

SWISS EPHEMERIS for the year 1381 BCE

JANUARY 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	5 48 48	28 [♌] 53'07	18 [♋] Ω56	6 [♋] 48	16 [♋] R27	15 [♋] 24	0 [♋] Υ52	16 [♋] R20	13 [♋] 16	13 [♋] R 9	25 [♋] 57	9 [♋] R16	10 [♋] 26	0 [♋] 751	n.a.								
T 2	5 52 44	29 [♌] 53'48	2 [♋] 28	8 [♋] 37	15 [♋] 37	16 [♋] 11	0 [♋] 57	16 [♋] 26	13 [♋] 17	13 [♋] II 7	25 [♋] 58	9 [♋] 14	10 [♋] 23	0 [♋] 58	n.a.								
W 3	5 56 41	0 [♌] 54'28	15 [♋] 31	10 [♋] 26	15 [♋] 32	16 [♋] 58	1 [♋] 2	16 [♋] 11	13 [♋] 19	13 [♋] 5	25 [♋] 59	9 [♋] D14	10 [♋] 20	1 [♋] 5	n.a.								
T 4	6 0 37	1 [♌] 55'06	28 [♋] 11	12 [♋] 15	15 [♋] 7	17 [♋] 45	1 [♋] 7	16 [♋] 7	13 [♋] 20	13 [♋] 4	26 [♋] 0	9 [♋] R15	10 [♋] 17	1 [♋] 11	n.a.								
F 5	6 4 34	2 [♌] 55'44	10 [♋] 30	14 [♋] 3	14 [♋] 45	18 [♋] 32	1 [♋] 12	16 [♋] 2	13 [♋] 21	13 [♋] 2	26 [♋] 1	9 [♋] 15	10 [♋] 13	1 [♋] 18	n.a.								
S 6	6 8 31	3 [♌] 56'19	22 [♋] 35	15 [♋] 51	14 [♋] 25	19 [♋] 19	1 [♋] 18	15 [♋] 58	13 [♋] 23	13 [♋] 1	26 [♋] 2	9 [♋] 13	10 [♋] 10	1 [♋] 25	n.a.								
S 7	6 12 27	4 [♌] 56'54	4 [♋] 31	17 [♋] 38	14 [♋] 8	20 [♋] 6	1 [♋] 24	15 [♋] 53	13 [♋] 24	12 [♋] 59	26 [♋] 2	9 [♋] 8	10 [♋] 7	1 [♋] 32	n.a.								
M 8	6 16 24	5 [♌] 57'27	16 [♋] 22	19 [♋] 24	13 [♋] 53	20 [♋] 53	1 [♋] 29	15 [♋] 48	13 [♋] 25	12 [♋] 58	26 [♋] 3	9 [♋] 1	10 [♋] 4	1 [♋] 38	n.a.								
T 9	6 20 20	6 [♌] 57'58	28 [♋] 12	21 [♋] 8	13 [♋] 40	21 [♋] 39	1 [♋] 35	15 [♋] 44	13 [♋] 26	12 [♋] 56	26 [♋] 4	8 [♋] 52	10 [♋] 1	1 [♋] 45	n.a.								
W10	6 24 17	7 [♌] 58'28	10 [♋] 7 5	22 [♋] 50	13 [♋] 30	22 [♋] 26	1 [♋] 42	15 [♋] 39	13 [♋] 27	12 [♋] 55	26 [♋] 5	8 [♋] 41	9 [♋] 58	1 [♋] 52	n.a.								
T 11	6 28 13	8 [♌] 58'56	22 [♋] 2	24 [♋] 29	13 [♋] 22	23 [♋] 13	1 [♋] 48	15 [♋] 34	13 [♋] 29	12 [♋] 53	26 [♋] 7	8 [♋] 29	9 [♋] 54	1 [♋] 59	n.a.								
F 12	6 32 10	9 [♌] 59'22	4 [♋] 2	26 [♋] 6	13 [♋] 17	23 [♋] 59	1 [♋] 55	15 [♋] 29	13 [♋] 30	12 [♋] 52	26 [♋] 8	8 [♋] 17	9 [♋] 51	2 [♋] 5	n.a.								
S 13	6 36 6	10 [♌] 59'47	16 [♋] 14	27 [♋] 39	13 [♋] 14	24 [♋] 46	2 [♋] 1	15 [♋] 25	13 [♋] 30	12 [♋] 50	26 [♋] 9	8 [♋] 6	9 [♋] 48	2 [♋] 12	n.a.								
S 14	6 40 3	12 [♌] 0'10	28 [♋] 33	29 [♋] 7	13 [♋] D14	25 [♋] 33	2 [♋] 8	15 [♋] 20	13 [♋] 31	12 [♋] 49	26 [♋] 10	7 [♋] 58	9 [♋] 45	2 [♋] 19	n.a.								
M15	6 44 0	13 [♌] 0'30	11 [♋] 0	0 [♋] 31	13 [♋] 16	26 [♋] 19	2 [♋] 15	15 [♋] 15	13 [♋] 32	12 [♋] 47	26 [♋] 11	7 [♋] 52	9 [♋] 42	2 [♋] 25	n.a.								
T 16	6 47 56	14 [♌] 0'49	23 [♋] 37	1 [♋] 50	13 [♋] 21	27 [♋] 6	2 [♋] 22	15 [♋] 10	13 [♋] 33	12 [♋] 46	26 [♋] 12	7 [♋] 48	9 [♋] 39	2 [♋] 32	n.a.								
W17	6 51 53	15 [♌] 1'05	6 [♋] 26	3 [♋] 2	13 [♋] 28	27 [♋] 53	2 [♋] 30	15 [♋] 5	13 [♋] 34	12 [♋] 45	26 [♋] 13	7 [♋] D47	9 [♋] 35	2 [♋] 39	n.a.								
T 18	6 55 49	16 [♌] 1'20	19 [♋] 29	4 [♋] 8	13 [♋] 37	28 [♋] 39	2 [♋] 37	15 [♋] 1	13 [♋] 34	12 [♋] 43	26 [♋] 14	7 [♋] 48	9 [♋] 32	2 [♋] 46	n.a.								
F 19	6 59 46	17 [♌] 1'32	2 [♋] Υ47	5 [♋] 6	13 [♋] 48	29 [♋] 26	2 [♋] 45	14 [♋] 56	13 [♋] 35	12 [♋] 42	26 [♋] 15	7 [♋] 49	9 [♋] 29	2 [♋] 52	n.a.								
S 20	7 3 42	18 [♌] 1'41	16 [♋] 24	5 [♋] 57	14 [♋] 1	0 [♋] 312	2 [♋] 53	14 [♋] 51	13 [♋] 36	12 [♋] 40	26 [♋] 17	7 [♋] R50	9 [♋] 26	2 [♋] 59	n.a.								
S 21	7 7 39	19 [♌] 1'49	0 [♋] 20	6 [♋] 39	14 [♋] 17	0 [♋] 58	3 [♋] 0	14 [♋] 46	13 [♋] 36	12 [♋] 39	26 [♋] 18	7 [♋] 49	9 [♋] 23	3 [♋] 6	n.a.								
M22	7 11 35	20 [♌] 1'54	14 [♋] 36	7 [♋] 13	14 [♋] 34	1 [♋] 45	3 [♋] 8	14 [♋] 41	13 [♋] 37	12 [♋] 38	26 [♋] 19	7 [♋] 46	9 [♋] 19	3 [♋] 12	n.a.								
T 23	7 15 32	21 [♌] 1'57	29 [♋] 9	7 [♋] 37	14 [♋] 54	2 [♋] 31	3 [♋] 17	14 [♋] 37	13 [♋] 37	12 [♋] 37	26 [♋] 20	7 [♋] 42	9 [♋] 16	3 [♋] 19	n.a.								
W24	7 19 29	22 [♌] 1'58	13 [♋] II56	7 [♋] 52	15 [♋] 15	3 [♋] 17	3 [♋] 25	14 [♋] 32	13 [♋] 37	12 [♋] 35	26 [♋] 21	7 [♋] 36	9 [♋] 13	3 [♋] 26	n.a.								
T 25	7 23 25	23 [♌] 1'56	28 [♋] 50	7 [♋] R58	15 [♋] 38	4 [♋] 4	3 [♋] 33	14 [♋] 27	13 [♋] 38	12 [♋] 34	26 [♋] 23	7 [♋] 29	9 [♋] 10	3 [♋] 33	n.a.								
F 26	7 27 22	24 [♌] 1'53	13 [♋] 241	7 [♋] 55	16 [♋] 3	4 [♋] 50	3 [♋] 42	14 [♋] 23	13 [♋] 38	12 [♋] 33	26 [♋] 24	7 [♋] 22	9 [♋] 7	3 [♋] 39	n.a.								
S 27	7 31 18	25 [♌] 1'47	28 [♋] 22	7 [♋] 43	16 [♋] 29	5 [♋] 36	3 [♋] 51	14 [♋] 18	13 [♋] 38	12 [♋] 32	26 [♋] 25	7 [♋] 16	9 [♋] 4	3 [♋] 46	n.a.								
S 28	7 35 15	26 [♌] 1'39	12 [♋] Ω46	7 [♋] 22	16 [♋] 57	6 [♋] 22	4 [♋] 0	14 [♋] 13	13 [♋] 38	12 [♋] 31	26 [♋] 26	7 [♋] 12	9 [♋] 0	3 [♋] 53	n.a.								
M29	7 39 11	27 [♌] 1'29	26 [♋] 46	6 [♋] 52	17 [♋] 27	7 [♋] 8	4 [♋] 9	14 [♋] 9	13 [♋] 38	12 [♋] 30	26 [♋] 28	7 [♋] 10	8 [♋] 57	4 [♋] 0	n.a.								
T 30	7 43 8	28 [♌] 1'16	10 [♋] 20	6 [♋] 16	17 [♋] 58	7 [♋] 54	4 [♋] 18	14 [♋] 4	13 [♋] R38	12 [♋] 28	26 [♋] 29	7 [♋] D 9	8 [♋] 54	4 [♋] 6	n.a.								
W31	7 47 5	29 [♌] 1'02	23 [♋] 29	5 [♋] 33	18 [♋] 31	8 [♋] 40	4 [♋] Υ27	13 [♋] 259	13 [♋] 38	12 [♋] II27	26 [♋] 30	7 [♋] 10	8 [♋] 51	4 [♋] 13	n.a.								

Delta T = 09h21m14s Julian Calendar 1 Jan. 1381 BCE == Greg. Calendar 20 Dec. 1382 BCE
 The year -1380 astronomical counting style corresponds to year 1381 B.C.E historical counting style.

FEBRUARY 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	7 51 1	0 [♌] 0'46	6 [♋] 14	4 [♋] R45	19 [♋] 5	9 [♋] 26	4 [♋] Υ36	13 [♋] R55	13 [♋] R38	12 [♋] R26	26 [♋] 32	7 [♋] 12	8 [♋] 48	4 [♋] 20	n.a.								
F 2	7 54 58	1 [♌] 0'28	18 [♋] 39	3 [♋] 53	19 [♋] 41	10 [♋] 12	4 [♋] 46	13 [♋] 250	13 [♋] 38	12 [♋] II25	26 [♋] 33	7 [♋] 13	8 [♋] 45	4 [♋] 26	n.a.								
S 3	7 58 54	2 [♌] 0'09	0 [♋] 49	2 [♋] 58	20 [♋] 18	10 [♋] 58	4 [♋] 55	13 [♋] 46	13 [♋] 38	12 [♋] 24	26 [♋] 34	7 [♋] R14	8 [♋] 41	4 [♋] 33	n.a.								
S 4	8 2 51	2 [♌] 59'47	12 [♋] 47	2 [♋] 1	20 [♋] 55	11 [♋] 44	5 [♋] 5	13 [♋] 42	13 [♋] 38	12 [♋] 23	26 [♋] 36	7 [♋] 13	8 [♋] 38	4 [♋] 40	n.a.								
M 5	8 6 47	3 [♌] 59'24	24 [♋] 40	1 [♋] 4	21 [♋] 35	12 [♋] 30	5 [♋] 15	13 [♋] 37	13 [♋] 37	12 [♋] 22	26 [♋] 37	7 [♋] 11	8 [♋] 35	4 [♋] 47	n.a.								
T 6	8 10 44	4 [♌] 58'58	6 [♋] 32	0 [♋] 7	22 [♋] 15	13 [♋] 16	5 [♋] 25	13 [♋] 33	13 [♋] 37	12 [♋] 22	26 [♋] 38	7 [♋] 8	8 [♋] 32	4 [♋] 53	n.a.								
W 7	8 14 40	5 [♌] 58'31	18 [♋] 26	29 [♋] 13	22 [♋] 56	14 [♋] 1	5 [♋] 35	13 [♋] 29	13 [♋] 37	12 [♋] 21	26 [♋] 40	7 [♋] 3	8 [♋] 29	5 [♋] 0	n.a.								
T 8	8 18 37	6 [♌] 58'02	0 [♋] 27	28 [♋] 21	23 [♋] 39	14 [♋] 47	5 [♋] 45	13 [♋] 24	13 [♋] 36	12 [♋] 20	26 [♋] 41	6 [♋] 58	8 [♋] 25	5 [♋] 7	n.a.								
F 9	8 22 34	7 [♌] 57'31	12 [♋] 36	27 [♋] 34	24 [♋] 22	15 [♋] 33	5 [♋] 55	13 [♋] 20	13 [♋] 36	12 [♋] 19	26 [♋] 42	6 [♋] 53	8 [♋] 22	5 [♋] 14	n.a.								
S 10	8 26 30	8 [♌] 56'57	24 [♋] 56	26 [♋] 51	25 [♋] 7	16 [♋] 18	6 [♋] 5	13 [♋] 16	13 [♋] 35	12 [♋] 18	26 [♋] 44	6 [♋] 48	8 [♋] 19	5 [♋] 20	n.a.								
S 11	8 30 27	9 [♌] 56'22	7 [♋] 29	26 [♋] 13	25 [♋] 52	17 [♋] 4	6 [♋] 16	13 [♋] 12	13 [♋] 35	12 [♋] 18	26 [♋] 45	6 [♋] 44	8 [♋] 16	5 [♋] 27	n.a.								
M12	8 34 23	10 [♌] 55'44	20 [♋] 14	25 [♋] 40	26 [♋] 38	17 [♋] 49	6 [♋] 26	13 [♋] 8	13 [♋] 34	12 [♋] 17	26 [♋] 47	6 [♋] 42	8 [♋] 13	5 [♋] 34	n.a.								
T 13	8 38 20	11 [♌] 55'04	3 [♋] 11	25 [♋] 13	27 [♋] 25	18 [♋] 35	6 [♋] 37	13 [♋] 4	13 [♋] 33	12 [♋] 16	26 [♋] 48	6 [♋] D41	8 [♋] 10	5 [♋] 40	n.a.								
W14	8 42 16	12 [♌] 54'22	16 [♋] 21	24 [♋] 53	28 [♋] 13	19 [♋] 20	6 [♋] 48	13 [♋] 0	13 [♋] 32	12 [♋] 15	26 [♋] 49	6 [♋] 41	8 [♋] 6	5 [♋] 47	n.a.								
T 15	8 46 13	13 [♌] 53'37	29 [♋] 44	24 [♋] 38	29 [♋] 2	20 [♋] 6	6 [♋] 59	12 [♋] 57	13 [♋] 32	12 [♋] 15	26 [♋] 51	6 [♋] 42	8 [♋] 3	5 [♋] 54	n.a.								
F 16	8 50 9	14 [♌] 52'50	13 [♋] Υ19	24 [♋] 29	2																		

SWISS EPHEMERIS for the year 1381 BCE

MARCH 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
F 1	9 45 21	28 ³⁷ 37'41	26 ²⁹ 29	1 ³⁸ 4	12 ²⁶ 26	1 ¹¹ 21	9 ⁵¹ 51	12 ^{2R} 9	13 ¹⁴ R14	12 ⁹ R 9	27 ¹³ 13	6 ³⁸ 38	7 ¹⁶ 16	7 ³⁵ 35	n.a.								
S 2	9 49 18	29 ³⁶ '20	8 ⁴¹ 41	2 ⁰ 1	13 ²⁴ 24	2 ⁰ 5	10 ⁴ 4	12 ²⁶ 7	13 ¹² 12	12 ⁹ II 9	27 ¹⁴ 14	6 ³⁹ 39	7 ¹² 12	7 ⁴¹ 41	n.a.								
S 3	9 53 14	0 ³⁴ '58	20 ⁴² 42	3 ⁰ 1	14 ²² 22	2 ⁵⁰ 50	10 ¹⁶ 16	12 ⁴ 4	13 ¹¹ 11	12 ⁹ 9	27 ¹⁵ 15	6 ⁴⁰ 40	7 ⁹ 9	7 ⁴⁸ 48	n.a.								
M 4	9 57 11	1 ³³ '33	2 ³⁷ 37	4 ⁰ 3	15 ²¹ 21	3 ³⁴ 34	10 ²⁸ 28	12 ² 2	13 ⁹ 9	12 ⁹ 9	27 ¹⁷ 17	6 ^{R40} 40	7 ⁶ 6	7 ⁵⁵ 55	n.a.								
T 5	10 1 7	2 ³² '07	14 ³¹ 31	5 ⁰ 8	16 ²⁰ 20	4 ¹⁹ 19	10 ⁴⁰ 40	12 ⁰ 0	13 ⁸ 8	12 ⁹ D 9	27 ¹⁸ 18	6 ⁴⁰ 40	7 ³ 3	8 ² 2	n.a.								
W 6	10 5 4	3 ³⁰ '39	26 ²⁶ 26	6 ¹⁶ 16	17 ¹⁹ 19	5 ⁰ 3	10 ⁵³ 53	11 ⁵⁸ 58	13 ⁶ 6	12 ⁹ 9	27 ²⁰ 20	6 ³⁹ 39	7 ⁰ 0	8 ⁸ 8	n.a.								
T 7	10 9 1	4 ²⁹ '09	8 ²⁹ 29	7 ²⁶ 26	18 ¹⁹ 19	5 ⁴⁸ 48	11 ⁵ 5	11 ⁵⁶ 56	13 ⁴ 4	12 ⁹ 9	27 ²¹ 21	6 ³⁹ 39	6 ⁵⁷ 57	8 ¹⁵ 15	n.a.								
F 8	10 12 57	5 ²⁷ '37	20 ⁴³ 43	8 ³⁹ 39	19 ¹⁹ 19	6 ³² 32	11 ¹⁸ 18	11 ⁵⁴ 54	13 ² 2	12 ⁹ 9	27 ²³ 23	6 ³⁹ 39	6 ⁵³ 53	8 ²² 22	n.a.								
S 9	10 16 54	6 ²⁶ '04	3 ¹⁰ 10	9 ⁵⁴ 54	20 ¹⁹ 19	7 ¹⁶ 16	11 ³⁰ 30	11 ⁵² 52	13 ¹ 1	12 ⁹ 9	27 ²⁴ 24	6 ^{D39} 39	6 ⁵⁰ 50	8 ²⁹ 29	n.a.								
S 10	10 20 50	7 ²⁴ '28	15 ⁵⁴ 54	11 ¹¹ 11	21 ²⁰ 20	8 ⁰ 1	11 ⁴³ 43	11 ⁵⁰ 50	12 ⁵⁹ 59	12 ⁹ 9	27 ²⁶ 26	6 ³⁹ 39	6 ⁴⁷ 47	8 ³⁵ 35	n.a.								
M 11	10 24 47	8 ²² '51	28 ⁵⁶ 56	12 ³⁰ 30	22 ²¹ 21	8 ⁴⁵ 45	11 ⁵⁶ 56	11 ⁴⁹ 49	12 ⁵⁷ 57	12 ⁹ 9	27 ²⁷ 27	6 ³⁹ 39	6 ⁴⁴ 44	8 ⁴² 42	n.a.								
T 12	10 28 43	9 ²¹ '12	12 ¹⁵ 15	13 ⁵¹ 51	23 ²² 22	9 ²⁹ 29	12 ⁸ 8	11 ⁴⁷ 47	12 ⁵⁵ 55	12 ¹⁰ 10	27 ²⁸ 28	6 ^{R39} 39	6 ⁴¹ 41	8 ⁴⁹ 49	n.a.								
W 13	10 32 40	10 ¹⁹ '31	25 ⁵⁰ 50	15 ¹⁴ 14	24 ²⁴ 24	10 ¹³ 13	12 ²¹ 21	11 ⁴⁶ 46	12 ⁵³ 53	12 ¹⁰ 10	27 ³⁰ 30	6 ³⁹ 39	6 ³⁷ 37	8 ⁵⁵ 55	n.a.								
T 14	10 36 36	11 ¹⁷ '47	9 ³⁹ 39	16 ³⁹ 39	25 ²⁶ 26	10 ⁵⁷ 57	12 ³⁴ 34	11 ⁴⁵ 45	12 ⁵¹ 51	12 ¹⁰ 10	27 ³¹ 31	6 ³⁸ 38	6 ³⁴ 34	9 ² 2	n.a.								
F 15	10 40 33	12 ¹⁶ '02	23 ⁴⁰ 40	18 ⁶ 6	26 ²⁸ 28	11 ⁴¹ 41	12 ⁴⁷ 47	11 ⁴³ 43	12 ⁴⁹ 49	12 ¹⁰ 10	27 ³³ 33	6 ³⁸ 38	6 ³¹ 31	9 ⁹ 9	n.a.								
S 16	10 44 29	13 ¹⁴ '14	7 ⁴⁹ 49	19 ³⁵ 35	27 ³⁰ 30	12 ²⁵ 25	13 ⁰ 0	11 ⁴² 42	12 ⁴⁷ 47	12 ¹¹ 11	27 ³⁴ 34	6 ³⁷ 37	6 ²⁸ 28	9 ¹⁶ 16	n.a.								
S 17	10 48 26	14 ¹² '25	22 ³ 3	21 ⁶ 6	28 ³³ 33	13 ⁹ 9	13 ¹³ 13	11 ⁴¹ 41	12 ⁴⁵ 45	12 ¹¹ 11	27 ³⁵ 35	6 ³⁶ 36	6 ²⁵ 25	9 ²² 22	n.a.								
M 18	10 52 23	15 ¹⁰ '33	6 ¹⁸ 18	22 ³⁸ 38	29 ³⁶ 36	13 ⁵² 52	13 ²⁶ 26	11 ⁴⁰ 40	12 ⁴³ 43	12 ¹² 12	27 ³⁷ 37	6 ³⁶ 36	6 ²² 22	9 ²⁹ 29	n.a.								
T 19	10 56 19	16 ⁸ '40	20 ³² 32	24 ¹³ 13	0 ³⁹ 39	14 ³⁶ 36	13 ³⁹ 39	11 ⁴⁰ 40	12 ⁴¹ 41	12 ¹² 12	27 ³⁸ 38	6 ^{D36} 36	6 ¹⁸ 18	9 ³⁶ 36	n.a.								
W 20	11 0 16	17 ⁶ '44	4 ⁴² 42	25 ⁴⁹ 49	1 ⁴² 42	15 ²⁰ 20	13 ⁵² 52	11 ³⁹ 39	12 ³⁸ 38	12 ¹² 12	27 ⁴⁰ 40	6 ³⁶ 36	6 ¹⁵ 15	9 ⁴³ 43	n.a.								
T 21	11 4 12	18 ⁴ '46	18 ⁴⁶ 46	27 ²⁸ 28	2 ⁴⁶ 46	16 ³ 3	14 ⁵ 5	11 ³⁸ 38	12 ³⁶ 36	12 ¹³ 13	27 ⁴¹ 41	6 ³⁷ 37	6 ¹² 12	9 ⁴⁹ 49	n.a.								
F 22	11 8 9	19 ² '46	2 ⁴² 42	29 ⁸ 8	3 ⁵⁰ 50	16 ⁴⁷ 47	14 ¹⁹ 19	11 ³⁸ 38	12 ³⁴ 34	12 ¹⁴ 14	27 ⁴² 42	6 ³⁸ 38	6 ⁹ 9	9 ⁵⁶ 56	n.a.								
S 23	11 12 5	20 ⁰ '43	16 ²⁸ 28	0 ⁴⁹ 49	4 ⁵⁴ 54	17 ³¹ 31	14 ³² 32	11 ³⁷ 37	12 ³² 32	12 ¹⁴ 14	27 ⁴⁴ 44	6 ³⁹ 39	6 ⁶ 6	10 ³ 3	n.a.								
S 24	11 16 2	20 ⁵⁸ '39	0 ³ 3	2 ³³ 33	5 ⁵⁸ 58	18 ¹⁴ 14	14 ⁴⁵ 45	11 ³⁷ 37	12 ³⁰ 30	12 ¹⁵ 15	27 ⁴⁵ 45	6 ^{R40} 40	6 ³ 3	10 ⁹ 9	n.a.								
M 25	11 19 59	21 ⁵⁶ '33	13 ²⁴ 24	4 ¹⁹ 19	7 ² 2	18 ⁵⁸ 58	14 ⁵⁹ 59	11 ³⁷ 37	12 ²⁷ 27	12 ¹⁵ 15	27 ⁴⁶ 46	6 ⁴⁰ 40	5 ⁵⁹ 59	10 ¹⁶ 16	n.a.								
T 26	11 23 55	22 ⁵⁴ '26	26 ³¹ 31	6 ⁶ 6	8 ⁷ 7	19 ⁴¹ 41	15 ¹² 12	11 ^{D37} 37	12 ²⁵ 25	12 ¹⁶ 16	27 ⁴⁸ 48	6 ³⁹ 39	5 ⁵⁶ 56	10 ²³ 23	n.a.								
W 27	11 27 52	23 ⁵² '16	9 ²⁴ 24	7 ⁵⁵ 55	9 ¹¹ 11	20 ²⁴ 24	15 ²⁵ 25	11 ³⁷ 37	12 ²³ 23	12 ¹⁷ 17	27 ⁴⁹ 49	6 ³⁷ 37	5 ⁵³ 53	10 ³⁰ 30	n.a.								
T 28	11 31 48	24 ⁵⁰ '05	22 ¹ 1	9 ⁴⁶ 46	10 ¹⁶ 16	21 ⁷ 7	15 ³⁹ 39	11 ³⁷ 37	12 ²⁰ 20	12 ¹⁷ 17	27 ⁵⁰ 50	6 ³⁵ 35	5 ⁵⁰ 50	10 ³⁶ 36	n.a.								
F 29	11 35 45	25 ⁴⁷ '53	4 ¹⁴ 14	11 ³⁹ 39	11 ²² 22	21 ⁵¹ 51	15 ⁵² 52	11 ³⁷ 37	12 ¹⁸ 18	12 ¹⁸ 18	27 ⁵² 52	6 ³² 32	5 ⁴⁷ 47	10 ⁴³ 43	n.a.								
S 30	11 39 41	26 ⁴⁵ '39	16 ³⁵ 35	13 ³⁴ 34	12 ²⁷ 27	22 ³⁴ 34	16 ⁶ 6	11 ³⁸ 38	12 ¹⁶ 16	12 ¹⁹ 19	27 ⁵³ 53	6 ²⁹ 29	5 ⁴³ 43	10 ⁵⁰ 50	n.a.								
S 31	11 43 38	27 ⁴³ '24	28 ¹⁴ 14	15 ³¹ 31	13 ³² 32	23 ¹⁷ 17	16 ¹⁹ 19	11 ³⁸ 38	12 ¹³ 13	12 ^{II20} 20	27 ⁵⁴ 54	6 ²⁶ 26	5 ⁴⁰ 40	10 ⁵⁶ 56	n.a.								

Delta T = 09h21m11s Julian Calendar 1 March 1381 BCE == Greg. Calendar 18 Feb. 1381 BCE
 The year -1380 astronomical counting style corresponds to year 1381 B.C.E historical counting style.

APRIL 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	11 47 34	28 ⁴¹ '07	10 ³⁷ 37	17 ²⁹ 29	14 ³⁸ 38	24 ⁰ 0	16 ³³ 33	11 ³⁹ 39	12 ^{R11} 11	12 ^{II21} 21	27 ⁵⁶ 56	6 ^{R24} 24	5 ³⁷ 37	11 ³ 3	n.a.								
T 2	11 51 31	29 ³⁸ '49	22 ²⁵ 25	19 ²⁹ 29	15 ⁴⁴ 44	24 ⁴³ 43	16 ⁴⁶ 46	11 ³⁹ 39	12 ⁹ 9	12 ²² 22	27 ⁵⁷ 57	6 ²³ 23	5 ³⁴ 34	11 ¹⁰ 10	n.a.								
W 3	11 55 27	0 ³⁶ '30	4 ²⁰ 20	21 ³¹ 31	16 ⁵⁰ 50	25 ²⁶ 26	17 ⁰ 0	11 ⁴⁰ 40	12 ⁶ 6	12 ²³ 23	27 ⁵⁸ 58	6 ^{D23} 23	5 ³¹ 31	11 ¹⁷ 17	n.a.								
T 4	11 59 24	1 ³⁴ '10	16 ²³ 23	23 ³⁴ 34	17 ⁵⁶ 56	26 ⁹ 9	17 ¹³ 13	11 ⁴¹ 41	12 ⁴ 4	12 ²³ 23	27 ⁵⁹ 59	6 ²³ 23	5 ²⁸ 28	11 ²³ 23	n.a.								
F 5	12 3 21	2 ³¹ '49	28 ³⁷ 37	25 ³⁹ 39	19 ² 2	26 ⁵² 52	17 ²⁷ 27	11 ⁴² 42	12 ¹ 1	12 ²⁴ 24	28 ¹ 1	6 ²⁵ 25	5 ²⁴ 24	11 ³⁰ 30	n.a.								
S 6	12 7 17	3 ²⁹ '26	11 ⁸ 8	27 ⁴⁶ 46	20 ⁹ 9	27 ³⁵ 35	17 ⁴¹ 41	11 ⁴³ 43	11 ⁵⁹ 59	12 ²⁵ 25	28 ² 2	6 ²⁶ 26	5 ²¹ 21	11 ³⁷ 37	n.a.								
S 7	12 11 14	4 ²⁷ '02	23 ⁵⁷ 57	29 ⁵⁴ 54	21 ¹⁵ 15	28 ¹⁷ 17	17 ⁵⁴ 54	11 ⁴⁴ 44	11 ⁵⁶ 56	12 ²⁶ 26	28 ³ 3	6 ²⁸ 28	5 ¹⁸ 18	11 ⁴⁴ 44	n.a.								
M 8	12 15 10	5 ²⁴ '37	7 ¹¹ 11	2 ¹⁹ 19	22 ²² 22	29 ⁰ 0	18 ⁸ 8	11 ⁴⁵ 45	11 ⁵⁴ 54	12 ²⁸ 28	28 ⁴ 4	6 ^{R28} 28	5 ¹⁵ 15	11 ⁵⁰ 50	n.a.								
T 9	12 19 7	6 ²² '10	20 ⁴³ 43	4 ¹² 12	23 ²⁹ 29	29 ⁴³ 43	18 ²² 22	11 ⁴⁷ 47	11 ⁵¹ 51	12 ²⁹ 29	28 ⁵ 5	6 ²⁸ 28	5 ¹² 12	11 ⁵⁷ 57	n.a.								
W 10	12 23 3	7 ¹⁹ '43	4 ¹⁴ 14	6 ²³ 23	24 ³⁶ 36	0 ¹⁹ 19	18 ³⁶ 36	11 ⁴⁸ 48	11 ⁴⁹ 49	12 ³⁰ 30	28 ⁷ 7	6 ²⁵ 25	5 ⁸ 8	12 ⁴ 4	n.a.								
T 11	12 27 0	8 ¹⁷ '14	18 ⁵⁵ 55	8 ³⁴ 34	25 ⁴³ 43	1 ⁸ 8	18 ⁴⁹ 49	11 ⁵⁰ 50	11 ⁴⁶ 46	12 ³¹ 31	28 ⁸ 8	6 ²² 22	5 ⁵ 5	12 ¹⁰ 10	n.a.								
F 12	12 30 56	9 ¹⁴ '44	3 ²⁴ 24	10 ⁴⁵ 45	26 ⁵⁰ 50	1 ⁵⁰ 50	19 ³ 3	11 ⁵² 52	11 ⁴⁴ 44	12 ³² 32	28 ⁹ 9	6 ¹⁷ 17	5 ² 2	12 ¹⁷ 17	n.a.								
S 13	12 34 53	10 ¹² '12	18 ¹ 1	12 ⁵⁶ 56	27 ⁵⁷ 57	2 ³³ 33	19 ¹⁷ 17	11 ⁵³ 53	11 ⁴¹ 41	12 ³³ 33	28 ¹⁰ 10	6 ¹² 12	4 ⁵⁹ 59	12 ²⁴ 24	n.a.								
S 14	12 38 50	11 ⁹ '39	2 ^{II37} 37	15 ⁷ 7	29 ⁵ 5	3 ¹⁵ 15	19 ³¹ 31	11 ⁵⁵ 55	11 ³⁹ 39	12 ³⁵ 35	28 ¹¹ 11	6 ⁸ 8	4 ⁵⁶ 56	12 ³¹ 31	n.a.								
M 15	12 42 46	12 ⁷ '05	17 ⁹ 9	17 ¹⁷ 17	0 ¹² 12	3 ⁵⁸ 58	19 ⁴⁵ 45	11 ⁵⁷ 57	11 ³⁶ 36	12 ³⁶ 36	28 ¹² 12	6 ⁴ 4	4 ⁵³ 53	12 ³⁷ 37	n.a.								
T 16	12 46 43	13 ⁴ '30	1 ³⁰ 30	19 ²⁷ 27	1 ²⁰ 20	4 ⁴⁰ 40	19 ⁵⁸ 58	11 ⁵⁹ 59	11 ³⁴ 34	12 ³⁷ 37	28 ¹³ 13	6 ² 2	4 ⁴⁹ 49	12 ⁴⁴ 44	n.a.								
W 17	12 50 39	14 ¹ '53	15 ³⁸ 38	21 ³⁵ 35	2																		

SWISS EPHEMERIS for the year 1381 BCE

MAY 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
W 1	13 45 51	27°23'17	12♁27	18♁1	18♁26	15♁8	23♁26	12♁42	10°R57	12♁59	28♁28	5°R 8	4♁2	14♁25	n.a.
T 2	13 49 48	28°20'26	24°27	19°35	19°35	15°50	23°40	12°45	10♁55	13° 1	28°29	5°D 6	3°59	14°32	n.a.
F 3	13 53 44	29°17'36	6♁39	21° 7	20°44	16°31	23°54	12°49	10°52	13° 3	28°30	5♁6	3°55	14°38	n.a.
S 4	13 57 41	0♁14'44	19° 8	22°36	21°54	17°12	24° 8	12°53	10°50	13° 5	28°30	5° 7	3°52	14°45	n.a.
S 5	14 1 37	1°11'53	1♁57	24° 3	23° 3	17°54	24°21	12°57	10°48	13° 6	28°31	5°R 8	3°49	14°52	n.a.
M 6	14 5 34	2° 9'01	15°12	25°26	24°12	18°35	24°35	13° 0	10°45	13° 8	28°32	5° 8	3°46	14°59	n.a.
T 7	14 9 30	3° 6'09	28°53	26°47	25°22	19°16	24°49	13° 4	10°43	13°10	28°33	5° 5	3°43	15° 5	n.a.
W 8	14 13 27	4° 3'17	13♁1	28° 6	26°32	19°57	25° 3	13° 9	10°41	13°12	28°33	5° 1	3°39	15°12	n.a.
T 9	14 17 23	5° 0'24	27°34	29°21	27°41	20°39	25°16	13°13	10°39	13°13	28°34	4°54	3°36	15°19	n.a.
F 10	14 21 20	5°57'31	12♁25	0♁33	28°51	21°20	25°30	13°17	10°37	13°15	28°35	4°45	3°33	15°25	n.a.
S 11	14 25 17	6°54'38	27°25	1°42	0♁1	22° 1	25°44	13°21	10°34	13°17	28°35	4°36	3°30	15°32	n.a.
S 12	14 29 13	7°51'44	12♁26	2°49	1°11	22°42	25°58	13°26	10°32	13°19	28°36	4°28	3°27	15°39	n.a.
M13	14 33 10	8°48'50	27°17	3°52	2°21	23°23	26°11	13°30	10°30	13°21	28°37	4°20	3°24	15°46	n.a.
T 14	14 37 6	9°45'56	11♁53	4°52	3°31	24° 4	26°25	13°35	10°28	13°23	28°37	4°15	3°20	15°52	n.a.
W15	14 41 3	10°43'01	26° 8	5°48	4°41	24°44	26°39	13°39	10°26	13°25	28°38	4°13	3°17	15°59	n.a.
T 16	14 44 59	11°40'06	10♁1	6°41	5°51	25°25	26°52	13°44	10°24	13°27	28°38	4°D12	3°14	16° 6	n.a.
F 17	14 48 56	12°37'10	23°33	7°31	7° 1	26° 6	27° 6	13°49	10°22	13°29	28°39	4°12	3°11	16°12	n.a.
S 18	14 52 52	13°34'13	6♁45	8°17	8°11	26°47	27°19	13°54	10°20	13°31	28°40	4°R12	3° 8	16°19	n.a.
S 19	14 56 49	14°31'16	19°40	8°59	9°22	27°27	27°33	13°58	10°18	13°33	28°40	4°11	3° 5	16°26	n.a.
M20	15 0 46	15°28'19	2♁21	9°38	10°32	28° 8	27°46	14° 3	10°16	13°35	28°41	4° 8	3° 1	16°33	n.a.
T 21	15 4 42	16°25'22	14°51	10°12	11°42	28°49	28° 0	14° 8	10°14	13°37	28°41	4° 3	2°58	16°39	n.a.
W22	15 8 39	17°22'25	27°11	10°43	12°53	29°29	28°13	14°14	10°13	13°39	28°41	3°54	2°55	16°46	n.a.
T 23	15 12 35	18°19'27	9♁23	11° 9	14° 3	0♁10	28°27	14°19	10°11	13°41	28°42	3°43	2°52	16°53	n.a.
F 24	15 16 32	19°16'30	21°28	11°31	15°14	0°50	28°40	14°24	10° 9	13°43	28°42	3°31	2°49	17° 0	n.a.
S 25	15 20 28	20°13'33	3♁27	11°48	16°25	1°30	28°53	14°29	10° 7	13°45	28°43	3°18	2°45	17° 6	n.a.
S 26	15 24 25	21°10'36	15°22	12° 1	17°35	2°11	29° 7	14°35	10° 6	13°47	28°43	3° 5	2°42	17°13	n.a.
M27	15 28 21	22° 7'40	27°13	12° 9	18°46	2°51	29°20	14°40	10° 4	13°49	28°43	2°54	2°39	17°20	n.a.
T 28	15 32 18	23° 4'44	9♁5	12°R12	19°57	3°31	29°33	14°46	10° 2	13°51	28°44	2°45	2°36	17°26	n.a.
W29	15 36 15	24° 1'48	20°58	12°11	21° 8	4°11	29°46	14°51	10° 1	13°53	28°44	2°38	2°33	17°33	n.a.
T 30	15 40 11	24°58'53	2♁58	12° 5	22°19	4°51	29°59	14°57	9°59	13°55	28°44	2°35	2°30	17°40	n.a.
F 31	15 44 8	25♁55'59	15♁8	11♁55	23♁30	5♁32	0♁13	15♁3	9♁58	13♁57	28♁44	2♁33	2♁26	17♁47	n.a.

Delta T = 09h21m07s Julian Calendar 1 May 1381 BCE == Greg. Calendar 19 Apr. 1381 BCE
 The year -1380 astronomical counting style corresponds to year 1381 B.C.E historical counting style.

JUNE 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	15 48 4	26♁53'05	27♁34	11°R40	24♁41	6♁12	0♁26	15♁8	9°R56	14♁0	28♁45	2°R33	2♁23	17♁53	n.a.
S 2	15 52 1	27°50'11	10♁20	11♁20	25°52	6°52	0°39	15°14	9♁55	14° 2	28°45	2♁33	2°20	18° 0	n.a.
M 3	15 55 57	28°47'19	23°31	10°56	27° 4	7°32	0°52	15°20	9°54	14° 4	28°45	2°32	2°17	18° 7	n.a.
T 4	15 59 54	29°44'27	7♁10	10°29	28°15	8°12	1° 5	15°26	9°52	14° 6	28°45	2°29	2°14	18°13	n.a.
W 5	16 3 50	0♁41'36	21°19	9°58	29°26	8°51	1°17	15°32	9°51	14° 8	28°45	2°23	2°11	18°20	n.a.
T 6	16 7 47	1°38'46	5♁56	9°23	0♁38	9°31	1°30	15°38	9°50	14°10	28°45	2°15	2° 7	18°27	n.a.
F 7	16 11 44	2°35'56	20°55	8°47	1°49	10°11	1°43	15°44	9°49	14°13	28°46	2° 6	2° 4	18°34	n.a.
S 8	16 15 40	3°33'07	6♁8	8° 8	3° 1	10°51	1°56	15°50	9°47	14°15	28°46	1°55	2° 1	18°40	n.a.
S 9	16 19 37	4°30'19	21°24	7°27	4°12	11°31	2° 9	15°56	9°46	14°17	28°46	1°44	1°58	18°47	n.a.
M10	16 23 33	5°27'32	6♁33	6°46	5°24	12°10	2°21	16° 3	9°45	14°19	28°46	1°35	1°55	18°54	n.a.
T 11	16 27 30	6°24'45	21°23	6° 5	6°36	12°50	2°34	16° 9	9°44	14°21	28°R46	1°29	1°51	19° 0	n.a.
W12	16 31 26	7°21'59	5♁51	5°25	7°47	13°29	2°46	16°15	9°43	14°24	28°46	1°25	1°48	19° 7	n.a.
T 13	16 35 23	8°19'13	19°51	4°46	8°59	14° 9	2°59	16°22	9°42	14°26	28°46	1°23	1°45	19°14	n.a.
F 14	16 39 19	9°16'27	3♁25	4° 9	10°11	14°48	3°11	16°28	9°41	14°28	28°46	1°23	1°42	19°21	n.a.
S 15	16 43 16	10°13'42	16°35	3°35	11°23	15°28	3°23	16°35	9°41	14°30	28°46	1°23	1°39	19°27	n.a.
S 16	16 47 13	11°10'58	29°25	3° 4	12°35	16° 7	3°36	16°41	9°40	14°33	28°45	1°22	1°36	19°34	n.a.
M17	16 51 9	12° 8'14	11♁57	2°38	13°47	16°47	3°48	16°48	9°39	14°35	28°45	1°19	1°32	19°41	n.a.
T 18	16 55 6	13° 5'31	24°17	2°16	14°59	17°26	4° 0	16°54	9°39	14°37	28°45	1°13	1°29	19°48	n.a.
W19	16 59 2	14° 2'48	6♁26	1°59	16°11	18° 5	4°12	17° 1	9°38	14°39	28°45	1° 5	1°26	19°54	n.a.
T 20	17 2 59	15° 0'07	18°29	1°48	17°23	18°44	4°24	17° 8	9°37	14°41	28°45	0°54	1°23	20° 1	n.a.
F 21	17 6 55	15°57'27	0♁26	1°D42	18°35	19°24	4°36	17°14	9°37	14°44	28°45	0°42	1°20	20° 8	n.a.
S 22	17 10 52	16°54'47	12°21	1°42	19°47	20° 3	4°48	17°21	9°36	14°46	28°44	0°29	1°17	20°14	n.a.
S 23	17 14 48	17°52'09	24°13	1°49	21° 0	20°42	5° 0	17°28	9°36	14°48	28°44	0°16	1°13	20°21	n.a.
M24	17 18 45	18°49'32	6♁5	2° 2	22°12	21°21	5°12	17°35	9°36	14°50	28°44	0° 5	1°10	20°28	n.a.
T 25	17 22 42	19°46'56	17°58	2°21	23°24	22° 0	5°23	17°42	9°35	14°53	28°44	29♁56	1° 7	20°35	n.a.
W26	17 26 38	20°44'21	29°55	2°48	24°37	22°39	5°35	17°49	9°35	14°55	28°43	29°49	1° 4	20°41	n.a.
T 27	17 30 35	21°41'48	11♁58	3°20	25°49	23°18	5°46	17°56	9°35	14°57	28°43	29°46	1° 1	20°48	n.a.
F 28	17 34 31	22°39'16	24°11	3°59	27° 2	23°57	5°58	18° 3	9°35	14°59	28°43	29°D44	0°57	20°55	n.a.
S 29	17 38 28	23°36'45	6♁37	4°45	28°14	24°35	6° 9	18°10	9°34	15° 1	28°42	29°44	0°54	21° 1	n.a.
S 30	17 42 24	24♁34'16	19♁22	5♁37	29♁27	25♁14	6♁20	18♁17	9♁34	15♁4	28♁42	29°R45	0♁51	21♁8	n.a.

Delta T = 09h21m05s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [20.1.2005]

SWISS EPHEMERIS for the year 1381 BCE

JULY 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
M 1	17 46 21	25Ⅱ31'49	2Ⅱ29	6Ⅱ35	0Ⅱ40	25Ⅲ53	6Ⅲ32	18Ⅲ24	9°D34	15Ⅱ 6	28°R41	29°R44	0Ⅱ48	21Ⅱ15	n.a.
T 2	17 50 17	26°29'23	16° 2	7°39	1°53	26°32	6°43	18°31	9Ⅲ34	15° 8	28Ⅲ41	29Ⅲ43	0°45	21°22	n.a.
W 3	17 54 14	27°26'59	0Ⅲ 3	8°49	3° 5	27°10	6°54	18°38	9°34	15°10	28°40	29°39	0°42	21°28	n.a.
T 4	17 58 11	28°24'37	14°31	10° 5	4°18	27°49	7° 5	18°45	9°35	15°12	28°40	29°33	0°38	21°35	n.a.
F 5	18 2 7	29°22'16	29°24	11°26	5°31	28°28	7°15	18°52	9°35	15°15	28°40	29°25	0°35	21°42	n.a.
S 6	18 6 4	0Ⅲ19'58	14Ⅱ34	12°52	6°44	29° 6	7°26	19° 0	9°35	15°17	28°39	29°17	0°32	21°48	n.a.
S 7	18 10 0	1°17'41	29°51	14°23	7°57	29°45	7°37	19° 7	9°35	15°19	28°38	29° 8	0°29	21°55	n.a.
M 8	18 13 57	2°15'25	15Ⅲ5	15°59	9°10	0Ⅱ23	7°47	19°14	9°36	15°21	28°38	29° 1	0°26	22° 2	n.a.
T 9	18 17 53	3°13'11	0Ⅱ 3	17°39	10°23	1° 2	7°58	19°21	9°36	15°23	28°37	28°56	0°23	22° 9	n.a.
W10	18 21 50	4°10'58	14°40	19°22	11°37	1°40	8° 8	19°29	9°37	15°25	28°37	28°53	0°19	22°15	n.a.
T 11	18 25 47	5° 8'46	28°50	21° 9	12°50	2°18	8°19	19°36	9°37	15°27	28°36	28°D52	0°16	22°22	n.a.
F 12	18 29 43	6° 6'36	12Ⅱ31	22°59	14° 3	2°57	8°29	19°43	9°38	15°30	28°36	28°52	0°13	22°29	n.a.
S 13	18 33 40	7° 4'27	25°46	24°51	15°16	3°35	8°39	19°51	9°38	15°32	28°35	28°53	0°10	22°35	n.a.
S 14	18 37 36	8° 2'19	8Ⅲ37	26°45	16°30	4°13	8°49	19°58	9°39	15°34	28°34	28°R54	0° 7	22°42	n.a.
M15	18 41 33	9° 0'13	21° 9	28°41	17°43	4°51	8°59	20° 5	9°40	15°36	28°34	28°53	0° 3	22°49	n.a.
T 16	18 45 29	9°58'08	3Ⅱ25	0Ⅲ38	18°57	5°29	9° 8	20°13	9°40	15°38	28°33	28°50	0° 0	22°56	n.a.
W17	18 49 26	10°56'05	15°30	2°36	20°10	6° 7	9°18	20°20	9°41	15°40	28°32	28°45	29Ⅲ57	23° 2	n.a.
T 18	18 53 22	11°54'04	27°27	4°35	21°24	6°45	9°27	20°27	9°42	15°42	28°31	28°39	29°54	23° 9	n.a.
F 19	18 57 19	12°52'04	9Ⅱ21	6°33	22°37	7°23	9°37	20°35	9°43	15°44	28°31	28°31	29°51	23°16	n.a.
S 20	19 1 16	13°50'05	21°13	8°32	23°51	8° 1	9°46	20°42	9°44	15°46	28°30	28°22	29°48	23°22	n.a.
S 21	19 5 12	14°48'09	3Ⅲ 5	10°31	25° 5	8°39	9°55	20°50	9°45	15°48	28°29	28°14	29°44	23°29	n.a.
M22	19 9 9	15°46'14	15° 1	12°29	26°18	9°17	10° 4	20°57	9°46	15°50	28°28	28° 7	29°41	23°36	n.a.
T 23	19 13 5	16°44'21	27° 0	14°27	27°32	9°55	10°13	21° 5	9°47	15°52	28°27	28° 1	29°38	23°43	n.a.
W24	19 17 2	17°42'30	9Ⅲ 5	16°24	28°46	10°33	10°22	21°12	9°48	15°54	28°27	27°58	29°35	23°49	n.a.
T 25	19 20 58	18°40'41	21°17	18°20	0Ⅲ 0	11°10	10°31	21°20	9°50	15°56	28°26	27°56	29°32	23°56	n.a.
F 26	19 24 55	19°38'54	3Ⅲ39	20°16	1°14	11°48	10°39	21°27	9°51	15°58	28°25	27°D56	29°29	24° 3	n.a.
S 27	19 28 51	20°37'09	16°14	22°10	2°28	12°26	10°48	21°35	9°52	16° 0	28°24	27°57	29°25	24° 9	n.a.
S 28	19 32 48	21°35'26	29° 4	24° 3	3°42	13° 3	10°56	21°42	9°54	16° 2	28°23	27°58	29°22	24°16	n.a.
M29	19 36 45	22°33'45	12Ⅱ13	25°55	4°56	13°41	11° 4	21°49	9°55	16° 4	28°22	28° 0	29°19	24°23	n.a.
T 30	19 40 41	23°32'07	25°42	27°47	6°10	14°18	11°12	21°57	9°56	16° 5	28°21	28°R 0	29°16	24°30	n.a.
W31	19 44 38	24Ⅲ30'31	9Ⅲ35	29Ⅲ37	7Ⅲ24	14Ⅱ56	11Ⅲ20	22Ⅲ 4	9Ⅲ58	16Ⅱ 7	28Ⅲ20	27Ⅲ59	29Ⅲ13	24Ⅲ36	n.a.

Delta T = 09h21m04s Julian Calendar 1 July 1381 BCE == Greg. Calendar 19 June 1381 BCE
 The year -1380 astronomical counting style corresponds to year 1381 B.C.E historical counting style.

AUGUST 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
T 1	19 48 34	25Ⅲ28'57	23Ⅲ50	1Ⅱ26	8Ⅲ38	15Ⅱ33	11Ⅲ28	22Ⅲ12	10Ⅲ 0	16Ⅱ 9	28°R19	27°R57	29Ⅲ 9	24Ⅲ43	n.a.
F 2	19 52 31	26°27'26	8Ⅱ27	3°13	9°52	16°11	11°36	22°19	10° 1	16°11	28Ⅲ18	27Ⅲ53	29° 6	24°50	n.a.
S 3	19 56 27	27°25'57	23°19	5° 0	11° 7	16°48	11°43	22°27	10° 3	16°13	28°17	27°49	29° 3	24°56	n.a.
S 4	20 0 24	28°24'30	8Ⅲ21	6°46	12°21	17°25	11°51	22°34	10° 5	16°15	28°17	27°45	29° 0	25° 3	n.a.
M 5	20 4 20	29°23'06	23°23	8°30	13°35	18° 3	11°58	22°42	10° 6	16°16	28°16	27°41	28°57	25°10	n.a.
T 6	20 8 17	0Ⅱ21'43	8Ⅱ15	10°14	14°50	18°40	12° 5	22°49	10° 8	16°18	28°15	27°39	28°54	25°17	n.a.
W 7	20 12 14	1°20'23	22°51	11°56	16° 4	19°17	12°12	22°57	10°10	16°20	28°13	27°D38	28°50	25°23	n.a.
T 8	20 16 10	2°19'04	7Ⅱ 4	13°37	17°18	19°54	12°19	23° 4	10°12	16°21	28°12	27°38	28°47	25°30	n.a.
F 9	20 20 7	3°17'48	20°51	15°17	18°33	20°31	12°25	23°11	10°14	16°23	28°11	27°39	28°44	25°37	n.a.
S 10	20 24 3	4°16'33	4Ⅲ12	16°57	19°48	21° 8	12°32	23°19	10°16	16°25	28°10	27°40	28°41	25°43	n.a.
S 11	20 28 0	5°15'20	17° 8	18°35	21° 2	21°45	12°38	23°26	10°18	16°26	28° 9	27°42	28°38	25°50	n.a.
M12	20 31 56	6°14'09	29°43	20°12	22°17	22°22	12°44	23°34	10°20	16°28	28° 8	27°43	28°35	25°57	n.a.
T 13	20 35 53	7°13'00	12Ⅱ 1	21°48	23°31	22°59	12°50	23°41	10°22	16°29	28° 7	27°R43	28°31	26° 3	n.a.
W14	20 39 49	8°11'52	24° 6	23°24	24°46	23°36	12°56	23°48	10°24	16°31	28° 6	27°42	28°28	26°10	n.a.
T 15	20 43 46	9°10'47	6Ⅱ 2	24°58	26° 1	24°13	13° 2	23°56	10°26	16°32	28° 5	27°40	28°25	26°17	n.a.
F 16	20 47 43	10° 9'44	17°55	26°31	27°15	24°49	13° 7	24° 3	10°29	16°34	28° 4	27°38	28°22	26°24	n.a.
S 17	20 51 39	11° 8'43	29°47	28° 4	28°30	25°26	13°13	24°10	10°31	16°35	28° 3	27°35	28°19	26°30	n.a.
S 18	20 55 36	12° 7'43	11Ⅲ41	29°35	29°45	26° 3	13°18	24°17	10°33	16°37	28° 2	27°33	28°15	26°37	n.a.
M19	20 59 32	13° 6'46	23°41	1Ⅱ 5	1Ⅱ 0	26°39	13°23	24°25	10°36	16°38	28° 1	27°31	28°12	26°44	n.a.
T 20	21 3 29	14° 5'51	5Ⅲ49	2°35	2°15	27°16	13°28	24°32	10°38	16°40	27°59	27°29	28° 9	26°50	n.a.
W21	21 7 25	15° 4'58	18° 6	4° 4	3°30	27°52	13°32	24°39	10°41	16°41	27°58	27°28	28° 6	26°57	n.a.
T 22	21 11 22	16° 4'07	0Ⅲ34	5°31	4°44	28°29	13°37	24°46	10°43	16°42	27°57	27°D28	28° 3	27° 4	n.a.
F 23	21 15 18	17° 3'18	13°14	6°58	5°59	29° 5	13°41	24°53	10°46	16°44	27°56	27°28	28° 0	27°11	n.a.
S 24	21 19 15	18° 2'31	26° 6	8°24	7°14	29°42	13°45	25° 0	10°48	16°45	27°55	27°29	27°56	27°17	n.a.
S 25	21 23 12	19° 1'47	9Ⅱ12	9°49	8°29	0Ⅲ18	13°49	25° 7	10°51	16°46	27°54	27°30	27°53	27°24	n.a.
M26	21 27 8	20° 1'06	22°32	11°12	9°44	0°54	13°53	25°14	10°53	16°47	27°52	27°31	27°50	27°31	n.a.
T 27	21 31 5	21° 0'27	6Ⅲ 7	12°35	11° 0	1°30	13°57	25°21	10°56	16°49	27°51	27°31	27°47	27°37	n.a.
W28	21 35 1	21°59'50	19°58	13°57	12°15	2° 6	14° 0	25°28	10°59	16°50	27°50	27°R31	27°44	27°44	n.a.
T 29	21 38 58	22°59'16	4Ⅱ 3	15°17	13°30	2°43	14° 3	25°35	11° 2	16°51	27°49	27°31	27°41	27°51	n.a.
F 30	21 42 54	23°58'45	18°22	16°37	14°45	3°19	14° 6	25°42	11° 4	16°52	27°48	27°31	27°37	27°57	n.a.
S 31	21 46 51	24Ⅲ58'16	2Ⅲ52	17Ⅱ55	16Ⅱ 0	3Ⅲ55	14Ⅲ 9	25Ⅲ49	11Ⅲ 7	16Ⅱ53	27Ⅲ47	27Ⅲ31	27Ⅲ34	28Ⅲ 4	n.a.

Delta T = 09h21m02s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [20.1.2005]

SWISS EPHEMERIS for the year 1381 BCE

SEPTEMBER 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	21 50 47	25♄57'49	17♂28	19♏11	17♏15	4♁31	14♂12	25♁56	11♁10	16♏54	27°R45	27°R31	27♁31	28♁11	n.a.
M 2	21 54 44	26°57'25	2♂ 5	20°27	18°31	5° 6	14°15	26° 3	11°13	16°55	27♁44	27♁31	27°28	28°18	n.a.
T 3	21 58 41	27°57'03	16°37	21°41	19°46	5°42	14°17	26° 9	11°16	16°56	27°43	27°D31	27°25	28°24	n.a.
W 4	22 2 37	28°56'43	0♏58	22°53	21° 1	6°18	14°19	26°16	11°19	16°57	27°42	27°R31	27°21	28°31	n.a.
T 5	22 6 34	29°56'25	15° 2	24° 3	22°16	6°54	14°21	26°23	11°22	16°58	27°41	27°30	27°18	28°38	n.a.
F 6	22 10 30	0♏56'10	28°46	25°12	23°32	7°29	14°23	26°29	11°25	16°59	27°40	27°30	27°15	28°44	n.a.
S 7	22 14 27	1°55'56	12♁ 7	26°19	24°47	8° 5	14°24	26°36	11°28	17° 0	27°38	27°30	27°12	28°51	n.a.
S 8	22 18 23	2°55'44	25° 7	27°23	26° 2	8°40	14°25	26°42	11°31	17° 1	27°37	27°29	27° 9	28°58	n.a.
M 9	22 22 20	3°55'35	7♏45	28°25	27°18	9°16	14°27	26°49	11°34	17° 1	27°36	27°28	27° 6	29° 5	n.a.
T 10	22 26 16	4°55'27	20° 6	29°24	28°33	9°51	14°28	26°55	11°37	17° 2	27°35	27°28	27° 2	29°11	n.a.
W11	22 30 13	5°55'21	2♁12	0♁21	29°48	10°27	14°28	27° 2	11°41	17° 3	27°34	27°D27	26°59	29°18	n.a.
T 12	22 34 10	6°55'17	14° 9	1°14	1♏ 4	11° 2	14°29	27° 8	11°44	17° 4	27°33	27°28	26°56	29°25	n.a.
F 13	22 38 6	7°55'15	26° 2	2° 3	2°19	11°37	14°29	27°14	11°47	17° 4	27°31	27°28	26°53	29°31	n.a.
S 14	22 42 3	8°55'14	7♁54	2°49	3°35	12°12	14°R29	27°21	11°50	17° 5	27°30	27°29	26°50	29°38	n.a.
S 15	22 45 59	9°55'16	19°50	3°30	4°50	12°47	14°29	27°27	11°54	17° 5	27°29	27°30	26°46	29°45	n.a.
M16	22 49 56	10°55'19	1♁54	4° 6	6° 6	13°22	14°29	27°33	11°57	17° 6	27°28	27°31	26°43	29°51	n.a.
T 17	22 53 52	11°55'24	14°10	4°37	7°21	13°57	14°28	27°39	12° 0	17° 7	27°27	27°32	26°40	29°58	n.a.
W18	22 57 49	12°55'31	26°40	5° 2	8°31	14°32	14°28	27°45	12° 4	17° 7	27°26	27°R33	26°37	0♁ 5	n.a.
T 19	23 1 45	13°55'39	9♁25	5°20	9°52	15° 7	14°27	27°51	12° 7	17° 8	27°25	27°32	26°34	0°12	n.a.
F 20	23 5 42	14°55'50	22°26	5°32	11° 7	15°42	14°26	27°57	12°10	17° 8	27°24	27°31	26°31	0°18	n.a.
S 21	23 9 39	15°56'03	5♏43	5°R35	12°23	16°16	14°25	28° 3	12°14	17° 8	27°22	27°29	26°27	0°25	n.a.
S 22	23 13 35	16°56'17	19°14	5°30	13°38	16°51	14°23	28° 8	12°17	17° 9	27°21	27°26	26°24	0°32	n.a.
M23	23 17 32	17°56'34	2♁57	5°16	14°54	17°25	14°21	28°14	12°21	17° 9	27°20	27°23	26°21	0°38	n.a.
T 24	23 21 28	18°56'53	16°50	4°53	16°10	18° 0	14°20	28°20	12°24	17° 9	27°19	27°21	26°18	0°45	n.a.
W25	23 25 25	19°57'14	0♏51	4°20	17°25	18°34	14°17	28°25	12°28	17°10	27°18	27°19	26°15	0°52	n.a.
T 26	23 29 21	20°57'38	14°57	3°38	18°41	19° 9	14°15	28°31	12°31	17°10	27°17	27°D18	26°12	0°58	n.a.
F 27	23 33 18	21°58'03	29° 7	2°46	19°56	19°43	14°13	28°36	12°35	17°10	27°16	27°18	26° 8	1° 5	n.a.
S 28	23 37 14	22°58'31	13♁19	1°45	21°12	20°17	14°10	28°42	12°38	17°10	27°15	27°19	26° 5	1°12	n.a.
S 29	23 41 11	23°59'01	27°30	0°37	22°27	20°51	14° 7	28°47	12°42	17°10	27°14	27°20	26° 2	1°19	n.a.
M30	23 45 8	24♏59'33	11♂39	29♏23	23♏43	21♁25	14♂ 4	28♁52	12♁46	17♏10	27♁13	27♁21	25♁59	1♁25	n.a.

Delta T = 09h21m00s Julian Calendar 1 Sept. 1381 BCE == Greg. Calendar 20 Aug. 1381 BCE
 The year -1380 astronomical counting style corresponds to year 1381 B.C.E historical counting style.

OCTOBER 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	23 49 4	26♏0'06	25♂42	28°R 4	24♏58	21♁59	14°R 1	28♁57	12♁49	17♏10	27°R12	27°R22	25♁56	1♁32	n.a.
W 2	23 53 1	27° 0'42	9♏37	26♏44	26°14	22°33	13♁57	29° 2	12°53	17°R10	27♁11	27♁22	25°52	1°39	n.a.
T 3	23 56 57	28° 1'19	23°20	25°25	27°30	23° 7	13°54	29° 7	12°56	17°10	27°10	27°19	25°49	1°45	n.a.
F 4	0 0 54	29° 1'58	6♁50	24°10	28°45	23°40	13°50	29°12	13° 0	17°10	27° 9	27°16	25°46	1°52	n.a.
S 5	0 4 50	0♁ 2'39	20° 2	23° 0	0♁ 1	24°14	13°46	29°17	13° 4	17°10	27° 8	27°11	25°43	1°59	n.a.
S 6	0 8 47	1° 3'21	2♏57	21°58	1°16	24°47	13°42	29°22	13° 7	17°10	27° 7	27° 5	25°40	2° 5	n.a.
M 7	0 12 43	2° 4'05	15°34	21° 6	2°32	25°21	13°37	29°27	13°11	17°10	27° 6	26°58	25°37	2°12	n.a.
T 8	0 16 40	3° 4'50	27°55	20°25	3°48	25°54	13°33	29°31	13°15	17°10	27° 5	26°53	25°33	2°19	n.a.
W 9	0 20 37	4° 5'36	10♁ 2	19°56	5° 3	26°27	13°28	29°36	13°18	17°10	27° 4	26°48	25°30	2°25	n.a.
T 10	0 24 33	5° 6'24	21°59	19°38	6°19	27° 0	13°23	29°40	13°22	17° 9	27° 3	26°46	25°27	2°32	n.a.
F 11	0 28 30	6° 7'13	3♁51	19°D32	7°34	27°33	13°18	29°45	13°26	17° 9	27° 2	26°D44	25°24	2°39	n.a.
S 12	0 32 26	7° 8'03	15°41	19°37	8°50	28° 6	13°13	29°49	13°29	17° 9	27° 2	26°45	25°21	2°46	n.a.
S 13	0 36 23	8° 8'54	27°37	19°52	10° 6	28°39	13° 8	29°53	13°33	17° 8	27° 1	26°46	25°18	2°52	n.a.
M14	0 40 19	9° 9'46	9♁42	20°17	11°21	29°12	13° 2	29°57	13°37	17° 8	27° 0	26°48	25°14	2°59	n.a.
T 15	0 44 16	10°10'40	22° 1	20°50	12°37	29°44	12°56	0♁ 1	13°41	17° 8	26°59	26°R49	25°11	3° 6	n.a.
W16	0 48 12	11°11'34	4♁38	21°31	13°52	0♁17	12°50	0° 5	13°44	17° 7	26°58	26°49	25° 8	3°12	n.a.
T 17	0 52 9	12°12'30	17°36	22°19	15° 8	0°49	12°44	0° 9	13°48	17° 7	26°57	26°47	25° 5	3°19	n.a.
F 18	0 56 6	13°13'26	0♏56	23°13	16°23	1°21	12°38	0°13	13°52	17° 6	26°57	26°42	25° 2	3°26	n.a.
S 19	1 0 2	14°14'24	14°37	24°13	17°39	1°53	12°32	0°17	13°55	17° 6	26°56	26°36	24°58	3°32	n.a.
S 20	1 3 59	15°15'23	28°36	25°17	18°55	2°26	12°26	0°20	13°59	17° 5	26°55	26°28	24°55	3°39	n.a.
M21	1 7 55	16°16'24	12♁49	26°25	20°10	2°57	12°19	0°24	14° 3	17° 4	26°54	26°20	24°52	3°46	n.a.
T 22	1 11 52	17°17'25	27°10	27°37	21°26	3°29	12°12	0°27	14° 7	17° 4	26°54	26°11	24°49	3°53	n.a.
W23	1 15 48	18°18'28	11♏33	28°51	22°41	4° 1	12° 5	0°30	14°10	17° 3	26°53	26° 5	24°46	3°59	n.a.
T 24	1 19 45	19°19'33	25°54	0♁ 8	23°57	4°33	11°58	0°33	14°14	17° 2	26°52	26° 0	24°43	4° 6	n.a.
F 25	1 23 41	20°20'39	10♁ 9	1°28	25°12	5° 4	11°51	0°37	14°18	17° 2	26°52	25°58	24°39	4°13	n.a.
S 26	1 27 38	21°21'45	24°16	2°49	26°28	5°35	11°44	0°40	14°22	17° 1	26°51	25°D57	24°36	4°19	n.a.
S 27	1 31 35	22°22'54	8♂13	4°12	27°43	6° 7	11°37	0°43	14°25	17° 0	26°51	25°58	24°33	4°26	n.a.
M28	1 35 31	23°24'03	22° 0	5°36	28°59	6°38	11°30	0°45	14°29	16°59	26°50	25°R59	24°30	4°33	n.a.
T 29	1 39 28	24°25'13	5♏38	7° 1	0♏14	7° 9	11°22	0°48	14°33	16°58	26°49	25°58	24°27	4°39	n.a.
W30	1 43 24	25°26'25	19° 6	8°28	1°30	7°39	11°15	0°51	14°36	16°57	26°49	25°56	24°23	4°46	n.a.
T 31	1 47 21	26♁27'37	2♁24	9♁55	2♏45	8♂10	11♂ 7	0♁53	14♁40	16♏56	26♁48	25♁51	24♁20	4♁53	n.a.

Delta T = 09h20m58s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [20.1.2005]

SWISS EPHEMERIS for the year 1381 BCE

NOVEMBER 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	1 51 17	27 ^h 28'50	15 ^h 53'	11 ^h 23'	4 ^h 1'	8 ^h 41'	10°R59	0 ^h 56'	14 ^h 44'	16°R56	26°R48	25°R43	24 ^h 17'	4 ^h 59'	n.a.		
S 2	1 55 14	28°30'04	28°26'	12°52'	5°16'	9°11'	10 ^h 51'	0°58'	14°47'	16 ^h 55'	26 ^h 47'	25 ^h 32'	24°14'	5°6'	n.a.		
S 3	1 59 10	29°31'19	11 ^h 8'	14°21'	6°32'	9°41'	10°44'	1°0'	14°51'	16°54'	26°47'	25°20'	24°11'	5°13'	n.a.		
M 4	2 3 7	0 ^h 32'34	23°37'	15°51'	7°47'	10°11'	10°36'	1°2'	14°55'	16°53'	26°47'	25°7'	24°8'	5°20'	n.a.		
T 5	2 7 3	1°33'50	5 ^h 53'	17°21'	9°3'	10°41'	10°28'	1°4'	14°58'	16°51'	26°46'	24°55'	24°4'	5°26'	n.a.		
W 6	2 11 0	2°35'07	17°57'	18°51'	10°18'	11°11'	10°20'	1°6'	15°2'	16°50'	26°46'	24°45'	24°1'	5°33'	n.a.		
T 7	2 14 57	3°36'23	29°52'	20°22'	11°34'	11°41'	10°12'	1°8'	15°5'	16°49'	26°45'	24°37'	23°58'	5°40'	n.a.		
F 8	2 18 53	4°37'40	11 ^h 34'	21°53'	12°49'	12°10'	10°4'	1°10'	15°9'	16°48'	26°45'	24°32'	23°55'	5°46'	n.a.		
S 9	2 22 50	5°38'57	23°31'	23°24'	14°5'	12°39'	9°55'	1°11'	15°13'	16°47'	26°45'	24°29'	23°52'	5°53'	n.a.		
S 10	2 26 46	6°40'14	5 ^h 23'	24°56'	15°20'	13°8'	9°47'	1°13'	15°16'	16°46'	26°44'	24°D28	23°49'	6°0'	n.a.		
M 11	2 30 43	7°41'32	17°25'	26°28'	16°35'	13°37'	9°39'	1°14'	15°20'	16°45'	26°44'	24°29'	23°45'	6°6'	n.a.		
T 12	2 34 39	8°42'49	29°42'	28°0'	17°51'	14°6'	9°31'	1°15'	15°23'	16°43'	26°44'	24°R29	23°42'	6°13'	n.a.		
W 13	2 38 36	9°44'06	12 ^h 19'	29°32'	19°6'	14°35'	9°23'	1°16'	15°27'	16°42'	26°44'	24°27'	23°39'	6°20'	n.a.		
T 14	2 42 32	10°45'23	25°20'	1 ^h 5'	20°22'	15°3'	9°15'	1°17'	15°30'	16°41'	26°43'	24°24'	23°36'	6°26'	n.a.		
F 15	2 46 29	11°46'40	8 ^h 48'	2°37'	21°37'	15°31'	9°7'	1°18'	15°34'	16°39'	26°43'	24°17'	23°33'	6°33'	n.a.		
S 16	2 50 26	12°47'57	22°43'	4°10'	22°52'	15°59'	8°58'	1°19'	15°37'	16°38'	26°43'	24°8'	23°29'	6°40'	n.a.		
S 17	2 54 22	13°49'15	7 ^h 3'	5°44'	24°8'	16°27'	8°50'	1°20'	15°40'	16°37'	26°43'	23°57'	23°26'	6°46'	n.a.		
M 18	2 58 19	14°50'32	21°41'	7°17'	25°23'	16°55'	8°42'	1°20'	15°44'	16°35'	26°43'	23°45'	23°23'	6°53'	n.a.		
T 19	3 2 15	15°51'49	6 ^h 31'	8°51'	26°38'	17°22'	8°34'	1°21'	15°47'	16°34'	26°43'	23°33'	23°20'	7°0'	n.a.		
W 20	3 6 12	16°53'07	21°23'	10°25'	27°53'	17°49'	8°26'	1°21'	15°50'	16°33'	26°43'	23°23'	23°17'	7°7'	n.a.		
T 21	3 10 8	17°54'24	6 ^h 8'	11°59'	29°9'	18°16'	8°18'	1°22'	15°54'	16°31'	26°43'	23°16'	23°14'	7°13'	n.a.		
F 22	3 14 5	18°55'42	20°41'	13°34'	0 ^h 24'	18°43'	8°10'	1°22'	15°57'	16°30'	26°43'	23°11'	23°10'	7°20'	n.a.		
S 23	3 18 2	19°57'00	4 ^h 57'	15°9'	1°39'	19°10'	8°2'	1°R22	16°0'	16°28'	26°D43	23°9'	23°7'	7°27'	n.a.		
S 24	3 21 58	20°58'18	18°56'	16°44'	2°55'	19°36'	7°55'	1°22'	16°4'	16°27'	26°43'	23°8'	23°4'	7°33'	n.a.		
M 25	3 25 55	21°59'36	2 ^h 36'	18°20'	4°10'	20°2'	7°47'	1°22'	16°7'	16°25'	26°43'	23°8'	23°1'	7°40'	n.a.		
T 26	3 29 51	23°0'54	16°0'	19°56'	5°25'	20°28'	7°39'	1°21'	16°10'	16°24'	26°43'	23°7'	22°58'	7°47'	n.a.		
W 27	3 33 48	24°2'12	29°9'	21°32'	6°40'	20°53'	7°32'	1°21'	16°13'	16°22'	26°43'	23°4'	22°55'	7°53'	n.a.		
T 28	3 37 44	25°3'30	12 ^h 6'	23°9'	7°55'	21°19'	7°24'	1°20'	16°16'	16°21'	26°43'	22°57'	22°51'	8°0'	n.a.		
F 29	3 41 41	26°4'47	24°52'	24°46'	9°11'	21°44'	7°17'	1°20'	16°19'	16°19'	26°43'	22°48'	22°48'	8°7'	n.a.		
S 30	3 45 37	27 ^h 6'05	7 ^h 27'	26 ^h 24'	10 ^h 26'	22 ^h 9'	7 ^h 10'	1 ^h 19'	16 ^h 22'	16 ^h 18'	26 ^h 43'	22 ^h 36'	22 ^h 45'	8 ^h 13'	n.a.		

Delta T = 09h20m56s Julian Calendar 1 Nov. 1381 BCE == Greg. Calendar 20 Oct. 1381 BCE
 The year -1380 astronomical counting style corresponds to year 1381 B.C.E historical counting style.

DECEMBER 1381 BCE (-1380) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	3 49 34	28 ^h 7'22	19 ^h 53'	28 ^h 2'	11 ^h 41'	22 ^h 33'	7°R 2	1°R18	16 ^h 25'	16°R16	26 ^h 43'	22°R21	22 ^h 42'	8 ^h 20'	n.a.		
M 2	3 53 30	29°8'38	2 ^h 9'	29°40'	12°56'	22°58'	6 ^h 55'	1 ^h 17'	16°28'	16 ^h 14'	26°44'	22 ^h 7'	22°39'	8°27'	n.a.		
T 3	3 57 27	0 ^h 9'55	14°16'	1 ^h 19'	14°11'	23°22'	6°48'	1°16'	16°31'	16°13'	26°44'	21°52'	22°35'	8°33'	n.a.		
W 4	4 1 24	1°11'10	26°14'	2°59'	15°26'	23°45'	6°42'	1°15'	16°34'	16°11'	26°44'	21°40'	22°32'	8°40'	n.a.		
T 5	4 5 20	2°12'25	8 ^h 7'	4°39'	16°42'	24°9'	6°35'	1°14'	16°37'	16°10'	26°44'	21°30'	22°29'	8°47'	n.a.		
F 6	4 9 17	3°13'39	19°55'	6°19'	17°57'	24°32'	6°28'	1°13'	16°40'	16°8'	26°45'	21°23'	22°26'	8°54'	n.a.		
S 7	4 13 13	4°14'52	1 ^h 42'	8°0'	19°12'	24°55'	6°22'	1°11'	16°43'	16°6'	26°45'	21°18'	22°23'	9°0'	n.a.		
S 8	4 17 10	5°16'04	13°33'	9°41'	20°27'	25°17'	6°16'	1°10'	16°46'	16°5'	26°45'	21°17'	22°20'	9°7'	n.a.		
M 9	4 21 6	6°17'14	25°32'	11°23'	21°42'	25°40'	6°9'	1°8'	16°48'	16°3'	26°46'	21°D17	22°16'	9°14'	n.a.		
T 10	4 25 3	7°18'24	7 ^h 44'	13°5'	22°57'	26°2'	6°3'	1°6'	16°51'	16°1'	26°46'	21°R17	22°13'	9°20'	n.a.		
W 11	4 29 0	8°19'33	20°16'	14°48'	24°12'	26°23'	5°58'	1°4'	16°54'	16°0'	26°46'	21°16'	22°10'	9°27'	n.a.		
T 12	4 32 56	9°20'40	3 ^h 13'	16°31'	25°27'	26°44'	5°52'	1°2'	16°57'	15°58'	26°47'	21°14'	22°7'	9°34'	n.a.		
F 13	4 36 53	10°21'46	16°37'	18°14'	26°42'	27°5'	5°46'	1°0'	16°59'	15°56'	26°47'	21°9'	22°4'	9°40'	n.a.		
S 14	4 40 49	11°22'51	0 ^h 32'	19°57'	27°57'	27°26'	5°41'	0°58'	17°2'	15°55'	26°48'	21°1'	22°1'	9°47'	n.a.		
S 15	4 44 46	12°23'55	14°56'	21°41'	29°12'	27°46'	5°36'	0°56'	17°4'	15°53'	26°48'	20°52'	21°57'	9°54'	n.a.		
M 16	4 48 42	13°24'58	29°44'	23°25'	0 ^h 27'	28°6'	5°31'	0°53'	17°7'	15°51'	26°49'	20°41'	21°54'	10°0'	n.a.		
T 17	4 52 39	14°26'00	14 ^h 50'	25°9'	1°42'	28°25'	5°26'	0°51'	17°9'	15°50'	26°49'	20°31'	21°51'	10°7'	n.a.		
W 18	4 56 35	15°27'00	0 ^h 3'	26°52'	2°56'	28°44'	5°21'	0°48'	17°12'	15°48'	26°50'	20°22'	21°48'	10°14'	n.a.		
T 19	5 0 32	16°28'00	15°11'	28°35'	4°11'	29°3'	5°17'	0°46'	17°14'	15°46'	26°51'	20°15'	21°45'	10°20'	n.a.		
F 20	5 4 29	17°28'58	0 ^h 7'	0 ^h 18'	5°26'	29°21'	5°12'	0°43'	17°16'	15°44'	26°51'	20°11'	21°41'	10°27'	n.a.		
S 21	5 8 25	18°29'55	14°42'	2°0'	6°41'	29°39'	5°8'	0°40'	17°18'	15°43'	26°52'	20°D 9	21°38'	10°34'	n.a.		
S 22	5 12 22	19°30'52	28°54'	3°41'	7°56'	29°57'	5°4'	0°37'	17°21'	15°41'	26°52'	20°9'	21°35'	10°40'	n.a.		
M 23	5 16 18	20°31'47	12 ^h 42'	5°20'	9°10'	0 ^h 14'	5°0'	0°34'	17°23'	15°39'	26°53'	20°10'	21°32'	10°47'	n.a.		
T 24	5 20 15	21°32'41	26°6'	6°58'	10°25'	0°30'	4°57'	0°31'	17°25'	15°38'	26°54'	20°R10	21°29'	10°54'	n.a.		
W 25	5 24 11	22°33'34	9 ^h 10'	8°33'	11°40'	0°46'	4°53'	0°28'	17°27'	15°36'	26°55'	20°9'	21°26'	11°0'	n.a.		
T 26	5 28 8	23°34'26	21°57'	10°6'	12°55'	1°2'	4°50'	0°25'	17°29'	15°34'	26°55'	20°5'	21°22'	11°7'	n.a.		
F 27	5 32 4	24°35'17	4 ^h 30'	11°35'	14°9'	1°17'	4°47'	0°22'	17°31'	15°33'	26°56'	19°59'	21°19'	11°14'	n.a.		
S 28	5 36 1	25°36'07	16°50'	13°1'	15°24'	1°32'	4°44'	0°18'	17°33'	15°31'	26°57'	19°50'	21°16'	11°21'	n.a.		
S 29	5 39 58	26°36'55	29°2'	14°22'	16°39'	1°46'	4°41'	0°15'	17°35'	15°29'	26°58'	19°40'	21°13'	11°27'	n.a.		
M 30	5 43 54	27°37'42	11 ^h 5'	15°38'	17°53'	2°0'	4°39'	0°11'	17°37'	15°28'	26°58'	19°29'	21°10'	11°34'	n.a.		
T 31	5 47 51	28 ^h 38'28	23 ^h 3'	16 ^h 38'	19 ^h 8'	2 ^h 13'	4 ^h 36'	0 ^h 8'	17 ^h 39'	15 ^h 26'	26 ^h 59'	19 ^h 19'	21 ^h 7'	11 ^h 41'	n.a.		

Delta T = 09h20m55s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [20.1.2005]