

SWISS EPHEMERIS for the year 1757
heliocentric

JANUARY 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
S 1	6 43 14	10 ⁵² 54	10 ⁴⁶	0 ⁵⁷	4 ³⁴	3 ³³	4 ²¹	11 ⁵²	18 ²⁹	11 ³⁶	18 ²⁸	18 ⁴⁰
S 2	6 47 10	11 ⁵⁴ 04	11 ⁴⁸	3 ⁴⁷	6 ¹¹	4 ⁸	4 ²⁵	11 ⁵⁴	18 ²⁹	11 ³⁶	18 ²⁹	18 ⁴¹
M 3	6 51 7	12 ⁵⁵ 13	12 ⁵¹	6 ³⁹	7 ⁴⁸	4 ⁴³	4 ³⁰	11 ⁵⁶	18 ³⁰	11 ³⁷	18 ²⁹	18 ⁴²
T 4	6 55 3	13 ⁵⁶ 21	13 ⁵⁴	9 ³³	9 ²⁵	5 ¹⁸	4 ³⁴	11 ⁵⁸	18 ³¹	11 ³⁷	18 ²⁹	18 ⁴³
W 5	6 59 0	14 ⁵⁷ 30	14 ⁵⁷	12 ²⁸	11 ²	5 ⁵⁴	4 ³⁹	12 ⁰	18 ³¹	11 ³⁷	18 ³⁰	18 ⁴⁵
T 6	7 2 56	15 ⁵⁸ 38	16 ⁰	15 ²⁶	12 ³⁹	6 ²⁹	4 ⁴⁴	12 ²	18 ³²	11 ³⁸	18 ³⁰	18 ⁴⁶
F 7	7 6 53	16 ⁵⁹ 46	17 ²	18 ²⁷	14 ¹⁶	7 ⁴	4 ⁴⁸	12 ³	18 ³³	11 ³⁸	18 ³⁰	18 ⁴⁷
S 8	7 10 50	18 ⁰ 53	18 ⁵	21 ³⁰	15 ⁵³	7 ⁴⁰	4 ⁵³	12 ⁵	18 ³³	11 ³⁸	18 ³¹	18 ⁴⁸
S 9	7 14 46	19 ⁰ 201	19 ⁸	24 ³⁷	17 ²⁹	8 ¹⁵	4 ⁵⁷	12 ⁷	18 ³⁴	11 ³⁹	18 ³¹	18 ⁵⁰
M10	7 18 43	20 ⁰ 308	20 ¹⁰	27 ⁴⁷	19 ⁶	8 ⁵¹	5 ²	12 ⁹	18 ³⁴	11 ³⁹	18 ³²	18 ⁵¹
T 11	7 22 39	21 ⁰ 415	21 ¹²	1 ⁰	20 ⁴³	9 ²⁶	5 ⁶	12 ¹¹	18 ³⁵	11 ³⁹	18 ³²	18 ⁵²
W12	7 26 36	22 ⁰ 521	22 ¹⁴	4 ¹⁸	22 ¹⁹	10 ²	5 ¹¹	12 ¹³	18 ³⁶	11 ⁴⁰	18 ³²	18 ⁵³
T 13	7 30 32	23 ⁰ 628	23 ¹⁵	7 ³⁹	23 ⁵⁶	10 ³⁸	5 ¹⁶	12 ¹⁵	18 ³⁶	11 ⁴⁰	18 ³³	18 ⁵⁵
F 14	7 34 29	24 ⁰ 734	24 ¹⁶	11 ⁶	25 ³²	11 ¹³	5 ²⁰	12 ¹⁶	18 ³⁷	11 ⁴¹	18 ³³	18 ⁵⁶
S 15	7 38 25	25 ⁰ 840	25 ¹⁷	14 ³⁷	27 ⁹	11 ⁴⁹	5 ²⁵	12 ¹⁸	18 ³⁸	11 ⁴¹	18 ³³	18 ⁵⁷
S 16	7 42 22	26 ⁰ 946	26 ¹⁷	18 ¹⁴	28 ⁴⁵	12 ²⁵	5 ²⁹	12 ²⁰	18 ³⁸	11 ⁴¹	18 ³⁴	18 ⁵⁸
M17	7 46 19	27 ⁰ 1051	27 ¹⁷	21 ⁵⁶	0 ²¹	13 ¹	5 ³⁴	12 ²²	18 ³⁹	11 ⁴²	18 ³⁴	19 ⁰
T 18	7 50 15	28 ⁰ 1156	28 ¹⁶	25 ⁴⁴	1 ⁵⁸	13 ³⁷	5 ³⁸	12 ²⁴	18 ⁴⁰	11 ⁴²	18 ³⁵	19 ¹
W19	7 54 12	29 ⁰ 1301	29 ¹⁵	29 ³⁹	3 ³⁴	14 ¹³	5 ⁴³	12 ²⁶	18 ⁴⁰	11 ⁴²	18 ³⁵	19 ²
T 20	7 58 8	0 ¹⁴ 04	0 ¹⁴	3 ⁴⁰	5 ¹⁰	14 ⁴⁹	5 ⁴⁸	12 ²⁸	18 ⁴¹	11 ⁴³	18 ³⁵	19 ³
F 21	8 2 5	1 ¹⁵ 07	1 ¹³	7 ⁴⁸	6 ⁴⁶	15 ²⁵	5 ⁵²	12 ²⁹	18 ⁴²	11 ⁴³	18 ³⁶	19 ⁵
S 22	8 6 1	2 ¹⁶ 09	2 ¹²	12 ⁴	8 ²²	16 ¹	5 ⁵⁷	12 ³¹	18 ⁴²	11 ⁴³	18 ³⁶	19 ⁶
S 23	8 9 58	3 ¹⁷ 10	3 ¹²	16 ²⁸	9 ⁵⁸	16 ³⁷	6 ¹	12 ³³	18 ⁴³	11 ⁴⁴	18 ³⁶	19 ⁷
M24	8 13 55	4 ¹⁸ 10	4 ¹¹	21 ⁰	11 ³⁴	17 ¹³	6 ⁶	12 ³⁵	18 ⁴⁴	11 ⁴⁴	18 ³⁷	19 ⁸
T 25	8 17 51	5 ¹⁹ 08	5 ¹¹	25 ⁴¹	13 ¹⁰	17 ⁵⁰	6 ¹⁰	12 ³⁷	18 ⁴⁴	11 ⁴⁵	18 ³⁷	19 ¹⁰
W26	8 21 48	6 ²⁰ 06	6 ¹¹	0 ³⁰	14 ⁴⁶	18 ²⁶	6 ¹⁵	12 ³⁹	18 ⁴⁵	11 ⁴⁵	18 ³⁷	19 ¹¹
T 27	8 25 44	7 ²¹ 02	7 ¹²	5 ²⁸	16 ²²	19 ²	6 ²⁰	12 ⁴¹	18 ⁴⁵	11 ⁴⁵	18 ³⁸	19 ¹²
F 28	8 29 41	8 ²² 57	8 ¹³	10 ³⁵	17 ⁵⁸	19 ³⁹	6 ²⁴	12 ⁴²	18 ⁴⁶	11 ⁴⁶	18 ³⁸	19 ¹³
S 29	8 33 37	9 ²² 50	9 ¹⁴	15 ⁵²	19 ³⁴	20 ¹⁵	6 ²⁹	12 ⁴⁴	18 ⁴⁷	11 ⁴⁶	18 ³⁹	19 ¹⁵
S 30	8 37 34	10 ²³ 42	10 ¹⁶	21 ¹⁷	21 ¹⁰	20 ⁵²	6 ³³	12 ⁴⁶	18 ⁴⁷	11 ⁴⁶	18 ³⁹	19 ¹⁶
M31	8 41 30	11 ²⁴ 33	11 ¹⁸	26 ⁵²	22 ⁴⁵	21 ²⁸	6 ³⁸	12 ⁴⁸	18 ⁴⁸	11 ⁴⁷	18 ³⁹	19 ¹⁷

Delta T = 13.29 sec. Greg. Calendar

FEBRUARY 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
T 1	8 45 27	12 ²⁵ 23	12 ²⁰	2 ³⁴	24 ²¹	22 ⁵	6 ⁴²	12 ⁵⁰	18 ⁴⁹	11 ⁴⁷	18 ⁴⁰	19 ¹⁸
W 2	8 49 24	13 ²⁶ 11	13 ²²	8 ²⁵	25 ⁵⁷	22 ⁴¹	6 ⁴⁷	12 ⁵²	18 ⁴⁹	11 ⁴⁷	18 ⁴⁰	19 ²⁰
T 3	8 53 20	14 ²⁶ 57	14 ²⁵	14 ²⁴	27 ³²	23 ¹⁸	6 ⁵²	12 ⁵⁴	18 ⁵⁰	11 ⁴⁸	18 ⁴⁰	19 ²¹
F 4	8 57 17	15 ²⁷ 43	15 ²⁷	20 ²⁸	29 ⁸	23 ⁵⁵	6 ⁵⁶	12 ⁵⁵	18 ⁵¹	11 ⁴⁸	18 ⁴¹	19 ²²
S 5	9 1 13	16 ²⁸ 27	16 ³⁰	26 ³⁹	0 ⁴³	24 ³²	7 ¹	12 ⁵⁷	18 ⁵¹	11 ⁴⁸	18 ⁴¹	19 ²³
S 6	9 5 10	17 ²⁹ 10	17 ³²	2 ⁵³	2 ¹⁹	25 ⁸	7 ⁵	12 ⁵⁹	18 ⁵²	11 ⁴⁹	18 ⁴²	19 ²⁴
M 7	9 9 6	18 ²⁹ 51	18 ³⁴	9 ¹⁰	3 ⁵⁴	25 ⁴⁵	7 ¹⁰	13 ¹	18 ⁵³	11 ⁴⁹	18 ⁴²	19 ²⁶
T 8	9 13 3	19 ³⁰ 32	19 ³⁷	15 ²⁹	5 ²⁹	26 ²²	7 ¹⁴	13 ³	18 ⁵³	11 ⁵⁰	18 ⁴²	19 ²⁷
W 9	9 16 59	20 ³¹ 11	20 ³⁸	21 ⁴⁹	7 ⁵	26 ⁵⁹	7 ¹⁹	13 ⁵	18 ⁵⁴	11 ⁵⁰	18 ⁴³	19 ²⁸
T 10	9 20 56	21 ³¹ 49	21 ⁴⁰	28 ⁶	8 ⁴⁰	27 ³⁶	7 ²⁴	13 ⁶	18 ⁵⁴	11 ⁵⁰	18 ⁴³	19 ²⁹
F 11	9 24 52	22 ³² 25	22 ⁴¹	4 ²¹	10 ¹⁵	28 ¹³	7 ²⁸	13 ⁸	18 ⁵⁵	11 ⁵¹	18 ⁴³	19 ³¹
S 12	9 28 49	23 ³³ 01	23 ⁴²	10 ³¹	11 ⁵¹	28 ⁵⁰	7 ³³	13 ¹⁰	18 ⁵⁶	11 ⁵¹	18 ⁴⁴	19 ³²
S 13	9 32 46	24 ³³ 36	24 ⁴²	16 ³⁶	13 ²⁶	29 ²⁷	7 ³⁷	13 ¹²	18 ⁵⁶	11 ⁵¹	18 ⁴⁴	19 ³³
M14	9 36 42	25 ³⁴ 09	25 ⁴²	22 ³³	15 ¹	0 ⁴	7 ⁴²	13 ¹⁴	18 ⁵⁷	11 ⁵²	18 ⁴⁵	19 ³⁴
T 15	9 40 39	26 ³⁴ 41	26 ⁴¹	28 ²⁴	16 ³⁶	0 ⁴¹	7 ⁴⁷	13 ¹⁶	18 ⁵⁸	11 ⁵²	18 ⁴⁵	19 ³⁶
W16	9 44 35	27 ³⁵ 12	27 ⁴⁰	4 ⁵	18 ¹¹	1 ¹⁹	7 ⁵¹	13 ¹⁸	18 ⁵⁸	11 ⁵²	18 ⁴⁵	19 ³⁷
T 17	9 48 32	28 ³⁵ 41	28 ³⁹	9 ³⁸	19 ⁴⁷	1 ⁵⁶	7 ⁵⁶	13 ¹⁹	18 ⁵⁹	11 ⁵³	18 ⁴⁶	19 ³⁸
F 18	9 52 28	29 ³⁶ 09	29 ³⁷	15 ¹	21 ²²	2 ³³	8 ⁰	13 ²¹	19 ⁰	11 ⁵³	18 ⁴⁶	19 ³⁹
S 19	9 56 25	0 ³⁶ 35	0 ³⁶	20 ¹⁵	22 ⁵⁷	3 ¹⁰	8 ⁵	13 ²³	19 ⁰	11 ⁵⁴	18 ⁴⁶	19 ⁴¹
S 20	10 0 21	1 ³⁶ 59	1 ³⁴	25 ¹⁹	24 ³²	3 ⁴⁸	8 ⁹	13 ²⁵	19 ¹	11 ⁵⁴	18 ⁴⁷	19 ⁴²
M21	10 4 18	2 ³⁷ 22	2 ³³	0 ¹⁴	26 ⁷	4 ²⁵	8 ¹⁴	13 ²⁷	19 ²	11 ⁵⁴	18 ⁴⁷	19 ⁴³
T 22	10 8 15	3 ³⁷ 42	3 ³¹	4 ⁵⁹	27 ⁴²	5 ²	8 ¹⁹	13 ²⁹	19 ²	11 ⁵⁵	18 ⁴⁸	19 ⁴⁴
W23	10 12 11	4 ³⁸ 01	4 ³⁰	9 ³⁴	29 ¹⁷	5 ⁴⁰	8 ²³	13 ³¹	19 ³	11 ⁵⁵	18 ⁴⁸	19 ⁴⁵
T 24	10 16 8	5 ³⁸ 18	5 ³⁰	14 ¹	0 ⁵²	6 ¹⁷	8 ²⁸	13 ³²	19 ³	11 ⁵⁵	18 ⁴⁸	19 ⁴⁷
F 25	10 20 4	6 ³⁸ 32	6 ²⁹	18 ²⁰	2 ²⁷	6 ⁵⁵	8 ³²	13 ³⁴	19 ⁴	11 ⁵⁶	18 ⁴⁹	19 ⁴⁸
S 26	10 24 1	7 ³⁸ 45	7 ²⁹	22 ³⁰	4 ²	7 ³²	8 ³⁷	13 ³⁶	19 ⁵	11 ⁵⁶	18 ⁴⁹	19 ⁴⁹
S 27	10 27 57	8 ³⁸ 56	8 ³⁰	26 ³³	5 ³⁶	8 ¹⁰	8 ⁴¹	13 ³⁸	19 ⁵	11 ⁵⁶	18 ⁴⁹	19 ⁵⁰
M28	10 31 54	9 ³⁹ 04	9 ³⁰	0 ²⁹	7 ¹¹	8 ⁴⁷	8 ⁴⁶	13 ⁴⁰	19 ⁶	11 ⁵⁷	18 ⁵⁰	19 ⁵²

Delta T = 13.36 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1757
heliocentric

MARCH 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
T 1	10 35 50	10 ^m 39'11	10 ^m 31	4 ^h 18	8 ^h 46	9 ^h 25	8 ^m 51	13 ^m 42	19 ^h 7	11 ^h 57	18 ^h 50	19 ^h 53
W 2	10 39 47	11°39'15	11°33	8° 0	10°21	10° 3	8°55	13°44	19° 7	11°57	18°50	19°54
T 3	10 43 44	12°39'18	12°34	11°37	11°56	10°40	9° 0	13°45	19° 8	11°58	18°51	19°55
F 4	10 47 40	13°39'18	13°36	15° 7	13°31	11°18	9° 4	13°47	19° 9	11°58	18°51	19°56
S 5	10 51 37	14°39'16	14°37	18°33	15° 6	11°56	9° 9	13°49	19° 9	11°59	18°52	19°58
S 6	10 55 33	15°39'12	15°39	21°54	16°40	12°33	9°14	13°51	19°10	11°59	18°52	19°59
M 7	10 59 30	16°39'07	16°41	25°11	18°15	13°11	9°18	13°53	19°11	11°59	18°52	20° 0
T 8	11 3 26	17°38'59	17°43	28°23	19°50	13°49	9°23	13°55	19°11	12° 0	18°53	20° 1
W 9	11 7 23	18°38'50	18°44	1 ^m 32	21°25	14°27	9°27	13°57	19°12	12° 0	18°53	20° 3
T 10	11 11 19	19°38'38	19°45	4°38	23° 0	15° 4	9°32	13°58	19°12	12° 0	18°53	20° 4
F 11	11 15 16	20°38'25	20°46	7°40	24°35	15°42	9°36	14° 0	19°13	12° 1	18°54	20° 5
S 12	11 19 13	21°38'11	21°46	10°39	26° 9	16°20	9°41	14° 2	19°14	12° 1	18°54	20° 6
S 13	11 23 9	22°37'55	22°46	13°36	27°44	16°58	9°46	14° 4	19°14	12° 1	18°55	20° 8
M14	11 27 6	23°37'37	23°46	16°31	29°19	17°36	9°50	14° 6	19°15	12° 2	18°55	20° 9
T 15	11 31 2	24°37'17	24°45	19°24	0 ^m 54	18°14	9°55	14° 8	19°16	12° 2	18°55	20°10
W16	11 34 59	25°36'56	25°44	22°14	2°29	18°52	9°59	14°10	19°16	12° 3	18°56	20°11
T 17	11 38 55	26°36'33	26°42	25° 4	4° 4	19°30	10° 4	14°12	19°17	12° 3	18°56	20°12
F 18	11 42 52	27°36'08	27°40	27°52	5°39	20° 7	10° 9	14°13	19°18	12° 3	18°56	20°14
S 19	11 46 48	28°35'41	28°38	0 ^m 739	7°13	20°45	10°13	14°15	19°18	12° 4	18°57	20°15
S 20	11 50 45	29°35'12	29°35	3°25	8°48	21°23	10°18	14°17	19°19	12° 4	18°57	20°16
M21	11 54 41	0 ^h 34'41	0 ^h 33	6°10	10°23	22° 1	10°22	14°19	19°20	12° 4	18°58	20°17
T 22	11 58 38	1°34'08	1°30	8°55	11°58	22°39	10°27	14°21	19°20	12° 5	18°58	20°19
W23	12 2 35	2°33'32	2°28	11°40	13°33	23°17	10°32	14°23	19°21	12° 5	18°58	20°20
T 24	12 6 31	3°32'55	3°26	14°24	15° 8	23°55	10°36	14°25	19°21	12° 5	18°59	20°21
F 25	12 10 28	4°32'15	4°24	17° 9	16°43	24°33	10°41	14°26	19°22	12° 6	18°59	20°22
S 26	12 14 24	5°31'33	5°23	19°54	18°18	25°12	10°45	14°28	19°23	12° 6	18°59	20°23
S 27	12 18 21	6°30'49	6°22	22°40	19°53	25°50	10°50	14°30	19°23	12° 6	19° 0	20°25
M28	12 22 17	7°30'03	7°21	25°26	21°28	26°28	10°54	14°32	19°24	12° 7	19° 0	20°26
T 29	12 26 14	8°29'14	8°20	28°14	23° 3	27° 6	10°59	14°34	19°25	12° 7	19° 0	20°27
W30	12 30 10	9°28'22	9°20	1 ^h 3	24°38	27°44	11° 4	14°36	19°25	12° 8	19° 1	20°28
T 31	12 34 7	10 ^h 27'29	10 ^h 20	3 ^h 53	26 ^m 13	28 ^m 22	11 ^m 8	14 ^m 38	19 ^h 26	12 ^h 8	19 ^h 1	20 ^h 30

Delta T = 13.44 sec.

Greg. Calendar

APRIL 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
F 1	12 38 4	11 ^h 26'33	11 ^h 20	6 ^h 35	27 ^m 48	29 ^m 0	11 ^m 13	14 ^m 39	19 ^h 27	12 ^h 8	19 ^h 2	20 ^h 31
S 2	12 42 0	12°25'35	12°21	9°38	29°23	29°38	11°17	14°41	19°27	12° 9	19° 2	20°32
S 3	12 45 57	13°24'35	13°22	12°34	0 ^h 58	0 ^h 16	11°22	14°43	19°28	12° 9	19° 2	20°33
M 4	12 49 53	14°23'32	14°22	15°32	2°33	0°54	11°27	14°45	19°28	12° 9	19° 3	20°34
T 5	12 53 50	15°22'28	15°23	18°33	4° 8	1°32	11°31	14°47	19°29	12°10	19° 3	20°36
W 6	12 57 46	16°21'21	16°24	21°36	5°43	2°10	11°36	14°49	19°30	12°10	19° 3	20°37
T 7	13 1 43	17°20'13	17°25	24°43	7°18	2°48	11°40	14°51	19°30	12°10	19° 4	20°38
F 8	13 5 39	18°19'03	18°25	27°53	8°53	3°26	11°45	14°52	19°31	12°11	19° 4	20°39
S 9	13 9 36	19°17'51	19°25	1 ^m 6	10°28	4° 5	11°50	14°54	19°32	12°11	19° 5	20°40
S 10	13 13 33	20°16'37	20°25	4°24	12° 4	4°43	11°54	14°56	19°32	12°12	19° 5	20°42
M11	13 17 29	21°15'22	21°24	7°46	13°39	5°21	11°59	14°58	19°33	12°12	19° 5	20°43
T 12	13 21 26	22°14'05	22°22	11°12	15°14	5°59	12° 3	15° 0	19°34	12°12	19° 6	20°44
W13	13 25 22	23°12'46	23°21	14°44	16°49	6°37	12° 8	15° 2	19°34	12°13	19° 6	20°45
T 14	13 29 19	24°11'25	24°19	18°21	18°25	7°15	12°13	15° 4	19°35	12°13	19° 6	20°47
F 15	13 33 15	25°10'03	25°16	22° 3	20° 0	7°53	12°17	15° 5	19°36	12°13	19° 7	20°48
S 16	13 37 12	26° 8'39	26°13	25°51	21°35	8°31	12°22	15° 7	19°36	12°14	19° 7	20°49
S 17	13 41 8	27° 7'14	27°10	29°46	23°11	9° 9	12°26	15° 9	19°37	12°14	19° 7	20°50
M18	13 45 5	28° 5'46	28° 7	3 ^h 48	24°46	9°47	12°31	15°11	19°37	12°14	19° 8	20°51
T 19	13 49 2	29° 4'17	29° 3	7°56	26°21	10°25	12°36	15°13	19°38	12°15	19° 8	20°53
W20	13 52 58	0 ^m 2'45	0 ^m 0	12°13	27°57	11° 3	12°40	15°15	19°39	12°15	19° 9	20°54
T 21	13 56 55	1° 1'12	0°57	16°37	29°32	11°41	12°45	15°17	19°39	12°15	19° 9	20°55
F 22	14 0 51	1°59'37	1°54	21° 9	1 ^h 8	12°19	12°49	15°18	19°40	12°16	19° 9	20°56
S 23	14 4 48	2°58'00	2°51	25°50	2°43	12°57	12°54	15°20	19°41	12°16	19°10	20°57
S 24	14 8 44	3°56'21	3°48	0 ^h 39	4°19	13°35	12°59	15°22	19°41	12°17	19°10	20°59
M25	14 12 41	4°54'39	4°46	5°38	5°54	14°13	13° 3	15°24	19°42	12°17	19°10	21° 0
T 26	14 16 37	5°52'56	5°44	10°45	7°30	14°51	13° 8	15°26	19°43	12°17	19°11	21° 1
W27	14 20 34	6°51'11	6°42	16° 2	9° 5	15°29	13°12	15°28	19°43	12°18	19°11	21° 2
T 28	14 24 31	7°49'23	7°41	21°28	10°41	16° 7	13°17	15°30	19°44	12°18	19°12	21° 3
F 29	14 28 27	8°47'34	8°40	27° 2	12°17	16°44	13°22	15°32	19°45	12°18	19°12	21° 5
S 30	14 32 24	9 ^m 45'42	9 ^m 39	2 ^h 45	13 ^h 52	17 ^h 22	13 ^m 26	15 ^m 33	19 ^h 45	12 ^h 19	19 ^h 12	21 ^h 6

Delta T = 13.52 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1757
heliocentric

MAY 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
S 1	14 36 20	10M43'49	10M38	8♃36	15V28	18X 0	13M31	15≈35	19X46	12Ω19	19X13	21♁ 7
M 2	14 40 17	11°41'53	11°38	14°35	17° 4	18°38	13°35	15°37	19°47	12°19	19°13	21° 8
T 3	14 44 13	12°39'56	12°38	20°40	18°40	19°16	13°40	15°39	19°47	12°20	19°13	21°10
W 4	14 48 10	13°37'57	13°38	26°50	20°15	19°53	13°45	15°41	19°48	12°20	19°14	21°11
T 5	14 52 6	14°35'57	14°38	3II 5	21°51	20°31	13°49	15°43	19°48	12°21	19°14	21°12
F 6	14 56 3	15°33'55	15°38	9°22	23°27	21° 9	13°54	15°45	19°49	12°21	19°15	21°13
S 7	14 59 59	16°31'52	16°37	15°41	25° 3	21°47	13°58	15°46	19°50	12°21	19°15	21°14
S 8	15 3 56	17°29'47	17°36	22° 0	26°39	22°24	14° 3	15°48	19°50	12°22	19°15	21°16
M 9	15 7 53	18°27'41	18°35	28°18	28°15	23° 2	14° 8	15°50	19°51	12°22	19°16	21°17
T 10	15 11 49	19°25'34	19°34	4♁32	29°50	23°39	14°12	15°52	19°52	12°22	19°16	21°18
W11	15 15 46	20°23'25	20°32	10°42	1♃26	24°17	14°17	15°54	19°52	12°23	19°16	21°19
T 12	15 19 42	21°21'16	21°29	16°47	3° 2	24°55	14°21	15°56	19°53	12°23	19°17	21°20
F 13	15 23 39	22°19'05	22°27	22°45	4°38	25°32	14°26	15°58	19°54	12°23	19°17	21°22
S 14	15 27 35	23°16'53	23°23	28°34	6°14	26°10	14°31	15°59	19°54	12°24	19°17	21°23
S 15	15 31 32	24°14'39	24°20	4Ω16	7°50	26°47	14°35	16° 1	19°55	12°24	19°18	21°24
M16	15 35 28	25°12'25	25°16	9°48	9°27	27°25	14°40	16° 3	19°56	12°25	19°18	21°25
T 17	15 39 25	26°10'09	26°12	15°11	11° 3	28° 2	14°44	16° 5	19°56	12°25	19°19	21°26
W18	15 43 22	27° 7'52	27° 8	20°25	12°39	28°39	14°49	16° 7	19°57	12°25	19°19	21°28
T 19	15 47 18	28° 5'34	28° 4	25°28	14°15	29°17	14°54	16° 9	19°57	12°26	19°19	21°29
F 20	15 51 15	29° 3'14	29° 0	0♁23	15°51	29°54	14°58	16°11	19°58	12°26	19°20	21°30
S 21	15 55 11	0X 0'53	29°56	5° 7	17°27	0V31	15° 3	16°13	19°59	12°26	19°20	21°31
S 22	15 59 8	0°58'31	0X52	9°43	19° 4	1° 9	15° 7	16°14	19°59	12°27	19°20	21°32
M23	16 3 4	1°56'07	1°49	14°10	20°40	1°46	15°12	16°16	20° 0	12°27	19°21	21°34
T 24	16 7 1	2°53'42	2°45	18°28	22°16	2°23	15°17	16°18	20° 1	12°27	19°21	21°35
W25	16 10 57	3°51'16	3°42	22°38	23°53	3° 0	15°21	16°20	20° 1	12°28	19°22	21°36
T 26	16 14 54	4°48'48	4°40	26°41	25°29	3°37	15°26	16°22	20° 2	12°28	19°22	21°37
F 27	16 18 51	5°46'18	5°37	0♁36	27° 5	4°14	15°30	16°24	20° 3	12°28	19°22	21°38
S 28	16 22 47	6°43'47	6°36	4°25	28°42	4°51	15°35	16°26	20° 3	12°29	19°23	21°40
S 29	16 26 44	7°41'15	7°34	8° 7	0II18	5°28	15°40	16°27	20° 4	12°29	19°23	21°41
M30	16 30 40	8°38'42	8°33	11°43	1°55	6° 5	15°44	16°29	20° 5	12°30	19°23	21°42
T 31	16 34 37	9X36'08	9X32	15♁14	3II31	6V42	15M49	16≈31	20X 5	12Ω30	19X24	21♁43

Delta T = 13.61 sec. Greg. Calendar

JUNE 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♄
W 1	16 38 33	10X33'32	10X31	18♁40	5II 8	7V19	15M54	16≈33	20X 6	12Ω30	19X24	21♁44
T 2	16 42 30	11°30'56	11°30	22° 0	6°45	7°56	15°58	16°35	20° 6	12°31	19°25	21°46
F 3	16 46 26	12°28'18	12°29	25°17	8°21	8°33	16° 3	16°37	20° 7	12°31	19°25	21°47
S 4	16 50 23	13°25'40	13°29	28°29	9°58	9° 9	16° 7	16°39	20° 8	12°31	19°25	21°48
S 5	16 54 20	14°23'01	14°28	1M38	11°35	9°46	16°12	16°41	20° 8	12°32	19°26	21°49
M 6	16 58 16	15°20'22	15°27	4°43	13°11	10°23	16°17	16°42	20° 9	12°32	19°26	21°50
T 7	17 2 13	16°17'41	16°25	7°46	14°48	11° 0	16°21	16°44	20°10	12°32	19°26	21°52
W 8	17 6 9	17°15'01	17°23	10°45	16°25	11°36	16°26	16°46	20°10	12°33	19°27	21°53
T 9	17 10 6	18°12'20	18°21	13°42	18° 2	12°13	16°30	16°48	20°11	12°33	19°27	21°54
F 10	17 14 2	19° 9'38	19°18	16°36	19°38	12°49	16°35	16°50	20°12	12°34	19°27	21°55
S 11	17 17 59	20° 6'56	20°15	19°29	21°15	13°26	16°40	16°52	20°12	12°34	19°28	21°56
S 12	17 21 55	21° 4'14	21°11	22°20	22°52	14° 2	16°44	16°54	20°13	12°34	19°28	21°58
M13	17 25 52	22° 1'31	22° 7	25° 9	24°29	14°38	16°49	16°55	20°14	12°35	19°29	21°59
T 14	17 29 49	22°58'48	23° 3	27°57	26° 6	15°15	16°54	16°57	20°14	12°35	19°29	22° 0
W15	17 33 45	23°56'05	23°59	0X44	27°43	15°51	16°58	16°59	20°15	12°35	19°29	22° 1
T 16	17 37 42	24°53'21	24°55	3°30	29°20	16°27	17° 3	17° 1	20°15	12°36	19°30	22° 2
F 17	17 41 38	25°50'37	25°50	6°15	0♁57	17° 3	17° 7	17° 3	20°16	12°36	19°30	22° 4
S 18	17 45 35	26°47'53	26°46	9° 0	2°34	17°39	17°12	17° 5	20°17	12°36	19°30	22° 5
S 19	17 49 31	27°45'08	27°41	11°45	4°11	18°16	17°17	17° 7	20°17	12°37	19°31	22° 6
M20	17 53 28	28°42'22	28°37	14°29	5°48	18°52	17°21	17° 9	20°18	12°37	19°31	22° 7
T 21	17 57 25	29°39'36	29°33	17°14	7°25	19°28	17°26	17°10	20°19	12°38	19°32	22° 8
W22	18 1 21	0♁36'49	0♁29	19°59	9° 3	20° 4	17°30	17°12	20°19	12°38	19°32	22°10
T 23	18 5 18	1°34'02	1°26	22°45	10°40	20°39	17°35	17°14	20°20	12°38	19°32	22°11
F 24	18 9 14	2°31'15	2°22	25°32	12°17	21°15	17°40	17°16	20°21	12°39	19°33	22°12
S 25	18 13 11	3°28'27	3°20	28°19	13°54	21°51	17°44	17°18	20°21	12°39	19°33	22°13
S 26	18 17 7	4°25'38	4°17	1♁ 8	15°32	22°27	17°49	17°20	20°22	12°39	19°33	22°14
M27	18 21 4	5°22'49	5°15	3°58	17° 9	23° 2	17°54	17°22	20°23	12°40	19°34	22°15
T 28	18 25 0	6°20'00	6°13	6°50	18°46	23°38	17°58	17°24	20°23	12°40	19°34	22°17
W29	18 28 57	7°17'10	7°12	9°44	20°23	24°14	18° 3	17°25	20°24	12°40	19°35	22°18
T 30	18 32 54	8♁14'20	8♁11	12♁40	22♁ 1	24V49	18M 7	17≈27	20X24	12Ω41	19X35	22♁19

Delta T = 13.70 sec. Greg. Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1757
heliocentric

JULY 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
F 1	18 36 50	9♁11'30	9♁10	15♁38	23♁38	25♁25	18♁12	17♁29	20♁25	12♁41	19♁35	22♁20
S 2	18 40 47	10° 8'40	10° 9	18°38	25°16	26° 0	18°17	17°31	20°26	12°41	19°36	22°21
S 3	18 44 43	11° 5'50	11° 8	21°42	26°53	26°35	18°21	17°33	20°26	12°42	19°36	22°23
M 4	18 48 40	12° 3'00	12° 7	24°49	28°30	27°11	18°26	17°35	20°27	12°42	19°36	22°24
T 5	18 52 36	13° 0'11	13° 6	27°59	0♁ 8	27°46	18°31	17°37	20°28	12°43	19°37	22°25
W 6	18 56 33	13°57'22	14° 5	1♁12	1°45	28°21	18°35	17°38	20°28	12°43	19°37	22°26
T 7	19 0 29	14°54'33	15° 3	4°30	3°23	28°56	18°40	17°40	20°29	12°43	19°37	22°27
F 8	19 4 26	15°51'45	16° 0	7°52	5° 0	29°32	18°44	17°42	20°30	12°44	19°38	22°29
S 9	19 8 23	16°48'57	16°58	11°19	6°38	0♁ 7	18°49	17°44	20°30	12°44	19°38	22°30
S 10	19 12 19	17°46'10	17°54	14°51	8°15	0°42	18°54	17°46	20°31	12°44	19°39	22°31
M 11	19 16 16	18°43'23	18°51	18°27	9°53	1°17	18°58	17°48	20°32	12°45	19°39	22°32
T 12	19 20 12	19°40'37	19°47	22°10	11°30	1°51	19° 3	17°50	20°32	12°45	19°39	22°33
W 13	19 24 9	20°37'52	20°43	25°59	13° 8	2°26	19° 8	17°52	20°33	12°45	19°40	22°34
T 14	19 28 5	21°35'07	21°39	29°54	14°45	3° 1	19°12	17°53	20°34	12°46	19°40	22°36
F 15	19 32 2	22°32'23	22°35	3♁55	16°23	3°36	19°17	17°55	20°34	12°46	19°40	22°37
S 16	19 35 58	23°29'39	23°30	8° 4	18° 0	4°10	19°21	17°57	20°35	12°47	19°41	22°38
S 17	19 39 55	24°26'56	24°26	12°21	19°38	4°45	19°26	17°59	20°35	12°47	19°41	22°39
M 18	19 43 52	25°24'13	25°21	16°45	21°16	5°20	19°31	18° 1	20°36	12°47	19°42	22°40
T 19	19 47 48	26°21'31	26°17	21°18	22°53	5°54	19°35	18° 3	20°37	12°48	19°42	22°42
W 20	19 51 45	27°18'49	27°13	25°59	24°31	6°29	19°40	18° 5	20°37	12°48	19°42	22°43
T 21	19 55 41	28°16'07	28° 9	0♁48	26° 8	7° 3	19°45	18° 7	20°38	12°48	19°43	22°44
F 22	19 59 38	29°13'26	29° 5	5°47	27°46	7°37	19°49	18° 8	20°39	12°49	19°43	22°45
S 23	20 3 34	0♁10'46	0♁ 2	10°55	29°23	8°12	19°54	18°10	20°39	12°49	19°43	22°46
S 24	20 7 31	1° 8'05	0°59	16°12	1♁ 1	8°46	19°59	18°12	20°40	12°49	19°44	22°47
M 25	20 11 27	2° 5'26	1°57	21°38	2°38	9°20	20° 3	18°14	20°41	12°50	19°44	22°49
T 26	20 15 24	3° 2'47	2°55	27°13	4°16	9°54	20° 8	18°16	20°41	12°50	19°44	22°50
W 27	20 19 21	4° 0'08	3°53	2♁56	5°53	10°28	20°12	18°18	20°42	12°51	19°45	22°51
T 28	20 23 17	4°57'30	4°52	8°47	7°31	11° 2	20°17	18°20	20°43	12°51	19°45	22°52
F 29	20 27 14	5°54'53	5°51	14°46	9° 8	11°36	20°22	18°22	20°43	12°51	19°46	22°53
S 30	20 31 10	6°52'17	6°50	20°51	10°46	12°10	20°26	18°23	20°44	12°52	19°46	22°55
S 31	20 35 7	7♁49'41	7♁50	27♁ 2	12♁23	12♁44	20♁31	18♁25	20♁44	12♁52	19♁46	22♁56

Delta T = 13.79 sec.

Greg. Calendar

AUGUST 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♂
M 1	20 39 3	8♁47'06	8♁49	3♁16	14♁ 0	13♁17	20♁36	18♁27	20♁45	12♁52	19♁47	22♁57
T 2	20 43 0	9°44'32	9°48	9°34	15°38	13°51	20°40	18°29	20°46	12°53	19°47	22°58
W 3	20 46 56	10°42'00	10°48	15°53	17°15	14°25	20°45	18°31	20°46	12°53	19°47	22°59
T 4	20 50 53	11°39'28	11°46	22°12	18°52	14°58	20°50	18°33	20°47	12°53	19°48	23° 0
F 5	20 54 50	12°36'58	12°45	28°29	20°30	15°32	20°54	18°35	20°48	12°54	19°48	23° 2
S 6	20 58 46	13°34'29	13°43	4♁44	22° 7	16° 5	20°59	18°36	20°48	12°54	19°49	23° 3
S 7	21 2 43	14°32'02	14°41	10°54	23°44	16°39	21° 3	18°38	20°49	12°54	19°49	23° 4
M 8	21 6 39	15°29'36	15°38	16°58	25°21	17°12	21° 8	18°40	20°50	12°55	19°49	23° 5
T 9	21 10 36	16°27'12	16°35	22°55	26°59	17°46	21°13	18°42	20°50	12°55	19°50	23° 6
W 10	21 14 32	17°24'49	17°32	28°45	28°36	18°19	21°17	18°44	20°51	12°56	19°50	23° 8
T 11	21 18 29	18°22'28	18°29	4♁26	0♁13	18°52	21°22	18°46	20°52	12°56	19°50	23° 9
F 12	21 22 25	19°20'08	19°25	9°58	1°50	19°25	21°27	18°48	20°52	12°56	19°51	23°10
S 13	21 26 22	20°17'49	20°21	15°21	3°27	19°58	21°31	18°50	20°53	12°57	19°51	23°11
S 14	21 30 19	21°15'32	21°17	20°34	5° 4	20°31	21°36	18°51	20°53	12°57	19°52	23°12
M 15	21 34 15	22°13'16	22°13	25°38	6°41	21° 4	21°41	18°53	20°54	12°57	19°52	23°13
T 16	21 38 12	23°11'02	23° 9	0♁32	8°18	21°37	21°45	18°55	20°55	12°58	19°52	23°15
W 17	21 42 8	24° 8'49	24° 5	5°16	9°55	22°10	21°50	18°57	20°55	12°58	19°53	23°16
T 18	21 46 5	25° 6'37	25° 2	9°51	11°32	22°43	21°54	18°59	20°56	12°58	19°53	23°17
F 19	21 50 1	26° 4'26	25°58	14°18	13° 9	23°16	21°59	19° 1	20°57	12°59	19°53	23°18
S 20	21 53 58	27° 2'17	26°55	18°36	14°45	23°48	22° 4	19° 3	20°57	12°59	19°54	23°19
S 21	21 57 54	28° 0'09	27°52	22°46	16°22	24°21	22° 8	19° 5	20°58	13° 0	19°54	23°20
M 22	22 1 51	28°58'02	28°50	26°48	17°59	24°53	22°13	19° 6	20°59	13° 0	19°54	23°22
T 23	22 5 48	29°55'57	29°47	0♁43	19°35	25°26	22°18	19° 8	20°59	13° 0	19°55	23°23
W 24	22 9 44	0♁53'53	0♁46	4°32	21°12	25°58	22°22	19°10	21° 0	13° 1	19°55	23°24
T 25	22 13 41	1°51'50	1°45	8°14	22°48	26°31	22°27	19°12	21° 1	13° 1	19°56	23°25
F 26	22 17 37	2°49'48	2°44	11°50	24°25	27° 3	22°32	19°14	21° 1	13° 1	19°56	23°26
S 27	22 21 34	3°47'48	3°43	15°21	26° 1	27°35	22°36	19°16	21° 2	13° 2	19°56	23°27
S 28	22 25 30	4°45'49	4°43	18°46	27°38	28° 8	22°41	19°18	21° 2	13° 2	19°57	23°29
M 29	22 29 27	5°43'52	5°43	22° 7	29°14	28°40	22°46	19°20	21° 3	13° 2	19°57	23°30
T 30	22 33 23	6°41'56	6°43	25°23	0♁51	29°12	22°50	19°21	21° 4	13° 3	19°57	23°31
W 31	22 37 20	7♁40'02	7♁43	28♁35	2♁27	29♁44	22♁55	19♁23	21♁ 4	13♁ 3	19♁58	23♁32

Delta T = 13.88 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1757
heliocentric

SEPTEMBER 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
T 1	22 41 16	8 ^h 38'10"	8 ^h 43'	1 ^m 44	4 ^m 3	0 ^{II} 16	22 ^m 59	19 ^{ss} 25	21 ^h 5	13 ^Ω 3	19 ^{ss} 58	23 ^Ω 33
F 2	22 45 13	9°36'20"	9°43'	4°49'	5°39'	0°48'	23° 4'	19°27'	21° 6'	13° 4'	19°59'	23°34'
S 3	22 49 10	10°34'32"	10°42'	7°51'	7°15'	1°20'	23° 9'	19°29'	21° 6'	13° 4'	19°59'	23°36'
S 4	22 53 6	11°32'46"	11°41'	10°51'	8°51'	1°52'	23°13'	19°31'	21° 7'	13° 5'	19°59'	23°37'
M 5	22 57 3	12°31'02"	12°40'	13°47'	10°28'	2°24'	23°18'	19°33'	21° 8'	13° 5'	20° 0'	23°38'
T 6	23 0 59	13°29'20"	13°38'	16°42'	12° 4'	2°55'	23°23'	19°35'	21° 8'	13° 5'	20° 0'	23°39'
W 7	23 4 56	14°27'40"	14°36'	19°34'	13°40'	3°27'	23°27'	19°36'	21° 9'	13° 6'	20° 0'	23°40'
T 8	23 8 52	15°26'03"	15°34'	22°25'	15°15'	3°59'	23°32'	19°38'	21°10'	13° 6'	20° 1'	23°41'
F 9	23 12 49	16°24'27"	16°32'	25°14'	16°51'	4°30'	23°37'	19°40'	21°10'	13° 6'	20° 1'	23°43'
S 10	23 16 45	17°22'53"	17°29'	28° 2'	18°27'	5° 2'	23°41'	19°42'	21°11'	13° 7'	20° 1'	23°44'
S 11	23 20 42	18°21'22"	18°26'	0 ^h 49'	20° 3'	5°33'	23°46'	19°44'	21°11'	13° 7'	20° 2'	23°45'
M 12	23 24 39	19°19'52"	19°23'	3°35'	21°39'	6° 5'	23°51'	19°46'	21°12'	13° 7'	20° 2'	23°46'
T 13	23 28 35	20°18'25"	20°19'	6°20'	23°14'	6°36'	23°55'	19°48'	21°13'	13° 8'	20° 3'	23°47'
W 14	23 32 32	21°16'59"	21°16'	9° 5'	24°50'	7° 7'	24° 0'	19°50'	21°13'	13° 8'	20° 3'	23°48'
T 15	23 36 28	22°15'35"	22°13'	11°50'	26°26'	7°38'	24° 5'	19°51'	21°14'	13° 9'	20° 3'	23°50'
F 16	23 40 25	23°14'13"	23°10'	14°35'	28° 1'	8°10'	24° 9'	19°53'	21°15'	13° 9'	20° 4'	23°51'
S 17	23 44 21	24°12'53"	24° 7'	17°19'	29°37'	8°41'	24°14'	19°55'	21°15'	13° 9'	20° 4'	23°52'
S 18	23 48 18	25°11'35"	25° 5'	20° 5'	1 ^h 12'	9°12'	24°19'	19°57'	21°16'	13°10'	20° 4'	23°53'
M 19	23 52 14	26°10'19"	26° 2'	22°50'	2°48'	9°43'	24°23'	19°59'	21°17'	13°10'	20° 5'	23°54'
T 20	23 56 11	27° 9'04"	27° 1'	25°37'	4°23'	10°14'	24°28'	20° 1'	21°17'	13°10'	20° 5'	23°55'
W 21	0 0 8	28° 7'51"	27°59'	28°25'	5°58'	10°45'	24°32'	20° 3'	21°18'	13°11'	20° 5'	23°57'
T 22	0 4 4	29° 6'40"	28°58'	1 ^h 13'	7°34'	11°16'	24°37'	20° 5'	21°19'	13°11'	20° 6'	23°58'
F 23	0 8 1	0 ^h 5'30"	29°58'	4° 4'	9° 9'	11°47'	24°42'	20° 6'	21°19'	13°11'	20° 6'	23°59'
S 24	0 11 57	1° 4'23"	0 ^h 58'	6°55'	10°44'	12°17'	24°46'	20° 8'	21°20'	13°12'	20° 7'	24° 0'
S 25	0 15 54	2° 3'16"	1°58'	9°49'	12°20'	12°48'	24°51'	20°10'	21°20'	13°12'	20° 7'	24° 1'
M 26	0 19 50	3° 2'12"	2°59'	12°45'	13°55'	13°19'	24°56'	20°12'	21°21'	13°12'	20° 7'	24° 2'
T 27	0 23 47	4° 1'10"	4° 0'	15°43'	15°30'	13°49'	25° 0'	20°14'	21°22'	13°13'	20° 8'	24° 4'
W 28	0 27 43	5° 0'09"	5° 1'	18°44'	17° 5'	14°20'	25° 5'	20°16'	21°22'	13°13'	20° 8'	24° 5'
T 29	0 31 40	5°59'11"	6° 2'	21°48'	18°40'	14°51'	25°10'	20°18'	21°23'	13°14'	20° 8'	24° 6'
F 30	0 35 37	6 ^h 58'15"	7 ^h 3'	24 ^h 55'	20 ^h 15'	15 ^{II} 21	25 ^m 14	20 ^{ss} 20	21 ^h 24	13 ^Ω 14	20 ^{ss} 9	24 ^Ω 7

Delta T = 13.97 sec.

Greg. Calendar

OCTOBER 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
S 1	0 39 33	7 ^h 57'21"	8 ^h 3'	28 ^Ω 5	21 ^h 51	15 ^{II} 51	25 ^m 19	20 ^{ss} 21	21 ^h 24	13 ^Ω 14	20 ^{ss} 9	24 ^Ω 8
S 2	0 43 30	8°56'29"	9° 4'	1 ^h 19	23°26'	16°22'	25°24'	20°23'	21°25'	13°15'	20°10'	24° 9'
M 3	0 47 26	9°55'40"	10° 4'	4°36'	25° 1'	16°52'	25°28'	20°25'	21°26'	13°15'	20°10'	24°11'
T 4	0 51 23	10°54'53"	11° 4'	7°59'	26°36'	17°22'	25°33'	20°27'	21°26'	13°15'	20°10'	24°12'
W 5	0 55 19	11°54'08"	12° 3'	11°25'	28°11'	17°53'	25°38'	20°29'	21°27'	13°16'	20°11'	24°13'
T 6	0 59 16	12°53'25"	13° 3'	14°57'	29°46'	18°23'	25°42'	20°31'	21°28'	13°16'	20°11'	24°14'
F 7	1 3 12	13°52'45"	14° 2'	18°34'	1 ^h 21	18°53'	25°47'	20°33'	21°28'	13°16'	20°11'	24°15'
S 8	1 7 9	14°52'08"	15° 0'	22°17'	2°55'	19°23'	25°52'	20°35'	21°29'	13°17'	20°12'	24°16'
S 9	1 11 5	15°51'32"	15°58'	26° 6'	4°30'	19°53'	25°56'	20°36'	21°29'	13°17'	20°12'	24°17'
M 10	1 15 2	16°50'59"	16°57'	0 ^h 1	6° 5'	20°23'	26° 1'	20°38'	21°30'	13°18'	20°12'	24°19'
T 11	1 18 59	17°50'28"	17°54'	4° 3'	7°40'	20°53'	26° 6'	20°40'	21°31'	13°18'	20°13'	24°20'
W 12	1 22 55	18°49'59"	18°52'	8°12'	9°15'	21°23'	26°10'	20°42'	21°31'	13°18'	20°13'	24°21'
T 13	1 26 52	19°49'32"	19°50'	12°29'	10°50'	21°53'	26°15'	20°44'	21°32'	13°19'	20°14'	24°22'
F 14	1 30 48	20°49'07"	20°48'	16°53'	12°25'	22°23'	26°20'	20°46'	21°33'	13°19'	20°14'	24°23'
S 15	1 34 45	21°48'44"	21°45'	21°26'	14° 0'	22°52'	26°24'	20°48'	21°33'	13°19'	20°14'	24°24'
S 16	1 38 41	22°48'23"	22°43'	26° 7'	15°34'	23°22'	26°29'	20°50'	21°34'	13°20'	20°15'	24°26'
M 17	1 42 38	23°48'05"	23°42'	0 ^h 57	17° 9'	23°52'	26°34'	20°51'	21°35'	13°20'	20°15'	24°27'
T 18	1 46 34	24°47'48"	24°40'	5°56'	18°44'	24°21'	26°38'	20°53'	21°35'	13°20'	20°15'	24°28'
W 19	1 50 31	25°47'32"	25°39'	11° 4'	20°19'	24°51'	26°43'	20°55'	21°36'	13°21'	20°16'	24°29'
T 20	1 54 28	26°47'19"	26°39'	16°22'	21°54'	25°21'	26°48'	20°57'	21°37'	13°21'	20°16'	24°30'
F 21	1 58 24	27°47'07"	27°39'	21°48'	23°29'	25°50'	26°52'	20°59'	21°37'	13°21'	20°17'	24°31'
S 22	2 2 21	28°46'56"	28°39'	27°23'	25° 4'	26°20'	26°57'	21° 1'	21°38'	13°22'	20°17'	24°32'
S 23	2 6 17	29°46'48"	29°40'	3 ^h 7	26°38'	26°49'	27° 2'	21° 3'	21°38'	13°22'	20°17'	24°34'
M 24	2 10 14	0 ^h 46'40"	0 ^h 41	8°58'	28°13'	27°18'	27° 6'	21° 5'	21°39'	13°23'	20°18'	24°35'
T 25	2 14 10	1°46'35"	1°43'	14°57'	29°48'	27°48'	27°11'	21° 6'	21°40'	13°23'	20°18'	24°36'
W 26	2 18 7	2°46'31"	2°44'	21° 2'	1 ^h 23	28°17'	27°16'	21° 8'	21°40'	13°23'	20°18'	24°37'
T 27	2 22 3	3°46'30"	3°46'	27°13'	2°58'	28°46'	27°20'	21°10'	21°41'	13°24'	20°19'	24°38'
F 28	2 26 0	4°46'30"	4°48'	3 ^{II} 28	4°33'	29°15'	27°25'	21°12'	21°42'	13°24'	20°19'	24°39'
S 29	2 29 57	5°46'32"	5°50'	9°46'	6° 7'	29°44'	27°30'	21°14'	21°42'	13°24'	20°19'	24°41'
S 30	2 33 53	6°46'36"	6°52'	16° 5'	7°42'	0 ^h 14	27°34'	21°16'	21°43'	13°25'	20°20'	24°42'
M 31	2 37 50	7 ^h 46'43"	7 ^h 53'	22 ^{II} 24	9 ^{ss} 17	0 ^h 43	27 ^m 39	21 ^{ss} 18	21 ^h 44	13 ^Ω 25	20 ^{ss} 20	24 ^Ω 43

Delta T = 14.06 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1757
heliocentric

NOVEMBER 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
T 1	2 41 46	8♃46'51	8♃55	28♂41	10♁52	1♁12	27♂44	21♁20	21♂44	13♂25	20♂21	24♂44
W 2	2 45 43	9°47'01	9°56	4♁55	12°27	1°41	27°48	21°22	21°45	13°26	20°21	24°45
T 3	2 49 39	10°47'14	10°56	11° 5	14° 2	2°10	27°53	21°23	21°46	13°26	20°21	24°46
F 4	2 53 36	11°47'28	11°57	17° 9	15°37	2°38	27°58	21°25	21°46	13°27	20°22	24°47
S 5	2 57 32	12°47'45	12°57	23° 6	17°12	3° 7	28° 2	21°27	21°47	13°27	20°22	24°49
S 6	3 1 29	13°48'03	13°57	28°56	18°47	3°36	28° 7	21°29	21°47	13°27	20°22	24°50
M 7	3 5 26	14°48'23	14°56	4♂37	20°22	4° 5	28°12	21°31	21°48	13°28	20°23	24°51
T 8	3 9 22	15°48'46	15°55	10° 9	21°57	4°34	28°16	21°33	21°49	13°28	20°23	24°52
W 9	3 13 19	16°49'10	16°54	15°31	23°31	5° 2	28°21	21°35	21°49	13°28	20°24	24°53
T 10	3 17 15	17°49'36	17°53	20°44	25° 6	5°31	28°26	21°37	21°50	13°29	20°24	24°54
F 11	3 21 12	18°50'04	18°52	25°47	26°41	6° 0	28°31	21°38	21°51	13°29	20°24	24°55
S 12	3 25 8	19°50'33	19°50	0♂41	28°17	6°28	28°35	21°40	21°51	13°29	20°25	24°57
S 13	3 29 5	20°51'05	20°49	5°25	29°52	6°57	28°40	21°42	21°52	13°30	20°25	24°58
M14	3 33 1	21°51'37	21°47	10° 0	1♂27	7°25	28°45	21°44	21°53	13°30	20°25	24°59
T 15	3 36 58	22°52'11	22°46	14°26	3° 2	7°54	28°49	21°46	21°53	13°30	20°26	25° 0
W16	3 40 55	23°52'47	23°46	18°44	4°37	8°22	28°54	21°48	21°54	13°31	20°26	25° 1
T 17	3 44 51	24°53'24	24°45	22°54	6°12	8°50	28°59	21°50	21°55	13°31	20°26	25° 2
F 18	3 48 48	25°54'01	25°45	26°56	7°47	9°19	29° 3	21°52	21°55	13°32	20°27	25° 3
S 19	3 52 44	26°54'40	26°46	0♁51	9°22	9°47	29° 8	21°54	21°56	13°32	20°27	25° 5
S 20	3 56 41	27°55'20	27°47	4°39	10°57	10°15	29°13	21°55	21°57	13°32	20°28	25° 6
M21	4 0 37	28°56'01	28°49	8°21	12°33	10°44	29°17	21°57	21°57	13°33	20°28	25° 7
T 22	4 4 34	29°56'43	29°50	11°57	14° 8	11°12	29°22	21°59	21°58	13°33	20°28	25° 8
W23	4 8 30	0♂57'27	0♂53	15°27	15°43	11°40	29°27	22° 1	21°58	13°33	20°29	25° 9
T 24	4 12 27	1°58'11	1°55	18°52	17°18	12° 8	29°31	22° 3	21°59	13°34	20°29	25°10
F 25	4 16 24	2°58'57	2°58	22°13	18°54	12°36	29°36	22° 5	22° 0	13°34	20°29	25°11
S 26	4 20 20	3°59'44	4° 0	25°29	20°29	13° 4	29°41	22° 7	22° 0	13°34	20°30	25°13
S 27	4 24 17	5° 0'32	5° 3	28°41	22° 4	13°32	29°45	22° 9	22° 1	13°35	20°30	25°14
M28	4 28 13	6° 1'21	6° 5	1♂50	23°40	14° 0	29°50	22°10	22° 2	13°35	20°31	25°15
T 29	4 32 10	7° 2'12	7° 8	4°55	25°15	14°28	29°55	22°12	22° 2	13°36	20°31	25°16
W30	4 36 6	8♂3'04	8♂10	7♂57	26♂50	14♁56	29♂59	22♂14	22♂3	13♂36	20♂31	25♂17

Delta T = 14.14 sec.

Greg. Calendar

DECEMBER 1757

00:00 UT

Day	Sid.t	Terra	☾	♃	♄	♅	♆	♁	♂	♆	♁	♃
T 1	4 40 3	9♂3'57	9♂12	10♂56	28♂26	15♁24	0♂4	22♁16	22♂4	13♂36	20♂32	25♂18
F 2	4 43 59	10° 4'52	10°14	13°53	0♂1	15°52	0° 9	22°18	22° 4	13°37	20°32	25°19
S 3	4 47 56	11° 5'48	11°15	16°47	1°37	16°20	0°14	22°20	22° 5	13°37	20°32	25°21
S 4	4 51 53	12° 6'45	12°16	19°40	3°12	16°48	0°18	22°22	22° 6	13°37	20°33	25°22
M 5	4 55 49	13° 7'43	13°17	22°31	4°48	17°16	0°23	22°24	22° 6	13°38	20°33	25°23
T 6	4 59 46	14° 8'42	14°17	25°20	6°23	17°43	0°28	22°26	22° 7	13°38	20°33	25°24
W 7	5 3 42	15° 9'43	15°17	28° 8	7°59	18°11	0°32	22°27	22° 7	13°38	20°34	25°25
T 8	5 7 39	16°10'44	16°17	0♂54	9°35	18°39	0°37	22°29	22° 8	13°39	20°34	25°26
F 9	5 11 35	17°11'47	17°16	3°40	11°10	19° 6	0°42	22°31	22° 9	13°39	20°35	25°27
S 10	5 15 32	18°12'51	18°15	6°26	12°46	19°34	0°46	22°33	22° 9	13°40	20°35	25°29
S 11	5 19 28	19°13'55	19°14	9°11	14°22	20° 2	0°51	22°35	22°10	13°40	20°35	25°30
M12	5 23 25	20°15'01	20°14	11°55	15°57	20°29	0°56	22°37	22°11	13°40	20°36	25°31
T 13	5 27 22	21°16'07	21°13	14°40	17°33	20°57	1° 1	22°39	22°11	13°41	20°36	25°32
W14	5 31 18	22°17'13	22°12	17°25	19° 9	21°24	1° 5	22°41	22°12	13°41	20°36	25°33
T 15	5 35 15	23°18'20	23°12	20°10	20°45	21°52	1°10	22°42	22°13	13°41	20°37	25°34
F 16	5 39 11	24°19'28	24°12	22°56	22°20	22°19	1°15	22°44	22°13	13°42	20°37	25°35
S 17	5 43 8	25°20'35	25°12	25°42	23°56	22°47	1°19	22°46	22°14	13°42	20°37	25°37
S 18	5 47 4	26°21'42	26°13	28°30	25°32	23°14	1°24	22°48	22°15	13°42	20°38	25°38
M19	5 51 1	27°22'50	27°14	1♂19	27° 8	23°41	1°29	22°50	22°15	13°43	20°38	25°39
T 20	5 54 57	28°23'58	28°16	4° 9	28°44	24° 9	1°33	22°52	22°16	13°43	20°39	25°40
W21	5 58 54	29°25'06	29°18	7° 1	0♂20	24°36	1°38	22°54	22°16	13°43	20°39	25°41
T 22	6 2 51	0♁26'14	0♁20	9°55	1°56	25° 3	1°43	22°56	22°17	13°44	20°39	25°42
F 23	6 6 47	1°27'22	1°23	12°51	3°32	25°31	1°48	22°58	22°18	13°44	20°40	25°43
S 24	6 10 44	2°28'30	2°26	15°49	5° 8	25°58	1°52	22°59	22°18	13°45	20°40	25°45
S 25	6 14 40	3°29'39	3°29	18°50	6°44	26°25	1°57	23° 1	22°19	13°45	20°40	25°46
M26	6 18 37	4°30'48	4°32	21°54	8°20	26°52	2° 2	23° 3	22°20	13°45	20°41	25°47
T 27	6 22 33	5°31'57	5°35	25° 1	9°56	27°19	2° 6	23° 5	22°20	13°46	20°41	25°48
W28	6 26 30	6°33'06	6°37	28°11	11°32	27°47	2°11	23° 7	22°21	13°46	20°42	25°49
T 29	6 30 27	7°34'15	7°40	1♁25	13° 8	28°14	2°16	23° 9	22°22	13°46	20°42	25°50
F 30	6 34 23	8°35'24	8°43	4°43	14°44	28°41	2°20	23°11	22°22	13°47	20°42	25°51
S 31	6 38 20	9♁36'34	9♁45	8♁ 5	16♂21	29♁ 8	2♂25	23♁13	22♂23	13♂47	20♂43	25♂52

Delta T = 14.22 sec.

Greg. Calendar

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