°37'	3°13'	7°57'	1°56'	25°36'	17° 7	28°44'	18°36'	5°20'	8°57	8°15	8° 2	8°23	S 18
S 19	13 46 27	28°26'16"	4°S33	3°39'	8°29'	2°31'	25°41'	17°D 7	28°41'	18°35'	5°21'	8°55	8°12	8° 9	8°20	S 19
M20	13 50 23	29°24'47"	16°26'	4° 9	9° 0	3° 5	25°46'	17° 7	28°39'	18°33'	5°22'	8°53	8° 9	8°15	8°17	M20
T 21	13 54 20	0°B23'16"	28°20'	4°43'	9°29'	3°40'	25°51'	17° 7	28°37'	18°32'	5°23'	8°D52	8° 6	8°22	8°14	T 21
W22	13 58 16	1°21'42"	10°D20	5°20'	9°57'	4°15'	25°57'	17° 8	28°35'	18°30'	5°24'	8°53	8° 2	8°29	8°11	W22
T 23	14 2 13	2°20'06"	22°30'	6° 2	10°23'	4°49'	26° 3	17° 8	28°33'	18°29'	5°25'	8°54	7°59	8°36	8° 8	T 23
F 24	14 6 9	3°18'28"	4°M55	6°47'	10°47'	5°24'	26° 8	17° 9	28°31'	18°27'	5°26'	8°55	7°56	8°42	8° 5	F 24
S 25	14 10 6	4°16'48"	17°40'	7°36'	11° 9	5°59'	26°14'	17° 9	28°29'	18°26'	5°27'	8°57	7°53	8°49	8° 2	S 25
S 26	14 14 3	5°15'06"	0°A46	8°28'	11°30'	6°34'	26°21'	17°10'	28°27'	18°24'	5°28'	8°58	7°50	8°56	7°59	S 26
M27	14 17 59	6°13'22"	14°15'	9°23'	11°49'	7° 9	26°27'	17°11'	28°25'	18°23'	5°29'	8°R58	7°46	9° 3	7°56	M27
T 28	14 21 56	7°11'36"	28° 8	10°22'	12° 6	7°44'	26°33'	17°12'	28°23'	18°21'	5°30'	8°57	7°43	9° 9	7°52	T 28
W29	14 25 52	8° 9'48"	12°M21	11°23'	12°21'	8°19'	26°40'	17°13'	28°22'	18°19'	5°31'	8°54	7°40	9°16	7°49	W29
T 30	14 29 49	9°B 7'58"	26°M50	12°Y27	12°II33	8°S54	26°S47	17°D14	28°M20	18°M18	5°H32	8°Y51	7°Y37	9°S23	7°A45	T 30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4n17	14s43	2s11	5n38	2n34	23n12	4n 4	24n58	1n43	21n51	0n38	16n56	1n21	0n57	0n47	15s44	1n49	21s11	12s23	3n37	3n38	28n27	17s28	4n23	
T 2	4 40	20 12	3 17	5 7	2 21	23 28	4 9	24 59	1 43	21 51	0 38	16 56	1 21	0 58	0 47	15 44	1 49	21 10	12 23	3 36	3 37	28 27	17 28	4 24	
F 3	5 3	24 36	4 11	4 35	2 7	23 44	4 13	25 1	1 43	21 50	0 38	16 57	1 21	0 59	0 47	15 44	1 49	21 10	12 23	3 36	3 35	28 27	17 27	4 25	
S 4	5 26	27 32	4 51	4 3	1 52	23 59	4 17	25 2	1 42	21 50	0 38	16 57	1 21	1 0	0 47	15 43	1 49	21 10	12 24	3 36	3 34	28 27	17 26	4 25	
S 5	5 49	28 41	5 13	3 32	1 36	24 14	4 21	25 3	1 42	21 49	0 38	16 58	1 21	1 1	0 47	15 43	1 49	21 9	12 24	3 36	3 33	28 26	17 25	4 26	
M 6	6 11	27 55	5 15	3 2	1 20	24 28	4 25	25 4	1 42	21 49	0 38	16 58	1 21	1 2	0 47	15 43	1 49	21 9	12 24	3 36	3 32	28 26	17 24	4 27	
T 7	6 34	25 21	4 59	2 33	1 4	24 42	4 29	25 5	1 42	21 48	0 38	16 58	1 21	1 3	0 47	15 42	1 49	21 9	12 24	3 36	3 30	28 26	17 23	4 27	
W 8	6 57	21 16	4 24	2 7	0 48	24 55	4 33	25 6	1 41	21 48	0 38	16 59	1 21	1 4	0 47	15 42	1 49	21 8	12 25	3 36	3 29	28 25	17 23	4 28	
T 9	7 19	16 3	3 34	1 42	0 31	25 8	4 36	25 7	1 41	21 47	0 38	16 59	1 21	1 5	0 47	15 41	1 49	21 8	12 25	3 36	3 28	28 25	17 22	4 28	
F 10	7 41	10 4	2 33	1 19	0 15	25 20	4 40	25 7	1 41	21 46	0 38	16 59	1 21	1 6	0 47	15 41	1 49	21 8	12 25	3 37	3 27	28 25	17 21	4 29	
S 11	8 4	3 43	1 23	0 59	0s 0	25 31	4 43	25 8	1 41	21 46	0 38	16 59	1 21	1 7	0 47	15 41	1 49	21 8	12 25	3 37	3 25	28 24	17 20	4 30	
S 12	8 26	2n43	0 10	0 41	0 16	25 42	4 46	25 8	1 40	21 45	0 38	17 0	1 21	1 8	0 47	15 40	1 49	21 8	12 26	3 37	3 24	28 24	17 19	4 30	
M13	8 48	8 56	1n 2	0 26	0 31	25 53	4 49	25 8	1 40	21 44	0 38	17 0	1 21	1 9	0 47	15 40	1 49	21 7	12 26	3 37	3 23	28 24	17 18	4 31	
T 14	9 9	14 39	2 10	0 14	0 45	26 3	4 52	25 8	1 40	21 43	0 38	17 0	1 21	1 10	0 47	15 39	1 49	21 7	12 26	3 37	3 22	28 23	17 17	4 31	
W15	9 31	19 39	3 9	0 4	0 58	26 12	4 55	25 8	1 40	21 43	0 38	17 0	1 21	1 11	0 47	15 39	1 49	21 7	12 26	3 36	3 20	28 23	17 16	4 32	
T 16	9 53	23 42	3 59	0s 3	1 11	26 21	4 57	25 7	1 39	21 42	0 38	17 0	1 21	1 11	0 47	15 38	1 50	21 7	12 27	3 35	3 19	28 22	17 15	4 33	
F 17	10 14	26 38	4 37	0 8	1 23	26 29	4 59	25 7	1 39	21 41	0 38	17 0	1 21	1 12	0 47	15 38	1 50	21 7	12 27	3 34	3 18	28 22	17 14	4 33	
S 18	10 35	28 17	5 2	0 10	1 35	26 37	5 1	25 6	1 39	21 40	0 38	17 0	1 21	1 13	0 47	15 38	1 50	21 6	12 27	3 33	3 17	28 22	17 13	4 34	
S 19	10 56	28 37	5 14	0 10	1 45	26 44	5 3	25 5	1 38	21 39	0 38	17 0	1 21	1 14	0 47	15 37	1 50	21 6	12 27	3 32	3 15	28 21	17 12	4 34	
M20	11 17	27 37	5 12	0 7	1 55	26 51	5 5	25 4	1 38	21 38	0 38	17 0	1 20	1 15	0 47	15 37	1 50	21 6	12 28	3 32	3 14	28 21	17 11	4 35	
T 21	11 37	25 22	4 57	0 2	2 5	26 57	5 6	25 3	1 38	21 37	0 38	17 0	1 20	1 16	0 46	15 36	1 50	21 6	12 28	3 31	3 13	28 20	17 10	4 35	
W22	11 58	21 59	4 29	0n 5	2 13	27 2	5 7	25 2	1 38	21 36	0 38	17 0	1 20	1 16	0 46	15 36	1 50	21 6	12 28	3 31	3 12	28 20	17 9	4 36	
T 23	12 18	17 37	3 48	0 15	2 21	27 7	5 8	25 0	1 37	21 35	0 38	17 0	1 20	1 17	0 46	15 35	1 50	21 6	12 29	3 32	3 10	28 19	17 9	4 36	
F 24	12 38	12 27	2 56	0 26	2 28	27 11	5 9	24 58	1 37	21 34	0 38	16 59	1 20	1 18	0 46	15 35	1 50	21 6	12 29	3 32	3 9	28 19	17 8	4 37	
S 25	12 58	6 38	1 54	0 40	2 34	27 14	5 9	24 57	1 37	21 33	0 38	16 59	1 20	1 19	0 46	15 35	1 50	21 5	12 29	3 33	3 8	28 18	17 7	4 37	
S 26	13 17	0 23	0 45	0 55	2 40	27 17	5 9	24 55	1 36	21 31	0 38	16 59	1 20	1 19	0 46	15 34	1 50	21 5	12 30	3 34	3 7	28 18	17 6	4 38	
M27	13 37	6s 4	0s29	1 12	2 45	27 20	5 9	24 52	1 36	21 30	0 38	16 59	1 20	1 20	0 46	15 34	1 50	21 5	12 30	3 34	3 5	28 17	17 5	4 38	
T 28	13 56	12 26	1 43	1 31	2 49	27 21	5 8	24 50	1 36	21 29	0 38	16 58	1 20	1 21	0 46	15 33	1 50	21 5	12 30	3 33	3 4	28 17	17 3	4 39	
W29	14 15	18 18	2 52	1 52	2 52	27 22	5 7	24 48	1 36	21 28	0 38	16 58	1 20	1 22	0 46	15 33	1 50	21 5	12 30	3 32	3 3	28 16	17 2	4 39	
T 30	14n33	23s14	3s52	2n14	2s55	27n23	5n 6	24n45	1n35	21n26	0n37	16n57	1n20	1n22	0n46	15s32	1n50	21s 5	12s31	3n31	3n 2	28n16	17s 1	4n40	

ASTRODIENST EPHEMERIS for the year 1801
geocentric

MAY 1801

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	14 33 45	10♈ 6'07	11♊29	13♈34	12♈44	9♈29	26♈53	17♈15	28♈18	18♈16	5♈33	8♈46	7♈34	9♈29	7♈42	F 1
S 2	14 37 42	11° 4'15	26°10	14°43	12°53	10° 4	27° 0	17°16	28♈16	18♈15	5°34	8°42	7°31	9°36	7♈38	S 2
S 3	14 41 38	12° 2'21	10♈46	15°55	12°59	10°39	27° 8	17°18	28°15	18°13	5°35	8°38	7°27	9°43	7°35	S 3
M 4	14 45 35	13° 0'25	25°13	17°10	13° 3	11°14	27°15	17°19	28°13	18°11	5°35	8°35	7°24	9°50	7°31	M 4
T 5	14 49 32	13°58'29	9♈27	18°26	13°R 4	11°49	27°22	17°21	28°12	18°10	5°36	8°D34	7°21	9°56	7°27	T 5
W 6	14 53 28	14°56'30	23°25	19°46	13° 4	12°24	27°30	17°23	28°10	18° 8	5°37	8°34	7°18	10° 3	7°23	W 6
T 7	14 57 25	15°54'31	7♈ 6	21° 7	13° 1	13° 0	27°37	17°25	28° 9	18° 7	5°38	8°35	7°15	10°10	7°20	T 7
F 8	15 1 21	16°52'30	20°32	22°31	12°55	13°35	27°45	17°27	28° 7	18° 5	5°38	8°37	7°12	10°16	7°16	F 8
S 9	15 5 18	17°50'27	3♈44	23°57	12°47	14°10	27°53	17°29	28° 6	18° 3	5°39	8°R38	7° 8	10°23	7°12	S 9
S 10	15 9 14	18°48'24	16°43	25°25	12°37	14°46	28° 1	17°31	28° 4	18° 2	5°40	8°38	7° 5	10°30	7° 8	S 10
M 11	15 13 11	19°46'19	29°29	26°55	12°24	15°21	28° 9	17°33	28° 3	18° 0	5°40	8°36	7° 2	10°37	7° 4	M 11
T 12	15 17 7	20°44'12	12♈ 5	28°28	12° 9	15°57	28°18	17°35	28° 2	17°58	5°41	8°32	6°59	10°43	7° 0	T 12
W 13	15 21 4	21°42'04	24°30	0♈ 3	11°52	16°32	28°26	17°38	28° 1	17°57	5°42	8°26	6°56	10°50	6°56	W 13
T 14	15 25 1	22°39'55	6♈45	1°39	11°32	17° 8	28°35	17°40	27°59	17°55	5°42	8°18	6°52	10°57	6°52	T 14
F 15	15 28 57	23°37'44	18°51	3°18	11°10	17°43	28°43	17°43	27°58	17°54	5°43	8°10	6°49	11° 4	6°47	F 15
S 16	15 32 54	24°35'32	0♈50	4°59	10°46	18°19	28°52	17°46	27°57	17°52	5°43	8° 1	6°46	11°10	6°43	S 16
S 17	15 36 50	25°33'18	12°44	6°42	10°19	18°54	29° 1	17°49	27°56	17°50	5°44	7°54	6°43	11°17	6°39	S 17
M 18	15 40 47	26°31'03	24°36	8°28	9°51	19°30	29°10	17°52	27°55	17°49	5°44	7°47	6°40	11°24	6°35	M 18
T 19	15 44 43	27°28'46	6♈28	10°15	9°21	20° 6	29°19	17°55	27°54	17°47	5°45	7°43	6°37	11°30	6°31	T 19
W 20	15 48 40	28°26'27	18°26	12° 5	8°49	20°41	29°28	17°58	27°53	17°45	5°45	7°41	6°33	11°37	6°26	W 20
T 21	15 52 36	29°24'07	0♈34	13°56	8°16	21°17	29°37	18° 1	27°53	17°44	5°46	7°D40	6°30	11°44	6°22	T 21
F 22	15 56 33	0♈21'45	12°56	15°50	7°41	21°53	29°47	18° 4	27°52	17°42	5°46	7°41	6°27	11°51	6°18	F 22
S 23	16 0 30	1°19'22	25°38	17°46	7° 6	22°28	29°56	18° 8	27°51	17°41	5°46	7°42	6°24	11°57	6°13	S 23
S 24	16 4 26	2°16'57	8♈44	19°43	6°29	23° 4	0♈ 6	18°11	27°50	17°39	5°47	7°R42	6°21	12° 4	6° 9	S 24
M 25	16 8 23	3°14'31	22°17	21°43	5°52	23°40	0°16	18°15	27°50	17°38	5°47	7°41	6°17	12°11	6° 5	M 25
T 26	16 12 19	4°12'04	6♈18	23°45	5°14	24°16	0°25	18°19	27°49	17°36	5°47	7°38	6°14	12°18	6° 1	T 26
W 27	16 16 16	5° 9'35	20°44	25°48	4°36	24°52	0°35	18°22	27°49	17°35	5°47	7°33	6°11	12°24	5°56	W 27
T 28	16 20 12	6° 7'05	5♈32	27°54	3°59	25°28	0°45	18°26	27°48	17°33	5°48	7°26	6° 8	12°31	5°52	T 28
F 29	16 24 9	7° 4'34	20°34	0♈ 0	3°21	26° 4	0°55	18°30	27°48	17°31	5°48	7°17	6° 5	12°38	5°48	F 29
S 30	16 28 5	8° 2'02	5♈39	2° 9	2°45	26°40	1° 6	18°34	27°47	17°30	5°48	7° 8	6° 2	12°44	5°43	S 30
S 31	16 32 2	8♈59'30	20♈39	4♈18	2♈ 9	27♈15	1♈16	18♈38	27♈47	17♈28	5♈48	7♈ 0	5♈58	12♈51	5♈39	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	14n52	26s46	4s37	2n38	2s57	27n22	5n 4	24n42	1n35	21n25	0n37	16n57	1n20	1n23	0n46	15s32	1n50	21s 5	12s31	3n29	3n 0	28n15	17s 0	4n40	
S 2	15 10	28 29	5 4	3 4	2 59	27 21	5 2	24 39	1 35	21 24	0 37	16 57	1 20	1 24	0 46	15 31	1 50	21 5	12 31	3 27	2 59	28 15	16 59	4 41	
S 3	15 28	28 12	5 11	3 30	3 0	27 20	4 59	24 36	1 34	21 22	0 37	16 56	1 20	1 24	0 46	15 31	1 50	21 5	12 32	3 26	2 58	28 14	16 58	4 41	
M 4	15 46	26 0	4 59	3 59	3 0	27 17	4 56	24 33	1 34	21 21	0 37	16 56	1 20	1 25	0 46	15 31	1 50	21 5	12 32	3 25	2 56	28 14	16 57	4 42	
T 5	16 3	22 12	4 28	4 28	2 59	27 14	4 53	24 30	1 34	21 19	0 37	16 55	1 20	1 25	0 46	15 30	1 50	21 5	12 32	3 24	2 55	28 13	16 56	4 42	
W 6	16 20	17 13	3 41	4 59	2 58	27 10	4 49	24 26	1 33	21 18	0 37	16 54	1 20	1 26	0 46	15 30	1 50	21 5	12 33	3 24	2 54	28 13	16 55	4 43	
T 7	16 37	11 26	2 43	5 31	2 57	27 5	4 44	24 23	1 33	21 16	0 37	16 54	1 19	1 27	0 46	15 29	1 50	21 5	12 33	3 25	2 53	28 12	16 54	4 43	
F 8	16 54	5 14	1 37	6 4	2 55	26 59	4 39	24 19	1 33	21 15	0 37	16 53	1 19	1 27	0 46	15 29	1 50	21 5	12 33	3 25	2 51	28 11	16 53	4 43	
S 9	17 10	1n 5	0 27	6 38	2 52	26 53	4 34	24 15	1 32	21 13	0 37	16 52	1 19	1 28	0 46	15 28	1 50	21 5	12 34	3 26	2 50	28 11	16 52	4 44	
S 10	17 26	7 15	0n44	7 14	2 48	26 45	4 28	24 10	1 32	21 12	0 37	16 52	1 19	1 28	0 46	15 28	1 50	21 5	12 34	3 26	2 49	28 10	16 51	4 44	
M 11	17 42	13 2	1 51	7 50	2 45	26 37	4 21	24 6	1 32	21 10	0 37	16 51	1 19	1 29	0 46	15 27	1 50	21 5	12 34	3 25	2 48	28 10	16 50	4 45	
T 12	17 58	18 11	2 51	8 27	2 40	26 28	4 14	24 2	1 31	21 8	0 37	16 50	1 19	1 29	0 46	15 27	1 50	21 5	12 35	3 23	2 46	28 9	16 49	4 45	
W 13	18 13	22 30	3 42	9 5	2 35	26 18	4 6	23 57	1 31	21 7	0 37	16 49	1 19	1 30	0 46	15 26	1 50	21 5	12 35	3 21	2 45	28 8	16 48	4 45	
T 14	18 28	25 46	4 22	9 43	2 29	26 7	3 58	23 52	1 31	21 5	0 37	16 48	1 19	1 30	0 46	15 26	1 50	21 5	12 35	3 18	2 44	28 8	16 47	4 46	
F 15	18 42	27 49	4 50	10 23	2 23	25 55	3 49	23 47	1 31	21 3	0 37	16 48	1 19	1 30	0 46	15 26	1 50	21 6	12 36	3 15	2 43	28 7	16 46	4 46	
S 16	18 56	28 33	5 5	11 3	2 17	25 42	3 40	23 42	1 30	21 1	0 37	16 47	1 19	1 31	0 46	15 25	1 50	21 6	12 36	3 11	2 41	28 7	16 45	4 46	
S 17	19 10	27 56	5 6	11 44	2 10	25 29	3 30	23 37	1 30	20 59	0 37	16 46	1 19	1 31	0 46	15 25	1 50	21 6	12 36	3 8	2 40	28 6	16 44	4 47	
M 18	19 24	26 3	4 54	12 25	2 2	25 14	3 19	23 32	1 30	20 58	0 37	16 45	1 19	1 32	0 46	15 24	1 50	21 6	12 37	3 6	2 39	28 5	16 43	4 47	
T 19	19 37	23 1	4 30	13 6	1 54	24 59	3 8	23 26	1 29	20 56	0 37	16 44	1 19	1 32	0 46	15 24	1 50	21 6	12 37	3 4	2 38	28 5	16 42	4 47	
W 20	19 50	19 1	3 53	13 48	1 46	24 42	2 56	23 20	1 29	20 54	0 37	16 43	1 19	1 32	0 46	15 23	1 50	21 6	12 37	3 3	2 36	28 4	16 41	4 48	
T 21	20 3	14 11	3 6	14 30	1 37	24 25	2 44	23 14	1 29	20 52	0 37	16 42	1 19	1 32	0 45	15 23	1 50	21 6	12 38	3 3	2 35	28 3	16 40	4 48	
F 22	20 15	8 42	2 9	15 12	1 28	24 7	2 32	23 8	1 28	20 50	0 37	16 41	1 19	1 33	0 45	15 23	1 50	21 7	12 38	3 3	2 34	28 2	16 39	4 48	
S 23	20 27	2 43	1 4	15 54	1 18	23 48	2 19	23 2	1 28	20 48	0 37	16 40	1 19	1 33	0 45	15 22	1 50	21 7	12 38	3 3	2 33	28 2	16 38	4 49	
S 24	20 39	3s33	0s 6	16 35	1 9	23 29	2 6	22 56	1 28	20 46	0 37	16 38	1 18	1 33	0 45	15 22	1 50	21 7	12 39	3 4	2 31	28 1	16 37	4 49	
M 25	20 50	9 53	1 17	17 17	0 58	23 9	1 52	22 49	1 27	20 44	0 37	16 37	1 18	1 33	0 45	15 21	1 50	21 7	12 39	3 3	2 30	28 0	16 36	4 49	
T 26	21 1	15 56	2 27	17 57	0 48	22 49	1 39	22 43	1 27	20 42	0 37	16 36	1 18	1 34	0 45	15 21	1 50	21 7	12 39	3 2	2 29	28 0	16 35	4 49	
W 27	21 11	21 19	3 29	18 37	0 38	22 28	1 25	22 36	1 27	20 39	0 37	16 35	1 18	1 34	0 45	15 20	1 50	21 8	12 40	3 0	2 28	27 59	16 34	4 50	
T 28	21 21	25 29	4 19	19 17	0 27	22 7	1 11	22 29	1 26	20 37	0 37	16 34	1 18	1 34	0 45	15 20	1 50	21 8	12 40	2 57	2 26	27 58	16 33	4 50	
F 29	21 31	27 58	4 51	19 55	0 16	21 46	0 56	22 22	1 26	20 35	0 37	16 32	1 18	1 34	0 45	15 20	1 50	21 8	12 41	2 54	2 25	27 57	16 32	4 50	
S 30	21 40	28 24	5 4	20 31	0 6	21 25	0 42	22 15	1 25	20 33	0 37	16 31	1 18	1 34	0 45	15 19	1 50	21 8	12 41	2 50	2 24	27 57	16 31	4 50	
S 31	21n49	26s45	4s55	21n 7	0n 5	21n 4	0n28	22n 7	1n25	20n31	0n37	16n30	1n18	1n34	0n45	15s19	1n50	21s 9	12s41	2n47	2n23	27n56	16s30	4n50	

ASTRODIENST EPHEMERIS for the year 1801

geocentric

JUNE 1801

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 35 59	9II56'56	5~24	6II29	1°R34	27~51	1~26	18~43	27°R47	17°R27	5~48	6°R54	5°Y55	12~58	5°R35	M 1
T 2	16 39 55	10°54'22	19°49	8°40	1II 0	28°28	1°37	18°47	27~47	17~26	5°48	6°Y50	5°52	13° 5	5~30	T 2
W 3	16 43 52	11°51'47	3~51	10°52	0°28	29° 4	1°47	18°51	27°46	17°24	5°49	6°48	5°49	13°11	5°26	W 3
T 4	16 47 48	12°49'11	17°30	13° 4	29~57	29°40	1°58	18°56	27°46	17°23	5°49	6°D48	5°46	13°18	5°22	T 4
F 5	16 51 45	13°46'35	0°Y47	15°16	29°28	0~16	2° 8	19° 0	27°D46	17°21	5°49	6°R49	5°43	13°25	5°18	F 5
S 6	16 55 41	14°43'58	13°46	17°28	29° 1	0°52	2°19	19° 5	27°46	17°20	5°R49	6°48	5°39	13°31	5°13	S 6
S 7	16 59 38	15°41'21	26°29	19°39	28°37	1°28	2°30	19° 9	27°46	17°18	5°49	6°47	5°36	13°38	5° 9	S 7
M 8	17 3 34	16°38'43	8~59	21°49	28°14	2° 4	2°41	19°14	27°46	17°17	5°49	6°43	5°33	13°45	5° 5	M 8
T 9	17 7 31	17°36'04	21°19	23°59	27°53	2°40	2°52	19°19	27°47	17°16	5°49	6°36	5°30	13°52	5° 1	T 9
W10	17 11 28	18°33'25	3II30	26° 7	27°35	3°17	3° 3	19°24	27°47	17°14	5°49	6°27	5°27	13°58	4°57	W10
T 11	17 15 24	19°30'46	15°35	28°13	27°19	3°53	3°14	19°29	27°47	17°13	5°48	6°15	5°23	14° 5	4°53	T 11
F 12	17 19 21	20°28'05	27°34	0~18	27° 6	4°29	3°25	19°34	27°47	17°12	5°48	6° 2	5°20	14°12	4°49	F 12
S 13	17 23 17	21°25'24	9~28	2°22	26°55	5° 6	3°37	19°39	27°48	17°10	5°48	5°49	5°17	14°19	4°44	S 13
S 14	17 27 14	22°22'43	21°20	4°23	26°46	5°42	3°48	19°44	27°48	17° 9	5°48	5°36	5°14	14°25	4°40	S 14
M15	17 31 10	23°20'01	3~11	6°22	26°40	6°18	3°59	19°50	27°49	17° 8	5°48	5°26	5°11	14°32	4°37	M15
T 16	17 35 7	24°17'17	15° 4	8°20	26°36	6°55	4°11	19°55	27°49	17° 7	5°48	5°18	5° 8	14°39	4°33	T 16
W17	17 39 4	25°14'34	27° 1	10°15	26°D34	7°31	4°22	20° 0	27°50	17° 5	5°47	5°12	5° 4	14°45	4°29	W17
T 18	17 43 0	26°11'49	9~17	12° 8	26°35	8° 8	4°34	20° 6	27°51	17° 4	5°47	5°10	5° 1	14°52	4°25	T 18
F 19	17 46 57	27° 9'04	21°27	13°58	26°38	8°44	4°46	20°11	27°51	17° 3	5°47	5° 9	4°58	14°59	4°21	F 19
S 20	17 50 53	28° 6'18	4~6	15°47	26°43	9°21	4°57	20°17	27°52	17° 2	5°46	5° 9	4°55	15° 6	4°17	S 20
S 21	17 54 50	29° 3'31	17° 7	17°33	26°51	9°57	5° 9	20°23	27°53	17° 1	5°46	5° 8	4°52	15°12	4°14	S 21
M22	17 58 46	0~0'44	0~36	19°17	27° 0	10°34	5°21	20°28	27°54	17° 0	5°46	5° 7	4°49	15°19	4°10	M22
T 23	18 2 43	0°57'56	14°34	20°59	27°12	11°10	5°33	20°34	27°55	16°59	5°45	5° 3	4°45	15°26	4° 7	T 23
W24	18 6 39	1°55'08	29° 1	22°38	27°26	11°47	5°45	20°40	27°55	16°58	5°45	4°57	4°42	15°32	4° 3	W24
T 25	18 10 36	2°52'19	13~54	24°15	27°41	12°23	5°57	20°46	27°56	16°57	5°44	4°48	4°39	15°39	4° 0	T 25
F 26	18 14 33	3°49'30	29° 5	25°50	27°59	13° 0	6° 9	20°52	27°58	16°56	5°44	4°37	4°36	15°46	3°56	F 26
S 27	18 18 29	4°46'41	14~24	27°22	28°18	13°37	6°21	20°58	27°59	16°55	5°44	4°27	4°33	15°53	3°53	S 27
S 28	18 22 26	5°43'52	29°39	28°52	28°39	14°13	6°33	21° 4	28° 0	16°54	5°43	4°17	4°30	15°59	3°50	S 28
M29	18 26 22	6°41'03	14~40	0~20	29° 2	14°50	6°46	21°10	28° 1	16°53	5°43	4° 9	4°26	16° 6	3°47	M29
T 30	18 30 19	7~38'14	29~19	1~45	29~27	15~27	6~58	21~16	28~12	16~52	5~42	4~Y 4	4~Y23	16~23	3~43	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
M 1	21n58	23s16	4s27	21n40	0n16	20n43	0n14	22n 0	1n25	20n28	0n37	16n28	1n18	1n34	0n45	15s18	1n49	21s 9	12s42	2n45	2n21	27n55	16s29	4n51
T 2	22 6	18 25	3 43	22 12	0 26	20 23	0s 0	21 52	1 24	20 26	0 37	16 27	1 18	1 34	0 45	15 18	1 49	21 9	12 42	2 43	2 20	27 54	16 28	4 51
W 3	22 14	12 41	2 46	22 42	0 36	20 3	0 14	21 45	1 24	20 24	0 37	16 25	1 18	1 34	0 45	15 18	1 49	21 9	12 42	2 42	2 19	27 53	16 28	4 51
T 4	22 22	6 30	1 41	23 9	0 46	19 43	0 28	21 37	1 24	20 21	0 37	16 24	1 18	1 34	0 45	15 17	1 49	21 10	12 43	2 42	2 17	27 53	16 27	4 51
F 5	22 29	0 11	0 32	23 34	0 55	19 24	0 41	21 29	1 23	20 19	0 37	16 23	1 18	1 34	0 45	15 17	1 49	21 10	12 43	2 42	2 16	27 52	16 26	4 51
S 6	22 36	6n 0	0n37	23 56	1 4	19 5	0 54	21 20	1 23	20 16	0 37	16 21	1 18	1 34	0 45	15 17	1 49	21 10	12 43	2 42	2 15	27 51	16 25	4 51
S 7	22 42	11 49	1 42	24 16	1 12	18 48	1 7	21 12	1 23	20 14	0 37	16 20	1 18	1 34	0 45	15 16	1 49	21 11	12 44	2 42	2 14	27 50	16 24	4 52
M 8	22 48	17 4	2 42	24 33	1 20	18 31	1 19	21 4	1 22	20 11	0 37	16 18	1 18	1 34	0 45	15 16	1 49	21 11	12 44	2 40	2 12	27 49	16 23	4 52
T 9	22 53	21 32	3 33	24 47	1 27	18 14	1 31	20 55	1 22	20 9	0 37	16 17	1 18	1 34	0 45	15 16	1 49	21 11	12 44	2 37	2 11	27 48	16 22	4 52
W10	22 58	25 1	4 13	24 58	1 34	17 59	1 42	20 46	1 22	20 6	0 37	16 15	1 18	1 34	0 45	15 15	1 49	21 12	12 45	2 34	2 10	27 48	16 22	4 52
T 11	23 3	27 21	4 41	25 7	1 39	17 45	1 53	20 37	1 21	20 4	0 37	16 13	1 18	1 34	0 45	15 15	1 49	21 12	12 45	2 29	2 9	27 47	16 21	4 52
F 12	23 7	28 24	4 57	25 12	1 44	17 32	2 4	20 28	1 21	20 1	0 37	16 12	1 18	1 34	0 45	15 15	1 49	21 12	12 45	2 24	2 7	27 46	16 20	4 52
S 13	23 11	28 7	5 0	25 15	1 49	17 19	2 14	20 19	1 21	19 59	0 38	16 10	1 18	1 33	0 44	15 14	1 49	21 13	12 46	2 19	2 6	27 45	16 19	4 52
S 14	23 15	26 32	4 49	25 16	1 52	17 8	2 23	20 10	1 20	19 56	0 38	16 8	1 17	1 33	0 44	15 14	1 49	21 13	12 46	2 14	2 5	27 44	16 18	4 52
M15	23 18	23 47	4 26	25 14	1 55	16 57	2 33	20 0	1 20	19 53	0 38	16 7	1 17	1 33	0 44	15 14	1 49	21 14	12 46	2 10	2 4	27 43	16 18	4 52
T 16	23 21	20 2	3 52	25 9	1 57	16 48	2 41	19 51	1 20	19 51	0 38	16 5	1 17	1 33	0 44	15 13	1 49	21 14	12 47	2 6	2 2	27 42	16 17	4 52
W17	23 23	15 27	3 7	25 2	1 58	16 40	2 50	19 41	1 19	19 48	0 38	16 3	1 17	1 32	0 44	15 13	1 49	21 14	12 47	2 4	2 1	27 41	16 16	4 52
T 18	23 25	10 13	2 13	24 53	1 59	16 32	2 58	19 31	1 19	19 45	0 38	16 1	1 17	1 32	0 44	15 13	1 49	21 15	12 47	2 3	2 0	27 40	16 16	4 52
F 19	23 26	4 29	1 12	24 42	1 59	16 26	3 5	19 22	1 18	19 42	0 38	16 0	1 17	1 32	0 44	15 12	1 49	21 15	12 48	2 3	1 59	27 40	16 15	4 52
S 20	23 27	1s33	0 6	24 29	1 58	16 20	3 12	19 11	1 18	19 39	0 38	15 58	1 17	1 32	0 44	15 12	1 49	21 16	12 48	2 3	1 57	27 39	16 14	4 52
S 21	23 28	7 42	1s 3	24 14	1 57	16 15	3 18	19 1	1 18	19 37	0 38	15 56	1 17	1 31	0 44	15 12	1 49	21 16	12 49	2 3	1 56	27 38	16 14	4 52
M22	23 28	13 44	2 10	23 58	1 54	16 12	3 24	18 51	1 17	19 34	0 38	15 54	1 17	1 31	0 44	15 12	1 49	21 17	12 49	2 2	1 55	27 37	16 13	4 52
T 23	23 28	19 17	3 12	23 40	1 51	16 9	3 30	18 41	1 17	19 31	0 38	15 52	1 17	1 30	0 44	15 11	1 49	21 17	12 49	2 1	1 54	27 36	16 12	4 52
W24	23 27	23 56	4 4	23 20	1 48	16 7	3 35	18 30	1 17	19 28	0 38	15 50	1 17	1 30	0 44	15 11	1 49	21 17	12 49	1 58	1 52	27 35	16 12	4 52
T 25	23 26	27 8	4 41	22 59	1 44	16 5	3 40	18 19	1 16	19 25	0 38	15 48	1 17	1 30	0 44	15 11	1 49	21 18	12 50	1 54	1 51	27 34	16 11	4 52
F 26	23 25	28 27	4 59	22 37	1 39	16 5	3 45	18 9	1 16	19 22	0 38	15 47	1 17	1 29	0 44	15 11	1 49	21 18	12 50	1 50	1 50	27 33	16 11	4 52
S 27	23 23	27 35	4 56	22 14	1 33	16 5	3 49	17 58	1 15	19 19	0 38	15 45	1 17	1 29	0 44	15 10	1 49	21 19	12 50	1 46	1 48	27 32	16 10	4 52
S 28	23 21	24 40	4 32	21 50	1 28	16 6	3 53	17 47	1 15	19 16	0 38	15 43	1 17	1 28	0 44	15 10	1 48	21 19	12 51	1 42	1 47	27 31	16 9	4 52
M29	23 18	20 6	3 49	21 25	1 21	16 8	3 56	17 36	1 15	19 13	0 38	15 41	1 17	1 28	0 44	15 10	1 48	21 20	12 51	1 39	1 46	27 30	16 9	4 52
T 30	23n15	14s25	2s52	21n 0	1n14	16n10	3s59	17n24	1n14	19n10	0n38	15n39	1n17	1n27	0n44	15s10	1n48	21s20	12s51	1n37	1n45	27n39	16s 8	4n52

ASTRODIENST EPHEMERIS for the year 1801
geocentric

JULY 1801

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	18 34 15	8♂35'25	13♂31	3♂ 8	29♂53	16♂ 4	7♂10	21♂23	28♂ 4	16♂51	5♂41	4♂ 1	4♂20	16♂20	3♂40	W 1
T 2	18 38 12	9°32'36	27°15	4°29	0♂21	16°40	7°22	21°29	28° 5	16♂50	5♂41	4♂ 0	4°17	16°26	3♂37	T 2
F 3	18 42 8	10°29'47	10♂34	5°47	0°50	17°17	7°35	21°35	28° 6	16°49	5°40	4° 0	4°14	16°33	3°34	F 3
S 4	18 46 5	11°26'59	23°29	7° 2	1°21	17°54	7°47	21°42	28° 8	16°49	5°40	3°59	4°10	16°40	3°32	S 4
S 5	18 50 2	12°24'11	6♂ 5	8°15	1°53	18°31	8° 0	21°48	28° 9	16°48	5°39	3°58	4° 7	16°46	3°29	S 5
M 6	18 53 58	13°21'24	18°27	9°25	2°27	19° 8	8°12	21°55	28°11	16°47	5°38	3°53	4° 4	16°53	3°26	M 6
T 7	18 57 55	14°18'36	0♂37	10°32	3° 2	19°45	8°25	22° 1	28°13	16°46	5°38	3°47	4° 1	17° 0	3°24	T 7
W 8	19 1 51	15°15'50	12°40	11°37	3°38	20°22	8°37	22° 8	28°14	16°46	5°37	3°37	3°58	17° 7	3°21	W 8
T 9	19 5 48	16°13'03	24°37	12°39	4°15	20°59	8°50	22°14	28°16	16°45	5°36	3°25	3°55	17°13	3°19	T 9
F 10	19 9 44	17°10'17	6♂31	13°38	4°53	21°36	9° 3	22°21	28°18	16°44	5°35	3°12	3°51	17°20	3°16	F 10
S 11	19 13 41	18° 7'32	18°22	14°33	5°33	22°13	9°15	22°28	28°19	16°44	5°35	2°59	3°48	17°27	3°14	S 11
S 12	19 17 38	19° 4'46	0♂14	15°26	6°13	22°50	9°28	22°35	28°21	16°43	5°34	2°46	3°45	17°33	3°12	S 12
M13	19 21 34	20° 2'01	12° 7	16°15	6°55	23°27	9°41	22°41	28°23	16°43	5°33	2°36	3°42	17°40	3°10	M13
T 14	19 25 31	20°59'16	24° 3	17° 1	7°37	24° 4	9°54	22°48	28°25	16°42	5°32	2°27	3°39	17°47	3° 8	T 14
W15	19 29 27	21°56'31	6♂ 4	17°43	8°21	24°41	10° 7	22°55	28°27	16°42	5°31	2°22	3°36	17°54	3° 6	W15
T 16	19 33 24	22°53'47	18°14	18°21	9° 5	25°18	10°19	23° 2	28°29	16°41	5°31	2°19	3°32	18° 0	3° 4	T 16
F 17	19 37 20	23°51'03	0♂36	18°55	9°50	25°56	10°32	23° 9	28°31	16°41	5°30	2°D18	3°29	18° 7	3° 2	F 17
S 18	19 41 17	24°48'19	13°14	19°26	10°36	26°33	10°45	23°16	28°33	16°41	5°29	2°18	3°26	18°14	3° 0	S 18
S 19	19 45 13	25°45'35	26°13	19°52	11°23	27°10	10°58	23°23	28°35	16°40	5°28	2°R19	3°23	18°21	2°59	S 19
M20	19 49 10	26°42'51	9♂36	20°14	12°11	27°47	11°11	23°30	28°38	16°40	5°27	2°18	3°20	18°27	2°57	M20
T 21	19 53 7	27°40'08	23°26	20°31	12°59	28°25	11°24	23°37	28°40	16°40	5°26	2°15	3°16	18°34	2°56	T 21
W22	19 57 3	28°37'25	7♂45	20°43	13°48	29° 2	11°37	23°45	28°42	16°39	5°25	2°11	3°13	18°41	2°54	W22
T 23	20 1 0	29°34'43	22°29	20°51	14°38	29°39	11°50	23°52	28°45	16°39	5°24	2° 4	3°10	18°47	2°53	T 23
F 24	20 4 56	0♂32'01	7♂34	20°R53	15°29	0♂17	12° 3	23°59	28°47	16°39	5°23	1°55	3° 7	18°54	2°52	F 24
S 25	20 8 53	1°29'20	22°50	20°51	16°20	0°54	12°16	24° 6	28°49	16°39	5°22	1°47	3° 4	19° 1	2°51	S 25
S 26	20 12 49	2°26'39	8♂ 6	20°44	17°12	1°31	12°29	24°13	28°52	16°39	5°21	1°38	3° 1	19° 8	2°50	S 26
M27	20 16 46	3°23'59	23°12	20°31	18° 4	2° 9	12°42	24°21	28°54	16°39	5°20	1°32	2°57	19°14	2°49	M27
T 28	20 20 42	4°21'20	7♂58	20°14	18°57	2°46	12°55	24°28	28°57	16°39	5°19	1°28	2°54	19°21	2°48	T 28
W29	20 24 39	5°18'42	22°19	19°51	19°51	3°24	13° 9	24°35	28°59	16°D39	5°18	1°25	2°51	19°28	2°48	W29
T 30	20 28 36	6°16'05	6♂12	19°24	20°45	4° 1	13°22	24°43	29° 2	16°39	5°17	1°D25	2°48	19°34	2°47	T 30
F 31	20 32 32	7♂13'29	19♂36	18♂52	21♂39	4♂39	13♂35	24♂50	29♂ 5	16♂39	5♂16	1♂26	2♂45	19♂41	2♂47	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	23n11	8s 7	1s46	20n33	1n 6	16n13	4s 2	17n13	1n14	19n 7	0n38	15n37	1n17	1n26	0n44	15s10
T 2	23 7	1 38	0 36	20 6	0 58	16 16	4 4	17 2	1 14	19 4	0 38	15 34	1 17	1 26	0 44	15 9
F 3	23 3	4n43	0n35	19 39	0 49	16 20	4 6	16 50	1 13	19 1	0 38	15 32	1 17	1 25	0 44	15 9
S 4	22 58	10 42	1 41	19 11	0 40	16 24	4 8	16 38	1 13	18 57	0 38	15 30	1 17	1 25	0 44	15 9
S 5	22 53	16 6	2 41	18 43	0 31	16 29	4 10	16 27	1 12	18 54	0 38	15 28	1 17	1 24	0 44	15 9
M 6	22 48	20 44	3 32	18 15	0 21	16 34	4 11	16 15	1 12	18 51	0 38	15 26	1 17	1 23	0 43	15 9
T 7	22 42	24 25	4 12	17 47	0 10	16 40	4 12	16 3	1 12	18 48	0 38	15 24	1 17	1 23	0 43	15 8
W 8	22 36	26 59	4 41	17 19	0s 1	16 46	4 13	15 51	1 11	18 44	0 38	15 22	1 17	1 22	0 43	15 8
T 9	22 29	28 18	4 57	16 50	0 12	16 52	4 14	15 38	1 11	18 41	0 38	15 20	1 17	1 21	0 43	15 8
F 10	22 22	28 18	5 0	16 23	0 24	16 58	4 14	15 26	1 10	18 38	0 38	15 17	1 17	1 21	0 43	15 8
S 11	22 14	26 59	4 50	15 55	0 36	17 5	4 14	15 14	1 10	18 35	0 38	15 15	1 17	1 20	0 43	15 8
S 12	22 6	24 28	4 27	15 28	0 48	17 12	4 14	15 1	1 10	18 31	0 38	15 13	1 17	1 19	0 43	15 8
M13	21 58	20 54	3 53	15 1	1 1	17 19	4 14	14 49	1 9	18 28	0 38	15 11	1 17	1 18	0 43	15 8
T 14	21 50	16 29	3 8	14 35	1 13	17 26	4 13	14 36	1 9	18 24	0 38	15 9	1 17	1 17	0 43	15 8
W15	21 41	11 23	2 14	14 10	1 27	17 34	4 13	14 23	1 8	18 21	0 38	15 6	1 17	1 17	0 43	15 8
T 16	21 31	5 48	1 14	13 46	1 40	17 41	4 12	14 10	1 8	18 18	0 39	15 4	1 17	1 16	0 43	15 8
F 17	21 22	0s 6	0 9	13 22	1 53	17 49	4 11	13 57	1 8	18 14	0 39	15 2	1 17	1 15	0 43	15 7
S 18	21 11	6 7	0s58	13 0	2 7	17 57	4 10	13 44	1 7	18 11	0 39	14 59	1 17	1 14	0 43	15 7
S 19	21 1	12 3	2 4	12 39	2 21	18 4	4 8	13 31	1 7	18 7	0 39	14 57	1 17	1 13	0 43	15 7
M20	20 50	17 37	3 5	12 19	2 34	18 12	4 7	13 18	1 6	18 4	0 39	14 55	1 17	1 12	0 43	15 7
T 21	20 39	22 29	3 57	12 1	2 48	18 20	4 5	13 4	1 6	18 0	0 39	14 52	1 17	1 11	0 43	15 7
W22	20 28	26 11	4 37	11 44	3 2	18 28	4 3	12 51	1 6	17 57	0 39	14 50	1 17	1 10	0 43	15 7
T 23	20 16	28 14	5 0	11 29	3 15	18 35	4 1	12 37	1 5	17 53	0 39	14 48	1 17	1 9	0 43	15 7
F 24	20 4	28 17	5 2	11 16	3 28	18 43	3 59	12 24	1 5	17 49	0 39	14 45	1 17	1 8	0 43	15 7
S 25	19 51	26 12	4 44	11 5	3 40	18 50	3 57	12 10	1 4	17 46	0 39	14 43	1 17	1 7	0 43	15 7
S 26	19 38	22 12	4 5	10 56	3 52	18 58	3 54	11 57	1 4	17 42	0 39	14 41	1 17	1 6	0 43	15 7
M27	19 25	16 47	3 9	10 49	4 3	19 5	3 52	11 43	1 4	17 38	0 39	14 38	1 17	1 5	0 43	15 7
T 28	19 12	10 29	2 2	10 44	4 14	19 12	3 49	11 29	1 3	17 35	0 39	14 36	1 17	1 4	0 43	15 7
W29	18 58	3 48	0 49	10 42	4 24	19 19	3 47	11 15	1 3	17 31	0 39	14 33	1 17	1 3	0 43	15 7
T 30	18 44	2n51	0n26	10 43	4 32	19 25	3 44	11 1	1 2	17 27	0 39	14 31	1 17	1 2	0 43	15 8
F 31	18n29	9n 9	1n36	10n45	4s39	19n32	3s41	10n47	1n 2	17n24	0n39	14n28	1n17	1n 1	0n43	15s 8

Julian Day Number = 2379042.5, Delta T = 17.92 sec
Ecliptic obliquity = 23°28'03, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°58'07, Lahiri = 21°05'08

ASTRODIENST EPHEMERIS for the year 1801
geocentric

AUGUST 1801

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	20 36 29	8♌10°54	2♋35	18°R17	22♊35	5♍17	13♎48	24♏58	29♍7	16♌39	5°R15	1°R27	2♑41	19♓48	2°R46	S 1
S 2	20 40 25	9° 8'21	15°12	17♌37	23°30	5°54	14° 1	25° 5	29°10	16°39	5♋14	1♑27	2°38	19°55	2♌46	S 2
M 3	20 44 22	10° 5'49	27°32	16°55	24°27	6°32	14°14	25°12	29°13	16°39	5°12	1°25	2°35	20° 1	2°46	M 3
T 4	20 48 18	11° 3'18	9♊40	16°10	25°23	7°10	14°27	25°20	29°16	16°39	5°11	1°21	2°32	20° 8	2°46	T 4
W 5	20 52 15	12° 0'49	21°38	15°23	26°20	7°47	14°41	25°27	29°18	16°39	5°10	1°16	2°29	20°15	2°D46	W 5
T 6	20 56 11	12°58'20	3♋32	14°35	27°18	8°25	14°54	25°35	29°21	16°39	5° 9	1° 8	2°26	20°21	2°46	T 6
F 7	21 0 8	13°55'53	15°23	13°48	28°16	9° 3	15° 7	25°42	29°24	16°40	5° 8	1° 0	2°22	20°28	2°46	F 7
S 8	21 4 5	14°53'27	27°15	13° 1	29°14	9°41	15°20	25°50	29°27	16°40	5° 7	0°51	2°19	20°35	2°46	S 8
S 9	21 8 1	15°51'03	9♌9	12°16	0♓13	10°19	15°33	25°58	29°30	16°40	5° 6	0°42	2°16	20°42	2°47	S 9
M10	21 11 58	16°48'39	21° 7	11°33	1°12	10°57	15°46	26° 5	29°33	16°41	5° 4	0°35	2°13	20°48	2°47	M10
T 11	21 15 54	17°46'17	3♍11	10°54	2°12	11°35	16° 0	26°13	29°36	16°41	5° 3	0°30	2°10	20°55	2°48	T 11
W12	21 19 51	18°43'56	15°22	10°20	3°12	12°12	16°13	26°20	29°39	16°42	5° 2	0°27	2° 7	21° 2	2°48	W12
T 13	21 23 47	19°41'36	27°42	9°50	4°12	12°50	16°26	26°28	29°42	16°42	5° 1	0°D26	2° 3	21° 8	2°49	T 13
F 14	21 27 44	20°39'17	10♌14	9°26	5°13	13°28	16°39	26°35	29°45	16°42	4°59	0°26	2° 0	21°15	2°50	F 14
S 15	21 31 40	21°36'59	23° 0	9° 9	6°14	14° 7	16°52	26°43	29°49	16°43	4°58	0°27	1°57	21°22	2°51	S 15
S 16	21 35 37	22°34'42	6♌3	8°58	7°15	14°45	17° 5	26°51	29°52	16°44	4°57	0°29	1°54	21°29	2°52	S 16
M17	21 39 34	23°32'26	19°25	8°D54	8°17	15°23	17°19	26°58	29°55	16°44	4°56	0°R30	1°51	21°35	2°53	M17
T 18	21 43 30	24°30'12	3♌10	8°58	9°19	16° 1	17°32	27° 6	29°58	16°45	4°55	0°30	1°47	21°42	2°54	T 18
W19	21 47 27	25°27'58	17°17	9° 9	10°21	16°39	17°45	27°14	0♌1	16°45	4°53	0°28	1°44	21°49	2°56	W19
T 20	21 51 23	26°25'46	1♌46	9°29	11°23	17°17	17°58	27°21	0° 5	16°46	4°52	0°25	1°41	21°55	2°57	T 20
F 21	21 55 20	27°23'35	16°33	9°55	12°26	17°55	18°11	27°29	0° 8	16°47	4°51	0°21	1°38	22° 2	2°59	F 21
S 22	21 59 16	28°21'25	1♌31	10°30	13°29	18°34	18°24	27°37	0°11	16°47	4°50	0°16	1°35	22° 9	3° 0	S 22
S 23	22 3 13	29°19'17	16°32	11°12	14°32	19°12	18°37	27°44	0°15	16°48	4°48	0°12	1°32	22°16	3° 2	S 23
M24	22 7 9	0♍17°10	1♋28	12° 1	15°36	19°50	18°50	27°52	0°18	16°49	4°47	0° 8	1°28	22°22	3° 4	M24
T 25	22 11 6	1°15'04	16°10	12°58	16°40	20°29	19° 3	27°59	0°21	16°50	4°46	0° 6	1°25	22°29	3° 6	T 25
W26	22 15 3	2°13'00	0♑31	14° 2	17°44	21° 7	19°16	28° 7	0°25	16°51	4°44	0°D 6	1°22	22°36	3° 8	W26
T 27	22 18 59	3°10'57	14°26	15°12	18°48	21°45	19°29	28°15	0°28	16°52	4°43	0° 6	1°19	22°42	3°10	T 27
F 28	22 22 56	4° 8'57	27°56	16°28	19°53	22°24	19°42	28°22	0°32	16°53	4°42	0° 8	1°16	22°49	3°12	F 28
S 29	22 26 52	5° 6'58	11♌0	17°50	20°58	23° 2	19°55	28°30	0°35	16°54	4°41	0° 9	1°13	22°56	3°15	S 29
S 30	22 30 49	6° 5'02	23°42	19°17	22° 3	23°41	20° 8	28°37	0°39	16°55	4°39	0°11	1° 9	23° 3	3°17	S 30
M31	22 34 45	7♍3'07	6♊5	20♌49	23♓8	24♍20	20♎21	28♏45	0♌42	16♌56	4♋38	0°R11	1♑6	23♓9	3♌19	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	lat	decl	decl	decl	decl	decl	decl	decl	decl	decl	lat
S 1	18n15	14n52	2n39	10n50	4s45	19n38	3s38	10n32	1n 2	17n20	0n39	14n26	1n17	1n 0	0n43	15s 8	1n47	21s38	13s 0	0n35	1n 4	26n52	16s 4	4n46										
S 2	17 59	19 48	3 33	10 58	4 50	19 44	3 35	10 18	1 1	17 16	0 40	14 23	1 17	0 59	0 43	15 8	1 47	21 39	13 0	0 35	1 3	26 51	16 4	4 46										
M 3	17 44	23 46	4 15	11 8	4 53	19 50	3 31	10 4	1 1	17 13	0 40	14 21	1 17	0 58	0 42	15 8	1 46	21 39	13 0	0 34	1 2	26 50	16 4	4 45										
T 4	17 29	26 38	4 45	11 20	4 54	19 55	3 28	9 49	1 0	17 9	0 40	14 18	1 17	0 57	0 42	15 8	1 46	21 40	13 0	0 32	1 1	26 48	16 4	4 45										
W 5	17 13	28 14	5 2	11 34	4 53	20 0	3 25	9 35	1 0	17 5	0 40	14 16	1 18	0 55	0 42	15 8	1 46	21 41	13 0	0 30	0 59	26 47	16 5	4 45										
T 6	16 56	28 32	5 6	11 50	4 51	20 5	3 21	9 20	0 59	17 1	0 40	14 13	1 18	0 54	0 42	15 8	1 46	21 41	13 1	0 27	0 58	26 46	16 5	4 45										
F 7	16 40	27 30	4 57	12 8	4 46	20 10	3 18	9 6	0 59	16 57	0 40	14 11	1 18	0 53	0 42	15 8	1 46	21 42	13 1	0 24	0 57	26 44	16 5	4 44										
S 8	16 23	25 14	4 35	12 27	4 40	20 14	3 14	8 51	0 59	16 54	0 40	14 8	1 18	0 52	0 42	15 8	1 46	21 42	13 1	0 20	0 55	26 43	16 5	4 44										
S 9	16 6	21 52	4 1	12 47	4 32	20 18	3 10	8 36	0 58	16 50	0 40	14 6	1 18	0 51	0 42	15 9	1 46	21 43	13 1	0 17	0 54	26 42	16 6	4 44										
M10	15 49	17 34	3 16	13 8	4 23	20 21	3 7	8 22	0 58	16 46	0 40	14 3	1 18	0 49	0 42	15 9	1 46	21 44	13 1	0 14	0 53	26 40	16 6	4 44										
T 11	15 31	12 33	2 22	13 29	4 11	20 24	3 3	8 7	0 57	16 42	0 40	14 1	1 18	0 48	0 42	15 9	1 46	21 44	13 1	0 12	0 52	26 39	16 6	4 43										
W12	15 14	7 1	1 21	13 50	3 59	20 27	2 59	7 52	0 57	16 38	0 40	13 58	1 18	0 47	0 42	15 9	1 46	21 45	13 1	0 11	0 50	26 38	16 7	4 43										
T 13	14 56	1 8	0 15	14 12	3 45	20 29	2 55	7 37	0 56	16 34	0 40	13 56	1 18	0 46	0 42	15 9	1 46	21 45	13 2	0 10	0 49	26 36	16 7	4 43										
F 14	14 37	4s52	0s53	14 32	3 30	20 31	2 51	7 22	0 56	16 30	0 40	13 53	1 18	0 44	0 42	15 10	1 46	21 46	13 2	0 10	0 48	26 35	16 8	4 43										
S 15	14 19	10 48	2 0	14 52	3 14	20 33	2 47	7 7	0 56	16 26	0 40	13 51	1 18	0 43	0 42	15 10	1 46	21 46	13 2	0 11	0 47	26 34	16 8	4 42										
S 16	14 0	16 24	3 2	15 11	2 57	20 34	2 43	6 52	0 55	16 23	0 41	13 48	1 18	0 42	0 42	15 10	1 46	21 47	13 2	0 12	0 45	26 32	16 9	4 42										
M17	13 41	21 22	3 55	15 29	2 40	20 34	2 39	6 37	0 55	16 19	0 41	13 46	1 18	0 41	0 42	15 10	1 46	21 48	13 2	0 12	0 44	26 31	16 9	4 42										
T 18	13 22	25 21	4 37	15 45	2 22	20 34	2 34	6 21	0 54	16 15	0 41	13 43	1 18	0 39	0 42	15 10	1 46	21 48	13 2	0 11	0 43	26 30	16 10	4 41										
W19	13 3	27 54	5 3	15 59	2 5	20 34	2 30	6 6	0 54	16 11	0 41	13 40	1 18	0 38	0 42	15 11	1 45	21 49	13 2	0 11	0 42	26 28	16 10	4 41										
T 20	12 43	28 39	5 11	16 11	1 47	20 33	2 26	5 51	0 53	16 7	0 41	13 38	1 18	0 37	0 42	15 11	1 45	21 49	13 2	0 10	0 40	26 27	16 11	4 41										
F 21	12 23	27 23	4 59	16 21	1 29	20 32	2 22	5 35	0 53	16 3	0 41	13 35	1 18	0 35	0 42	15 11	1 45	21 50	13 2	0 8	0 39	26 25	16 11	4 41										
S 22	12 4	24 11	4 27	16 29	1 12	20 30	2 17	5 20	0 52	15 59	0 41	13 33	1 18	0 34	0 42	15 11	1 45	21 50	13 2	0 6	0 38	26 24	16 12	4 40										
S 23	11 43	19 19	3 36	16 34	0 55	20 28	2 13	5 5	0 52	15 55	0 41	13 30	1 19	0 33	0 42	15 12	1 45	21 51	13 3	0 5	0 36	26 22	16 12	4 40										
M24	11 23	13 18	2 30	16 36	0 38	20 25	2 9	4 49	0 52	15 51	0 41	13 28	1 19	0 31	0 42	15 12	1 45	21 51	13 3	0 3	0 35	26 21	16 13	4 40										
T 25	11 3	6 38	1 16	16 35	0 22	20 22	2 4	4 34	0 51	15 47	0 41	13 25	1 19	0 30	0 42	15 12	1 45	21 52	13 3	0 3	0 34	26 20	16 14	4 39										
W26	10 42	0n14	0n 2	16 32	0 7	20 18	2 0	4 18	0 51	15 43	0 41	13 22	1 19	0 28	0 42	15 13	1 45	21 53	13 3	0 2	0 33	26 18	16 14	4 39										
T 27	10 21	6 54	1 18	16 25	0n 7	20 14	1 56	4 2	0 50	15 39	0 42	13 20	1 19	0 27	0 42	15 13	1 45	21 53	13 3	0 3	0 31	26 17	16 15	4 39										
F 28	10 0	13 2	2 27	16 15	0 21	20 10	1 51	3 47	0 50	15 35	0 42	13 17	1 19	0 26	0 42	15 13	1 45	21 54	13 3	0 3	0 30	26 15	16 16	4 39										
S 29	9 39	18 24	3 26	16 2	0 34	20 4	1 47	3 31	0 49	15 31	0 42	13 15	1 19	0 24	0 42	15 14	1 45	21 54	13 3	0 4	0 29	26 14	16 16	4 38										
S 30	9 17	22 48	4 13	15 46	0 45	19 59	1 42	3 16	0 49	15 27	0 42	13 12	1 19	0 23	0 42	15 14	1 45	21 55	13 3	0 4	0 28	26 12	16 17	4 38										
M31	8n56	26n 4	4n47	15n27	0n56	19n52	1s38	3n 0	0n48	15n23	0n42	13n10	1n19	0n21	0n42	15s14	1n45	21s55	13s 3	0n 4	0n26	26n11	16s18	4n38										

ASTRODIENST EPHEMERIS for the year 1801
geocentric

SEPTEMBER 1801

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	22 38 42	8 ^h 1'14	18 ^h 13	22 ^h 25	24 ^h 14	24 ^h 58	20 ^h 34	28 ^h 53	0 ^h 46	16 ^h 57	4 ^h R37	0 ^h R11	1 ^h Y 3	23 ^h 16	3 ^h 22	T 1
W 2	22 42 38	8 ^h 59'24	0 ^h 52	24 ^h 5	25 ^h 20	25 ^h 37	20 ^h 46	29 ^h 0	0 ^h 50	16 ^h 58	4 ^h K36	0 ^h Y 9	1 ^h 0	23 ^h 23	3 ^h 25	W 2
T 3	22 46 35	9 ^h 57'35	12 ^h 5	25 ^h 49	26 ^h 26	26 ^h 15	20 ^h 59	29 ^h 8	0 ^h 53	16 ^h 59	4 ^h 34	0 ^h 7	0 ^h 57	23 ^h 29	3 ^h 27	T 3
F 4	22 50 32	10 ^h 55'48	23 ^h 56	27 ^h 35	27 ^h 32	26 ^h 54	21 ^h 12	29 ^h 15	0 ^h 57	17 ^h 0	4 ^h 33	0 ^h 4	0 ^h 53	23 ^h 36	3 ^h 30	F 4
S 5	22 54 28	11 ^h 54'03	5 ^h 50	29 ^h 23	28 ^h 38	27 ^h 33	21 ^h 25	29 ^h 23	1 ^h 0	17 ^h 1	4 ^h 32	0 ^h 1	0 ^h 50	23 ^h 43	3 ^h 33	S 5
S 6	22 58 25	12 ^h 52'20	17 ^h 48	1 ^h 14	29 ^h 45	28 ^h 12	21 ^h 37	29 ^h 30	1 ^h 4	17 ^h 2	4 ^h 31	29 ^h K59	0 ^h 47	23 ^h 50	3 ^h 36	S 6
M 7	23 2 21	13 ^h 50'39	29 ^h 54	3 ^h 5	0 ^h 52	28 ^h 51	21 ^h 50	29 ^h 38	1 ^h 8	17 ^h 3	4 ^h 29	29 ^h 56	0 ^h 44	23 ^h 56	3 ^h 39	M 7
T 8	23 6 18	14 ^h 49'00	12 ^h 9	4 ^h 58	1 ^h 59	29 ^h 29	22 ^h 3	29 ^h 45	1 ^h 11	17 ^h 5	4 ^h 28	29 ^h 55	0 ^h 41	24 ^h 3	3 ^h 43	T 8
W 9	23 10 14	15 ^h 47'22	24 ^h 34	6 ^h 52	3 ^h 6	0 ^h 8	22 ^h 15	29 ^h 53	1 ^h 15	17 ^h 6	4 ^h 27	29 ^h D54	0 ^h 38	24 ^h 10	3 ^h 46	W 9
T 10	23 14 11	16 ^h 45'46	7 ^h 11	8 ^h 46	4 ^h 13	0 ^h 47	22 ^h 28	0 ^h 9	1 ^h 19	17 ^h 7	4 ^h 26	29 ^h 54	0 ^h 34	24 ^h 16	3 ^h 49	T 10
F 11	23 18 7	17 ^h 44'12	20 ^h 1	10 ^h 40	5 ^h 21	1 ^h 26	22 ^h 40	0 ^h 8	1 ^h 22	17 ^h 9	4 ^h 24	29 ^h 55	0 ^h 31	24 ^h 23	3 ^h 53	F 11
S 12	23 22 4	18 ^h 42'40	3 ^h 11	12 ^h 34	6 ^h 29	2 ^h 5	22 ^h 53	0 ^h 15	1 ^h 26	17 ^h 10	4 ^h 23	29 ^h 56	0 ^h 28	24 ^h 30	3 ^h 56	S 12
S 13	23 26 0	19 ^h 41'10	16 ^h 21	14 ^h 28	7 ^h 37	2 ^h 44	23 ^h 5	0 ^h 22	1 ^h 30	17 ^h 11	4 ^h 22	29 ^h 57	0 ^h 25	24 ^h 37	4 ^h 0	S 13
M14	23 29 57	20 ^h 39'41	29 ^h 53	16 ^h 21	8 ^h 45	3 ^h 23	23 ^h 18	0 ^h 30	1 ^h 33	17 ^h 13	4 ^h 21	29 ^h 57	0 ^h 22	24 ^h 43	4 ^h 4	M14
T 15	23 33 54	21 ^h 38'14	13 ^h 40	18 ^h 14	9 ^h 53	4 ^h 2	23 ^h 30	0 ^h 37	1 ^h 37	17 ^h 14	4 ^h 19	29 ^h 58	0 ^h 19	24 ^h 50	4 ^h 7	T 15
W16	23 37 50	22 ^h 36'48	27 ^h 41	20 ^h 7	11 ^h 1	4 ^h 42	23 ^h 42	0 ^h 44	1 ^h 41	17 ^h 16	4 ^h 18	29 ^h R58	0 ^h 15	24 ^h 57	4 ^h 11	W16
T 17	23 41 47	23 ^h 35'25	11 ^h 56	21 ^h 58	12 ^h 10	5 ^h 21	23 ^h 55	0 ^h 52	1 ^h 45	17 ^h 17	4 ^h 17	29 ^h 58	0 ^h 12	25 ^h 3	4 ^h 15	T 17
F 18	23 45 43	24 ^h 34'02	26 ^h 23	23 ^h 49	13 ^h 19	6 ^h 0	24 ^h 7	0 ^h 59	1 ^h 49	17 ^h 19	4 ^h 16	29 ^h 57	0 ^h 9	25 ^h 10	4 ^h 19	F 18
S 19	23 49 40	25 ^h 32'42	10 ^h 56	25 ^h 39	14 ^h 27	6 ^h 39	24 ^h 19	1 ^h 6	1 ^h 52	17 ^h 20	4 ^h 15	29 ^h 57	0 ^h 6	25 ^h 17	4 ^h 23	S 19
S 20	23 53 36	26 ^h 31'23	25 ^h 32	27 ^h 28	15 ^h 36	7 ^h 19	24 ^h 31	1 ^h 13	1 ^h 56	17 ^h 22	4 ^h 14	29 ^h 56	0 ^h 3	25 ^h 24	4 ^h 27	S 20
M21	23 57 33	27 ^h 30'06	10 ^h K 4	29 ^h 16	16 ^h 46	7 ^h 58	24 ^h 43	1 ^h 20	2 ^h 0	17 ^h 23	4 ^h 12	29 ^h 56	29 ^h K59	25 ^h 30	4 ^h 32	M21
T 22	0 1 30	28 ^h 28'50	24 ^h 27	1 ^h 3	17 ^h 55	8 ^h 37	24 ^h 55	1 ^h 27	2 ^h 4	17 ^h 25	4 ^h 11	29 ^h D56	29 ^h 56	25 ^h 37	4 ^h 36	T 22
W23	0 5 26	29 ^h 27'37	8 ^h Y35	2 ^h 49	19 ^h 4	9 ^h 17	25 ^h 7	1 ^h 34	2 ^h 7	17 ^h 27	4 ^h 10	29 ^h R56	29 ^h 53	25 ^h 44	4 ^h 40	W23
T 24	0 9 23	0 ^h 26'26	22 ^h 24	4 ^h 34	20 ^h 14	9 ^h 56	25 ^h 19	1 ^h 42	2 ^h 11	17 ^h 28	4 ^h 9	29 ^h 56	29 ^h 50	25 ^h 50	4 ^h 45	T 24
F 25	0 13 19	1 ^h 25'17	5 ^h K52	6 ^h 18	21 ^h 24	10 ^h 36	25 ^h 31	1 ^h 49	2 ^h 15	17 ^h 30	4 ^h 8	29 ^h 56	29 ^h 47	25 ^h 57	4 ^h 49	F 25
S 26	0 17 16	2 ^h 24'10	18 ^h 57	8 ^h 2	22 ^h 34	11 ^h 15	25 ^h 42	1 ^h 55	2 ^h 19	17 ^h 32	4 ^h 7	29 ^h 55	29 ^h 44	26 ^h 4	4 ^h 54	S 26
S 27	0 21 12	3 ^h 23'05	1 ^h K42	9 ^h 44	23 ^h 44	11 ^h 55	25 ^h 54	2 ^h 2	2 ^h 23	17 ^h 33	4 ^h 6	29 ^h 55	29 ^h 40	26 ^h 10	4 ^h 59	S 27
M28	0 25 9	4 ^h 22'03	14 ^h 8	11 ^h 26	24 ^h 54	12 ^h 34	26 ^h 6	2 ^h 9	2 ^h 26	17 ^h 35	4 ^h 5	29 ^h 55	29 ^h 37	26 ^h 17	5 ^h 4	M28
T 29	0 29 5	5 ^h 21'03	26 ^h 18	13 ^h 7	26 ^h 4	13 ^h 14	26 ^h 17	2 ^h 16	2 ^h 30	17 ^h 37	4 ^h 4	29 ^h 54	29 ^h 34	26 ^h 24	5 ^h 8	T 29
W30	0 33 2	6 ^h 20'05	8 ^h K18	14 ^h 46	27 ^h 14	13 ^h 54	26 ^h 29	2 ^h 23	2 ^h 34	17 ^h 39	4 ^h K 2	29 ^h D54	29 ^h K31	26 ^h 31	5 ^h 13	W30

Day	☉	☾		♂		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	8n34	28n 3	5n 8	15n 5	1n 6	19n46	1s33	2n44	0n48	15n19	0n42	13n 7	1n19	0n20	0n42	15s15	1n45	21s56	13s 3	0n 4	0n25	26n 9	16s19	4n38	
W 2	8 13	28 43	5 14	14 41	1 14	19 38	1 29	2 28	0 47	15 15	0 42	13 4	1 19	0 19	0 42	15 15	1 45	21 56	13 3	0 4	0 24	26 8	16 19	4 37	
T 3	7 51	28 2	5 8	14 13	1 22	19 30	1 25	2 12	0 47	15 11	0 42	13 2	1 19	0 17	0 42	15 15	1 45	21 57	13 3	0 3	0 23	26 6	16 20	4 37	
F 4	7 29	26 4	4 48	13 43	1 29	19 22	1 20	1 57	0 47	15 7	0 42	12 59	1 20	0 16	0 42	15 16	1 45	21 57	13 3	0 2	0 21	26 5	16 21	4 37	
S 5	7 6	22 58	4 16	13 10	1 34	19 13	1 16	1 41	0 46	15 3	0 42	12 57	1 20	0 14	0 42	15 16	1 45	21 58	13 3	0 1	0 20	26 3	16 22	4 36	
S 6	6 44	18 52	3 32	12 35	1 39	19 4	1 11	1 25	0 46	14 59	0 43	12 54	1 20	0 13	0 42	15 16	1 44	21 58	13 3	0s 1	0 19	26 2	16 23	4 36	
M 7	6 22	13 59	2 38	11 58	1 42	18 54	1 7	1 9	0 45	14 55	0 43	12 52	1 20	0 11	0 42	15 17	1 44	21 59	13 3	0 1	0 17	26 0	16 23	4 36	
T 8	5 59	8 30	1 37	11 20	1 45	18 43	1 3	0 53	0 45	14 51	0 43	12 49	1 20	0 10	0 42	15 17	1 44	21 59	13 3	0 2	0 16	25 59	16 24	4 36	
W 9	5 37	2 37	0 29	10 40	1 47	18 33	0 58	0 37	0 44	14 47	0 43	12 47	1 20	0 8	0 42	15 18	1 44	21 59	13 3	0 2	0 15	25 57	16 25	4 35	
T 10	5 14	3s28	0s40	9 58	1 48	18 21	0 54	0 21	0 44	14 43	0 43	12 44	1 20	0 7	0 42	15 18	1 44	22 0	13 3	0 2	0 14	25 55	16 26	4 35	
F 11	4 51	9 31	1 49	9 15	1 49	18 9	0 50	0 5	0 43	14 39	0 43	12 42	1 20	0 5	0 42	15 18	1 44	22 0	13 3	0 2	0 12	25 54	16 27	4 35	
S 12	4 28	15 16	2 53	8 31	1 48	17 57	0 45	0s11	0 43	14 35	0 43	12 39	1 20	0 4	0 42	15 19	1 44	22 1	13 3	0 2	0 11	25 52	16 28	4 35	
S 13	4 5	20 25	3 50	7 46	1 47	17 44	0 41	0 27	0 42	14 31	0 43	12 37	1 21	0 2	0 42	15 19	1 44	22 1	13 3	0 1	0 10	25 51	16 29	4 34	
M14	3 42	24 37	4 34	7 1	1 46	17 30	0 37	0 43	0 42	14 27	0 44	12 34	1 21	0 1	0 42	15 20	1 44	22 2	13 3	0 1	0 9	25 49	16 30	4 34	
T 15	3 19	27 30	5 4	6 14	1 43	17 16	0 33	0 59	0 41	14 23	0 44	12 32	1 21	0s 1	0 42	15 20	1 44	22 2	13 3	0 1	0 7	25 47	16 30	4 34	
W16	2 56	28 43	5 17	5 28	1 41	17 2	0 29	1 15	0 41	14 19	0 44	12 29	1 21	0 2	0 42	15 21	1 44	22 2	13 3	0 1	0 6	25 46	16 31	4 34	
T 17	2 33	28 4	5 10	4 41	1 37	16 47	0 24	1 31	0 40	14 15	0 44	12 27	1 21	0 4	0 42	15 21	1 44	22 3	13 3	0 1	0 5	25 44	16 32	4 33	
F 18	2 10	25 33	4 44	3 54	1 34	16 31	0 20	1 47	0 40	14 12	0 44	12 24	1 21	0 5	0 42	15 22	1 44	22 3	13 2	0 1	0 4	25 43	16 33	4 33	
S 19	1 46	21 21	3 59	3 6	1 30	16 15	0 16	2 3	0 39	14 8	0 44	12 22	1 21	0 7	0 42	15 22	1 44	22 3	13 2	0 1	0 2	25 41	16 34	4 33	
S 20	1 23	15 50	2 59	2 19	1 25	15 59	0 12	2 19	0 39	14 4	0 44	12 19	1 21	0 8	0 42	15 23	1 44	22 4	13 2	0 2	0 1	25 39	16 35	4 33	
M21	1 0	9 28	1 48	1 31	1 20	15 42	0 8	2 35	0 38	14 0	0 44	12 17	1 21	0 10	0 42	15 23	1 44	22 4	13 2	0 2	0s 0	25 38	16 36	4 33	
T 22	0 36	2 40	0 30	0 44	1 15	15 25	0 4	2 50	0 38	13 56	0 45	12 14	1 22	0 11	0 42	15 23	1 44	22 5	13 2	0 2	0 1	25 36	16 37	4 32	
W23	0 13	4n 9	0n48	0s 3	1 10	15 7	0 1	3 6	0 37	13 52	0 45	12 12	1 22	0 13	0 42	15 24	1 44	22 5	13 2	0 2	0 3	25 34	16 38	4 32	
T24	0s11	10 37	2 1	0 50	1 4	14 49	0n 3	3 22	0 37	13 48	0 45	12 10	1 22	0 14	0 42	15 24	1 44	22 5	13 2	0 2	0 4	25 33	16 39	4 32	
F 25	0 34	16 25	3 6	1 37	0 59	14 30	0 7	3 38	0 36	13 44	0 45	12 7	1 22	0 16	0 42	15 25	1 44	22 6	13 2	0 2	0 5	25 31	16 40	4 32	
S 26	0 57	21 19	4 0	2 23	0 53	14 11	0 11	3 54	0 36	13 40	0 45	12 5	1 22	0 17	0 42	15 26	1 44	22 6	13 2	0 2	0 7	25 29	16 41	4 32	
S 27	1 21	25 5	4 39	3 9	0 46	13 51	0 14	4 10	0 35	13 37	0 45	12 2	1 22	0 19	0 42	15 26	1 43	22 6	13 2	0 2	0 8	25 28	16 42	4 31	
M28	1 44	27 34	5 5	3 55	0 40	13 31	0 18	4 26	0 35	13 33	0 45	12 0	1 22	0 20	0 42	15 27	1 43	22 6	13 1	0 2	0 9	25 26	16 43	4 31	
T 29	2 8	28 41	5 16	4 40	0 33	13 11	0 22	4 42	0 34	13 29	0 46	11 58	1 23	0 22	0 42	15 27	1 43	22 7	13 1	0 2	0 10	25 24	16 44	4 31	
W30	2s31	28n25	5n13	5s25	0n27	12n50	0n25	4s58	0n34	13n25	0n46	11n55	1n23	0s23	0n42	15s28	1n43	22s 7	13s 1	0s 2	0s12	25n23	16s45	4n31	

ASTRODIENST EPHEMERIS for the year 1801
geocentric

OCTOBER 1801

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 36 58	7♌19°10	20♏12	16♊25	28♏25	14♊33	26♏40	2♐30	2♊38	17♌40	4♋1	29♋55	29♋28	26♏37	5♊18	T 1
F 2	0 40 55	8°18'17	2♏3	18°4	29°36	15°13	26°52	2°36	2°41	17°42	4♋0	29°55	29°25	26°44	5°23	F 2
S 3	0 44 52	9°17'26	13°58	19°41	0♐46	15°53	27°3	2°43	2°45	17°44	3°59	29°56	29°21	26°51	5°28	S 3
S 4	0 48 48	10°16'37	26°0	21°17	1°57	16°33	27°14	2°50	2°49	17°46	3°58	29°57	29°18	26°57	5°34	S 4
M 5	0 52 45	11°15'50	8♐12	22°53	3°8	17°13	27°25	2°56	2°53	17°48	3°57	29°58	29°15	27°4	5°39	M 5
T 6	0 56 41	12°15'06	20°38	24°28	4°19	17°53	27°36	3°3	2°56	17°50	3°57	29°59	29°12	27°11	5°44	T 6
W 7	1 0 38	13°14'24	3♏19	26°2	5°31	18°33	27°47	3°9	3°0	17°52	3°56	29°59	29°9	27°18	5°50	W 7
T 8	1 4 34	14°13'44	16°16	27°36	6°42	19°13	27°58	3°16	3°4	17°54	3°55	29°58	29°5	27°24	5°55	T 8
F 9	1 8 31	15°13'06	29°29	29°9	7°53	19°53	28°9	3°22	3°8	17°55	3°54	29°57	29°2	27°31	6°1	F 9
S 10	1 12 27	16°12'30	12♌57	0♌41	9°5	20°33	28°20	3°28	3°11	17°57	3°53	29°55	28°59	27°38	6°6	S 10
S 11	1 16 24	17°11'56	26°39	2°12	10°17	21°13	28°30	3°35	3°15	17°59	3°52	29°53	28°56	27°44	6°12	S 11
M 12	1 20 21	18°11'24	10♊31	3°43	11°28	21°53	28°41	3°41	3°19	18°1	3°51	29°50	28°53	27°51	6°17	M 12
T 13	1 24 17	19°10'54	24°32	5°13	12°40	22°33	28°51	3°47	3°23	18°3	3°50	29°48	28°50	27°58	6°23	T 13
W 14	1 28 14	20°10'25	8♊39	6°42	13°52	23°14	29°2	3°53	3°26	18°5	3°50	29°47	28°46	28°4	6°29	W 14
T 15	1 32 10	21°9'58	22°49	8°10	15°4	23°54	29°12	3°59	3°30	18°8	3°49	29°D46	28°43	28°11	6°35	T 15
F 16	1 36 7	22°9'33	7♊1	9°38	16°16	24°34	29°22	4°5	3°34	18°10	3°48	29°47	28°40	28°18	6°41	F 16
S 17	1 40 3	23°9'10	21°13	11°5	17°29	25°15	29°32	4°11	3°37	18°12	3°47	29°48	28°37	28°25	6°47	S 17
S 18	1 44 0	24°8'48	5♋22	12°32	18°41	25°55	29°42	4°17	3°41	18°14	3°46	29°50	28°34	28°31	6°53	S 18
M 19	1 47 56	25°8'28	19°25	13°57	19°53	26°35	29°52	4°22	3°44	18°16	3°46	29°51	28°30	28°38	6°59	M 19
T 20	1 51 53	26°8'10	3♐21	15°22	21°6	27°16	0♐2	4°28	3°48	18°18	3°45	29°R51	28°27	28°45	7°5	T 20
W 21	1 55 50	27°7'53	17°6	16°46	22°18	27°57	0°12	4°34	3°52	18°20	3°44	29°50	28°24	28°51	7°11	W 21
T 22	1 59 46	28°7'39	0♊38	18°9	23°31	28°37	0°22	4°39	3°55	18°22	3°44	29°48	28°21	28°58	7°17	T 22
F 23	2 3 43	29°7'26	13°53	19°31	24°44	29°18	0°31	4°45	3°59	18°24	3°43	29°44	28°18	29°5	7°23	F 23
S 24	2 7 39	0♌7'16	26°52	20°52	25°57	29°58	0°40	4°50	4°2	18°27	3°43	29°39	28°15	29°12	7°30	S 24
S 25	2 11 36	1°7'08	9♐33	22°12	27°10	0♌39	0°50	4°56	4°6	18°29	3°42	29°34	28°11	29°18	7°36	S 25
M 26	2 15 32	2°7'02	21°58	23°32	28°23	1°20	0°59	5°1	4°9	18°31	3°41	29°28	28°8	29°25	7°42	M 26
T 27	2 19 29	3°6'58	4♏9	24°49	29°36	2°1	1°8	5°6	4°13	18°33	3°41	29°24	28°5	29°32	7°49	T 27
W 28	2 23 25	4°6'56	16°9	26°6	0♊49	2°42	1°17	5°11	4°16	18°35	3°40	29°20	28°2	29°38	7°55	W 28
T 29	2 27 22	5°6'56	28°2	27°21	2°2	3°22	1°26	5°16	4°19	18°37	3°40	29°19	27°59	29°45	8°2	T 29
F 30	2 31 19	6°6'59	9♏53	28°35	3°15	4°3	1°35	5°21	4°23	18°40	3°39	29°D18	27°56	29°52	8°8	F 30
S 31	2 35 15	7♌7'03	21♏47	29♌47	4♊29	4♌44	1♐43	5♐26	4♊26	18♌42	3♋39	29♋19	27♋52	29♏58	8♊15	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	2s54	26n51	4n57	6s9	0n20	12n29	0n29	5s14	0n33	13n21	0n46	11n53	1n23	0s25	0n42	15s28	1n43	22s7	13s1	0s2	0s13	25n21	16s46	4n31							
F 2	3 18	24 5	4 29	6 53	0 13	12 8	0 32	5 30	0 33	13 18	0 46	11 51	1 23	0 26	0 42	15 29	1 43	22 7	13 1	0 2	0 14	25 19	16 47	4 30							
S 3	3 41	20 17	3 48	7 37	0 6	11 46	0 35	5 45	0 32	13 14	0 46	11 49	1 23	0 28	0 42	15 29	1 43	22 8	13 1	0 2	0 15	25 17	16 48	4 30							
S 4	4 4	15 39	2 57	8 19	0s1	11 23	0 38	6 1	0 32	13 10	0 46	11 46	1 23	0 29	0 42	15 30	1 43	22 8	13 1	0 1	0 17	25 16	16 50	4 30							
M 5	4 28	10 19	1 58	9 2	0 8	11 1	0 42	6 17	0 31	13 7	0 47	11 44	1 23	0 31	0 42	15 30	1 43	22 8	13 0	0 1	0 18	25 14	16 51	4 30							
T 6	4 51	4 30	0 51	9 43	0 15	10 38	0 45	6 33	0 31	13 3	0 47	11 42	1 24	0 32	0 42	15 31	1 43	22 8	13 0	0 1	0 19	25 12	16 52	4 30							
W 7	5 14	1s36	0s18	10 24	0 22	10 15	0 48	6 48	0 30	12 59	0 47	11 40	1 24	0 34	0 42	15 31	1 43	22 9	13 0	0 0	0 20	25 11	16 53	4 30							
T 8	5 37	7 46	1 29	11 5	0 29	9 51	0 51	7 4	0 30	12 56	0 47	11 38	1 24	0 35	0 42	15 32	1 43	22 9	13 0	0 1	0 22	25 9	16 54	4 29							
F 9	6 0	13 44	2 36	11 44	0 36	9 27	0 54	7 20	0 29	12 52	0 47	11 35	1 24	0 37	0 42	15 33	1 43	22 9	13 0	0 1	0 23	25 7	16 55	4 29							
S 10	6 23	19 10	3 35	12 23	0 43	9 3	0 56	7 35	0 29	12 49	0 47	11 33	1 24	0 38	0 42	15 33	1 43	22 9	13 0	0 2	0 24	25 5	16 56	4 29							
S 11	6 46	23 42	4 24	13 2	0 50	8 38	0 59	7 51	0 28	12 45	0 47	11 31	1 24	0 40	0 42	15 34	1 43	22 9	12 59	0 3	0 26	25 3	16 57	4 29							
M 12	7 8	26 57	4 57	13 39	0 57	8 13	1 2	8 6	0 28	12 41	0 48	11 29	1 25	0 41	0 42	15 34	1 43	22 9	12 59	0 4	0 27	25 2	16 58	4 29							
T 13	7 31	28 35	5 14	14 16	1 3	7 48	1 5	8 22	0 27	12 38	0 48	11 27	1 25	0 42	0 42	15 35	1 43	22 10	12 59	0 5	0 28	25 0	16 59	4 29							
W 14	7 54	28 22	5 11	14 52	1 10	7 23	1 7	8 37	0 27	12 34	0 48	11 25	1 25	0 44	0 42	15 36	1 43	22 10	12 59	0 5	0 29	24 58	17 0	4 29							
T 15	8 16	26 18	4 50	15 28	1 17	6 57	1 9	8 53	0 26	12 31	0 48	11 23	1 25	0 45	0 42	15 36	1 43	22 10	12 59	0 5	0 31	24 56	17 1	4 28							
F 16	8 38	22 35	4 11	16 2	1 23	6 32	1 12	9 8	0 26	12 28	0 48	11 21	1 25	0 47	0 42	15 37	1 43	22 10	12 58	0 5	0 32	24 54	17 3	4 28							
S 17	9 1	17 33	3 17	16 36	1 30	6 5	1 14	9 23	0 25	12 24	0 49	11 19	1 25	0 48	0 42	15 37	1 43	22 10	12 58	0 5	0 33	24 53	17 4	4 28							
S 18	9 23	11 35	2 11	17 8	1 36	5 39	1 16	9 39	0 25	12 21	0 49	11 17	1 26	0 50	0 42	15 38	1 43	22 10	12 58	0 4	0 34	24 51	17 5	4 28							
M 19	9 44	5 4	0 57	17 40	1 42	5 13	1 19	9 54	0 24	12 18	0 49	11 15	1 26	0 51	0 42	15 39	1 43	22 10	12 58	0 4	0 36	24 49	17 6	4 28							
T 20	10 6	1n38	0n19	18 11	1 48	4 46	1 21	10 9	0 23	12 14	0 49	11 13	1 26	0 53	0 42	15 39	1 43	22 10	12 58	0 4	0 37	24 47	17 7	4 28							
W 21	10 28	8 10	1 33	18 41	1 54	4 19	1 23	10 24	0 23	12 11	0 49	11 11	1 26	0 54	0 42	15 40	1 43	22 10	12 57	0 4	0 38	24 45	17 8	4 28							
T 22	10 49	14 13	2 41	19 10	2 0	3 52	1 24	10 39	0 22	12 8	0 49	11 9	1 26	0 55	0 42	15 40	1 43	22 10	12 57	0 5	0 39	24 43	17 9	4 28							
F 23	11 11	19 29	3 38	19 39	2 5	3 25	1 26	10 54	0 22	12 5	0 50	11 7	1 27	0 57	0 42	15 41	1 43	22 10	12 57	0 6	0 41	24 42	17 10	4 28							
S 24	11 32	23 44	4 22	20 6	2 11	2 58	1 28	11 9	0 21	12 1	0 50	11 6	1 27	0 58	0 42	15 42	1 43	22 10	12 57	0 8	0 42	24 40	17 11	4 27							
S 25	11 53	26 44	4 53	20 32	2 16	2 30	1 30	11 23	0 21	11 58	0 50	11 4	1 27	0 59	0 42	15 42	1 43	22 10	12 56	0 11	0 43	24 38	17 12	4 27							
M 26	12 13	28 22	5 9	20 56	2 20	2 2	1 31	11 38	0 20	11 55	0 50	11 2	1 27	1 1	0 42	15 43	1 43	22 10	12 56	0 13	0 45	24 36	17 13	4 27							
T 27	12 34	28 34	5 10	21 20	2 25	1 35	1 33	11 53	0 20	11 52	0 50	11 0	1 27	1 2	0 42	15 43	1 43	22 10	12 56	0 14	0 46	24 34	17 14	4 27							
W 28	12 54	27 25	4 58	21 43	2 29	1 7	1 34	12 7	0 19	11 49	0 51	10 59	1 28	1 4	0 42	15 44	1 43	22 10	12 56	0 16	0 47	24 32	17 15	4 27							
T 29	13 15	25 2	4 33	22 4	2 33	0 39	1 35	12 22	0 19	11 46	0 51	10 57	1 28	1 5	0 42	15 45	1 43	22 10	12 56	0 16	0 48	24 30	17 17	4 27							
F 30	13 35	21 36	3 57	22 24	2 36	0 11	1 37	12 36	0 18	11 43	0 51	10 55	1 28	1 6	0 42	15 45	1 43	22 10	12 55	0 17	0 50	24 28	17 18	4 27							
S 31	13s54	17n15	3n10	22s43	2s39	0s17	1n38	12s51	0n17	11n40	0n51	10n54	1n28	1s8	0n42	15s46	1n43	22s10	12s55	0s16	0s51	24n26	17s19	4n27							

ASTRODIENST EPHEMERIS for the year 1801

geocentric

NOVEMBER 1801

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 39 12	8♉ 7°10	3♊49	0♈57	5♎42	5♉25	1♊52	5♊31	4♎29	18♉44	3°R38	29♈21	27♈49	0♉ 5	8♈21	S 1
M 2	2 43 8	9° 7'19	16° 4	2° 5	6°56	6° 6	2° 0	5°36	4°33	18°46	3♈38	29°23	27°46	0°12	8°28	M 2
T 3	2 47 5	10° 7'29	28°35	3°10	8° 9	6°48	2° 8	5°40	4°36	18°49	3°38	29°R23	27°43	0°19	8°35	T 3
W 4	2 51 1	11° 7'42	11♌27	4°13	9°23	7°29	2°16	5°45	4°39	18°51	3°37	29°23	27°40	0°25	8°41	W 4
T 5	2 54 58	12° 7'57	24°40	5°13	10°36	8°10	2°24	5°49	4°42	18°53	3°37	29°20	27°36	0°32	8°48	T 5
F 6	2 58 54	13° 8'13	8♉16	6°10	11°50	8°51	2°32	5°54	4°46	18°55	3°37	29°15	27°33	0°39	8°55	F 6
S 7	3 2 51	14° 8'32	22°10	7° 3	13° 4	9°33	2°40	5°58	4°49	18°57	3°36	29° 9	27°30	0°45	9° 2	S 7
S 8	3 6 48	15° 8'52	6♈21	7°52	14°18	10°14	2°48	6° 2	4°52	19° 0	3°36	29° 1	27°27	0°52	9° 9	S 8
M 9	3 10 44	16° 9'14	20°42	8°37	15°32	10°55	2°55	6° 7	4°55	19° 2	3°36	28°53	27°24	0°59	9°15	M 9
T 10	3 14 41	17° 9'37	5♈ 7	9°16	16°46	11°37	3° 2	6°11	4°58	19° 4	3°36	28°46	27°21	1° 5	9°22	T 10
W11	3 18 37	18°10'02	19°32	9°49	18° 0	12°18	3° 9	6°15	5° 1	19° 6	3°36	28°41	27°17	1°12	9°29	W11
T 12	3 22 34	19°10'28	3♌51	10°16	19°14	13° 0	3°17	6°19	5° 4	19° 9	3°35	28°38	27°14	1°19	9°36	T 12
F 13	3 26 30	20°10'56	18° 1	10°35	20°28	13°41	3°23	6°22	5° 7	19°11	3°35	28°D37	27°11	1°26	9°43	F 13
S 14	3 30 27	21°11'24	2♈ 2	10°47	21°42	14°23	3°30	6°26	5°10	19°13	3°35	28°37	27° 8	1°32	9°50	S 14
S 15	3 34 23	22°11'54	15°52	10°R50	22°56	15° 5	3°37	6°30	5°13	19°15	3°35	28°38	27° 5	1°39	9°57	S 15
M16	3 38 20	23°12'25	29°32	10°43	24°10	15°46	3°43	6°33	5°16	19°18	3°35	28°R39	27° 2	1°46	10° 4	M16
T 17	3 42 17	24°12'57	13♉ 1	10°27	25°25	16°28	3°50	6°37	5°19	19°20	3°35	28°38	26°58	1°52	10°11	T 17
W18	3 46 13	25°13'31	26°20	10° 0	26°39	17°10	3°56	6°40	5°21	19°22	3°D35	28°34	26°55	1°59	10°18	W18
T 19	3 50 10	26°14'06	9♈29	9°23	27°53	17°52	4° 2	6°43	5°24	19°24	3°35	28°28	26°52	2° 6	10°25	T 19
F 20	3 54 6	27°14'43	22°25	8°35	29° 8	18°33	4° 8	6°46	5°27	19°27	3°35	28°20	26°49	2°12	10°32	F 20
S 21	3 58 3	28°15'21	5♉ 9	7°37	0♉22	19°15	4°13	6°49	5°29	19°29	3°35	28° 9	26°46	2°19	10°40	S 21
S 22	4 1 59	29°16'00	17°41	6°30	1°37	19°57	4°19	6°52	5°32	19°31	3°35	27°57	26°42	2°26	10°47	S 22
M23	4 5 56	0♈16'41	29°59	5°16	2°51	20°39	4°24	6°55	5°35	19°33	3°35	27°46	26°39	2°33	10°54	M23
T 24	4 9 52	1°17'23	12♌ 7	3°57	4° 6	21°21	4°29	6°58	5°37	19°36	3°36	27°35	26°36	2°39	11° 1	T 24
W25	4 13 49	2°18'07	24° 5	2°35	5°20	22° 3	4°34	7° 0	5°40	19°38	3°36	27°26	26°33	2°46	11° 8	W25
T 26	4 17 46	3°18'52	5♉57	1°13	6°35	22°46	4°39	7° 3	5°42	19°40	3°36	27°20	26°30	2°53	11°15	T 26
F 27	4 21 42	4°19'39	17°46	29♉53	7°50	23°28	4°44	7° 5	5°45	19°42	3°36	27°16	26°27	2°59	11°23	F 27
S 28	4 25 39	5°20'27	29°37	28°39	9° 4	24°10	4°48	7° 8	5°47	19°44	3°36	27°14	26°23	3° 6	11°30	S 28
S 29	4 29 35	6°21'17	11♊36	27°33	10°19	24°52	4°53	7°10	5°49	19°47	3°37	27°D14	26°20	3°13	11°37	S 29
M30	4 33 32	7♈22'08	23♊48	26♉36	11♉34	25♉35	4♊57	7♊12	5♎52	19♉49	3♈37	27°R15	26♈17	3♉19	11♈44	M30

Day	☉	☾	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s14	12n12	2n14	23s 1	2s42	0s45	1n39	13s 5	0n17	11n38	0n51	10n52	1n28	1s 9	0n42	15s46	1n43	22s10	12s55	0s15	0s52	24n24	17s20	4n27	
M 2	14 33	6 36	1 12	23 17	2 44	1 14	1 40	13 19	0 16	11 35	0 52	10 51	1 29	1 10	0 42	15 47	1 43	22 10	12 55	0 15	0 53	24 23	17 21	4 27	
T 3	14 52	0 38	0 4	23 31	2 46	1 42	1 41	13 33	0 16	11 32	0 52	10 49	1 29	1 11	0 42	15 48	1 43	22 10	12 54	0 15	0 55	24 21	17 22	4 27	
W 4	15 11	5s32	1s 5	23 44	2 47	2 10	1 41	13 47	0 15	11 29	0 52	10 48	1 29	1 13	0 42	15 48	1 43	22 10	12 54	0 15	0 56	24 19	17 23	4 27	
T 5	15 30	11 37	2 13	23 56	2 47	2 38	1 42	14 1	0 15	11 27	0 52	10 46	1 29	1 14	0 42	15 49	1 43	22 10	12 54	0 16	0 57	24 17	17 24	4 27	
F 6	15 48	17 20	3 14	24 6	2 47	3 7	1 43	14 15	0 14	11 24	0 52	10 45	1 29	1 15	0 42	15 50	1 42	22 10	12 53	0 18	0 58	24 15	17 25	4 27	
S 7	16 6	22 18	4 6	24 14	2 46	3 35	1 43	14 28	0 13	11 21	0 53	10 43	1 30	1 16	0 42	15 50	1 42	22 9	12 53	0 20	1 0	24 13	17 26	4 27	
S 8	16 24	26 3	4 44	24 20	2 44	4 3	1 44	14 42	0 13	11 19	0 53	10 42	1 30	1 18	0 42	15 51	1 42	22 9	12 53	0 23	1 1	24 11	17 27	4 27	
M 9	16 41	28 12	5 4	24 25	2 41	4 31	1 44	14 56	0 12	11 16	0 53	10 41	1 30	1 19	0 42	15 51	1 42	22 9	12 53	0 27	1 2	24 9	17 28	4 27	
T 10	16 59	28 27	5 5	24 27	2 37	4 59	1 44	15 9	0 12	11 14	0 53	10 39	1 30	1 20	0 42	15 52	1 42	22 9	12 52	0 29	1 3	24 7	17 29	4 27	
W11	17 16	26 47	4 47	24 28	2 32	5 27	1 45	15 22	0 11	11 11	0 54	10 38	1 31	1 21	0 42	15 53	1 42	22 9	12 52	0 31	1 5	24 5	17 30	4 27	
T 12	17 32	23 23	4 11	24 26	2 26	5 55	1 45	15 35	0 11	11 9	0 54	10 37	1 31	1 22	0 42	15 53	1 42	22 9	12 52	0 33	1 6	24 3	17 31	4 27	
F 13	17 49	18 37	3 20	24 21	2 19	6 23	1 45	15 48	0 10	11 7	0 54	10 36	1 31	1 24	0 42	15 54	1 42	22 8	12 52	0 33	1 7	24 1	17 32	4 27	
S 14	18 5	12 54	2 18	24 15	2 11	6 51	1 45	16 1	0 9	11 5	0 54	10 34	1 31	1 25	0 42	15 54	1 42	22 8	12 51	0 33	1 9	23 59	17 33	4 27	
S 15	18 20	6 37	1 8	24 5	2 1	7 18	1 45	16 14	0 9	11 2	0 55	10 33	1 31	1 26	0 42	15 55	1 42	22 8	12 51	0 33	1 10	23 57	17 34	4 27	
M16	18 36	0 7	0n 5	23 53	1 49	7 46	1 44	16 27	0 8	11 0	0 55	10 32	1 32	1 27	0 42	15 56	1 42	22 8	12 51	0 32	1 11	23 55	17 35	4 27	
T 17	18 51	6n19	1 16	23 38	1 36	8 13	1 44	16 39	0 8	10 58	0 55	10 31	1 32	1 28	0 42	15 56	1 42	22 7	12 51	0 33	1 12	23 53	17 36	4 27	
W18	19 6	12 23	2 23	23 19	1 21	8 40	1 44	16 52	0 7	10 56	0 55	10 30	1 32	1 29	0 42	15 57	1 42	22 7	12 50	0 34	1 14	23 51	17 37	4 27	
T 19	19 20	17 49	3 20	22 57	1 5	9 7	1 43	17 4	0 7	10 54	0 55	10 29	1 32	1 30	0 42	15 57	1 42	22 7	12 50	0 37	1 15	23 49	17 38	4 27	
F 20	19 34	22 22	4 6	22 33	0 48	9 34	1 43	17 16	0 6	10 52	0 56	10 28	1 33	1 31	0 42	15 58	1 42	22 7	12 50	0 40	1 16	23 47	17 39	4 27	
S 21	19 48	25 46	4 39	22 5	0 29	10 1	1 42	17 28	0 5	10 50	0 56	10 27	1 33	1 32	0 42	15 59	1 42	22 6	12 49	0 44	1 17	23 45	17 39	4 27	
S 22	20 1	27 51	4 58	21 34	0 9	10 27	1 42	17 40	0 5	10 49	0 56	10 26	1 33	1 33	0 42	15 59	1 43	22 6	12 49	0 49	1 19	23 43	17 40	4 28	
M23	20 14	28 31	5 3	21 1	0n11	10 54	1 41	17 52	0 4	10 47	0 56	10 26	1 33	1 34	0 42	16 0	1 43	22 6	12 49	0 54	1 20	23 41	17 41	4 28	
T 24	20 27	27 47	4 53	20 26	0 32	11 20	1 40	18 4	0 4	10 45	0 57	10 25	1 34	1 35	0 42	16 0	1 43	22 5	12 49	0 58	1 21	23 38	17 42	4 28	
W25	20 39	25 46	4 31	19 51	0 52	11 45	1 39	18 15	0 3	10 44	0 57	10 24	1 34	1 36	0 42	16 1	1 43	22 5	12 48	1 1	1 22	23 36	17 43	4 28	
T 26	20 51	22 38	3 58	19 16	1 11	12 11	1 38	18 27	0 2	10 42	0 57	10 23	1 34	1 37	0 42	16 2	1 43	22 5	12 48	1 4	1 24	23 34	17 44	4 28	
F 27	21 2	18 36	3 14	18 41	1 30	12 36	1 37	18 38	0 2	10 41	0 57	10 23	1 34	1 38	0 42	16 2	1 43	22 4	12 48	1 5	1 25	23 32	17 45	4 28	
S 28	21 13	13 49	2 21	18 10	1 46	13 1	1 36	18 49	0 1	10 39	0 58	10 22	1 35	1 39	0 42	16 3	1 43	22 4	12 47	1 6	1 26	23 30	17 46	4 28	
S 29	21 24	8 29	1 22	17 41	2 1	13 25	1 35	19 0	0 1	10 38	0 58	10 21	1 35	1 40	0 42	16 3	1 43	22 4	12 47	1 6	1 27	23 28	17 46	4 28	
M30	21s34	2n45	0n18	17s16	2n13	13s50	1n34	19s11	0s 0	10n37	0n58	10n21	1n35	1s41	0n43	16s 4	1n43	22s 3	12s47	1s 6	1s29	23n26	17s47	4n28	

ASTRODIENST EPHEMERIS for the year 1801
geocentric

DECEMBER 1801

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 37 28	8♂23'01	6♂19	25°R50	12♂48	26♂17	5♂1 1	7♂14	5♂54	19♂51	3♂37	27°R14	26♂14	3♂26	11♂51	T 1
W 2	4 41 25	9°23'54	19°12	25♂15	14° 3	26°59	5° 5	7°16	5°56	19°53	3°38	27♂12	26°11	3°33	11°59	W 2
T 3	4 45 21	10°24'49	2♂32	24°51	15°18	27°42	5° 9	7°18	5°58	19°55	3°38	27° 8	26° 8	3°40	12° 6	T 3
F 4	4 49 18	11°25'46	16°19	24°39	16°33	28°24	5°12	7°19	6° 0	19°57	3°38	27° 0	26° 4	3°46	12°13	F 4
S 5	4 53 15	12°26'44	0♂32	24°D37	17°48	29° 7	5°15	7°21	6° 2	20° 0	3°39	26°51	26° 1	3°53	12°20	S 5
S 6	4 57 11	13°27'42	15° 6	24°46	19° 3	29°49	5°19	7°22	6° 4	20° 2	3°39	26°39	25°58	4° 0	12°27	S 6
M 7	5 1 8	14°28'42	29°54	25° 4	20°18	0♂32	5°22	7°24	6° 6	20° 4	3°40	26°27	25°55	4° 6	12°35	M 7
T 8	5 5 4	15°29'43	14♂348	25°30	21°33	1°15	5°24	7°25	6° 8	20° 6	3°40	26°16	25°52	4°13	12°42	T 8
W 9	5 9 1	16°30'44	29°38	26° 4	22°48	1°58	5°27	7°26	6°10	20° 8	3°41	26° 8	25°48	4°20	12°49	W 9
T 10	5 12 57	17°31'46	14♂17	26°45	24° 3	2°40	5°29	7°27	6°12	20°10	3°41	26° 2	25°45	4°26	12°56	T 10
F 11	5 16 54	18°32'48	28°40	27°33	25°18	3°23	5°31	7°28	6°14	20°12	3°42	25°58	25°42	4°33	13° 3	F 11
S 12	5 20 51	19°33'51	12♂44	28°25	26°33	4° 6	5°33	7°29	6°15	20°14	3°43	25°57	25°39	4°40	13°11	S 12
S 13	5 24 47	20°34'54	26°29	29°22	27°48	4°49	5°35	7°29	6°17	20°16	3°43	25°57	25°36	4°46	13°18	S 13
M14	5 28 44	21°35'57	9♂57	0♂23	29° 3	5°32	5°37	7°30	6°19	20°18	3°44	25°57	25°33	4°53	13°25	M14
T 15	5 32 40	22°37'01	23°10	1°28	0♂18	6°15	5°38	7°30	6°20	20°20	3°45	25°55	25°29	5° 0	13°32	T 15
W16	5 36 37	23°38'05	6♂ 9	2°36	1°33	6°58	5°40	7°31	6°22	20°22	3°45	25°50	25°26	5° 7	13°39	W16
T 17	5 40 33	24°39'10	18°56	3°47	2°48	7°41	5°41	7°31	6°23	20°24	3°46	25°42	25°23	5°13	13°46	T 17
F 18	5 44 30	25°40'15	1♂33	5° 0	4° 3	8°24	5°42	7°31	6°24	20°26	3°47	25°31	25°20	5°20	13°53	F 18
S 19	5 48 26	26°41'20	14° 0	6°15	5°18	9° 7	5°42	7°R31	6°26	20°28	3°48	25°18	25°17	5°27	14° 0	S 19
S 20	5 52 23	27°42'26	26°18	7°33	6°33	9°50	5°43	7°31	6°27	20°30	3°48	25° 4	25°14	5°33	14° 7	S 20
M21	5 56 20	28°43'32	8♂27	8°51	7°48	10°34	5°43	7°31	6°28	20°32	3°49	24°49	25°10	5°40	14°14	M21
T 22	6 0 16	29°44'39	20°28	10°12	9° 3	11°17	5°R43	7°30	6°29	20°33	3°50	24°35	25° 7	5°47	14°21	T 22
W23	6 4 13	0♂35'46	2♂22	11°33	10°19	12° 0	5°43	7°30	6°31	20°35	3°51	24°23	25° 4	5°53	14°28	W23
T 24	6 8 9	1°46'54	14°12	12°56	11°34	12°44	5°43	7°30	6°32	20°37	3°52	24°15	25° 1	6° 0	14°35	T 24
F 25	6 12 6	2°48'02	26° 0	14°19	12°49	13°27	5°42	7°29	6°33	20°39	3°53	24° 9	24°58	6° 7	14°42	F 25
S 26	6 16 2	3°49'11	7♂50	15°44	14° 4	14°10	5°42	7°28	6°34	20°41	3°54	24° 6	24°54	6°13	14°49	S 26
S 27	6 19 59	4°50'20	19°47	17° 9	15°19	14°54	5°41	7°27	6°34	20°42	3°55	24°D 5	24°51	6°20	14°56	S 27
M28	6 23 55	5°51'29	1♂55	18°36	16°35	15°37	5°40	7°26	6°35	20°44	3°56	24°R 5	24°48	6°27	15° 3	M28
T 29	6 27 52	6°52'39	14°21	20° 2	17°50	16°21	5°38	7°25	6°36	20°46	3°57	24° 5	24°45	6°34	15°10	T 29
W30	6 31 49	7°53'49	27° 9	21°30	19° 5	17° 5	5°37	7°24	6°37	20°48	3°58	24° 3	24°42	6°40	15°17	W30
T 31	6 35 45	8♂55'00	10♂24	22♂58	20♂20	17♂48	5♂35	7♂23	6♂38	20♂49	3♂59	23♂59	24♂39	6♂47	15♂23	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
T 1	21s44	3s15	0s48	16s55	2n23	14s14	1n33	19s21	0s 1	10n35	0n58	10n20	1n35	1s42	0n43	16s 4	1n43	22s 3	12s47	1s 6	1s30	23n24	17s48	4n29					
W 2	21 53	9 17	1 54	16 39	2 31	14 37	1 31	19 32	0 1	10 34	0 59	10 20	1 36	1 42	0 43	16 5	1 43	22 3	12 46	1 7	1 31	23 22	17 49	4 29					
T 3	22 2	15 6	2 55	16 28	2 37	15 0	1 30	19 42	0 2	10 33	0 59	10 19	1 36	1 43	0 43	16 6	1 43	22 2	12 46	1 9	1 33	23 20	17 50	4 29					
F 4	22 11	20 23	3 49	16 21	2 41	15 23	1 29	19 52	0 3	10 32	0 59	10 19	1 36	1 44	0 43	16 6	1 43	22 2	12 46	1 11	1 34	23 17	17 50	4 29					
S 5	22 19	24 41	4 30	16 19	2 43	15 46	1 27	20 2	0 3	10 31	0 59	10 19	1 36	1 45	0 43	16 7	1 43	22 1	12 46	1 15	1 35	23 15	17 51	4 29					
S 6	22 27	27 31	4 55	16 20	2 43	16 8	1 25	20 12	0 4	10 30	1 0	10 18	1 37	1 46	0 43	16 7	1 43	22 1	12 45	1 20	1 36	23 13	17 52	4 29					
M 7	22 34	28 28	5 0	16 26	2 42	16 30	1 24	20 21	0 4	10 29	1 0	10 18	1 37	1 46	0 43	16 8	1 43	22 1	12 45	1 25	1 38	23 11	17 53	4 29					
T 8	22 41	27 22	4 45	16 34	2 40	16 51	1 22	20 31	0 5	10 28	1 0	10 18	1 37	1 47	0 43	16 8	1 43	22 0	12 45	1 29	1 39	23 9	17 53	4 30					
W 9	22 47	24 21	4 11	16 45	2 37	17 12	1 20	20 40	0 6	10 28	1 1	10 18	1 37	1 48	0 43	16 9	1 43	22 0	12 44	1 33	1 40	23 7	17 54	4 30					
T 10	22 53	19 46	3 21	16 58	2 33	17 32	1 19	20 49	0 6	10 27	1 1	10 18	1 38	1 48	0 43	16 9	1 43	21 59	12 44	1 35	1 41	23 5	17 55	4 30					
F 11	22 58	14 7	2 19	17 14	2 28	17 52	1 17	20 58	0 7	10 27	1 1	10 17	1 38	1 49	0 43	16 10	1 43	21 59	12 44	1 36	1 43	23 2	17 55	4 30					
S 12	23 3	7 51	1 9	17 31	2 23	18 11	1 15	21 7	0 7	10 26	1 1	10 17	1 38	1 50	0 43	16 10	1 43	21 58	12 44	1 37	1 44	23 0	17 56	4 30					
S 13	23 8	1 21	0n 3	17 49	2 17	18 30	1 13	21 15	0 8	10 26	1 2	10 17	1 38	1 50	0 43	16 11	1 43	21 58	12 43	1 37	1 45	22 58	17 57	4 31					
M14	23 12	5n 4	1 13	18 8	2 10	18 49	1 11	21 24	0 9	10 25	1 2	10 17	1 39	1 51	0 43	16 11	1 43	21 57	12 43	1 37	1 46	22 56	17 57	4 31					
T 15	23 16	11 9	2 18	18 28	2 3 19	7 1	9 21	32 0	9	10 25	1 2	10 17	1 39	1 52	0 43	16 12	1 43	21 57	12 43	1 38	1 48	22 54	17 58	4 31					
W16	23 19	16 39	3 15	18 49	1 56	19 24	1 7	21 40	0 10	10 25	1 2	10 18	1 39	1 52	0 43	16 12	1 43	21 56	12 43	1 39	1 49	22 51	17 59	4 31					
T 17	23 22	21 20	4 1	19 9	1 49	19 41	1 5	21 47	0 11	10 25	1 3	10 18	1 39	1 53	0 43	16 13	1 43	21 56	12 42	1 43	1 50	22 49	17 59	4 32					
F 18	23 24	24 58	4 34	19 30	1 41	19 57	1 3	21 55	0 11	10 25	1 3	10 18	1 40	1 53	0 43	16 13	1 43	21 55	12 42	1 47	1 51	22 47	18 0	4 32					
S 19	23 26	27 22	4 54	19 51	1 33	20 13	1 1	22 2	0 12	10 25	1 3	10 18	1 40	1 54	0 43	16 14	1 43	21 55	12 42	1 52	1 53	22 45	18 0	4 32					
S 20	23 27	28 24	4 59	20 11	1 25	20 28	0 58	22 9	0 13	10 25	1 3	10 18	1 40	1 54	0 43	16 14	1 43	21 54	12 42	1 58	1 54	22 42	18 1	4 32					
M21	23 28	28 2	4 51	20 32	1 17	20 43	0 56	22 16	0 13	10 25	1 4	10 19	1 40	1 55	0 43	16 15	1 43	21 54	12 41	2 4	1 55	22 40	18 1	4 33					
T 22	23 28	26 21	4 30	20 52	1 9	20 57	0 54	22 23	0 14	10 25	1 4	10 19	1 41	1 55	0 43	16 15	1 43	21 53	12 41	2 9	1 56	22 38	18 2	4 33					
W23	23 28	23 30	3 57	21 11	1 1	21 10	0 51	22 30	0 14	10 25	1 4	10 19	1 41	1 55	0 43	16 16	1 43	21 53	12 41	2 14	1 58	22 36	18 2	4 33					
T 24	23 27	19 41	3 14	21 30	0 53	21 23	0 49	22 36	0 15	10 26	1 5	10 20	1 41	1 56	0 43	16 16	1 43	21 52	12 41	2 17	1 59	22 34	18 3	4 33					
F 25	23 26	15 6	2 23	21 48	0 45	21 35	0 47	22 42	0 16	10 26	1 5	10 20	1 41	1 56	0 43	16 17	1 43	21 52	12 40	2 20	2 0	22 31	18 3	4 34					
S 26	23 25	9 57	1 25	22 5	0 37	21 47	0 44	22 48	0 16	10 27	1 5	10 21	1 42	1 57	0 43	16 17	1 43	21 51	12 40	2 21	2 2	22 29	18 4	4 34					
S 27	23 23	4 24	0 23	22 21	0 30	21 58	0 42	22 54	0 17	10 27	1 5	10 21	1 42	1 57	0 43	16 17	1 43	21 50	12 40	2 21	2 3	22 27	18 4	4 34					
M28	23 20	1s24	0s41	22 37	0 22	22 8	0 40	22 59	0 18	10 28	1 6	10 22	1 42	1 57	0 43	16 18	1 43	21 50	12 40	2 21	2 4	22 24	18 5	4 35					
T 29	23 17	7 17	1 45	22 51	0 14	22 18	0 37	23 4	0 18	10 29	1 6	10 23	1 42	1 57	0 44	16 18	1 43	21 49	12 40	2 21	2 5	22 22	18 5	4 35					
W30	23 14	13 3	2 46	23 5	0 7	22 27	0 35	23 9	0 19	10 29	1 6	10 23	1 43	1 58	0 44	16 19	1 43	21 49	12 39	2 22	2 7	22 20	18 6	4 35					
T 31	23s10	18s26	3s39	23s18	0s 1	22s35	0n32	23s14	0s20	10n30	1n 6	10n24	1n43	1s58	0n44	16s19	1n43	21s48	12s39	2s23	2s 8	22n18	18s 6	4n35					

Julian Day Number = 2379195.5, Delta T = 17.72 sec
Ecliptic obliquity = 23°28'03, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°58'28, Lahiri = 21°05'29