

SWISS EPHEMERIS for the year 3178 BCE

JANUARY 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	4 56 35	16 ^z 45'01	7 ^h 10	5 ^z 23	13 ^z R 8	24 ^z 45	23 ^z 38	19 ^z R44	12 ^z R24	23 ^z R25	16 ^z 44	0 ^z R27	29 ^z 42	6 ^z 31	n.a.
W 2	5 0 32	17 ^z 45'12	21 ^z 36	7 ^z 5	13 ^z 0	25 ^z 4	23 ^z 44	19 ^z II39	12 ^z V23	23 ^z II23	16 ^z 46	0 ^z 20	29 ^z 38	6 ^z 37	n.a.
T 3	5 4 28	18 ^z 45'20	5 ^h II58	8 ^z 48	12 ^z 49	25 ^z 21	23 ^z 50	19 ^z 34	12 ^z 22	23 ^z 21	16 ^z 47	0 ^z 10	29 ^z 35	6 ^z 44	n.a.
F 4	5 8 25	19 ^z 45'26	20 ^z 8	10 ^z 32	12 ^z 35	25 ^z 39	23 ^z 56	19 ^z 30	12 ^z 22	23 ^z 20	16 ^z 48	29 ^z 45	29 ^z 32	6 ^z 51	n.a.
S 5	5 12 21	20 ^z 45'30	4 ^h 3	12 ^z 17	12 ^z 19	25 ^z 56	24 ^z 2	19 ^z 25	12 ^z 21	23 ^z 18	16 ^z 50	29 ^z 46	29 ^z 29	6 ^z 57	n.a.
S 6	5 16 18	21 ^z 45'33	17 ^z 37	14 ^z 3	12 ^z 1	26 ^z 13	24 ^z 7	19 ^z 20	12 ^z 21	23 ^z 16	16 ^z 51	29 ^z 34	29 ^z 26	7 ^z 4	n.a.
M 7	5 20 14	22 ^z 45'33	0 ^h 48	15 ^z 50	11 ^z 40	26 ^z 29	24 ^z 12	19 ^z 15	12 ^z 20	23 ^z 15	16 ^z 52	29 ^z 23	29 ^z 22	7 ^z 10	n.a.
T 8	5 24 11	23 ^z 45'31	13 ^z 36	17 ^z 38	11 ^z 17	26 ^z 45	24 ^z 17	19 ^z 11	12 ^z 20	23 ^z 13	16 ^z 53	29 ^z 16	29 ^z 19	7 ^z 17	n.a.
W 9	5 28 8	24 ^z 45'27	26 ^z 3	19 ^z 27	10 ^z 51	27 ^z 0	24 ^z 22	19 ^z 6	12 ^z 20	23 ^z 11	16 ^z 54	29 ^z 10	29 ^z 16	7 ^z 24	n.a.
T 10	5 32 4	25 ^z 45'21	8 ^h 12	21 ^z 17	10 ^z 24	27 ^z 15	24 ^z 27	19 ^z 1	12 ^z 19	23 ^z 10	16 ^z 55	29 ^z 8	29 ^z 13	7 ^z 30	n.a.
F 11	5 36 1	26 ^z 45'13	20 ^z 9	23 ^z 9	9 ^z 54	27 ^z 29	24 ^z 32	18 ^z 56	12 ^z 19	23 ^z 8	16 ^z 56	29 ^z 7	29 ^z 10	7 ^z 37	n.a.
S 12	5 39 57	27 ^z 45'03	1 ^h 59	25 ^z 1	9 ^z 23	27 ^z 43	24 ^z 36	18 ^z 52	12 ^z 19	23 ^z 6	16 ^z 58	29 ^z 7	29 ^z 7	7 ^z 44	n.a.
S 13	5 43 54	28 ^z 44'52	13 ^z 46	26 ^z 54	8 ^z 50	27 ^z 56	24 ^z 41	18 ^z 47	12 ^z 19	23 ^z 5	16 ^z 59	29 ^z 6	29 ^z 3	7 ^z 50	n.a.
M 14	5 47 50	29 ^z 44'38	25 ^z 37	28 ^z 49	8 ^z 16	28 ^z 8	24 ^z 45	18 ^z 42	12 ^z D19	23 ^z 3	17 ^z 0	29 ^z 5	29 ^z 0	7 ^z 57	n.a.
T 15	5 51 47	0 ^z 34'22	7 ^h 38	0 ^z 34	7 ^z 40	28 ^z 21	24 ^z 49	18 ^z 38	12 ^z 19	23 ^z 1	17 ^z 0	29 ^z 0	28 ^z 57	8 ^z 4	n.a.
W 16	5 55 43	1 ^z 44'05	19 ^z 51	2 ^z 41	7 ^z 3	28 ^z 32	24 ^z 53	18 ^z 33	12 ^z 19	23 ^z 0	17 ^z 1	28 ^z 54	28 ^z 54	8 ^z 10	n.a.
T 17	5 59 40	2 ^z 43'45	2 ^z 20	4 ^z 38	6 ^z 26	28 ^z 43	24 ^z 56	18 ^z 29	12 ^z 19	22 ^z 58	17 ^z 2	28 ^z 44	28 ^z 51	8 ^z 17	n.a.
F 18	6 3 37	3 ^z 43'24	15 ^z 7	6 ^z 36	5 ^z 48	28 ^z 54	25 ^z 0	18 ^z 24	12 ^z 19	22 ^z 56	17 ^z 3	28 ^z 32	28 ^z 48	8 ^z 24	n.a.
S 19	6 7 33	4 ^z 43'00	28 ^z 13	8 ^z 34	5 ^z 10	29 ^z 4	25 ^z 3	18 ^z 20	12 ^z 19	22 ^z 55	17 ^z 4	28 ^z 19	28 ^z 44	8 ^z 30	n.a.
S 20	6 11 30	5 ^z 42'34	11 ^z 36	10 ^z 33	4 ^z 32	29 ^z 13	25 ^z 6	18 ^z 15	12 ^z 20	22 ^z 53	17 ^z 5	28 ^z 6	28 ^z 41	8 ^z 37	n.a.
M 21	6 15 26	6 ^z 42'06	25 ^z 13	12 ^z 33	3 ^z 54	29 ^z 21	25 ^z 9	18 ^z 11	12 ^z 20	22 ^z 51	17 ^z 5	27 ^z 54	28 ^z 38	8 ^z 44	n.a.
T 22	6 19 23	7 ^z 41'35	9 ^z 2	14 ^z 32	3 ^z 17	29 ^z 29	25 ^z 12	18 ^z 6	12 ^z 20	22 ^z 50	17 ^z 6	27 ^z 45	28 ^z 35	8 ^z 50	n.a.
W 23	6 23 19	8 ^z 41'02	22 ^z 59	16 ^z 32	2 ^z 40	29 ^z 37	25 ^z 14	18 ^z 2	12 ^z 21	22 ^z 48	17 ^z 7	27 ^z 38	28 ^z 32	8 ^z 57	n.a.
T 24	6 27 16	9 ^z 40'26	7 ^h 1	18 ^z 31	2 ^z 4	29 ^z 43	25 ^z 17	17 ^z 58	12 ^z 21	22 ^z 47	17 ^z 8	27 ^z 35	28 ^z 28	9 ^z 3	n.a.
F 25	6 31 12	10 ^z 39'48	21 ^z 5	20 ^z 29	1 ^z 30	29 ^z 50	25 ^z 19	17 ^z 54	12 ^z 22	22 ^z 45	17 ^z 8	27 ^z 33	28 ^z 25	9 ^z 10	n.a.
S 26	6 35 9	11 ^z 39'07	5 ^h V11	22 ^z 26	0 ^z 57	29 ^z 55	25 ^z 21	17 ^z 49	12 ^z 22	22 ^z 43	17 ^z 9	27 ^z 33	28 ^z 22	9 ^z 17	n.a.
S 27	6 39 6	12 ^z 38'24	19 ^z 17	24 ^z 22	0 ^z 25	0 ^h 0	25 ^z 23	17 ^z 45	12 ^z 23	22 ^z 42	17 ^z 9	27 ^z 33	28 ^z 19	9 ^z 23	n.a.
M 28	6 43 2	13 ^z 37'38	3 ^h 23	26 ^z 17	29 ^z 55	0 ^z 4	25 ^z 24	17 ^z 41	12 ^z 24	22 ^z 40	17 ^z 10	27 ^z 32	28 ^z 16	9 ^z 30	n.a.
T 29	6 46 59	14 ^z 36'50	17 ^z 27	28 ^z 9	29 ^z 28	0 ^z 7	25 ^z 26	17 ^z 37	12 ^z 24	22 ^z 39	17 ^z 10	27 ^z 28	28 ^z 13	9 ^z 37	n.a.
W 30	6 50 55	15 ^z 35'59	1 ^h II27	29 ^z 58	29 ^z 2	0 ^z 10	25 ^z 27	17 ^z 33	12 ^z 25	22 ^z 37	17 ^z 11	27 ^z 22	28 ^z 9	9 ^z 43	n.a.
T 31	6 54 52	16 ^z 35'06	15 ^h II21	1 ^z 45	28 ^z 38	0 ^h 12	25 ^z 28	17 ^z 30	12 ^z V26	22 ^z II36	17 ^z 11	27 ^z 13	28 ^z 6	9 ^z 50	n.a.

Delta T = 23h16m37s Julian Calendar 1 Jan. 3178 BCE == Greg. Calendar 6 Dec. 3179 BCE
 The year -3177 astronomical counting style corresponds to year 3178 B.C.E historical counting style.

FEBRUARY 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
F 1	6 58 48	17 ^z 34'10	29 ^h II 5	3 ^z 28	28 ^z R17	0 ^h 13	25 ^z 19	17 ^z R26	12 ^z V27	22 ^z R34	17 ^z 12	27 ^z R 2	28 ^z 3	9 ^z 57	n.a.
S 2	7 2 45	18 ^z 33'12	12 ^h 37	5 ^z 8	27 ^z 58	0 ^z R14	25 ^z 30	17 ^z II22	12 ^z 28	22 ^z II33	17 ^z 12	26 ^z 45	28 ^z 0	10 ^z 3	n.a.
S 3	7 6 41	19 ^z 32'11	25 ^z 52	6 ^z 43	27 ^z 41	0 ^z 13	25 ^z 30	17 ^z 18	12 ^z 29	22 ^z 31	17 ^z 12	26 ^z 40	27 ^z 57	10 ^z 10	n.a.
M 4	7 10 38	20 ^z 31'09	8 ^h 50	8 ^z 13	27 ^z 27	0 ^z 12	25 ^z 31	17 ^z 15	12 ^z 30	22 ^z 30	17 ^z 13	26 ^z 30	27 ^z 54	10 ^z 17	n.a.
T 5	7 14 35	21 ^z 30'04	21 ^z 30	9 ^z 39	27 ^z 16	0 ^z 11	25 ^z R31	17 ^z 11	12 ^z 31	22 ^z 29	17 ^z 13	26 ^z 23	27 ^z 50	10 ^z 23	n.a.
W 6	7 18 31	22 ^z 28'57	3 ^h 53	10 ^z 59	27 ^z 7	0 ^z 8	25 ^z 31	17 ^z 8	12 ^z 32	22 ^z 27	17 ^z 13	26 ^z 18	27 ^z 47	10 ^z 30	n.a.
T 7	7 22 28	23 ^z 27'48	16 ^z 1	12 ^z 14	27 ^z 0	0 ^z 5	25 ^z 31	17 ^z 4	12 ^z 33	22 ^z 26	17 ^z 14	26 ^z 15	27 ^z 44	10 ^z 37	n.a.
F 8	7 26 24	24 ^z 26'37	27 ^z 57	13 ^z 23	26 ^z 56	0 ^z 1	25 ^z 30	17 ^z 1	12 ^z 35	22 ^z 24	17 ^z 14	26 ^z D15	27 ^z 41	10 ^z 43	n.a.
S 9	7 30 21	25 ^z 25'24	9 ^h 48	14 ^z 26	26 ^z D54	29 ^z 56	25 ^z 30	16 ^z 58	12 ^z 36	22 ^z 23	17 ^z 14	26 ^z 15	27 ^z 38	10 ^z 50	n.a.
S 10	7 34 17	26 ^z 24'09	21 ^z 36	15 ^z 23	26 ^z 55	29 ^z 51	25 ^z 29	16 ^z 55	12 ^z 37	22 ^z 22	17 ^z 14	26 ^z R16	27 ^z 34	10 ^z 57	n.a.
M 11	7 38 14	27 ^z 22'52	3 ^h II28	16 ^z 13	26 ^z 58	29 ^z 45	25 ^z 28	16 ^z 52	12 ^z 39	22 ^z 20	17 ^z 14	26 ^z 16	27 ^z 31	11 ^z 3	n.a.
T 12	7 42 10	28 ^z 21'33	15 ^z 30	16 ^z 57	27 ^z 3	29 ^z 38	25 ^z 27	16 ^z 49	12 ^z 40	22 ^z 19	17 ^z 14	26 ^z 14	27 ^z 28	11 ^z 10	n.a.
W 13	7 46 7	29 ^z 20'13	27 ^z 45	17 ^z 34	27 ^z 11	29 ^z 30	25 ^z 25	16 ^z 46	12 ^z 42	22 ^z 18	17 ^z R14	26 ^z 11	27 ^z 25	11 ^z 16	n.a.
T 14	7 50 4	0 ^z 18'50	10 ^h 19	18 ^z 5	27 ^z 20	29 ^z 21	25 ^z 24	16 ^z 43	12 ^z 43	22 ^z 17	17 ^z 14	26 ^z 5	27 ^z 22	11 ^z 23	n.a.
F 15	7 54 0	1 ^z 17'26	23 ^z 14	18 ^z 29	27 ^z 32	29 ^z 12	25 ^z 22	16 ^z 40	12 ^z 45	22 ^z 15	17 ^z 14	25 ^z 57	27 ^z 19	11 ^z 30	n.a.
S 16	7 57 57	2 ^z 16'00	6 ^h 31	18 ^z 46	27 ^z 46	29 ^z 2	25 ^z 20	16 ^z 38	12 ^z 46	22 ^z 14	17 ^z 14	25 ^z 48	27 ^z 15	11 ^z 36	n.a.
S 17	8 1 53	3 ^z 14'31	20 ^z 10	18 ^z 57	28 ^z 2	28 ^z 51	25 ^z 18	16 ^z 35	12 ^z 48	22 ^z 13	17 ^z 14	25 ^z 39	27 ^z 12	11 ^z 43	n.a.
M 18	8 5 50	4 ^z 13'01	4 ^h 9	19 ^z R 1	28 ^z 20	28 ^z 39	25 ^z 16	16 ^z 33	12 ^z 50	22 ^z 12	17 ^z 14	25 ^z 31	27		

SWISS EPHEMERIS for the year 3178 BCE

MARCH 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
F 1	8 49 12	14 ⁵³ 59	8 ⁴⁷	14°R17	3 ²⁷	25°R48	24°R39	16°R12	13°V12	22°R 1	17°R10	25°R 5	26 ³⁴	13 ³	n.a.
S 2	8 53 8	15°52'02	21°53	13 ³⁶	4° 3	25 ²⁹	24 ³⁵	16 ¹¹	13°14	22 ⁰	17 ¹⁰	24 ⁵⁸	26°31	13°10	n.a.
S 3	8 57 5	16°50'03	4 ⁴⁶	12°55	4°41	25°10	24°30	16° 9	13°16	21°59	17° 9	24°52	26°28	13°16	n.a.
M 4	9 1 2	17°48'02	17°25	12°15	5°20	24°50	24°26	16° 8	13°19	21°58	17° 8	24°46	26°25	13°23	n.a.
T 5	9 4 58	18°45'59	29°51	11°37	5°59	24°30	24°21	16° 7	13°21	21°58	17° 8	24°42	26°21	13°30	n.a.
W 6	9 8 55	19°43'54	12 ⁴	11° 2	6°40	24°10	24°16	16° 6	13°24	21°57	17° 7	24°40	26°18	13°36	n.a.
T 7	9 12 51	20°41'48	24° 6	10°29	7°22	23°49	24°11	16° 6	13°26	21°56	17° 7	24°D39	26°15	13°43	n.a.
F 8	9 16 48	21°39'40	6 ⁴	10° 0	8° 5	23°28	24° 5	16° 5	13°28	21°55	17° 6	24°40	26°12	13°49	n.a.
S 9	9 20 44	22°37'30	17°49	9°35	8°49	23° 7	24° 0	16° 4	13°31	21°55	17° 5	24°41	26° 9	13°56	n.a.
S 10	9 24 41	23°35'19	29°38	9°14	9°34	22°46	23°55	16° 4	13°34	21°54	17° 4	24°43	26° 5	14° 3	n.a.
M11	9 28 37	24°33'06	11 ³¹	8°58	10°19	22°25	23°49	16° 4	13°36	21°54	17° 4	24°44	26° 2	14° 9	n.a.
T 12	9 32 34	25°30'52	23°32	8°46	11° 6	22° 4	23°43	16° 3	13°39	21°53	17° 3	24°R45	25°59	14°16	n.a.
W13	9 36 30	26°28'37	5 ⁴⁷	8°39	11°53	21°42	23°37	16° 3	13°41	21°52	17° 2	24°45	25°56	14°23	n.a.
T 14	9 40 27	27°26'20	18°20	8°D36	12°41	21°21	23°31	16°D 3	13°44	21°52	17° 1	24°43	25°53	14°29	n.a.
F 15	9 44 24	28°24'03	1 ¹⁵	8°38	13°30	21° 0	23°25	16° 3	13°47	21°52	17° 0	24°40	25°50	14°36	n.a.
S 16	9 48 20	29°21'43	14°35	8°45	14°19	20°39	23°19	16° 3	13°50	21°51	16°59	24°37	25°46	14°43	n.a.
S 17	9 52 17	0 ¹⁹	28°20	8°57	15° 9	20°18	23°12	16° 3	13°52	21°51	16°58	24°34	25°43	14°49	n.a.
M18	9 56 13	1°17'00	12 ²⁹	9°13	16° 0	19°57	23° 6	16° 4	13°55	21°50	16°58	24°30	25°40	14°56	n.a.
T 19	10 0 10	2°14'37	26°59	9°33	16°52	19°37	22°59	16° 4	13°58	21°50	16°57	24°28	25°37	15° 3	n.a.
W20	10 4 6	3°12'12	11 ⁴²	9°58	17°44	19°17	22°53	16° 5	14° 1	21°50	16°56	24°26	25°34	15° 9	n.a.
T 21	10 8 3	4° 9'45	26°33	10°28	18°36	18°57	22°46	16° 5	14° 4	21°49	16°55	24°D26	25°31	15°16	n.a.
F 22	10 11 59	5° 7'17	11 ²³	11° 1	19°30	18°38	22°39	16° 6	14° 7	21°49	16°53	24°27	25°27	15°23	n.a.
S 23	10 15 56	6° 4'48	26° 6	11°38	20°23	18°19	22°32	16° 7	14°10	21°49	16°52	24°28	25°24	15°29	n.a.
S 24	10 19 53	7° 2'17	10 ³⁷	12°19	21°17	18° 1	22°25	16° 8	14°13	21°49	16°51	24°29	25°21	15°36	n.a.
M25	10 23 49	7°59'44	24°51	13° 4	22°12	17°43	22°18	16° 9	14°16	21°49	16°50	24°30	25°18	15°43	n.a.
T 26	10 27 46	8°57'09	8 ⁴⁸	13°52	23° 7	17°25	22°11	16°10	14°19	21°49	16°49	24°R30	25°15	15°49	n.a.
W27	10 31 42	9°54'33	22°25	14°44	24° 3	17° 9	22° 3	16°11	14°22	21°48	16°48	24°30	25°11	15°56	n.a.
T 28	10 35 39	10°51'56	5 ⁴⁴	15°40	24°59	16°53	21°56	16°13	14°25	21°48	16°47	24°29	25° 8	16° 3	n.a.
F 29	10 39 35	11°49'17	18°47	16°38	25°56	16°37	21°49	16°14	14°28	21°D48	16°46	24°27	25° 5	16° 9	n.a.
S 30	10 43 32	12°46'37	1 ³⁴	17°40	26°53	16°23	21°41	16°16	14°31	21°48	16°44	24°26	25° 2	16°16	n.a.
S 31	10 47 28	13 ⁴³ 55	14 ⁷	18 ⁴⁵	27 ⁵⁰	16 ⁸	21 ³⁴	16 ¹⁸	14 ³⁴	21 ⁴⁸	16 ⁴³	24 ²⁴	24 ⁵⁹	16 ²³	n.a.

Delta T = 23h16m31s Julian Calendar 1 March 3178 BCE == Greg. Calendar 3 Feb. 3178 BCE
 The year -3177 astronomical counting style corresponds to year 3178 B.C.E historical counting style.

APRIL 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
M 1	10 51 25	14 ⁴¹ 12	26 ²⁸	19 ⁵²	28 ⁴⁸	15°R55	21°R26	16°R19	14°V38	21°R49	16°R42	24°R23	24 ⁵⁶	16 ²⁹	n.a.
T 2	10 55 22	15°38'28	8 ³⁹	21° 3	29°46	15°R42	21°R19	16°21	14°41	21°49	16°41	24°R22	24°52	16°36	n.a.
W 3	10 59 18	16°35'42	20°40	22°17	0 ⁴⁵	15°31	21°11	16°23	14°44	21°49	16°39	24°D22	24°49	16°42	n.a.
T 4	11 3 15	17°32'56	2 ³⁵	23°33	1°44	15°19	21° 4	16°25	14°47	21°49	16°38	24°22	24°46	16°49	n.a.
F 5	11 7 11	18°30'09	14°26	24°52	2°43	15° 9	20°56	16°27	14°51	21°49	16°37	24°22	24°43	16°56	n.a.
S 6	11 11 8	19°27'21	26°14	26°14	3°43	14°59	20°48	16°30	14°54	21°49	16°35	24°23	24°40	17° 2	n.a.
S 7	11 15 4	20°24'32	8 ⁴	27°39	4°43	14°51	20°41	16°32	14°57	21°50	16°34	24°23	24°36	17° 9	n.a.
M 8	11 19 1	21°21'42	19°58	29° 6	5°43	14°43	20°33	16°34	15° 1	21°50	16°33	24°24	24°33	17°16	n.a.
T 9	11 22 57	22°18'52	2 ⁰	0 ³⁶	6°44	14°35	20°26	16°37	15° 4	21°50	16°31	24°24	24°30	17°22	n.a.
W10	11 26 54	23°16'01	14°14	2° 8	7°45	14°29	20°18	16°39	15° 7	21°51	16°30	24°24	24°27	17°29	n.a.
T 11	11 30 51	24°13'10	26°46	3°43	8°46	14°24	20°10	16°42	15°11	21°51	16°28	24°24	24°24	17°36	n.a.
F 12	11 34 47	25°10'18	9 ³⁷	5°21	9°48	14°19	20° 3	16°45	15°14	21°52	16°27	24°24	24°21	17°42	n.a.
S 13	11 38 44	26° 7'26	22°53	7° 1	10°49	14°15	19°55	16°48	15°18	21°52	16°26	24°24	24°17	17°49	n.a.
S 14	11 42 40	27° 4'34	6 ³⁵	8°44	11°51	14°12	19°48	16°51	15°21	21°52	16°24	24°24	24°14	17°56	n.a.
M15	11 46 37	28° 1'41	20°42	10°29	12°54	14°10	19°40	16°54	15°24	21°53	16°23	24°25	24°11	18° 2	n.a.
T 16	11 50 33	28°58'47	5 ¹⁵	12°16	13°56	14° 8	19°33	16°57	15°28	21°54	16°21	24°25	24° 8	18° 9	n.a.
W17	11 54 30	29°55'53	20° 6	14° 7	14°59	14°D 8	19°25	17° 0	15°31	21°54	16°20	24°R25	24° 5	18°16	n.a.
T 18	11 58 26	0 ⁵² 59	5 ¹⁰	15°59	16° 2	14° 8	19°18	17° 4	15°35	21°55	16°18	24°25	24° 2	18°22	n.a.
F 19	12 2 23	1°50'03	20°19	17°54	17° 5	14° 9	19°10	17° 7	15°38	21°55	16°17	24°25	23°58	18°29	n.a.
S 20	12 6 19	2°47'08	5 ⁸	19°51	18° 9	14°11	19° 3	17°11	15°42	21°56	16°15	24°24	23°55	18°36	n.a.
S 21	12 10 16	3°44'12	20°10	21°51	19°13	14°14	18°56	17°14	15°45	21°57	16°14	24°23	23°52	18°42	n.a.
M22	12 14 13	4°41'15	4 ³⁹	23°52	20°17	14°17	18°49	17°18	15°49	21°58	16°12	24°22	23°49	18°49	n.a.
T 23	12 18 9	5°38'17	18°45	25°56	21°21	14°21	18°42	17°22	15°52	21°58	16°11	24°21	23°46	18°56	n.a.
W24	12 22 6	6°35'19	2 ²⁶	28° 1	22°25	14°27	18°35	17°26	15°56	21°59	16° 9	24°D21	23°42	19° 2	n.a.
T 25	12 26 2	7°32'20	15°42	0 ⁷	23°29	14°32	18°28	17°30	16° 0	22° 0	16° 8	24°21	23°39	19° 9	n.a.
F 26	12 29 59	8°29'21	28°36	2°15	24°34	14°39	18°21	17°34	16° 3	22° 1	16° 6	24°21	23°36	19°16	n.a.
S 27	12 33 55	9°26'21	11 ¹²	4°24	25°39	14°46	18°15	17°38	16° 7	22° 2	16° 4	24°23	23°33	19°22	n.a.
S 28	12 37 52	10°23'21	23°32	6°34	26°44	14°55	18° 8	17°42	16°10	22° 3	16° 3	24°24	23°30	19°29	n.a.
M29	12 41 48	11°20'20	5 ⁴⁰	8°45	27°49	15° 3	18° 1	17°46	16°14	22° 4	16° 1	24°25	23°27	19°36	n.a.
T 30	12 45 45	12 ¹⁷ 19	17 ³⁹	10 ⁵⁶	28 ⁵⁵	15 ¹³	17 ⁵⁵	17 ⁵⁰	16 ¹⁷	22 ⁵	16 ⁰	24 ²⁶	23 ²³	19 ⁴²	n.a.

Delta T = 23h16m28s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 3178 BCE

MAY 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	12 49 42	13°14'18"	29°33'	13°06'	0°00'	15°23'	17°49'	17°55'	16°21'	22°06'	15°58'	24°26'	23°20'	19°49'	n.a.
T 2	12 53 38	14°11'16"	11°23'	15°17'	1°06'	15°34'	17°43'	17°59'	16°25'	22°07'	15°57'	24°25'	23°17'	19°56'	n.a.
F 3	12 57 35	15°08'15"	23°11'	17°27'	2°12'	15°46'	17°37'	18°04'	16°28'	22°08'	15°55'	24°23'	23°14'	20°02'	n.a.
S 4	13 1 31	16°05'13"	5°11'	19°36'	3°18'	15°58'	17°31'	18°09'	16°32'	22°09'	15°54'	24°20'	23°11'	20°09'	n.a.
S 5	13 5 28	17°02'12"	16°54'	21°45'	4°24'	16°11'	17°25'	18°13'	16°35'	22°10'	15°52'	24°17'	23°08'	20°16'	n.a.
M 6	13 9 24	17°59'11"	28°52'	23°52'	5°31'	16°25'	17°19'	18°18'	16°39'	22°11'	15°50'	24°13'	23°04'	20°22'	n.a.
T 7	13 13 21	18°56'10"	10°59'	25°58'	6°37'	16°39'	17°14'	18°23'	16°42'	22°12'	15°49'	24°09'	23°01'	20°29'	n.a.
W 8	13 17 17	19°53'10"	23°16'	28°02'	7°44'	16°54'	17°08'	18°28'	16°46'	22°14'	15°47'	24°06'	22°58'	20°36'	n.a.
T 9	13 21 14	20°50'10"	5°48'	0°08'	8°51'	17°09'	17°03'	18°33'	16°50'	22°15'	15°46'	24°04'	22°55'	20°42'	n.a.
F 10	13 25 11	21°47'11"	18°37'	2°06'	9°58'	17°26'	16°58'	18°38'	16°53'	22°16'	15°44'	24°03'	22°52'	20°49'	n.a.
S 11	13 29 7	22°44'12"	1°47'	4°06'	11°05'	17°42'	16°53'	18°43'	16°57'	22°17'	15°43'	24°04'	22°48'	20°56'	n.a.
S 12	13 33 4	23°41'13"	15°21'	6°03'	12°12'	17°59'	16°48'	18°48'	17°00'	22°19'	15°41'	24°05'	22°45'	21°02'	n.a.
M13	13 37 0	24°38'15"	29°20'	7°59'	13°20'	18°17'	16°43'	18°53'	17°04'	22°20'	15°39'	24°06'	22°42'	21°09'	n.a.
T 14	13 40 57	25°35'18"	13°43'	9°53'	14°27'	18°36'	16°39'	18°59'	17°07'	22°22'	15°38'	24°07'	22°39'	21°16'	n.a.
W15	13 44 53	26°32'22"	28°30'	11°45'	15°35'	18°55'	16°34'	19°04'	17°11'	22°23'	15°36'	24°08'	22°36'	21°22'	n.a.
T 16	13 48 50	27°29'26"	13°33'	13°35'	16°43'	19°14'	16°30'	19°10'	17°15'	22°24'	15°35'	24°07'	22°33'	21°29'	n.a.
F 17	13 52 46	28°26'30"	28°45'	15°24'	17°51'	19°34'	16°26'	19°15'	17°18'	22°26'	15°33'	24°04'	22°29'	21°36'	n.a.
S 18	13 56 43	29°23'35"	13°56'	17°10'	18°59'	19°55'	16°22'	19°21'	17°22'	22°27'	15°32'	24°00'	22°26'	21°42'	n.a.
S 19	14 0 39	0°20'41"	28°57'	18°54'	20°07'	20°16'	16°18'	19°26'	17°25'	22°29'	15°30'	23°55'	22°23'	21°49'	n.a.
M20	14 4 36	1°17'47"	13°38'	20°37'	21°15'	20°37'	16°15'	19°32'	17°29'	22°30'	15°29'	23°49'	22°20'	21°56'	n.a.
T 21	14 8 33	2°14'53"	27°54'	22°17'	22°23'	20°59'	16°11'	19°38'	17°32'	22°32'	15°27'	23°45'	22°17'	22°02'	n.a.
W22	14 12 29	3°12'00"	11°34'	23°56'	23°32'	21°22'	16°08'	19°44'	17°36'	22°33'	15°26'	23°41'	22°13'	22°09'	n.a.
T 23	14 16 26	4°09'07"	4°07'	25°33'	24°40'	21°45'	16°05'	19°50'	17°39'	22°35'	15°24'	23°39'	22°10'	22°16'	n.a.
F 24	14 20 22	5°06'14"	7°55'	27°07'	25°49'	22°09'	16°02'	19°55'	17°43'	22°37'	15°23'	23°39'	22°07'	22°22'	n.a.
S 25	14 24 19	6°03'22"	20°27'	28°40'	26°58'	22°33'	16°00'	20°01'	17°46'	22°38'	15°21'	23°40'	22°04'	22°29'	n.a.
S 26	14 28 15	7°00'31"	2°41'	0°11'	28°07'	22°57'	15°57'	20°07'	17°50'	22°40'	15°20'	23°41'	22°01'	22°36'	n.a.
M27	14 32 12	7°57'40"	14°42'	1°40'	29°16'	23°22'	15°55'	20°14'	17°53'	22°42'	15°19'	23°42'	21°58'	22°42'	n.a.
T 28	14 36 8	8°54'49"	26°36'	3°07'	0°25'	23°47'	15°53'	20°20'	17°56'	22°43'	15°17'	23°43'	21°54'	22°49'	n.a.
W29	14 40 5	9°51'59"	8°24'	4°31'	1°34'	24°13'	15°51'	20°26'	18°00'	22°45'	15°16'	23°41'	21°51'	22°56'	n.a.
T 30	14 44 2	10°49'10"	20°13'	5°54'	2°43'	24°39'	15°49'	20°32'	18°03'	22°47'	15°14'	23°38'	21°48'	23°02'	n.a.
F 31	14 47 58	11°46'22"	2°11'	7°15'	3°53'	25°05'	15°47'	20°38'	18°07'	22°49'	15°13'	23°33'	21°45'	23°09'	n.a.

Delta T = 23h16m25s Julian Calendar 1 May 3178 BCE == Greg. Calendar 5 Apr. 3178 BCE
 The year -3177 astronomical counting style corresponds to year 3178 B.C.E historical counting style.

JUNE 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	14 51 55	12°43'35"	13°57'	8°33'	5°02'	25°32'	15°R46	20°II45	18°V10	22°II50	15°R12	23°R26	21°II42	23°II16	n.a.
S 2	14 55 51	13°40'49"	25°57'	9°50'	6°12'	26°00'	15°II45	20°51'	18°13'	22°52'	15°II10	23°II17	21°39'	23°22'	n.a.
M 3	14 59 48	14°38'04"	8°47'	11°04'	7°22'	26°27'	15°43'	20°57'	18°16'	22°54'	15°09'	23°07'	21°35'	23°29'	n.a.
T 4	15 3 44	15°35'20"	20°20'	12°16'	8°31'	26°55'	15°43'	21°04'	18°20'	22°56'	15°08'	22°58'	21°32'	23°36'	n.a.
W 5	15 7 41	16°32'37"	2°34'	13°25'	9°41'	27°24'	15°42'	21°10'	18°23'	22°58'	15°07'	22°50'	21°29'	23°42'	n.a.
T 6	15 11 37	17°29'56"	15°25'	14°32'	10°51'	27°52'	15°41'	21°17'	18°26'	23°00'	15°05'	22°44'	21°26'	23°49'	n.a.
F 7	15 15 34	18°27'16"	28°17'	15°36'	12°01'	28°21'	15°41'	21°24'	18°30'	23°02'	15°04'	22°40'	21°23'	23°56'	n.a.
S 8	15 19 31	19°24'38"	11°26'	16°38'	13°12'	28°51'	15°D41	21°30'	18°33'	23°03'	15°03'	22°38'	21°19'	24°02'	n.a.
S 9	15 23 27	20°22'01"	24°54'	17°37'	14°22'	29°20'	15°41'	21°37'	18°36'	23°05'	15°02'	22°D38	21°16'	24°09'	n.a.
M10	15 27 24	21°19'25"	8°43'	18°33'	15°32'	29°50'	15°41'	21°44'	18°39'	23°07'	15°00'	22°38'	21°13'	24°16'	n.a.
T 11	15 31 20	22°16'51"	22°54'	19°26'	16°43'	0°II21	15°41'	21°50'	18°42'	23°09'	14°59'	22°R39	21°10'	24°22'	n.a.
W12	15 35 17	23°14'19"	7°25'	20°16'	17°53'	0°52'	15°42'	21°57'	18°45'	23°11'	14°58'	22°38'	21°07'	24°29'	n.a.
T 13	15 39 13	24°11'48"	22°15'	21°03'	19°04'	1°23'	15°43'	22°04'	18°48'	23°13'	14°57'	22°35'	21°04'	24°36'	n.a.
F 14	15 43 10	25°09'19"	7°16'	21°46'	20°15'	1°54'	15°44'	22°11'	18°52'	23°15'	14°56'	22°30'	21°00'	24°42'	n.a.
S 15	15 47 6	26°06'51"	22°21'	22°25'	21°26'	2°26'	15°45'	22°18'	18°55'	23°17'	14°55'	22°22'	20°57'	24°49'	n.a.
S 16	15 51 3	27°04'25"	7°II19	23°01'	22°36'	2°57'	15°46'	22°25'	18°58'	23°19'	14°54'	22°13'	20°54'	24°56'	n.a.
M17	15 55 0	28°02'00"	22°02'	23°33'	23°47'	3°30'	15°48'	22°32'	19°01'	23°21'	14°53'	22°03'	20°51'	25°02'	n.a.
T 18	15 58 56	28°59'37"	6°II22	24°00'	24°58'	4°02'	15°49'	22°39'	19°03'	23°23'	14°52'	21°54'	20°48'	25°09'	n.a.
W19	16 2 53	29°57'15"	20°14'	24°23'	26°10'	4°35'	15°51'	22°46'	19°06'	23°25'	14°51'	21°46'	20°44'	25°16'	n.a.
T 20	16 6 49	0°II54'54"	3°II38	24°41'	27°21'	5°08'	15°53'	22°53'	19°09'	23°28'	14°50'	21°41'	20°41'	25°22'	n.a.
F 21	16 10 46	1°52'35"	16°34'	24°54'	28°32'	5°42'	15°56'	23°00'	19°12'	23°30'	14°49'	21°38'	20°38'	25°29'	n.a.
S 22	16 14 42	2°50'16"	29°07'	25°02'	29°43'	6°15'	15°58'	23°07'	19°15'	23°32'	14°48'	21°D37	20°35'	25°36'	n.a.
S 23	16 18 39	3°47'59"	11°II21	25°R 4	0°II55	6°49'	16°00'	23°14'	19°18'	23°34'	14°47'	21°37'	20°32'	25°42'	n.a.
M24	16 22 35	4°45'44"	23°21'	25°01'	2°06'	7°23'	16°03'	23°21'	19°21'	23°36'	14°46'	21°R37	20°29'	25°49'	n.a.
T 25	16 26 32	5°43'30"	5°II12	24°53'	3°18'	7°58'	16°06'	23°28'	19°23'	23°38'	14°45'	21°36'	20°25'	25°56'	n.a.
W26	16 30 29	6°41'17"	17°00'	24°39'	4°30'	8°32'	16°09'	23°35'	19°26'	23°40'	14°44'	21°34'	20°22'	26°02'	n.a.
T 27	16 34 25	7°39'06"	28°50'	24°19'	5°41'	9°07'	16°13'	23°42'	19°29'	23°42'	14°44'	21°29'	20°19'	26°09'	n.a.
F 28	16 38 22	8°36'56"	10°II43	23°53'	6°53'	9°42'	16°16'	23°50'	19°31'	23°45'	14°43'	21°21'	20°16'	26°16'	n.a.
S 29	16 42 18	9°34'48"	22°44'	23°22'	8°05'	10°17'	16°20'	23°57'	19°34'	23°47'	14°42'	21°10'	20°13'	26°22'	n.a.
S 30	16 46 15	10°II32'42"	4°II54	22°II45	9°II17	10°II53	16°II24	24°II 4	19°V37	23°II49	14°II41	20°II58	20°II10	26°II29	n.a.

Delta T = 23h16m22s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [6.2.2007]

SWISS EPHEMERIS for the year 3178 BCE

JULY 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	16 50 11	11 ^{II} 30'37	17 [♁] 14	22 [♁] R 4	10 [♁] 29	11 [♁] 29	16 [♁] 27	24 ^{II} 11	19 [♁] 39	23 ^{II} 51	14 [♁] R41	20 [♁] R45	20 [♁] 6	26 [♁] 36	n.a.		
T 2	16 54 8	12 [♁] 28'35	29 [♁] 45	21 ^{II} 18	11 [♁] 41	12 [♁] 5	16 [♁] 32	24 [♁] 19	19 [♁] 42	23 [♁] 53	14 [♁] 40	20 [♁] 32	20 [♁] 3	26 [♁] 42	n.a.		
W 3	16 58 4	13 [♁] 26'34	12 [♁] 27	20 [♁] 28	12 [♁] 53	12 [♁] 41	16 [♁] 36	24 [♁] 26	19 [♁] 44	23 [♁] 56	14 [♁] 40	20 [♁] 20	20 [♁] 0	26 [♁] 49	n.a.		
T 4	17 2 1	14 [♁] 24'36	25 [♁] 20	19 [♁] 35	14 [♁] 6	13 [♁] 17	16 [♁] 40	24 [♁] 33	19 [♁] 46	23 [♁] 58	14 [♁] 39	20 [♁] 11	19 [♁] 57	26 [♁] 56	n.a.		
F 5	17 5 58	15 [♁] 22'39	8 [♁] 25	18 [♁] 40	15 [♁] 18	13 [♁] 54	16 [♁] 45	24 [♁] 41	19 [♁] 49	24 [♁] 0	14 [♁] 38	20 [♁] 4	19 [♁] 54	27 [♁] 2	n.a.		
S 6	17 9 54	16 [♁] 20'45	21 [♁] 42	17 [♁] 44	16 [♁] 30	14 [♁] 31	16 [♁] 50	24 [♁] 48	19 [♁] 51	24 [♁] 2	14 [♁] 38	20 [♁] 0	19 [♁] 50	27 [♁] 9	n.a.		
S 7	17 13 51	17 [♁] 18'52	5 [♁] 12	16 [♁] 48	17 [♁] 43	15 [♁] 8	16 [♁] 55	24 [♁] 55	19 [♁] 53	24 [♁] 4	14 [♁] 37	19 [♁] 59	19 [♁] 47	27 [♁] 16	n.a.		
M 8	17 17 47	18 [♁] 17'02	18 [♁] 57	15 [♁] 54	18 [♁] 55	15 [♁] 45	17 [♁] 0	25 [♁] 3	19 [♁] 56	24 [♁] 7	14 [♁] 37	19 [♁] 59	19 [♁] 44	27 [♁] 22	n.a.		
T 9	17 21 44	19 [♁] 15'15	2 [♁] 57	15 [♁] 2	20 [♁] 8	16 [♁] 22	17 [♁] 5	25 [♁] 10	19 [♁] 58	24 [♁] 9	14 [♁] 36	19 [♁] 58	19 [♁] 41	27 [♁] 29	n.a.		
W10	17 25 40	20 [♁] 13'29	17 [♁] 13	14 [♁] 14	21 [♁] 21	17 [♁] 0	17 [♁] 11	25 [♁] 18	20 [♁] 0	24 [♁] 11	14 [♁] 36	19 [♁] 57	19 [♁] 38	27 [♁] 36	n.a.		
T 11	17 29 37	21 [♁] 11'46	1 [♁] 44	13 [♁] 30	22 [♁] 33	17 [♁] 38	17 [♁] 16	25 [♁] 25	20 [♁] 2	24 [♁] 13	14 [♁] 36	19 [♁] 53	19 [♁] 35	27 [♁] 42	n.a.		
F 12	17 33 33	22 [♁] 10'05	16 [♁] 24	12 [♁] 52	23 [♁] 46	18 [♁] 15	17 [♁] 22	25 [♁] 32	20 [♁] 4	24 [♁] 16	14 [♁] 35	19 [♁] 47	19 [♁] 31	27 [♁] 49	n.a.		
S 13	17 37 30	23 [♁] 8'26	1 ^{II} 8	12 [♁] 21	24 [♁] 59	18 [♁] 54	17 [♁] 28	25 [♁] 40	20 [♁] 6	24 [♁] 18	14 [♁] 35	19 [♁] 38	19 [♁] 28	27 [♁] 56	n.a.		
S 14	17 41 27	24 [♁] 6'50	15 [♁] 50	11 [♁] 58	26 [♁] 12	19 [♁] 32	17 [♁] 34	25 [♁] 47	20 [♁] 8	24 [♁] 20	14 [♁] 35	19 [♁] 26	19 [♁] 25	28 [♁] 2	n.a.		
M15	17 45 23	25 [♁] 5'16	0 [♁] 20	11 [♁] 43	27 [♁] 25	20 [♁] 10	17 [♁] 40	25 [♁] 55	20 [♁] 10	24 [♁] 22	14 [♁] 34	19 [♁] 15	19 [♁] 22	28 [♁] 9	n.a.		
T 16	17 49 20	26 [♁] 3'44	14 [♁] 32	11 [♁] D36	28 [♁] 38	20 [♁] 49	17 [♁] 47	26 [♁] 2	20 [♁] 12	24 [♁] 24	14 [♁] 34	19 [♁] 4	19 [♁] 19	28 [♁] 16	n.a.		
W17	17 53 16	27 [♁] 2'14	28 [♁] 20	11 [♁] 38	29 [♁] 51	21 [♁] 28	17 [♁] 53	26 [♁] 9	20 [♁] 14	24 [♁] 27	14 [♁] 34	18 [♁] 54	19 [♁] 16	28 [♁] 22	n.a.		
T 18	17 57 13	28 [♁] 0'45	11 [♁] 43	11 [♁] 49	1 ^{II} 5	22 [♁] 7	18 [♁] 0	26 [♁] 17	20 [♁] 16	24 [♁] 29	14 [♁] 34	18 [♁] 47	19 [♁] 12	28 [♁] 29	n.a.		
F 19	18 1 9	28 [♁] 59'19	24 [♁] 40	12 [♁] 9	2 [♁] 18	22 [♁] 46	18 [♁] 7	26 [♁] 24	20 [♁] 18	24 [♁] 31	14 [♁] 34	18 [♁] 43	19 [♁] 9	28 [♁] 36	n.a.		
S 20	18 5 6	29 [♁] 57'54	7 [♁] 15	12 [♁] 38	3 [♁] 31	23 [♁] 25	18 [♁] 14	26 [♁] 32	20 [♁] 20	24 [♁] 33	14 [♁] 34	18 [♁] 41	19 [♁] 6	28 [♁] 43	n.a.		
S 21	18 9 2	0 [♁] 56'32	19 [♁] 30	13 [♁] 16	4 [♁] 45	24 [♁] 5	18 [♁] 21	26 [♁] 39	20 [♁] 21	24 [♁] 36	14 [♁] 33	18 [♁] D40	19 [♁] 3	28 [♁] 49	n.a.		
M22	18 12 59	1 [♁] 55'11	1 [♁] 31	14 [♁] 2	5 [♁] 58	24 [♁] 45	18 [♁] 28	26 [♁] 46	20 [♁] 23	24 [♁] 38	14 [♁] 33	18 [♁] R41	19 [♁] 0	28 [♁] 56	n.a.		
T 23	18 16 56	2 [♁] 53'52	13 [♁] 23	14 [♁] 56	7 [♁] 12	25 [♁] 24	18 [♁] 35	26 [♁] 54	20 [♁] 25	24 [♁] 40	14 [♁] D33	18 [♁] 40	18 [♁] 56	29 [♁] 3	n.a.		
W24	18 20 52	3 [♁] 52'35	25 [♁] 13	15 [♁] 58	8 [♁] 25	26 [♁] 4	18 [♁] 43	27 [♁] 1	20 [♁] 26	24 [♁] 42	14 [♁] 33	18 [♁] 38	18 [♁] 53	29 [♁] 9	n.a.		
T 25	18 24 49	4 [♁] 51'20	7 [♁] 14	17 [♁] 6	9 [♁] 39	26 [♁] 44	18 [♁] 50	27 [♁] 8	20 [♁] 28	24 [♁] 45	14 [♁] 33	18 [♁] 34	18 [♁] 50	29 [♁] 16	n.a.		
F 26	18 28 45	5 [♁] 50'08	19 [♁] 1	18 [♁] 21	10 [♁] 52	27 [♁] 25	18 [♁] 58	27 [♁] 16	20 [♁] 29	24 [♁] 47	14 [♁] 34	18 [♁] 27	18 [♁] 47	29 [♁] 23	n.a.		
S 27	18 32 42	6 [♁] 48'57	1 [♁] 8	19 [♁] 42	12 [♁] 6	28 [♁] 5	19 [♁] 6	27 [♁] 23	20 [♁] 31	24 [♁] 49	14 [♁] 34	18 [♁] 18	18 [♁] 44	29 [♁] 29	n.a.		
S 28	18 36 38	7 [♁] 47'48	13 [♁] 28	21 [♁] 8	13 [♁] 20	28 [♁] 45	19 [♁] 14	27 [♁] 30	20 [♁] 32	24 [♁] 51	14 [♁] 34	18 [♁] 6	18 [♁] 41	29 [♁] 36	n.a.		
M29	18 40 35	8 [♁] 46'41	26 [♁] 2	22 [♁] 38	14 [♁] 34	29 [♁] 26	19 [♁] 22	27 [♁] 38	20 [♁] 33	24 [♁] 53	14 [♁] 34	17 [♁] 54	18 [♁] 37	29 [♁] 43	n.a.		
T 30	18 44 31	9 [♁] 45'37	8 [♁] 50	24 [♁] 12	15 [♁] 48	0 [♁] 7	19 [♁] 31	27 [♁] 45	20 [♁] 34	24 [♁] 55	14 [♁] 34	17 [♁] 42	18 [♁] 34	29 [♁] 49	n.a.		
W31	18 48 28	10 [♁] 44'35	21 [♁] 52	25 [♁] 50	17 ^{II} 2	0 [♁] 48	19 [♁] 39	27 ^{II} 52	20 [♁] 36	24 ^{II} 58	14 [♁] 34	17 [♁] 31	18 [♁] 31	29 [♁] 56	n.a.		

Delta T = 23h16m20s Julian Calendar 1 July 3178 BCE == Greg. Calendar 5 June 3178 BCE
 The year -3177 astronomical counting style corresponds to year 3178 B.C.E historical counting style.

AUGUST 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	18 52 25	11 [♁] 43'35	5 [♁] 6	27 ^{II} 30	18 ^{II} 16	1 [♁] 29	19 [♁] 48	28 ^{II} 0	20 [♁] 37	25 ^{II} 0	14 [♁] 35	17 [♁] R23	18 [♁] 28	0 [♁] 3	n.a.		
F 2	18 56 21	12 [♁] 42'37	18 [♁] 32	29 [♁] 13	19 [♁] 30	2 [♁] 10	19 [♁] 56	28 [♁] 7	20 [♁] 38	25 [♁] 2	14 [♁] 35	17 [♁] 17	18 [♁] 25	0 [♁] 9	n.a.		
S 3	19 0 18	13 [♁] 41'42	2 [♁] 7	0 [♁] 58	20 [♁] 44	2 [♁] 51	20 [♁] 5	28 [♁] 14	20 [♁] 39	25 [♁] 4	14 [♁] 35	17 [♁] 14	18 [♁] 22	0 [♁] 16	n.a.		
S 4	19 4 14	14 [♁] 40'49	15 [♁] 51	2 [♁] 44	21 [♁] 58	3 [♁] 32	20 [♁] 14	28 [♁] 21	20 [♁] 40	25 [♁] 6	14 [♁] 36	17 [♁] D13	18 [♁] 18	0 [♁] 23	n.a.		
M 5	19 8 11	15 [♁] 39'59	29 [♁] 44	4 [♁] 31	23 [♁] 12	4 [♁] 14	20 [♁] 23	28 [♁] 28	20 [♁] 41	25 [♁] 8	14 [♁] 36	17 [♁] 13	18 [♁] 15	0 [♁] 29	n.a.		
T 6	19 12 7	16 [♁] 39'11	13 [♁] 44	6 [♁] 19	24 [♁] 27	4 [♁] 55	20 [♁] 32	28 [♁] 36	20 [♁] 42	25 [♁] 10	14 [♁] 37	17 [♁] R14	18 [♁] 12	0 [♁] 36	n.a.		
W 7	19 16 4	17 [♁] 38'26	27 [♁] 52	8 [♁] 7	25 [♁] 41	5 [♁] 37	20 [♁] 42	28 [♁] 43	20 [♁] 43	25 [♁] 13	14 [♁] 37	17 [♁] 13	18 [♁] 9	0 [♁] 43	n.a.		
T 8	19 20 0	18 [♁] 37'43	12 [♁] 6	9 [♁] 56	26 [♁] 56	6 [♁] 19	20 [♁] 51	28 [♁] 50	20 [♁] 44	25 [♁] 15	14 [♁] 38	17 [♁] 11	18 [♁] 6	0 [♁] 49	n.a.		
F 9	19 23 57	19 [♁] 37'04	26 [♁] 24	11 [♁] 45	28 [♁] 10	7 [♁] 1	21 [♁] 1	28 [♁] 57	20 [♁] 44	25 [♁] 17	14 [♁] 38	17 [♁] 6	18 [♁] 2	0 [♁] 56	n.a.		
S 10	19 27 54	20 [♁] 36'26	10 ^{II} 43	13 [♁] 33	29 [♁] 25	7 [♁] 43	21 [♁] 10	29 [♁] 4	20 [♁] 45	25 [♁] 19	14 [♁] 39	16 [♁] 59	17 [♁] 59	1 [♁] 3	n.a.		
S 11	19 31 50	21 [♁] 35'51	24 [♁] 57	15 [♁] 22	0 [♁] 39	8 [♁] 25	21 [♁] 20	29 [♁] 11	20 [♁] 46	25 [♁] 21	14 [♁] 39	16 [♁] 51	17 [♁] 56	1 [♁] 9	n.a.		
M12	19 35 47	22 [♁] 35'19	9 [♁] 3	17 [♁] 10	1 [♁] 54	9 [♁] 7	21 [♁] 30	29 [♁] 18	20 [♁] 46	25 [♁] 23	14 [♁] 40	16 [♁] 42	17 [♁] 53	1 [♁] 16	n.a.		
T 13	19 39 43	23 [♁] 34'49	22 [♁] 55	18 [♁] 57	3 [♁] 8	9 [♁] 50	21 [♁] 40	29 [♁] 25	20 [♁] 47	25 [♁] 25	14 [♁] 41	16 [♁] 33	17 [♁] 50	1 [♁] 23	n.a.		
W14	19 43 40	24 [♁] 34'21	6 [♁] 28	20 [♁] 45	4 [♁] 23	10 [♁] 32	21 [♁] 50	29 [♁] 32	20 [♁] 47	25 [♁] 27	14 [♁] 41	16 [♁] 25	17 [♁] 47	1 [♁] 30	n.a.		
T 15	19 47 36	25 [♁] 33'56	19 [♁] 41	22 [♁] 31	5 [♁] 38	11 [♁] 15	22 [♁] 0	29 [♁] 39	20 [♁] 48	25 [♁] 29	14 [♁] 42	16 [♁] 20	17 [♁] 43	1 [♁] 36	n.a.		

SWISS EPHEMERIS for the year 3178 BCE

SEPTEMBER 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	20 54 38	12 ^Ω 31'46	26 [♋] 15	20 [♊] 59	26 [♁] 54	23 [♂] 31	25 [♃] 7	1 [♄] 31	20 [♅] R47	26 [♆] II 0	14 [♇] 59	15 [♈] 36	16 [♉] 49	3 [♊] 30	n.a.		
M 2	20 58 34	13 [♈] 31'57	10 [♇] 28	22 [♁] 34	28 [♂] 9	24 [♃] 15	25 [♄] 19	1 [♅] 37	20 [♆] Y47	26 [♇] 2	15 [♈] 1	15 [♉] 37	16 [♊] 46	3 [♋] 37	n.a.		
T 3	21 2 31	14 [♉] 32'11	24 [♁] 41	24 [♂] 9	29 [♃] 25	24 [♄] 59	25 [♅] 31	1 [♆] 43	20 [♇] 46	26 [♈] 4	15 [♉] 2	15 [♊] 39	16 [♋] 43	3 [♌] 43	n.a.		
W 4	21 6 27	15 [♊] 32'26	8 [♁] 54	25 [♂] 43	0 [♃] 40	25 [♄] 43	25 [♅] 42	1 [♆] 49	20 [♇] 45	26 [♈] 5	15 [♉] 3	15 [♊] 40	16 [♋] 40	3 [♌] 50	n.a.		
T 5	21 10 24	16 [♋] 32'44	23 [♁] 2	27 [♂] 16	1 [♃] 55	26 [♄] 27	25 [♅] 54	1 [♆] 55	20 [♇] 45	26 [♈] 7	15 [♉] 4	15 [♊] R40	16 [♋] 37	3 [♌] 57	n.a.		
F 6	21 14 21	17 [♌] 33'05	7 [♁] II	28 [♂] 49	3 [♃] 11	27 [♄] 11	26 [♅] 6	2 [♆] 1	20 [♇] 44	26 [♈] 8	15 [♉] 6	15 [♊] 38	16 [♋] 33	4 [♌] 3	n.a.		
S 7	21 18 17	18 [♍] 33'28	21 [♁] 3	0 [♃] 21	4 [♄] 26	27 [♅] 55	26 [♆] 19	2 [♇] 7	20 [♈] 43	26 [♉] 10	15 [♊] 7	15 [♋] 36	16 [♌] 30	4 [♍] 10	n.a.		
S 8	21 22 14	19 [♎] 33'53	4 [♁] 51	1 [♂] 53	5 [♃] 42	28 [♄] 40	26 [♅] 31	2 [♆] 12	20 [♇] 42	26 [♈] 11	15 [♉] 9	15 [♊] 32	16 [♋] 27	4 [♌] 17	n.a.		
M 9	21 26 10	20 [♏] 34'20	18 [♁] 28	3 [♂] 24	6 [♃] 57	29 [♄] 24	26 [♅] 43	2 [♆] 18	20 [♇] 41	26 [♈] 13	15 [♉] 10	15 [♊] 28	16 [♋] 24	4 [♌] 23	n.a.		
T 10	21 30 7	21 [♐] 34'49	1 [♁] 53	4 [♂] 55	8 [♃] 13	0 [♄] II 8	26 [♅] 55	2 [♆] 24	20 [♇] 41	26 [♈] 14	15 [♉] 12	15 [♊] 24	16 [♋] 21	4 [♌] 30	n.a.		
W11	21 34 3	22 [♑] 35'20	15 [♁] 3	6 [♂] 26	9 [♃] 29	0 [♄] 53	27 [♅] 8	2 [♆] 29	20 [♇] 40	26 [♈] 16	15 [♉] 13	15 [♊] 21	16 [♋] 18	4 [♌] 37	n.a.		
T 12	21 38 0	23 [♒] 35'53	27 [♁] 58	7 [♂] 56	10 [♃] 44	1 [♄] 37	27 [♅] 20	2 [♆] 35	20 [♇] 39	26 [♈] 17	15 [♉] 15	15 [♊] 19	16 [♋] 14	4 [♌] 43	n.a.		
F 13	21 41 56	24 [♓] 36'27	10 [♁] 37	9 [♂] 26	12 [♃] 0	2 [♄] 22	27 [♅] 33	2 [♆] 41	20 [♇] 37	26 [♈] 18	15 [♉] 16	15 [♊] D18	16 [♋] 11	4 [♌] 50	n.a.		
S 14	21 45 53	25 [♐] 37'04	23 [♁] 2	10 [♂] 55	13 [♃] 15	3 [♄] 7	27 [♅] 45	2 [♆] 46	20 [♇] 36	26 [♈] 20	15 [♉] 18	15 [♊] 18	16 [♋] 8	4 [♌] 57	n.a.		
S 15	21 49 50	26 [♑] 37'42	5 [♁] 13	12 [♂] 23	14 [♃] 31	3 [♄] 51	27 [♅] 58	2 [♆] 51	20 [♇] 35	26 [♈] 21	15 [♉] 19	15 [♊] 19	16 [♋] 5	5 [♌] 4	n.a.		
M16	21 53 46	27 [♒] 38'22	17 [♁] 13	13 [♂] 51	15 [♃] 47	4 [♄] 36	28 [♅] 11	2 [♆] 57	20 [♇] 34	26 [♈] 22	15 [♉] 21	15 [♊] 21	16 [♋] 2	5 [♌] 10	n.a.		
T 17	21 57 43	28 [♓] 39'03	29 [♁] 6	15 [♂] 19	17 [♃] 2	5 [♄] 21	28 [♅] 23	3 [♆] 2	20 [♇] 33	26 [♈] 24	15 [♉] 23	15 [♊] 22	15 [♋] 59	5 [♌] 17	n.a.		
W18	22 1 39	29 [♐] 39'46	10 [♁] 56	16 [♂] 46	18 [♃] 18	6 [♄] 5	28 [♅] 36	3 [♆] 7	20 [♇] 31	26 [♈] 25	15 [♉] 24	15 [♊] 24	15 [♋] 55	5 [♌] 24	n.a.		
T 19	22 5 36	0 [♁] 40'30	22 [♁] 47	18 [♂] 12	19 [♃] 34	6 [♄] 50	28 [♅] 49	3 [♆] 12	20 [♇] 30	26 [♈] 26	15 [♉] 26	15 [♊] 24	15 [♋] 52	5 [♌] 30	n.a.		
F 20	22 9 32	1 [♁] 41'15	4 [♁] 45	19 [♂] 38	20 [♃] 49	7 [♄] 35	29 [♅] 2	3 [♆] 17	20 [♇] 28	26 [♈] 27	15 [♉] 28	15 [♊] R25	15 [♋] 49	5 [♌] 37	n.a.		
S 21	22 13 29	2 [♁] 42'02	16 [♁] 54	21 [♂] 3	22 [♃] 5	8 [♄] 20	29 [♅] 15	3 [♆] 22	20 [♇] 27	26 [♈] 28	15 [♉] 30	15 [♊] 24	15 [♋] 46	5 [♌] 44	n.a.		
S 22	22 17 25	3 [♁] 42'50	29 [♁] 18	22 [♂] 27	23 [♃] 21	9 [♄] 5	29 [♅] 28	3 [♆] 27	20 [♇] 26	26 [♈] 30	15 [♉] 31	15 [♊] 23	15 [♋] 43	5 [♌] 50	n.a.		
M23	22 21 22	4 [♁] 43'40	12 [♁] 31	23 [♂] 51	24 [♃] 37	9 [♄] 50	29 [♅] 41	3 [♆] 31	20 [♇] 24	26 [♈] 31	15 [♉] 33	15 [♊] 22	15 [♋] 39	5 [♌] 57	n.a.		
T 24	22 25 19	5 [♁] 44'31	25 [♁] 7	25 [♂] 13	25 [♃] 52	10 [♄] 35	29 [♅] 54	3 [♆] 36	20 [♇] 22	26 [♈] 32	15 [♉] 35	15 [♊] 20	15 [♋] 36	6 [♌] 4	n.a.		
W25	22 29 15	6 [♁] 45'23	8 [♁] 36	26 [♂] 35	27 [♃] 8	11 [♄] 20	0 [♅] 7	3 [♆] 41	20 [♇] 21	26 [♈] 33	15 [♉] 37	15 [♊] 19	15 [♋] 33	6 [♌] 10	n.a.		
T 26	22 33 12	7 [♁] 46'17	22 [♁] 28	27 [♂] 55	28 [♃] 24	12 [♄] 5	0 [♅] 20	3 [♆] 45	20 [♇] 19	26 [♈] 34	15 [♉] 39	15 [♊] 18	15 [♋] 30	6 [♌] 17	n.a.		
F 27	22 37 8	8 [♁] 47'11	6 [♁] 48	29 [♂] 14	29 [♃] 14	12 [♄] 50	0 [♅] 33	3 [♆] 50	20 [♇] 17	26 [♈] 35	15 [♉] 40	15 [♊] 18	15 [♋] 27	6 [♌] 24	n.a.		
S 28	22 41 5	9 [♁] 48'07	21 [♁] 8	0 [♁] 31	0 [♃] 55	13 [♄] 35	0 [♅] 47	3 [♆] 54	20 [♇] 16	26 [♈] 36	15 [♉] 42	15 [♊] D18	15 [♋] 24	6 [♌] 31	n.a.		
S 29	22 45 1	10 [♁] 49'05	5 [♁] Y46	1 [♂] 47	2 [♃] 11	14 [♄] 20	1 [♅] 0	3 [♆] 58	20 [♇] 14	26 [♈] 36	15 [♉] 44	15 [♊] 18	15 [♋] 20	6 [♌] 37	n.a.		
M30	22 48 58	11 [♁] 50'04	20 [♁] Y28	3 [♁] 1	3 [♃] 27	15 [♄] 5	1 [♅] 13	4 [♆] 3	20 [♇] Y12	26 [♈] II 37	15 [♉] 46	15 [♊] R18	15 [♋] Y17	6 [♌] 44	n.a.		

Delta T = 23h16m14s Julian Calendar 1 Sept. 3178 BCE == Greg. Calendar 6 Aug. 3178 BCE
 The year -3177 astronomical counting style corresponds to year 3178 B.C.E historical counting style.

OCTOBER 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	22 52 54	12 [♁] 51'04	5 [♁] 6	4 [♁] 13	4 [♁] 43	15 [♁] 50	1 [♁] 26	4 [♁] 7	20 [♁] R10	26 [♁] II 38	15 [♁] 48	15 [♁] 19	15 [♁] 14	6 [♁] 51	n.a.		
W 2	22 56 51	13 [♁] 52'07	19 [♁] 36	5 [♁] 22	5 [♁] 58	16 [♁] 36	1 [♁] 40	4 [♁] 11	20 [♁] Y 8	26 [♁] 39	15 [♁] 50	15 [♁] 19	15 [♁] 11	6 [♁] 57	n.a.		
T 3	23 0 48	14 [♁] 53'10	3 [♁] II 54	6 [♁] 28	7 [♁] 14	17 [♁] 21	1 [♁] 53	4 [♁] 15	20 [♁] 6	26 [♁] 40	15 [♁] 52	15 [♁] 19	15 [♁] 8	7 [♁] 4	n.a.		
F 4	23 4 44	15 [♁] 54'15	17 [♁] 56	7 [♁] 31	8 [♁] 30	18 [♁] 6	2 [♁] 7	4 [♁] 18	20 [♁] 4	26 [♁] 40	15 [♁] 54	15 [♁] 19	15 [♁] 5	7 [♁] 11	n.a.		
S 5	23 8 41	16 [♁] 55'22	1 [♁] 54 2	8 [♁] 30	9 [♁] 46	18 [♁] 51	2 [♁] 20	4 [♁] 22	20 [♁] 2	26 [♁] 41	15 [♁] 56	15 [♁] 19	15 [♁] 1	7 [♁] 17	n.a.		
S 6	23 12 37	17 [♁] 56'30	15 [♁] 12	9 [♁] 25	11 [♁] 1	19 [♁] 36	2 [♁] 34	4 [♁] 26	20 [♁] 0	26 [♁] 42	15 [♁] 58	15 [♁] 19	14 [♁] 58	7 [♁] 24	n.a.		
M 7	23 16 34	18 [♁] 57'40	28 [♁] 27	10 [♁] 16	12 [♁] 17	20 [♁] 22	2 [♁] 47	4 [♁] 30	19 [♁] 58	26 [♁] 42	16 [♁] 0	15 [♁] 20	14 [♁] 55	7 [♁] 31	n.a.		
T 8	23 20 30	19 [♁] 58'50	11 [♁] Ω 27	11 [♁] 1	13 [♁] 33	21 [♁] 7	3 [♁] 1	4 [♁] 33	19 [♁] 56	26 [♁] 43	16 [♁] 2	15 [♁] 20	14 [♁] 52	7 [♁] 37	n.a.		
W 9	23 24 27	21 [♁] 0'02	24 [♁] 13	11 [♁] 39	14 [♁] 49	21 [♁] 52	3 [♁] 14	4 [♁] 36	19 [♁] 54	26 [♁] 44	16 [♁] 4	15 [♁] 21	14 [♁] 49	7 [♁] 44	n.a.		
T 10	23 28 23	22 [♁] 1'15	6 [♁] Y 47	12 [♁] 11	16 [♁] 4	22 [♁] 38	3 [♁] 28	4 [♁] 40	19 [♁] 52	26 [♁] 44	16 [♁] 6	15 [♁] 21	14 [♁] 45	7 [♁] 51	n.a.		
F 11	23 32 20	23 [♁] 2'29	19 [♁] 10	12 [♁] 35	17 [♁] 20	23 [♁] 23	3 [♁] 42	4 [♁] 43	19 [♁] 49	26 [♁] 45	16 [♁] 8	15 [♁] R21	14 [♁] 42	7 [♁] 58	n.a.		
S 12	23 36 16	24 [♁] 3'44	1 [♁] 22	12 [♁] 50	18 [♁] 36	24 [♁] 8	3 [♁] 55	4 [♁] 46	19 [♁] 47	26 [♁] 45	16 [♁] 10	15 [♁] 21	14 [♁] 39	8 [♁] 4	n.a.		
S 13	23 40 13	25 [♁] 4'59	13 [♁] 26	12 [♁] R56	19 [♁] 52	24 [♁] 54	4 [♁] 9	4 [♁] 49	19 [♁] 45	26 [♁] 46	16 [♁] 12	15 [♁] 20	14 [♁] 36	8 [♁] 11	n.a.		
M14	23 44 10	26 [♁] 6'16	25 [♁] 23	12 [♁] 52	21 [♁] 8	25 [♁] 39	4 [♁] 23	4 [♁] 52	19 [♁] 43	26 [♁] 46	16 [♁] 15	15 [♁] 18	14 [♁] 33	8 [♁] 18	n.a.		
T 15	23 48 6	27 [♁] 7'33	7 [♁] II 15	12 [♁] 36	22 [♁] 23	26 [♁] 24	4 [♁] 36	4 [♁] 55	19 [♁] 40	26 [♁] 46	16 [♁] 17	15 [♁] 16	14 [♁] 30	8 [♁] 24	n.a.		
W16	23 52 3	28 [♁] 8'50	19 [♁] 4	12 [♁] 10	23 [♁] 39	27 [♁] 10	4 [♁] 50	4 [♁] 57	19 [♁] 38	26 [♁] 47	16 [♁] 19	15 [♁] 15	14 [♁] 26	8 [♁] 31	n.a.		
T 17	23 55 59	29 [♁] 10'09	0 [♁] X 55	11 [♁] 32	24 [♁] 55	27 [♁] 55	5 [♁] 4	5 [♁] 0	19 ^{♁</}								

SWISS EPHEMERIS for the year 3178 BCE

NOVEMBER 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	0 55 8	14 ^Ω 30'13	28 ^{II} 11	26°R45	13 ^Ω 49	9 [♂] 15	8 ^Ω 30	5 [♁] 27	18°R58	26°R47	16 ^Ω 54	14°R57	13 [♁] 36	10 [♁] 18	n.a.
S 2	0 59 4	15°31'36	12 [♁] 1	26°D42	15° 5	10° 0	8°44	5°28	18°V56	26 ^{II} 47	16°56	14°D56	13°32	10°25	n.a.
S 3	1 3 1	16°32'59	25°26	26 [♁] 48	16°20	10°46	8°57	5°29	18°53	26°46	16°58	14 [♁] 56	13°29	10°32	n.a.
M 4	1 6 57	17°34'22	8 ^Ω 30	27° 3	17°36	11°31	9°11	5°30	18°50	26°46	17° 1	14°57	13°26	10°38	n.a.
T 5	1 10 54	18°35'45	21°15	27°26	18°52	12°16	9°25	5°30	18°48	26°46	17° 3	14°59	13°23	10°45	n.a.
W 6	1 14 50	19°37'09	3 [♁] 44	27°56	20° 7	13° 1	9°39	5°31	18°45	26°45	17° 5	15° 1	13°20	10°52	n.a.
T 7	1 18 47	20°38'32	16° 1	28°32	21°23	13°47	9°52	5°31	18°43	26°45	17° 7	15°R 1	13°16	10°58	n.a.
F 8	1 22 43	21°39'55	28° 9	29°15	22°38	14°32	10° 6	5°31	18°40	26°44	17°10	15° 0	13°13	11° 5	n.a.
S 9	1 26 40	22°41'18	10 ^Ω 9	0 ^Ω 2	23°54	15°17	10°20	5°32	18°37	26°44	17°12	14°57	13°10	11°12	n.a.
S 10	1 30 36	23°42'41	22° 5	0°53	25° 9	16° 2	10°33	5°R32	18°35	26°43	17°14	14°52	13° 7	11°19	n.a.
M 11	1 34 33	24°44'04	3 [♁] 58	1°49	26°24	16°47	10°47	5°32	18°32	26°43	17°16	14°46	13° 4	11°25	n.a.
T 12	1 38 30	25°45'26	15°49	2°49	27°40	17°32	11° 0	5°31	18°30	26°42	17°18	14°38	13° 1	11°32	n.a.
W 13	1 42 26	26°46'47	27°39	3°51	28°55	18°18	11°14	5°31	18°27	26°42	17°21	14°29	12°57	11°39	n.a.
T 14	1 46 23	27°48'08	9 [♂] 32	4°57	0 [♁] 11	19° 3	11°27	5°31	18°25	26°41	17°23	14°21	12°54	11°45	n.a.
F 15	1 50 19	28°49'28	21°30	6° 5	1°26	19°48	11°41	5°30	18°22	26°40	17°25	14°13	12°51	11°52	n.a.
S 16	1 54 16	29°50'48	3 [♁] 35	7°15	2°41	20°33	11°54	5°30	18°20	26°40	17°27	14° 8	12°48	11°59	n.a.
S 17	1 58 12	0 [♁] 52'07	15°51	8°27	3°57	21°18	12° 8	5°29	18°17	26°39	17°29	14° 4	12°45	12° 5	n.a.
M 18	2 2 9	1°53'24	28°22	9°41	5°12	22° 3	12°21	5°28	18°14	26°38	17°32	14°D 3	12°41	12°12	n.a.
T 19	2 6 5	2°54'41	11 [♁] 14	10°57	6°27	22°48	12°35	5°27	18°12	26°37	17°34	14° 3	12°38	12°19	n.a.
W 20	2 10 2	3°55'57	24°29	12°14	7°43	23°33	12°48	5°26	18°10	26°36	17°36	14° 4	12°35	12°26	n.a.
T 21	2 13 59	4°57'11	8 [♂] 11	13°33	8°58	24°18	13° 1	5°25	18° 7	26°36	17°38	14°R 5	12°32	12°32	n.a.
F 22	2 17 55	5°58'25	22°22	14°53	10°13	25° 3	13°15	5°24	18° 5	26°35	17°40	14° 5	12°29	12°39	n.a.
S 23	2 21 52	6°59'37	7°R 0	16°14	11°29	25°48	13°28	5°23	18° 2	26°34	17°42	14° 3	12°26	12°46	n.a.
S 24	2 25 48	8° 0'48	22° 1	17°36	12°44	26°32	13°41	5°21	18° 0	26°33	17°45	13°58	12°22	12°52	n.a.
M 25	2 29 45	9° 1'59	7 [♂] 18	18°59	13°59	27°17	13°54	5°20	17°57	26°32	17°47	13°51	12°19	12°59	n.a.
T 26	2 33 41	10° 3'08	22°39	20°23	15°14	28° 2	14° 7	5°18	17°55	26°31	17°49	13°43	12°16	13° 6	n.a.
W 27	2 37 38	11° 4'17	7 ^{II} 53	21°48	16°29	28°47	14°20	5°17	17°53	26°30	17°51	13°34	12°13	13°13	n.a.
T 28	2 41 34	12° 5'24	22°50	23°14	17°44	29°32	14°33	5°15	17°50	26°29	17°53	13°25	12°10	13°19	n.a.
F 29	2 45 31	13° 6'31	7 [♁] 22	24°40	19° 0	0 [♁] 16	14°46	5°13	17°48	26°28	17°55	13°18	12° 7	13°26	n.a.
S 30	2 49 28	14 [♁] 7'37	21 [♁] 24	26 ^Ω 8	20 [♁] 15	1 [♁] 1	14 ^Ω 59	5 [♁] 11	17°V46	26 ^{II} 26	17 ^Ω 57	13 [♁] 13	12 [♁] 3	13 [♁] 33	n.a.

Delta T = 23h16m08s Julian Calendar 1 Nov. 3178 BCE == Greg. Calendar 6 Oct. 3178 BCE
 The year -3177 astronomical counting style corresponds to year 3178 B.C.E historical counting style.

DECEMBER 3178 BCE (-3177) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 53 24	15 [♁] 8'42	4 ^Ω 57	27 ^Ω 36	21 [♁] 30	1 [♁] 46	15 ^Ω 12	5°R 9	17°R44	26°R25	17 ^Ω 59	13°R11	12 [♁] 0	13 [♁] 39	n.a.
M 2	2 57 21	16° 9'46	18° 2	29° 4	22°45	2°30	15°25	5 [♁] 6	17°V41	26 ^{II} 24	18° 1	13°D11	11°57	13°46	n.a.
T 3	3 1 17	17°10'50	0 [♁] 43	0 [♁] 34	24° 0	3°15	15°38	5° 4	17°39	26°23	18° 3	13 [♁] 11	11°54	13°53	n.a.
W 4	3 5 14	18°11'52	13° 6	2° 4	25°15	3°59	15°51	5° 2	17°37	26°22	18° 5	13°R12	11°51	13°59	n.a.
T 5	3 9 10	19°12'53	25°15	3°35	26°30	4°44	16° 3	4°59	17°35	26°21	18° 7	13°11	11°47	14° 6	n.a.
F 6	3 13 7	20°13'53	7 [♁] 13	5° 7	27°45	5°28	16°16	4°57	17°33	26°19	18° 9	13° 8	11°44	14°13	n.a.
S 7	3 17 3	21°14'52	19° 7	6°39	29° 0	6°13	16°28	4°54	17°31	26°18	18°11	13° 2	11°41	14°20	n.a.
S 8	3 21 0	22°15'49	0 [♁] 57	8°12	0 [♂] 15	6°57	16°41	4°51	17°29	26°17	18°13	12°53	11°38	14°26	n.a.
M 9	3 24 57	23°16'45	12°47	9°46	1°30	7°42	16°53	4°48	17°27	26°15	18°15	12°42	11°35	14°33	n.a.
T 10	3 28 53	24°17'40	24°39	11°20	2°45	8°26	17° 6	4°45	17°25	26°14	18°17	12°29	11°32	14°40	n.a.
W 11	3 32 50	25°18'34	6 [♂] 33	12°55	4° 0	9°10	17°18	4°42	17°23	26°13	18°19	12°15	11°28	14°46	n.a.
T 12	3 36 46	26°19'26	18°32	14°31	5°15	9°55	17°30	4°39	17°21	26°11	18°21	12° 1	11°25	14°53	n.a.
F 13	3 40 43	27°20'16	0 [♁] 36	16° 7	6°30	10°39	17°42	4°36	17°19	26°10	18°22	11°48	11°22	15° 0	n.a.
S 14	3 44 39	28°21'04	12°47	17°45	7°45	11°23	17°54	4°33	17°18	26° 8	18°24	11°38	11°19	15° 7	n.a.
S 15	3 48 36	29°21'51	25° 8	19°23	9° 0	12° 7	18° 6	4°30	17°16	26° 7	18°26	11°30	11°16	15°13	n.a.
M 16	3 52 32	0 [♂] 22'36	7 [♁] 41	21° 2	10°15	12°52	18°18	4°26	17°14	26° 6	18°28	11°26	11°12	15°20	n.a.
T 17	3 56 29	1°23'18	20°30	22°41	11°30	13°36	18°30	4°23	17°13	26° 4	18°30	11°24	11° 9	15°27	n.a.
W 18	4 0 26	2°23'59	3 [♂] 38	24°22	12°45	14°20	18°42	4°19	17°11	26° 3	18°31	11°24	11° 6	15°33	n.a.
T 19	4 4 22	3°24'38	17° 9	26° 3	13°59	15° 4	18°54	4°15	17° 9	26° 1	18°33	11°24	11° 3	15°40	n.a.
F 20	4 8 19	4°25'15	1°V 5	27°45	15°14	15°48	19° 5	4°12	17° 8	26° 0	18°35	11°23	11° 0	15°47	n.a.
S 21	4 12 15	5°25'49	15°28	29°28	16°29	16°32	19°17	4° 8	17° 6	25°58	18°36	11°20	10°57	15°54	n.a.
S 22	4 16 12	6°26'22	0 [♁] 16	1 [♂] 12	17°44	17°16	19°29	4° 4	17° 5	25°57	18°38	11°14	10°53	16° 0	n.a.
M 23	4 20 8	7°26'52	15°21	2°57	18°58	17°59	19°40	4° 0	17° 3	25°55	18°40	11° 5	10°50	16° 7	n.a.
T 24	4 24 5	8°27'21	0 ^{II} 37	4°42	20°13	18°43	19°51	3°56	17° 2	25°53	18°41	10°54	10°47	16°14	n.a.
W 25	4 28 1	9°27'48	15°52	6°29	21°28	19°27	20° 3	3°52	17° 1	25°52	18°43	10°43	10°44	16°20	n.a.
T 26	4 31 58	10°28'13	0 [♁] 54	8°16	22°42	20°11	20°14	3°48	17° 0	25°50	18°44	10°31	10°41	16°27	n.a.
F 27	4 35 55	11°28'36	15°35	10° 4	23°57	20°55	20°25	3°44	16°58	25°49	18°46	10°22	10°38	16°34	n.a.
S 28	4 39 51	12°28'57	29°48	11°54	25°12	21°38	20°36	3°40	16°57	25°47	18°47	10°15	10°34	16°41	n.a.
S 29	4 43 48	13°29'16	13 ^Ω 30	13°44	26°26	22°22	20°47	3°36	16°56	25°45	18°49	10°10	10°31	16°47	n.a.
M 30	4 47 44	14°29'34	26°43	15°35	27°41	23° 5	20°57	3°31	16°55	25°44	18°50	10° 8	10°28	16°54	n.a.
T 31	4 51 41	15 [♂] 29'50	9 [♁] 30	17 [♂] 26	28 [♂] 55	23 [♁] 49	21 ^Ω 8	3 [♁] 27	16°V54	25 ^{II} 42	18 ^Ω 52	10 [♁] 8	10 [♁] 25	17 [♁] 1	n.a.

Delta T = 23h16m05s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [6.2.2007]