



Astrodienst Ephemeris Tables for the year 1761

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 1761
geocentric

JANUARY 1761

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	6 43 21	10 ³⁵ 57	12 ¹¹ 27	19 ¹⁵ 15	14 ⁵⁰ 50	8 ⁹ 9	26 ⁴⁴ 44	23 ¹⁰ 10	1 ²⁵ 25	21 ³⁵ 35	27 ⁴² 42	9 ¹¹ 11	7 ³¹ 31	18 ³³ 33	12 ¹⁰ 10	T 1
F 2	6 47 17	11 ⁵⁵ 07	24 ¹⁸ 18	19 ⁴⁵ 45	16 ³ 3	8 ⁵⁷ 57	26 ⁵⁷ 57	23 ¹⁴ 14	1 ²⁶ 26	21 ³⁴ 34	27 ⁴⁴ 44	9 ² 2	7 ²⁸ 28	18 ⁴⁰ 40	12 ¹⁴ 14	F 2
S 3	6 51 14	12 ⁵⁶ 19	6 ⁵ 5	20 ²¹ 21	17 ¹⁷ 17	9 ⁴⁴ 44	27 ⁹ 9	23 ¹⁸ 18	1 ²⁷ 27	21 ³³ 33	27 ⁴⁶ 46	9 ^{R 3} R 3	7 ²⁵ 25	18 ⁴⁷ 47	12 ¹⁸ 18	S 3
S 4	6 55 10	13 ⁵⁷ 30	17 ⁵¹ 51	21 ³ 3	18 ³⁰ 30	10 ³¹ 31	27 ²¹ 21	23 ²² 22	1 ²⁹ 29	21 ³² 32	27 ⁴⁸ 48	9 ² 2	7 ²² 22	18 ⁵³ 53	12 ²² 22	S 4
M 5	6 59 7	14 ⁵⁸ 41	29 ³⁹ 39	21 ⁴⁹ 49	19 ⁴⁴ 44	11 ¹⁸ 18	27 ³⁴ 34	23 ²⁶ 26	1 ³⁰ 30	21 ³⁰ 30	27 ⁵⁰ 50	9 ⁰ 0	7 ¹⁸ 18	19 ⁰ 0	12 ²⁶ 26	M 5
T 6	7 3 4	15 ⁵⁹ 52	11 ³³ 33	22 ⁴⁰ 40	20 ⁵⁷ 57	12 ⁶ 6	27 ⁴⁶ 46	23 ³⁰ 30	1 ³¹ 31	21 ²⁹ 29	27 ⁵² 52	8 ⁵⁶ 56	7 ¹⁵ 15	19 ⁷ 7	12 ³¹ 31	T 6
W 7	7 7 0	17 ¹ 02	23 ³³ 33	23 ³⁵ 35	22 ¹⁰ 10	12 ⁵³ 53	27 ⁵⁹ 59	23 ³⁵ 35	1 ³³ 33	21 ²⁸ 28	27 ⁵⁴ 54	8 ⁵⁰ 50	7 ¹² 12	19 ¹³ 13	12 ³⁵ 35	W 7
T 8	7 10 57	18 ² 13	5 ⁴² 42	24 ³³ 33	23 ²⁴ 24	13 ⁴¹ 41	28 ¹² 12	23 ³⁹ 39	1 ³⁴ 34	21 ²⁶ 26	27 ⁵⁷ 57	8 ⁴³ 43	7 ⁹ 9	19 ²⁰ 20	12 ³⁹ 39	T 8
F 9	7 14 53	19 ³ 23	18 ⁰ 0	25 ³⁵ 35	24 ³⁷ 37	14 ²⁸ 28	28 ²⁴ 24	23 ⁴⁴ 44	1 ³⁶ 36	21 ²⁵ 25	27 ⁵⁹ 59	8 ³⁵ 35	7 ⁶ 6	19 ²⁶ 26	12 ⁴³ 43	F 9
S 10	7 18 50	20 ⁴ 32	0 ²⁸ 28	26 ³⁹ 39	25 ⁵⁰ 50	15 ¹⁵ 15	28 ³⁷ 37	23 ⁴⁸ 48	1 ³⁷ 37	21 ²⁴ 24	28 ¹ 1	8 ²⁷ 27	7 ³ 3	19 ³³ 33	12 ⁴⁸ 48	S 10
S 11	7 22 46	21 ⁵ 41	13 ⁹ 9	27 ⁴⁶ 46	27 ³ 3	16 ³ 3	28 ⁵⁰ 50	23 ⁵³ 53	1 ³⁹ 39	21 ²² 22	28 ³ 3	8 ²¹ 21	6 ⁵⁹ 59	19 ⁴⁰ 40	12 ⁵² 52	S 11
M 12	7 26 43	22 ⁶ 49	26 ³ 3	28 ⁵⁵ 55	28 ¹⁶ 16	16 ⁵⁰ 50	29 ³ 3	23 ⁵⁷ 57	1 ⁴⁰ 40	21 ²¹ 21	28 ⁵ 5	8 ¹⁵ 15	6 ⁵⁶ 56	19 ⁴⁶ 46	12 ⁵⁶ 56	M 12
T 13	7 30 39	23 ⁷ 56	9 ¹² 12	0 ³ 6	29 ²⁹ 29	17 ³⁷ 37	29 ¹⁶ 16	24 ² 2	1 ⁴² 42	21 ²⁰ 20	28 ⁷ 7	8 ¹² 12	6 ⁵³ 53	19 ⁵³ 53	13 ¹ 1	T 13
W 14	7 34 36	24 ⁹ 02	22 ³⁹ 39	1 ¹⁹ 19	0 ⁴² 42	18 ²⁵ 25	29 ²⁹ 29	24 ⁷ 7	1 ⁴⁴ 44	21 ¹⁸ 18	28 ⁹ 9	8 ^{D 11} D 11	6 ⁵⁰ 50	20 ⁰ 0	13 ⁵ 5	W 14
T 15	7 38 33	25 ¹⁰ 08	6 ²⁴ 24	2 ³⁴ 34	1 ⁵⁵ 55	19 ¹² 12	29 ⁴² 42	24 ¹² 12	1 ⁴⁵ 45	21 ¹⁷ 17	28 ¹¹ 11	8 ¹² 12	6 ⁴⁷ 47	20 ⁶ 6	13 ⁹ 9	T 15
F 16	7 42 29	26 ¹¹ 12	20 ²⁹ 29	3 ⁵⁰ 50	3 ⁸ 8	20 ⁰ 0	29 ⁵⁶ 56	24 ¹⁷ 17	1 ⁴⁷ 47	21 ¹⁵ 15	28 ¹³ 13	8 ¹³ 13	6 ⁴³ 43	20 ¹³ 13	13 ¹⁴ 14	F 16
S 17	7 46 26	27 ¹² 16	4 ¹¹ 54	5 ⁸ 8	4 ²¹ 21	20 ⁴⁷ 47	0 ⁹ 9	24 ²² 22	1 ⁴⁹ 49	21 ¹⁴ 14	28 ¹⁵ 15	8 ^{R 14} R 14	6 ⁴⁰ 40	20 ²⁰ 20	13 ¹⁸ 18	S 17
S 18	7 50 22	28 ¹³ 19	19 ³⁶ 36	6 ²⁷ 27	5 ³³ 33	21 ³⁴ 34	0 ²² 22	24 ²⁷ 27	1 ⁵¹ 51	21 ¹² 12	28 ¹⁷ 17	8 ¹³ 13	6 ³⁷ 37	20 ²⁶ 26	13 ²³ 23	S 18
M 19	7 54 19	29 ¹⁴ 21	4 ³⁰ 30	7 ⁴⁷ 47	6 ⁴⁶ 46	22 ²² 22	0 ³⁶ 36	24 ³² 32	1 ⁵³ 53	21 ¹¹ 11	28 ¹⁹ 19	8 ¹¹ 11	6 ³⁴ 34	20 ³³ 33	13 ²⁷ 27	M 19
T 20	7 58 15	0 ¹⁵ 22	19 ²⁹ 29	9 ⁹ 9	7 ⁵⁹ 59	23 ⁹ 9	0 ⁴⁹ 49	24 ³⁸ 38	1 ⁵⁵ 55	21 ⁹ 9	28 ²¹ 21	8 ⁶ 6	6 ³¹ 31	20 ⁴⁰ 40	13 ³² 32	T 20
W 21	8 2 12	1 ¹⁶ 23	4 ²⁵ 25	10 ³¹ 31	9 ¹¹ 11	23 ⁵⁶ 56	1 ³ 3	24 ⁴³ 43	1 ⁵⁷ 57	21 ⁸ 8	28 ²³ 23	7 ⁵⁸ 58	6 ²⁸ 28	20 ⁴⁶ 46	13 ³⁶ 36	W 21
T 22	8 6 8	2 ¹⁷ 22	19 ⁸ 8	11 ⁵⁵ 55	10 ²³ 23	24 ⁴⁴ 44	1 ¹⁶ 16	24 ⁴⁹ 49	1 ⁵⁹ 59	21 ⁶ 6	28 ²⁵ 25	7 ⁵⁰ 50	6 ²⁴ 24	20 ⁵³ 53	13 ⁴¹ 41	T 22
F 23	8 10 5	3 ¹⁸ 21	3 ¹¹ 31	13 ¹⁹ 19	11 ³⁶ 36	25 ³¹ 31	1 ³⁰ 30	24 ⁵⁴ 54	2 ¹ 1	21 ⁴ 4	28 ²⁶ 26	7 ⁴⁰ 40	6 ²¹ 21	21 ⁰ 0	13 ⁴⁵ 45	F 23
S 24	8 14 2	4 ¹⁹ 18	17 ²⁸ 28	14 ⁴⁵ 45	12 ⁴⁸ 48	26 ¹⁹ 19	1 ⁴³ 43	25 ⁰ 0	2 ³ 3	21 ³ 3	28 ²⁸ 28	7 ³² 32	6 ¹⁸ 18	21 ⁶ 6	13 ⁵⁰ 50	S 24
S 25	8 17 58	5 ²⁰ 16	0 ⁵⁷ 57	16 ¹¹ 11	14 ⁰ 0	27 ⁶ 6	1 ⁵⁷ 57	25 ⁵ 5	2 ⁶ 6	21 ¹ 1	28 ³⁰ 30	7 ²⁵ 25	6 ¹⁵ 15	21 ¹³ 13	13 ⁵⁴ 54	S 25
M 26	8 21 55	6 ²¹ 12	13 ⁵⁸ 58	17 ³⁸ 38	15 ¹² 12	27 ⁵³ 53	2 ¹¹ 11	25 ¹¹ 11	2 ⁸ 8	21 ⁰ 0	28 ³² 32	7 ²⁰ 20	6 ¹² 12	21 ²⁰ 20	13 ⁵⁹ 59	M 26
T 27	8 25 51	7 ²² 08	26 ³⁵ 35	19 ⁶ 6	16 ²⁴ 24	28 ⁴¹ 41	2 ²⁵ 25	25 ¹⁷ 17	2 ¹⁰ 10	20 ⁵⁸ 58	28 ³⁴ 34	7 ¹⁷ 17	6 ⁹ 9	21 ²⁶ 26	14 ³ 3	T 27
W 28	8 29 48	8 ²³ 02	8 ¹¹ 51	20 ³⁵ 35	17 ³⁶ 36	29 ²⁸ 28	2 ³⁹ 39	25 ²³ 23	2 ¹² 12	20 ⁵⁶ 56	28 ³⁶ 36	7 ^{D 16} D 16	6 ⁵ 5	21 ³³ 33	14 ⁸ 8	W 28
T 29	8 33 44	9 ²³ 57	20 ⁵¹ 51	22 ⁵ 5	18 ⁴⁷ 47	0 ¹⁵ 15	2 ⁵² 52	25 ²⁸ 28	2 ¹⁵ 15	20 ⁵⁵ 55	28 ³⁷ 37	7 ¹⁷ 17	6 ² 2	21 ³⁹ 39	14 ¹² 12	T 29
F 30	8 37 41	10 ²⁴ 50	2 ⁴² 42	23 ³⁵ 35	19 ⁵⁹ 59	1 ² 2	3 ⁶ 6	25 ³⁴ 34	2 ¹⁷ 17	20 ⁵³ 53	28 ³⁹ 39	7 ^{R 18} R 18	5 ⁵⁹ 59	21 ⁴⁶ 46	14 ¹⁷ 17	F 30
S 31	8 41 37	11 ²⁵ 43	14 ²⁹ 29	25 ³ 6	21 ¹¹ 11	1 ⁵⁰ 50	3 ²⁰ 20	25 ⁴⁰ 40	2 ¹⁹ 19	20 ⁵¹ 51	28 ⁴¹ 41	7 ¹⁷ 17	5 ¹¹ 56	21 ⁵³ 53	14 ²¹ 21	S 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 1	13s22	2n21	20s23	2n40	18s 8	1s48	19s22	1s 9	13s32	0s59	4s46	2s15	0s 5	0s43	14n40	0n21	17s40	5n48	21n50	21n36	23s58	11s 3	6n22					
F 2	22 56	17 35	1 20	20 33	2 32	17 45	1 47	19 10	1 9	13 28	0 59	4 45	2 14	0 5	0 43	14 40	0 21	17 40	5 48	21 50	21 35	23 59	11 2	6 21					
S 3	22 50	21 5	0 16	20 44	2 24	17 22	1 47	18 57	1 9	13 24	0 59	4 43	2 14	0 4	0 43	14 41	0 21	17 40	5 47	21 50	21 35	24 1	11 2	6 21					
S 4	22 44	23 43	0s48	20 55	2 15	16 59	1 46	18 44	1 9	13 19	0 59	4 41	2 14	0 4	0 43	14 41	0 22	17 40	5 47	21 50	21 34	24 2	11 1	6 21					
M 5	22 38	25 18	1 50	21 7	2 6	16 35	1 45	18 30	1 8	13 15	0 59	4 39	2 14	0 3	0 43	14 42	0 22	17 40	5 47	21 50	21 34	24 3	11 0	6 21					
T 6	22 31	25 45	2 48	21 19	1 57	16 10	1 44	18 17	1 8	13 11	0 58	4 38	2 14	0 3	0 43	14 42	0 22	17 40	5 47	21 49	21 33	24 5	10 59	6 21					
W 7	22 23	25 0	3 39	21 31	1 48	15 45	1 43	18 3	1 8	13 6	0 58	4 36	2 13	0 2	0 43	14 42	0 22	17 40	5 47	21 48	21 32	24 6	10 58	6 21					
T 8	22 15	23 4	4 20	21 43	1 39	15 20	1 42	17 49	1 8	13 2	0 58	4 34	2 13	0 2	0 43	14 43	0 22	17 40	5 47	21 47	21 32	24 8	10 57	6 20					
F 9	22 7	20 3	4 50	21 54	1 30	14 55	1 40	17 35	1 7	12 57	0 58	4 32	2 13	0 1	0 43	14 43	0 22	17 40	5 47	21 46	21 31	24 9	10 56	6 20					
S 10	21 58	16 5	5 6	22 5	1 21	14 29	1 39	17 21	1 7	12 53	0 58	4 30	2 13	0 0	0 43	14 44	0 22	17 40	5 47	21 45	21 31	24 10	10 55	6 20					
S 11	21 49	11 22	5 8	22 16	1 11	14 2	1 37	17 7	1 7	12 48	0 58	4 28	2 13	0n 0	0 43	14 44	0 22	17 40	5 47	21 44	21 30	24 12	10 54	6 20					
M 12	21 39	6 5	4 55	22 26	1 2	13 35	1 36	16 52	1 7	12 44	0 58	4 26	2 13	0 1	0 42	14 45	0 22	17 40	5 47	21 43	21 30	24 13	10 53	6 20					
T 13	21 29	0 25	4 25	22 35	0 53	13 8	1 34	16 37	1 6	12 39	0 58	4 24	2 12	0 2	0 42	14 45	0 22	17 40	5 47	21 42	21 29	24 15	10 52	6 19					
W 14	21 19	5n24	3 41	22 44	0 44	12 41	1 33	16 22	1 6	12 34	0 58	4 22	2 12	0 2	0 42	14 46	0 22	17 40	5 47	21 42	21 29	24 16	10 51	6 19					
T 15	21 8	11 6	2 43	22 52	0 35	12 13	1 31	16 7	1 6	12 30	0 58	4 20	2 12	0 3	0 42	14 46	0 22	17 40	5 47	21 42	21 28	24 17	10 50	6 19					
F 16	20 56	16 23	1 34	22 59	0 26	11 45	1 29	15 52	1 5	12 25	0 58	4 18	2 12	0 4	0 42	14 47	0 22	17 40	5 47	21 42	21 28	24 19	10 49	6 19					
S 17	20 45	20 51	0 18	23 4	0 18	11 17	1 27	15 37	1 5	12 20	0 58	4 15	2 12	0 5	0 42	14 47	0 22	17 41	5 47	21 43	21 27	24 20	10 48	6 19					
S 18	20 33	24 5	1n 1	23 9	0 9	10 48	1 25	15 21	1 5	12 16	0 58	4 13	2 12	0 5	0 42	14 48	0 22	17 41	5 47	21 42	21 27	24 21	10 46	6 19					
M 19	20 20	25 40	2 17	23 13	0 1	10 19	1 23	15 5	1 4	12 11	0 58	4 11	2 11	0 6	0 42	14 48	0 22	17 41	5 47	21 42	21 26	24 23	10 45	6 18					
T 20	20 7	25 24	3 23	23 16	0s 7	9 50	1 21	14 49	1 4	12 6	0 58	4 9	2 11	0 7	0 42	14 49	0 22	17 41	5 47	21 41	21 26	24 24	10 44	6 18					
W 21	19 54	23 19	4 15	23 18	0 15	9 21	1 18	14 33	1 4	12 1	0 58	4 6	2 11	0 8	0 42	14 49	0 22	17 41	5 47	21 40	21 25	24 25	10 43	6 18					
T 22	19 41	19 41	4 50	23 19	0 22	8 51	1 16	14 17	1 3	11 56	0 58	4 4	2 11	0 9	0 42	14 50	0 22	17 41	5 47	21 39	21 24	24 27	10 42	6 18					
F 23	19 27	14 58	5 5	23 18	0 30	8 21	1 13	14 1	1 3	11 51	0 58	4 2	2 11	0 10	0 42	14 50	0 22	17 41	5 47	21 37	21 24	24 28	10 41	6 18					
S 24	19 12	9 35	5 1	23 16	0 37	7 51	1 11	13 45	1 2	11 47	0 58	3 59	2 11	0 11	0 42	14 51	0 22	17 41	5 47	21 36	21 23	24 29	10 40	6 18					
S 25	18 58	3 55	4 41	23 13	0 44	7 21	1 8	13 28	1 2	11 42	0 58	3 57	2 11	0 11	0 42	14 51	0 22	17 41	5 47	21 35	21 23	24 31	10 38	6 18					
M 26	18 43	1s44	4 6	23 9	0 51	6 51	1 6	13 11	1 2	11 37	0 58	3 55	2 10	0 12	0 42	14 52	0 22	17 41	5 47	21 34	21 22	24 32	10 37	6 18					
T 27	18 27	7 9	3 20	23 3	0 57	6 20	1 3	12 54	1 1	11 32	0 58	3 52	2 10	0 13	0 42	14 52	0 22	17 41	5 47	21 33	21 22	24 33	10 36	6 18					
W 28	18 12	12 9	2 26	22 57	1 4	5 50	1 0	12 38	1 1	11 27	0 58	3 50	2 10	0 14	0 42	14 53	0 22	17 41	5 47	21 33	21 21	24 34	10 35	6 17					
T 29	17 56	16 36	1 27	22 48	1 10	5 19	0 57	12 20	1 1	11 22	0 58	3 47	2 10	0 15	0 42	14 53	0 22	17 41	5 47	21 33	21 21	24 36	10 34	6 17					
F 30	17 39	20 20	0 25	22 39	1 16	4 48	0 54	12 3	1 0	11 17	0 58	3 45	2 10	0 16	0 42	14 54	0 22	17 41	5 47	21 33	21 20	24 37	10 32	6 17					
S 31	17s23	23s12	0s38	22s28	1s21	4s17	0s51	11s46	1s 0	11s12	0s58	3s42	2s10	0n17	0s42	14n55	0n22	17s41	5n47	21n33	21n20	24s38	10s31	6n17					

ASTRODIENST EPHEMERIS for the year 1761
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FEBRUARY 1761

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Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	8 45 34	12 ²⁶ 34	26 ¹⁵ 15	26 ³⁸ 38	22 ¹¹ 22	2 ³⁷ 37	3 ³⁴ 34	25 ⁴⁷ 47	2 ²² 22	20 ⁵⁰ 50	28 ⁴³ 43	7 ¹⁵ 15	5 ⁵³ 53	21 ⁵⁹ 59	14 ²⁶ 26	S 1
M 2	8 49 31	13 ²⁷ 25	8 ³ 7	28 ¹¹ 11	23 ³³ 33	3 ²⁴ 24	3 ⁴⁸ 48	25 ⁵³ 53	2 ²⁴ 24	20 ⁴⁸ 48	28 ⁴⁴ 44	7 ¹¹ 11	5 ⁴⁹ 49	22 ⁶ 6	14 ³¹ 31	M 2
T 3	8 53 27	14 ²⁸ 15	20 ⁷ 7	29 ⁴⁴ 44	24 ⁴⁵ 45	4 ¹² 12	4 ² 2	25 ⁵⁹ 59	2 ²⁷ 27	20 ⁴⁶ 46	28 ⁴⁶ 46	7 ⁴ 4	5 ⁴⁶ 46	22 ¹³ 13	14 ³⁵ 35	T 3
W 4	8 57 24	15 ²⁹ 03	2 ¹⁷ 17	1 ¹⁸ 18	25 ⁵⁶ 56	4 ⁵⁹ 59	4 ¹⁷ 17	26 ⁵ 5	2 ²⁹ 29	20 ⁴⁵ 45	28 ⁴⁸ 48	6 ⁵⁴ 54	5 ⁴³ 43	22 ¹⁹ 19	14 ⁴⁰ 40	W 4
T 5	9 1 20	16 ²⁹ 50	14 ⁴⁰ 40	2 ⁵⁴ 54	27 ⁷ 7	5 ⁴⁶ 46	4 ³¹ 31	26 ¹¹ 11	2 ³² 32	20 ⁴³ 43	28 ⁴⁹ 49	6 ⁴² 42	5 ⁴⁰ 40	22 ²⁶ 26	14 ⁴⁴ 44	T 5
F 6	9 5 17	17 ³⁰ 36	27 ¹⁵ 15	4 ²⁹ 29	28 ¹⁸ 18	6 ³³ 33	4 ⁴⁵ 45	26 ¹⁸ 18	2 ³⁵ 35	20 ⁴¹ 41	28 ⁵¹ 51	6 ²⁸ 28	5 ³⁷ 37	22 ³³ 33	14 ⁴⁹ 49	F 6
S 7	9 9 13	18 ³¹ 21	10 ³ 3	6 ⁶ 6	29 ²⁸ 28	7 ²¹ 21	4 ⁵⁹ 59	26 ²⁴ 24	2 ³⁷ 37	20 ⁴⁰ 40	28 ⁵³ 53	6 ¹⁵ 15	5 ³⁴ 34	22 ³⁹ 39	14 ⁵³ 53	S 7
S 8	9 13 10	19 ³² 04	23 ² 2	7 ⁴³ 43	0 ³⁹ 39	8 ⁸ 8	5 ¹³ 13	26 ³¹ 31	2 ⁴⁰ 40	20 ³⁸ 38	28 ⁵⁴ 54	6 ⁴ 4	5 ³⁰ 30	22 ⁴⁶ 46	14 ⁵⁸ 58	S 8
M 9	9 17 6	20 ³² 45	6 ¹³ 13	9 ²² 22	1 ⁵⁰ 50	8 ⁵⁵ 55	5 ²⁸ 28	26 ³⁷ 37	2 ⁴³ 43	20 ³⁶ 36	28 ⁵⁶ 56	5 ⁵⁴ 54	5 ²⁷ 27	22 ⁵³ 53	15 ² 2	M 9
T 10	9 21 3	21 ³³ 25	19 ³⁵ 35	11 ¹ 1	3 ⁰ 0	9 ⁴² 42	5 ⁴² 42	26 ⁴⁴ 44	2 ⁴⁶ 46	20 ³⁵ 35	28 ⁵⁷ 57	5 ⁴⁸ 48	5 ²⁴ 24	22 ⁵⁹ 59	15 ⁷ 7	T 10
W11	9 25 0	22 ³⁴ 03	3 ⁸ 8	12 ⁴¹ 41	4 ¹⁰ 10	10 ²⁹ 29	5 ⁵⁶ 56	26 ⁵⁰ 50	2 ⁴⁸ 48	20 ³³ 33	28 ⁵⁹ 59	5 ⁴⁴ 44	5 ²¹ 21	23 ⁶ 6	15 ¹¹ 11	W11
T 12	9 28 56	23 ³⁴ 39	16 ⁵² 52	14 ²¹ 21	5 ²¹ 21	11 ¹⁶ 16	6 ¹¹ 11	26 ⁵⁷ 57	2 ⁵¹ 51	20 ³¹ 31	29 ⁰ 0	5 ⁴³ 43	5 ¹⁸ 18	23 ¹³ 13	15 ¹⁶ 16	T 12
F 13	9 32 53	24 ³⁵ 14	0 ¹⁴ 14	16 ³ 3	6 ³¹ 31	12 ³ 3	6 ²⁵ 25	27 ⁴ 4	2 ⁵⁴ 54	20 ³⁰ 30	29 ² 2	5 ⁴³ 43	5 ¹⁵ 15	23 ¹⁹ 19	15 ²⁰ 20	F 13
S 14	9 36 49	25 ³⁵ 47	14 ⁵⁷ 57	17 ⁴⁶ 46	7 ⁴¹ 41	12 ⁵⁰ 50	6 ³⁹ 39	27 ¹⁰ 10	2 ⁵⁷ 57	20 ²⁸ 28	29 ³ 3	5 ⁴³ 43	5 ¹¹ 11	23 ²⁶ 26	15 ²⁵ 25	S 14
S 15	9 40 46	26 ³⁶ 18	29 ¹⁶ 16	19 ²⁹ 29	8 ⁵⁰ 50	13 ³⁷ 37	6 ⁵⁴ 54	27 ¹⁷ 17	3 ⁰ 0	20 ²⁶ 26	29 ⁴ 4	5 ⁴¹ 41	5 ⁸ 8	23 ³³ 33	15 ²⁹ 29	S 15
M16	9 44 42	27 ³⁶ 47	13 ⁴⁵ 45	21 ¹⁴ 14	10 ⁰ 0	14 ²⁴ 24	7 ⁸ 8	27 ²⁴ 24	3 ³ 3	20 ²⁵ 25	29 ⁶ 6	5 ³⁷ 37	5 ⁵ 5	23 ³⁹ 39	15 ³⁴ 34	M16
T 17	9 48 39	28 ³⁷ 14	28 ¹⁹ 19	22 ⁵⁹ 59	11 ⁹ 9	15 ¹¹ 11	7 ²³ 23	27 ³¹ 31	3 ⁶ 6	20 ²³ 23	29 ⁷ 7	5 ³⁰ 30	5 ² 2	23 ⁴⁶ 46	15 ³⁸ 38	T 17
W18	9 52 35	29 ³⁷ 40	12 ⁵² 52	24 ⁴⁵ 45	12 ¹⁹ 19	15 ⁵⁸ 58	7 ³⁷ 37	27 ³⁸ 38	3 ⁹ 9	20 ²¹ 21	29 ⁸ 8	5 ²⁰ 20	4 ⁵⁹ 59	23 ⁵³ 53	15 ⁴³ 43	W18
T 19	9 56 32	0 ³⁸ 03	27 ¹⁷ 17	26 ³² 32	13 ²⁸ 28	16 ⁴⁵ 45	7 ⁵¹ 51	27 ⁴⁴ 44	3 ¹² 12	20 ²⁰ 20	29 ¹⁰ 10	5 ⁹ 9	4 ⁵⁵ 55	23 ⁵⁹ 59	15 ⁴⁷ 47	T 19
F 20	10 0 29	1 ³⁸ 25	11 ²⁷ 27	28 ²¹ 21	14 ³⁷ 37	17 ³² 32	8 ⁶ 6	27 ⁵¹ 51	3 ¹⁵ 15	20 ¹⁸ 18	29 ¹¹ 11	4 ⁵⁶ 56	4 ⁵² 52	24 ⁶ 6	15 ⁵² 52	F 20
S 21	10 4 25	2 ³⁸ 46	25 ¹⁸ 18	0 ¹⁰ 10	15 ⁴⁵ 45	18 ¹⁹ 19	8 ²⁰ 20	27 ⁵⁸ 58	3 ¹⁸ 18	20 ¹⁶ 16	29 ¹² 12	4 ⁴⁴ 44	4 ⁴⁹ 49	24 ¹² 12	15 ⁵⁶ 56	S 21
S 22	10 8 22	3 ³⁹ 04	8 ⁴⁵ 45	2 ⁰ 0	16 ⁵⁴ 54	19 ⁶ 6	8 ³⁵ 35	28 ⁵ 5	3 ²¹ 21	20 ¹⁵ 15	29 ¹³ 13	4 ³⁴ 34	4 ⁴⁶ 46	24 ¹⁹ 19	16 ⁰ 0	S 22
M23	10 12 18	4 ³⁹ 21	21 ⁴⁷ 47	3 ⁵¹ 51	18 ² 2	19 ⁵³ 53	8 ⁴⁹ 49	28 ¹² 12	3 ²⁴ 24	20 ¹³ 13	29 ¹⁴ 14	4 ²⁶ 26	4 ⁴³ 43	24 ²⁶ 26	16 ⁵ 5	M23
T 24	10 16 15	5 ³⁹ 37	4 ¹¹ 11	5 ⁴³ 43	19 ¹¹ 11	20 ³⁹ 39	9 ⁴ 4	28 ¹⁹ 19	3 ²⁷ 27	20 ¹¹ 11	29 ¹⁶ 16	4 ²¹ 21	4 ⁴⁰ 40	24 ³² 32	16 ⁹ 9	T 24
W25	10 20 11	6 ³⁹ 51	16 ⁴⁵ 45	7 ³⁵ 35	20 ¹⁹ 19	21 ²⁶ 26	9 ¹⁸ 18	28 ²⁷ 27	3 ³⁰ 30	20 ¹⁰ 10	29 ¹⁷ 17	4 ¹⁸ 18	4 ³⁶ 36	24 ³⁹ 39	16 ¹⁴ 14	W25
T 26	10 24 8	7 ⁴⁰ 04	28 ⁴⁸ 48	9 ²⁹ 29	21 ²⁷ 27	22 ¹³ 13	9 ³³ 33	28 ³⁴ 34	3 ³³ 33	20 ⁸ 8	29 ¹⁸ 18	4 ¹⁸ 18	4 ³³ 33	24 ⁴⁶ 46	16 ¹⁸ 18	T 26
F 27	10 28 4	8 ⁴⁰ 15	10 ¹⁴ 14	11 ²³ 23	22 ³⁴ 34	23 ⁰ 0	9 ⁴⁷ 47	28 ⁴¹ 41	3 ³⁶ 36	20 ⁷ 7	29 ¹⁹ 19	4 ¹⁷ 17	4 ³⁰ 30	24 ⁵² 52	16 ²² 22	F 27
S 28	10 32 1	9 ⁴⁰ 24	22 ¹⁹ 19	13 ¹⁹ 19	23 ⁴² 42	23 ⁴⁶ 46	10 ¹¹ 11	28 ⁴⁸ 48	3 ⁴⁰ 40	20 ⁵ 5	29 ²⁰ 20	4 ¹¹ 11	4 ¹¹ 11	24 ⁵⁹ 59	16 ²⁶ 26	S 28

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S 1	17s 6	25s 5	1s39	22s16	1s26	3s46	0s48	11s29	0s59	11s 6	0s58	3s40	2s10	0n18	0s42	14n55	0n22	17s41	5n47	21n33	21n19	24s39	10s30	6n17			
M 2	16 48	25 50	2 37	22 3	1 31	3 14	0 44	11 11	0 59	11 1	0 58	3 37	2 10	0 19	0 42	14 56	0 22	17 41	5 47	21 32	21 18	24 41	10 29	6 17			
T 3	16 31	25 23	3 27	21 48	1 36	2 43	0 41	10 53	0 58	10 56	0 58	3 35	2 9	0 20	0 42	14 56	0 22	17 41	5 47	21 31	21 18	24 42	10 28	6 17			
W 4	16 13	23 43	4 9	21 32	1 40	2 12	0 38	10 36	0 58	10 51	0 58	3 32	2 9	0 21	0 42	14 57	0 22	17 41	5 47	21 29	21 17	24 43	10 26	6 17			
T 5	15 55	20 55	4 40	21 14	1 44	1 40	0 34	10 18	0 58	10 46	0 58	3 30	2 9	0 22	0 42	14 57	0 22	17 41	5 47	21 27	21 17	24 44	10 25	6 17			
F 6	15 36	17 6	4 58	20 55	1 48	1 9	0 31	10 0	0 57	10 41	0 58	3 27	2 9	0 23	0 42	14 58	0 22	17 41	5 47	21 25	21 16	24 46	10 24	6 17			
S 7	15 18	12 27	5 1	20 34	1 52	0 37	0 27	9 42	0 57	10 35	0 58	3 24	2 9	0 24	0 42	14 58	0 22	17 41	5 47	21 23	21 16	24 47	10 22	6 17			
S 8	14 59	7 11	4 48	20 13	1 55	0 6	0 23	9 24	0 56	10 30	0 58	3 22	2 9	0 26	0 42	14 59	0 22	17 41	5 47	21 21	21 15	24 48	10 21	6 17			
M 9	14 40	1 31	4 21	19 49	1 57	0n26	0 20	9 6	0 56	10 25	0 58	3 19	2 9	0 27	0 42	14 59	0 22	17 41	5 48	21 19	21 14	24 49	10 20	6 17			
T 10	14 20	4n18	3 39	19 25	2 0	0 57	0 16	8 48	0 55	10 20	0 58	3 16	2 9	0 28	0 42	15 0	0 22	17 40	5 48	21 18	21 14	24 51	10 19	6 17			
W11	14 1	10 1	2 43	18 58	2 2	1 29	0 12	8 29	0 55	10 14	0 58	3 14	2 9	0 29	0 42	15 1	0 22	17 40	5 48	21 17	21 13	24 52	10 17	6 17			
T 12	13 41	15 20	1 38	18 31	2 4	2 0	0 8	8 11	0 54	10 9	0 58	3 11	2 9	0 30	0 41	15 1	0 22	17 40	5 48	21 17	21 13	24 53	10 16	6 17			
F 13	13 21	19 55	0 26	18 2	2 5	2 32	0 4	7 53	0 54	10 4	0 58	3 8	2 8	0 31	0 41	15 2	0 22	17 40	5 48	21 17	21 12	24 54	10 15	6 17			
S 14	13 0	23 26	0n49	17 31	2 6	3 3	0 0	7 34	0 53	9 59	0 58	3 5	2 8	0 32	0 41	15 2	0 22	17 40	5 48	21 17	21 12	24 55	10 13	6 17			
S 15	12 40	25 29	2 1	16 59	2 6	3 34	0n 4	7 16	0 53	9 53	0 58	3 3	2 8	0 34	0 41	15 3	0 22	17 40	5 48	21 17	21 11	24 56	10 12	6 17			
M16	12 19	25 51	3 7	16 26	2 6	4 5	0 8	6 57	0 52	9 48	0 58	3 0	2 8	0 35	0 41	15 3	0 22	17 40	5 48	21 16	21 11	24 58	10 11	6 17			
T 17	11 58	24 27	4 0	15 51	2 6	4 37	0 12	6 38	0 52	9 43	0 58	2 57	2 8	0 36	0 41	15 4	0 22	17 40	5 48	21 15	21 10	24 59	10 9	6 17			
W18	11 37	21 25	4 38	15 15	2 5	5 8	0 17	6 20	0 51	9 37	0 58	2 54	2 8	0 37	0 41	15 4	0 22	17 40	5 48	21 13	21 9	25 0	10 8	6 17			
T 19	11 16	17 5	4 57	14 37	2 4	5 39	0 21	6 1	0 51	9 32	0 58	2 51	2 8	0 38	0 41	15 5	0 22	17 40	5 48	21 11	21 9	25 1	10 7	6 17			
F 20	10 54	11 52	4 58	13 58	2 2	6 9	0 25	5 42	0 50	9 26	0 58	2 49	2 8	0 40	0 41	15 5	0 22	17 40	5 48	21 9	21 8	25 2	10 5	6 18			
S 21	10 33	6 11	4 41	13 18	1 59	6 40	0 30	5 23	0 50	9 21	0 58	2 46	2 8	0 41	0 41	15 6	0 22	17 40	5 48	21 7	21 8	25 3	10 4	6 18			
S 22	10 11	0 21	4 9	12 36	1 57	7 10	0 34	5 5	0 49	9 16	0 58	2 43	2 8	0 42	0 41	15 6	0 22	17 40	5 48	21 5	21 7	25 4	10 3	6 18			
M23	9 49	5s20	3 25	11 52	1 53	7 41	0 39	4 46	0 49	9 10	0 58	2 40	2 8	0 43	0 41	15 7	0 22	17 40	5 48	21 3	21 6	25 6	10 1	6 18			
T 24	9 27	10 39	2 31	11 8	1 50	8 11	0 43	4 27	0 48	9 5	0 58	2 37	2 8	0 45	0 41	15 8	0 22	17 40	5 48	21 2	21 6	25 7	10 0	6 18			
W25	9 5	15 24	1 32	10 22	1 45	8 41	0 48	4 8	0 48	8 59	0 58	2 34	2 8	0 46	0 41	15 8	0 22	17 40	5 49	21 2	21 5	25 8	9 59	6 18			
T 26	8 42	19 27	0 29	9 34	1 40	9 11	0 52	3 49	0 47	8 54	0 58	2 31	2 8	0 47	0 41	15 9	0 22	17 40	5 49	21 2	21 5	25 9	9 57	6 18			
F 27	8 20	22 38	0s34	8 46	1 35	9 40	0 57	3 30	0 47	8 48	0 58	2 29	2 8	0 48	0 41	15 9	0 22	17 40	5 49	21 2	21 4	25 10	9 56	6 18			
S 28	7s57	24s50	1s35	7s56	1s29	10n10	1n 1	3s11	0s46	8s43	0s58	2s26	2s 8	0n50	0s41	15n10	0n22	17s39	5n49	21n 2	21n 4	25s11	9s54	6n18			

ASTRODIENST EPHEMERIS for the year 1761
geocentric

MARCH 1761

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Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	10 35 58	10 ^h 40'32	4 ^h 17	15 ^h 14	24 ^h 49	24 ^h 33	10 ^h 16	28 ^h 55	3 ^h 43	20 ^h 3	29 ^h 21	4 ^h 15	4 ^h 24	25 ^h 6	16 ^h 31	S 1
M 2	10 39 54	11 ^h 40'39	16 ^h 12	17 ^h 10	25 ^h 56	25 ^h 20	10 ^h 31	29 ^h 3	3 ^h 46	20 ^h 2	29 ^h 22	4 ^h 11	4 ^h 21	25 ^h 12	16 ^h 35	M 2
T 3	10 43 51	12 ^h 40'44	28 ^h 17	19 ^h 7	27 ^h 3	26 ^h 6	10 ^h 45	29 ^h 10	3 ^h 49	20 ^h 0	29 ^h 23	4 ^h 4	4 ^h 17	25 ^h 19	16 ^h 39	T 3
W 4	10 47 47	13 ^h 40'47	10 ^h 35	21 ^h 3	28 ^h 10	26 ^h 53	11 ^h 0	29 ^h 17	3 ^h 53	19 ^h 59	29 ^h 24	3 ^h 54	4 ^h 14	25 ^h 26	16 ^h 43	W 4
T 5	10 51 44	14 ^h 40'48	23 ^h 10	23 ^h 0	29 ^h 16	27 ^h 39	11 ^h 15	29 ^h 24	3 ^h 56	19 ^h 57	29 ^h 25	3 ^h 42	4 ^h 11	25 ^h 32	16 ^h 47	T 5
F 6	10 55 40	15 ^h 40'47	6 ^h 1	24 ^h 56	0 ^h 22	28 ^h 26	11 ^h 29	29 ^h 32	3 ^h 59	19 ^h 56	29 ^h 25	3 ^h 29	4 ^h 8	25 ^h 39	16 ^h 52	F 6
S 7	10 59 37	16 ^h 40'45	19 ^h 9	26 ^h 52	1 ^h 28	29 ^h 12	11 ^h 44	29 ^h 39	4 ^h 2	19 ^h 54	29 ^h 26	3 ^h 16	4 ^h 5	25 ^h 46	16 ^h 56	S 7
S 8	11 3 33	17 ^h 40'40	2 ^h 32	28 ^h 47	2 ^h 34	29 ^h 58	11 ^h 58	29 ^h 46	4 ^h 6	19 ^h 53	29 ^h 27	3 ^h 4	4 ^h 1	25 ^h 52	17 ^h 0	S 8
M 9	11 7 30	18 ^h 40'34	16 ^h 7	0 ^h 41	3 ^h 39	0 ^h 45	12 ^h 12	29 ^h 54	4 ^h 9	19 ^h 51	29 ^h 28	2 ^h 55	3 ^h 58	25 ^h 59	17 ^h 4	M 9
T 10	11 11 27	19 ^h 40'25	29 ^h 52	2 ^h 33	4 ^h 45	1 ^h 31	12 ^h 27	0 ^h 1	4 ^h 12	19 ^h 50	29 ^h 28	2 ^h 48	3 ^h 55	26 ^h 6	17 ^h 8	T 10
W 11	11 15 23	20 ^h 40'14	13 ^h 44	4 ^h 23	5 ^h 50	2 ^h 17	12 ^h 41	0 ^h 9	4 ^h 16	19 ^h 49	29 ^h 29	2 ^h 44	3 ^h 52	26 ^h 12	17 ^h 12	W 11
T 12	11 19 20	21 ^h 40'01	27 ^h 41	6 ^h 10	6 ^h 54	3 ^h 4	12 ^h 56	0 ^h 16	4 ^h 19	19 ^h 47	29 ^h 30	2 ^h D43	3 ^h 49	26 ^h 19	17 ^h 16	T 12
F 13	11 23 16	22 ^h 39'46	11 ^h 43	7 ^h 55	7 ^h 59	3 ^h 50	13 ^h 10	0 ^h 23	4 ^h 22	19 ^h 46	29 ^h 30	2 ^h 43	3 ^h 46	26 ^h 26	17 ^h 20	F 13
S 14	11 27 13	23 ^h 39'29	25 ^h 48	9 ^h 36	9 ^h 3	4 ^h 36	13 ^h 25	0 ^h 31	4 ^h 26	19 ^h 45	29 ^h 31	2 ^h R43	3 ^h 42	26 ^h 32	17 ^h 23	S 14
S 15	11 31 9	24 ^h 39'09	9 ^h 56	11 ^h 13	10 ^h 7	5 ^h 22	13 ^h 39	0 ^h 38	4 ^h 29	19 ^h 43	29 ^h 32	2 ^h 42	3 ^h 39	26 ^h 39	17 ^h 27	S 15
M 16	11 35 6	25 ^h 38'47	24 ^h 6	12 ^h 46	11 ^h 10	6 ^h 8	13 ^h 53	0 ^h 46	4 ^h 33	19 ^h 42	29 ^h 32	2 ^h 39	3 ^h 36	26 ^h 46	17 ^h 31	M 16
T 17	11 39 2	26 ^h 38'23	8 ^h 14	14 ^h 14	12 ^h 13	6 ^h 54	14 ^h 8	0 ^h 53	4 ^h 36	19 ^h 41	29 ^h 33	2 ^h 34	3 ^h 33	26 ^h 52	17 ^h 35	T 17
W 18	11 42 59	27 ^h 37'56	22 ^h 19	15 ^h 37	13 ^h 16	7 ^h 40	14 ^h 22	1 ^h 1	4 ^h 39	19 ^h 39	29 ^h 33	2 ^h 26	3 ^h 30	26 ^h 59	17 ^h 39	W 18
T 19	11 46 56	28 ^h 37'27	6 ^h 17	16 ^h 54	14 ^h 19	8 ^h 26	14 ^h 36	1 ^h 8	4 ^h 43	19 ^h 38	29 ^h 33	2 ^h 16	3 ^h 26	27 ^h 6	17 ^h 42	T 19
F 20	11 50 52	29 ^h 36'56	20 ^h 3	18 ^h 5	15 ^h 21	9 ^h 12	14 ^h 51	1 ^h 16	4 ^h 46	19 ^h 37	29 ^h 34	2 ^h 5	3 ^h 23	27 ^h 12	17 ^h 46	F 20
S 21	11 54 49	0 ^h 36'22	3 ^h 34	19 ^h 10	16 ^h 23	9 ^h 58	15 ^h 5	1 ^h 23	4 ^h 50	19 ^h 36	29 ^h 34	1 ^h 55	3 ^h 20	27 ^h 19	17 ^h 50	S 21
S 22	11 58 45	1 ^h 35'47	16 ^h 46	20 ^h 8	17 ^h 24	10 ^h 44	15 ^h 19	1 ^h 31	4 ^h 53	19 ^h 35	29 ^h 35	1 ^h 46	3 ^h 17	27 ^h 25	17 ^h 53	S 22
M 23	12 2 42	2 ^h 35'10	29 ^h 39	20 ^h 59	18 ^h 25	11 ^h 30	15 ^h 33	1 ^h 38	4 ^h 57	19 ^h 33	29 ^h 35	1 ^h 39	3 ^h 14	27 ^h 32	17 ^h 57	M 23
T 24	12 6 38	3 ^h 34'30	12 ^h 13	21 ^h 44	19 ^h 26	12 ^h 15	15 ^h 48	1 ^h 46	5 ^h 0	19 ^h 32	29 ^h 35	1 ^h 35	3 ^h 11	27 ^h 39	18 ^h 0	T 24
W 25	12 10 35	4 ^h 33'49	24 ^h 31	22 ^h 20	20 ^h 26	13 ^h 1	16 ^h 2	1 ^h 53	5 ^h 3	19 ^h 31	29 ^h 35	1 ^h 33	3 ^h 7	27 ^h 45	18 ^h 4	W 25
T 26	12 14 31	5 ^h 33'06	6 ^h 34	22 ^h 50	21 ^h 26	13 ^h 47	16 ^h 16	2 ^h 0	5 ^h 7	19 ^h 30	29 ^h 36	1 ^h D33	3 ^h 4	27 ^h 52	18 ^h 7	T 26
F 27	12 18 28	6 ^h 32'22	18 ^h 28	23 ^h 12	22 ^h 25	14 ^h 32	16 ^h 30	2 ^h 8	5 ^h 10	19 ^h 29	29 ^h 36	1 ^h 33	3 ^h 1	27 ^h 59	18 ^h 10	F 27
S 28	12 22 25	7 ^h 31'35	0 ^h 31	23 ^h 26	23 ^h 24	15 ^h 18	16 ^h 44	2 ^h 15	5 ^h 14	19 ^h 28	29 ^h 36	1 ^h 34	2 ^h 58	28 ^h 5	18 ^h 14	S 28
S 29	12 26 21	8 ^h 30'47	12 ^h 8	23 ^h 34	24 ^h 23	16 ^h 3	16 ^h 58	2 ^h 23	5 ^h 17	19 ^h 27	29 ^h 36	1 ^h R35	2 ^h 55	28 ^h 12	18 ^h 17	S 29
M 30	12 30 18	9 ^h 29'57	24 ^h 4	23 ^h R34	25 ^h 21	16 ^h 49	17 ^h 12	2 ^h 30	5 ^h 21	19 ^h 26	29 ^h 36	1 ^h 33	2 ^h 52	28 ^h 19	18 ^h 20	M 30
T 31	12 34 14	10 ^h 29'05	6 ^h 11	23 ^h 27	26 ^h 19	17 ^h 34	17 ^h 26	2 ^h 38	5 ^h 24	19 ^h 25	29 ^h 36	1 ^h 30	2 ^h 48	28 ^h 25	18 ^h 24	T 31

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S 1	7s34	25s56	2s32	7s 5	1s22	10n39	1n 6	2s52	0s46	8s38	0s58	2s23	2s 7	0n51	0s41	15n10	0n22	17s39	5n49	21n 1	21n 3	25s12	9s53	6n18	
M 2	7 12	25 50	3 22	6 13	1 15	11 8	1 11	2 33	0 45	8 32	0 58	2 20	2 7	0 52	0 41	15 11	0 22	17 39	5 49	21 1	21 2	25 13	9 52	6 19	
T 3	6 49	24 32	4 5	5 20	1 7	11 36	1 15	2 14	0 45	8 27	0 58	2 17	2 7	0 54	0 41	15 11	0 22	17 39	5 49	20 59	21 2	25 14	9 50	6 19	
W 4	6 26	22 2	4 37	4 27	0 58	12 5	1 20	1 55	0 44	8 21	0 58	2 14	2 7	0 55	0 41	15 12	0 22	17 39	5 49	20 57	21 1	25 15	9 49	6 19	
T 5	6 2	18 28	4 56	3 32	0 49	12 33	1 25	1 36	0 43	8 16	0 59	2 11	2 7	0 56	0 41	15 12	0 22	17 39	5 49	20 55	21 1	25 16	9 48	6 19	
F 6	5 39	13 58	5 0	2 37	0 40	13 1	1 30	1 17	0 43	8 10	0 59	2 8	2 7	0 57	0 41	15 12	0 22	17 39	5 49	20 53	21 0	25 17	9 46	6 19	
S 7	5 16	8 44	4 49	1 42	0 29	13 29	1 34	0 58	0 42	8 5	0 59	2 5	2 7	0 59	0 41	15 13	0 22	17 39	5 49	20 50	20 59	25 18	9 45	6 19	
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T 10	4 6	8 52	2 45	1 4	0n 4	14 50	1 49	0 1	0 41	7 48	0 59	1 56	2 7	1 3	0 41	15 14	0 22	17 39	5 50	20 45	20 58	25 22	9 41	6 20	
W 11	3 42	14 24	1 39	1 59	0 16	15 16	1 53	0n18	0 40	7 43	0 59	1 53	2 7	1 4	0 41	15 15	0 22	17 39	5 50	20 44	20 57	25 23	9 40	6 20	
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F 13	2 55	23 1	0n48	3 46	0 41	16 8	2 3	0 56	0 39	7 32	0 59	1 47	2 7	1 7	0 41	15 16	0 22	17 38	5 50	20 44	20 56	25 25	9 37	6 20	
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M 16	1 44	25 13	3 58	6 16	1 19	17 22	2 17	1 52	0 37	7 15	0 59	1 38	2 7	1 11	0 41	15 17	0 22	17 38	5 50	20 43	20 54	25 28	9 33	6 21	
T 17	1 20	22 41	4 37	7 2	1 32	17 47	2 22	2 11	0 36	7 10	0 59	1 35	2 7	1 12	0 41	15 17	0 22	17 38	5 50	20 42	20 53	25 29	9 32	6 21	
W 18	0 57	18 47	4 58	7 46	1 44	18 10	2 27	2 30	0 36	7 4	0 59	1 33	2 7	1 14	0 41	15 18	0 22	17 38	5 50	20 40	20 53	25 30	9 30	6 21	
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F 20	0 9	8 22	4 49	9 5	2 8	18 57	2 36	3 7	0 35	6 53	1 0	1 27	2 7	1 16	0 41	15 19	0 22	17 38	5 50	20 36	20 52	25 31	9 28	6 22	
S 21	0n14	2 32	4 19	9 40	2 19	19 19	2 41	3 26	0 34	6 48	1 0	1 24	2 7	1 18	0 41	15 19	0 22	17 38	5 51	20 34	20 51	25 32	9 26	6 22	
S 22	0 38	3s17	3 35	10 12	2 30	19 41	2 45	3 44	0 33	6 43	1 0	1 21	2 7	1 19	0 41	15 19	0 22	17 38	5 51	20 33	20 50	25 33	9 25	6 22	
M 23	1 2	8 50	2 42	10 40	2 40	20 3	2 50	4 3	0 33	6 37	1 0	1 18	2 7	1 20	0 41	15 20	0 22	17 38	5 51	20 31	20 50	25 34	9 24	6 23	
T 24	1 25	13 55	1 42	11 5	2 49	20 24	2 54	4 21	0 32	6 32	1 0	1 15	2 7	1 22	0 41	15 20	0 22	17 37	5 51	20 30	20 49	25 35	9 22	6 23	
W 25	1 49	18 19	0 38	11 26	2 57	20 45	2 59	4 40	0 32	6 26	1 0	1 12	2 7	1 23	0 41	15 20	0 22	17 37	5 51	20 30	20 49	25 36	9 21	6 23	
T 26	2 12	21 53	0s27	11 44	3 3	21 5	3 3	4 58	0 31	6 21	1 0	1 9	2 7	1 25	0 41	15 21	0 22	17 37	5 51	20 30	20 48	25 37	9 20	6 23	
F 27	2 36	24 28	1 30	11 57	3 9	21 25	3 8	5 16	0 30	6 16	1 0	1 6	2 7	1 26	0 41	15 21	0 22	17 37	5 51	20 30	20 47	25 38	9 19	6 24	
S 28	2 59	25 57	2 28	12 7	3 14	21 45	3 12	5 34	0 30	6 10	1 0	1 3	2 8	1 27	0 41	15 21	0 22	17 37	5 51	20 30	20 47	25 39	9 17	6 24	
S 29	3 23	26 15	3 20	12 12	3 17	22 4	3 16	5 53	0 29	6 5	1 0	1 0	2 8	1 29	0 41	15 22	0 22	17 37	5 51	20 30	20 46	25 40	9 16	6 24	
M 30	3 46	25 20	4 4	12 14	3 18	22 22	3 20	6 11	0 29	5 59	1 0	0 57	2 8	1 30	0 41	15 22	0 22	17 37	5 51	20 30	20 46	25 41	9 15	6 25	
T 31	4n 9	23s14	4s38	12n12	3n19	22n40	3n25	6n29	0s28	5s54	1s 1	0s54	2s 8	1n31	0s41	15n22	0n22	17s37	5n51	20n29	20n45	25s41	9s14	6n25	

ASTRODIENST EPHEMERIS for the year 1761

geocentric

APRIL 1761

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	12 38 11	11°28'11"	18°33'	23°R14	27°8'16"	18°V20	17°H40	2°Y45	5°Y27	19°R24	29°R36	1°R25	2°H45	28°A32	18°27'	W 1
T 2	12 42 7	12°27'16"	1°H14	22°Y54	28°12'	19° 5	17°54	2°53	5°31	19°H23	29°A36	1°H18	2°42	28°39	18°30'	T 2
F 3	12 46 4	13°26'18"	14°16'	22°29	29° 8	19°50	18° 8	3° 0	5°34	19°22	29°36	1° 9	2°39	28°45	18°33'	F 3
S 4	12 50 0	14°25'19"	27°39	21°58	0°II 4	20°35	18°21	3° 7	5°38	19°22	29°36	1° 1	2°36	28°52	18°36'	S 4
S 5	12 53 57	15°24'17"	11°Y21	21°23	0°59	21°21	18°35	3°15	5°41	19°21	29°36	0°54	2°32	28°59	18°39'	S 5
M 6	12 57 53	16°23'14"	25°19	20°45	1°53	22° 6	18°49	3°22	5°44	19°20	29°36	0°48	2°29	29° 5	18°42'	M 6
T 7	13 1 50	17°22'08"	9°B30	20° 3	2°47	22°51	19° 2	3°29	5°48	19°19	29°36	0°44	2°26	29°12	18°45'	T 7
W 8	13 5 47	18°21'01"	23°48	19°20	3°40	23°36	19°16	3°37	5°51	19°19	29°35	0°D42	2°23	29°19	18°47'	W 8
T 9	13 9 43	19°19'51"	8°II10	18°35	4°33	24°21	19°30	3°44	5°54	19°18	29°35	0°42	2°20	29°25	18°50'	T 9
F 10	13 13 40	20°18'39"	22°30	17°50	5°24	25° 6	19°43	3°51	5°58	19°17	29°35	0°43	2°17	29°32	18°53'	F 10
S 11	13 17 36	21°17'25"	6°B46	17° 5	6°16	25°51	19°57	3°59	6° 1	19°17	29°35	0°45	2°13	29°39	18°56'	S 11
S 12	13 21 33	22°16'09"	20°56	16°22	7° 6	26°36	20°10	4° 6	6° 5	19°16	29°34	0°R45	2°10	29°45	18°58'	S 12
M13	13 25 29	23°14'50"	4°H58	15°41	7°56	27°21	20°23	4°13	6° 8	19°16	29°34	0°45	2° 7	29°52	19° 1	M13
T 14	13 29 26	24°13'29"	18°51	15° 2	8°44	28° 5	20°37	4°20	6°11	19°15	29°33	0°42	2° 4	29°59	19° 3	T 14
W15	13 33 22	25°12'06"	2°H34	14°27	9°32	28°50	20°50	4°28	6°14	19°15	29°33	0°39	2° 1	0°B 5	19° 6	W15
T 16	13 37 19	26°10'40"	16° 6	13°55	10°20	29°35	21° 3	4°35	6°18	19°14	29°33	0°34	1°58	0°12	19° 8	T 16
F 17	13 41 16	27° 9'12"	29°25	13°28	11° 6	0°B19	21°16	4°42	6°21	19°14	29°32	0°28	1°54	0°19	19°10'	F 17
S 18	13 45 12	28° 7'42"	12°A31	13° 5	11°51	1° 4	21°29	4°49	6°24	19°13	29°32	0°23	1°51	0°25	19°13'	S 18
S 19	13 49 9	29° 6'10"	25°22	12°47	12°36	1°48	21°42	4°56	6°27	19°13	29°31	0°18	1°48	0°32	19°15'	S 19
M20	13 53 5	0°B 4'37"	7°H59	12°34	13°19	2°33	21°55	5° 3	6°31	19°13	29°31	0°15	1°45	0°39	19°17'	M20
T 21	13 57 2	1° 3'01"	20°22	12°26	14° 1	3°17	22° 8	5°10	6°34	19°12	29°30	0°13	1°42	0°45	19°19'	T 21
W22	14 0 58	2° 1'24"	2°A32	12°D22	14°43	4° 1	22°21	5°17	6°37	19°12	29°29	0°D13	1°38	0°52	19°21'	W22
T 23	14 4 55	2°59'45"	14°32	12°24	15°23	4°46	22°33	5°24	6°40	19°12	29°29	0°14	1°35	0°59	19°23'	T 23
F 24	14 8 51	3°58'05"	26°25	12°31	16° 2	5°30	22°46	5°31	6°43	19°12	29°28	0°15	1°32	1° 5	19°25'	F 24
S 25	14 12 48	4°56'22"	8°B15	12°42	16°40	6°14	22°59	5°38	6°47	19°11	29°27	0°17	1°29	1°12	19°27'	S 25
S 26	14 16 45	5°54'39"	20° 5	12°59	17°17	6°58	23°11	5°45	6°50	19°11	29°27	0°18	1°26	1°19	19°29'	S 26
M27	14 20 41	6°52'53"	2°A 2	13°19	17°52	7°42	23°24	5°51	6°53	19°11	29°26	0°R19	1°23	1°25	19°31'	M27
T 28	14 24 38	7°51'06"	14° 8	13°45	18°26	8°26	23°36	5°58	6°56	19°11	29°25	0°19	1°19	1°32	19°32'	T 28
W29	14 28 34	8°49'18"	26°30	14°14	18°59	9°10	23°48	6° 5	6°59	19°11	29°24	0°18	1°16	1°39	19°34'	W29
T 30	14 32 31	9°B47'28"	9°H12	14°Y48	19°II30	9°B54	24°H 1	6°Y11	7°Y 2	19°D11	29°A23	0°II16	1°II13	1°B45	19°36'	T 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4n33	20s 2	5s 0	12n 5	3n17	22n57	3n29	6n46	0s27	5s49	1s 1	0s51	2s 8	1n33	0s41	15n23
T 2	4 56	15 50	5 7	11 55	3 14	23 14	3 33	7 4	0 27	5 43	1 1	0 48	2 8	1 34	0 41	15 23
F 3	5 19	10 48	5 0	11 41	3 10	23 31	3 37	7 22	0 26	5 38	1 1	0 46	2 8	1 35	0 41	15 23
S 4	5 42	5 9	4 35	11 24	3 3	23 47	3 41	7 40	0 25	5 33	1 1	0 43	2 8	1 37	0 41	15 23
S 5	6 4	0n54	3 55	11 4	2 55	24 2	3 44	7 57	0 25	5 28	1 1	0 40	2 8	1 38	0 41	15 24
M 6	6 27	7 1	3 0	10 41	2 46	24 17	3 48	8 15	0 24	5 22	1 1	0 37	2 8	1 39	0 41	15 24
T 7	6 50	12 54	1 52	10 15	2 35	24 32	3 52	8 32	0 24	5 17	1 1	0 34	2 8	1 41	0 41	15 24
W 8	7 12	18 9	0 37	9 47	2 23	24 46	3 55	8 49	0 23	5 12	1 1	0 31	2 8	1 42	0 41	15 24
T 9	7 35	22 22	0n40	9 18	2 10	24 59	3 58	9 6	0 22	5 7	1 2	0 28	2 8	1 43	0 41	15 24
F 10	7 57	25 11	1 56	8 47	1 56	25 12	4 2	9 23	0 22	5 1	1 2	0 26	2 8	1 45	0 41	15 25
S 11	8 19	26 21	3 3	8 16	1 41	25 24	4 5	9 40	0 21	4 56	1 2	0 23	2 8	1 46	0 41	15 25
S 12	8 41	25 47	3 59	7 45	1 25	25 36	4 8	9 57	0 20	4 51	1 2	0 20	2 8	1 47	0 41	15 25
M13	9 3	23 35	4 40	7 14	1 8	25 47	4 11	10 14	0 20	4 46	1 2	0 17	2 9	1 49	0 41	15 25
T 14	9 24	20 1	5 5	6 44	0 52	25 58	4 14	10 31	0 19	4 41	1 2	0 14	2 9	1 50	0 41	15 25
W15	9 46	15 24	5 11	6 14	0 35	26 8	4 16	10 47	0 18	4 36	1 2	0 12	2 9	1 51	0 41	15 26
T 16	10 7	10 6	5 0	5 47	0 18	26 18	4 19	11 4	0 18	4 31	1 2	0 9	2 9	1 53	0 41	15 26
F 17	10 28	4 24	4 33	5 21	0 2	26 27	4 21	11 20	0 17	4 26	1 3	0 6	2 9	1 54	0 41	15 26
S 18	10 49	1s24	3 51	4 57	0s14	26 35	4 24	11 36	0 17	4 21	1 3	0 3	2 9	1 55	0 41	15 26
S 19	11 10	7 3	2 59	4 35	0 30	26 44	4 26	11 52	0 16	4 16	1 3	0 1	2 9	1 56	0 41	15 26
M20	11 31	12 19	1 59	4 16	0 46	26 51	4 27	12 8	0 15	4 11	1 3	0n 2	2 9	1 58	0 41	15 26
T 21	11 51	17 0	0 54	4 0	1 0	26 58	4 29	12 24	0 15	4 6	1 3	0 5	2 9	1 59	0 41	15 26
W22	12 12	20 54	0s13	3 46	1 14	27 5	4 31	12 39	0 14	4 1	1 3	0 7	2 9	2 0	0 41	15 26
T 23	12 32	23 52	1 18	3 34	1 27	27 11	4 32	12 55	0 13	3 56	1 4	0 10	2 10	2 1	0 41	15 26
F 24	12 51	25 44	2 19	3 25	1 40	27 16	4 33	13 10	0 13	3 51	1 4	0 13	2 10	2 3	0 41	15 26
S 25	13 11	26 27	3 14	3 19	1 51	27 21	4 34	13 26	0 12	3 46	1 4	0 15	2 10	2 4	0 41	15 27
S 26	13 31	25 56	4 1	3 15	2 2	27 25	4 35	13 41	0 11	3 41	1 4	0 18	2 10	2 5	0 41	15 27
M27	13 50	24 15	4 38	3 14	2 12	27 29	4 35	13 56	0 11	3 36	1 4	0 20	2 10	2 6	0 41	15 27
T 28	14 9	21 26	5 3	3 15	2 22	27 33	4 36	14 11	0 10	3 32	1 4	0 23	2 10	2 8	0 41	15 27
W29	14 28	17 37	5 15	3 19	2 30	27 35	4 36	14 25	0 9	3 27	1 4	0 25	2 10	2 9	0 41	15 27
T 30	14n46	12s56	5s11	3n25	2s37	27n38	4n35	14n40	0s 9	3s22	1s 5	0n28	2s10	2n10	0s41	15n27

Julian Day Number = 2364342.5, Delta T = 19.17 sec
 Ecliptic obliquity = 23°28'18", Nutation = - 0°00'15", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°24'25", Lahiri = 20°31'26"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1761
geocentric

MAY 1761

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
F 1	14 36 27	10♈45'37	22♋15	15♊25	20♌0	10♍38	24♎13	6♏18	7♐5	19♑11	29°R22	0°R14	1♒10	1♈52	19°37	F 1
S 2	14 40 24	11°43'44	5♊43	16°7	20°28	11°22	24°25	6°25	7°8	19°11	29°22	0°11	1°7	1°59	19°39	S 2
S 3	14 44 20	12°41'49	19°35	16°52	20°55	12°6	24°37	6°31	7°11	19°11	29°21	0°9	1°3	2°5	19°40	S 3
M 4	14 48 17	13°39'54	3♋49	17°40	21°20	12°49	24°49	6°38	7°14	19°11	29°20	0°7	1°0	2°12	19°41	M 4
T 5	14 52 14	14°37'56	18°20	18°32	21°44	13°33	25°0	6°44	7°17	19°11	29°19	0°6	0°57	2°19	19°43	T 5
W 6	14 56 10	15°35'57	3♌3	19°27	22°5	14°17	25°12	6°51	7°19	19°12	29°18	0°D 6	0°54	2°25	19°44	W 6
T 7	15 0 7	16°33'56	17°50	20°25	22°25	15°0	25°24	6°57	7°22	19°12	29°17	0°6	0°51	2°32	19°45	T 7
F 8	15 4 3	17°31'54	2♍34	21°26	22°43	15°44	25°35	7°3	7°25	19°12	29°16	0°7	0°48	2°39	19°46	F 8
S 9	15 8 0	18°29'50	17°10	22°31	22°59	16°27	25°47	7°10	7°28	19°12	29°15	0°8	0°44	2°45	19°47	S 9
S 10	15 11 56	19°27'44	1♎33	23°38	23°13	17°11	25°58	7°16	7°31	19°13	29°14	0°9	0°41	2°52	19°48	S 10
M 11	15 15 53	20°25'36	15°40	24°47	23°25	17°54	26°9	7°22	7°33	19°13	29°12	0°R 9	0°38	2°59	19°49	M 11
T 12	15 19 49	21°23'26	29°30	26°0	23°35	18°37	26°21	7°28	7°36	19°13	29°11	0°9	0°35	3°5	19°50	T 12
W 13	15 23 46	22°21'15	13♐1	27°15	23°42	19°21	26°32	7°34	7°39	19°14	29°10	0°8	0°32	3°12	19°50	W 13
T 14	15 27 43	23°19'01	26°16	28°32	23°47	20°4	26°43	7°40	7°41	19°14	29°9	0°8	0°29	3°19	19°51	T 14
F 15	15 31 39	24°16'46	9♑15	29°52	23°50	20°47	26°54	7°46	7°44	19°15	29°8	0°7	0°25	3°25	19°52	F 15
S 16	15 35 36	25°14'30	21°59	1♒15	23°R51	21°30	27°4	7°52	7°47	19°15	29°7	0°6	0°22	3°32	19°52	S 16
S 17	15 39 32	26°12'12	4♌30	2°40	23°49	22°13	27°15	7°58	7°49	19°16	29°5	0°6	0°19	3°39	19°53	S 17
M 18	15 43 29	27°9'52	16°49	4°7	23°45	22°56	27°26	8°4	7°52	19°16	29°4	0°6	0°16	3°45	19°53	M 18
T 19	15 47 25	28°7'32	28°59	5°37	23°39	23°39	27°36	8°9	7°54	19°17	29°3	0°D 6	0°13	3°52	19°54	T 19
W 20	15 51 22	29°5'09	11♊0	7°9	23°30	24°22	27°46	8°15	7°57	19°18	29°2	0°6	0°9	3°59	19°54	W 20
T 21	15 55 18	0♌2'46	22°55	8°43	23°18	25°5	27°57	8°20	7°59	19°18	29°0	0°R 6	0°6	4°5	19°54	T 21
F 22	15 59 15	1°0'22	4♍45	10°20	23°4	25°48	28°7	8°26	8°1	19°19	28°59	0°6	0°3	4°12	19°54	F 22
S 23	16 3 12	1°57'56	16°35	11°59	22°48	26°30	28°17	8°31	8°4	19°20	28°58	0°5	29♊59	4°19	19°54	S 23
S 24	16 7 8	2°55'30	28°26	13°41	22°29	27°13	28°27	8°37	8°6	19°21	28°56	0°5	29°57	4°25	19°R54	S 24
M 25	16 11 5	3°53'03	10♋23	15°24	22°9	27°56	28°37	8°42	8°8	19°21	28°55	0°5	29°54	4°32	19°54	M 25
T 26	16 15 1	4°50'34	22°29	17°10	21°46	28°38	28°46	8°47	8°11	19°22	28°54	0°4	29°50	4°39	19°54	T 26
W 27	16 18 58	5°48'05	4♋49	18°59	21°20	29°21	28°56	8°53	8°13	19°23	28°52	0°D 4	29°47	4°45	19°54	W 27
T 28	16 22 54	6°45'35	17°28	20°49	20°53	0♌3	29°5	8°58	8°15	19°24	28°51	0°4	29°44	4°52	19°54	T 28
F 29	16 26 51	7°43'04	0♎28	22°42	20°24	0°46	29°15	9°3	8°17	19°25	28°50	0°5	29°41	4°59	19°54	F 29
S 30	16 30 47	8°40'32	13°52	24°37	19°53	1°28	29°24	9°8	8°19	19°26	28°48	0°5	29°38	5°5	19°53	S 30
S 31	16 34 44	9♌38'00	27°Y43	26♊34	19♌21	2♌10	29°H33	9♎13	8♏21	19♑27	28°A47	0♌6	29♊35	5♈12	19°55	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	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	15n 4	7s33	4s52	3n33	2s44	27n40	4n35	14n54	0s 8	3s18	1s 5	0n30	2s11	2n11	0s41	15n27	0n22	17s35	5n54	20n14	20n25	26s 5	8s41	6n36									
S 2	15 22	1 39	4 17	3 44	2 50	27 41	4 34	15 8	0 8	3 13	1 5	0 33	2 11	2 12	0 41	15 27	0 22	17 35	5 54	20 13	20 25	26 6	8 40	6 36									
S 3	15 40	4n30	3 26	3 56	2 55	27 42	4 33	15 23	0 7	3 8	1 5	0 35	2 11	2 13	0 41	15 27	0 22	17 35	5 54	20 12	20 24	26 7	8 40	6 36									
M 4	15 58	10 37	2 20	4 10	3 0	27 42	4 32	15 37	0 6	3 4	1 5	0 38	2 11	2 15	0 41	15 27	0 22	17 34	5 54	20 12	20 23	26 7	8 39	6 37									
T 5	16 15	16 17	1 5	4 27	3 3	27 42	4 30	15 50	0 6	2 59	1 5	0 40	2 11	2 16	0 41	15 27	0 22	17 34	5 54	20 12	20 23	26 8	8 38	6 37									
W 6	16 32	21 4	0n16	4 45	3 6	27 41	4 28	16 4	0 5	2 55	1 6	0 43	2 11	2 17	0 41	15 26	0 22	17 34	5 54	20 12	20 22	26 9	8 37	6 38									
T 7	16 49	24 31	1 37	5 5	3 8	27 40	4 25	16 17	0 4	2 50	1 6	0 45	2 12	2 18	0 41	15 26	0 22	17 34	5 54	20 12	20 21	26 9	8 37	6 38									
F 8	17 5	26 17	2 50	5 26	3 10	27 39	4 23	16 31	0 4	2 46	1 6	0 47	2 12	2 19	0 41	15 26	0 22	17 34	5 54	20 12	20 21	26 10	8 36	6 38									
S 9	17 21	26 12	3 52	5 49	3 10	27 36	4 20	16 44	0 3	2 42	1 6	0 50	2 12	2 20	0 41	15 26	0 22	17 34	5 54	20 12	20 20	26 11	8 35	6 39									
S 10	17 37	24 22	4 38	6 14	3 10	27 34	4 16	16 57	0 2	2 37	1 6	0 52	2 12	2 21	0 41	15 26	0 22	17 34	5 54	20 12	20 19	26 11	8 34	6 39									
M11	17 53	21 2	5 7	6 40	3 10	27 30	4 12	17 10	0 2	2 33	1 7	0 54	2 12	2 22	0 41	15 26	0 22	17 34	5 54	20 13	20 19	26 12	8 34	6 40									
T 12	18 8	16 36	5 17	7 7	3 9	27 27	4 8	17 22	0 1	2 29	1 7	0 56	2 12	2 23	0 41	15 26	0 22	17 34	5 54	20 13	20 18	26 12	8 33	6 40									
W13	18 23	11 26	5 9	7 36	3 7	27 22	4 3	17 35	0 0	2 24	1 7	0 59	2 13	2 24	0 41	15 26	0 22	17 34	5 54	20 12	20 17	26 13	8 33	6 40									
T 14	18 38	5 50	4 45	8 6	3 4	27 17	3 58	17 47	0n 0	2 20	1 7	1 1	2 13	2 25	0 41	15 26	0 22	17 34	5 54	20 12	20 17	26 13	8 32	6 41									
F 15	18 52	0 6	4 6	8 37	3 1	27 12	3 52	17 59	0 1	2 16	1 7	1 3	2 13	2 26	0 41	15 25	0 22	17 34	5 54	20 12	20 16	26 14	8 31	6 41									
S 16	19 6	5s32	3 16	9 9	2 57	27 6	3 46	18 11	0 1	2 12	1 8	1 5	2 13	2 27	0 41	15 25	0 22	17 34	5 54	20 12	20 15	26 15	8 31	6 42									
S 17	19 20	10 53	2 17	9 42	2 53	26 59	3 40	18 23	0 2	2 8	1 8	1 7	2 13	2 28	0 41	15 25	0 22	17 34	5 54	20 12	20 15	26 15	8 30	6 42									
M18	19 33	15 43	1 13	10 16	2 48	26 52	3 33	18 34	0 3	2 4	1 8	1 9	2 13	2 29	0 41	15 25	0 22	17 34	5 54	20 12	20 14	26 16	8 30	6 42									
T 19	19 46	19 51	0 6	10 51	2 42	26 44	3 25	18 46	0 3	2 0	1 8	1 12	2 14	2 30	0 41	15 25	0 22	17 34	5 54	20 12	20 13	26 16	8 29	6 43									
W20	19 59	23 7	1s 0	11 27	2 36	26 36	3 17	18 57	0 4	1 56	1 8	1 14	2 14	2 31	0 41	15 25	0 22	17 34	5 54	20 12	20 13	26 17	8 29	6 43									
T 21	20 11	25 20	2 3	12 4	2 30	26 27	3 9	19 8	0 5	1 52	1 9	1 16	2 14	2 32	0 41	15 24	0 22	17 34	5 54	20 12	20 12	26 17	8 28	6 44									
F 22	20 23	26 24	3 1	12 41	2 23	26 17	3 0	19 19	0 5	1 48	1 9	1 18	2 14	2 33	0 41	15 24	0 22	17 34	5 54	20 12	20 11	26 18	8 28	6 44									
S 23	20 35	26 15	3 50	13 18	2 15	26 6	2 50	19 30	0 6	1 44	1 9	1 20	2 14	2 34	0 42	15 24	0 22	17 34	5 54	20 12	20 11	26 18	8 27	6 44									
S 24	20 46	24 55	4 30	13 56	2 7	25 55	2 40	19 40	0 7	1 41	1 9	1 21	2 15	2 35	0 42	15 24	0 22	17 34	5 54	20 12	20 10	26 19	8 27	6 45									
M25	20 57	22 27	4 59	14 35	1 59	25 43	2 29	19 50	0 7	1 37	1 9	1 23	2 15	2 36	0 42	15 23	0 22	17 34	5 54	20 12	20 9	26 19	8 27	6 45									
T 26	21 8	18 59	5 15	15 13	1 50	25 31	2 18	20 1	0 8	1 33	1 10	1 25	2 15	2 37	0 42	15 23	0 22	17 34	5 54	20 12	20 9	26 20	8 26	6 46									
W27	21 18	14 39	5 16	15 52	1 41	25 18	2 7	20 10	0 8	1 30	1 10	1 27	2 15	2 37	0 42	15 23	0 22	17 34	5 54	20 12	20 8	26 20	8 26	6 46									
T 28	21 28	9 36	5 3	16 31	1 31	25 4	1 55	20 20	0 9	1 26	1 10	1 29	2 15	2 38	0 42	15 23	0 22	17 34	5 54	20 12	20 7	26 21	8 26	6 46									
F 29	21 38	4 0	4 34	17 9	1 21	24 50	1 43	20 30	0 10	1 23	1 10	1 31	2 16	2 39	0 42	15 22	0 22	17 34	5 54	20 12	20 7	26 21	8 25	6 47									
S 30	21 47	1n57	3 49	17 48	1 11	24 35	1 30	20 39	0 10	1 19	1 11	1 33	2 16	2 40	0 42	15 22	0 22	17 34	5 54	20 12	20 6	26 22	8 25	6 47									
S 31	21n56	8n 2	2s50	18n26	1s 1	24n19	1n17	20n48	0n11	1s16	1s11	1n34	2s16	2n41	0s42	15n22	0n22	17s34	5n54	20n12	20n 5	26s22	8s25	6n48									

Julian Day Number = 2364372.5, Delta T = 19.19 sec
Ecliptic obliquity = 23°28'18, Nutation = -0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°24'29, Lahiri = 20°31'30Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1761
geocentric

JUNE 1761

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	16 38 41	10 ^{II} 35'27	12 ⁸ 0	28 ⁸ 34	18°R47	2 ^{II} 53	29 ⁸ 42	9 ^Y 18	8 ^Y 23	19 ⁸ 28	28°R45	0 ^{II} 7	29 ⁸ 31	5 ⁸ 19	19°R53	M 1
T 2	16 42 37	11°32'53	26°39	0 ^{II} 35	18 ^{II} 12	3°35	29°51	9°22	8°25	19°29	28 ⁸ 44	0°R 7	29°28	5°25	19 ⁸ 52	T 2
W 3	16 46 34	12°30'19	11 ^{II} 36	2°38	17°36	4°17	29°59	9°27	8°27	19°30	28°42	0° 7	29°25	5°32	19°52	W 3
T 4	16 50 30	13°27'43	26°41	4°44	17° 0	4°59	0 ^Y 8	9°32	8°29	19°31	28°41	0° 6	29°22	5°39	19°51	T 4
F 5	16 54 27	14°25'07	11 ⁸ 47	6°50	16°22	5°41	0°17	9°36	8°31	19°32	28°39	0° 5	29°19	5°45	19°50	F 5
S 6	16 58 23	15°22'30	26°44	8°58	15°45	6°23	0°25	9°41	8°33	19°33	28°38	0° 3	29°15	5°52	19°49	S 6
S 7	17 2 20	16°19'52	11 ⁸ 24	11° 8	15° 7	7° 5	0°33	9°45	8°34	19°35	28°36	0° 1	29°12	5°59	19°49	S 7
M 8	17 6 17	17°17'12	25°43	13°18	14°30	7°47	0°41	9°49	8°36	19°36	28°35	29 ⁸ 59	29° 9	6° 5	19°48	M 8
T 9	17 10 13	18°14'32	9 ^{II} 38	15°30	13°53	8°29	0°49	9°54	8°38	19°37	28°33	29°59	29° 6	6°12	19°47	T 9
W10	17 14 10	19°11'50	23° 8	17°41	13°17	9°11	0°57	9°58	8°39	19°38	28°32	29°D59	29° 3	6°19	19°46	W10
T11	17 18 6	20° 9'08	6 ^{II} 16	19°53	12°41	9°52	1° 4	10° 2	8°41	19°40	28°30	29°59	29° 0	6°25	19°45	T11
F12	17 22 3	21° 6'25	19° 3	22° 5	12° 7	10°34	1°12	10° 6	8°42	19°41	28°29	0 ^{II} 1	28°56	6°32	19°43	F12
S13	17 25 59	22° 3'41	1 ^{II} 33	24°17	11°33	11°16	1°19	10°10	8°44	19°42	28°27	0° 2	28°53	6°39	19°42	S13
S14	17 29 56	23° 0'56	13°50	26°28	11° 2	11°57	1°26	10°14	8°45	19°44	28°26	0° 4	28°50	6°45	19°41	S14
M15	17 33 52	23°58'10	25°56	28°38	10°32	12°39	1°33	10°17	8°47	19°45	28°24	0°R 4	28°47	6°52	19°40	M15
T16	17 37 49	24°55'24	7 ⁸ 54	0 ⁸ 47	10° 4	13°20	1°40	10°21	8°48	19°46	28°23	0° 4	28°44	6°59	19°38	T16
W17	17 41 46	25°52'37	19°48	2°55	9°37	14° 2	1°47	10°25	8°50	19°48	28°21	0° 3	28°41	7° 5	19°37	W17
T18	17 45 42	26°49'50	1 ⁸ 38	5° 1	9°13	14°43	1°53	10°28	8°51	19°49	28°20	0° 0	28°37	7°12	19°35	T18
F19	17 49 39	27°47'03	13°28	7° 6	8°51	15°25	2° 0	10°31	8°52	19°51	28°18	29 ⁸ 56	28°34	7°19	19°34	F19
S20	17 53 35	28°44'15	25°19	9° 9	8°32	16° 6	2° 6	10°35	8°53	19°52	28°16	29°52	28°31	7°25	19°32	S20
S21	17 57 32	29°41'27	7 ⁸ 13	11°10	8°14	16°47	2°12	10°38	8°54	19°54	28°15	29°47	28°28	7°32	19°31	S21
M22	18 1 28	0 ⁸ 38'39	19°14	13° 9	7°59	17°28	2°18	10°41	8°56	19°55	28°13	29°42	28°25	7°39	19°29	M22
T23	18 5 25	1°35'50	1 ⁸ 23	15° 7	7°46	18°10	2°24	10°44	8°57	19°57	28°12	29°37	28°21	7°45	19°27	T23
W24	18 9 21	2°33'02	13°43	17° 2	7°36	18°51	2°29	10°47	8°58	19°59	28°10	29°35	28°18	7°52	19°25	W24
T25	18 13 18	3°30'14	26°20	18°56	7°28	19°32	2°35	10°50	8°59	20° 0	28° 9	29°33	28°15	7°59	19°24	T25
F26	18 17 15	4°27'25	9 ^Y 15	20°47	7°23	20°13	2°40	10°53	8°59	20° 2	28° 7	29°D33	28°12	8° 6	19°22	F26
S27	18 21 11	5°24'37	22°33	22°36	7°20	20°54	2°45	10°55	9° 0	20° 4	28° 6	29°34	28° 9	8°12	19°20	S27
S28	18 25 8	6°21'49	6 ⁸ 16	24°23	7°D19	21°35	2°50	10°58	9° 1	20° 5	28° 4	29°35	28° 6	8°19	19°18	S28
M29	18 29 4	7°19'02	20°25	26° 8	7°21	22°16	2°55	11° 1	9° 2	20° 7	28° 3	29°36	28° 2	8°26	19°16	M29
T30	18 33 1	8°21'14	5 ^{II} 0	27°51	7 ^{II} 25	22 ^{II} 56	2 ^Y 59	11 ^Y 3	9 ^Y 3	20° 9	28 ⁸ 1	29°R36	27 ⁸ 59	8°32	19 ⁸ 13	T30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓		♈	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	22n 4	13n53	1s39	19n 3	0s50	24n 3	1n 3	20n57	0n12	1s12	1s11	1n36	2s16	2n41	0s42	15n21	0n22	17s34	5n54	20n12	20n 5	26s23	8s25	6n48	
T 2	22 12	19 7	0 19	19 39	0 39	23 46	0 50	21 6	0 12	1 9	1 11	1 38	2 17	2 42	0 42	15 21	0 22	17 34	5 54	20 12	20 4	26 23	8 24	6 48	
W 3	22 20	23 15	1n 3	20 15	0 29	23 29	0 36	21 14	0 13	1 6	1 12	1 39	2 17	2 43	0 42	15 21	0 22	17 34	5 54	20 12	20 3	26 23	8 24	6 49	
T 4	22 27	25 48	2 22	20 49	0 18	23 12	0 22	21 23	0 13	1 3	1 12	1 41	2 17	2 44	0 42	15 20	0 22	17 34	5 54	20 12	20 2	26 24	8 24	6 49	
F 5	22 34	26 27	3 31	21 22	0 7	22 54	0 8	21 31	0 14	0 59	1 12	1 42	2 17	2 44	0 42	15 20	0 22	17 34	5 54	20 12	20 2	26 24	8 24	6 50	
S 6	22 40	25 10	4 24	21 53	0n 4	22 36	0s 6	21 39	0 15	0 56	1 12	1 44	2 17	2 45	0 42	15 20	0 22	17 34	5 53	20 11	20 1	26 25	8 24	6 50	
S 7	22 46	22 10	4 59	22 23	0 15	22 18	0 20	21 46	0 15	0 53	1 13	1 46	2 18	2 46	0 42	15 19	0 22	17 34	5 53	20 11	20 0	26 25	8 24	6 50	
M 8	22 52	17 54	5 15	22 50	0 25	22 0	0 35	21 54	0 16	0 50	1 13	1 47	2 18	2 46	0 42	15 19	0 22	17 34	5 53	20 11	20 0	26 26	8 24	6 51	
T 9	22 57	12 46	5 11	23 16	0 35	21 42	0 48	22 1	0 17	0 48	1 13	1 48	2 18	2 47	0 42	15 18	0 22	17 35	5 53	20 10	19 59	26 26	8 23	6 51	
W10	23 2	7 10	4 51	23 39	0 45	21 24	1 2	22 8	0 17	0 45	1 13	1 50	2 18	2 48	0 42	15 18	0 22	17 35	5 53	20 10	19 58	26 26	8 23	6 51	
T11	23 6	1 25	4 15	23 59	0 54	21 6	1 16	22 15	0 18	0 42	1 14	1 51	2 19	2 48	0 42	15 18	0 22	17 35	5 53	20 11	19 58	26 27	8 23	6 52	
F12	23 10	4s16	3 27	24 17	1 3	20 48	1 29	22 22	0 18	0 39	1 14	1 53	2 19	2 49	0 42	15 17	0 22	17 35	5 53	20 11	19 57	26 27	8 23	6 52	
S13	23 14	9 40	2 31	24 32	1 11	20 31	1 42	22 28	0 19	0 36	1 14	1 54	2 19	2 49	0 42	15 17	0 22	17 35	5 53	20 11	19 56	26 27	8 23	6 53	
S14	23 17	14 36	1 28	24 44	1 19	20 14	1 55	22 35	0 20	0 34	1 14	1 55	2 19	2 50	0 42	15 16	0 22	17 35	5 53	20 11	19 56	26 28	8 24	6 53	
M15	23 20	18 54	0 23	24 53	1 26	19 58	2 7	22 41	0 20	0 31	1 15	1 56	2 20	2 50	0 42	15 16	0 22	17 35	5 53	20 12	19 55	26 28	8 24	6 53	
T16	23 22	22 22	0s43	25 0	1 32	19 42	2 19	22 46	0 21	0 29	1 15	1 58	2 20	2 51	0 42	15 15	0 22	17 35	5 53	20 12	19 54	26 28	8 24	6 54	
W17	23 24	24 51	1 46	25 4	1 37	19 27	2 30	22 52	0 21	0 26	1 15	1 59	2 20	2 51	0 42	15 15	0 22	17 35	5 53	20 11	19 53	26 29	8 24	6 54	
T18	23 26	26 12	2 45	25 5	1 42	19 12	2 41	22 58	0 22	0 24	1 15	2 0	2 20	2 52	0 42	15 15	0 22	17 35	5 53	20 11	19 53	26 29	8 24	6 54	
F19	23 27	26 22	3 36	25 3	1 46	18 59	2 52	23 3	0 23	0 22	1 16	2 1	2 21	2 52	0 42	15 14	0 22	17 35	5 52	20 10	19 52	26 29	8 24	6 55	
S20	23 28	25 19	4 18	24 59	1 50	18 46	3 2	23 8	0 23	0 20	1 16	2 2	2 21	2 53	0 42	15 14	0 22	17 35	5 52	20 9	19 51	26 30	8 24	6 55	
S21	23 28	23 8	4 49	24 52	1 52	18 34	3 11	23 13	0 24	0 17	1 16	2 3	2 21	2 53	0 42	15 13	0 22	17 35	5 52	20 8	19 51	26 30	8 24	6 55	
M22	23 28	19 56	5 7	24 43	1 54	18 23	3 20	23 17	0 24	0 15	1 17	2 4	2 21	2 54	0 42	15 13	0 22	17 35	5 52	20 7	19 50	26 30	8 25	6 56	
T23	23 28	15 51	5 12	24 32	1 55	18 13	3 28	23 21	0 25	0 13	1 17	2 5	2 22	2 54	0 42	15 12	0 22	17 36	5 52	20 6	19 49	26 31	8 25	6 56	
W24	23 27	11 4	5 3	24 18	1 56	18 3	3 36	23 26	0 26	0 11	1 17	2 6	2 22	2 54	0 42	15 12	0 22	17 36	5 52	20 5	19 49	26 31	8 25	6 56	
T25	23 25	5 43	4 39	24 2	1 56	17 55	3 44	23 30	0 26	0 9	1 17	2 7	2 22	2 55	0 42	15 11	0 22	17 36	5 52	20 5	19 48	26 31	8 25	6 56	
F26	23 24	0 1	4 0	23 45	1 55	17 47	3 50	23 33	0 27	0 7	1 18	2 8	2 22	2 55	0 42	15 11	0 22	17 36	5 52	20 5	19 47	26 31	8 26	6 57	
S27	23 22	5n52	3 8	23 26	1 53	17 40	3 57	23 37	0 27	0 6	1 18	2 8	2 23	2 55	0 43	15 10	0 22	17 36	5 52	20 5	19 46	26 32	8 26	6 57	
S28	23 19	11 41	2 4	23 5	1 51	17 34	4 3	23 40	0 28	0 4	1 18	2 9	2 23	2 56	0 43	15 10	0 22	17 36	5 51	20 5	19 46	26 32	8 26	6 57	
M29	23 16	17 5	0 50	22 43	1 48	17 29	4 8	23 43	0 29	0 2	1 19	2 10	2 23	2 56	0 43	15 9	0 22	17 36	5 51	20 6	19 45	26 32	8 27	6 58	
T30	23n13	21n38	0n29	22n19	1n44	17n25	4s13	23n46	0n29	0s 1	1s19	2n11	2s24	2n56	0s43	15n 8	0n22	17s36	5n51	20n 6	19n44	26s32	8s27	6n58	

ASTRODIENST EPHEMERIS for the year 1761

geocentric

JULY 1761

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	18 36 57	9 ⁵ 13'27	19 ^{II} 55	29 [♈] 31	7 ^{II} 31	23 ^{II} 37	3 ^Y 4	11 ^Y 5	9 ^Y 3	20 ^{II} 11	28 ^R 0	29 ^R 35	27 [♊] 56	8 [♋] 39	19 ^R 11	W 1
T 2	18 40 54	10 [°] 10'40	5 [♈] 5	1 [♊] 10	7 [°] 39	24 [°] 18	3 [°] 8	11 [°] 7	9 [°] 4	20 [°] 12	27 [♊] 58	29 [♋] 32	27 [°] 53	8 [°] 46	19 [≈] 9	T 2
F 3	18 44 50	11 [°] 7'53	20 [°] 20	2 [°] 46	7 [°] 50	24 [°] 59	3 [°] 12	11 [°] 10	9 [°] 4	20 [°] 14	27 [°] 57	29 [°] 27	27 [°] 50	8 [°] 52	19 [°] 7	F 3
S 4	18 48 47	12 [°] 5'06	5 [♊] 30	4 [°] 21	8 [°] 2	25 [°] 39	3 [°] 16	11 [°] 12	9 [°] 5	20 [°] 16	27 [°] 55	29 [°] 21	27 [°] 47	8 [°] 59	19 [°] 5	S 4
S 5	18 52 44	13 [°] 2'19	20 [°] 24	5 [°] 53	8 [°] 16	26 [°] 20	3 [°] 20	11 [°] 13	9 [°] 5	20 [°] 18	27 [°] 54	29 [°] 15	27 [°] 43	9 [°] 6	19 [°] 2	S 5
M 6	18 56 40	13 [°] 59'32	4 [♊] 56	7 [°] 23	8 [°] 33	27 [°] 1	3 [°] 23	11 [°] 15	9 [°] 6	20 [°] 20	27 [°] 52	29 [°] 9	27 [°] 40	9 [°] 12	19 [°] 0	M 6
T 7	19 0 37	14 [°] 56'44	19 [°] 0	8 [°] 51	8 [°] 51	27 [°] 41	3 [°] 27	11 [°] 17	9 [°] 6	20 [°] 21	27 [°] 51	29 [°] 4	27 [°] 37	9 [°] 19	18 [°] 57	T 7
W 8	19 4 33	15 [°] 53'57	2 [♊] 35	10 [°] 16	9 [°] 11	28 [°] 21	3 [°] 30	11 [°] 19	9 [°] 7	20 [°] 23	27 [°] 49	29 [°] 2	27 [°] 34	9 [°] 26	18 [°] 55	W 8
T 9	19 8 30	16 [°] 51'09	15 [°] 43	11 [°] 40	9 [°] 33	29 [°] 2	3 [°] 33	11 [°] 20	9 [°] 7	20 [°] 25	27 [°] 48	29 [°] D 1	27 [°] 31	9 [°] 32	18 [°] 52	T 9
F 10	19 12 26	17 [°] 48'22	28 [°] 27	13 [°] 1	9 [°] 56	29 [°] 42	3 [°] 35	11 [°] 21	9 [°] 7	20 [°] 27	27 [°] 46	29 [°] 1	27 [°] 27	9 [°] 39	18 [°] 50	F 10
S 11	19 16 23	18 [°] 45'35	10 [♊] 51	14 [°] 20	10 [°] 22	0 [♈] 23	3 [°] 38	11 [°] 23	9 [°] 7	20 [°] 29	27 [°] 45	29 [°] 3	27 [°] 24	9 [°] 46	18 [°] 47	S 11
S 12	19 20 19	19 [°] 42'47	23 [°] 0	15 [°] 36	10 [°] 48	1 [°] 3	3 [°] 40	11 [°] 24	9 [°] 7	20 [°] 31	27 [°] 43	29 [°] R 4	27 [°] 21	9 [°] 52	18 [°] 45	S 12
M13	19 24 16	20 [°] 40'00	4 [♊] 59	16 [°] 50	11 [°] 17	1 [°] 43	3 [°] 42	11 [°] 25	9 [°] 8	20 [°] 33	27 [°] 42	29 [°] 4	27 [°] 18	9 [°] 59	18 [°] 42	M13
T 14	19 28 13	21 [°] 37'13	16 [°] 51	18 [°] 2	11 [°] 46	2 [°] 23	3 [°] 45	11 [°] 26	9 [°] R 8	20 [°] 35	27 [°] 41	29 [°] 2	27 [°] 15	10 [°] 6	18 [°] 39	T 14
W15	19 32 9	22 [°] 34'27	28 [°] 41	19 [°] 11	12 [°] 18	3 [°] 3	3 [°] 46	11 [°] 27	9 [°] 8	20 [°] 37	27 [°] 39	28 [°] 58	27 [°] 12	10 [°] 12	18 [°] 37	W15
T 16	19 36 6	23 [°] 31'41	10 [♈] 30	20 [°] 17	12 [°] 50	3 [°] 43	3 [°] 48	11 [°] 28	9 [°] 8	20 [°] 39	27 [°] 38	28 [°] 52	27 [°] 8	10 [°] 19	18 [°] 34	T 16
F 17	19 40 2	24 [°] 28'55	22 [°] 21	21 [°] 21	13 [°] 24	4 [°] 23	3 [°] 49	11 [°] 29	9 [°] 7	20 [°] 41	27 [°] 37	28 [°] 43	27 [°] 5	10 [°] 26	18 [°] 31	F 17
S 18	19 43 59	25 [°] 26'10	4 [≈] 17	22 [°] 21	13 [°] 59	5 [°] 3	3 [°] 51	11 [°] 29	9 [°] 7	20 [°] 43	27 [°] 35	28 [°] 33	27 [°] 2	10 [°] 33	18 [°] 28	S 18
S 19	19 47 55	26 [°] 23'25	16 [°] 18	23 [°] 19	14 [°] 36	5 [°] 43	3 [°] 52	11 [°] 30	9 [°] 7	20 [°] 45	27 [°] 34	28 [°] 23	26 [°] 59	10 [°] 39	18 [°] 25	S 19
M20	19 51 52	27 [°] 20'41	28 [°] 26	24 [°] 14	15 [°] 13	6 [°] 23	3 [°] 53	11 [°] 30	9 [°] 7	20 [°] 47	27 [°] 33	28 [°] 12	26 [°] 56	10 [°] 46	18 [°] 23	M20
T 21	19 55 49	28 [°] 17'58	10 [♊] 43	25 [°] 6	15 [°] 52	7 [°] 3	3 [°] 53	11 [°] 30	9 [°] 6	20 [°] 49	27 [°] 31	28 [°] 3	26 [°] 53	10 [°] 53	18 [°] 20	T 21
W22	19 59 45	29 [°] 15'15	23 [°] 11	25 [°] 55	16 [°] 32	7 [°] 43	3 [°] 54	11 [°] 31	9 [°] 6	20 [°] 51	27 [°] 30	27 [°] 56	26 [°] 49	10 [°] 59	18 [°] 17	W22
T 23	20 3 42	0 [♊] 12'34	5 ^Y 51	26 [°] 40	17 [°] 13	8 [°] 23	3 [°] 54	11 [°] R31	9 [°] 6	20 [°] 54	27 [°] 29	27 [°] 51	26 [°] 46	11 [°] 6	18 [°] 14	T 23
F 24	20 7 38	1 [°] 9'53	18 [°] 46	27 [°] 21	17 [°] 55	9 [°] 2	3 [°] R54	11 [°] 31	9 [°] 5	20 [°] 56	27 [°] 28	27 [°] 48	26 [°] 43	11 [°] 13	18 [°] 11	F 24
S 25	20 11 35	2 [°] 7'14	2 [♊] 0	27 [°] 59	18 [°] 37	9 [°] 42	3 [°] 54	11 [°] 31	9 [°] 5	20 [°] 58	27 [°] 26	27 [°] D47	26 [°] 40	11 [°] 19	18 [°] 8	S 25
S 26	20 15 31	3 [°] 4'35	15 [°] 36	28 [°] 33	19 [°] 21	10 [°] 22	3 [°] 53	11 [°] 30	9 [°] 4	21 [°] 0	27 [°] 25	27 [°] 48	26 [°] 37	11 [°] 26	18 [°] 5	S 26
M27	20 19 28	4 [°] 1'58	29 [°] 34	29 [°] 2	20 [°] 6	11 [°] 1	3 [°] 53	11 [°] 30	9 [°] 4	21 [°] 2	27 [°] 24	27 [°] R48	26 [°] 33	11 [°] 33	18 [°] 2	M27
T 28	20 23 24	4 [°] 59'22	13 ^{II} 55	29 [°] 28	20 [°] 52	11 [°] 41	3 [°] 52	11 [°] 30	9 [°] 3	21 [°] 4	27 [°] 23	27 [°] 47	26 [°] 30	11 [°] 39	17 [°] 59	T 28
W29	20 27 21	5 [°] 56'47	28 [°] 38	29 [°] 49	21 [°] 38	12 [°] 20	3 [°] 51	11 [°] 29	9 [°] 2	21 [°] 6	27 [°] 22	27 [°] 44	26 [°] 27	11 [°] 46	17 [°] 56	W29
T 30	20 31 18	6 [°] 54'13	13 [♈] 38	0 [♊] 5	22 [°] 25	13 [°] 0	3 [°] 50	11 [°] 28	9 [°] 2	21 [°] 9	27 [°] 21	27 [°] 38	26 [°] 24	11 [°] 53	17 [°] 53	T 30
F 31	20 35 14	7 [♊] 51'40	28 [♈] 47	0 [♊] 17	23 ^{II} 13	13 [♈] 39	3 ^Y 49	11 ^Y 28	9 ^Y 1	21 [♊] 11	27 [♊] 20	27 [♋] 30	26 [♊] 21	11 [♈] 59	17 [≈] 50	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
W 1	23n 9	24n53	1n48	21n55	1n40	17n21	4s18	23n49	0n30	0n 1	1s19	2n11	2s24	2n56	0s43	15n 8	0n22	17s36	5n51	20n 5	19n44	26s33	8s27	6n58	
T 2	23 5	26 23	3 1	21 29	1 36	17 19	4 22	23 51	0 30	0 2	1 19	2 12	2 24	2 57	0 43	15 7	0 22	17 37	5 51	20 5	19 43	26 33	8 28	6 58	
F 3	23 0	25 53	4 0	21 2	1 30	17 17	4 25	23 53	0 31	0 3	1 20	2 12	2 24	2 57	0 43	15 7	0 22	17 37	5 51	20 4	19 42	26 33	8 28	6 59	
S 4	22 55	23 29	4 43	20 34	1 24	17 15	4 29	23 55	0 31	0 5	1 20	2 13	2 25	2 57	0 43	15 6	0 22	17 37	5 51	20 2	19 41	26 33	8 29	6 59	
S 5	22 50	19 32	5 5	20 5	1 18	17 15	4 32	23 57	0 32	0 6	1 20	2 13	2 25	2 57	0 43	15 6	0 22	17 37	5 50	20 1	19 41	26 33	8 29	6 59	
M 6	22 44	14 29	5 7	19 36	1 11	17 15	4 34	23 59	0 33	0 7	1 21	2 14	2 25	2 57	0 43	15 5	0 22	17 37	5 50	20 0	19 40	26 34	8 30	6 59	
T 7	22 38	8 49	4 51	19 6	1 4	17 15	4 36	24 0	0 33	0 8	1 21	2 14	2 25	2 57	0 43	15 4	0 22	17 37	5 50	19 59	19 39	26 34	8 30	7 0	
W 8	22 31	2 55	4 18	18 36	0 56	17 16	4 38	24 1	0 34	0 9	1 21	2 15	2 26	2 58	0 43	15 4	0 22	17 37	5 50	19 58	19 39	26 34	8 31	7 0	
T 9	22 24	2s56	3 32	18 5	0 48	17 18	4 40	24 2	0 34	0 10	1 21	2 15	2 26	2 58	0 43	15 3	0 22	17 37	5 50	19 58	19 38	26 34	8 31	7 0	
F 10	22 17	8 29	2 38	17 34	0 39	17 20	4 41	24 3	0 35	0 11	1 22	2 15	2 26	2 58	0 43	15 3	0 22	17 38	5 50	19 58	19 37	26 34	8 32	7 0	
S 11	22 9	13 34	1 37	17 2	0 30	17 23	4 42	24 4	0 36	0 11	1 22	2 16	2 27	2 58	0 43	15 2	0 22	17 38	5 49	19 58	19 36	26 34	8 32	7 0	
S 12	22 1	18 1	0 33	16 31	0 21	17 26	4 42	24 4	0 36	0 12	1 22	2 16	2 27	2 58	0 43	15 1	0 22	17 38	5 49	19 59	19 36	26 35	8 33	7 1	
M13	21 53	21 41	0s32	15 59	0 11	17 30	4 43	24 4	0 37	0 13	1 23	2 16	2 27	2 58	0 43	15 1	0 22	17 38	5 49	19 59	19 35	26 35	8 34	7 1	
T 14	21 44	24 23	1 34	15 28	0 1	17 33	4 43	24 4	0 37	0 13	1 23	2 16	2 27	2 58	0 43	15 0	0 22	17 38	5 49	19 58	19 34	26 35	8 34	7 1	
W15	21 35	26 0	2 32	14 56	0s10	17 38	4 43	24 4	0 38	0 14	1 23	2 16	2 28	2 58	0 43	15 0	0 22	17 38	5 49	19 57	19 34	26 35	8 35	7 1	
T 16	21 25	26 26	3 23	14 25	0 21	17 42	4 42	24 3	0 38	0 14	1 24	2 16	2 28	2 58	0 43	14 59	0 22	17 39	5 49	19 56	19 33	26 35	8 36	7 1	
F 17	21 15	25 39	4 6	13 54	0 32	17 47	4 42	24 3	0 39	0 14	1 24	2 16	2 28	2 58	0 43	14 58	0 22	17 39	5 48	19 54	19 32	26 35	8 36	7 2	
S 18	21 5	23 42	4 38	13 24	0 43	17 52	4 41	24 2	0 39	0 15	1 24	2 16	2 29	2 57	0 43	14 58	0 22	17 39	5 48	19 52	19 31	26 35	8 37	7 2	
S 19	20 54	20 42	4 57	12 54	0 55	17 57	4 40	24 1	0 40	0 15	1 24	2 16	2 29	2 57	0 43	14 57	0 22	17 39	5 48	19 50	19 31	26 35	8 38	7 2	
M20	20 43	16 47	5 4	12 24	1 7	18 2	4 38	24 0	0 41	0 15	1 25	2 16	2 29	2 57	0 43	14 56	0 22	17 39	5 48	19 47	19 30	26 35	8 38	7 2	
T 21	20 32	12 8	4 57	11 56	1 19	18 8	4 37	23 58	0 41	0 15	1 25	2 16	2 29	2 57	0 43	14 56	0 22	17 39	5 48	19 45	19 29	26 36	8 39	7 2	
W22	20 20	6 55	4 35	11 28	1 32	18 14	4 35	23 56	0 42	0 15	1 25	2 16	2 30	2 57	0 43	14 55	0 22	17 40	5 47	19 43	19 28	26 36	8 40	7 2	
T 23	20 8	1 21	4 0	11 1	1 44	18 19	4 33	23 55	0 42	0 14	1 26	2 16	2 30	2 57	0 43	14 54	0 22	17 40	5 47	19 42	19 28	26 36	8 41	7 2	
F 24	19 56	4n24	3 12	10 35	1 57	18 25	4 31	23 52	0 43	0 14	1 26	2 15	2 30	2 57	0 43	14 54	0 22	17 40	5 47	19 42	19 27	26 36	8 41	7 3	
S 25	19 43	10 6	2 13	10 10	2 9	18 31	4 29	23 50	0 43	0 14	1 26	2 15	2 31	2 56	0 43	14 53	0 22	17 40	5 47	19 42	19 26	26 36	8 42	7 3	
S 26	19 30	15 30	1 5	9 46	2 22	18 37	4 27	23 48	0 44	0 13	1 27	2 15	2 31	2 56	0 43	14 52	0 22	17 40	5 47	19 42	19 25	26 36	8 43	7 3	
M27	19 16	20 14	0n 9	9 24	2 35	18 43	4 24	23 45	0 44	0 13	1 27	2 14	2 31	2 56	0 43	14 52	0 22	17 41	5 46	19 42	19 25	26 36	8 44	7 3	
T 28	19 3	23 54	1 25	9 3	2 48	18 49	4 21	23 42	0 45	0 12	1 27	2 14	2 31	2 56	0 43	14 51	0 22	17 41	5 46	19 42	19 24	26 36	8 45	7 3	
W29	18 49	26 4	2 36	8 44	3 0	18 54	4 19	23 39	0 46	0 12	1 27	2 13	2 32	2 55	0 44	14 50	0 22	17 41	5 46	19 41	19 23	26 36	8 46	7 3	
T 30	18 34	26 23	3 38	8 27	3 13	19 0	4 16	23 36	0 46	0 11	1 28	2 13	2 32	2 55	0 44	14 50	0 22	17 41	5 46	19 40	19 22	26 36	8 46	7 3	
F 31	18n20	24n45	4n25	8n12	3s25	19n 5	4s13	23n33	0n47	0n10	1s28	2n12	2s32	2n55	0s44	14n49	0n22	17s41	5n45	19n38	19n22	26s36	8s47	7n	

ASTRODIENST EPHEMERIS for the year 1761
geocentric

AUGUST 1761

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	20 39 11	8♌09'09	13♌54	0♊23	24♊2	14♌19	3°R47	11°R27	9°R 0	21♌13	27°R19	27°R21	26♌18	12♌6	17°R46	S 1
S 2	20 43 7	9°46'38	28°50	0°R25	24°52	14°58	3°V46	11°V26	8°V59	21°15	27♌18	27♌10	26°14	12°13	17°R43	S 2
M 3	20 47 4	10°44'08	13♊26	0°21	25°42	15°37	3°44	11°25	8°58	21°17	27°17	27° 0	26°11	12°19	17°40	M 3
T 4	20 51 0	11°41'38	27°36	0°12	26°33	16°17	3°42	11°24	8°57	21°19	27°16	26°52	26° 8	12°26	17°37	T 4
W 5	20 54 57	12°39'10	11♌16	29♌57	27°24	16°56	3°39	11°23	8°56	21°22	27°15	26°47	26° 5	12°33	17°34	W 5
T 6	20 58 53	13°36'42	24°28	29°38	28°16	17°35	3°37	11°21	8°55	21°24	27°14	26°43	26° 2	12°40	17°31	T 6
F 7	21 2 50	14°34'16	7♌14	29°13	29° 9	18°14	3°34	11°20	8°54	21°26	27°13	26°42	25°59	12°46	17°28	F 7
S 8	21 6 47	15°31'50	19°38	28°42	0♌3	18°53	3°31	11°18	8°53	21°28	27°12	26°42	25°55	12°53	17°24	S 8
S 9	21 10 43	16°29'25	1♌46	28° 7	0°56	19°32	3°28	11°17	8°52	21°30	27°11	26°42	25°52	13° 0	17°21	S 9
M10	21 14 40	17°27'02	13°43	27°28	1°51	20°11	3°25	11°15	8°51	21°33	27°10	26°41	25°49	13° 6	17°18	M10
T 11	21 18 36	18°24'39	25°33	26°45	2°46	20°50	3°21	11°13	8°50	21°35	27° 9	26°38	25°46	13°13	17°15	T 11
W12	21 22 33	19°22'17	7♌22	25°58	3°41	21°29	3°18	11°11	8°48	21°37	27° 8	26°32	25°43	13°20	17°12	W12
T 13	21 26 29	20°19'56	19°13	25° 9	4°37	22° 8	3°14	11° 9	8°47	21°39	27° 8	26°24	25°39	13°26	17° 9	T 13
F 14	21 30 26	21°17'37	1♌9	24°18	5°34	22°47	3°10	11° 7	8°46	21°42	27° 7	26°13	25°36	13°33	17° 5	F 14
S 15	21 34 22	22°15'19	13°12	23°27	6°31	23°26	3° 6	11° 5	8°44	21°44	27° 6	26° 1	25°33	13°40	17° 2	S 15
S 16	21 38 19	23°13'02	25°23	22°35	7°28	24° 4	3° 1	11° 3	8°43	21°46	27° 5	25°47	25°30	13°46	16°59	S 16
M17	21 42 16	24°10'46	7♌44	21°45	8°26	24°43	2°57	11° 0	8°41	21°48	27° 5	25°34	25°27	13°53	16°56	M17
T 18	21 46 12	25° 8'32	20°14	20°57	9°24	25°22	2°52	10°58	8°40	21°50	27° 4	25°22	25°24	14° 0	16°53	T 18
W19	21 50 9	26° 6'19	2°V55	20°13	10°23	26° 0	2°47	10°55	8°38	21°53	27° 4	25°12	25°20	14° 6	16°50	W19
T 20	21 54 5	27° 4'08	15°47	19°32	11°22	26°39	2°42	10°53	8°37	21°55	27° 3	25° 5	25°17	14°13	16°47	T 20
F 21	21 58 2	28° 1'59	28°52	18°57	12°22	27°17	2°37	10°50	8°35	21°57	27° 2	25° 1	25°14	14°20	16°44	F 21
S 22	22 1 58	28°59'52	12♌10	18°28	13°22	27°56	2°32	10°47	8°33	21°59	27° 2	25° 0	25°11	14°27	16°41	S 22
S 23	22 5 55	29°57'46	25°44	18° 5	14°22	28°34	2°26	10°44	8°31	22° 2	27° 1	24°59	25° 8	14°33	16°38	S 23
M24	22 9 51	0♊55'42	9♊35	17°50	15°23	29°13	2°21	10°41	8°30	22° 4	27° 1	24°59	25° 5	14°40	16°35	M24
T 25	22 13 48	1°53'41	23°44	17°D42	16°24	29°51	2°15	10°38	8°28	22° 6	27° 0	24°58	25° 1	14°47	16°32	T 25
W26	22 17 45	2°51'41	8♌10	17°43	17°25	0♌29	2° 9	10°35	8°26	22° 8	27° 0	24°55	24°58	14°53	16°29	W26
T 27	22 21 41	3°49'43	22°51	17°51	18°27	1° 8	2° 3	10°32	8°24	22°10	27° 0	24°49	24°55	15° 0	16°26	T 27
F 28	22 25 38	4°47'47	7♌40	18° 8	19°29	1°46	1°57	10°29	8°22	22°13	26°59	24°40	24°52	15° 7	16°23	F 28
S 29	22 29 34	5°45'52	22°30	18°34	20°31	2°24	1°50	10°25	8°21	22°15	26°59	24°30	24°49	15°13	16°20	S 29
S 30	22 33 31	6°44'00	7♊13	19° 8	21°34	3° 2	1°44	10°22	8°19	22°17	26°59	24°19	24°45	15°20	16°17	S 30
M31	22 37 27	7♊42'09	21♊40	19♌49	22♌36	3♌40	1°V37	10°V18	8°V17	22♌19	26♌58	24♌8	24♌42	15♌27	16°R14	M31

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	18n 5	21n22	4n54	7n58	3s36	19n11	4s10	23n29	0n47	0n 9	1s28	2n12	2s32	2n54	0s44	14n48	0n22	17s42	5n45	19n36	19n21	26s36	8s48	7n 3	
S 2	17 49	16 36	5 2	7 47	3 48	19 16	4 6	23 25	0 48	0 8	1 29	2 11	2 33	2 54	0 44	14 47	0 23	17 42	5 45	19 33	19 20	26 36	8 49	7 3	
M 3	17 34	10 58	4 50	7 39	3 58	19 21	4 3	23 21	0 48	0 7	1 29	2 10	2 33	2 54	0 44	14 47	0 23	17 42	5 45	19 31	19 20	26 36	8 50	7 3	
T 4	17 18	4 56	4 20	7 33	4 8	19 26	3 59	23 17	0 49	0 6	1 29	2 10	2 33	2 53	0 44	14 46	0 23	17 42	5 45	19 29	19 19	26 36	8 51	7 3	
W 5	17 2	1s 9	3 36	7 29	4 17	19 31	3 56	23 13	0 49	0 5	1 29	2 9	2 34	2 53	0 44	14 45	0 23	17 42	5 44	19 28	19 18	26 36	8 52	7 3	
T 6	16 46	6 59	2 42	7 28	4 26	19 35	3 52	23 8	0 50	0 4	1 30	2 8	2 34	2 52	0 44	14 45	0 23	17 43	5 44	19 27	19 17	26 36	8 53	7 3	
F 7	16 29	12 21	1 41	7 30	4 33	19 40	3 48	23 4	0 50	0 3	1 30	2 8	2 34	2 52	0 44	14 44	0 23	17 43	5 44	19 27	19 17	26 36	8 54	7 3	
S 8	16 12	17 4	0 37	7 35	4 39	19 44	3 45	22 59	0 51	0 1	1 30	2 7	2 34	2 51	0 44	14 43	0 23	17 43	5 44	19 27	19 16	26 36	8 55	7 3	
S 9	15 55	20 59	0s27	7 43	4 43	19 47	3 41	22 54	0 51	0s 0	1 31	2 6	2 35	2 51	0 44	14 43	0 23	17 43	5 43	19 27	19 15	26 36	8 56	7 3	
M10	15 37	23 57	1 29	7 53	4 46	19 51	3 37	22 49	0 52	0 2	1 31	2 5	2 35	2 50	0 44	14 42	0 23	17 44	5 43	19 26	19 14	26 36	8 57	7 3	
T 11	15 20	25 50	2 26	8 6	4 48	19 54	3 33	22 43	0 53	0 3	1 31	2 4	2 35	2 50	0 44	14 41	0 23	17 44	5 43	19 26	19 14	26 35	8 58	7 3	
W12	15 2	26 33	3 17	8 22	4 47	19 57	3 28	22 38	0 53	0 5	1 31	2 3	2 35	2 49	0 44	14 40	0 23	17 44	5 43	19 24	19 13	26 35	8 59	7 3	
T 13	14 44	26 3	4 0	8 41	4 45	19 59	3 24	22 32	0 54	0 7	1 32	2 2	2 36	2 49	0 44	14 40	0 23	17 44	5 42	19 23	19 12	26 35	9 0	7 3	
F 14	14 25	24 21	4 32	9 1	4 41	20 1	3 20	22 26	0 54	0 9	1 32	2 1	2 36	2 48	0 44	14 39	0 23	17 44	5 42	19 20	19 11	26 35	9 1	7 3	
S 15	14 7	21 33	4 52	9 24	4 35	20 3	3 16	22 20	0 55	0 11	1 32	2 0	2 36	2 48	0 44	14 38	0 23	17 45	5 42	19 17	19 10	26 35	9 2	7 3	
S 16	13 48	17 46	5 0	9 48	4 27	20 5	3 11	22 14	0 55	0 13	1 32	1 59	2 36	2 47	0 44	14 38	0 23	17 45	5 42	19 14	19 10	26 35	9 3	7 3	
M17	13 29	13 13	4 53	10 13	4 17	20 6	3 7	22 7	0 56	0 15	1 33	1 58	2 37	2 46	0 44	14 37	0 23	17 45	5 41	19 11	19 9	26 35	9 4	7 2	
T 18	13 9	8 3	4 32	10 39	4 6	20 6	3 2	22 1	0 56	0 17	1 33	1 56	2 37	2 46	0 44	14 36	0 23	17 45	5 41	19 8	19 8	26 35	9 5	7 2	
W19	12 50	2 29	3 58	11 5	3 53	20 7	2 58	21 54	0 57	0 19	1 33	1 55	2 37	2 45	0 44	14 35	0 23	17 46	5 41	19 5	19 7	26 35	9 6	7 2	
T 20	12 30	3n17	3 11	11 31	3 39	20 6	2 53	21 47	0 57	0 21	1 33	1 54	2 37	2 45	0 44	14 35	0 23	17 46	5 40	19 4	19 7	26 34	9 7	7 2	
F 21	12 10	9 0	2 13	11 57	3 23	20 6	2 49	21 40	0 58	0 23	1 34	1 53	2 37	2 44	0 44	14 34	0 23	17 46	5 40	19 3	19 6	26 34	9 8	7 2	
S 22	11 50	14 26	1 7	12 22	3 6	20 5	2 44	21 33	0 58	0 26	1 34	1 51	2 38	2 43	0 44	14 33	0 23	17 46	5 40	19 2	19 5	26 34	9 9	7 2	
S 23	11 30	19 17	0n 4	12 45	2 49	20 3	2 39	21 26	0 59	0 28	1 34	1 50	2 38	2 43	0 44	14 33	0 23	17 47	5 40	19 2	19 4	26 34	9 10	7 2	
M24	11 10	23 11	1 16	13 7	2 31	20 1	2 35	21 19	0 59	0 30	1 34	1 49	2 38	2 42	0 44	14 32	0 23	17 47	5 39	19 2	19 4	26 34	9 11	7 2	
T 25	10 49	25 45	2 26	13 27	2 12	19 59	2 30	21 11	1 0	0 33	1 35	1 47	2 38	2 41	0 44	14 31	0 23	17 47	5 39	19 2	19 3	26 34	9 12	7 1	
W26	10 28	26 40	3 27	13 44	1 54	19 56	2 25	21 3	1 0	0 35	1 35	1 46	2 39	2 40	0 44	14 31	0 23	17 47	5 39	19 1	19 2	26 33	9 13	7 1	
T 27	10 7	25 44	4 16	13 59	1 35	19 53	2 21	20 55	1 1	0 38	1 35	1 44	2 39	2 40	0 44	14 30	0 23	17 48	5 39	19 0	19 1	26 33	9 14	7 1	
F 28	9 46	23 1	4 48	14 11	1 17	19 49	2 16	20 47	1 1	0 41	1 35	1 43	2 39	2 39	0 44	14 29	0 23	17 48	5 38	18 58	19 1	26 33	9 15	7 1	
S 29	9 25	18 46	5 1	14 21	0 59	19 45	2 11	20 39	1 2	0 43	1 35	1 41	2 39	2 38	0 44	14 28	0 23	17 48	5 38	18 55	19 0	26 33	9 16	7 1	
S 30	9 3	13 24	4 53	14 27	0 42	19 40	2 6	20 31	1 2	0 46	1 35	1 40	2 39	2 37	0 44	14 28	0 23	17 49	5 38	18 52	18 59	26 32	9 17	7 0	
M31	8n42	7n24	4n27	14n30	0s25	19n35	2s 1	20n23	1n 3	0s49	1s36	1n38	2s40	2n37	0s44	14n27	0n23	17s49	5n38	18n50	18n58	26s32	9s18	7n 0	

ASTRODIENST EPHEMERIS for the year 1761
geocentric

SEPTEMBER 1761

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day	
T 1	22 41 24	8 ^h 40'19	5 ^h 45	20 ^h 39	23 ^h 40	4 ^h 18	1°R31	10°R15	8°R15	22 ^h 21	26°R58	23°R59	24 ^h 39	15 ^h 33	16°R11	T 1	
W 2	22 45 20	9°38'31	19°25	21°36	24°43	4°56	1°Y24	10°Y11	8°Y13	22°23	26° ^h 58	23 ^h 52	24°36	15°40	16° ^h 8	W 2	
T 3	22 49 17	10°36'45	2 ^h 38	22°40	25°47	5°34	1°17	10° 7	8°11	22°26	26°58	23°48	24°33	15°47	16° 6	T 3	
F 4	22 53 13	11°35'00	15°26	23°51	26°51	6°12	1°10	10° 3	8° 9	22°28	26°58	23°46	24°30	15°54	16° 3	F 4	
S 5	22 57 10	12°33'17	27°52	25° 8	27°55	6°50	1° 2	10° 0	8° 6	22°30	26°58	23°D46	24°26	16° 0	16° 0	S 5	
S 6	23 1 7	13°31'36	10 ^h 1	26°31	29° 0	7°28	0°55	9°56	8° 4	22°32	26°57	23°R47	24°23	16° 7	15°57	S 6	
M 7	23 5 3	14°29'56	21°59	27°59	0 ^h 4	8° 6	0°48	9°52	8° 2	22°34	26°57	23°46	24°20	16°14	15°55	M 7	
T 8	23 9 0	15°28'17	3 ^h 50	29°31	1° 9	8°44	0°40	9°48	8° 0	22°36	26°D57	23°45	24°17	16°20	15°52	T 8	
W 9	23 12 56	16°26'40	15°41	1 ^h 8	2°15	9°21	0°33	9°44	7°58	22°38	26°57	23°41	24°14	16°27	15°50	W 9	
T 10	23 16 53	17°25'05	27°34	2°47	3°20	9°59	0°25	9°40	7°56	22°40	26°58	23°34	24°10	16°34	15°47	T 10	
F 11	23 20 49	18°23'32	9 ^h 35	4°30	4°26	10°37	0°18	9°35	7°53	22°42	26°58	23°26	24° 7	16°40	15°45	F 11	
S 12	23 24 46	19°22'00	21°45	6°15	5°32	11°14	0°10	9°31	7°51	22°44	26°58	23°15	24° 4	16°47	15°42	S 12	
S 13	23 28 42	20°20'30	4 ^h 8	8° 3	6°38	11°52	0° 2	9°27	7°49	22°46	26°58	23° 4	24° 1	16°54	15°40	S 13	
M14	23 32 39	21°19'02	16°43	9°51	7°44	12°29	29 ^h 54	9°23	7°47	22°48	26°58	22°52	23°58	17° 0	15°37	M14	
T 15	23 36 36	22°17'35	29°31	11°41	8°51	13° 7	29°46	9°18	7°44	22°50	26°58	22°42	23°55	17° 7	15°35	T 15	
W16	23 40 32	23°16'11	12 ^h Y32	13°32	9°58	13°44	29°38	9°14	7°42	22°52	26°58	22°34	23°51	17°14	15°33	W16	
T 17	23 44 29	24°14'48	25°44	15°23	11° 5	14°21	29°31	9° 9	7°40	22°54	26°59	22°29	23°48	17°21	15°31	T 17	
F 18	23 48 25	25°13'28	9 ^h 8	17°14	12°12	14°59	29°23	9° 5	7°37	22°56	26°59	22°26	23°45	17°27	15°28	F 18	
S 19	23 52 22	26°12'10	22°40	19° 6	13°19	15°36	29°15	9° 0	7°35	22°58	26°59	22°D25	23°42	17°34	15°26	S 19	
S 20	23 56 18	27°10'54	6 ^h II24	20°57	14°27	16°13	29° 7	8°56	7°33	23° 0	27° 0	22°25	23°39	17°41	15°24	S 20	
M21	0 0 15	28° 9'41	20°18	22°48	15°35	16°50	28°58	8°51	7°30	23° 2	27° 0	22°26	23°36	17°47	15°22	M21	
T 22	0 4 11	29° 8'30	4 ^h 522	24°38	16°43	17°28	28°50	8°47	7°28	23° 4	27° 1	22°R26	23°32	17°54	15°20	T 22	
W23	0 8 8	0 ^h 5	7°21	18°36	26°28	17°51	18° 5	28°42	8°42	23° 6	27° 1	22°25	23°29	18° 1	15°18	W23	
T 24	0 12 5	1° 6'15	2 ^h 56	28°17	18°59	18°42	28°34	8°37	7°23	23° 8	27° 2	22°21	23°26	18° 7	15°16	T 24	
F 25	0 16 1	2° 5'11	17°21	0 ^h 5	20° 8	19°19	28°26	8°33	7°21	23° 9	27° 2	22°16	23°23	18°14	15°14	F 25	
S 26	0 19 58	3° 4'09	1 ^h 45	1°54	21°16	19°56	28°18	8°28	7°18	23°11	27° 3	22° 8	23°20	18°21	15°13	S 26	
S 27	0 23 54	4° 3'09	16° 3	3°41	22°25	20°33	28°10	8°23	7°16	23°13	27° 3	22° 0	23°16	18°28	15°11	S 27	
M28	0 27 51	5° 2'11	0 ^h 9	5°27	23°34	21°10	28° 2	8°19	7°13	23°15	27° 4	21°53	23°13	18°34	15° 9	M28	
T 29	0 31 47	6° 1'16	13°57	7°13	24°43	21°46	27°55	8°14	7°11	23°17	27° 4	21°46	23°10	18°41	15° 8	T 29	
W30	0 35 44	7 ^h 5	0'22	27 ^h 526	8 ^h 58	25 ^h 53	22 ^h 523	27 ^h 47	8°Y 9	7°Y 9	23 ^h 518	27 ^h 5	21 ^h 842	23 ^h 8 7	18 ^h 348	15 ^h 8 6	W30

Day	☉	☾		♊		♋		♌		♍		♎		♏		♐		♑	♒	♓	♈	♉		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
T 1	8n20	1n 9	3n45	14n29	0s 9	19n29	1s57	20n14	1n 3	0s52	1s36	1n37	2s40	2n36	0s44	14n26	0n23	17s49	5n37	18n48	18n57	26s32	9s19	7n 0
W 2	7 58	4s58	2 51	14 25	0n 6	19 23	1 52	20 5	1 4	0 55	1 36	1 35	2 40	2 35	0 44	14 26	0 23	17 49	5 37	18 46	18 57	26 32	9 20	7 0
T 3	7 36	10 41	1 50	14 18	0 20	19 16	1 47	19 57	1 4	0 58	1 36	1 34	2 40	2 34	0 44	14 25	0 23	17 50	5 37	18 45	18 56	26 32	9 21	6 59
F 4	7 14	15 47	0 44	14 7	0 34	19 9	1 42	19 48	1 5	1 1	1 36	1 32	2 40	2 33	0 44	14 24	0 23	17 50	5 36	18 44	18 55	26 31	9 22	6 59
S 5	6 51	20 4	0s22	13 53	0 46	19 1	1 38	19 39	1 5	1 4	1 36	1 30	2 40	2 32	0 44	14 24	0 23	17 50	5 36	18 44	18 54	26 31	9 23	6 59
S 6	6 29	23 23	1 25	13 35	0 57	18 53	1 33	19 29	1 6	1 7	1 37	1 29	2 41	2 32	0 44	14 23	0 23	17 50	5 36	18 45	18 54	26 31	9 24	6 59
M 7	6 7	25 38	2 24	13 14	1 7	18 44	1 28	19 20	1 6	1 10	1 37	1 27	2 41	2 31	0 44	14 22	0 23	17 51	5 36	18 44	18 53	26 30	9 25	6 58
T 8	5 44	26 41	3 16	12 50	1 16	18 34	1 23	19 11	1 7	1 13	1 37	1 25	2 41	2 30	0 44	14 22	0 23	17 51	5 35	18 44	18 52	26 30	9 26	6 58
W 9	5 21	26 31	4 0	12 23	1 24	18 25	1 19	19 1	1 7	1 16	1 37	1 23	2 41	2 29	0 44	14 21	0 23	17 51	5 35	18 43	18 51	26 30	9 27	6 58
T 10	4 59	25 8	4 33	11 54	1 30	18 14	1 14	18 52	1 8	1 19	1 37	1 22	2 41	2 28	0 44	14 20	0 23	17 52	5 35	18 41	18 50	26 30	9 28	6 58
F 11	4 36	22 36	4 54	11 22	1 36	18 4	1 9	18 42	1 8	1 22	1 37	1 20	2 41	2 27	0 44	14 20	0 23	17 52	5 34	18 39	18 50	26 29	9 29	6 57
S 12	4 13	19 3	5 3	10 47	1 41	17 52	1 4	18 32	1 9	1 25	1 37	1 18	2 41	2 26	0 44	14 19	0 23	17 52	5 34	18 37	18 49	26 29	9 30	6 57
S 13	3 50	14 37	4 57	10 11	1 44	17 41	1 0	18 22	1 9	1 28	1 37	1 16	2 42	2 25	0 44	14 18	0 23	17 52	5 34	18 34	18 48	26 29	9 31	6 57
M14	3 27	9 30	4 38	9 32	1 47	17 28	0 55	18 12	1 10	1 32	1 37	1 15	2 42	2 25	0 44	14 18	0 23	17 53	5 34	18 31	18 47	26 28	9 32	6 56
T 15	3 4	3 55	4 3	8 52	1 49	17 15	0 51	18 2	1 10	1 35	1 38	1 13	2 42	2 24	0 44	14 17	0 23	17 53	5 33	18 28	18 47	26 28	9 33	6 56
W16	2 41	1n57	3 16	8 11	1 50	17 2	0 46	17 51	1 11	1 38	1 38	1 11	2 42	2 23	0 44	14 16	0 23	17 53	5 33	18 26	18 46	26 28	9 34	6 56
T 17	2 17	7 49	2 18	7 28	1 50	16 48	0 42	17 41	1 11	1 41	1 38	1 9	2 42	2 22	0 44	14 16	0 23	17 54	5 33	18 25	18 45	26 27	9 35	6 55
F 18	1 54	13 26	1 11	6 44	1 50	16 34	0 37	17 30	1 12	1 45	1 38	1 7	2 42	2 21	0 44	14 15	0 23	17 54	5 33	18 24	18 44	26 27	9 36	6 55
S 19	1 31	18 29	0n 1	5 59	1 49	16 19	0 33	17 20	1 12	1 48	1 38	1 5	2 42	2 20	0 44	14 15	0 23	17 54	5 32	18 24	18 43	26 26	9 37	6 55
S 20	1 7	22 38	1 14	5 14	1 47	16 4	0 28	17 9	1 13	1 51	1 38	1 4	2 42	2 19	0 44	14 14	0 23	17 54	5 32	18 24	18 43	26 26	9 38	6 54
M21	0 44	25 30	2 24	4 28	1 45	15 48	0 24	16 58	1 13	1 54	1 38	1 2	2 42	2 18	0 44	14 13	0 23	17 55	5 32	18 24	18 42	26 26	9 39	6 54
T 22	0 21	26 49	3 26	3 41	1 42	15 32	0 20	16 48	1 14	1 57	1 38	1 0	2 42	2 17	0 44	14 13	0 23	17 55	5 31	18 24	18 41	26 25	9 40	6 54
W23	0s 3	26 24	4 15	2 55	1 38	15 16	0 15	16 37	1 14	2 1	1 38	0 58	2 42	2 16	0 44	14 12	0 23	17 55	5 31	18 24	18 40	26 25	9 41	6 53
T 24	0 26	24 13	4 50	2 8	1 35	14 59	0 11	16 26	1 15	2 4	1 38	0 56	2 43	2 15	0 44	14 12	0 23	17 56	5 31	18 23	18 39	26 24	9 42	6 53
F 25	0 50	20 30	5 6	1 21	1 31	14 41	0 7	16 14	1 15	2 7	1 38	0 54	2 43	2 14	0 44	14 11	0 23	17 56	5 31	18 22	18 39	26 24	9 43	6 52
S 26	1 13	15 34	5 3	0 33	1 26	14 23	0 3	16 3	1 16	2 10	1 38	0 52	2 43	2 13	0 44	14 10	0 23	17 56	5 30	18 20	18 38	26 24	9 43	6 52
S 27	1 37	9 49	4 41	0s14	1 21	14 5	0n 1	15 52	1 16	2 13	1 38	0 50	2 43	2 12	0 44	14 10	0 23	17 56	5 30	18 18	18 37	26 23	9 44	6 52
M28	2 0	3 38	4 2	1 0	1 16	13 46	0 5	15 40	1 17	2 17	1 38	0 48	2 43	2 11	0 44	14 9	0 23	17 57	5 30	18 16	18 36	26 23	9 45	6 51
T 29	2 24	2s36	3 9	1 47	1 11	13 27	0 9	15 29	1 17	2 20	1 38	0 47	2 43	2 10	0 44	14 9	0 23	17 57	5 29	18 14	18 35	26 22	9 46	6 51
W30	2s47	8s36	2n 7	2s34	1n 5	13n 7	0n13	15n18	1n18	2s23	1s38	0n45	2s43	2n 9	0s44	14n 8	0n23	17s57	5n29	18n13	18n35	26s22	9s47	6n50

ASTRODIENST EPHEMERIS for the year 1761
geocentric

OCTOBER 1761

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	0 39 40	7♏59°30	10♍33	10♏42	27♎2	23♎0	27°R39	8°R 5	7°R 6	23♎20	27♏6	21°R39	23♏4	18♏54	15°R 5	T 1
F 2	0 43 37	8°58'41	23°18	12°25	28°12	23°37	27°R31	8°Y 0	7°Y 4	23°22	27° 7	21°D39	23° 1	19° 1	15°R 3	F 2
S 3	0 47 34	9°57'53	5♏44	14° 7	29°21	24°13	27°23	7°55	7° 1	23°23	27° 7	21♏39	22°57	19° 8	15° 2	S 3
S 4	0 51 30	10°57'07	17°55	15°48	0♎31	24°50	27°16	7°50	6°59	23°25	27° 8	21°41	22°54	19°14	15° 1	S 4
M 5	0 55 27	11°56'23	29°54	17°29	1°41	25°26	27° 8	7°46	6°56	23°27	27° 9	21°43	22°51	19°21	14°59	M 5
T 6	0 59 23	12°55'40	11♏47	19° 9	2°51	26° 3	27° 1	7°41	6°54	23°28	27°10	21°R43	22°48	19°28	14°58	T 6
W 7	1 3 20	13°55'00	23°38	20°48	4° 2	26°39	26°54	7°36	6°52	23°30	27°11	21°43	22°45	19°34	14°57	W 7
T 8	1 7 16	14°54'21	5♏33	22°26	5°12	27°16	26°46	7°32	6°49	23°31	27°12	21°40	22°42	19°41	14°56	T 8
F 9	1 11 13	15°53'44	17°36	24° 4	6°23	27°52	26°39	7°27	6°47	23°33	27°13	21°37	22°38	19°48	14°55	F 9
S 10	1 15 9	16°53'09	29°51	25°41	7°33	28°28	26°32	7°22	6°44	23°34	27°14	21°32	22°35	19°55	14°54	S 10
S 11	1 19 6	17°52'35	12♏21	27°17	8°44	29° 4	26°25	7°18	6°42	23°36	27°15	21°26	22°32	20° 1	14°53	S 11
M12	1 23 3	18°52'04	25° 8	28°52	9°55	29°41	26°18	7°13	6°40	23°37	27°16	21°20	22°29	20° 8	14°52	M12
T 13	1 26 59	19°51'34	8°Y12	0♍27	11° 6	0♎17	26°11	7° 9	6°37	23°39	27°17	21°15	22°26	20°15	14°51	T 13
W14	1 30 56	20°51'06	21°33	2° 1	12°17	0°53	26° 5	7° 4	6°35	23°40	27°18	21°11	22°22	20°21	14°51	W14
T 15	1 34 52	21°50'41	5♏9	3°35	13°28	1°29	25°58	7° 0	6°33	23°41	27°19	21° 9	22°19	20°28	14°50	T 15
F 16	1 38 49	22°50'17	18°58	5° 8	14°40	2° 5	25°52	6°55	6°30	23°43	27°20	21°D 8	22°16	20°35	14°49	F 16
S 17	1 42 45	23°49'56	2♎57	6°40	15°51	2°41	25°46	6°51	6°28	23°44	27°21	21° 8	22°13	20°41	14°49	S 17
S 18	1 46 42	24°49'37	17° 2	8°12	17° 3	3°16	25°40	6°47	6°26	23°45	27°22	21° 9	22°10	20°48	14°48	S 18
M19	1 50 38	25°49'20	1♏12	9°43	18°15	3°52	25°34	6°42	6°24	23°47	27°24	21°11	22° 7	20°55	14°48	M19
T 20	1 54 35	26°49'06	15°23	11°14	19°26	4°28	25°28	6°38	6°21	23°48	27°25	21°12	22° 3	21° 2	14°48	T 20
W21	1 58 32	27°48'53	29°35	12°44	20°38	5° 4	25°22	6°34	6°19	23°49	27°26	21°R12	22° 0	21° 8	14°48	W21
T 22	2 2 28	28°48'43	13♎44	14°13	21°50	5°39	25°17	6°30	6°17	23°50	27°28	21°12	21°57	21°15	14°47	T 22
F 23	2 6 25	29°48'36	27°49	15°42	23° 3	6°15	25°12	6°25	6°15	23°51	27°29	21°10	21°54	21°22	14°47	F 23
S 24	2 10 21	0♍48'30	11♎47	17°10	24°15	6°50	25° 7	6°21	6°13	23°52	27°30	21° 8	21°51	21°28	14°D47	S 24
S 25	2 14 18	1°48'27	25°36	18°38	25°27	7°26	25° 2	6°17	6°11	23°54	27°32	21° 5	21°47	21°35	14°47	S 25
M26	2 18 14	2°48'25	9♏14	20° 5	26°39	8° 1	24°57	6°13	6° 8	23°55	27°33	21° 2	21°44	21°42	14°47	M26
T 27	2 22 11	3°48'26	22°38	21°31	27°52	8°36	24°52	6° 9	6° 6	23°56	27°35	21° 0	21°41	21°49	14°47	T 27
W28	2 26 7	4°48'29	5♎47	22°57	29° 5	9°12	24°48	6° 6	6° 4	23°57	27°36	20°58	21°38	21°55	14°48	W28
T 29	2 30 4	5°48'33	18°39	24°22	0♏17	9°47	24°43	6° 2	6° 2	23°58	27°37	20°D58	21°35	22° 2	14°48	T 29
F 30	2 34 0	6°48'40	1♏15	25°46	1°30	10°22	24°39	5°58	6° 0	23°59	27°39	20°58	21°32	22° 9	14°48	F 30
S 31	2 37 57	7♎48'48	13♏37	27♎9	2♏43	10♎57	24°R35	5°Y54	5°Y58	23♎59	27♏41	20♏59	21♏28	22♏15	14°R49	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
T 1	3s10	14s 4	1n 0	3s20	0n59	12n47	0n17	15n 6	1n18	2s26	1s38	0n43	2s43	2n 9	0s44	14n 8	0n23	17s58	5n29	18n12	18n34	26s21	9s48	6n50		
F 2	3 34	18 46	0s 9	4 6	0 53	12 26	0 21	14 54	1 19	2 29	1 38	0 41	2 43	2 8	0 44	14 7	0 23	17 58	5 29	18 12	18 33	26 21	9 49	6 50		
S 3	3 57	22 32	1 16	4 51	0 47	12 5	0 24	14 43	1 19	2 32	1 38	0 39	2 43	2 7	0 44	14 7	0 23	17 58	5 28	18 12	18 32	26 20	9 49	6 49		
S 4	4 20	25 12	2 18	5 36	0 40	11 44	0 28	14 31	1 20	2 35	1 37	0 37	2 43	2 6	0 44	14 6	0 23	17 58	5 28	18 13	18 31	26 20	9 50	6 49		
M 5	4 44	26 41	3 13	6 21	0 34	11 23	0 31	14 19	1 20	2 38	1 37	0 35	2 43	2 5	0 44	14 6	0 23	17 59	5 28	18 13	18 31	26 19	9 51	6 48		
T 6	5 7	26 55	3 59	7 5	0 27	11 1	0 35	14 7	1 20	2 41	1 37	0 34	2 43	2 4	0 44	14 5	0 23	17 59	5 28	18 13	18 30	26 19	9 52	6 48		
W 7	5 30	25 55	4 35	7 49	0 21	10 38	0 38	13 55	1 21	2 43	1 37	0 32	2 43	2 3	0 44	14 5	0 23	17 59	5 27	18 13	18 29	26 18	9 52	6 47		
T 8	5 53	23 44	4 59	8 32	0 14	10 16	0 42	13 43	1 21	2 46	1 37	0 30	2 43	2 2	0 44	14 4	0 23	18 0	5 27	18 12	18 28	26 18	9 53	6 47		
F 9	6 16	20 30	5 10	9 14	0 7	9 53	0 45	13 31	1 22	2 49	1 37	0 28	2 43	2 1	0 44	14 4	0 24	18 0	5 27	18 12	18 27	26 17	9 54	6 47		
S 10	6 39	16 20	5 8	9 56	0 0	9 29	0 48	13 19	1 22	2 52	1 37	0 26	2 43	2 0	0 44	14 3	0 24	18 0	5 27	18 10	18 27	26 17	9 55	6 46		
S 11	7 1	11 25	4 51	10 37	0s 7	9 6	0 51	13 6	1 23	2 54	1 37	0 25	2 43	1 59	0 44	14 3	0 24	18 0	5 26	18 9	18 26	26 16	9 55	6 46		
M12	7 24	5 54	4 19	11 18	0 13	8 42	0 54	12 54	1 23	2 57	1 37	0 23	2 43	1 58	0 44	14 2	0 24	18 1	5 26	18 7	18 25	26 16	9 56	6 45		
T 13	7 47	0 1	3 33	11 58	0 20	8 18	0 57	12 42	1 24	3 0	1 36	0 21	2 43	1 57	0 44	14 2	0 24	18 1	5 26	18 6	18 24	26 15	9 57	6 45		
W14	8 9	6n 1	2 35	12 37	0 27	7 53	1 0	12 29	1 24	3 2	1 36	0 19	2 43	1 56	0 44	14 1	0 24	18 1	5 25	18 5	18 23	26 15	9 57	6 44		
T 15	8 31	11 54	1 26	13 16	0 34	7 28	1 3	12 17	1 25	3 4	1 36	0 18	2 43	1 55	0 44	14 1	0 24	18 2	5 25	18 4	18 22	26 14	9 58	6 44		
F 16	8 54	17 18	0 12	13 53	0 41	7 3	1 6	12 5	1 25	3 7	1 36	0 16	2 42	1 55	0 44	14 0	0 24	18 2	5 25	18 4	18 22	26 13	9 58	6 43		
S 17	9 16	21 50	1n 4	14 31	0 48	6 38	1 8	11 52	1 26	3 9	1 36	0 14	2 42	1 54	0 44	14 0	0 24	18 2	5 25	18 4	18 21	26 13	9 59	6 43		
S 18	9 38	25 7	2 17	15 7	0 54	6 13	1 11	11 40	1 26	3 11	1 36	0 13	2 42	1 53	0 44	14 0	0 24	18 2	5 24	18 4	18 20	26 12	10 0	6 42		
M19	9 59	26 51	3 23	15 43	1 1	5 47	1 13	11 27	1 27	3 14	1 36	0 11	2 42	1 52	0 44	13 59	0 24	18 3	5 24	18 5	18 19	26 12	10 0	6 42		
T 20	10 21	26 49	4 15	16 17	1 8	5 21	1 16	11 14	1 27	3 16	1 35	0 9	2 42	1 51	0 44	13 59	0 24	18 3	5 24	18 5	18 18	26 11	10 1	6 42		
W21	10 43	25 2	4 53	16 51	1 14	4 55	1 18	11 2	1 28	3 18	1 35	0 8	2 42	1 50	0 44	13 58	0 24	18 3	5 24	18 5	18 18	26 10	10 1	6 41		
T 22	11 4	21 42	5 12	17 24	1 20	4 28	1 20	10 49	1 28	3 20	1 35	0 6	2 42	1 49	0 44	13 58	0 24	18 3	5 23	18 5	18 17	26 10	10 2	6 41		
F 23	11 25	17 8	5 12	17 57	1 27	4 2	1 23	10 36	1 29	3 22	1 35	0 5	2 42	1 48	0 44	13 58	0 24	18 4	5 23	18 5	18 16	26 9	10 2	6 40		
S 24	11 46	11 41	4 55	18 28	1 33	3 35	1 25	10 24	1 29	3 24	1 35	0 3	2 42	1 48	0 44	13 57	0 24	18 4	5 23	18 4	18 15	26 8	10 3	6 40		
S 25	12 7	5 43	4 20	18 58	1 39	3 8	1 27	10 11	1 30	3 25	1 34	0 2	2 42	1 47	0 44	13 57	0 24	18 4	5 23	18 3	18 14	26 8	10 3	6 39		
M26	12 28	0s27	3 30	19 28	1 44	2 41	1 29	9 58	1 30	3 27	1 34	0 0	2 41	1 46	0 44	13 57	0 24	18 5	5 22	18 2	18 13	26 7	10 3	6 39		
T 27	12 48	6 30	2 30	19 56	1 50	2 14	1 30	9 45	1 31	3 29	1 34	0s 1	2 41	1 45	0 44	13 56	0 24	18 5	5 22	18 2	18 13	26 7	10 4	6 38		
W28	13 9	12 10	1 23	20 24	1 55	1 47	1 32	9 32	1 31	3 30	1 34	0 3	2 41	1 44	0 44	13 56	0 24	18 5	5 22	18 1	18 12	26 6	10 4	6 38		
T 29	13 29	17 12	0 13	20 50	2 1	1 19	1 34	9 19	1 32	3 32	1 34	0 4	2 41	1 44	0 44	13 56	0 24	18 5	5 22	18 1	18 11	26 5	10 5	6 37		
F 30	13 48	21 22	0s57	21 16	2 6	0 52	1 35	9 7	1 32	3 33	1 33	0 5	2 41	1 43	0 44	13 55	0 24	18 6	5 22	18 1	18 10	26 4	10 5	6 37		
S 31	14s 8	24s29	2s 2	21s40	2s10	0n24	1n37	8n54	1n32	3s35	1s33	0s 7	2s41	1n42	0s44	13n55	0n24	18s 6	5n21	18n 2	18n 9	26s 4	10s 5	6n36		

ASTRODIENST EPHEMERIS for the year 1761

geocentric

NOVEMBER 1761

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	2 41 54	8♉48'58	25♊45	28♉32	3♊56	11♉32	24°R32	5°R51	5°R56	24♊0	27♊42	21♊0	21♊25	22♊22	14♊49	S 1
M 2	2 45 50	9°49'09	7♊44	29°54	5°9	12°7	24♊28	5°Y47	5°Y55	24°1	27°44	21°1	21°22	22°29	14°50	M 2
T 3	2 49 47	10°49'23	19°37	1♊14	6°22	12°42	24°25	5°44	5°53	24°2	27°45	21°2	21°19	22°35	14°50	T 3
W 4	2 53 43	11°49'37	1♊28	2°34	7°35	13°17	24°22	5°41	5°51	24°3	27°47	21°3	21°16	22°42	14°51	W 4
T 5	2 57 40	12°49'53	13°22	3°52	8°48	13°51	24°19	5°37	5°49	24°3	27°49	21°R 3	21°13	22°49	14°52	T 5
F 6	3 1 36	13°50'11	25°24	5°9	10°1	14°26	24°16	5°34	5°47	24°4	27°50	21°3	21°9	22°56	14°52	F 6
S 7	3 5 33	14°50'30	7♊38	6°25	11°15	15°1	24°13	5°31	5°46	24°5	27°52	21°2	21°6	23°2	14°53	S 7
S 8	3 9 30	15°50'50	20°9	7°39	12°28	15°35	24°11	5°28	5°44	24°5	27°54	21°2	21°3	23°9	14°54	S 8
M 9	3 13 26	16°51'12	3♊Y 0	8°51	13°41	16°9	24°9	5°25	5°42	24°6	27°55	21°1	21°0	23°16	14°55	M 9
T 10	3 17 23	17°51'36	16°12	10°1	14°55	16°44	24°7	5°22	5°41	24°7	27°57	21°1	20°57	23°22	14°56	T 10
W11	3 21 19	18°52'00	29°47	11°8	16°9	17°18	24°5	5°20	5°39	24°7	27°59	21°0	20°53	23°29	14°57	W11
T 12	3 25 16	19°52'27	13♊843	12°13	17°22	17°52	24°4	5°17	5°38	24°8	28°1	21°0	20°50	23°36	14°59	T 12
F 13	3 29 12	20°52'55	27°57	13°15	18°36	18°26	24°2	5°14	5°36	24°8	28°3	21°0	20°47	23°43	15°0	F 13
S 14	3 33 9	21°53'24	12♊24	14°14	19°50	19°0	24°1	5°12	5°35	24°9	28°4	21°0	20°44	23°49	15°1	S 14
S 15	3 37 5	22°53'56	26°59	15°9	21°3	19°34	24°0	5°9	5°33	24°9	28°6	21°0	20°41	23°56	15°3	S 15
M16	3 41 2	23°54'29	11♊35	15°59	22°17	20°8	24°0	5°7	5°32	24°9	28°8	21°0	20°38	24°3	15°4	M16
T 17	3 44 59	24°55'04	26°7	16°45	23°31	20°42	23°59	5°5	5°30	24°10	28°10	21°0	20°34	24°9	15°6	T 17
W18	3 48 55	25°55'40	10♊230	17°25	24°45	21°16	23°59	5°3	5°29	24°10	28°12	20°59	20°31	24°16	15°7	W18
T 19	3 52 52	26°56'19	24°41	17°59	25°59	21°49	23°D59	5°1	5°28	24°10	28°14	20°D59	20°28	24°23	15°9	T 19
F 20	3 56 48	27°56'58	8♊37	18°26	27°13	22°23	23°59	4°59	5°27	24°10	28°16	20°59	20°25	24°30	15°10	F 20
S 21	4 0 45	28°57'40	22°19	18°45	28°27	22°56	23°59	4°57	5°26	24°11	28°18	21°0	20°22	24°36	15°12	S 21
S 22	4 4 41	29°58'23	5♊45	18°56	29°42	23°30	24°0	4°55	5°24	24°11	28°20	21°0	20°19	24°43	15°14	S 22
M23	4 8 38	0♊59'08	18°57	18°R57	0♊56	24°3	24°1	4°54	5°23	24°11	28°22	21°1	20°15	24°50	15°16	M23
T 24	4 12 34	1°59'54	1♊56	18°49	2°10	24°36	24°2	4°52	5°22	24°11	28°24	21°2	20°12	24°56	15°18	T 24
W25	4 16 31	3°0'42	14°42	18°30	3°24	25°9	24°3	4°51	5°21	24°11	28°26	21°R 3	20°9	25°3	15°20	W25
T 26	4 20 28	4°1'31	27°15	18°0	4°39	25°42	24°4	4°50	5°20	24°R11	28°28	21°3	20°6	25°10	15°22	T 26
F 27	4 24 24	5°2'22	9♊38	17°19	5°53	26°15	24°6	4°48	5°19	24°11	28°30	21°2	20°3	25°16	15°24	F 27
S 28	4 28 21	6°3'13	21°50	16°27	7°8	26°48	24°8	4°47	5°19	24°11	28°32	21°0	19°59	25°23	15°26	S 28
S 29	4 32 17	7°4'06	3♊53	15°25	8°22	27°21	24°10	4°46	5°18	24°11	28°34	20°58	19°56	25°30	15°28	S 29
M30	4 36 14	8♊5'00	15♊50	14♊15	9♊37	27♊53	24♊12	4°Y46	5°Y17	24♊11	28♊36	20♊55	19♊53	25♊37	15♊31	M30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s27	26s25	3s 1	22s 3	2s15	0s 4	1n38	8n41	1n33	3s36	1s33	0s 8	2s41	1n41	0s44	13n55	0n24	18s 6	5n21	18n 2	18n 9	26s 3	10s 6	6n36			
M 2	14 47	27 5	3 51	22 25	2 19	0 32	1 39	8 28	1 33	3 37	1 33	0 9	2 41	1 41	0 44	13 55	0 24	18 6	5 21	18 2	18 8	26 2	10 6	6 35			
T 3	15 6	26 30	4 31	22 46	2 23	0 59	1 41	8 15	1 34	3 38	1 32	0 10	2 40	1 40	0 44	13 54	0 24	18 7	5 21	18 2	18 7	26 2	10 6	6 35			
W 4	15 24	24 43	4 59	23 6	2 27	1 27	1 42	8 2	1 34	3 39	1 32	0 12	2 40	1 39	0 44	13 54	0 24	18 7	5 20	18 3	18 6	26 1	10 7	6 34			
T 5	15 43	21 50	5 14	23 24	2 30	1 55	1 43	7 49	1 35	3 40	1 32	0 13	2 40	1 39	0 44	13 54	0 24	18 7	5 20	18 3	18 5	26 0	10 7	6 34			
F 6	16 1	18 1	5 16	23 41	2 32	2 23	1 44	7 36	1 35	3 41	1 32	0 14	2 40	1 38	0 44	13 54	0 24	18 7	5 20	18 3	18 4	25 59	10 7	6 34			
S 7	16 19	13 25	5 4	23 57	2 35	2 51	1 44	7 23	1 36	3 42	1 31	0 15	2 40	1 37	0 44	13 54	0 24	18 8	5 20	18 2	18 4	25 59	10 7	6 33			
S 8	16 36	8 9	4 37	24 12	2 37	3 19	1 45	7 10	1 36	3 42	1 31	0 16	2 39	1 37	0 44	13 53	0 24	18 8	5 20	18 2	18 3	25 58	10 7	6 33			
M 9	16 54	2 25	3 56	24 25	2 38	3 47	1 46	6 57	1 37	3 43	1 31	0 17	2 39	1 36	0 44	13 53	0 24	18 8	5 19	18 2	18 2	25 57	10 8	6 32			
T 10	17 11	3n35	3 1	24 36	2 39	4 15	1 46	6 44	1 37	3 44	1 31	0 18	2 39	1 35	0 44	13 53	0 24	18 8	5 19	18 2	18 1	25 56	10 8	6 32			
W11	17 27	9 37	1 55	24 46	2 39	4 43	1 47	6 31	1 38	3 44	1 30	0 19	2 39	1 35	0 44	13 53	0 24	18 8	5 19	18 2	18 0	25 56	10 8	6 31			
T 12	17 44	15 20	0 40	24 55	2 39	5 11	1 47	6 18	1 38	3 44	1 30	0 20	2 39	1 34	0 44	13 53	0 24	18 9	5 19	18 2	17 59	25 55	10 8	6 31			
F 13	18 0	20 21	0n38	25 2	2 38	5 38	1 48	6 6	1 39	3 45	1 30	0 20	2 39	1 34	0 44	13 53	0 24	18 9	5 19	18 2	17 58	25 54	10 8	6 30			
S 14	18 16	24 14	1 56	25 7	2 36	6 6	1 48	5 53	1 39	3 45	1 30	0 21	2 38	1 33	0 44	13 52	0 24	18 9	5 18	18 2	17 58	25 53	10 8	6 30			
S 15	18 31	26 33	3 7	25 11	2 33	6 34	1 48	5 40	1 40	3 45	1 29	0 22	2 38	1 33	0 44	13 52	0 24	18 9	5 18	18 2	17 57	25 52	10 8	6 29			
M16	18 46	27 2	4 5	25 13	2 30	7 1	1 48	5 27	1 40	3 45	1 29	0 23	2 38	1 32	0 44	13 52	0 24	18 10	5 18	18 2	17 56	25 52	10 8	6 29			
T 17	19 1	25 40	4 48	25 13	2 25	7 28	1 48	5 14	1 41	3 45	1 29	0 23	2 38	1 31	0 44	13 52	0 24	18 10	5 18	18 2	17 55	25 51	10 8	6 28			
W18	19 16	22 38	5 12	25 12	2 20	7 56	1 48	5 1	1 41	3 45	1 29	0 24	2 37	1 31	0 43	13 52	0 24	18 10	5 18	18 2	17 54	25 50	10 8	6 28			
T 19	19 30	18 17	5 16	25 8	2 13	8 23	1 48	4 48	1 42	3 45	1 28	0 25	2 37	1 31	0 43	13 52	0 24	18 10	5 17	18 2	17 53	25 49	10 8	6 28			
F 20	19 44	13 1	5 2	25 3	2 5	8 50	1 48	4 35	1 42	3 44	1 28	0 25	2 37	1 30	0 43	13 52	0 25	18 10	5 17	18 2	17 53	25 48	10 8	6 27			
S 21	19 57	7 12	4 31	24 55	1 56	9 16	1 47	4 23	1 43	3 44	1 28	0 26	2 37	1 30	0 43	13 52	0 25	18 11	5 17	18 2	17 52	25 47	10 8	6 27			
S 22	20 10	1 10	3 45	24 45	1 45	9 43	1 47	4 10	1 43	3 43	1 27	0 26	2 37	1 29	0 43	13 52	0 25	18 11	5 17	18 2	17 51	25 47	10 8	6 26			
M23	20 23	4s50	2 49	24 34	1 33	10 9	1 46	3 57	1 44	3 43	1 27	0 27	2 36	1 29	0 43	13 52	0 25	18 11	5 17	18 2	17 50	25 46	10 8	6 26			
T 24	20 35	10 32	1 44	24 19	1 20	10 35	1 46	3 44	1 44	3 42	1 27	0 27	2 36	1 28	0 43	13 52	0 25	18 11	5 17	18 2	17 49	25 45	10 8	6 25			
W25	20 47	15 43	0 35	24 3	1 4	11 1	1 45	3 32	1 45	3 42	1 27	0 27	2 36	1 28	0 43	13 52	0 25	18 11	5 16	18 3	17 48	25 44	10 7	6 25			
T 26	20 59	20 8	0s34	23 43	0 48	11 27	1 44	3 19	1 45	3 41	1 26	0 28	2 36	1 28	0 43	13 52	0 25	18 12	5 16	18 3	17 47	25 43	10 7	6 24			
F 27	21 10	23 35	1 41	23 22	0 30	11 52	1 43	3 6	1 46	3 40	1 26	0 28	2 35	1 27	0 43	13 52	0 25	18 12	5 16	18 2	17 47	25 42	10 7	6 24			
S 28	21 21	25 55	2 42	22 58	0 11	12 18	1 43	2 54	1 46	3 39	1 26	0 28	2 35	1 27	0 43	13 52	0 25	18 12	5 16	18 2	17 46	25 41	10 7	6 24			
S 29	21 31	27 0	3 35	22 32	0n 9	12 43	1 42	2 41	1 47	3 38	1 25	0 28	2 35	1 27	0 43	13 52	0 25	18 12	5 16	18 1	17 45	25 40	10 7	6 23			
M30	21s41	26s48	4s18	22s 4	0n29	13s 7	1n41	2n29	1n47	3s37	1s25	0s28	2s35	1n27	0s43	13n52	0n25	18s12	5n16	18n 1	17n44	25s39	10s 6	6n23			

ASTRODIENST EPHEMERIS for the year 1761
geocentric

DECEMBER 1761

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	4 40 10	9♂ 5'54	27♂41	12°R58	10♂51	28♂26	24♂14	4°R45	5°R16	24°R11	28♂38	20°R52	19♂50	25♂43	15♂33	T 1
W 2	4 44 7	10° 6'50	9♂32	11♂37	12° 6	28°58	24°17	4°Y44	5°Y16	24°L11	28°40	20♂50	19°47	25°50	15°35	W 2
T 3	4 48 3	11° 7'46	21°25	10°14	13°20	29°30	24°20	4°44	5°15	24°10	28°42	20°47	19°44	25°57	15°38	T 3
F 4	4 52 0	12° 8'43	3♂24	8°52	14°35	0♂3	24°23	4°43	5°15	24°10	28°44	20°46	19°40	26° 3	15°40	F 4
S 5	4 55 57	13° 9'41	15°34	7°34	15°49	0°35	24°26	4°43	5°14	24°10	28°46	20°D46	19°37	26°10	15°43	S 5
S 6	4 59 53	14°10'39	27°59	6°23	17° 4	1° 7	24°29	4°43	5°14	24° 9	28°48	20°47	19°34	26°17	15°45	S 6
M 7	5 3 50	15°11'38	10°Y45	5°20	18°19	1°38	24°33	4°42	5°13	24° 9	28°51	20°48	19°31	26°24	15°48	M 7
T 8	5 7 46	16°12'37	23°55	4°26	19°34	2°10	24°37	4°D42	5°13	24° 9	28°53	20°50	19°28	26°30	15°51	T 8
W 9	5 11 43	17°13'37	7♂31	3°43	20°48	2°42	24°41	4°43	5°13	24° 8	28°55	20°51	19°25	26°37	15°54	W 9
T 10	5 15 39	18°14'38	21°34	3°12	22° 3	3°13	24°45	4°43	5°12	24° 8	28°57	20°R52	19°21	26°44	15°56	T 10
F 11	5 19 36	19°15'40	6♂1	2°52	23°18	3°44	24°49	4°43	5°12	24° 7	28°59	20°51	19°18	26°50	15°59	F 11
S 12	5 23 32	20°16'42	20°49	2°D42	24°33	4°16	24°54	4°44	5°12	24° 7	29° 1	20°48	19°15	26°57	16° 2	S 12
S 13	5 27 29	21°17'45	5♂50	2°43	25°47	4°47	24°58	4°44	5°12	24° 6	29° 4	20°45	19°12	27° 4	16° 5	S 13
M14	5 31 26	22°18'48	20°54	2°53	27° 2	5°18	25° 3	4°45	5°D12	24° 6	29° 6	20°40	19° 9	27°11	16° 8	M14
T 15	5 35 22	23°19'52	5♂53	3°12	28°17	5°48	25° 8	4°46	5°12	24° 5	29° 8	20°35	19° 5	27°17	16°11	T 15
W16	5 39 19	24°20'57	20°38	3°40	29°32	6°19	25°14	4°46	5°12	24° 4	29°10	20°31	19° 2	27°24	16°14	W16
T 17	5 43 15	25°22'03	5♂3	4°14	0♂47	6°50	25°19	4°47	5°12	24° 4	29°12	20°28	18°59	27°31	16°17	T 17
F 18	5 47 12	26°23'10	19° 4	4°55	2° 2	7°20	25°25	4°48	5°12	24° 3	29°14	20°26	18°56	27°37	16°21	F 18
S 19	5 51 8	27°24'17	2♂43	5°41	3°17	7°50	25°31	4°50	5°13	24° 2	29°17	20°D26	18°53	27°44	16°24	S 19
S 20	5 55 5	28°25'25	15°59	6°32	4°32	8°20	25°37	4°51	5°13	24° 2	29°19	20°27	18°50	27°51	16°27	S 20
M21	5 59 1	29°26'34	28°56	7°28	5°47	8°50	25°43	4°52	5°13	24° 1	29°21	20°29	18°46	27°58	16°30	M21
T 22	6 2 58	0♂27'43	11♂36	8°28	7° 2	9°20	25°49	4°54	5°13	24° 0	29°23	20°30	18°43	28° 4	16°34	T 22
W23	6 6 55	1°28'53	24° 4	9°31	8°17	9°50	25°56	4°56	5°14	23°59	29°25	20°R30	18°40	28°11	16°37	W23
T 24	6 10 51	2°30'03	6♂20	10°38	9°32	10°19	26° 2	4°57	5°14	23°58	29°28	20°29	18°37	28°18	16°41	T 24
F 25	6 14 48	3°31'14	18°28	11°47	10°47	10°49	26° 9	4°59	5°15	23°57	29°30	20°25	18°34	28°24	16°44	F 25
S 26	6 18 44	4°32'25	0♂30	12°58	12° 2	11°18	26°16	5° 1	5°16	23°56	29°32	20°19	18°31	28°31	16°48	S 26
S 27	6 22 41	5°33'36	12°27	14°11	13°17	11°47	26°23	5° 3	5°16	23°55	29°34	20°12	18°27	28°38	16°51	S 27
M28	6 26 37	6°34'47	24°20	15°27	14°32	12°15	26°31	5° 5	5°17	23°54	29°36	20° 2	18°24	28°45	16°55	M28
T 29	6 30 34	7°35'59	6♂12	16°44	15°47	12°44	26°38	5° 8	5°18	23°53	29°38	19°52	18°21	28°51	16°58	T 29
W30	6 34 31	8°37'10	18° 3	18° 2	17° 2	13°12	26°46	5°10	5°18	23°52	29°41	19°43	18°18	28°58	17° 2	W30
T 31	6 38 27	9♂38'21	29♂56	19♂22	18♂17	13♂41	26♂54	5°Y12	5°Y19	23♂51	29♂43	19♂35	18♂15	29♂5	17♂6	T 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
T 1	21s51	25s23	4s50	21s34	0n50	13s31	1n40	2n16	1n48	3s36	1s25	0s28	2s34	1n26	0s43	13n52
W 2	22 0	22 51	5 9	21 4	1 9	13 55	1 38	2 4	1 48	3 34	1 25	0 29	2 34	1 26	0 43	13 52
T 3	22 8	19 21	5 15	20 33	1 29	14 19	1 37	1 51	1 49	3 33	1 24	0 29	2 34	1 26	0 43	13 52
F 4	22 17	15 3	5 7	20 4	1 46	14 42	1 36	1 39	1 49	3 31	1 24	0 28	2 34	1 26	0 43	13 52
S 5	22 25	10 5	4 46	19 36	2 2	15 5	1 34	1 27	1 50	3 30	1 24	0 28	2 33	1 26	0 43	13 53
S 6	22 32	4 38	4 11	19 10	2 16	15 28	1 33	1 14	1 50	3 28	1 24	0 28	2 33	1 25	0 43	13 53
M 7	22 39	1n 9	3 23	18 48	2 27	15 50	1 32	1 2	1 51	3 27	1 23	0 28	2 33	1 25	0 43	13 53
T 8	22 45	7 5	2 23	18 30	2 36	16 12	1 30	0 50	1 51	3 25	1 23	0 28	2 33	1 25	0 43	13 53
W 9	22 51	12 53	1 13	18 15	2 43	16 33	1 28	0 38	1 52	3 23	1 23	0 28	2 32	1 25	0 43	13 53
T 10	22 57	18 14	0n 4	18 5	2 48	16 54	1 27	0 26	1 52	3 21	1 22	0 27	2 32	1 25	0 43	13 53
F 11	23 2	22 41	1 22	17 58	2 51	17 15	1 25	0 14	1 53	3 19	1 22	0 27	2 32	1 25	0 43	13 54
S 12	23 7	25 46	2 37	17 55	2 52	17 35	1 23	0 2	1 53	3 17	1 22	0 26	2 32	1 25	0 43	13 54
S 13	23 11	27 2	3 41	17 56	2 51	17 55	1 22	0s10	1 54	3 15	1 22	0 26	2 31	1 25	0 43	13 54
M14	23 15	26 18	4 31	18 0	2 49	18 14	1 20	0 22	1 54	3 13	1 21	0 25	2 31	1 25	0 43	13 54
T 15	23 18	23 42	5 2	18 7	2 46	18 33	1 18	0 33	1 55	3 10	1 21	0 25	2 31	1 25	0 42	13 54
W16	23 21	19 33	5 12	18 16	2 42	18 51	1 16	0 45	1 55	3 8	1 21	0 24	2 31	1 25	0 42	13 55
T 17	23 23	14 21	5 2	18 27	2 36	19 8	1 14	0 57	1 56	3 6	1 21	0 24	2 30	1 25	0 42	13 55
F 18	23 25	8 31	4 34	18 40	2 31	19 26	1 12	1 8	1 56	3 3	1 20	0 23	2 30	1 25	0 42	13 55
S 19	23 27	2 27	3 51	18 55	2 24	19 42	1 10	1 20	1 57	3 1	1 20	0 22	2 30	1 26	0 42	13 55
S 20	23 28	3s35	2 57	19 10	2 17	19 58	1 7	1 31	1 57	2 58	1 20	0 22	2 30	1 26	0 42	13 56
M21	23 28	9 19	1 55	19 27	2 10	20 14	1 5	1 42	1 58	2 55	1 20	0 21	2 29	1 26	0 42	13 56
T 22	23 28	14 34	0 48	19 44	2 2	20 29	1 3	1 54	1 58	2 53	1 19	0 20	2 29	1 26	0 42	13 56
W23	23 28	19 7	0s19	20 1	1 55	20 43	1 1	2 5	1 59	2 50	1 19	0 19	2 29	1 26	0 42	13 57
T 24	23 27	22 47	1 25	20 19	1 46	20 57	0 58	2 16	1 59	2 47	1 19	0 18	2 29	1 26	0 42	13 57
F 25	23 25	25 23	2 25	20 36	1 38	21 10	0 56	2 27	2 0	2 44	1 19	0 17	2 28	1 27	0 42	13 57
S 26	23 24	26 47	3 19	20 54	1 30	21 23	0 54	2 38	2 0	2 41	1 18	0 16	2 28	1 27	0 42	13 58
S 27	23 21	26 55	4 3	21 11	1 22	21 34	0 51	2 49	2 1	2 38	1 18	0 15	2 28	1 27	0 42	13 58
M28	23 18	25 49	4 37	21 28	1 13	21 46	0 49	2 59	2 1	2 35	1 18	0 14	2 28	1 28	0 42	13 58
T 29	23 15	23 33	4 58	21 44	1 5	21 56	0 47	3 10	2 2	2 32	1 18	0 13	2 27	1 28	0 42	13 59
W30	23 11	20 18	5 6	22 0	0 56	22 6	0 44	3 20	2 2	2 28	1 17	0 12	2 27	1 28	0 42	13 59
T 31	23s 7	16s12	5s 1	22s15	0n48	22s16	0n42	3s31	2n 3	2s25	1s17	0s11	2s27	1n29	0s42	13n59

Julian Day Number = 2364586.5, Delta T = 19.34 sec
Ecliptic obliquity = 23°28'18", Nutation = - 0°00'14", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°24'59", Lahiri = 20°31'59"Greg. Calendar