

SWISS EPHEMERIS for the year 1477 BCE

JANUARY 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	5 45 53	28♁12'50	18♃30	7°R35	27°R43	4♃ 3	25♁ 1	23♃35	15°R51	12♄13	16♅23	8°R32	7♁20	23♃57	n.a.
M 2	5 49 49	29°13'31	0♃53	7°D34	27♃43	4°50	25°12	23°38	15♁50	12°15	16°R23	8°D32	7°17	24° 4	n.a.
T 3	5 53 46	0♃14'10	13°36	7♁41	27°40	5°37	25°22	23°41	15°48	12°16	16°23	8♃32	7°13	24°11	n.a.
W 4	5 57 42	1°14'47	26°42	7°54	27°34	6°25	25°33	23°44	15°47	12°18	16°23	8°34	7°10	24°18	n.a.
T 5	6 1 39	2°15'22	10♃15	8°14	27°25	7°12	25°45	23°47	15°45	12°20	16°23	8°R34	7° 7	24°24	n.a.
F 6	6 5 36	3°15'55	24°18	8°39	27°15	7°59	25°56	23°50	15°43	12°21	16°23	8°33	7° 4	24°31	n.a.
S 7	6 9 32	4°16'26	8♁49	9° 9	27° 1	8°46	26° 7	23°53	15°42	12°23	16°22	8°29	7° 1	24°38	n.a.
S 8	6 13 29	5°16'56	23°44	9°44	26°45	9°34	26°19	23°57	15°40	12°24	16°22	8°24	6°57	24°44	n.a.
M 9	6 17 25	6°17'24	8♁55	10°24	26°27	10°21	26°30	24° 0	15°38	12°26	16°22	8°16	6°54	24°51	n.a.
T 10	6 21 22	7°17'49	24°13	11° 7	26° 6	11° 8	26°42	24° 4	15°36	12°27	16°22	8° 7	6°51	24°58	n.a.
W11	6 25 18	8°18'14	9♁25	11°55	25°43	11°55	26°53	24° 7	15°35	12°29	16°21	7°57	6°48	25° 5	n.a.
T 12	6 29 15	9°18'36	24°22	12°46	25°18	12°42	27° 5	24°11	15°33	12°30	16°21	7°49	6°45	25°11	n.a.
F 13	6 33 11	10°18'57	8♁56	13°40	24°50	13°29	27°17	24°15	15°31	12°32	16°21	7°43	6°42	25°18	n.a.
S 14	6 37 8	11°19'15	23° 3	14°37	24°21	14°16	27°29	24°19	15°29	12°33	16°20	7°39	6°38	25°25	n.a.
S 15	6 41 5	12°19'33	6♁43	15°37	23°49	15° 3	27°41	24°23	15°27	12°35	16°20	7°38	6°35	25°32	n.a.
M16	6 45 1	13°19'49	19°57	16°39	23°17	15°50	27°53	24°27	15°25	12°36	16°19	7°D38	6°32	25°38	n.a.
T 17	6 48 58	14°20'03	2♁48	17°44	22°42	16°38	28° 5	24°31	15°23	12°37	16°19	7°R38	6°29	25°45	n.a.
W18	6 52 54	15°20'15	15°21	18°52	22° 7	17°25	28°18	24°36	15°20	12°39	16°18	7°38	6°26	25°52	n.a.
T 19	6 56 51	16°20'26	27°40	20° 1	21°31	18°11	28°30	24°40	15°18	12°40	16°18	7°36	6°23	25°58	n.a.
F 20	7 0 47	17°20'35	9♁48	21°12	20°53	18°58	28°42	24°45	15°16	12°41	16°17	7°32	6°19	26° 5	n.a.
S 21	7 4 44	18°20'42	21°49	22°25	20°16	19°45	28°55	24°49	15°14	12°42	16°16	7°24	6°16	26°12	n.a.
S 22	7 8 40	19°20'47	3♁46	23°40	19°38	20°32	29° 7	24°54	15°12	12°43	16°16	7°14	6°13	26°19	n.a.
M23	7 12 37	20°20'51	15°39	24°57	19° 0	21°19	29°20	24°59	15° 9	12°45	16°15	7° 1	6°10	26°25	n.a.
T 24	7 16 34	21°20'52	27°32	26°15	18°23	22° 6	29°33	25° 3	15° 7	12°46	16°14	6°47	6° 7	26°32	n.a.
W25	7 20 30	22°20'51	9♁24	27°35	17°46	22°53	29°46	25° 8	15° 5	12°47	16°13	6°33	6° 3	26°39	n.a.
T 26	7 24 27	23°20'48	21°17	28°56	17° 9	23°40	29°58	25°13	15° 3	12°48	16°13	6°20	6° 0	26°46	n.a.
F 27	7 28 23	24°20'42	3♁13	0♃19	16°34	24°26	0♃11	25°19	15° 0	12°49	16°12	6° 8	5°57	26°52	n.a.
S 28	7 32 20	25°20'35	15°15	1°43	16° 0	25°13	0°24	25°24	14°58	12°50	16°11	6° 0	5°54	26°59	n.a.
S 29	7 36 16	26°20'25	27°25	3° 9	15°28	26° 0	0°37	25°29	14°55	12°51	16°10	5°54	5°51	27° 6	n.a.
M30	7 40 13	27°20'12	9♁48	4°36	14°57	26°46	0°50	25°34	14°53	12°52	16° 9	5°51	5°48	27°12	n.a.
T 31	7 44 9	28♁19'57	22°Y26	6♃ 4	14♃27	27♃33	1♃ 4	25♃40	14♁21	12♄53	16♅ 8	5♁50	5♁44	27♃19	n.a.

Delta T = 09h56m24s Julian Calendar 1 Jan. 1477 BCE == Greg. Calendar 19 Dec. 1478 BCE
 The year -1476 astronomical counting style corresponds to year 1477 B.C.E historical counting style.

FEBRUARY 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	7 48 6	29♁19'40	5♁26	7♃33	14°R 0	28♃20	1♃17	25♃45	14°R48	12♄54	16°R 7	5°R50	5♁41	27♃26	n.a.
T 2	7 52 3	0♁19'21	18°50	9° 4	13♃35	29° 6	1°30	25°51	14♁46	12°54	16♅ 6	5♁50	5°38	27°33	n.a.
F 3	7 55 59	1°18'59	2♁42	10°36	13°12	29°53	1°43	25°56	14°43	12°55	16° 5	5°48	5°35	27°39	n.a.
S 4	7 59 56	2°18'34	17° 3	12°10	12°51	0♁39	1°57	26° 2	14°41	12°56	16° 4	5°43	5°32	27°46	n.a.
S 5	8 3 52	3°18'08	1♁51	13°44	12°33	1°26	2°10	26° 8	14°38	12°57	16° 3	5°37	5°29	27°53	n.a.
M 6	8 7 49	4°17'38	17° 0	15°20	12°17	2°12	2°23	26°14	14°35	12°57	16° 2	5°27	5°25	27°59	n.a.
T 7	8 11 45	5°17'07	2♁20	16°57	12° 3	2°59	2°37	26°20	14°33	12°58	16° 1	5°16	5°22	28° 6	n.a.
W 8	8 15 42	6°16'33	17°40	18°35	11°52	3°45	2°50	26°26	14°30	12°59	16° 0	5° 5	5°19	28°13	n.a.
T 9	8 19 39	7°15'58	2♁49	20°15	11°44	4°31	3° 4	26°32	14°28	12°59	15°58	4°54	5°16	28°20	n.a.
F 10	8 23 35	8°15'20	17°36	21°56	11°38	5°17	3°18	26°38	14°25	13° 0	15°57	4°46	5°13	28°26	n.a.
S 11	8 27 32	9°14'40	1♁56	23°38	11°34	6° 4	3°31	26°44	14°23	13° 0	15°56	4°41	5° 9	28°33	n.a.
S 12	8 31 28	10°13'58	15°46	25°22	11°D33	6°50	3°45	26°50	14°20	13° 1	15°55	4°38	5° 6	28°40	n.a.
M13	8 35 25	11°13'14	29° 6	27° 7	11°35	7°36	3°59	26°57	14°17	13° 1	15°53	4°37	5° 3	28°47	n.a.
T 14	8 39 21	12°12'28	12♄ 1	28°53	11°38	8°22	4°12	27° 3	14°15	13° 2	15°52	4°37	5° 0	28°53	n.a.
W15	8 43 18	13°11'40	24°34	0♁40	11°44	9° 8	4°26	27° 9	14°12	13° 2	15°51	4°37	4°57	29° 0	n.a.
T 16	8 47 14	14°10'51	6♁50	2°29	11°52	9°54	4°40	27°16	14°10	13° 3	15°49	4°35	4°54	29° 7	n.a.
F 17	8 51 11	15°10'00	18°54	4°19	12° 3	10°40	4°54	27°22	14° 7	13° 3	15°48	4°31	4°50	29°13	n.a.
S 18	8 55 8	16° 9'06	0♃50	6°11	12°15	11°26	5° 8	27°29	14° 4	13° 3	15°47	4°24	4°47	29°20	n.a.
S 19	8 59 4	17° 8'11	12°42	8° 4	12°30	12°12	5°22	27°36	14° 2	13° 4	15°45	4°14	4°44	29°27	n.a.
M20	9 3 1	18° 7'14	24°33	9°58	12°47	12°58	5°36	27°42	13°59	13° 4	15°44	4° 2	4°41	29°34	n.a.
T 21	9 6 57	19° 6'14	6♁24	11°54	13° 5	13°44	5°50	27°49	13°57	13° 4	15°42	3°48	4°38	29°40	n.a.
W22	9 10 54	20° 5'12	18°19	13°51	13°26	14°30	6° 4	27°56	13°54	13° 4	15°41	3°35	4°35	29°47	n.a.
T 23	9 14 50	21° 4'09	0♃17	15°49	13°48	15°16	6°18	28° 3	13°51	13° 4	15°39	3°22	4°31	29°54	n.a.
F 24	9 18 47	22° 3'02	12°21	17°48	14°12	16° 1	6°32	28°10	13°49	13° 4	15°38	3°10	4°28	0♁ 1	n.a.
S 25	9 22 43	23° 1'54	24°31	19°49	14°38	16°47	6°46	28°17	13°46	13° 4	15°36	3° 2	4°25	0° 7	n.a.
S 26	9 26 40	24° 0'43	6♁50	21°51	15° 5	17°33	7° 0	28°24	13°44	13° 5	15°35	2°56	4°22	0°14	n.a.
M27	9 30 37	24°59'30	19°20	23°54	15°34	18°18	7°14	28°31	13°41	13°R 5	15°33	2°53	4°19	0°21	n.a.
T 28	9 34 33	25°58'15	2♃ 3	25°58	16° 4	19° 4	7°28	28°38	13°39	13° 5	15°32	2°D53	4°15	0°27	n.a.
W29	9 38 30	26♁56'57	15♁ 3	28♁ 2	16♃36	19♁49	7♃42	28♃45	13♁36	13♄ 4	15♅30	2♁53	4♁12	0♁34	n.a.

Delta T = 09h56m23s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [7.2.2007]

SWISS EPHEMERIS for the year 1477 BCE

MARCH 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	9 42 26	27 ⁵⁵ 37	28 ⁸ 24	0 ⁸ 8	17 ³ 9	20 ³⁵	7 ⁵⁷	28 ⁵²	13 ^R 34	13 ^R 4	15 ^R 29	2 ^R 53	4 ⁸ 9	0 ⁴¹	n.a.
F 2	9 46 23	28 ⁵⁴ 15	12 ^{II} 8	2 ¹³	17 ⁴³	21 ²⁰	8 ¹¹	28 ⁵⁹	13 ^Ω 31	13 ^Ω 4	15 ^Ω 27	2 ^Ω 52	4 ⁶	0 ⁴⁸	n.a.
S 3	9 50 19	29 ⁵² 50	26 ¹⁶	4 ¹⁹	18 ¹⁹	22 ⁵	8 ²⁵	29 ⁶	13 [°] 29	13 [°] 4	15 [°] 25	2 [°] 50	4 ³	0 ⁵⁴	n.a.
S 4	9 54 16	0 ⁸ 51'23	10 ^Ω 48	6 ²⁵	18 ⁵⁶	22 ⁵¹	8 ³⁹	29 ¹⁴	13 [°] 26	13 [°] 4	15 [°] 24	2 [°] 45	4 ⁰	1 [°] 1	n.a.
M 5	9 58 12	1 ⁴⁹ 54	25 ⁴⁰	8 ³¹	19 ³⁴	23 ³⁶	8 ⁵³	29 ²¹	13 [°] 24	13 [°] 4	15 [°] 22	2 [°] 38	3 [°] 56	1 [°] 8	n.a.
T 6	10 2 9	2 ⁴⁸ 22	10 ^Ω 46	10 ³⁶	20 ¹³	24 ²¹	9 ⁸	29 ²⁸	13 [°] 21	13 [°] 3	15 [°] 20	2 [°] 29	3 [°] 53	1 [°] 15	n.a.
W 7	10 6 6	3 ⁴⁶ 48	25 ⁵⁵	12 ⁴¹	20 ⁵⁴	25 ⁶	9 ²²	29 ³⁶	13 [°] 19	13 [°] 3	15 [°] 19	2 [°] 20	3 [°] 50	1 [°] 21	n.a.
T 8	10 10 2	4 ⁴⁵ 12	10 ^Ω 57	14 ⁴⁴	21 ³⁵	25 ⁵¹	9 ³⁶	29 ⁴³	13 [°] 17	13 [°] 3	15 [°] 17	2 [°] 12	3 [°] 47	1 [°] 28	n.a.
F 9	10 13 59	5 ⁴³ 34	25 ⁴³	16 ⁴⁵	22 ¹⁸	26 ³⁶	9 ⁵⁰	29 ⁵¹	13 [°] 14	13 [°] 2	15 [°] 16	2 [°] 5	3 [°] 44	1 [°] 35	n.a.
S 10	10 17 55	6 ⁴¹ 54	10 ^Ω 6	18 ⁴⁵	23 ¹	27 ²¹	10 ⁵	29 ⁵⁸	13 [°] 12	13 [°] 2	15 [°] 14	2 [°] 1	3 [°] 41	1 [°] 41	n.a.
S 11	10 21 52	7 ⁴⁰ 12	24 ²	20 ⁴³	23 ⁴⁵	28 ⁶	10 ¹⁹	0 ^Υ 6	13 [°] 10	13 [°] 2	15 [°] 12	1 [°] 59	3 [°] 37	1 [°] 48	n.a.
M12	10 25 48	8 ³⁸ 29	7 ^{II} 29	22 ³⁸	24 ³¹	28 ⁵¹	10 ³³	0 ¹³	13 [°] 7	13 [°] 1	15 [°] 10	1 [°] D59	3 [°] 34	1 [°] 55	n.a.
T 13	10 29 45	9 ³⁶ 44	20 ³⁰	24 ³⁰	25 ¹⁷	29 ³⁶	10 ⁴⁷	0 ²¹	13 [°] 5	13 [°] 1	15 [°] 9	2 [°] 0	3 [°] 31	2 [°] 2	n.a.
W14	10 33 41	10 ³⁴ 57	3 ⁸	26 ¹⁹	26 ⁴	0 ⁸ 21	11 ²	0 ²⁸	13 [°] 3	13 [°] 0	15 [°] 7	2 [°] 1	3 [°] 28	2 [°] 8	n.a.
T 15	10 37 38	11 ³³ 09	15 ²⁷	28 ⁵	26 ⁵²	1 ⁵	11 ¹⁶	0 ³⁶	13 [°] 1	13 [°] 0	15 [°] 5	2 [°] R 1	3 [°] 25	2 [°] 15	n.a.
F 16	10 41 35	12 ³¹ 19	27 ³²	29 ⁴⁸	27 ⁴⁰	1 ⁵⁰	11 ³⁰	0 ⁴⁴	12 [°] 59	12 [°] 59	15 [°] 4	2 [°] 0	3 [°] 21	2 [°] 22	n.a.
S 17	10 45 31	13 ²⁹ 27	9 ³ 29	1 ^Υ 27	28 ²⁹	2 ³⁵	11 ⁴⁴	0 ⁵¹	12 [°] 56	12 [°] 59	15 [°] 2	1 [°] 56	3 [°] 18	2 [°] 28	n.a.
S 18	10 49 28	14 ²⁷ 34	21 ²⁰	3 ¹	29 ¹⁹	3 ¹⁹	11 ⁵⁹	0 ⁵⁹	12 [°] 54	12 [°] 58	15 [°] 0	1 [°] 51	3 [°] 15	2 [°] 35	n.a.
M19	10 53 24	15 ²⁵ 39	3 ¹²	4 ³²	0 ³⁰ 10	4 ⁴	12 ¹³	1 ⁷	12 [°] 52	12 [°] 57	14 [°] 59	1 [°] 44	3 [°] 12	2 [°] 42	n.a.
T 20	10 57 21	16 ²³ 43	15 ⁵	5 ⁵⁹	1 ¹	4 ⁴⁹	12 ²⁷	1 ¹⁴	12 [°] 50	12 [°] 57	14 [°] 57	1 [°] 36	3 [°] 9	2 [°] 49	n.a.
W21	11 1 17	17 ²¹ 45	27 ⁴	7 ²²	1 ⁵³	5 ³³	12 ⁴¹	1 ²²	12 [°] 48	12 [°] 56	14 [°] 55	1 [°] 27	3 [°] 6	2 [°] 55	n.a.
T 22	11 5 14	18 ¹⁹ 45	9 ⁸ 10	8 ⁴⁰	2 ⁴⁶	6 ¹⁷	12 ⁵⁶	1 ³⁰	12 [°] 46	12 [°] 55	14 [°] 54	1 [°] 19	3 [°] 2	3 [°] 2	n.a.
F 23	11 9 10	19 ¹⁷ 43	21 ²⁴	9 ⁵⁴	3 ³⁹	7 ²	13 ¹⁰	1 ³⁸	12 [°] 44	12 [°] 54	14 [°] 52	1 [°] 13	2 [°] 59	3 [°] 9	n.a.
S 24	11 13 7	20 ¹⁵ 40	3 ^Υ 48	11 ³	4 ³²	7 ⁴⁶	13 ²⁴	1 ⁴⁶	12 [°] 42	12 [°] 54	14 [°] 50	1 [°] 8	2 [°] 56	3 [°] 16	n.a.
S 25	11 17 3	21 ¹³ 34	16 ²¹	12 ⁸	5 ²⁷	8 ³⁰	13 ³⁸	1 ⁵³	12 [°] 40	12 [°] 53	14 [°] 49	1 [°] 5	2 [°] 53	3 [°] 22	n.a.
M26	11 21 0	22 ¹¹ 28	29 ⁷	13 ⁸	6 ²¹	9 ¹⁴	13 ⁵²	2 ¹	12 [°] 39	12 [°] 52	14 [°] 47	1 [°] D 4	2 [°] 50	3 [°] 29	n.a.
T 27	11 24 57	23 ⁹ 19	12 ⁸ 5	14 ⁴	7 ¹⁶	9 ⁵⁹	14 ⁷	2 ⁹	12 [°] 37	12 [°] 51	14 [°] 45	1 [°] 4	2 [°] 46	3 [°] 36	n.a.
W28	11 28 53	24 ⁷ 08	9 ⁸ 10	14 ⁵⁵	8 ¹²	10 ⁴³	14 ²¹	2 ¹⁷	12 [°] 35	12 [°] 50	14 [°] 43	1 [°] 6	2 [°] 43	3 [°] 42	n.a.
T 29	11 32 50	25 ⁴ 56	8 ^{II} 44	15 ⁴¹	9 ⁸	11 ²⁷	14 ³⁵	2 ²⁵	12 [°] 33	12 [°] 49	14 [°] 42	1 [°] 7	2 [°] 40	3 [°] 49	n.a.
F 30	11 36 46	26 ² 42	22 ²⁹	16 ²²	10 ⁵	12 ¹¹	14 ⁴⁹	2 ³³	12 [°] 32	12 [°] 48	14 [°] 40	1 [°] R 8	2 [°] 37	3 [°] 56	n.a.
S 31	11 40 43	27 ⁸ 02'25	6 ^Ω 30	16 ^Υ 58	11 ²²	12 ⁸ 55	15 ⁸ 3	2 ^Υ 41	12 ^Ω 30	12 ^Ω 47	14 ^Ω 39	1 ^Ω 7	2 ^Ω 34	4 ³	n.a.

Delta T = 09h56m21s Julian Calendar 1 March 1477 BCE == Greg. Calendar 17 Feb. 1477 BCE
 The year -1476 astronomical counting style corresponds to year 1477 B.C.E historical counting style.

APRIL 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	11 44 39	27 ⁵⁸ 07	20 ^Ω 49	17 ^Υ 29	11 ⁵⁵ 9	13 ⁸ 38	15 ⁸ 17	2 ^Υ 49	12 ^R 29	12 ^R 46	14 ^R 37	1 ^R 6	2 ^Ω 31	4 ⁹	n.a.
M 2	11 48 36	28 ⁵⁵ 48	5 ^Ω 21	17 ⁵⁵	12 ⁵⁷	14 ²²	15 ³¹	2 ⁵⁶	12 ^Ω 27	12 ^Ω 45	14 ^Ω 35	1 ^Ω 3	2 [°] 27	4 [°] 16	n.a.
T 3	11 52 32	29 ⁵³ 26	20 ³	18 ¹⁶	13 ⁵⁵	15 ⁶	15 ⁴⁵	3 ⁴	12 [°] 26	12 [°] 44	14 [°] 34	0 [°] 59	2 [°] 24	4 [°] 23	n.a.
W 4	11 56 29	0 ^Υ 51'03	4 ^{II} 48	18 ³³	14 ⁵⁴	15 ⁵⁰	15 ⁵⁹	3 ¹²	12 [°] 24	12 [°] 43	14 [°] 32	0 [°] 54	2 [°] 21	4 [°] 30	n.a.
T 5	12 0 26	1 ⁴⁸ 38	19 ²⁹	18 ⁴⁴	15 ⁵³	16 ³³	16 ¹³	3 ²⁰	12 [°] 23	12 [°] 42	14 [°] 30	0 [°] 50	2 [°] 18	4 [°] 36	n.a.
F 6	12 4 22	2 ⁴⁶ 11	3 ^Ω 59	18 ⁵⁰	16 ⁵²	17 ¹⁷	16 ²⁷	3 ²⁸	12 [°] 21	12 [°] 41	14 [°] 29	0 [°] 47	2 [°] 15	4 [°] 43	n.a.
S 7	12 8 19	3 ⁴³ 44	18 ¹¹	18 ^R 51	17 ⁵²	18 ⁰	16 ⁴¹	3 ³⁶	12 [°] 20	12 [°] 40	14 [°] 27	0 [°] 46	2 [°] 12	4 [°] 50	n.a.
S 8	12 12 15	4 ⁴¹ 14	2 ^{II} 1	18 ⁴⁸	18 ⁵²	18 ⁴⁴	16 ⁵⁵	3 ⁴⁴	12 [°] 19	12 [°] 39	14 [°] 26	0 [°] D45	2 [°] 8	4 [°] 56	n.a.
M 9	12 16 12	5 ³⁸ 44	15 ²⁸	18 ⁴⁰	19 ⁵²	19 ²⁷	17 ⁹	3 ⁵²	12 [°] 17	12 [°] 37	14 [°] 24	0 [°] 46	2 [°] 5	5 [°] 3	n.a.
T 10	12 20 8	6 ³⁶ 13	28 ³¹	18 ²⁸	20 ⁵³	20 ¹¹	17 ²³	4 ⁰	12 [°] 16	12 [°] 36	14 [°] 23	0 [°] 47	2 [°] 2	5 [°] 10	n.a.
W11	12 24 5	7 ³³ 41	11 ⁸ 12	18 ¹¹	21 ⁵⁴	20 ⁵⁴	17 ³⁶	4 ⁸	12 [°] 15	12 [°] 35	14 [°] 21	0 [°] 49	1 [°] 59	5 [°] 17	n.a.
T 12	12 28 1	8 ³¹ 07	23 ³⁵	17 ⁵¹	22 ⁵⁵	21 ³⁷	17 ⁵⁰	4 ¹⁶	12 [°] 14	12 [°] 34	14 [°] 20	0 [°] 50	1 [°] 56	5 [°] 23	n.a.
F 13	12 31 58	9 ²⁸ 33	5 ^Ω 43	17 ²⁷	23 ⁵⁷	22 ²⁰	18 ⁴	4 ²³	12 [°] 13	12 [°] 32	14 [°] 18	0 [°] R51	1 [°] 52	5 [°] 30	n.a.
S 14	12 35 55	10 ²⁵ 58	17 ⁴²	17 ¹	24 ⁵⁸	23 ⁴	18 ¹⁸	4 ³¹	12 [°] 12	12 [°] 31	14 [°] 17	0 [°] 50	1 [°] 49	5 [°] 37	n.a.
S 15	12 39 51	11 ²³ 22	29 ³⁵	16 ³²	26 ⁰	23 ⁴⁷	18 ³¹	4 ³⁹	12 [°] 11	12 [°] 30	14 [°] 15	0 [°] 49	1 [°] 46	5 [°] 43	n.a.
M16	12 43 48	12 ²⁰ 45	11 ²² 28	16 ¹	27 ³	24 ³⁰	18 ⁴⁵	4 ⁴⁷	12 [°] 10	12 [°] 29	14 [°] 14	0 [°] 48	1 [°] 43	5 [°] 50	n.a.
T 17	12 47 44	13 ¹⁸ 07	23 ²⁴	15 ²⁸	28 ⁵	25 ¹³	18 ⁵⁸	4 ⁵⁵	12 [°] 9	12 [°] 27	14 [°] 12	0 [°] 45	1 [°] 40	5 [°] 57	n.a.
W18	12 51 41	14 ¹⁵ 28	5 ⁸ 28	14 ⁵⁴	29 ⁸	25 ⁵⁶	19 ¹²	5 ³	12 [°] 9	12 [°] 26	14 [°] 11	0 [°] 43	1 [°] 37	6 [°] 4	n.a.
T 19	12 55 37	15 ¹² 49	17 ⁴¹	14 ²¹	0 ⁸ 11	26 ³⁹	19 ²⁶	5 ¹¹	12 [°] 8	12 [°] 24	14 [°] 9	0 [°] 40	1 [°] 33	6 [°] 10	n.a.
F 20	12 59 34	16 ¹⁰ 08	0 ^Υ 6	13 ⁴⁷	1 ¹⁵	27 ²¹	19 ³⁹	5 ¹⁹	12 [°] 7	12 [°] 23	14 [°] 8	0 [°] 38	1 [°] 30	6 [°] 17	n.a.
S 21	13 3 30	17 ⁷ 27	12 ⁴⁴	13 ¹⁴	2 ¹⁸	28 ⁴	19 ⁵²	5 ²⁶	12 [°] 7	12 [°] 22	14 [°] 7	0 [°] 37	1 [°] 27	6 [°] 24	n.a.
S 22	13 7 27	18 ⁴ 44	25 ³⁶	12 ⁴³	3 ²²	28 ⁴⁷	20 ⁶	5 ³⁴	12 [°] 6	12 [°] 20	14				

SWISS EPHEMERIS for the year 1477 BCE

MAY 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	13 42 56	26°39'40	0m15	10°D14	13X 4	5Y 9	22X 4	6Y44	12°R 3	12°R 7	13°R54	0°R39	0B55	7≈31	n.a.
W 2	13 46 53	27°36'48	14°34	10Y17	14°10	5°51	22°17	6°51	12D 3	12M 5	13M53	0B39	0°52	7°38	n.a.
T 3	13 50 49	28°33'55	28°47	10°25	15°15	6°33	22°29	6°59	12°D 3	12° 4	13°52	0°38	0°49	7°45	n.a.
F 4	13 54 46	29°31'01	12D51	10°38	16°21	7°15	22°42	7° 6	12° 3	12° 2	13°51	0°38	0°46	7°51	n.a.
S 5	13 58 42	0B28'07	26°41	10°55	17°27	7°57	22°55	7°14	12° 3	12° 1	13°50	0°38	0°43	7°58	n.a.
S 6	14 2 39	1°25'12	10M15	11°17	18°33	8°39	23° 7	7°21	12° 3	11°59	13°49	0°38	0°39	8° 5	n.a.
M 7	14 6 35	2°22'17	23°31	11°43	19°40	9°21	23°20	7°29	12° 3	11°57	13°48	0°38	0°36	8°11	n.a.
T 8	14 10 32	3°19'22	6X28	12°14	20°46	10° 3	23°32	7°36	12° 4	11°56	13°47	0°38	0°33	8°18	n.a.
W 9	14 14 28	4°16'26	19° 7	12°49	21°53	10°44	23°45	7°44	12° 4	11°54	13°46	0°38	0°30	8°25	n.a.
T 10	14 18 25	5°13'30	1B30	13°28	23° 0	11°26	23°57	7°51	12° 4	11°53	13°45	0°37	0°27	8°32	n.a.
F 11	14 22 22	6°10'35	13°39	14°12	24° 7	12° 8	24°10	7°58	12° 5	11°51	13°44	0°37	0°23	8°38	n.a.
S 12	14 26 18	7° 7'39	25°39	15° 0	25°14	12°49	24°22	8° 6	12° 5	11°49	13°44	0°36	0°20	8°45	n.a.
S 13	14 30 15	8° 4'43	7≈34	15°52	26°21	13°31	24°34	8°13	12° 6	11°48	13°43	0°D36	0°17	8°52	n.a.
M14	14 34 11	9° 1'47	19°27	16°48	27°28	14°12	24°46	8°20	12° 6	11°46	13°42	0°36	0°14	8°58	n.a.
T 15	14 38 8	9°58'51	1X25	17°48	28°36	14°54	24°58	8°27	12° 7	11°45	13°41	0°37	0°11	9° 5	n.a.
W16	14 42 4	10°55'56	13°30	18°52	29°43	15°35	25°10	8°34	12° 8	11°43	13°41	0°38	0° 8	9°12	n.a.
T 17	14 46 4	11°53'00	25°48	20° 0	0Y51	16°17	25°22	8°41	12° 8	11°41	13°40	0°39	0° 4	9°19	n.a.
F 18	14 49 57	12°50'05	8Y20	21°12	1°59	16°58	25°33	8°49	12° 9	11°40	13°39	0°40	0° 1	9°25	n.a.
S 19	14 53 54	13°47'09	21°11	22°27	3° 7	17°39	25°45	8°56	12°10	11°38	13°39	0°40	29Y58	9°32	n.a.
S 20	14 57 50	14°44'14	4B21	23°46	4°15	18°20	25°57	9° 3	12°11	11°36	13°38	0°R40	29°55	9°39	n.a.
M21	15 1 47	15°41'19	17°49	25° 9	5°23	19° 1	26° 8	9° 9	12°12	11°35	13°37	0°40	29°52	9°46	n.a.
T 22	15 5 44	16°38'24	1I35	26°35	6°31	19°42	26°20	9°16	12°13	11°33	13°37	0°39	29°49	9°52	n.a.
W23	15 9 40	17°35'29	15°35	28° 5	7°39	20°23	26°31	9°23	12°14	11°32	13°36	0°37	29°45	9°59	n.a.
T 24	15 13 37	18°32'34	29°46	29°39	8°48	21° 4	26°42	9°30	12°15	11°30	13°36	0°34	29°42	10° 6	n.a.
F 25	15 17 33	19°29'40	14B 4	1B15	9°56	21°45	26°53	9°37	12°16	11°28	13°36	0°32	29°39	10°12	n.a.
S 26	15 21 30	20°26'45	28°24	2°56	11° 5	22°26	27° 4	9°43	12°17	11°27	13°35	0°30	29°36	10°19	n.a.
S 27	15 25 26	21°23'50	12D42	4°39	12°14	23° 7	27°15	9°50	12°18	11°25	13°35	0°29	29°33	10°26	n.a.
M28	15 29 23	22°20'55	26°55	6°26	13°23	23°48	27°26	9°57	12°20	11°24	13°34	0°D29	29°29	10°33	n.a.
T 29	15 33 20	23°17'59	11M 2	8°16	14°32	24°28	27°37	10° 3	12°21	11°22	13°34	0°30	29°26	10°39	n.a.
W30	15 37 16	24°15'04	25° 0	10° 8	15°41	25° 9	27°48	10°10	12°23	11°20	13°34	0°31	29°23	10°46	n.a.
T 31	15 41 13	25B12'09	8D47	12B 4	16Y50	25Y49	27X58	10Y16	12D24	11M19	13M34	0B32	29Y20	10≈53	n.a.

Delta T = 09h56m17s Julian Calendar 1 May 1477 BCE == Greg. Calendar 18 Apr. 1477 BCE
 The year -1476 astronomical counting style corresponds to year 1477 B.C.E historical counting style.

JUNE 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
F 1	15 45 9	26B 9'14	22D24	14B 1	17Y59	26Y30	28X 9	10Y22	12D25	11°R17	13°R33	0B33	29Y17	10≈59	n.a.
S 2	15 49 6	27° 6'20	5M49	16° 1	19° 8	27°10	28°19	10°29	12°27	11M16	13M33	0°R34	29°14	11° 6	n.a.
S 3	15 53 2	28° 3'26	19° 1	18° 3	20°18	27°51	28°29	10°35	12°29	11°14	13°33	0°32	29°10	11°13	n.a.
M 4	15 56 59	29° 0'32	1X59	20° 7	21°27	28°31	28°39	10°41	12°30	11°13	13°33	0°30	29° 7	11°20	n.a.
T 5	16 0 55	29°57'39	14°44	22°12	22°37	29°11	28°50	10°47	12°32	11°11	13°33	0°26	29° 4	11°26	n.a.
W 6	16 4 52	0II54'47	27°15	24°19	23°46	29°52	28°59	10°53	12°34	11°10	13°D33	0°21	29° 1	11°33	n.a.
T 7	16 8 49	1°51'55	9B33	26°26	24°56	0B32	29° 9	10°59	12°35	11° 8	13°33	0°16	28°58	11°40	n.a.
F 8	16 12 45	2°49'04	21°40	28°34	26° 6	1°12	29°19	11° 5	12°37	11° 7	13°33	0°11	28°55	11°47	n.a.
S 9	16 16 42	3°46'14	3≈38	0II41	27°16	1°52	29°29	11°11	12°39	11° 5	13°33	0° 7	28°51	11°53	n.a.
S 10	16 20 38	4°43'25	15°32	2°49	28°26	2°32	29°38	11°17	12°41	11° 4	13°33	0° 3	28°48	12° 0	n.a.
M11	16 24 35	5°40'37	27°25	4°57	29°36	3°12	29°48	11°23	12°43	11° 2	13°33	0° 2	28°45	12° 7	n.a.
T 12	16 28 31	6°37'50	9X21	7° 4	0B46	3°52	29°57	11°28	12°45	11° 1	13°33	0°D 1	28°42	12°13	n.a.
W13	16 32 28	7°35'04	21°25	9°10	1°56	4°32	0Y 6	11°34	12°47	11° 0	13°34	0° 2	28°39	12°20	n.a.
T 14	16 36 24	8°32'19	3Y43	11°15	3° 7	5°12	0°15	11°39	12°49	10°58	13°34	0° 4	28°35	12°27	n.a.
F 15	16 40 21	9°29'35	16°18	13°19	4°17	5°51	0°24	11°45	12°51	10°57	13°34	0° 5	28°32	12°34	n.a.
S 16	16 44 18	10°26'53	29°15	15°22	5°28	6°31	0°33	11°50	12°54	10°55	13°34	0°R 6	28°29	12°40	n.a.
S 17	16 48 14	11°24'11	12B36	17°24	6°38	7°11	0°41	11°56	12°56	10°54	13°35	0° 5	28°26	12°47	n.a.
M18	16 52 11	12°21'31	26°20	19°24	7°49	7°50	0°50	12° 1	12°58	10°53	13°35	0° 2	28°23	12°54	n.a.
T 19	16 56 7	13°18'52	10II28	21°23	9° 0	8°30	0°58	12° 6	13° 0	10°51	13°36	29Y58	28°20	13° 0	n.a.
W20	17 0 4	14°16'14	24°54	23°21	10°10	9° 9	1° 7	12°11	13° 3	10°50	13°36	29°52	28°16	13° 7	n.a.
T 21	17 4 0	15°13'37	9B33	25°16	11°21	9°49	1°15	12°16	13° 5	10°49	13°37	29°45	28°13	13°14	n.a.
F 22	17 7 57	16°11'01	24°16	27°11	12°32	10°28	1°23	12°21	13° 8	10°48	13°37	29°39	28°10	13°21	n.a.
S 23	17 11 53	17° 8'25	8D58	29° 3	13°43	11° 7	1°31	12°26	13°10	10°46	13°38	29°33	28° 7	13°27	n.a.
S 24	17 15 50	18° 5'51	23°30	0B55	14°54	11°47	1°38	12°31	13°13	10°45	13°38	29°28	28° 4	13°34	n.a.
M25	17 19 47	19° 3'17	7M49	2°44	16° 5	12°26	1°46	12°35	13°15	10°44	13°39	29°26	28° 1	13°41	n.a.
T 26	17 23 43	20° 0'45	21°52	4°32	17°17	13° 5	1°53	12°40	13°18	10°43	13°39	29°D26	27°57	13°48	n.a.
W27	17 27 40	20°58'13	5B39	6°18	18°28	13°44	2° 1	12°44	13°21	10°42	13°40	29°26	27°54	13°54	n.a.
T 28	17 31 36	21°55'42	19°10	8° 3	19°39	14°23	2° 8	12°49	13°23	10°41	13°41	29°27	27°51	14° 1	n.a.
F 29	17 35 33	22°53'13	2M26	9°47	20°51	15° 2	2°15	12°53	13°26	10°39	13°42	29°R28	27°48	14° 8	n.a.
S 30	17 39 29	23II50'44	15M29	11B28	22B 2	15B41	2Y21	12Y57	13D29	10M38	13M42	29Y26	27Y45	14≈14	n.a.

Delta T = 09h56m15s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 1477 BCE

JULY 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	17 43 26	24II48'17	28II19	13☾ 8	23♁14	16♁20	2♃28	13♃2	13♁31	10°R37	13♃43	29°R23	27♃41	14≈21	n.a.
M 2	17 47 22	25°45'51	10♁59	14°47	24°26	16°58	2°35	13° 6	13°34	10M36	13°44	29♃17	27°38	14°28	n.a.
T 3	17 51 19	26°43'26	23°28	16°24	25°37	17°37	2°41	13°10	13°37	10°35	13°45	29° 9	27°35	14°35	n.a.
W 4	17 55 16	27°41'03	5♁47	18° 0	26°49	18°16	2°47	13°14	13°40	10°34	13°46	28°59	27°32	14°41	n.a.
T 5	17 59 12	28°38'41	17°57	19°34	28° 1	18°54	2°53	13°17	13°43	10°33	13°47	28°48	27°29	14°48	n.a.
F 6	18 3 9	29°36'21	29°59	21° 7	29°13	19°33	2°59	13°21	13°46	10°32	13°48	28°37	27°26	14°55	n.a.
S 7	18 7 5	0♁34'02	11≈54	22°38	0II25	20°12	3° 5	13°25	13°49	10°32	13°49	28°27	27°22	15° 1	n.a.
S 8	18 11 2	1°31'45	23°46	24° 7	1°37	20°50	3°11	13°28	13°52	10°31	13°50	28°19	27°19	15° 8	n.a.
M 9	18 14 58	2°29'30	5♁37	25°35	2°49	21°28	3°16	13°32	13°55	10°30	13°51	28°13	27°16	15°15	n.a.
T 10	18 18 55	3°27'17	17°31	27° 2	4° 1	22° 7	3°21	13°35	13°58	10°29	13°52	28°10	27°13	15°22	n.a.
W11	18 22 51	4°25'05	29°33	28°27	5°13	22°45	3°26	13°38	14° 1	10°28	13°53	28°D 8	27°10	15°28	n.a.
T 12	18 26 48	5°22'56	11♃48	29°50	6°26	23°23	3°31	13°42	14° 4	10°27	13°54	28° 8	27° 7	15°35	n.a.
F 13	18 30 45	6°20'48	24°20	1♁12	7°38	24° 1	3°36	13°45	14° 8	10°27	13°56	28°R 9	27° 3	15°42	n.a.
S 14	18 34 41	7°18'42	7♁16	2°32	8°51	24°40	3°41	13°48	14°11	10°26	13°57	28° 8	27° 0	15°48	n.a.
S 15	18 38 38	8°16'39	20°38	3°50	10° 3	25°18	3°45	13°51	14°14	10°25	13°58	28° 6	26°57	15°55	n.a.
M16	18 42 34	9°14'37	4II29	5° 6	11°16	25°56	3°49	13°53	14°17	10°25	13°59	28° 2	26°54	16° 2	n.a.
T 17	18 46 31	10°12'37	18°47	6°21	12°28	26°34	3°53	13°56	14°21	10°24	14° 1	27°55	26°51	16° 9	n.a.
W18	18 50 27	11°10'40	3♁30	7°34	13°41	27°11	3°57	13°59	14°24	10°23	14° 2	27°46	26°47	16°15	n.a.
T 19	18 54 24	12° 8'44	18°29	8°45	14°54	27°49	4° 1	14° 1	14°27	10°23	14° 3	27°36	26°44	16°22	n.a.
F 20	18 58 21	13° 6'50	3♁36	9°54	16° 7	28°27	4° 4	14° 3	14°31	10°22	14° 5	27°25	26°41	16°29	n.a.
S 21	19 2 17	14° 4'57	18°40	11° 0	17°20	29° 5	4° 8	14° 6	14°34	10°22	14° 6	27°16	26°38	16°35	n.a.
S 22	19 6 14	15° 3'07	3II32	12° 5	18°33	29°42	4°11	14° 8	14°38	10°21	14° 8	27° 8	26°35	16°42	n.a.
M23	19 10 10	16° 1'17	18° 4	13° 6	19°46	0II20	4°14	14°10	14°41	10°21	14° 9	27° 4	26°32	16°49	n.a.
T 24	19 14 7	16°59'30	2♁15	14° 6	20°59	0°57	4°16	14°12	14°44	10°21	14°11	27° 1	26°28	16°56	n.a.
W25	19 18 3	17°57'44	16° 1	15° 3	22°12	1°35	4°19	14°14	14°48	10°20	14°12	27°D 1	26°25	17° 2	n.a.
T 26	19 22 0	18°55'59	29°26	15°57	23°25	2°12	4°21	14°15	14°51	10°20	14°14	27°R 1	26°22	17° 9	n.a.
F 27	19 25 56	19°54'17	12M31	16°48	24°38	2°50	4°23	14°17	14°55	10°20	14°15	27° 0	26°19	17°16	n.a.
S 28	19 29 53	20°52'36	25°19	17°35	25°52	3°27	4°25	14°18	14°58	10°19	14°17	26°58	26°16	17°23	n.a.
S 29	19 33 50	21°50'56	7♁54	18°19	27° 5	4° 4	4°27	14°20	15° 2	10°19	14°19	26°53	26°13	17°29	n.a.
M30	19 37 46	22°49'19	20°18	19° 0	28°18	4°41	4°29	14°21	15° 6	10°19	14°20	26°45	26° 9	17°36	n.a.
T 31	19 41 43	23♁47'44	2♁33	19♁37	29II32	5II18	4♃30	14♃22	15♁ 9	10M19	14II22	26♃34	26♃6	17≈43	n.a.

Delta T = 09h56m13s Julian Calendar 1 July 1477 BCE == Greg. Calendar 18 June 1477 BCE
 The year -1476 astronomical counting style corresponds to year 1477 B.C.E historical counting style.

AUGUST 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	19 45 39	24♁46'10	14♁41	20♁ 9	0♁45	5II55	4♃31	14♃23	15♁13	10°R18	14II24	26°R21	26♃ 3	17≈49	n.a.
T 2	19 49 36	25°44'39	26°43	20°37	1°59	6°32	4°32	14°24	15°16	10M18	14°26	26♃ 7	26° 0	17°56	n.a.
F 3	19 53 32	26°43'09	8≈39	21° 0	3°13	7° 9	4°33	14°25	15°20	10°18	14°27	25°53	25°57	18° 3	n.a.
S 4	19 57 29	27°41'42	20°32	21°17	4°26	7°46	4°34	14°26	15°24	10°18	14°29	25°40	25°53	18°10	n.a.
S 5	20 1 25	28°40'16	2♁22	21°29	5°40	8°23	4°34	14°27	15°27	10°D18	14°31	25°29	25°50	18°16	n.a.
M 6	20 5 22	29°38'53	14°13	21°36	6°54	8°59	4°34	14°27	15°31	10°18	14°33	25°21	25°47	18°23	n.a.
T 7	20 9 19	0♁37'32	26° 7	21°R36	8° 8	9°36	4°R34	14°27	15°35	10°18	14°35	25°16	25°44	18°30	n.a.
W 8	20 13 15	1°36'14	8♃ 8	21°29	9°22	10°13	4°34	14°28	15°39	10°18	14°37	25°13	25°41	18°36	n.a.
T 9	20 17 12	2°34'58	20°21	21°16	10°36	10°49	4°34	14°28	15°42	10°18	14°39	25°12	25°38	18°43	n.a.
F 10	20 21 8	3°33'44	2♁50	20°56	11°50	11°26	4°33	14°R28	15°46	10°19	14°41	25°12	25°34	18°50	n.a.
S 11	20 25 5	4°32'33	15°41	20°29	13° 4	12° 2	4°32	14°28	15°50	10°19	14°43	25°12	25°31	18°56	n.a.
S 12	20 29 1	5°31'24	28°57	19°54	14°18	12°38	4°31	14°28	15°54	10°19	14°45	25°10	25°28	19° 3	n.a.
M13	20 32 58	6°30'18	12II44	19°13	15°32	13°14	4°30	14°28	15°57	10°19	14°47	25° 6	25°25	19°10	n.a.
T 14	20 36 54	7°29'14	27° 0	18°25	16°46	13°51	4°29	14°27	16° 1	10°19	14°49	24°59	25°22	19°17	n.a.
W15	20 40 51	8°28'13	11♁43	17°31	18° 0	14°27	4°27	14°27	16° 5	10°20	14°51	24°50	25°19	19°23	n.a.
T 16	20 44 48	9°27'14	26°49	16°31	19°15	15° 3	4°25	14°26	16° 9	10°20	14°53	24°40	25°15	19°30	n.a.
F 17	20 48 44	10°26'17	12♁ 6	15°28	20°29	15°39	4°23	14°25	16°12	10°20	14°55	24°29	25°12	19°37	n.a.
S 18	20 52 41	11°25'22	27°24	14°22	21°43	16°14	4°21	14°25	16°16	10°21	14°57	24°19	25° 9	19°43	n.a.
S 19	20 56 37	12°24'30	12II32	13°14	22°58	16°50	4°19	14°24	16°20	10°21	14°59	24°12	25° 6	19°50	n.a.
M20	21 0 34	13°23'39	27°20	12° 7	24°12	17°26	4°16	14°23	16°24	10°22	15° 1	24° 7	25° 3	19°57	n.a.
T 21	21 4 30	14°22'50	11♁43	11° 2	25°27	18° 2	4°13	14°21	16°28	10°22	15° 3	24° 4	24°59	20° 4	n.a.
W22	21 8 27	15°22'03	25°38	10° 0	26°41	18°37	4°10	14°20	16°32	10°23	15° 6	24°D 4	24°56	20°10	n.a.
T 23	21 12 23	16°21'18	9II 7	9° 4	27°56	19°13	4° 7	14°19	16°35	10°23	15° 8	24° 4	24°53	20°17	n.a.
F 24	21 16 20	17°20'36	22°12	8°16	29°11	19°48	4° 4	14°17	16°39	10°24	15°10	24°R 4	24°50	20°24	n.a.
S 25	21 20 17	18°19'55	4♁56	7°36	0♁25	20°23	4° 0	14°16	16°43	10°25	15°12	24° 3	24°47	20°30	n.a.
S 26	21 24 13	19°19'16	17°23	7° 5	1°40	20°58	3°56	14°14	16°47	10°25	15°14	23°59	24°44	20°37	n.a.
M27	21 28 10	20°18'39	29°38	6°44	2°55	21°34	3°52	14°12	16°51	10°26	15°17	23°53	24°40	20°44	n.a.
T 28	21 32 6	21°18'04	11♁44	6°D34	4°10	22° 9	3°48	14°10	16°54	10°27	15°19	23°44	24°37	20°51	n.a.
W29	21 36 3	22°17'31	23°43	6°35	5°25	22°44	3°44	14° 8	16°58	10°27	15°21	23°34	24°34	20°57	n.a.
T 30	21 39 59	23°17'00	5≈38	6°47	6°39	23°18	3°40	14° 6	17° 2	10°28	15°23	23°22	24°31	21° 4	n.a.
F 31	21 43 56	24♁16'31	17≈31	7♁ 8	7♁54	23II53	3♃35	14♃ 4	17♁ 6	10M29	15II26	23♃10	24♃28	21≈11	n.a.

Delta T = 09h56m11s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]

SWISS EPHEMERIS for the year 1477 BCE

SEPTEMBER 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	21 47 52	25 ¹⁶ 04	29 ²² 22	7 ⁴⁰ 40	9 ⁹ 9	24 ²⁸ 28	3 ³⁰ R30	14 ² R 2	17 ¹⁰ 10	10 ³⁰ 30	15 ²⁸ 28	22 ⁵ R59	24 ²⁴ 24	21 ¹⁷ 17	n.a.
S 2	21 51 49	26 ¹⁵ 39	11 ¹⁵ 15	8 ²¹ 21	10 ²⁴ 24	25 ³ 3	3 ²⁵ Y25	13 ⁵⁹ Y59	17 ¹³ 13	10 ³¹ 31	15 ³⁰ 30	22 ⁵⁰ Y50	24 ²¹ 21	21 ²⁴ 24	n.a.
M 3	21 55 46	27 ¹⁵ 17	23 ⁹ 9	9 ¹⁰ 10	11 ³⁹ 39	25 ³⁷ 37	3 ²⁰ 20	13 ⁵⁷ 57	17 ¹⁷ 17	10 ³² 32	15 ³³ 33	22 ⁴³ 43	24 ¹⁸ 18	21 ³¹ 31	n.a.
T 4	21 59 42	28 ¹⁴ 57	5 ⁸ Y 8	10 ⁸ 8	12 ⁵⁴ 54	26 ¹² 12	3 ¹⁵ 15	13 ⁵⁴ 54	17 ²¹ 21	10 ³³ 33	15 ³⁵ 35	22 ³⁹ 39	24 ¹⁵ 15	21 ³⁸ 38	n.a.
W 5	22 3 39	29 ¹⁴ 39	17 ¹⁴ 14	11 ¹² 12	14 ⁹ 9	26 ⁴⁶ 46	3 ⁹ 9	13 ⁵² 52	17 ²⁵ 25	10 ³⁴ 34	15 ³⁷ 37	22 ^{D38} 38	24 ¹² 12	21 ⁴⁴ 44	n.a.
T 6	22 7 35	0 ¹⁴ 23	29 ³⁰ 30	12 ²² 22	15 ²⁴ 24	27 ²⁰ 20	3 ³ 3	13 ⁴⁹ 49	17 ²⁸ 28	10 ³⁵ 35	15 ⁴⁰ 40	22 ³⁸ 38	24 ⁹ 9	21 ⁵¹ 51	n.a.
F 7	22 11 32	1 ¹⁴ 10	12 ⁸ 0	13 ³⁸ 38	16 ³⁹ 39	27 ⁵⁴ 54	2 ⁵⁸ 58	13 ⁴⁶ 46	17 ³² 32	10 ³⁶ 36	15 ⁴² 42	22 ³⁹ 39	24 ⁵ 5	21 ⁵⁸ 58	n.a.
S 8	22 15 28	2 ¹⁴ 00	24 ⁴⁹ 49	14 ⁵⁸ 58	17 ⁵⁵ 55	28 ²⁸ 28	2 ⁵² 52	13 ⁴³ 43	17 ³⁶ 36	10 ³⁷ 37	15 ⁴⁵ 45	22 ⁴⁰ 40	24 ² 2	22 ⁴ 4	n.a.
S 9	22 19 25	3 ¹³ 51	8 ^{II} 1	16 ²² 22	19 ¹⁰ 10	29 ² 2	2 ⁴⁵ 45	13 ⁴⁰ 40	17 ⁴⁰ 40	10 ³⁸ 38	15 ⁴⁷ 47	22 ^{R40} 40	23 ⁵⁹ 59	22 ¹¹ 11	n.a.
M10	22 23 21	4 ¹³ 46	21 ³⁸ 38	17 ⁵⁰ 50	20 ²⁵ 25	29 ³⁶ 36	2 ³⁹ 39	13 ³⁷ 37	17 ⁴³ 43	10 ³⁹ 39	15 ⁴⁹ 49	22 ³⁸ 38	23 ⁵⁶ 56	22 ¹⁸ 18	n.a.
T 11	22 27 18	5 ¹³ 43	5 ⁴² 42	19 ²⁰ 20	21 ⁴⁰ 40	0 ¹⁰ 10	2 ³³ 33	13 ³³ 33	17 ⁴⁷ 47	10 ⁴⁰ 40	15 ⁵² 52	22 ³⁵ 35	23 ⁵³ 53	22 ²⁵ 25	n.a.
W12	22 31 15	6 ¹³ 42	20 ¹³ 13	20 ⁵³ 53	22 ⁵⁶ 56	0 ⁴⁴ 44	2 ²⁶ 26	13 ³⁰ 30	17 ⁵¹ 51	10 ⁴¹ 41	15 ⁵⁴ 54	22 ³⁰ 30	23 ⁵⁰ 50	22 ³¹ 31	n.a.
T 13	22 35 11	7 ¹³ 43	5 ¹⁰ 7	22 ²⁷ 27	24 ¹¹ 11	1 ¹⁷ 17	2 ²⁰ 20	13 ²⁷ 27	17 ⁵⁴ 54	10 ⁴³ 43	15 ⁵⁷ 57	22 ²³ 23	23 ⁴⁶ 46	22 ³⁸ 38	n.a.
F 14	22 39 8	8 ¹³ 47	20 ¹⁷ 17	24 ⁴ 4	25 ²⁶ 26	1 ⁵¹ 51	2 ¹³ 13	13 ²³ 23	17 ⁵⁸ 58	10 ⁴⁴ 44	15 ⁵⁹ 59	22 ¹⁶ 16	23 ⁴³ 43	22 ⁴⁵ 45	n.a.
S 15	22 43 4	9 ¹³ 52	5 ¹⁰ 32	25 ⁴¹ 41	26 ⁴² 42	2 ²⁴ 24	2 ⁶ 6	13 ¹⁹ 19	18 ² 2	10 ⁴⁵ 45	16 ¹ 1	22 ⁹ 9	23 ⁴⁰ 40	22 ⁵¹ 51	n.a.
S 16	22 47 1	10 ¹⁴ 00	20 ⁴² 42	27 ¹⁹ 19	27 ⁵⁷ 57	2 ⁵⁸ 58	1 ⁵⁹ 59	13 ¹⁶ 16	18 ⁵ 5	10 ⁴⁷ 47	16 ⁴ 4	22 ⁴ 4	23 ³⁷ 37	22 ⁵⁸ 58	n.a.
M17	22 50 57	11 ¹⁴ 09	5 ⁴ 38	28 ⁵⁸ 58	29 ¹² 12	3 ³¹ 31	1 ⁵² 52	13 ¹² 12	18 ⁹ 9	10 ⁴⁸ 48	16 ⁶ 6	22 ¹ 1	23 ³⁴ 34	23 ⁵ 5	n.a.
T 18	22 54 54	12 ¹⁴ 21	20 ¹¹ 11	0 ¹⁰ 38	0 ¹⁰ 38	4 ⁴ 4	1 ⁴⁴ 44	13 ⁸ 8	18 ¹² 12	10 ⁴⁹ 49	16 ⁹ 9	22 ^D 0	23 ³⁰ 30	23 ¹¹ 11	n.a.
W19	22 58 50	13 ¹⁴ 34	4 ¹⁰ 17	2 ¹⁷ 17	1 ⁴³ 43	4 ³⁷ 37	1 ³⁷ 37	13 ⁴ 4	18 ¹⁶ 16	10 ⁵¹ 51	16 ¹¹ 11	22 ¹ 1	23 ²⁷ 27	23 ¹⁸ 18	n.a.
T 20	23 2 47	14 ¹⁴ 49	17 ⁵⁵ 55	3 ⁵⁷ 57	2 ⁵⁹ 59	5 ⁹ 9	1 ³⁰ 30	13 ⁰ 0	18 ¹⁹ 19	10 ⁵² 52	16 ¹⁴ 14	22 ² 2	23 ²⁴ 24	23 ²⁵ 25	n.a.
F 21	23 6 44	15 ¹⁵ 06	1 ⁷ 7	5 ³⁷ 37	4 ¹⁴ 14	5 ⁴² 42	1 ²² 22	12 ⁵⁶ 56	18 ²³ 23	10 ⁵⁴ 54	16 ¹⁶ 16	22 ⁴ 4	23 ²¹ 21	23 ³² 32	n.a.
S 22	23 10 40	16 ¹⁵ 24	13 ⁵⁴ 54	7 ¹⁷ 17	5 ³⁰ 30	6 ¹⁵ 15	1 ¹⁴ 14	12 ⁵² 52	18 ²⁶ 26	10 ⁵⁵ 55	16 ¹⁸ 18	22 ^R 5	23 ¹⁸ 18	23 ³⁸ 38	n.a.
S 23	23 14 37	17 ¹⁵ 44	26 ²³ 23	8 ⁵⁷ 57	6 ⁴⁵ 45	6 ⁴⁷ 47	1 ⁷ 7	12 ⁴⁸ 48	18 ³⁰ 30	10 ⁵⁶ 56	16 ²¹ 21	22 ⁴ 4	23 ¹⁵ 15	23 ⁴⁵ 45	n.a.
M24	23 18 33	18 ¹⁶ 06	8 ³ 35	10 ³⁶ 36	8 ¹ 1	7 ¹⁹ 19	0 ⁵⁹ 59	12 ⁴⁴ 44	18 ³³ 33	10 ⁵⁸ 58	16 ²³ 23	22 ² 2	23 ¹¹ 11	23 ⁵² 52	n.a.
T 25	23 22 30	19 ¹⁶ 29	20 ³⁸ 38	12 ¹⁶ 16	9 ¹⁶ 16	7 ⁵² 52	0 ⁵¹ 51	12 ³⁹ 39	18 ³⁷ 37	11 ⁰ 0	16 ²⁶ 26	21 ⁵⁹ 59	23 ⁸ 8	23 ⁵⁸ 58	n.a.
W26	23 26 26	20 ¹⁶ 54	2 ³³ 33	13 ⁵⁵ 55	10 ³² 32	8 ²⁴ 24	0 ⁴³ 43	12 ³⁵ 35	18 ⁴⁰ 40	11 ¹ 1	16 ²⁸ 28	21 ⁵⁴ 54	23 ⁵ 5	24 ⁵ 5	n.a.
T 27	23 30 23	21 ¹⁷ 21	14 ²⁴ 24	15 ³⁴ 34	11 ⁴⁷ 47	8 ⁵⁶ 56	0 ³⁵ 35	12 ³¹ 31	18 ⁴⁴ 44	11 ³ 3	16 ³¹ 31	21 ⁴⁸ 48	23 ² 2	24 ¹² 12	n.a.
F 28	23 34 19	22 ¹⁷ 49	26 ¹⁶ 16	17 ¹² 12	13 ³ 3	9 ²⁷ 27	0 ²⁷ 27	12 ²⁶ 26	18 ⁴⁷ 47	11 ⁴ 4	16 ³³ 33	21 ⁴³ 43	22 ⁵⁹ 59	24 ¹⁹ 19	n.a.
S 29	23 38 16	23 ¹⁸ 18	8 ⁸ 9	18 ⁵⁰ 50	14 ¹⁸ 18	9 ⁵⁹ 59	0 ¹⁹ 19	12 ²² 22	18 ⁵⁰ 50	11 ⁶ 6	16 ³⁶ 36	21 ³⁷ 37	22 ⁵⁶ 56	24 ²⁵ 25	n.a.
S 30	23 42 13	24 ¹⁸ 50	20 ⁸ 6	20 ²⁸ 28	15 ³⁴ 34	10 ³¹ 31	0 ^Y 11	12 ^Y 17	18 ⁵⁴ 54	11 ⁸ 8	16 ³⁸ 38	21 ^Y 33	22 ^Y 52	24 ³² 32	n.a.

Delta T = 09h56m10s Julian Calendar 1 Sept. 1477 BCE == Greg. Calendar 19 Aug. 1477 BCE
 The year -1476 astronomical counting style corresponds to year 1477 B.C.E historical counting style.

OCTOBER 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
M 1	23 46 9	25 ¹⁹ 23	2 ^Y 8	22 ¹⁰ 6	16 ¹⁰ 49	11 ² 2	0 ^R 3	12 ^R 12	18 ⁵⁷ 57	11 ⁹ 9	16 ¹⁰ 40	21 ^R 30	22 ^Y 49	24 ³⁹ 39	n.a.
T 2	23 50 6	26 ¹⁹ 58	14 ¹⁸ 18	23 ⁴³ 43	18 ⁵ 5	11 ³³ 33	29 ⁵⁵ 55	12 ^Y 8	19 ⁰ 0	11 ¹¹ 11	16 ⁴³ 43	21 ^Y 29	22 ⁴⁶ 46	24 ⁴⁵ 45	n.a.
W 3	23 54 2	27 ²⁰ 34	26 ³⁶ 36	25 ²⁰ 20	19 ²¹ 21	12 ⁴ 4	29 ⁴⁷ 47	12 ³ 3	19 ³ 3	11 ¹³ 13	16 ⁴⁵ 45	21 ^D 29	22 ⁴³ 43	24 ⁵² 52	n.a.
T 4	23 57 59	28 ²¹ 12	9 ⁸ 4	26 ⁵⁶ 56	20 ³⁶ 36	12 ³⁵ 35	29 ³⁸ 38	11 ⁵⁸ 58	19 ⁶ 6	11 ¹⁵ 15	16 ⁴⁸ 48	21 ³⁰ 30	22 ⁴⁰ 40	24 ⁵⁹ 59	n.a.
F 5	0 1 55	29 ²¹ 53	21 ⁴⁶ 46	28 ³² 32	21 ⁵² 52	13 ⁶ 6	29 ³⁰ 30	11 ⁵³ 53	19 ¹⁰ 10	11 ¹⁶ 16	16 ⁵⁰ 50	21 ³¹ 31	22 ³⁶ 36	25 ⁵ 5	n.a.
S 6	0 5 52	0 ²² 35	4 ^{II} 42	0 ⁸ 8	23 ⁷ 7	13 ³⁷ 37	29 ²² 22	11 ⁴⁹ 49	19 ¹³ 13	11 ¹⁸ 18	16 ⁵² 52	21 ³³ 33	22 ³³ 33	25 ¹² 12	n.a.
S 7	0 9 48	1 ²³ 19	17 ⁵⁶ 56	1 ⁴⁴ 44	24 ²³ 23	14 ⁸ 8	29 ¹⁴ 14	11 ⁴⁴ 44	19 ¹⁶ 16	11 ²⁰ 20	16 ⁵⁵ 55	21 ³⁴ 34	22 ³⁰ 30	25 ¹⁹ 19	n.a.
M 8	0 13 45	2 ²⁴ 05	1 ²⁹ 29	3 ¹⁹ 19	25 ³⁹ 39	14 ³⁸ 38	29 ⁶ 6	11 ³⁹ 39	19 ¹⁹ 19	11 ²² 22	16 ⁵⁷ 57	21 ^R 34	22 ²⁷ 27	25 ²⁶ 26	n.a.
T 9	0 17 42	3 ²⁴ 52	15 ²³ 23	4 ⁵⁵ 55	26 ⁵⁴ 54	15 ⁸ 8	28 ⁵⁸ 58	11 ³⁴ 34	19 ²² 22	11 ²⁴ 24	17 ⁰ 0	21 ³⁴ 34	22 ²⁴ 24	25 ³² 32	n.a.
W10	0 21 38	4 ²⁵ 42	29 ³⁷ 37	6 ²⁹ 29	28 ¹⁰ 10	15 ³⁸ 38	28 ⁴⁹ 49	11 ²⁹ 29	19 ²⁵ 25	11 ²⁶ 26	17 ² 2	21 ³³ 33	22 ²¹ 21	25 ³⁹ 39	n.a.
T 11	0 25 35	5 ²⁶ 33	14 ¹⁰ 10	8 ⁴ 4	29 ²⁶ 26	16 ⁸ 8	28 ⁴¹ 41	11 ²⁴ 24	19 ²⁸ 28	11 ²⁸ 28	17 ⁴ 4	21 ³¹ 31	22 ¹⁷ 17	25 ⁴⁶ 46	n.a.
F 12	0 29 31	6 ²⁷ 26	28 ⁵⁷ 57	9 ³⁹ 39	0 ⁴¹ 41	16 ³⁸ 38	28 ³³ 33	11 ¹⁹ 19	19 ³¹ 31	11 ³⁰ 30	17 ⁷ 7	21 ²⁹ 29	22 ¹⁴ 14	25 ⁵² 52	n.a.
S 13	0 33 28	7 ²⁸ 20	13 ¹⁰ 51	11 ¹³ 13	1 ⁵⁷ 57	17 ⁷ 7	28 ²⁵ 25	11 ¹⁴ 14	19 ³⁴ 34	11 ³¹ 31	17 ⁹ 9	21 ²⁷ 27	22 ¹¹ 11	25 ⁵⁹ 59	n.a.
S 14	0 37 24	8 ²⁹ 16	28 ⁴⁶ 46	12 ⁴⁷ 47	3 ¹³ 13	17 ³⁷ 37	28 ¹⁷ 17	11 ⁹ 9	19 ³⁶ 36	11 ³³ 33	17 ¹¹ 11	21 ²⁶ 26	22 ⁸ 8	26 ⁶ 6	n.a.
M15	0 41 21	9 ³⁰ 13	13 ⁴ 32	14 ²¹ 21	4 ²⁸ 28	18 ⁶ 6	28 ⁹ 9	11 ⁴ 4	19 ³⁹ 39	11 ³⁵ 35	17 ¹⁴ 14	21 ²⁵ 25	22 ⁵ 5	26 ¹² 12	n.a.
T 16	0 45 17	10 ³¹ 11	28 ² 2	15 ⁵⁵ 55	5 ⁴⁴ 44	18 ³⁵ 35	28 ² 2	10 ⁵⁹ 59	19 ⁴² 42	11 ³⁷ 37	17 ¹⁶ 16	21 ^D 25	22 ¹ 1	26 ¹⁹ 19	n.a.
W17	0 49 14	11 ³² 11	12 ¹⁰ 11	17 ²⁹ 29	7 ⁰ 0	19 ⁴ 4	27 ⁵⁴ 54	10 ⁵⁴ 54	19 ⁴⁵ 45	11 ³⁹ 39	17 ¹⁸ 18	21 ²⁶ 26	21 ⁵⁸ 58	26 ²⁶ 26	n.a.
T 18	0 53 10	12 ³³ 11	25 ⁵⁵ 55	19 ² 2	8 ¹⁵ 15	19 ³² 32	27 ⁴⁶ 46	10 ⁴⁹ 49	19 ⁴⁷ 47	11 ⁴¹ 41					

SWISS EPHEMERIS for the year 1477 BCE

NOVEMBER 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	1 48 22	26 ^h 48'46	18 ^h 36	10 ^h 42	25 ^h 55	25 ^h 51	26 ^h R10	9 ^h R41	20 ^h 20	12 ^h 11	17 ^h 50	21 ^h R27	21 ^h Y11	28 ^h 6	n.a.		
F 2	1 52 19	27 ^h 49'58	1 ^h 38	12 ^h 14	27 ^h 10	26 ^h 16	26 ^h X 4	9 ^h Y37	20 ^h 22	12 ^h 13	17 ^h 52	21 ^h Y27	21 ^h 7	28 ^h 13	n.a.		
S 3	1 56 15	28 ^h 51'12	14 ^h 54	13 ^h 45	28 ^h 26	26 ^h 41	25 ^h 58	9 ^h 32	20 ^h 24	12 ^h 16	17 ^h 54	21 ^h 26	21 ^h 4	28 ^h 20	n.a.		
S 4	2 0 12	29 ^h 52'26	28 ^h 23	15 ^h 16	29 ^h 41	27 ^h 6	25 ^h 52	9 ^h 28	20 ^h 26	12 ^h 18	17 ^h 56	21 ^h 25	21 ^h 1	28 ^h 26	n.a.		
M 5	2 4 8	0 ^h 53'41	12 ^h 5 4	16 ^h 46	0 ^h 57	27 ^h 30	25 ^h 47	9 ^h 23	20 ^h 28	12 ^h 20	17 ^h 58	21 ^h 24	20 ^h 58	28 ^h 33	n.a.		
T 6	2 8 5	1 ^h 54'56	25 ^h 58	18 ^h 16	2 ^h 13	27 ^h 54	25 ^h 42	9 ^h 19	20 ^h 30	12 ^h 22	18 ^h 0	21 ^h D23	20 ^h 55	28 ^h 40	n.a.		
W 7	2 12 2	2 ^h 56'13	10 ^h 3	19 ^h 44	3 ^h 28	28 ^h 18	25 ^h 37	9 ^h 14	20 ^h 32	12 ^h 25	18 ^h 2	21 ^h 23	20 ^h 52	28 ^h 46	n.a.		
T 8	2 15 58	3 ^h 57'30	24 ^h 17	21 ^h 12	4 ^h 44	28 ^h 42	25 ^h 32	9 ^h 10	20 ^h 34	12 ^h 27	18 ^h 4	21 ^h 24	20 ^h 48	28 ^h 53	n.a.		
F 9	2 19 55	4 ^h 58'48	8 ^h 39	22 ^h 39	5 ^h 59	29 ^h 5	25 ^h 27	9 ^h 6	20 ^h 35	12 ^h 29	18 ^h 6	21 ^h 25	20 ^h 45	29 ^h 0	n.a.		
S 10	2 23 51	6 ^h 0'06	23 ^h 5	24 ^h 4	7 ^h 15	29 ^h 28	25 ^h 23	9 ^h 2	20 ^h 37	12 ^h 31	18 ^h 8	21 ^h 26	20 ^h 42	29 ^h 7	n.a.		
S 11	2 27 48	7 ^h 1'25	7 ^h 31	25 ^h 27	8 ^h 30	29 ^h 51	25 ^h 18	8 ^h 58	20 ^h 38	12 ^h 34	18 ^h 10	21 ^h 27	20 ^h 39	29 ^h 13	n.a.		
M12	2 31 44	8 ^h 2'44	21 ^h 52	26 ^h 49	9 ^h 46	0 ^h 13	25 ^h 14	8 ^h 54	20 ^h 40	12 ^h 36	18 ^h 11	21 ^h R27	20 ^h 36	29 ^h 20	n.a.		
T 13	2 35 41	9 ^h 4'04	6 ^h 4	28 ^h 8	11 ^h 1	0 ^h 35	25 ^h 10	8 ^h 50	20 ^h 41	12 ^h 38	18 ^h 13	21 ^h 27	20 ^h 33	29 ^h 27	n.a.		
W14	2 39 37	10 ^h 5'24	20 ^h 1	29 ^h 24	12 ^h 17	0 ^h 57	25 ^h 6	8 ^h 46	20 ^h 43	12 ^h 40	18 ^h 15	21 ^h 25	20 ^h 29	29 ^h 33	n.a.		
T 15	2 43 34	11 ^h 6'44	3 ^h 40	0 ^h 37	13 ^h 33	1 ^h 18	25 ^h 3	8 ^h 42	20 ^h 44	12 ^h 43	18 ^h 16	21 ^h 23	20 ^h 26	29 ^h 40	n.a.		
F 16	2 47 31	12 ^h 8'04	16 ^h 58	1 ^h 46	14 ^h 48	1 ^h 39	24 ^h 59	8 ^h 38	20 ^h 45	12 ^h 45	18 ^h 18	21 ^h 20	20 ^h 23	29 ^h 47	n.a.		
S 17	2 51 27	13 ^h 9'24	29 ^h 55	2 ^h 50	16 ^h 4	2 ^h 0	24 ^h 56	8 ^h 35	20 ^h 47	12 ^h 47	18 ^h 20	21 ^h 16	20 ^h 20	29 ^h 53	n.a.		
S 18	2 55 24	14 ^h 10'44	12 ^h 31	3 ^h 50	17 ^h 19	2 ^h 20	24 ^h 53	8 ^h 31	20 ^h 48	12 ^h 50	18 ^h 21	21 ^h 13	20 ^h 17	0 ^h X 0	n.a.		
M19	2 59 20	15 ^h 12'03	24 ^h 51	4 ^h 43	18 ^h 35	2 ^h 40	24 ^h 50	8 ^h 28	20 ^h 49	12 ^h 52	18 ^h 23	21 ^h 10	20 ^h 13	0 ^h 7	n.a.		
T 20	3 3 17	16 ^h 13'22	6 ^h 56	5 ^h 30	19 ^h 50	3 ^h 0	24 ^h 47	8 ^h 24	20 ^h 50	12 ^h 54	18 ^h 24	21 ^h 9	20 ^h 10	0 ^h 13	n.a.		
W21	3 7 13	17 ^h 14'41	18 ^h 51	6 ^h 9	21 ^h 5	3 ^h 19	24 ^h 45	8 ^h 21	20 ^h 51	12 ^h 56	18 ^h 26	21 ^h D 8	20 ^h 7	0 ^h 20	n.a.		
T 22	3 11 10	18 ^h 15'59	0 ^h X 42	6 ^h 39	22 ^h 21	3 ^h 37	24 ^h 43	8 ^h 18	20 ^h 52	12 ^h 59	18 ^h 27	21 ^h 9	20 ^h 4	0 ^h 27	n.a.		
F 23	3 15 6	19 ^h 17'17	12 ^h 33	7 ^h 0	23 ^h 36	3 ^h 56	24 ^h 41	8 ^h 14	20 ^h 53	13 ^h 1	18 ^h 29	21 ^h 11	20 ^h 1	0 ^h 34	n.a.		
S 24	3 19 3	20 ^h 18'35	24 ^h 29	7 ^h R11	24 ^h 52	4 ^h 14	24 ^h 39	8 ^h 11	20 ^h 54	13 ^h 3	18 ^h 30	21 ^h 13	19 ^h 58	0 ^h 40	n.a.		
S 25	3 23 0	21 ^h 19'51	6 ^h Y35	7 ^h 10	26 ^h 7	4 ^h 31	24 ^h 37	8 ^h 9	20 ^h 55	13 ^h 5	18 ^h 32	21 ^h 14	19 ^h 54	0 ^h 47	n.a.		
M26	3 26 56	22 ^h 21'08	18 ^h 54	6 ^h 58	27 ^h 22	4 ^h 48	24 ^h 36	8 ^h 6	20 ^h 55	13 ^h 8	18 ^h 33	21 ^h R15	19 ^h 51	0 ^h 54	n.a.		
T 27	3 30 53	23 ^h 22'24	1 ^h 30	6 ^h 34	28 ^h 38	5 ^h 5	24 ^h 35	8 ^h 3	20 ^h 56	13 ^h 10	18 ^h 34	21 ^h 15	19 ^h 48	1 ^h 0	n.a.		
W28	3 34 49	24 ^h 23'39	14 ^h 23	5 ^h 58	29 ^h 53	5 ^h 21	24 ^h 34	8 ^h 0	20 ^h 57	13 ^h 12	18 ^h 36	21 ^h 13	19 ^h 45	1 ^h 7	n.a.		
T 29	3 38 46	25 ^h 24'54	27 ^h 35	5 ^h 11	1 ^h X 9	5 ^h 37	24 ^h 33	7 ^h 58	20 ^h 57	13 ^h 14	18 ^h 37	21 ^h 9	19 ^h 42	1 ^h 14	n.a.		
F 30	3 42 42	26 ^h 16'08	11 ^h 4	4 ^h X14	2 ^h X24	5 ^h 52	24 ^h X32	7 ^h Y55	20 ^h 58	13 ^h 17	18 ^h 38	21 ^h Y 4	19 ^h Y39	1 ^h X20	n.a.		

Delta T = 09h56m06s Julian Calendar 1 Nov. 1477 BCE == Greg. Calendar 19 Oct. 1477 BCE
 The year -1476 astronomical counting style corresponds to year 1477 B.C.E historical counting style.

DECEMBER 1477 BCE (-1476) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	3 46 39	27 ^h 12'23	24 ^h 47	3 ^h R 8	3 ^h X39	6 ^h 1 7	24 ^h R32	7 ^h R53	20 ^h 58	13 ^h 19	18 ^h 39	20 ^h R57	19 ^h Y35	1 ^h X27	n.a.		
S 2	3 50 35	28 ^h 28'36	8 ^h 542	1 ^h X56	4 ^h 55	6 ^h 21	24 ^h D32	7 ^h Y51	20 ^h 58	13 ^h 21	18 ^h 41	20 ^h Y51	19 ^h 32	1 ^h 34	n.a.		
M 3	3 54 32	29 ^h 29'50	2 ^h 46	0 ^h 39	6 ^h 10	6 ^h 35	24 ^h X32	7 ^h 49	20 ^h 59	13 ^h 23	18 ^h 42	20 ^h 46	19 ^h 29	1 ^h 40	n.a.		
T 4	3 58 29	0 ^h X31'03	6 ^h 53	29 ^h 20	7 ^h 25	6 ^h 48	24 ^h 32	7 ^h 47	20 ^h 59	13 ^h 25	18 ^h 43	20 ^h 42	19 ^h 26	1 ^h 47	n.a.		
W 5	4 2 25	1 ^h 32'15	21 ^h 3	28 ^h 1	8 ^h 40	7 ^h 0	24 ^h 33	7 ^h 45	20 ^h 59	13 ^h 28	18 ^h 44	20 ^h 39	19 ^h 23	1 ^h 54	n.a.		
T 6	4 6 22	2 ^h 33'27	5 ^h 11	26 ^h 46	9 ^h 56	7 ^h 13	24 ^h 33	7 ^h 43	21 ^h 0	13 ^h 30	18 ^h 45	20 ^h D39	19 ^h 19	2 ^h 1	n.a.		
F 7	4 10 18	3 ^h 34'39	11 ^h 18	25 ^h 35	11 ^h 11	7 ^h 24	24 ^h 34	7 ^h 41	21 ^h 0	13 ^h 32	18 ^h 46	20 ^h 40	19 ^h 16	2 ^h 7	n.a.		
S 8	4 14 15	4 ^h 35'50	3 ^h 21	24 ^h 31	12 ^h 26	7 ^h 35	24 ^h 35	7 ^h 40	21 ^h R 0	13 ^h 34	18 ^h 47	20 ^h 41	19 ^h 13	2 ^h 14	n.a.		
S 9	4 18 11	5 ^h 37'01	17 ^h 19	23 ^h 35	13 ^h 41	7 ^h 46	24 ^h 37	7 ^h 38	21 ^h 0	13 ^h 36	18 ^h 48	20 ^h R42	19 ^h 10	2 ^h 21	n.a.		
M10	4 22 8	6 ^h 38'11	1 ^h 11	22 ^h 48	14 ^h 57	7 ^h 56	24 ^h 38	7 ^h 37	21 ^h 0	13 ^h 38	18 ^h 49	20 ^h 41	19 ^h 7	2 ^h 27	n.a.		
T 11	4 26 5	7 ^h 39'20	14 ^h 56	22 ^h 10	16 ^h 12	8 ^h 5	24 ^h 40	7 ^h 35	21 ^h 0	13 ^h 41	18 ^h 50	20 ^h 39	19 ^h 4	2 ^h 34	n.a.		
W12	4 30 1	8 ^h 40'28	28 ^h 29	21 ^h 41	17 ^h 27	8 ^h 14	24 ^h 42	7 ^h 34	20 ^h 59	13 ^h 43	18 ^h 51	20 ^h 34	19 ^h 0	2 ^h 41	n.a.		
T 13	4 33 58	9 ^h 41'36	11 ^h X50	21 ^h 21	18 ^h 42	8 ^h 22	24 ^h 44	7 ^h 33	20 ^h 59	13 ^h 45	18 ^h 51	20 ^h 27	18 ^h 57	2 ^h 47	n.a.		
F 14	4 37 54	10 ^h 42'43	24 ^h 56	21 ^h 10	19 ^h 57	8 ^h 29	24 ^h 46	7 ^h 32	20 ^h 59	13 ^h 47	18 ^h 52	20 ^h 18	18 ^h 54	2 ^h 54	n.a.		
S 15	4 41 51	11 ^h 43'48	7 ^h 36	21 ^h D 8	21 ^h 13	8 ^h 36	24 ^h 49	7 ^h 32	20 ^h 59	13 ^h 49	18 ^h 53	20 ^h 8	18 ^h 51	3 ^h 1	n.a.		
S 16	4 45 47	12 ^h 44'53	20 ^h 19	21 ^h 13	22 ^h 28	8 ^h 42	24 ^h 51	7 ^h 31	20 ^h 58	13 ^h 51	18 ^h 54	19 ^h 58	18 ^h 48	3 ^h 7	n.a.		
M17	4 49 44	13 ^h 45'56	2 ^h X37	21 ^h 26	23 ^h 43	8 ^h 48	24 ^h 54	7 ^h 30	20 ^h 58	13 ^h 53	18 ^h 54	19 ^h 49	18 ^h 45	3 ^h 14	n.a.		
T 18	4 53 40	14 ^h 46'57	14 ^h 42	21 ^h 46	24 ^h 58	8 ^h 52	24 ^h 57	7 ^h 30	20 ^h 57	13 ^h 55	18 ^h 55	19 ^h 43	18 ^h 41	3 ^h 21	n.a.		
W19	4 57 37	15 ^h 47'57	26 ^h 38	22 ^h 11	26 ^h 13	8 ^h 56	25 ^h 1	7 ^h 30	20 ^h 57	13 ^h 57	18 ^h 55	19 ^h 38	18 ^h 38	3 ^h 27	n.a.		