

SWISS EPHEMERIS for the year 1479 BCE

JANUARY 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	5 47 47	28 [♌] 42'14	10 [♋] 52	15 [♋] 12	29 [♋] 49	18 [♌] 24	29 [♌] 0	27 [♌] 16	5 [♍] R58	7 [♍] L59	11 [♍] R10	16 [♍] R28	15 [♎] II59	2 [♎] M47	n.a.
S 2	5 51 44	29 [♌] 42'53	24 [♋] 53	16 [♋] 42	1 [♌] 2	19 [♌] 11	29 [♌] 14	27 [♌] 22	5 [♍] L56	8 [♍] 1	11 [♍] 9	16 [♍] II27	15 [♎] 56	2 [♎] 54	n.a.
S 3	5 55 40	0 [♍] 43'31	8 [♌] 32	18 [♌] 7	2 [♍] 15	19 [♍] 58	29 [♍] 28	27 [♍] 27	5 [♎] 54	8 [♎] 2	11 [♎] 9	16 [♎] 25	15 [♏] 53	3 [♏] 0	n.a.
M 4	5 59 37	1 [♍] 44'07	21 [♌] 48	19 [♌] 28	3 [♍] 29	20 [♍] 46	29 [♍] 43	27 [♍] 32	5 [♎] 52	8 [♎] 4	11 [♎] 9	16 [♎] 23	15 [♏] 50	3 [♏] 7	n.a.
T 5	6 3 33	2 [♍] 44'42	4 [♍] 40	20 [♌] 43	4 [♍] 42	21 [♍] 33	29 [♍] 57	27 [♍] 38	5 [♎] 50	8 [♎] 5	11 [♎] 9	16 [♎] 21	15 [♏] 46	3 [♏] 14	n.a.
W 6	6 7 30	3 [♍] 45'15	17 [♍] 11	21 [♌] 52	5 [♍] 55	22 [♍] 20	0 [♎] 11	27 [♍] 43	5 [♎] 48	8 [♎] 7	11 [♎] 8	16 [♎] 19	15 [♏] 43	3 [♏] 21	n.a.
T 7	6 11 26	4 [♍] 45'47	29 [♍] 24	22 [♌] 54	7 [♍] 9	23 [♍] 7	0 [♎] 26	27 [♍] 49	5 [♎] 46	8 [♎] 8	11 [♎] 8	16 [♎] D18	15 [♏] 40	3 [♏] 27	n.a.
F 8	6 15 23	5 [♍] 46'17	11 [♎] 25	23 [♌] 48	8 [♍] 22	23 [♍] 54	0 [♎] 40	27 [♍] 55	5 [♎] 44	8 [♎] 10	11 [♎] 7	16 [♎] 18	15 [♏] 37	3 [♏] 34	n.a.
S 9	6 19 20	6 [♍] 46'45	23 [♌] 18	24 [♌] 34	9 [♍] 35	24 [♍] 42	0 [♎] 54	28 [♍] 1	5 [♎] 41	8 [♎] 11	11 [♎] 7	16 [♎] 19	15 [♏] 34	3 [♏] 41	n.a.
S 10	6 23 16	7 [♍] 47'13	5 [♎] L7	25 [♌] 11	10 [♍] 48	25 [♍] 29	1 [♎] 8	28 [♍] 7	5 [♎] 39	8 [♎] 12	11 [♎] 7	16 [♎] 20	15 [♏] 31	3 [♏] 47	n.a.
M 11	6 27 13	8 [♍] 47'38	16 [♎] 58	25 [♌] 39	12 [♍] 1	26 [♍] 16	1 [♎] 23	28 [♍] 13	5 [♎] 37	8 [♎] 14	11 [♎] 6	16 [♎] 22	15 [♏] 27	3 [♏] 54	n.a.
T 12	6 31 9	9 [♍] 48'02	28 [♎] 54	25 [♌] 57	13 [♍] 14	27 [♍] 3	1 [♎] 37	28 [♍] 19	5 [♎] 35	8 [♎] 15	11 [♎] 5	16 [♎] 24	15 [♏] 24	4 [♏] 1	n.a.
W 13	6 35 6	10 [♍] 48'24	11 [♎] ♂7	26 [♌] R5	14 [♍] 26	27 [♍] 50	1 [♎] 51	28 [♍] 25	5 [♎] 33	8 [♎] 16	11 [♎] 5	16 [♎] R25	15 [♏] 21	4 [♏] 7	n.a.
T 14	6 39 2	11 [♍] 48'45	23 [♌] 18	26 [♍] 4	15 [♍] 39	28 [♍] 38	2 [♎] 5	28 [♍] 31	5 [♎] 30	8 [♎] 18	11 [♎] 4	16 [♎] 25	15 [♏] 18	4 [♏] 14	n.a.
F 15	6 42 59	12 [♍] 49'03	5 [♎] ♂51	25 [♌] 52	16 [♍] 52	29 [♍] 25	2 [♎] 20	28 [♍] 37	5 [♎] 28	8 [♎] 19	11 [♎] 4	16 [♎] 23	15 [♏] 15	4 [♏] 21	n.a.
S 16	6 46 55	13 [♍] 49'20	18 [♎] 38	25 [♌] 31	18 [♍] 4	0 [♎] ♂12	2 [♎] 34	28 [♍] 43	5 [♎] 26	8 [♎] 20	11 [♎] 3	16 [♎] 21	15 [♏] 12	4 [♏] 27	n.a.
S 17	6 50 52	14 [♍] 49'35	1 [♎] 42	25 [♌] 1	19 [♍] 17	0 [♎] 59	2 [♎] 48	28 [♍] 50	5 [♎] 23	8 [♎] 21	11 [♎] 2	16 [♎] 17	15 [♏] 8	4 [♏] 34	n.a.
M 18	6 54 49	15 [♍] 49'48	14 [♎] 59	24 [♌] 22	20 [♍] 30	1 [♎] 46	3 [♎] 2	28 [♍] 56	5 [♎] 21	8 [♎] 22	11 [♎] 2	16 [♎] 12	15 [♏] 5	4 [♏] 41	n.a.
T 19	6 58 45	16 [♍] 49'58	28 [♎] 30	23 [♌] 37	21 [♍] 42	2 [♎] 33	3 [♎] 16	29 [♍] 2	5 [♎] 18	8 [♎] 23	11 [♎] 1	16 [♎] 7	15 [♏] 2	4 [♏] 47	n.a.
W 20	7 2 42	17 [♍] 50'06	12 [♎] ♂13	22 [♌] 45	22 [♍] 54	3 [♎] 21	3 [♎] 30	29 [♍] 9	5 [♎] 16	8 [♎] 25	11 [♎] 0	16 [♎] 2	14 [♏] 59	4 [♏] 54	n.a.
T 21	7 6 38	18 [♍] 50'12	26 [♍] 5	21 [♌] 49	24 [♍] 7	4 [♎] 8	3 [♎] 44	29 [♍] 15	5 [♎] 13	8 [♎] 26	10 [♎] 59	15 [♏] 59	14 [♏] 56	5 [♏] 1	n.a.
F 22	7 10 35	19 [♍] 50'16	10 [♎] ♂7	20 [♌] 49	25 [♍] 19	4 [♎] 55	3 [♎] 58	29 [♍] 22	5 [♎] 11	8 [♎] 27	10 [♎] 58	15 [♏] 57	14 [♏] 52	5 [♏] 7	n.a.
S 23	7 14 31	20 [♍] 50'17	24 [♎] 11	19 [♌] 47	26 [♍] 31	5 [♎] 42	4 [♎] 12	29 [♍] 29	5 [♎] 8	8 [♎] 28	10 [♎] 57	15 [♏] D57	14 [♏] 49	5 [♏] 14	n.a.
S 24	7 18 28	21 [♍] 50'16	8 [♎] ♂22	18 [♌] 46	27 [♍] 43	6 [♎] 29	4 [♎] 26	29 [♍] 35	5 [♎] 6	8 [♎] 29	10 [♎] 56	15 [♏] 58	14 [♏] 46	5 [♏] 21	n.a.
M 25	7 22 24	22 [♍] 50'13	22 [♎] 37	17 [♌] 45	28 [♍] 55	7 [♎] 16	4 [♎] 40	29 [♍] 42	5 [♎] 3	8 [♎] 29	10 [♎] 56	15 [♏] 59	14 [♏] 43	5 [♏] 27	n.a.
T 26	7 26 21	23 [♍] 50'07	6 [♎] II52	16 [♌] 46	0 [♎] ♂7	8 [♎] 3	4 [♎] 54	29 [♍] 49	5 [♎] 1	8 [♎] 30	10 [♎] 55	16 [♏] 0	14 [♏] 40	5 [♏] 34	n.a.
W 27	7 30 18	24 [♍] 49'59	21 [♍] 5	15 [♌] 51	1 [♎] 18	8 [♎] 50	5 [♎] 8	29 [♍] 56	4 [♎] 58	8 [♎] 31	10 [♎] 54	16 [♏] R1	14 [♏] 37	5 [♏] 41	n.a.
T 28	7 34 14	25 [♍] 49'48	5 [♎] ♂13	15 [♌] 1	2 [♎] 30	9 [♎] 37	5 [♎] 22	0 [♎] ♂3	4 [♎] 56	8 [♎] 32	10 [♎] 53	15 [♏] 59	14 [♏] 33	5 [♏] 47	n.a.
F 29	7 38 11	26 [♍] 49'36	19 [♎] 11	14 [♌] 15	3 [♎] 41	10 [♎] 24	5 [♎] 36	0 [♎] 10	4 [♎] 53	8 [♎] 33	10 [♎] 51	15 [♏] 56	14 [♏] 30	5 [♏] 54	n.a.
S 30	7 42 7	27 [♍] 49'21	2 [♎] ♂57	13 [♌] 36	4 [♎] 53	11 [♎] 12	5 [♎] 50	0 [♎] 17	4 [♎] 51	8 [♎] 34	10 [♎] 50	15 [♏] 50	14 [♏] 27	6 [♏] 1	n.a.
S 31	7 46 4	28 [♍] 49'04	16 [♎] ♂26	13 [♌] ♂2	6 [♎] ♂4	11 [♎] ♂59	6 [♎] ♂3	0 [♎] ♂24	4 [♎] ♂48	8 [♎] ♂34	10 [♎] ♂49	15 [♏] ♂43	14 [♏] ♂24	6 [♎] ♂8	n.a.

Delta T = 09h57m09s Julian Calendar 1 Jan. 1479 BCE == Greg. Calendar 19 Dec. 1480 BCE

The year -1478 astronomical counting style corresponds to year 1479 B.C.E historical counting style.

FEBRUARY 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	7 50 0	29 [♍] 48'45	29 [♎] 36	12 [♌] R35	7 [♍] 15	12 [♍] 46	6 [♎] 17	0 [♎] ♂31	4 [♎] R45	8 [♎] L35	10 [♎] R48	15 [♏] R35	14 [♏] II21	6 [♏] L14	n.a.
T 2	7 53 57	0 [♎] 48'24	12 [♎] 27	12 [♌] 14	8 [♍] 27	13 [♍] 33	6 [♎] 31	0 [♎] 38	4 [♎] L43	8 [♎] 36	10 [♎] 47	15 [♏] II28	14 [♏] 17	6 [♏] 21	n.a.
W 3	7 57 53	1 [♎] 48'00	24 [♎] 59	12 [♌] 0	9 [♍] 38	14 [♍] 20	6 [♎] 44	0 [♎] 45	4 [♎] 40	8 [♎] 36	10 [♎] 46	15 [♏] 21	14 [♏] 14	6 [♏] 28	n.a.
T 4	8 1 50	2 [♎] 47'35	7 [♎] 14	11 [♌] 52	10 [♍] 49	15 [♍] 6	6 [♎] 58	0 [♎] 52	4 [♎] 38	8 [♎] 37	10 [♎] 45	15 [♏] 16	14 [♏] 11	6 [♏] 34	n.a.
F 5	8 5 47	3 [♎] 47'08	19 [♎] 16	11 [♌] D50	11 [♍] 59	15 [♍] 53	7 [♎] 12	0 [♎] 59	4 [♎] 35	8 [♎] 38	10 [♎] 43	15 [♏] 12	14 [♏] 8	6 [♏] 41	n.a.
S 6	8 9 43	4 [♎] 46'39	1 [♎] L9	11 [♌] 54	13 [♍] 10	16 [♍] 40	7 [♎] 25	1 [♎] 7	4 [♎] 32	8 [♎] 38	10 [♎] 42	15 [♏] D11	14 [♏] 5	6 [♏] 48	n.a.
S 7	8 13 40	5 [♎] 46'08	12 [♎] 59	12 [♌] 4	14 [♍] 21	17 [♍] 27	7 [♎] 39	1 [♎] 14	4 [♎] 30	8 [♎] 39	10 [♎] 41	15 [♏] 11	14 [♏] 2	6 [♏] 54	n.a.
M 8	8 17 36	6 [♎] 45'35	24 [♎] 50	12 [♌] 20	15 [♍] 31	18 [♍] 14	7 [♎] 52	1 [♎] 21	4 [♎] 27	8 [♎] 39	10 [♎] 39	15 [♏] 12	13 [♏] 58	7 [♏] 1	n.a.
T 9	8 21 33	7 [♎] 45'00	6 [♎] ♂48	12 [♌] 40	16 [♍] 42	19 [♍] 1	8 [♎] 5	1 [♎] 29	4 [♎] 24	8 [♎] 40	10 [♎] 38	15 [♏] 13	13 [♏] 55	7 [♏] 8	n.a.
W 10	8 25 29	8 [♎] 44'24	18 [♎] 57	13 [♌] 6	17 [♍] 52	19 [♍] 48	8 [♎] 19	1 [♎] 36	4 [♎] 22	8 [♎] 40	10 [♎] 37	15 [♏] R13	13 [♏] 52	7 [♏] 14	n.a.
T 11	8 29 26	9 [♎] 43'45	1 [♎] ♂23	13 [♌] 36	19 [♍] 2	20 [♍] 35	8 [♎] 32	1 [♎] 43	4 [♎] 19	8 [♎] 40	10 [♎] 35	15 [♏] 12	13 [♏] 49	7 [♏] 21	n.a.
F 12	8 33 22	10 [♎] 43'04	14 [♎] 7	14 [♌] 10	20 [♍] 12	21 [♍] 21	8 [♎] 45	1 [♎] 51	4 [♎] 17	8 [♎] 41	10 [♎] 34	15 [♏] 8	13 [♏] 46	7 [♏] 28	n.a.
S 13	8 37 19	11 [♎] 42'22	27 [♎] 11	14 [♌] 48	21 [♍] 22	22 [♍] 8	8 [♎] 58	1 [♎] 58	4 [♎] 14	8 [♎] 41	10 [♎] 33	15 [♏] 2	13 [♏] 43	7 [♏] 34	n.a.
S 14	8 41 16	12 [♎] 41'37	10 [♎] ♂36	15 [♌] 31	22 [♍] 32	22 [♍] 55	9 [♎] 12	2 [♎] 6	4 [♎] 12	8 [♎] 41	10 [♎] 31	14 [♏] 54	13 [♏] 39	7 [♏] 41	n.a.
M 15	8 45 12	13 [♎] 40'50	24 [♎] 20	16 [♌] 16	23 [♍] 41	23 [♍] 42	9 [♎] 25	2 [♎] 13	4 [♎] 9	8 [♎] 42	10 [♎] 30	14 [♏] 44	13 [♏] 36	7 [♏] 48	n.a.
T 16	8 49 9	14 [♎] 40'00	8 [♎] ♂19	17 [♌] 6	24 [♍] 51	24 [♍] 28	9 [♎] 38	2 [♎] 21	4 [♎] 6	8 [♎] 42	10 [♎] 28	14 [♏] 34	13 [♏] 33	7 [♏] 54	

SWISS EPHEMERIS for the year 1479 BCE

MARCH 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
M 1	9 40 24	27 ²⁵ 25'37	7 ¹¹ 52	1 ²² 50	9 ¹⁷ 41	4 ²² 32	12 ²³ 21	4 ¹¹ 1	3 ¹⁰ R34	8 ¹⁰ R42	10 ¹⁰ R 8	13 ¹³ R26	12 ¹¹ 52	9 ¹¹ 21	n.a.
T 2	9 44 20	28 ²⁰ 24'15	2 ¹⁰ 32	3 ¹³	10 ¹⁰ 48	5 ¹⁹	12 ²³ 33	4 ⁹	3 ¹⁰ 32	8 ¹⁰ 41	10 ¹⁰ 6	13 ¹³ II 4	12 ¹² 49	9 ¹⁰ 28	n.a.
W 3	9 48 17	29 ²² 22'50	2 ¹⁰ 57	4 ¹³ 38	11 ¹⁵ 56	6 ⁵	12 ²⁴ 45	4 ¹⁶	3 ¹⁰ 30	8 ¹⁰ 41	10 ¹⁰ 5	13 ¹³ 2	12 ¹² 45	9 ¹⁰ 34	n.a.
T 4	9 52 14	0 ¹¹ 21'24	1 ¹⁵ 9	6 ⁴	13 ²	6 ⁵¹	12 ²⁵ 56	4 ²⁴	3 ¹⁰ 28	8 ¹⁰ 41	10 ¹⁰ 3	12 ¹² 53	12 ¹² 42	9 ¹⁰ 41	n.a.
F 5	9 56 10	1 ¹⁹ 19'55	2 ¹⁷ 9	7 ³³	14 ⁹	7 ³⁷	13 ⁸	4 ³²	3 ¹⁰ 25	8 ¹⁰ 40	10 ¹⁰ 1	12 ¹² 46	12 ¹² 39	9 ¹⁰ 48	n.a.
S 6	10 0 7	2 ¹⁸ 18'25	9 ¹¹ 2	9 ³	15 ¹⁶	8 ²³	13 ²⁰	4 ⁴⁰	3 ¹⁰ 23	8 ¹⁰ 40	10 ¹⁰ 0	12 ¹² 41	12 ¹² 36	9 ¹⁰ 54	n.a.
S 7	10 4 3	3 ¹⁶ 16'53	2 ¹⁰ 51	10 ³⁵	16 ²²	9 ⁹	13 ³²	4 ⁴⁸	3 ¹⁰ 21	8 ¹⁰ 40	9 ¹⁰ 58	12 ¹² 39	12 ¹² 33	10 ¹⁰ 1	n.a.
M 8	10 8 0	4 ¹⁵ 15'20	2 ¹⁰ 41	12 ⁹	17 ²⁸	9 ⁵⁵	13 ⁴³	4 ⁵⁵	3 ¹⁰ 19	8 ¹⁰ 39	9 ¹⁰ 56	12 ¹² D39	12 ¹² 29	10 ¹⁰ 8	n.a.
T 9	10 11 56	5 ¹³ 13'44	14 ³⁹	13 ⁴⁴	18 ³⁴	10 ⁴¹	13 ⁵⁵	5 ³	3 ¹⁰ 17	8 ¹⁰ 39	9 ¹⁰ 55	12 ¹² R39	12 ¹² 26	10 ¹⁰ 14	n.a.
W10	10 15 53	6 ¹² 12'07	26 ⁴⁹	15 ²¹	19 ⁴⁰	11 ²⁷	14 ⁶	5 ¹¹	3 ¹⁰ 15	8 ¹⁰ 38	9 ¹⁰ 53	12 ¹² 38	12 ¹² 23	10 ¹⁰ 21	n.a.
T 11	10 19 49	7 ¹⁰ 10'28	9 ¹⁸ 16	17 ⁰	20 ⁴⁵	12 ¹³	14 ¹⁷	5 ¹⁹	3 ¹⁰ 13	8 ¹⁰ 38	9 ¹⁰ 51	12 ¹² 36	12 ¹² 20	10 ¹⁰ 28	n.a.
F 12	10 23 46	8 ⁸ 8'48	2 ²² 5	18 ⁴⁰	21 ⁵⁰	12 ⁵⁹	14 ²⁸	5 ²⁷	3 ¹⁰ 11	8 ¹⁰ 37	9 ¹⁰ 50	12 ¹² 32	12 ¹² 17	10 ¹⁰ 34	n.a.
S 13	10 27 43	9 ⁷ 7'05	5 ²² 19	20 ²²	22 ⁵⁵	13 ⁴⁵	14 ³⁹	5 ³⁵	3 ¹⁰ 9	8 ¹⁰ 36	9 ¹⁰ 48	12 ¹² 25	12 ¹² 14	10 ¹⁰ 41	n.a.
S 14	10 31 39	10 ⁵ 5'21	18 ⁵⁸	22 ⁶	24 ⁰	14 ³¹	14 ⁵⁰	5 ⁴²	3 ¹⁰ 7	8 ¹⁰ 36	9 ¹⁰ 46	12 ¹² 15	12 ¹² 10	10 ¹⁰ 48	n.a.
M15	10 35 36	11 ³ 3'35	3 ¹¹ 1	23 ⁵¹	25 ⁵	15 ¹⁶	15 ¹	5 ⁵⁰	3 ¹⁰ 5	8 ¹⁰ 35	9 ¹⁰ 45	12 ¹² 4	12 ¹² 7	10 ¹⁰ 54	n.a.
T 16	10 39 32	12 ¹ 1'47	17 ²³	25 ³⁹	26 ⁹	16 ²	15 ¹²	5 ⁵⁸	3 ¹⁰ 3	8 ¹⁰ 34	9 ¹⁰ 43	11 ¹¹ 52	12 ¹² 4	11 ¹⁰ 1	n.a.
W17	10 43 29	12 ⁵⁹ 57	1 ¹⁷ 59	27 ²⁸	27 ¹³	16 ⁴⁸	15 ²³	6 ⁶	3 ¹⁰ 1	8 ¹⁰ 34	9 ¹⁰ 41	11 ¹¹ 41	12 ¹² 1	11 ¹⁰ 8	n.a.
T 18	10 47 25	13 ⁵⁸ 05	16 ³⁹	29 ¹⁸	28 ¹⁷	17 ³³	15 ³³	6 ¹³	2 ¹⁰ 59	8 ¹⁰ 33	9 ¹⁰ 39	11 ¹¹ 31	11 ¹¹ 58	11 ¹⁰ 14	n.a.
F 19	10 51 22	14 ⁵⁶ 11	1 ¹⁸ 19	1 ¹¹ 11	29 ²⁰	18 ¹⁹	15 ⁴⁴	6 ²¹	2 ¹⁰ 58	8 ¹⁰ 32	9 ¹⁰ 38	11 ¹¹ 25	11 ¹¹ 55	11 ¹⁰ 21	n.a.
S 20	10 55 18	15 ⁵⁴ 15	15 ⁵⁰	3 ⁵	0 ¹⁸ 24	19 ⁴	15 ⁵⁴	6 ²⁹	2 ¹⁰ 56	8 ¹⁰ 31	9 ¹⁰ 36	11 ¹¹ 21	11 ¹¹ 51	11 ¹⁰ 28	n.a.
S 21	10 59 15	16 ⁵² 17	0 ¹¹ 9	5 ⁰	1 ²⁷	19 ⁵⁰	16 ⁵	6 ³⁷	2 ¹⁰ 54	8 ¹⁰ 31	9 ¹⁰ 34	11 ¹¹ 19	11 ¹¹ 48	11 ¹⁰ 34	n.a.
M22	11 3 12	17 ⁵⁰ 17	14 ¹⁴	6 ⁵⁸	2 ²⁹	20 ³⁵	16 ¹⁵	6 ⁴⁴	2 ¹⁰ 53	8 ¹⁰ 30	9 ¹⁰ 33	11 ¹¹ 19	11 ¹¹ 45	11 ¹⁰ 41	n.a.
T 23	11 7 8	18 ⁴⁸ 15	28 ⁵	8 ⁵⁷	3 ³²	21 ²¹	16 ²⁵	6 ⁵²	2 ¹⁰ 51	8 ¹⁰ 29	9 ¹⁰ 31	11 ¹¹ 19	11 ¹¹ 42	11 ¹⁰ 48	n.a.
W24	11 11 5	19 ⁴⁶ 11	11 ¹⁸ 42	10 ⁵⁷	4 ³⁴	22 ⁶	16 ³⁵	7 ⁰	2 ¹⁰ 50	8 ¹⁰ 28	9 ¹⁰ 29	11 ¹¹ 18	11 ¹¹ 39	11 ¹⁰ 54	n.a.
T 25	11 15 1	20 ⁴⁴ 04	25 ⁶	13 ⁰	5 ³⁵	22 ⁵¹	16 ⁴⁵	7 ⁷	2 ¹⁰ 48	8 ¹⁰ 27	9 ¹⁰ 28	11 ¹¹ 14	11 ¹¹ 35	12 ¹² 1	n.a.
F 26	11 18 58	21 ⁴¹ 56	8 ¹⁸ 17	15 ³	6 ³⁷	23 ³⁶	16 ⁵⁴	7 ¹⁵	2 ¹⁰ 47	8 ¹⁰ 26	9 ¹⁰ 26	11 ¹¹ 8	11 ¹¹ 32	12 ¹² 8	n.a.
S 27	11 22 54	22 ³⁹ 46	21 ¹⁷	17 ⁹	7 ³⁸	24 ²²	17 ⁴	7 ²³	2 ¹⁰ 45	8 ¹⁰ 25	9 ¹⁰ 24	10 ¹⁰ 59	11 ¹¹ 29	12 ¹² 14	n.a.
S 28	11 26 51	23 ³⁷ 34	4 ¹¹ 6	19 ¹⁵	8 ³⁸	25 ⁷	17 ¹³	7 ³⁰	2 ¹⁰ 44	8 ¹⁰ 24	9 ¹⁰ 23	10 ¹⁰ 48	11 ¹¹ 26	12 ¹² 21	n.a.
M29	11 30 47	24 ³⁵ 21	16 ⁴³	21 ²³	9 ³⁹	25 ⁵²	17 ²³	7 ³⁸	2 ¹⁰ 43	8 ¹⁰ 23	9 ¹⁰ 21	10 ¹⁰ 35	11 ¹¹ 23	12 ¹² 28	n.a.
T 30	11 34 44	25 ³³ 05	29 ⁸	23 ³¹	10 ³⁸	26 ³⁷	17 ³²	7 ⁴⁶	2 ¹⁰ 41	8 ¹⁰ 22	9 ¹⁰ 20	10 ¹⁰ 22	11 ¹¹ 20	12 ¹² 34	n.a.
W31	11 38 41	26 ³⁰ 48	11 ¹⁸ 22	25 ¹¹ 41	11 ¹⁸ 38	27 ²²	17 ³¹	7 ⁵³	2 ¹⁰ 40	8 ¹⁰ 21	9 ¹⁰ 18	10 ¹⁰ 10	11 ¹¹ 16	12 ¹² 41	n.a.

Delta T = 09h57m05s Julian Calendar 1 March 1479 BCE == Greg. Calendar 16 Feb. 1479 BCE
 The year -1478 astronomical counting style corresponds to year 1479 B.C.E historical counting style.

APRIL 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	11 42 37	27 ²⁸ 28'30	23 ²² 27	27 ¹¹ 51	12 ¹⁸ 37	28 ²² 7	17 ³⁵ 50	8 ¹¹ 1	2 ¹⁰ R39	8 ¹⁰ R20	9 ¹⁰ R16	10 ¹⁰ R 1	11 ¹¹ 13	12 ¹² 48	n.a.
F 2	11 46 34	28 ²⁶ 10	5 ¹¹ 22	0 ¹⁷ 1	13 ³⁶	28 ⁵²	17 ⁵⁹	8 ⁸	2 ¹⁰ 38	8 ¹⁰ 19	9 ¹⁰ 15	9 ¹⁰ II 53	11 ¹¹ 10	12 ¹² 54	n.a.
S 3	11 50 30	29 ²³ 49	17 ¹²	2 ¹²	14 ³⁴	29 ³⁶	18 ⁸	8 ¹⁶	2 ¹⁰ 37	8 ¹⁰ 18	9 ¹⁰ 13	9 ¹⁰ 48	11 ¹¹ 7	13 ¹³ 1	n.a.
S 4	11 54 27	0 ¹⁷ 21'26	29 ⁰	4 ²²	15 ³²	0 ¹¹ 21	18 ¹⁷	8 ²³	2 ¹⁰ 36	8 ¹⁰ 16	9 ¹⁰ 12	9 ¹⁰ 46	11 ¹¹ 4	13 ¹³ 8	n.a.
M 5	11 58 23	1 ¹⁹ 03	10 ¹⁷ 50	6 ³²	16 ²⁹	1 ⁶	18 ²⁵	8 ³¹	2 ¹⁰ 35	8 ¹⁰ 15	9 ¹⁰ 10	9 ¹⁰ D46	11 ¹¹ 0	13 ¹³ 14	n.a.
T 6	12 2 20	2 ¹⁶ 16'38	22 ⁴⁶	8 ⁴¹	17 ²⁶	1 ⁵¹	18 ³³	8 ³⁸	2 ¹⁰ 34	8 ¹⁰ 14	9 ¹⁰ 9	9 ¹⁰ 46	10 ¹⁰ 57	13 ¹³ 21	n.a.
W 7	12 6 16	3 ¹⁴ 12	4 ¹⁸ 55	10 ⁴⁹	18 ²³	2 ³⁵	18 ⁴²	8 ⁴⁵	2 ¹⁰ 33	8 ¹⁰ 13	9 ¹⁰ 7	9 ¹⁰ R46	10 ¹⁰ 54	13 ¹³ 28	n.a.
T 8	12 10 13	4 ¹¹ 15	17 ²²	12 ⁵⁶	19 ¹⁹	3 ²⁰	18 ⁵⁰	8 ⁵³	2 ¹⁰ 32	8 ¹⁰ 12	9 ¹⁰ 6	9 ¹⁰ 45	10 ¹⁰ 51	13 ¹³ 34	n.a.
F 9	12 14 10	5 ⁹ 17	0 ¹⁸ 10	15 ²	20 ¹⁴	4 ⁴	18 ⁵⁸	9 ⁰	2 ¹⁰ 31	8 ¹⁰ 10	9 ¹⁰ 4	9 ¹⁰ 43	10 ¹⁰ 48	13 ¹³ 41	n.a.
S 10	12 18 6	6 ⁶ 48	13 ²⁵	17 ⁶	21 ⁹	4 ⁴⁹	19 ⁶	9 ⁷	2 ¹⁰ 31	8 ¹⁰ 9	9 ¹⁰ 3	9 ¹⁰ 38	10 ¹⁰ 45	13 ¹³ 48	n.a.
S 11	12 22 3	7 ⁴ 18	27 ⁸	19 ⁷	22 ⁴	5 ³³	19 ¹³	9 ¹⁴	2 ¹⁰ 30	8 ¹⁰ 8	9 ¹⁰ 1	9 ¹⁰ 31	10 ¹⁰ 41	13 ¹³ 54	n.a.
M12	12 25 59	8 ¹ 46	11 ¹¹ 18	21 ⁷	22 ⁵⁸	6 ¹⁷	19 ²¹	9 ²²	2 ¹⁰ 29	8 ¹⁰ 6	9 ¹⁰ 0	9 ¹⁰ 22	10 ¹⁰ 38	14 ¹⁴ 1	n.a.
T 13	12 29 56	8 ⁵⁹ 14	25 ⁵³	23 ⁴	23 ⁵¹	7 ²	19 ²⁸	9 ²⁹	2 ¹⁰ 29	8 ¹⁰ 5	8 ¹⁰ 58	9 ¹⁰ 13	10 ¹⁰ 35	14 ¹⁴ 8	n.a.
W14	12 33 52	9 ⁵⁶ 40	10 ¹⁷ 45	24 ⁵⁹	24 ⁴⁴	7 ⁴⁶	19 ³⁶	9 ³⁶	2 ¹⁰ 28	8 ¹⁰ 4	8 ¹⁰ 57	9 ¹⁰ 4	10 ¹⁰ 32	14 ¹⁴ 14	n.a.
T 15	12 37 49	10 ⁵⁴ 05	25 ⁴⁶	26 ⁵¹	25 ³⁶	8 ³⁰	19 ⁴³	9 ⁴³	2 ¹⁰ 28	8 ¹⁰ 2	8 ¹⁰ 56	8 ¹⁰ 57	10 ¹⁰ 29	14 ¹⁴ 21	n.a.
F 16	12 41 45	11 ⁵¹ 29	10 ¹⁸ 46	28 ⁴¹	26 ²⁷	9 ¹⁴	19 ⁵⁰	9 ⁵⁰	2 ¹⁰ 27	8 ¹⁰ 1	8 ¹⁰ 54	8 ¹⁰ 52	10 ¹⁰ 26	14 ¹⁴ 28	n.a.
S 17	12 45 42	12 ⁴⁸ 52	25 ³⁸	0 ¹⁸ 28	27 ¹⁸	9 ⁵⁸	19 ⁵⁶	9 ⁵⁷	2 ¹⁰ 27	8 ¹⁰ 0	8 ¹⁰ 53	8 ¹⁰ 49	10 ¹⁰ 22	14 ¹⁴ 34	n.a.
S 18	12 49 38	13 ⁴⁶ 14	10 ¹¹ 14	2 ¹²	28 ⁸	10 ⁴²	20 ³	10 ⁴	2 ¹⁰ 27	7 ⁵⁸	8 ¹⁰ 52	8 ¹⁰ D48	10 ¹⁰ 19	14 ¹⁴ 41	n.a.
M19	12 53 35	14 ⁴³ 34	24 ³¹	3 ⁵³	28 ⁵⁸	11 ²⁶	20 ¹⁰	10 ¹¹	2 ¹⁰ 26	7 ⁵⁷	8 ¹⁰ 50	8 ¹⁰ 49	10 ¹⁰ 16	14 ¹⁴ 48	n.a.
T 20	12 57 32	15 ⁴⁰ 53	8 ¹⁸ 27	5 ³²	29 ⁴⁶	12 ¹⁰	20 ¹⁶	10 ¹⁸	2 ¹⁰ 26	7 ⁵⁵	8 ¹⁰ 49	8 ¹⁰ 50	10 ¹⁰ 13	14	

SWISS EPHEMERIS for the year 1479 BCE

MAY 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	13 40 54	26°10'08	25♈46	20♉14	7♊43	20♋9	21♌15	11♍31	2♎28	7♏38	8♐37	7♑53	9♒38	16♓8	n.a.
S 2	13 44 50	27° 7'16	7♋34	21°15	8°20	20°52	21°20	11°37	2°28	7♌37	8♍36	7°D53	9°35	16°14	n.a.
M 3	13 48 47	28° 4'23	19°25	22°12	8°56	21°35	21°24	11°43	2°28	7°35	8°35	7♊53	9°31	16°21	n.a.
T 4	13 52 43	29° 1'30	1♌23	23° 6	9°31	22°18	21°28	11°49	2°29	7°34	8°34	7°55	9°28	16°27	n.a.
W 5	13 56 40	29°58'37	13°32	23°56	10° 4	23° 1	21°32	11°55	2°30	7°32	8°33	7°56	9°25	16°34	n.a.
T 6	14 0 36	08°55'43	25°58	24°42	10°36	23°44	21°36	12° 1	2°30	7°30	8°32	7°R57	9°22	16°41	n.a.
F 7	14 4 33	1°52'49	8♌44	25°25	11° 7	24°27	21°39	12° 7	2°31	7°29	8°31	7°57	9°19	16°47	n.a.
S 8	14 8 30	2°49'55	21°55	26° 3	11°36	25°10	21°43	12°13	2°32	7°27	8°30	7°56	9°16	16°54	n.a.
S 9	14 12 26	3°47'01	5♌34	26°38	12° 4	25°53	21°46	12°19	2°33	7°26	8°30	7°53	9°12	17° 1	n.a.
M10	14 16 23	4°44'07	19°41	27° 8	12°30	26°35	21°49	12°25	2°33	7°24	8°29	7°49	9° 9	17° 7	n.a.
T 11	14 20 19	5°41'13	4♍14	27°34	12°55	27°18	21°52	12°31	2°34	7°22	8°28	7°44	9° 6	17°14	n.a.
W12	14 24 16	6°38'18	19° 8	27°56	13°18	28° 0	21°54	12°37	2°35	7°21	8°27	7°40	9° 3	17°21	n.a.
T 13	14 28 12	7°35'23	4♎16	28°13	13°39	28°43	21°57	12°42	2°36	7°19	8°27	7°36	9° 0	17°27	n.a.
F 14	14 32 9	8°32'29	19°27	28°26	13°58	29°25	21°59	12°48	2°37	7°18	8°26	7°34	8°57	17°34	n.a.
S 15	14 36 5	9°29'34	4♏33	28°34	14°16	0♐8	22° 1	12°53	2°38	7°16	8°26	7°D33	8°53	17°41	n.a.
S 16	14 40 2	10°26'39	19°25	28°R38	14°32	0°50	22° 3	12°59	2°40	7°14	8°25	7°33	8°50	17°47	n.a.
M17	14 43 59	11°23'43	3♐56	28°37	14°45	1°32	22° 4	13° 4	2°41	7°13	8°24	7°34	8°47	17°54	n.a.
T 18	14 47 55	12°20'47	18° 4	28°32	14°57	2°14	22° 6	13° 9	2°42	7°11	8°24	7°36	8°44	18° 1	n.a.
W19	14 51 52	13°17'51	1♑46	28°22	15° 6	2°56	22° 7	13°14	2°43	7°10	8°23	7°37	8°41	18° 7	n.a.
T 20	14 55 48	14°14'54	15° 4	28° 7	15°14	3°38	22° 8	13°19	2°45	7° 8	8°23	7°R37	8°37	18°14	n.a.
F 21	14 59 45	15°11'58	28° 1	27°49	15°19	4°20	22° 9	13°25	2°46	7° 6	8°23	7°37	8°34	18°21	n.a.
S 22	15 3 41	16° 9'00	10♑39	27°27	15°22	5° 2	22°10	13°30	2°48	7° 5	8°22	7°35	8°31	18°27	n.a.
S 23	15 7 38	17° 6'03	23° 2	27° 1	15°R23	5°44	22°10	13°34	2°49	7° 3	8°22	7°33	8°28	18°34	n.a.
M24	15 11 34	18° 3'06	5♒12	26°32	15°21	6°26	22°11	13°39	2°51	7° 2	8°22	7°30	8°25	18°41	n.a.
T 25	15 15 31	19° 0'08	17°14	26° 0	15°17	7° 7	22°R11	13°44	2°52	7° 0	8°21	7°27	8°22	18°47	n.a.
W26	15 19 28	19°57'11	29° 8	25°25	15°11	7°49	22°11	13°49	2°54	6°58	8°21	7°24	8°18	18°54	n.a.
T 27	15 23 24	20°54'14	10♒58	24°49	15° 2	8°30	22°11	13°53	2°56	6°57	8°21	7°22	8°15	19° 1	n.a.
F 28	15 27 21	21°51'17	22°47	24°12	14°51	9°12	22°10	13°58	2°58	6°55	8°21	7°21	8°12	19° 7	n.a.
S 29	15 31 17	22°48'20	4♓35	23°34	14°37	9°53	22°10	14° 2	2°59	6°54	8°21	7°D20	8° 9	19°14	n.a.
S 30	15 35 14	23°45'24	16°27	22°56	14°21	10°35	22° 9	14° 6	3° 1	6°52	8°20	7°21	8° 6	19°21	n.a.
M31	15 39 10	24°42'28	28♓23	22♉19	14♊3	11♋16	22♌8	14♍11	3♎3	6♏51	8♐20	7♑21	8♒3	19♓27	n.a.

Delta T = 09h57m02s Julian Calendar 1 May 1479 BCE == Greg. Calendar 18 Apr. 1479 BCE
 The year -1478 astronomical counting style corresponds to year 1479 B.C.E historical counting style.

JUNE 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	15 43 7	25♉39'33	10♊27	21°R44	13°R42	11♋57	22°R 7	14♌15	3♍5	6°R49	8°R20	7♎22	7♏59	19♐34	n.a.
W 2	15 47 3	26°36'38	22°42	21♌10	13♎20	12°38	22°3 5	14°19	3° 7	6♎48	8°D20	7°23	7°56	19°40	n.a.
T 3	15 51 0	27°33'44	5♏12	20°39	12°55	13°19	22° 4	14°23	3° 9	6°46	8♏20	7°24	7°53	19°47	n.a.
F 4	15 54 57	28°30'51	17°59	20°11	12°28	14° 0	22° 2	14°27	3°11	6°45	8°20	7°25	7°50	19°54	n.a.
S 5	15 58 53	29°27'59	1♋7	19°47	12° 0	14°41	22° 0	14°31	3°13	6°43	8°21	7°R25	7°47	20° 0	n.a.
S 6	16 2 50	0♈25'07	14°40	19°27	11°29	15°22	21°58	14°34	3°15	6°42	8°21	7°25	7°43	20° 7	n.a.
M 7	16 6 46	1°22'17	28°37	19°12	10°58	16° 3	21°55	14°38	3°18	6°40	8°21	7°24	7°40	20°14	n.a.
T 8	16 10 43	2°19'27	12♋59	19° 2	10°24	16°43	21°53	14°42	3°20	6°39	8°21	7°24	7°37	20°20	n.a.
W 9	16 14 39	3°16'38	27°42	18°D56	9°50	17°24	21°50	14°45	3°22	6°38	8°21	7°23	7°34	20°27	n.a.
T 10	16 18 36	4°13'50	12♌41	18°57	9°15	18° 5	21°47	14°48	3°25	6°36	8°22	7°23	7°31	20°34	n.a.
F 11	16 22 32	5°11'03	27°49	19° 2	8°39	18°45	21°44	14°52	3°27	6°35	8°22	7°23	7°28	20°40	n.a.
S 12	16 26 29	6° 8'17	12♎57	19°14	8° 2	19°25	21°41	14°55	3°29	6°33	8°22	7°D23	7°24	20°47	n.a.
S 13	16 30 26	7° 5'31	27°54	19°31	7°25	20° 6	21°37	14°58	3°32	6°32	8°23	7°R23	7°21	20°54	n.a.
M14	16 34 22	8° 2'47	12♏34	19°54	6°48	20°46	21°34	15° 1	3°34	6°31	8°23	7°23	7°18	21° 0	n.a.
T 15	16 38 19	9° 0'03	26°52	20°23	6°11	21°26	21°30	15° 4	3°37	6°29	8°23	7°23	7°15	21° 7	n.a.
W16	16 42 15	9°57'20	10♑43	20°58	5°34	22° 6	21°26	15° 7	3°39	6°28	8°24	7°22	7°12	21°14	n.a.
T 17	16 46 12	10°54'37	24° 8	21°39	4°58	22°46	21°22	15° 9	3°42	6°27	8°24	7°22	7° 9	21°20	n.a.
F 18	16 50 8	11°51'55	7♐7	22°25	4°23	23°26	21°17	15°12	3°45	6°26	8°25	7°D22	7° 5	21°27	n.a.
S 19	16 54 5	12°49'13	19°45	23°18	3°49	24° 6	21°13	15°14	3°47	6°24	8°26	7°22	7° 2	21°34	n.a.
S 20	16 58 1	13°46'33	2♒5	24°15	3°16	24°46	21° 8	15°17	3°50	6°23	8°26	7°22	6°59	21°40	n.a.
M21	17 1 58	14°43'53	14°11	25°19	2°45	25°26	21° 3	15°19	3°53	6°22	8°27	7°23	6°56	21°47	n.a.
T 22	17 5 55	15°41'14	26° 6	26°28	2°15	26° 5	20°58	15°21	3°56	6°21	8°27	7°24	6°53	21°54	n.a.
W23	17 9 51	16°38'36	7♎57	27°42	1°47	26°45	20°53	15°23	3°59	6°20	8°28	7°25	6°49	22° 0	n.a.
T 24	17 13 48	17°35'59	19°45	29° 1	1°21	27°24	20°48	15°25	4° 1	6°19	8°29	7°25	6°46	22° 7	n.a.
F 25	17 17 44	18°33'23	1♋34	0♈25	0°56	28° 4	20°42	15°27	4° 4	6°17	8°30	7°R26	6°43	22°13	n.a.
S 26	17 21 41	19°30'48	13°26	1°54	0°34	28°43	20°37	15°29	4° 7	6°16	8°30	7°26	6°40	22°20	n.a.
S 27	17 25 37	20°28'15	25°25	3°28	0°15	29°22	20°31	15°31	4°10	6°15	8°31	7°25	6°37	22°27	n.a.
M28	17 29 34	21°25'42	7♓31	5° 6	29♉57	0♉2	20°25	15°32	4°13	6°14	8°32	7°24	6°34	22°33	n.a.
T 29	17 33 30	22°23'11	19°47	6°47	29°42	0°41	20°19	15°34	4°16	6°13	8°33	7°22	6°30	22°40	n.a.
W30	17 37 27	23°20'42	2♌15	8♊33	29♋29	1♌20	20°13	15°35	4°19	6°12	8♏34	7♑20	6♒27	22♓47	n.a.

Delta T = 09h57m00s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 1479 BCE

JULY 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	17 41 24	24II18'14	14≈56	10II21	29°R19	1859	20°R 7	15X36	4Ω23	6°R11	8η35	7°R18	6II24	22M53	n.a.
F 2	17 45 20	25°15'48	27°51	12°13	29811	2°37	203 0	15°37	4°26	6M10	8°36	7II15	6°21	23° 0	n.a.
S 3	17 49 17	26°13'23	11X 3	14° 7	29° 5	3°16	19°54	15°38	4°29	6°10	8°37	7°14	6°18	23° 7	n.a.
S 4	17 53 13	27°11'00	24°33	16° 3	29° 2	3°55	19°47	15°39	4°32	6° 9	8°38	7°D13	6°15	23°13	n.a.
M 5	17 57 10	28° 8'38	8Y22	18° 1	29°D 1	4°33	19°40	15°40	4°35	6° 8	8°39	7°14	6°11	23°20	n.a.
T 6	18 1 6	29° 6'19	22°30	20° 0	29° 3	5°12	19°33	15°41	4°38	6° 7	8°40	7°15	6° 8	23°27	n.a.
W 7	18 5 3	05 4'01	6856	22° 0	29° 6	5°50	19°26	15°42	4°42	6° 6	8°41	7°16	6° 5	23°33	n.a.
T 8	18 8 59	1° 1'45	21°37	24° 1	29°13	6°29	19°19	15°42	4°45	6° 5	8°43	7°17	6° 2	23°40	n.a.
F 9	18 12 56	1°59'31	6II27	26° 3	29°21	7° 7	19°12	15°42	4°48	6° 5	8°44	7°R18	5°59	23°47	n.a.
S 10	18 16 53	2°57'19	21°21	28° 4	29°31	7°45	19° 5	15°43	4°52	6° 4	8°45	7°17	5°55	23°53	n.a.
S 11	18 20 49	3°55'08	6511	05 5	29°44	8°23	18°57	15°43	4°55	6° 3	8°46	7°15	5°52	24° 0	n.a.
M12	18 24 46	4°52'59	20°48	2° 6	29°58	9° 1	18°50	15°R43	4°59	6° 3	8°48	7°12	5°49	24° 7	n.a.
T 13	18 28 42	5°50'52	5Ω 7	4° 7	0II14	9°39	18°43	15°43	5° 2	6° 2	8°49	7° 8	5°46	24°13	n.a.
W14	18 32 39	6°48'46	19° 2	6° 6	0°33	10°17	18°35	15°43	5° 5	6° 2	8°50	7° 4	5°43	24°20	n.a.
T 15	18 36 35	7°46'42	2η31	8° 5	0°53	10°55	18°27	15°43	5° 9	6° 1	8°52	7° 0	5°40	24°27	n.a.
F 16	18 40 32	8°44'38	15°35	10° 3	1°15	11°32	18°20	15°42	5°12	6° 0	8°53	6°57	5°36	24°33	n.a.
S 17	18 44 29	9°42'37	28°15	12° 0	1°38	12°10	18°12	15°42	5°16	6° 0	8°55	6°54	5°33	24°40	n.a.
S 18	18 48 25	10°40'37	10Δ35	13°55	2° 4	12°47	18° 4	15°41	5°19	5°59	8°56	6°D54	5°30	24°46	n.a.
M19	18 52 22	11°38'38	22°40	15°50	2°31	13°25	17°56	15°41	5°23	5°59	8°58	6°54	5°27	24°53	n.a.
T 20	18 56 18	12°36'41	4M35	17°43	2°59	14° 2	17°48	15°40	5°27	5°59	8°59	6°56	5°24	25° 0	n.a.
W21	19 0 15	13°34'46	16°24	19°36	3°29	14°39	17°41	15°39	5°30	5°58	9° 1	6°58	5°21	25° 6	n.a.
T 22	19 4 11	14°32'52	28°12	21°27	4° 0	15°16	17°33	15°38	5°34	5°58	9° 2	6°59	5°17	25°13	n.a.
F 23	19 8 8	15°31'00	10X 3	23°16	4°33	15°53	17°25	15°37	5°37	5°58	9° 4	6°R59	5°14	25°20	n.a.
S 24	19 12 4	16°29'10	22° 2	25° 5	5° 7	16°30	17°17	15°36	5°41	5°57	9° 6	6°58	5°11	25°26	n.a.
S 25	19 16 1	17°27'22	4310	26°52	5°43	17° 7	17° 9	15°34	5°45	5°57	9° 7	6°55	5° 8	25°33	n.a.
M26	19 19 58	18°25'35	16°30	28°38	6°20	17°43	17° 1	15°33	5°48	5°57	9° 9	6°50	5° 5	25°40	n.a.
T 27	19 23 54	19°23'51	29° 3	0Ω23	6°58	18°20	16°53	15°31	5°52	5°57	9°11	6°43	5° 1	25°46	n.a.
W28	19 27 51	20°22'08	11≈50	2° 7	7°37	18°56	16°45	15°30	5°56	5°56	9°13	6°36	4°58	25°53	n.a.
T 29	19 31 47	21°20'27	24°49	3°49	8°17	19°33	16°37	15°28	5°59	5°56	9°14	6°28	4°55	26° 0	n.a.
F 30	19 35 44	22°18'49	8X 2	5°30	8°58	20° 9	16°29	15°26	6° 3	5°56	9°16	6°21	4°52	26° 6	n.a.
S 31	19 39 40	23517'13	21X27	7Ω11	9II41	20845	16322	15X24	6Ω 7	5M56	9η18	6II16	4II49	26M13	n.a.

Delta T = 09h56m58s Julian Calendar 1 July 1479 BCE == Greg. Calendar 18 June 1479 BCE
 The year -1478 astronomical counting style corresponds to year 1479 B.C.E historical counting style.

AUGUST 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	19 43 37	24515'39	5Y 4	8Ω50	10II24	21821	16°R14	15°R22	6Ω11	5°D56	9η20	6°R12	4II46	26M20	n.a.
M 2	19 47 33	25°14'07	18°53	10°28	11° 9	21°57	163 6	15X20	6°14	5M56	9°22	6II10	4°42	26°26	n.a.
T 3	19 51 30	26°12'38	2853	12° 4	11°54	22°33	15°58	15°18	6°18	5°56	9°24	6°D10	4°39	26°33	n.a.
W 4	19 55 27	27°11'11	17° 3	13°40	12°40	23° 9	15°51	15°15	6°22	5°56	9°25	6°11	4°36	26°39	n.a.
T 5	19 59 23	28° 9'46	1II23	15°15	13°28	23°44	15°43	15°13	6°26	5°56	9°27	6°R12	4°33	26°46	n.a.
F 6	20 3 20	29° 8'24	15°50	16°48	14°16	24°20	15°36	15°11	6°29	5°57	9°29	6°12	4°30	26°53	n.a.
S 7	20 7 16	0Ω 7'05	0521	18°21	15° 4	24°55	15°28	15° 8	6°33	5°57	9°31	6° 9	4°27	26°59	n.a.
S 8	20 11 13	1° 5'47	14°49	19°52	15°54	25°30	15°21	15° 5	6°37	5°57	9°33	6° 5	4°23	27° 6	n.a.
M 9	20 15 9	2° 4'32	29°10	21°23	16°44	26° 6	15°14	15° 2	6°41	5°57	9°35	5°58	4°20	27°13	n.a.
T 10	20 19 6	3° 3'19	13Ω18	22°52	17°35	26°41	15° 6	14°59	6°45	5°57	9°37	5°49	4°17	27°19	n.a.
W11	20 23 2	4° 2'08	27° 6	24°20	18°27	27°16	14°59	14°57	6°48	5°58	9°39	5°39	4°14	27°26	n.a.
T 12	20 26 59	5° 0'59	10η33	25°47	19°19	27°50	14°52	14°53	6°52	5°58	9°42	5°29	4°11	27°33	n.a.
F 13	20 30 56	5°59'52	23°36	27°13	20°13	28°25	14°45	14°50	6°56	5°58	9°44	5°21	4° 7	27°39	n.a.
S 14	20 34 52	6°58'46	6Δ17	28°38	21° 6	29° 0	14°39	14°47	7° 0	5°59	9°46	5°14	4° 4	27°46	n.a.
S 15	20 38 49	7°57'43	18°38	0η 2	22° 0	29°34	14°32	14°44	7° 4	5°59	9°48	5°10	4° 1	27°53	n.a.
M16	20 42 45	8°56'42	0M44	1°24	22°55	0II 8	14°25	14°40	7° 7	6° 0	9°50	5° 8	3°58	27°59	n.a.
T 17	20 46 42	9°55'42	12°38	2°46	23°51	0°42	14°19	14°37	7°11	6° 0	9°52	5°D 8	3°55	28° 6	n.a.
W18	20 50 38	10°54'45	24°27	4° 6	24°47	1°16	14°13	14°33	7°15	6° 1	9°54	5° 8	3°52	28°13	n.a.
T 19	20 54 35	11°53'49	6X15	5°25	25°43	1°50	14° 6	14°30	7°19	6° 1	9°57	5°R 9	3°48	28°19	n.a.
F 20	20 58 31	12°52'56	18° 9	6°42	26°40	2°24	14° 0	14°26	7°23	6° 2	9°59	5° 8	3°45	28°26	n.a.
S 21	21 2 28	13°52'04	0312	7°58	27°38	2°57	13°54	14°22	7°26	6° 3	10° 1	5° 5	3°42	28°32	n.a.
S 22	21 6 25	14°51'15	12°29	9°13	28°36	3°31	13°49	14°18	7°30	6° 3	10° 3	5° 0	3°39	28°39	n.a.
M23	21 10 21	15°50'28	25° 2	10°26	29°35	4° 4	13°43	14°14	7°34	6° 4	10° 5	4°51	3°36	28°46	n.a.
T 24	21 14 18	16°49'42	7≈53	11°37	0534	4°37	13°38	14°10	7°38	6° 5	10° 8	4°41	3°32	28°52	n.a.
W25	21 18 14	17°48'59	21° 1	12°46	1°33	5°10	13°32	14° 6	7°42	6° 5	10°10	4°29	3°29	28°59	n.a.
T 26	21 22 11	18°48'18	4X25	13°54	2°33	5°43	13°27	14° 2	7°45	6° 6	10°12	4°17	3°26	29° 6	n.a.
F 27	21 26 7	19°47'39	18° 2	14°59	3°33	6°16	13°22	13°58	7°49	6° 7	10°15	4° 6	3°23	29°12	n.a.
S 28	21 30 4	20°47'03	1Y49	16° 2	4°34	6°49	13°17	13°54	7°53	6° 8	10°17	3°56	3°20	29°19	n.a.
S 29	21 34 0	21°46'29	15°44	17° 3	5°35	7°21	13°13	13°49	7°56	6° 9	10°19	3°49	3°17	29°26	n.a.
M30	21 37 57	22°45'57	29°44	18° 1	6°37	7°53	13° 8	13°45	8° 0	6°10	10°22	3°45	3°13	29°32	n.a.
T 31	21 41 54	23Ω45'28	13847	18η56	7539	8II25	133 4	13X41	8Ω 4	6M11	10η24	3II44	3II10	29M39	n.a.

Delta T = 09h56m56s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 1479 BCE

SEPTEMBER 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	21 45 50	24 ^h 45'01	27 ^h 52'	19 ^h 48'	8 ^h 41'	8 ^h 57'	13°R 0	13°R36	8 ^h 8'	6 ^h 12'	10 ^h 26'	3°R43	3 ^h 7'	29 ^h 46'	n.a.
T 2	21 49 47	25°44'37	11 ^h 59'	20°37'	9°44'	9°29'	12°56'	13°32'	8°11'	6°13'	10°29'	3 ^h 43'	3° 4	29°52'	n.a.
F 3	21 53 43	26°44'16	26° 5	21°21'	10°44'	10° 1	12°52'	13°27'	8°15'	6°14'	10°31'	3°42'	3° 1	29°59'	n.a.
S 4	21 57 40	27°43'57	10 ^h 51'	22° 2	11°50'	10°32'	12°49'	13°22'	8°19'	6°15'	10°33'	3°38'	2°58'	0 ^h 7' 6	n.a.
S 5	22 1 36	28°43'40	24°14'	22°38'	12°54'	11° 3	12°45'	13°18'	8°22'	6°16'	10°36'	3°32'	2°54'	0°12'	n.a.
M 6	22 5 33	29°43'26	8 ^h 9'	23° 9	13°58'	11°35'	12°42'	13°13'	8°26'	6°17'	10°38'	3°22'	2°51'	0°19'	n.a.
T 7	22 9 29	0 ^h 43'13	21°55'	23°34'	15° 2	12° 5	12°39'	13° 8	8°30'	6°18'	10°41'	3°10'	2°48'	0°25'	n.a.
W 8	22 13 26	1°43'03	5 ^h 26'	23°54'	16° 7	12°36'	12°36'	13° 4	8°33'	6°19'	10°43'	2°57'	2°45'	0°32'	n.a.
T 9	22 17 23	2°42'55	18°40'	24° 6	17°12'	13° 7	12°34'	12°59'	8°37'	6°21'	10°45'	2°44'	2°42'	0°39'	n.a.
F 10	22 21 19	3°42'49	1 ^h 35'	24°R12	18°17'	13°37'	12°31'	12°54'	8°40'	6°22'	10°48'	2°32'	2°38'	0°45'	n.a.
S 11	22 25 16	4°42'45	14°11'	24°10'	19°22'	14° 7	12°29'	12°49'	8°44'	6°23'	10°50'	2°23'	2°35'	0°52'	n.a.
S 12	22 29 12	5°42'43	26°30'	24° 0	20°28'	14°37'	12°27'	12°45'	8°47'	6°24'	10°53'	2°16'	2°32'	0°59'	n.a.
M13	22 33 9	6°42'43	8 ^h 34'	23°41'	21°34'	15° 7	12°25'	12°40'	8°51'	6°26'	10°55'	2°12'	2°29'	1° 5	n.a.
T 14	22 37 5	7°42'45	20°27'	23°13'	22°40'	15°36'	12°24'	12°35'	8°54'	6°27'	10°57'	2°10'	2°26'	1°12'	n.a.
W15	22 41 2	8°42'48	2 ^h 16'	22°36'	23°47'	16° 5	12°22'	12°30'	8°58'	6°29'	11° 0	2°10'	2°23'	1°19'	n.a.
T 16	22 44 58	9°42'54	14° 4	21°51'	24°53'	16°35'	12°21'	12°25'	9° 1	6°30'	11° 2	2°10'	2°19'	1°25'	n.a.
F 17	22 48 55	10°43'01	25°57'	20°56'	26° 0	17° 3	12°20'	12°20'	9° 4	6°31'	11° 5	2° 9	2°16'	1°32'	n.a.
S 18	22 52 52	11°43'10	8 ^h 2	19°54'	27° 7	17°32'	12°19'	12°15'	9° 8	6°33'	11° 7	2° 6	2°13'	1°39'	n.a.
S 19	22 56 48	12°43'20	20°23'	18°45'	28°15'	18° 0	12°19'	12°10'	9°11'	6°34'	11°10'	2° 1	2°10'	1°45'	n.a.
M20	23 0 45	13°43'33	3 ^h 3	17°31'	29°22'	18°29'	12°18'	12° 5	9°15'	6°36'	11°12'	1°53'	2° 7	1°52'	n.a.
T 21	23 4 41	14°43'47	16° 6	16°14'	0 ^h 30'	18°57'	12°D18	12° 1	9°18'	6°37'	11°14'	1°43'	2° 4	1°58'	n.a.
W22	23 8 38	15°44'03	29°30'	14°56'	1°38'	19°24'	12°18'	11°56'	9°21'	6°39'	11°17'	1°31'	2° 0	2° 5	n.a.
T 23	23 12 34	16°44'20	13 ^h 16'	13°40'	2°47'	19°52'	12°18'	11°51'	9°24'	6°41'	11°19'	1°19'	1°57'	2°12'	n.a.
F 24	23 16 31	17°44'40	27°18'	12°27'	3°55'	20°19'	12°19'	11°46'	9°28'	6°42'	11°22'	1° 8	1°54'	2°18'	n.a.
S 25	23 20 27	18°45'01	11 ^h 33'	11°21'	5° 4	20°46'	12°19'	11°41'	9°31'	6°44'	11°24'	0°58'	1°51'	2°25'	n.a.
S 26	23 24 24	19°45'25	25°54'	10°24'	6°13'	21°13'	12°20'	11°36'	9°34'	6°46'	11°27'	0°51'	1°48'	2°32'	n.a.
M27	23 28 21	20°45'50	10 ^h 17'	9°36'	7°22'	21°39'	12°21'	11°31'	9°37'	6°47'	11°29'	0°47'	1°44'	2°38'	n.a.
T 28	23 32 17	21°46'18	24°36'	8°59'	8°31'	22° 5	12°22'	11°27'	9°40'	6°49'	11°31'	0°D45	1°41'	2°45'	n.a.
W29	23 36 14	22°46'47	8 ^h 50'	8°33'	9°40'	22°31'	12°24'	11°22'	9°43'	6°51'	11°34'	0°45'	1°38'	2°52'	n.a.
T 30	23 40 10	23 ^h 47'19	22 ^h 56'	8 ^h 20'	10 ^h 50'	22 ^h 57'	12°25'	11 ^h 17'	9 ^h 46'	6 ^h 52'	11 ^h 36'	0°R46	1 ^h 35'	2 ^h 58'	n.a.

Delta T = 09h56m54s Julian Calendar 1 Sept. 1479 BCE == Greg. Calendar 19 Aug. 1479 BCE
 The year -1478 astronomical counting style corresponds to year 1479 B.C.E historical counting style.

OCTOBER 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	23 44 7	24 ^h 47'53	6 ^h 53'	8°D18	12 ^h 0'	23 ^h 22'	12°27'	11°R12	9 ^h 49'	6 ^h 54'	11 ^h 39'	0°R45	1 ^h 32'	3 ^h 5'	n.a.
S 2	23 48 3	25°48'29	20°43'	8 ^h 27'	13°10'	23°47'	12°29'	11 ^h 8'	9°52'	6°56'	11°41'	0 ^h 43'	1°29'	3°12'	n.a.
S 3	23 52 0	26°49'07	4 ^h 23'	8°46'	14°20'	24°12'	12°31'	11° 3	9°55'	6°58'	11°43'	0°37'	1°25'	3°18'	n.a.
M 4	23 55 56	27°49'46	17°53'	9°15'	15°30'	24°36'	12°34'	10°59'	9°58'	7° 0	11°46'	0°30'	1°22'	3°25'	n.a.
T 5	23 59 53	28°50'28	1 ^h 13'	9°52'	16°40'	25° 0	12°37'	10°54'	10° 1	7° 2	11°48'	0°20'	1°19'	3°32'	n.a.
W 6	0 3 50	29°51'11	14°20'	10°38'	17°51'	25°24'	12°39'	10°50'	10° 3	7° 3	11°50'	0° 8	1°16'	3°38'	n.a.
T 7	0 7 46	0 ^h 51'56	27°14'	11°30'	19° 2	25°48'	12°42'	10°45'	10° 6	7° 5	11°53'	29 ^h 57'	1°13'	3°45'	n.a.
F 8	0 11 43	1°52'42	9 ^h 54'	12°28'	20°12'	26°11'	12°46'	10°41'	10° 9	7° 7	11°55'	29°47'	1° 9	3°51'	n.a.
S 9	0 15 39	2°53'30	22°19'	13°32'	21°23'	26°34'	12°49'	10°36'	10°12'	7° 9	11°57'	29°39'	1° 6	3°58'	n.a.
S 10	0 19 36	3°54'19	4 ^h 31'	14°40'	22°34'	26°56'	12°53'	10°32'	10°14'	7°11'	12° 0	29°33'	1° 3	4° 5	n.a.
M11	0 23 32	4°55'10	16°31'	15°53'	23°46'	27°18'	12°56'	10°28'	10°17'	7°13'	12° 2	29°29'	1° 0	4°11'	n.a.
T 12	0 27 29	5°56'02	28°22'	17° 8	24°57'	27°40'	13° 0	10°24'	10°19'	7°15'	12° 4	29°D28	0°57'	4°18'	n.a.
W13	0 31 25	6°56'55	10 ^h 7'	18°27'	26° 8	28° 1	13° 5	10°19'	10°22'	7°17'	12° 6	29°29'	0°54'	4°25'	n.a.
T 14	0 35 22	7°57'50	21°56'	19°48'	27°20'	28°22'	13° 9	10°15'	10°24'	7°19'	12° 9	29°30'	0°50'	4°31'	n.a.
F 15	0 39 18	8°58'45	3 ^h 48'	21°11'	28°32'	28°43'	13°14'	10°11'	10°27'	7°21'	12°11'	29°R31	0°47'	4°38'	n.a.
S 16	0 43 15	9°59'42	15°51'	22°35'	29°43'	29° 3	13°18'	10° 8	10°29'	7°23'	12°13'	29°31'	0°44'	4°45'	n.a.
S 17	0 47 12	11° 0'39	28°10'	24° 2	0 ^h 55'	29°23'	13°23'	10° 4	10°32'	7°25'	12°15'	29°29'	0°41'	4°51'	n.a.
M18	0 51 8	12° 1'38	10 ^h 50'	25°29'	2° 7	29°42'	13°28'	10° 0	10°34'	7°27'	12°18'	29°26'	0°38'	4°58'	n.a.
T 19	0 55 5	13° 2'37	23°53'	26°58'	3°20'	0 ^h 51'	13°34'	9°56'	10°36'	7°30'	12°20'	29°20'	0°35'	5° 5	n.a.
W20	0 59 1	14° 3'37	7 ^h 23'	28°27'	4°32'	0°19'	13°39'	9°53'	10°38'	7°32'	12°22'	29°13'	0°31'	5°11'	n.a.
T 21	1 2 58	15° 4'38	21°19'	29°57'	5°44'	0°38'	13°45'	9°49'	10°40'	7°34'	12°24'	29° 5	0°28'	5°18'	n.a.
F 22	1 6 54	16° 5'40	5 ^h 38'	1 ^h 28'	6°56'	0°55'	13°50'	9°46'	10°43'	7°36'	12°26'	28°58'	0°25'	5°24'	n.a.
S 23	1 10 51	17° 6'44	20°15'	2°59'	8° 9	1°12'	13°56'	9°42'	10°45'	7°38'	12°28'	28°52'	0°22'	5°31'	n.a.
S 24	1 14 47	18° 7'48	5 ^h 2	4°30'	9°21'	1°29'	14° 3	9°39'	10°47'	7°40'	12°30'	28°48'	0°19'	5°38'	n.a.
M25	1 18 44	19° 8'53	19°52'	6° 2	10°34'	1°45'	14° 9	9°36'	10°49'	7°42'	12°32'	28°46'	0°15'	5°44'	n.a.
T 26	1 22 41	20°10'00	4 ^h 37'	7°34'	11°47'	2° 1	14°15'	9°33'	10°50'	7°45'	12°34'	28°D45	0°12'	5°51'	n.a.
W27	1 26 37	21°11'08	19°11'	9° 7	13° 0	2°16'	14°22'	9°30'	10°52'	7°47'	12°37'	28°47'	0° 9	5°58'	n.a.
T 28	1 30 34	22°12'17	3 ^h 31'	10°39'	14°13'	2°31'	14°29'	9°27'	10°54'	7°49'	12°39'	28°48'	0° 6	6° 4	n.a.
F 29	1 34 30	23°13'27	17°34'	12°12'	15°26'	2°45'	14°36'	9°24'	10°56'	7°51'	12°41'	28°R49	0° 3	6°11'	n.a.
S 30	1 38 27	24°14'38	1 ^h 20'	13°45'	16°39'	2°59'	14°43'	9°21'	10°58'	7°53'	12°42'	28°49'	0° 0	6°18'	n.a.
S 31	1 42 23	25°15'50	14 ^h 49'	15°18'	17 ^h 52'	3 ^h 52'	14°50'	9 ^h 19'	10 ^h 59'	7 ^h 56'	12 ^h 44'	28 ^h 47'	29 ^h 56'	6 ^h 24'	n.a.

Delta T = 09h56m52s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]

SWISS EPHEMERIS for the year 1479 BCE

NOVEMBER 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
M 1	1 46 20	26♁17'03	28♂ 3	16♁51	19♍ 5	3♁25	14♁58	9°R16	11♂ 1	7♍58	12♍46	28°R44	29♁53	6♁38	n.a.
T 2	1 50 16	27°18'18	11♍ 2	18°24	20°18	3°37	15° 5	9°K14	11° 3	8° 0	12°48	28♁40	29°50	6°38	n.a.
W 3	1 54 13	28°19'33	23°47	19°57	21°32	3°48	15°13	9°11	11° 4	8° 2	12°50	28°34	29°47	6°44	n.a.
T 4	1 58 10	29°20'48	6♁20	21°31	22°45	3°59	15°21	9° 9	11° 5	8° 5	12°52	28°29	29°44	6°51	n.a.
F 5	2 2 6	0♍22'05	18°42	23° 4	23°59	4° 9	15°29	9° 7	11° 7	8° 7	12°54	28°24	29°41	6°58	n.a.
S 6	2 6 3	1°23'22	0♍53	24°38	25°12	4°19	15°37	9° 5	11° 8	8° 9	12°56	28°20	29°37	7° 4	n.a.
S 7	2 9 59	2°24'39	12°55	26°12	26°26	4°28	15°46	9° 3	11°10	8°11	12°57	28°18	29°34	7°11	n.a.
M 8	2 13 56	3°25'57	24°49	27°45	27°40	4°36	15°54	9° 1	11°11	8°14	12°59	28°D17	29°31	7°17	n.a.
T 9	2 17 52	4°27'16	6♁38	29°19	28°53	4°44	16° 3	8°59	11°12	8°16	13° 1	28°17	29°28	7°24	n.a.
W10	2 21 49	5°28'34	18°24	0♍53	0♁ 7	4°51	16°12	8°58	11°13	8°18	13° 2	28°18	29°25	7°31	n.a.
T 11	2 25 45	6°29'53	0♁11	2°28	1°21	4°57	16°21	8°56	11°14	8°20	13° 4	28°20	29°21	7°37	n.a.
F 12	2 29 42	7°31'12	12° 3	4° 2	2°35	5° 3	16°30	8°55	11°15	8°23	13° 6	28°21	29°18	7°44	n.a.
S 13	2 33 39	8°32'31	24° 5	5°37	3°48	5° 8	16°39	8°54	11°16	8°25	13° 7	28°23	29°15	7°51	n.a.
S 14	2 37 35	9°33'49	6♁20	7°12	5° 2	5°12	16°48	8°53	11°17	8°27	13° 9	28°R24	29°12	7°57	n.a.
M15	2 41 32	10°35'08	18°54	8°47	6°16	5°16	16°58	8°51	11°18	8°29	13°11	28°23	29° 9	8° 4	n.a.
T 16	2 45 28	11°36'27	1♁51	10°22	7°30	5°19	17° 7	8°51	11°19	8°32	13°12	28°22	29° 6	8°11	n.a.
W17	2 49 25	12°37'45	15°15	11°58	8°44	5°21	17°17	8°50	11°19	8°34	13°14	28°21	29° 2	8°17	n.a.
T 18	2 53 21	13°39'03	29° 7	13°34	9°58	5°22	17°27	8°49	11°20	8°36	13°15	28°19	28°59	8°24	n.a.
F 19	2 57 18	14°40'21	13♀25	15°10	11°12	5°R23	17°37	8°48	11°21	8°39	13°16	28°17	28°56	8°31	n.a.
S 20	3 1 14	15°41'38	28° 8	16°46	12°26	5°23	17°47	8°48	11°21	8°41	13°18	28°15	28°53	8°37	n.a.
S 21	3 5 11	16°42'56	13♁ 8	18°23	13°41	5°22	17°57	8°48	11°22	8°43	13°19	28°14	28°50	8°44	n.a.
M22	3 9 8	17°44'13	28°16	20° 0	14°55	5°20	18° 7	8°47	11°22	8°45	13°21	28°D14	28°46	8°51	n.a.
T 23	3 13 4	18°45'30	13♁24	21°37	16° 9	5°18	18°18	8°47	11°23	8°48	13°22	28°14	28°43	8°57	n.a.
W24	3 17 1	19°46'48	28°23	23°15	17°23	5°15	18°28	8°D47	11°23	8°50	13°23	28°15	28°40	9° 4	n.a.
T 25	3 20 57	20°48'05	13♁ 5	24°53	18°38	5°11	18°39	8°47	11°23	8°52	13°24	28°15	28°37	9°10	n.a.
F 26	3 24 54	21°49'22	27°25	26°32	19°52	5° 6	18°50	8°47	11°23	8°54	13°26	28°16	28°34	9°17	n.a.
S 27	3 28 50	22°50'39	11♁21	28°11	21° 6	5° 0	19° 1	8°48	11°24	8°56	13°27	28°16	28°31	9°24	n.a.
S 28	3 32 47	23°51'56	24°53	29°50	22°20	4°54	19°12	8°48	11°24	8°59	13°28	28°R17	28°27	9°30	n.a.
M29	3 36 43	24°53'13	8♍ 2	1♁29	23°35	4°47	19°23	8°49	11°R24	9° 1	13°29	28°16	28°24	9°37	n.a.
T 30	3 40 40	25♍54'30	20♍51	3♁ 9	24♁49	4♁39	19♁34	8♁49	11♁24	9♍ 3	13♍30	28♁16	28♁21	9♁44	n.a.

Delta T = 09h56m50s Julian Calendar 1 Nov. 1479 BCE == Greg. Calendar 19 Oct. 1479 BCE
 The year -1478 astronomical counting style corresponds to year 1479 B.C.E historical counting style.

DECEMBER 1479 BCE (-1478) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
W 1	3 44 37	26♍55'46	3♁23	4♁49	26♁ 4	4°R30	19♁45	8°K50	11°R24	9♍ 5	13♍31	28°R16	28♁18	9♁50	n.a.
T 2	3 48 33	27°57'02	15°41	6°29	27°18	4♁20	19°57	8°51	11°D24	9° 7	13°32	28°D16	28°15	9°57	n.a.
F 3	3 52 30	28°58'18	27°48	8°10	28°32	4°10	20° 8	8°52	11°23	9°10	13°33	28♁16	28°12	10° 4	n.a.
S 4	3 56 26	29°59'34	9♍46	9°50	29°47	3°58	20°20	8°53	11°23	9°12	13°34	28°16	28° 8	10°10	n.a.
S 5	4 0 23	1♁ 0'48	21°39	11°31	1♍ 1	3°46	20°31	8°54	11°23	9°14	13°35	28°16	28° 5	10°17	n.a.
M 6	4 4 19	2° 2'03	3♁28	13°12	2°16	3°33	20°43	8°56	11°23	9°16	13°36	28°R16	28° 2	10°24	n.a.
T 7	4 8 16	3° 3'16	15°15	14°52	3°30	3°20	20°55	8°57	11°22	9°18	13°37	28°16	27°59	10°30	n.a.
W 8	4 12 12	4° 4'29	27° 3	16°33	4°45	3° 5	21° 7	8°59	11°22	9°20	13°38	28°15	27°56	10°37	n.a.
T 9	4 16 9	5° 5'41	8♁54	18°12	5°59	2°50	21°19	9° 1	11°21	9°22	13°38	28°15	27°52	10°44	n.a.
F 10	4 20 6	6° 6'51	20°50	19°52	7°14	2°34	21°31	9° 2	11°21	9°25	13°39	28°14	27°49	10°50	n.a.
S 11	4 24 2	7° 8'01	2♁55	21°30	8°28	2°18	21°43	9° 4	11°20	9°27	13°40	28°12	27°46	10°57	n.a.
S 12	4 27 59	8° 9'10	15°11	23° 7	9°43	2° 0	21°56	9° 6	11°19	9°29	13°40	28°11	27°43	11° 4	n.a.
M13	4 31 55	9°10'17	27°43	24°43	10°57	1°42	22° 8	9° 8	11°19	9°31	13°41	28°10	27°40	11°10	n.a.
T 14	4 35 52	10°11'23	10♁34	26°17	12°12	1°24	22°20	9°11	11°18	9°33	13°42	28°D10	27°37	11°17	n.a.
W15	4 39 48	11°12'28	23°48	27°49	13°26	1° 5	22°33	9°13	11°17	9°35	13°42	28°10	27°33	11°23	n.a.
T 16	4 43 45	12°13'31	7♀27	29°18	14°41	0°45	22°46	9°15	11°16	9°37	13°43	28°11	27°30	11°30	n.a.
F 17	4 47 41	13°14'33	21°32	0♁44	15°55	0°25	22°58	9°18	11°15	9°39	13°43	28°12	27°27	11°37	n.a.
S 18	4 51 38	14°15'33	6♁ 3	2° 6	17°10	0° 4	23°11	9°21	11°14	9°41	13°44	28°14	27°24	11°43	n.a.
S 19	4 55 35	15°16'33	20°57	3°23	18°24	29♁42	23°24	9°23	11°13	9°43	13°44	28°R14	27°21	11°50	n.a.
M20	4 59 31	16°17'31	6♁ 5	4°35	19°39	29°21	23°37	9°26	11°12	9°45	13°44	28°14	27°18	11°57	n.a.
T 21	5 3 28	17°18'27	21°21	5°42	20°53	28°59	23°50	9°29	11°11	9°46	13°45	28°13	27°14	12° 3	n.a.
W22	5 7 24	18°19'23	6♁33	6°41	22° 8	28°36	24° 3	9°32	11°10	9°48	13°45	28°11	27°11	12°10	n.a.
T 23	5 11 21	19°20'17	21°32	7°33	23°22	28°13	24°16	9°36	11° 8	9°50	13°45	28° 9	27° 8	12°17	n.a.
F 24	5 15 17	20°21'10	6♁10	8°17	24°37	27°50	24°29	9°39	11° 7	9°52	13°46	28° 6	27° 5	12°23	n.a.
S 25	5 19 14	21°22'02	20°22	8°51	25°51	27°27	24°42	9°42	11° 6	9°54	13°46	28° 3	27° 2	12°30	n.a.
S 26	5 23 11	22°22'53	4♍ 5	9°16	27° 6	27° 3	24°55	9°46	11° 4	9°56	13°46	28° 0	26°58	12°37	n.a.
M27	5 27 7	23°23'42	17°20	9°30	28°20	26°39	25° 8	9°49	11° 3	9°57	13°46	27°59	26°55	12°43	n.a.
T 28	5 31 4	24°24'31	0♁10	9°R34	29°35	26°15	25°22	9°53	11° 2	9°59	13°46	27°D59	26°52	12°50	n.a.
W29	5 35 0	25°25'18	12°38	9°26	0♁49	25°51	25°35	9°57	11° 0	10° 1	13°46	28° 0	26°49	12°57	n.a.
T 30	5 38 57	26°26'04	24°50	9° 8	2° 4	25°27	25°49	10° 1	10°58	10° 3	13°R46	28° 2	26°46	13° 3	n.a.
F 31	5 42 53	27♁26'48	6♍49	8♁39	3♁18	25♁ 3	26♁ 2	10♁ 5	10♁57	10♍ 4	13♍46	28♁ 4	26♁43	13♁10	n.a.

Delta T = 09h56m49s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]