

SWISS EPHEMERIS for the year 3013 BCE

JANUARY 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
F 1	5 0 28	17 ^h 37'56	1 ^h 58	13 ^h 53	3 ^h 55	20 ^h 17	25 ^h 3	8 ^h 36	1 ^h R14	26 ^h R19	4 ^h R28	19 ^h R 8	18 ^h 5	1 ^h II51	n.a.
S 2	5 4 24	18 ^h 38'12	15 ^h 0	15 ^h 42	5 ^h 4	20 ^h 44	25 ^h 4	8 ^h 43	1 ^h V14	26 ^h II17	4 ^h B27	19 ^h D 7	18 ^h 2	1 ^h 57	n.a.
S 3	5 8 21	19 ^h 38'26	27 ^h 38	17 ^h 31	6 ^h 13	21 ^h 11	25 ^h 4	8 ^h 50	1 ^h D14	26 ^h 16	4 ^h 26	19 ^h 7	17 ^h 59	2 ^h 4	n.a.
M 4	5 12 17	20 ^h 38'37	9 ^h V57	19 ^h 22	7 ^h 22	21 ^h 38	25 ^h R 4	8 ^h 58	1 ^h 14	26 ^h 14	4 ^h 25	19 ^h 8	17 ^h 55	2 ^h 11	n.a.
T 5	5 16 14	21 ^h 38'46	22 ^h 1	21 ^h 13	8 ^h 32	22 ^h 6	25 ^h 4	9 ^h 5	1 ^h 14	26 ^h 12	4 ^h 25	19 ^h 10	17 ^h 52	2 ^h 17	n.a.
W 6	5 20 10	22 ^h 38'53	3 ^h B55	23 ^h 6	9 ^h 41	22 ^h 33	25 ^h 4	9 ^h 13	1 ^h 15	26 ^h 11	4 ^h 24	19 ^h 12	17 ^h 49	2 ^h 24	n.a.
T 7	5 24 7	23 ^h 38'57	15 ^h 43	24 ^h 59	10 ^h 51	23 ^h 1	25 ^h 3	9 ^h 20	1 ^h 15	26 ^h 9	4 ^h 23	19 ^h R13	17 ^h 46	2 ^h 31	n.a.
F 8	5 28 3	24 ^h 38'59	27 ^h 30	26 ^h 53	12 ^h 0	23 ^h 29	25 ^h 2	9 ^h 28	1 ^h 15	26 ^h 7	4 ^h 22	19 ^h 12	17 ^h 43	2 ^h 37	n.a.
S 9	5 32 0	25 ^h 38'59	9 ^h II18	28 ^h 48	13 ^h 10	23 ^h 57	25 ^h 1	9 ^h 35	1 ^h 15	26 ^h 6	4 ^h 22	19 ^h 10	17 ^h 40	2 ^h 44	n.a.
S 10	5 35 57	26 ^h 38'57	21 ^h 10	0 ^h Z43	14 ^h 20	24 ^h 26	25 ^h 0	9 ^h 43	1 ^h 16	26 ^h 4	4 ^h 21	19 ^h 6	17 ^h 36	2 ^h 51	n.a.
M11	5 39 53	27 ^h 38'52	3 ^h B 7	2 ^h 39	15 ^h 29	24 ^h 54	24 ^h 59	9 ^h 50	1 ^h 16	26 ^h 2	4 ^h 20	19 ^h 1	17 ^h 33	2 ^h 57	n.a.
T 12	5 43 50	28 ^h 38'46	15 ^h 12	4 ^h 35	16 ^h 39	25 ^h 23	24 ^h 58	9 ^h 58	1 ^h 17	26 ^h 1	4 ^h 20	18 ^h 54	17 ^h 30	3 ^h 4	n.a.
W13	5 47 46	29 ^h 38'37	27 ^h 27	6 ^h 32	17 ^h 49	25 ^h 52	24 ^h 56	10 ^h 5	1 ^h 17	25 ^h 59	4 ^h 19	18 ^h 46	17 ^h 27	3 ^h 11	n.a.
T 14	5 51 43	0 ^h Z38'26	9 ^h II51	8 ^h 28	18 ^h 59	26 ^h 21	24 ^h 54	10 ^h 13	1 ^h 18	25 ^h 57	4 ^h 18	18 ^h 39	17 ^h 24	3 ^h 17	n.a.
F 15	5 55 39	1 ^h 38'13	22 ^h 27	10 ^h 25	20 ^h 9	26 ^h 50	24 ^h 52	10 ^h 20	1 ^h 18	25 ^h 56	4 ^h 18	18 ^h 32	17 ^h 20	3 ^h 24	n.a.
S 16	5 59 36	2 ^h 37'59	5 ^h II16	12 ^h 21	21 ^h 19	27 ^h 19	24 ^h 50	10 ^h 28	1 ^h 19	25 ^h 54	4 ^h 17	18 ^h 27	17 ^h 17	3 ^h 31	n.a.
S 17	6 3 32	3 ^h 37'42	18 ^h 21	14 ^h 16	22 ^h 30	27 ^h 49	24 ^h 48	10 ^h 35	1 ^h 20	25 ^h 52	4 ^h 16	18 ^h 23	17 ^h 14	3 ^h 37	n.a.
M18	6 7 29	4 ^h 37'23	1 ^h A21	16 ^h 10	23 ^h 40	28 ^h 18	24 ^h 45	10 ^h 43	1 ^h 21	25 ^h 51	4 ^h 16	18 ^h D22	17 ^h 11	3 ^h 44	n.a.
T 19	6 11 26	5 ^h 37'02	15 ^h 23	18 ^h 3	24 ^h 50	28 ^h 48	24 ^h 42	10 ^h 51	1 ^h 22	25 ^h 49	4 ^h 15	18 ^h 23	17 ^h 8	3 ^h 50	n.a.
W20	6 15 22	6 ^h 36'40	29 ^h 24	19 ^h 54	26 ^h 1	29 ^h 18	24 ^h 40	10 ^h 58	1 ^h 22	25 ^h 47	4 ^h 15	18 ^h 24	17 ^h 5	3 ^h 57	n.a.
T 21	6 19 19	7 ^h 36'15	13 ^h II46	21 ^h 43	27 ^h 11	29 ^h 48	24 ^h 36	11 ^h 6	1 ^h 23	25 ^h 46	4 ^h 14	18 ^h R25	17 ^h 1	4 ^h 4	n.a.
F 22	6 23 15	8 ^h 35'49	28 ^h 25	23 ^h 29	28 ^h 22	0 ^h V18	24 ^h 33	11 ^h 14	1 ^h 24	25 ^h 44	4 ^h 14	18 ^h 24	16 ^h 58	4 ^h 10	n.a.
S 23	6 27 12	9 ^h 35'21	13 ^h A19	25 ^h 12	29 ^h 32	0 ^h A8	24 ^h 30	11 ^h 21	1 ^h 25	25 ^h 42	4 ^h 13	18 ^h 22	16 ^h 55	4 ^h 17	n.a.
S 24	6 31 8	10 ^h 34'50	28 ^h 20	26 ^h 51	0 ^h A43	1 ^h 19	24 ^h 26	11 ^h 29	1 ^h 26	25 ^h 41	4 ^h 13	18 ^h 17	16 ^h 52	4 ^h 24	n.a.
M25	6 35 5	11 ^h 34'17	13 ^h B19	28 ^h 26	1 ^h 54	1 ^h 49	24 ^h 22	11 ^h 36	1 ^h 28	25 ^h 39	4 ^h 13	18 ^h 10	16 ^h 49	4 ^h 30	n.a.
T 26	6 39 2	12 ^h 33'43	28 ^h 7	29 ^h 57	3 ^h 4	2 ^h 20	24 ^h 18	11 ^h 44	1 ^h 29	25 ^h 38	4 ^h 12	18 ^h 2	16 ^h 46	4 ^h 37	n.a.
W27	6 42 58	13 ^h 33'05	12 ^h A35	1 ^h A22	4 ^h 15	2 ^h 51	24 ^h 14	11 ^h 52	1 ^h 30	25 ^h 36	4 ^h 12	17 ^h 53	16 ^h 42	4 ^h 44	n.a.
T 28	6 46 55	14 ^h 32'25	26 ^h 39	2 ^h 42	5 ^h 26	3 ^h 22	24 ^h 10	11 ^h 59	1 ^h 31	25 ^h 34	4 ^h 12	17 ^h 45	16 ^h 39	4 ^h 50	n.a.
F 29	6 50 51	15 ^h 31'43	10 ^h X15	3 ^h 56	6 ^h 37	3 ^h 53	24 ^h 5	12 ^h 7	1 ^h 33	25 ^h 33	4 ^h 11	17 ^h 38	16 ^h 36	4 ^h 57	n.a.
S 30	6 54 48	16 ^h 30'58	23 ^h 23	5 ^h 4	7 ^h 48	4 ^h 24	24 ^h 1	12 ^h 15	1 ^h 34	25 ^h 31	4 ^h 11	17 ^h 33	16 ^h 33	5 ^h 4	n.a.
S 31	6 58 44	17 ^h 30'11	6 ^h V 6	6 ^h A 6	8 ^h A59	4 ^h V55	23 ^h II56	12 ^h B22	1 ^h V36	25 ^h II30	4 ^h B11	17 ^h II30	16 ^h II30	5 ^h II10	n.a.

Delta T = 21h44m18s Julian Calendar 1 Jan. 3013 BCE == Greg. Calendar 7 Dec. 3014 BCE
 The year -3012 astronomical counting style corresponds to year 3013 B.C.E historical counting style.

FEBRUARY 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
M 1	7 2 41	18 ^h Z29'21	18 ^h V27	7 ^h A 0	10 ^h A10	5 ^h V27	23 ^h R51	12 ^h B30	1 ^h V37	25 ^h R28	4 ^h R11	17 ^h D29	16 ^h II26	5 ^h II17	n.a.
T 2	7 6 37	19 ^h 28'28	0 ^h B31	7 ^h 48	11 ^h 21	5 ^h 58	23 ^h II46	12 ^h 37	1 ^h 39	25 ^h II27	4 ^h B10	17 ^h II30	16 ^h 23	5 ^h 24	n.a.
W 3	7 10 34	20 ^h 27'34	12 ^h 25	8 ^h 28	12 ^h 32	6 ^h 30	23 ^h 41	12 ^h 45	1 ^h 40	25 ^h 25	4 ^h 10	17 ^h R31	16 ^h 20	5 ^h 30	n.a.
T 4	7 14 31	21 ^h 26'36	24 ^h 12	9 ^h 1	13 ^h 43	7 ^h 1	23 ^h 36	12 ^h 53	1 ^h 42	25 ^h 24	4 ^h 10	17 ^h 30	16 ^h 17	5 ^h 37	n.a.
F 5	7 18 27	22 ^h 25'36	5 ^h II59	9 ^h 26	14 ^h 54	7 ^h 33	23 ^h 30	13 ^h 0	1 ^h 44	25 ^h 22	4 ^h 10	17 ^h 29	16 ^h 14	5 ^h 44	n.a.
S 6	7 22 24	23 ^h 24'34	17 ^h 49	9 ^h 45	16 ^h 5	8 ^h 5	23 ^h 24	13 ^h 8	1 ^h 45	25 ^h 21	4 ^h 10	17 ^h 24	16 ^h 11	5 ^h 50	n.a.
S 7	7 26 20	24 ^h 23'30	29 ^h 46	9 ^h 55	17 ^h 16	8 ^h 37	23 ^h 19	13 ^h 15	1 ^h 47	25 ^h 20	4 ^h 10	17 ^h 18	16 ^h 7	5 ^h 57	n.a.
M 8	7 30 17	25 ^h 22'23	11 ^h B53	9 ^h R59	18 ^h 27	9 ^h 9	23 ^h 13	13 ^h 23	1 ^h 49	25 ^h 18	4 ^h 10	17 ^h 8	16 ^h 4	6 ^h 4	n.a.
T 9	7 34 13	26 ^h 21'14	24 ^h 10	9 ^h 55	19 ^h 38	9 ^h 41	23 ^h 7	13 ^h 30	1 ^h 51	25 ^h 17	4 ^h 10	16 ^h 57	16 ^h 1	6 ^h 10	n.a.
W10	7 38 10	27 ^h 20'02	6 ^h II40	9 ^h 44	20 ^h 50	10 ^h 14	23 ^h 1	13 ^h 38	1 ^h 53	25 ^h 15	4 ^h D10	16 ^h 45	15 ^h 58	6 ^h 17	n.a.
T 11	7 42 6	28 ^h 18'48	19 ^h 22	9 ^h 28	22 ^h 1	10 ^h 46	22 ^h 54	13 ^h 45	1 ^h 55	25 ^h 14	4 ^h 10	16 ^h 32	15 ^h 55	6 ^h 24	n.a.
F 12	7 46 3	29 ^h 17'33	2 ^h II15	9 ^h 5	23 ^h 12	11 ^h 18	22 ^h 48	13 ^h 53	1 ^h 57	25 ^h 13	4 ^h 10	16 ^h 21	15 ^h 51	6 ^h 30	n.a.
S 13	7 50 0	0 ^h A16'15	15 ^h 21	8 ^h 36	24 ^h 24	11 ^h 51	22 ^h 42	14 ^h 0	1 ^h 59	25 ^h 11	4 ^h 10	16 ^h 12	15 ^h 48	6 ^h 37	n.a.
S 14	7 53 56	1 ^h 14'55	28 ^h 38	8 ^h 3	25 ^h 35	12 ^h 23	22 ^h 35	14 ^h 8	2 ^h 1	25 ^h 10	4 ^h 10	16 ^h 6	15 ^h 45	6 ^h 44	n.a.
M15	7 57 53	2 ^h 13'33	12 ^h A 7	7 ^h 26	26 ^h 46	12 ^h 56	22 ^h 28	14 ^h 15	2 ^h 3	25 ^h 9	4 ^h 10	16 ^h 2	15 ^h 42	6 ^h 50	n.a.
T 16	8 1 49	3 ^h 12'09	25 ^h 48	6 ^h 45	27 ^h 58	13 ^h 29	22 ^h 22	14 ^h 23	2 ^h 5	25 ^h 8	4 ^h 10	16 ^h 1	15 ^h 39	6 ^h 57	n.a.
W17	8 5 46	4 ^h 10'44	9 ^h II43	6 ^h 2	29 ^h 9	14 ^h 2	22 ^h 15	14 ^h 30	2 ^h 7	25 ^h 6	4 ^h 10	16 ^h 1	15 ^h 36	7 ^h 3	n.a.
T 18	8 9 42	5 ^h 9'17	23 ^h 51	5 ^h 17	0 ^h Z21	14 ^h 35	22 ^h 8	14 ^h 37	2 ^h 9	25 ^h 5	4 ^h 10	16 ^h 1	15 ^h 32	7 ^h 10	n.a.
F 19	8 13 39	6 ^h 7'48	8 ^h A11	4 ^h 32	1 ^h 32	15									

SWISS EPHEMERIS for the year 3013 BCE

MARCH 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	8 57 1	16 ⁴⁹ 49'17	8 ³⁵	28 ^R 44	14 ³ 41	21 ^Y 15	20 ^R 39	16 ³ 3	2 ^Y 39	24 ^R 53	4 ³ 14	14 ^R 40	14 ^M 54	8 ^{II} 30	n.a.	
W 2	9 0 58	17 ⁴⁷ 23	20 ³⁰	28 ³ 38	15 ⁵³	21 ⁴⁹	20 ³²	16 ¹⁰	2 ⁴²	24 ^{II} 52	4 ¹⁵	14 ^M 40	14 ⁵¹	8 ³⁷	n.a.	
T 3	9 4 54	18 ⁴⁵ 27	2 ^{II} 19	28 ^D 37	17 ⁴	22 ²³	20 ²⁴	16 ¹⁷	2 ⁴⁵	24 ⁵¹	4 ¹⁵	14 ⁴⁰	14 ⁴⁸	8 ⁴³	n.a.	
F 4	9 8 51	19 ⁴³ 29	14 ⁸	28 ⁴¹	18 ¹⁶	22 ⁵⁷	20 ¹⁶	16 ²⁴	2 ⁴⁷	24 ⁵⁰	4 ¹⁶	14 ³⁸	14 ⁴⁵	8 ⁵⁰	n.a.	
S 5	9 12 47	20 ⁴¹ 29	26 ¹	28 ⁵⁰	19 ²⁸	23 ³¹	20 ⁹	16 ³⁰	2 ⁵⁰	24 ⁴⁹	4 ¹⁶	14 ³⁴	14 ⁴²	8 ⁵⁷	n.a.	
S 6	9 16 44	21 ³⁹ 26	8 ³	29 ³	20 ⁴⁰	24 ⁵	20 ¹	16 ³⁷	2 ⁵³	24 ⁴⁹	4 ¹⁷	14 ²⁷	14 ³⁸	9 ³	n.a.	
M 7	9 20 40	22 ³⁷ 22	20 ¹⁸	29 ²¹	21 ⁵²	24 ³⁹	19 ⁵³	16 ⁴⁴	2 ⁵⁶	24 ⁴⁸	4 ¹⁸	14 ¹⁸	14 ³⁵	9 ¹⁰	n.a.	
T 8	9 24 37	23 ³⁵ 16	2 ^{II} 47	29 ⁴⁴	23 ⁴	25 ¹³	19 ⁴⁶	16 ⁵¹	2 ⁵⁹	24 ⁴⁷	4 ¹⁸	14 ⁶	14 ³²	9 ¹⁷	n.a.	
W 9	9 28 33	24 ³³ 08	15 ³²	0 ^{III} 11	24 ¹⁶	25 ⁴⁸	19 ³⁸	16 ⁵⁷	3 ²	24 ⁴⁶	4 ¹⁹	13 ⁵⁴	14 ²⁹	9 ²³	n.a.	
T 10	9 32 30	25 ³⁰ 58	28 ³³	0 ⁴²	25 ²⁸	26 ²²	19 ³⁰	17 ⁴	3 ⁵	24 ⁴⁶	4 ¹⁹	13 ⁴¹	14 ²⁶	9 ³⁰	n.a.	
F 11	9 36 27	26 ²⁸ 46	11 ^{II} 48	1 ¹⁸	26 ³⁹	26 ⁵⁶	19 ²³	17 ¹⁰	3 ⁸	24 ⁴⁵	4 ²⁰	13 ³⁰	14 ²³	9 ³⁷	n.a.	
S 12	9 40 23	27 ²⁶ 33	25 ¹⁶	1 ⁵⁷	27 ⁵¹	27 ³⁰	19 ¹⁵	17 ¹⁷	3 ¹¹	24 ⁴⁵	4 ²¹	13 ²¹	14 ¹⁹	9 ⁴³	n.a.	
S 13	9 44 20	28 ²⁴ 18	8 ⁵⁴	2 ⁴⁰	29 ³	28 ⁵	19 ⁸	17 ²³	3 ¹⁴	24 ⁴⁴	4 ²²	13 ¹⁴	14 ¹⁶	9 ⁵⁰	n.a.	
M 14	9 48 16	29 ²² 01	22 ⁴¹	3 ²⁶	0 ^{III} 16	28 ³⁹	19 ⁰	17 ³⁰	3 ¹⁷	24 ⁴⁴	4 ²²	13 ¹¹	14 ¹³	9 ⁵⁷	n.a.	
T 15	9 52 13	0 ^{IV} 19'43	6 ^{III} 35	4 ¹⁶	1 ²⁸	29 ¹⁴	18 ⁵³	17 ³⁶	3 ²⁰	24 ⁴³	4 ²³	13 ⁹	14 ¹⁰	10 ³	n.a.	
W 16	9 56 9	1 ¹⁷ 24	20 ³⁵	5 ¹⁰	2 ⁴⁰	29 ⁴⁹	18 ⁴⁶	17 ⁴²	3 ²³	24 ⁴³	4 ²⁴	13 ^D 9	14 ⁷	10 ¹⁰	n.a.	
T 17	10 0 6	2 ¹⁵ 04	4 ⁴¹	6 ⁶	3 ⁵²	0 ³ 23	18 ³⁸	17 ⁴⁸	3 ²⁶	24 ⁴²	4 ²⁵	13 ^R 9	14 ³	10 ¹⁷	n.a.	
F 18	10 4 2	3 ¹² 43	18 ⁵¹	7 ⁶	5 ⁴	0 ⁵⁸	18 ³¹	17 ⁵⁵	3 ²⁹	24 ⁴²	4 ²⁵	13 ⁸	14 ⁰	10 ²³	n.a.	
S 19	10 7 59	4 ¹⁰ 20	3 ³ 5	8 ⁹	6 ¹⁶	1 ³³	18 ²⁴	18 ¹	3 ³²	24 ⁴¹	4 ²⁶	13 ⁵	13 ⁵⁷	10 ³⁰	n.a.	
S 20	10 11 55	5 ⁷ 56	17 ¹⁹	9 ¹⁴	7 ²⁸	2 ⁷	18 ¹⁷	18 ⁷	3 ³⁶	24 ⁴¹	4 ²⁷	13 ⁰	13 ⁵⁴	10 ³⁷	n.a.	
M 21	10 15 52	6 ⁵ 31	1 ³⁰	10 ²³	8 ⁴⁰	2 ⁴²	18 ¹⁰	18 ¹³	3 ³⁹	24 ⁴¹	4 ²⁸	12 ⁵²	13 ⁵¹	10 ⁴³	n.a.	
T 22	10 19 49	7 ³ 04	15 ³⁵	11 ³⁴	9 ⁵³	3 ¹⁷	18 ³	18 ¹⁹	3 ⁴²	24 ⁴⁰	4 ²⁹	12 ⁴³	13 ⁴⁸	10 ⁵⁰	n.a.	
W 23	10 23 45	8 ⁰ 27	29 ²⁸	12 ⁴⁷	11 ⁵	3 ⁵²	17 ⁵⁶	18 ²⁵	3 ⁴⁵	24 ⁴⁰	4 ³⁰	12 ³²	13 ⁴⁴	10 ⁵⁷	n.a.	
T 24	10 27 42	8 ⁵⁸ 07	13 ³ 5	14 ⁴	12 ¹⁷	4 ²⁷	17 ⁴⁹	18 ³⁰	3 ⁴⁹	24 ⁴⁰	4 ³¹	12 ²²	13 ⁴¹	11 ³	n.a.	
F 25	10 31 38	9 ⁵⁵ 37	26 ²⁴	15 ²²	13 ²⁹	5 ²	17 ⁴³	18 ³⁶	3 ⁵²	24 ⁴⁰	4 ³²	12 ¹³	13 ³⁸	11 ¹⁰	n.a.	
S 26	10 35 35	10 ⁵³ 05	9 ^Y 22	16 ⁴⁴	14 ⁴²	5 ³⁷	17 ³⁶	18 ⁴²	3 ⁵⁵	24 ⁴⁰	4 ³³	12 ⁷	13 ³⁵	11 ¹⁷	n.a.	
S 27	10 39 31	11 ⁵⁰ 31	22 ¹	18 ⁸	15 ⁵⁴	6 ¹²	17 ³⁰	18 ⁴⁷	3 ⁵⁹	24 ⁴⁰	4 ³⁴	12 ³	13 ³²	11 ²³	n.a.	
M 28	10 43 28	12 ⁴⁷ 56	4 ³ 21	19 ³⁴	17 ⁶	6 ⁴⁸	17 ²³	18 ⁵³	4 ²	24 ³⁹	4 ³⁵	12 ¹	13 ²⁸	11 ³⁰	n.a.	
T 29	10 47 24	13 ⁴⁵ 20	16 ²⁷	21 ²	18 ¹⁹	7 ²³	17 ¹⁷	18 ⁵⁸	4 ⁵	24 ³⁹	4 ³⁶	12 ^D 0	13 ²⁵	11 ³⁷	n.a.	
W 30	10 51 21	14 ⁴² 42	28 ²³	22 ³³	19 ³¹	7 ⁵⁸	17 ¹¹	19 ⁴	4 ⁹	24 ^D 39	4 ³⁷	12 ¹	13 ²²	11 ⁴³	n.a.	
T 31	10 55 18	15 ³⁴ 00'03	10 ^{II} 13	24 ⁷	20 ⁴³	8 ³³	17 ⁵	19 ³ 9	4 ^Y 12	24 ^{II} 39	4 ³⁸	12 ^R 2	13 ^M 19	11 ^{II} 50	n.a.	

Delta T = 21h44m13s Julian Calendar 1 March 3013 BCE == Greg. Calendar 5 Feb. 3013 BCE
 The year -3012 astronomical counting style corresponds to year 3013 B.C.E historical counting style.

APRIL 3013 BCE (-3012) JC

00:00 UT

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

SWISS EPHEMERIS for the year 3013 BCE

MAY 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	12 57 31	15°10'49	24♄ 2	26♃ 9	28♁ 17	27♂ 8	15°R14	21♁17	6♃ 1	24♁56	5♁18	10°R42	11♁40	15♁17	n.a.
M 2	13 1 27	16° 7'49	6♁22	28° 9	29°30	27°45	15♁13	21°20	6° 4	24°57	5°19	10♁40	11°37	15°23	n.a.
T 3	13 5 24	17° 4'48	19° 0	0♁ 6	0♃43	28°22	15°12	21°22	6° 8	24°58	5°21	10°38	11°34	15°30	n.a.
W 4	13 9 20	18° 1'48	2♃ 0	2° 2	1°56	28°58	15°12	21°25	6°11	24°59	5°22	10°35	11°31	15°37	n.a.
T 5	13 13 17	18°58'46	15°24	3°56	3° 9	29°35	15°12	21°27	6°15	25° 0	5°24	10°32	11°28	15°43	n.a.
F 6	13 17 13	19°55'45	29°11	5°48	4°22	0♁12	15°D12	21°30	6°18	25° 1	5°25	10°29	11°25	15°50	n.a.
S 7	13 21 10	20°52'44	13♁19	7°38	5°35	0°49	15°12	21°32	6°22	25° 2	5°27	10°27	11°21	15°57	n.a.
S 8	13 25 7	21°49'42	27°44	9°25	6°48	1°25	15°12	21°34	6°25	25° 4	5°28	10°26	11°18	16° 3	n.a.
M 9	13 29 3	22°46'41	12♁20	11°11	8° 2	2° 2	15°12	21°36	6°29	25° 5	5°30	10°D25	11°15	16°10	n.a.
T 10	13 33 0	23°43'41	27° 2	12°54	9°15	2°39	15°13	21°38	6°32	25° 6	5°31	10°26	11°12	16°17	n.a.
W11	13 36 56	24°40'40	11♁42	14°36	10°28	3°16	15°14	21°40	6°36	25° 7	5°33	10°27	11° 9	16°23	n.a.
T 12	13 40 53	25°37'41	26°16	16°15	11°41	3°53	15°15	21°42	6°39	25° 9	5°34	10°28	11° 5	16°30	n.a.
F 13	13 44 49	26°34'41	10♁39	17°52	12°55	4°30	15°16	21°43	6°42	25°10	5°36	10°29	11° 2	16°37	n.a.
S 14	13 48 46	27°31'43	24°48	19°27	14° 8	5° 7	15°17	21°45	6°46	25°11	5°37	10°R29	10°59	16°43	n.a.
S 15	13 52 42	28°28'45	8♁41	21° 0	15°21	5°44	15°19	21°46	6°49	25°13	5°39	10°29	10°56	16°50	n.a.
M16	13 56 39	29°25'48	22°17	22°31	16°35	6°21	15°20	21°48	6°53	25°14	5°40	10°28	10°53	16°57	n.a.
T 17	14 0 36	0♁22'51	5♁38	23°59	17°48	6°59	15°22	21°49	6°56	25°15	5°42	10°27	10°50	17° 3	n.a.
W18	14 4 32	1°19'55	18°43	25°26	19° 1	7°36	15°24	21°50	6°59	25°17	5°43	10°26	10°46	17°10	n.a.
T 19	14 8 29	2°16'59	1♃34	26°50	20°15	8°13	15°26	21°51	7° 2	25°18	5°45	10°25	10°43	17°17	n.a.
F 20	14 12 25	3°14'05	14°10	28°12	21°28	8°50	15°29	21°52	7° 6	25°20	5°47	10°24	10°40	17°23	n.a.
S 21	14 16 22	4°11'11	26°35	29°31	22°42	9°28	15°31	21°53	7° 9	25°21	5°48	10°24	10°37	17°30	n.a.
S 22	14 20 18	5° 8'18	8♁48	0♁49	23°55	10° 5	15°34	21°54	7°12	25°23	5°50	10°D23	10°34	17°37	n.a.
M23	14 24 15	6° 5'25	20°52	2° 4	25° 9	10°42	15°37	21°54	7°15	25°25	5°51	10°24	10°31	17°43	n.a.
T 24	14 28 11	7° 2'33	2♁48	3°16	26°22	11°20	15°40	21°55	7°19	25°26	5°53	10°24	10°27	17°50	n.a.
W25	14 32 8	7°59'41	14°39	4°27	27°36	11°57	15°43	21°55	7°22	25°28	5°54	10°24	10°24	17°57	n.a.
T 26	14 36 4	8°56'51	26°28	5°34	28°50	12°35	15°47	21°55	7°25	25°29	5°56	10°24	10°21	18° 3	n.a.
F 27	14 40 1	9°54'00	8♁18	6°39	0♁ 3	13°12	15°50	21°56	7°28	25°31	5°57	10°24	10°18	18° 10	n.a.
S 28	14 43 58	10°51'11	20°13	7°41	1°17	13°50	15°54	21°R56	7°31	25°33	5°59	10°R24	10°15	18°17	n.a.
S 29	14 47 54	11°48'22	2♁17	8°40	2°31	14°28	15°58	21°56	7°34	25°34	6° 0	10°24	10°11	18°23	n.a.
M30	14 51 51	12°45'33	14°35	9°36	3°44	15° 5	16° 2	21°56	7°37	25°36	6° 2	10°D24	10° 8	18°30	n.a.
T 31	14 55 47	13♁42'45	27♁11	10♁29	4♁58	15♁43	16♁ 6	21♁55	7♁40	25♁38	6♁ 3	10♁24	10♁ 5	18♁37	n.a.

Delta T = 21h44m07s Julian Calendar 1 May 3013 BCE == Greg. Calendar 6 Apr. 3013 BCE
 The year -3012 astronomical counting style corresponds to year 3013 B.C.E historical counting style.

JUNE 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	14 59 44	14♁39'58	10♁ 8	11♁19	6♁12	16♁21	16♁11	21°R55	7♃43	25♁40	6♁ 5	10♁25	10♁ 2	18♁43	n.a.
T 2	15 3 40	15°37'11	23°30	12° 6	7°25	16°59	16°15	21♁55	7°46	25°42	6° 7	10°25	9°59	18°50	n.a.
F 3	15 7 37	16°34'25	7♁18	12°48	8°39	17°37	16°20	21°54	7°49	25°43	6° 8	10°26	9°56	18°57	n.a.
S 4	15 11 33	17°31'40	21°32	13°28	9°53	18°14	16°25	21°53	7°52	25°45	6°10	10°26	9°52	19° 3	n.a.
S 5	15 15 30	18°28'56	6♁ 8	14° 3	11° 7	18°52	16°30	21°53	7°55	25°47	6°11	10°R26	9°49	19°10	n.a.
M 6	15 19 27	19°26'13	21° 2	14°34	12°21	19°30	16°35	21°52	7°58	25°49	6°13	10°26	9°46	19°17	n.a.
T 7	15 23 23	20°23'32	6♁ 4	15° 1	13°35	20° 8	16°40	21°51	8° 1	25°51	6°14	10°26	9°43	19°23	n.a.
W 8	15 27 20	21°20'51	21° 8	15°24	14°49	20°46	16°46	21°50	8° 4	25°53	6°16	10°25	9°40	19°30	n.a.
T 9	15 31 16	22°18'12	6♁ 3	15°42	16° 3	21°24	16°51	21°49	8° 6	25°55	6°17	10°24	9°36	19°37	n.a.
F 10	15 35 13	23°15'34	20°44	15°55	17°17	22° 2	16°57	21°48	8° 9	25°56	6°19	10°22	9°33	19°43	n.a.
S 11	15 39 9	24°12'58	5♁ 3	16° 4	18°31	22°41	17° 3	21°46	8°12	25°58	6°20	10°21	9°30	19°50	n.a.
S 12	15 43 6	25°10'23	19° 0	16°R 7	19°45	23°19	17° 9	21°45	8°15	26° 0	6°22	10°D20	9°27	19°57	n.a.
M13	15 47 2	26° 7'50	2♁34	16° 5	20°59	23°57	17°15	21°43	8°17	26° 2	6°23	10°20	9°24	20° 4	n.a.
T 14	15 50 59	27° 5'19	15°45	15°58	22°13	24°35	17°22	21°42	8°20	26° 4	6°24	10°21	9°21	20°10	n.a.
W15	15 54 56	28° 2'49	28°37	15°45	23°27	25°14	17°28	21°40	8°22	26° 6	6°26	10°22	9°17	20°17	n.a.
T 16	15 58 52	29° 0'21	11♁11	15°27	24°41	25°52	17°35	21°38	8°25	26° 8	6°27	10°24	9°14	20°24	n.a.
F 17	16 2 49	29°57'54	23°32	15° 4	25°55	26°30	17°42	21°36	8°28	26°10	6°29	10°25	9°11	20°30	n.a.
S 18	16 6 45	0♁55'29	5♁42	14°35	27° 9	27° 9	17°49	21°34	8°30	26°12	6°30	10°R26	9° 8	20°37	n.a.
S 19	16 10 42	1°53'06	17°43	14° 2	28°24	27°47	17°56	21°32	8°32	26°15	6°32	10°26	9° 5	20°44	n.a.
M20	16 14 38	2°50'44	29°38	13°25	29°38	28°26	18° 3	21°30	8°35	26°17	6°33	10°24	9° 2	20°50	n.a.
T 21	16 18 35	3°48'24	11♁29	12°43	0♁52	29° 5	18°10	21°27	8°37	26°19	6°34	10°22	8°58	20°57	n.a.
W22	16 22 31	4°46'05	23°18	11°57	2° 6	29°43	18°18	21°25	8°40	26°21	6°36	10°19	8°55	21° 4	n.a.
T 23	16 26 28	5°43'48	5♁ 8	11° 9	3°21	0♁22	18°25	21°23	8°42	26°23	6°37	10°15	8°52	21°10	n.a.
F 24	16 30 25	6°41'32	16°59	10°19	4°35	1° 1	18°33	21°20	8°44	26°25	6°39	10°10	8°49	21°17	n.a.
S 25	16 34 21	7°39'18	28°56	9°28	5°49	1°39	18°41	21°17	8°46	26°27	6°40	10° 6	8°46	21°24	n.a.
S 26	16 38 18	8°37'05	11♁ 2	8°37	7° 4	2°18	18°49	21°15	8°49	26°29	6°41	10° 2	8°42	21°30	n.a.
M27	16 42 14	9°34'54	23°19	7°46	8°18	2°57	18°57	21°12	8°51	26°31	6°43	10° 0	8°39	21°37	n.a.
T 28	16 46 11	10°32'44	5♁51	6°58	9°33	3°36	19° 5	21° 9	8°53	26°34	6°44	9°D59	8°36	21°44	n.a.
W29	16 50 7	11°30'36	18°43	6°12	10°47	4°15	19°13	21° 6	8°55	26°36	6°45	9°59	8°33	21°50	n.a.
T 30	16 54 4	12♁28'29	1♁58	5♁30	12♁ 1	4♁54	19♁22	21♁ 3	8♁57	26♁38	6♁47	10♁ 0	8♁30	21♁57	n.a.

Delta T = 21h44m05s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [6.2.2007]

SWISS EPHEMERIS for the year 3013 BCE

JULY 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	16 58 0	13II26°23	15Ω39	4°R53	13II16	5Ω33	19Ω30	20°R59	8°V59	26II40	6Ω48	10♌ 1	8♌27	22II 4	n.a.		
S 2	17 1 57	14°24'19	29°47	4II22	14°30	6°12	19°39	20Ω56	9° 1	26°42	6°49	10° 3	8°23	22°10	n.a.		
S 3	17 5 54	15°22'17	14II21	3°57	15°45	6°51	19°48	20°53	9° 3	26°45	6°50	10°R 3	8°20	22°17	n.a.		
M 4	17 9 50	16°20'16	29°17	3°39	17° 0	7°30	19°57	20°49	9° 4	26°47	6°52	10° 2	8°17	22°24	n.a.		
T 5	17 13 47	17°18'18	14°X27	3°29	18°14	8° 9	20° 6	20°46	9° 6	26°49	6°53	9°59	8°14	22°31	n.a.		
W 6	17 17 43	18°16'21	29°44	3°D26	19°29	8°48	20°15	20°42	9° 8	26°51	6°54	9°54	8°11	22°37	n.a.		
T 7	17 21 40	19°14'26	14Ω56	3°32	20°43	9°28	20°24	20°39	9°10	26°53	6°55	9°48	8° 8	22°44	n.a.		
F 8	17 25 36	20°12'33	29°52	3°46	21°58	10° 7	20°34	20°35	9°11	26°56	6°57	9°43	8° 4	22°51	n.a.		
S 9	17 29 33	21°10'43	14Ω26	4° 8	23°13	10°46	20°43	20°31	9°13	26°58	6°58	9°37	8° 1	22°57	n.a.		
S 10	17 33 29	22° 8'54	28°33	4°38	24°27	11°26	20°53	20°27	9°14	27° 0	6°59	9°33	7°58	23° 4	n.a.		
M11	17 37 26	23° 7'08	12X11	5°17	25°42	12° 5	21° 2	20°23	9°16	27° 2	7° 0	9°31	7°55	23°11	n.a.		
T 12	17 41 23	24° 5'24	25°22	6° 3	26°57	12°45	21°12	20°19	9°17	27° 4	7° 1	9°D31	7°52	23°17	n.a.		
W13	17 45 19	25° 3'42	8°V 9	6°58	28°11	13°24	21°22	20°15	9°19	27° 7	7° 2	9°31	7°48	23°24	n.a.		
T 14	17 49 16	26° 2'03	20°36	7°59	29°26	14° 4	21°32	20°11	9°20	27° 9	7° 3	9°33	7°45	23°31	n.a.		
F 15	17 53 12	27° 0'26	2Ω48	9° 7	0Ω41	14°44	21°42	20° 7	9°22	27°11	7° 4	9°34	7°42	23°37	n.a.		
S 16	17 57 9	27°58'51	14°48	10°22	1°56	15°23	21°52	20° 3	9°23	27°13	7° 6	9°R34	7°39	23°44	n.a.		
S 17	18 1 5	28°57'19	26°42	11°42	3°10	16° 3	22° 2	19°59	9°24	27°16	7° 7	9°32	7°36	23°51	n.a.		
M18	18 5 2	29°55'49	8II32	13° 8	4°25	16°43	22°13	19°54	9°25	27°18	7° 8	9°28	7°33	23°57	n.a.		
T 19	18 8 58	0Ω54'21	20°20	14°39	5°40	17°23	22°23	19°50	9°26	27°20	7° 9	9°22	7°29	24° 4	n.a.		
W20	18 12 55	1°52'55	2Ω10	16°14	6°55	18° 3	22°34	19°46	9°28	27°22	7°10	9°14	7°26	24°11	n.a.		
T 21	18 16 52	2°51'31	14° 3	17°52	8°10	18°42	22°44	19°41	9°29	27°25	7°11	9° 4	7°23	24°18	n.a.		
F 22	18 20 48	3°50'10	26° 1	19°34	9°25	19°22	22°55	19°37	9°30	27°27	7°11	8°53	7°20	24°24	n.a.		
S 23	18 24 45	4°48'50	8Ω 4	21°18	10°40	20° 2	23° 6	19°32	9°30	27°29	7°12	8°43	7°17	24°31	n.a.		
S 24	18 28 41	5°47'33	20°16	23° 5	11°55	20°42	23°17	19°28	9°31	27°31	7°13	8°33	7°14	24°38	n.a.		
M25	18 32 38	6°46'17	2II37	24°53	13° 9	21°23	23°28	19°23	9°32	27°33	7°14	8°26	7°10	24°44	n.a.		
T 26	18 36 34	7°45'04	15°11	26°43	14°24	22° 3	23°39	19°19	9°33	27°36	7°15	8°21	7° 7	24°51	n.a.		
W27	18 40 31	8°43'52	28° 1	28°34	15°39	22°43	23°50	19°14	9°34	27°38	7°16	8°19	7° 4	24°58	n.a.		
T 28	18 44 27	9°42'42	11Ω10	0Ω25	16°54	23°23	24° 1	19° 9	9°34	27°40	7°17	8°D18	7° 1	25° 4	n.a.		
F 29	18 48 24	10°41'35	24°41	2°17	18° 9	24° 4	24°12	19° 5	9°35	27°42	7°18	8°19	6°58	25°11	n.a.		
S 30	18 52 21	11°40'29	8II37	4° 8	19°24	24°44	24°24	19° 0	9°36	27°44	7°18	8°R19	6°54	25°18	n.a.		
S 31	18 56 17	12Ω39'25	22II57	6Ω 0	20Ω39	25Ω24	24Ω35	18Ω55	9°V36	27II47	7Ω19	8II18	6II51	25II24	n.a.		

Delta T = 21h44m02s Julian Calendar 1 July 3013 BCE == Greg. Calendar 6 June 3013 BCE
 The year -3012 astronomical counting style corresponds to year 3013 B.C.E historical counting style.

AUGUST 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	19 0 14	13Ω38'23	7°X42	7Ω52	21Ω54	26Ω 5	24Ω47	18°R50	9°V37	27II49	7Ω20	8°R15	6II48	25II31	n.a.		
T 2	19 4 10	14°37'24	22°45	9°43	23° 9	26°45	24°58	18Ω46	9°37	27°51	7°21	8II10	6°45	25°38	n.a.		
W 3	19 8 7	15°36'26	7Ω58	11°34	24°24	27°26	25°10	18°41	9°37	27°53	7°21	8° 2	6°42	25°45	n.a.		
T 4	19 12 3	16°35'31	23°11	13°24	25°39	28° 6	25°21	18°36	9°38	27°55	7°22	7°52	6°39	25°51	n.a.		
F 5	19 16 0	17°34'38	8Ω14	15°13	26°54	28°47	25°33	18°31	9°38	27°57	7°23	7°42	6°35	25°58	n.a.		
S 6	19 19 57	18°33'47	22°56	17° 2	28° 9	29°28	25°45	18°27	9°38	28° 0	7°23	7°32	6°32	26° 5	n.a.		
S 7	19 23 53	19°32'59	7°X12	18°50	29°24	0Ω 8	25°57	18°22	9°38	28° 2	7°24	7°24	6°29	26°11	n.a.		
M 8	19 27 50	20°32'13	20°58	20°38	0Ω39	0°49	26° 9	18°17	9°38	28° 4	7°25	7°18	6°26	26°18	n.a.		
T 9	19 31 46	21°31'29	4°V14	22°24	1°54	1°30	26°21	18°12	9°R38	28° 6	7°25	7°15	6°23	26°25	n.a.		
W10	19 35 43	22°30'48	17° 3	24°10	3° 9	2°11	26°33	18° 7	9°38	28° 8	7°26	7°14	6°19	26°31	n.a.		
T 11	19 39 39	23°30'10	29°30	25°54	4°24	2°52	26°45	18° 3	9°38	28°10	7°26	7°D14	6°16	26°38	n.a.		
F 12	19 43 36	24°29'35	11Ω39	27°39	5°39	3°33	26°57	17°58	9°38	28°12	7°27	7°R14	6°13	26°45	n.a.		
S 13	19 47 32	25°29'01	23°37	29°22	6°55	4°14	27°10	17°53	9°38	28°14	7°27	7°13	6°10	26°51	n.a.		
S 14	19 51 29	26°28'31	5II28	1Ω 4	8°10	4°55	27°22	17°48	9°38	28°16	7°28	7°10	6° 7	26°58	n.a.		
M15	19 55 26	27°28'03	17°16	2°46	9°25	5°36	27°34	17°44	9°38	28°18	7°28	7° 4	6° 4	27° 5	n.a.		
T 16	19 59 22	28°27'37	29° 5	4°26	10°40	6°17	27°47	17°39	9°37	28°20	7°28	6°55	6° 0	27°12	n.a.		
W17	20 3 19	29°27'14	10Ω58	6° 6	11°55	6°58	27°59	17°34	9°37	28°22	7°29	6°44	5°57	27°18	n.a.		
T 18	20 7 15	0Ω26'53	22°58	7°46	13°10	7°40	28°12	17°30	9°36	28°24	7°29	6°30	5°54	27°25	n.a.		
F 19	20 11 12	1°26'34	5Ω 5	9°24	14°25	8°21	28°24	17°25	9°36	28°26	7°30	6°16	5°51	27°32	n.a.		
S 20	20 15 8	2°26'17	17°20	11° 2	15°40	9° 2	28°37	17°21	9°35	28°28	7°30	6° 2	5°48	27°38	n.a.		
S 21	20 19 5	3°26'03	29°44	12°39	16°55	9°44	28°50	17°16	9°35	28°30	7°30	5°49	5°45	27°45	n.a.		
M22	20 23 1	4°25'50	12II17	14°15	18°10	10°25	29° 2	17°12	9°34	28°32	7°30	5°38	5°41	27°52	n.a.		
T 23	20 26 58	5°25'40	25° 2	15°51	19°25	11° 7	29°15	17° 7	9°34	28°34	7°31	5°31	5°38	27°58	n.a.		
W24	20 30 55	6°25'31	7Ω58	17°26	20°40	11°48	29°28	17° 3	9°33	28°36	7°31	5°27	5°35	28° 5	n.a.		
T 25	20 34 51	7°25'25	21° 9	19° 0	21°56	12°30	29°41	16°59	9°32	28°37	7°31	5°25	5°32	28°12	n.a.		
F 26	20 38 48	8°25'20	4II37	20°34	23°11	13°11	29°54	16°54	9°31	28°39	7°31	5°24	5°29	28°18	n.a.		
S 27	20 42 44	9°25'18	18°23	22° 7	24°26	13°53	0II 6	16°50	9°30	28°41	7°31	5°24	5°25	28°25	n.a.		
S 28	20 46 41	10°25'17	2°X29	23°40	25°41	14°35	0°19	16°46	9°29	28°43	7°32	5°23	5°22	28°32	n.a.		
M29	20 50 37	11°25'18	16°55	25°12	26°56	15°17	0°32	16°42	9°28	28°45	7°32	5°20	5°19	28°39	n.a.		
T 30	20 54 34	12°25'21	1Ω37	26°43	28°11	15°59	0°45	16°38	9°27	28°46	7°32	5°14	5°16	28°45	n.a.		
W31	20 58 30	13Ω25'26	16Ω32	28Ω13	29Ω26	16Ω41	0II58	16Ω34	9°V26	28II48	7Ω32	5II 5	5II13	28II52	n.a.		

Delta T = 21h43m59s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 3013 BCE

SEPTEMBER 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	21 2 27	14 ^Ω 25'32	1 [♁] 29	29 ^Ω 43	0 [♁] 41	17 ^Ω 22	1 [♁] 12	16 [°] R30	9 [°] R25	28 ^{II} 50	7 [°] R32	4 [°] R54	5 ^{ML} 10	28 ^{II} 59	n.a.
F 2	21 6 24	15 [°] 25'41	16 [°] 21	1 [♁] 13	1 [°] 56	18 [°] 4	1 [°] 25	16 ^Ω 26	9 [°] Y24	28 [°] 51	7 ^Ω 32	4 ^{ML} 42	5 [°] 6	29 [°] 5	n.a.
S 3	21 10 20	16 [°] 25'52	0 [♁] 58	2 [°] 42	3 [°] 11	18 [°] 47	1 [°] 38	16 [°] 22	9 [°] 23	28 [°] 53	7 [°] 32	4 [°] 31	5 [°] 3	29 [°] 12	n.a.
S 4	21 14 17	17 [°] 26'04	15 [°] 12	4 [°] 10	4 [°] 26	19 [°] 29	1 [°] 51	16 [°] 18	9 [°] 22	28 [°] 55	7 [°] 32	4 [°] 22	5 [°] 0	29 [°] 19	n.a.
M 5	21 18 13	18 [°] 26'19	29 [°] 0	5 [°] 37	5 [°] 41	20 [°] 11	2 [°] 4	16 [°] 15	9 [°] 20	28 [°] 56	7 [°] 32	4 [°] 15	4 [°] 57	29 [°] 25	n.a.
T 6	21 22 10	19 [°] 26'36	12 [°] Y20	7 [°] 4	6 [°] 56	20 [°] 53	2 [°] 17	16 [°] 11	9 [°] 19	28 [°] 58	7 [°] 32	4 [°] 10	4 [°] 54	29 [°] 32	n.a.
W 7	21 26 6	20 [°] 26'56	25 [°] 14	8 [°] 31	8 [°] 11	21 [°] 35	2 [°] 31	16 [°] 8	9 [°] 17	28 [°] 59	7 [°] 31	4 [°] 9	4 [°] 51	29 [°] 39	n.a.
T 8	21 30 3	21 [°] 27'17	7 ^Ω 45	9 [°] 56	9 [°] 26	22 [°] 18	2 [°] 44	16 [°] 4	9 [°] 16	29 [°] 1	7 [°] 31	4 [°] D 8	4 [°] 47	29 [°] 46	n.a.
F 9	21 33 59	22 [°] 27'41	19 [°] 57	11 [°] 21	10 [°] 41	23 [°] 0	2 [°] 57	16 [°] 1	9 [°] 15	29 [°] 2	7 [°] 31	4 [°] R 9	4 [°] 44	29 [°] 52	n.a.
S 10	21 37 56	23 [°] 28'07	1 ^{II} 56	12 [°] 45	11 [°] 56	23 [°] 42	3 [°] 10	15 [°] 58	9 [°] 13	29 [°] 4	7 [°] 31	4 [°] 8	4 [°] 41	29 [°] 59	n.a.
S 11	21 41 53	24 [°] 28'36	13 [°] 47	14 [°] 8	13 [°] 11	24 [°] 25	3 [°] 24	15 [°] 54	9 [°] 11	29 [°] 5	7 [°] 31	4 [°] 6	4 [°] 38	0 ^Ω 6	n.a.
M12	21 45 49	25 [°] 29'06	25 [°] 36	15 [°] 30	14 [°] 26	25 [°] 7	3 [°] 37	15 [°] 51	9 [°] 10	29 [°] 7	7 [°] 30	4 [°] 2	4 [°] 35	0 [°] 12	n.a.
T13	21 49 46	26 [°] 29'38	7 ^Ω 28	16 [°] 52	15 [°] 41	25 [°] 50	3 [°] 50	15 [°] 48	9 [°] 8	29 [°] 8	7 [°] 30	3 [°] 55	4 [°] 31	0 [°] 19	n.a.
W14	21 53 42	27 [°] 30'13	19 [°] 25	18 [°] 12	16 [°] 56	26 [°] 32	4 [°] 4	15 [°] 45	9 [°] 6	29 [°] 10	7 [°] 30	3 [°] 46	4 [°] 28	0 [°] 26	n.a.
T15	21 57 39	28 [°] 30'49	1 ^Ω 31	19 [°] 31	18 [°] 11	27 [°] 15	4 [°] 17	15 [°] 42	9 [°] 5	29 [°] 11	7 [°] 30	3 [°] 34	4 [°] 25	0 [°] 32	n.a.
F16	22 1 35	29 [°] 31'28	13 [°] 48	20 [°] 49	19 [°] 26	27 [°] 58	4 [°] 30	15 [°] 40	9 [°] 3	29 [°] 12	7 [°] 29	3 [°] 22	4 [°] 22	0 [°] 39	n.a.
S17	22 5 32	0 [♁] 32'08	26 [°] 17	22 [°] 5	20 [°] 41	28 [°] 41	4 [°] 44	15 [°] 37	9 [°] 1	29 [°] 14	7 [°] 29	3 [°] 10	4 [°] 19	0 [°] 46	n.a.
S18	22 9 28	1 [°] 32'50	8 [♁] 58	23 [°] 20	21 [°] 56	29 [°] 23	4 [°] 57	15 [°] 34	8 [°] 59	29 [°] 15	7 [°] 28	2 [°] 59	4 [°] 16	0 [°] 53	n.a.
M19	22 13 25	2 [°] 33'33	21 [°] 51	24 [°] 33	23 [°] 11	0 [♁] 6	5 [°] 11	15 [°] 32	8 [°] 57	29 [°] 16	7 [°] 28	2 [°] 50	4 [°] 12	0 [°] 59	n.a.
T20	22 17 21	3 [°] 34'18	4 ^Ω 55	25 [°] 44	24 [°] 25	0 [°] 49	5 [°] 24	15 [°] 30	8 [°] 55	29 [°] 17	7 [°] 28	2 [°] 44	4 [°] 9	1 [°] 6	n.a.
W21	22 21 18	4 [°] 35'05	18 [°] 10	26 [°] 53	25 [°] 40	1 [°] 32	5 [°] 38	15 [°] 27	8 [°] 53	29 [°] 18	7 [°] 27	2 [°] 40	4 [°] 6	1 [°] 13	n.a.
T22	22 25 15	5 [°] 35'53	1 ^{ML} 35	28 [°] 0	26 [°] 55	2 [°] 15	5 [°] 51	15 [°] 25	8 [°] 51	29 [°] 20	7 [°] 27	2 [°] D39	4 [°] 3	1 [°] 19	n.a.
F23	22 29 11	6 [°] 36'42	15 [°] 11	29 [°] 3	28 [°] 10	2 [°] 58	6 [°] 4	15 [°] 23	8 [°] 49	29 [°] 21	7 [°] 26	2 [°] 40	4 [°] 0	1 [°] 26	n.a.
S24	22 33 8	7 [°] 37'33	28 [°] 59	0 ^Ω 3	29 [°] 25	3 [°] 41	6 [°] 18	15 [°] 21	8 [°] 47	29 [°] 22	7 [°] 26	2 [°] 40	3 [°] 56	1 [°] 33	n.a.
S25	22 37 4	8 [°] 38'25	12 [♁] 59	1 [°] 0	0 ^Ω 40	4 [°] 24	6 [°] 31	15 [°] 19	8 [°] 45	29 [°] 23	7 [°] 25	2 [°] R41	3 [°] 53	1 [°] 39	n.a.
M26	22 41 1	9 [°] 39'18	27 [°] 11	1 [°] 53	1 [°] 55	5 [°] 8	6 [°] 45	15 [°] 17	8 [°] 43	29 [°] 24	7 [°] 24	2 [°] 39	3 [°] 50	1 [°] 46	n.a.
T27	22 44 57	10 [°] 40'12	11 ^Ω 32	2 [°] 41	3 [°] 9	5 [°] 51	6 [°] 58	15 [°] 16	8 [°] 41	29 [°] 25	7 [°] 24	2 [°] 36	3 [°] 47	1 [°] 53	n.a.
W28	22 48 54	11 [°] 41'07	26 [°] 0	3 [°] 24	4 [°] 24	6 [°] 34	7 [°] 12	15 [°] 14	8 [°] 39	29 [°] 26	7 [°] 23	2 [°] 30	3 [°] 44	2 [°] 0	n.a.
T29	22 52 50	12 [°] 42'04	10 ^Ω 30	4 [°] 1	5 [°] 39	7 [°] 17	7 [°] 25	15 [°] 13	8 [°] 37	29 [°] 27	7 [°] 23	2 [°] 22	3 [°] 41	2 [°] 6	n.a.
F30	22 56 47	13 [♁] 43'02	24 ^Ω 56	4 ^Ω 31	6 ^Ω 54	8 [♁] 1	7 [♁] 38	15 ^Ω 11	8 [°] Y34	29 ^{II} 28	7 ^Ω 22	2 ^{ML} 14	3 ^{ML} 37	2 ^Ω 13	n.a.

Delta T = 21h43m56s Julian Calendar 1 Sept. 3013 BCE == Greg. Calendar 7 Aug. 3013 BCE

The year -3012 astronomical counting style corresponds to year 3013 B.C.E historical counting style.

OCTOBER 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	23 0 44	14 [♁] 44'00	9 [♁] 11	4 ^Ω 54	8 ^Ω 8	8 [♁] 44	7 [♁] 52	15 [°] R10	8 [°] R32	29 ^{II} 28	7 [°] R21	2 [°] R 6	3 ^{ML} 34	2 ^Ω 20	n.a.
S 2	23 4 40	15 [°] 45'00	23 [°] 10	5 [°] 9	9 [°] 23	9 [°] 28	8 [°] 5	15 ^Ω 9	8 [°] Y30	29 [°] 29	7 ^Ω 21	1 ^{ML} 59	3 [°] 31	2 [°] 26	n.a.
M 3	23 8 37	16 [°] 46'02	6 [°] Y49	5 [°] R16	10 [°] 38	10 [°] 11	8 [°] 18	15 [°] 8	8 [°] 27	29 [°] 30	7 [°] 20	1 [°] 54	3 [°] 28	2 [°] 33	n.a.
T 4	23 12 33	17 [°] 47'04	20 [°] 5	5 [°] 12	11 [°] 52	10 [°] 55	8 [°] 32	15 [°] 7	8 [°] 25	29 [°] 31	7 [°] 19	1 [°] 52	3 [°] 25	2 [°] 40	n.a.
W 5	23 16 30	18 [°] 48'08	2 ^Ω 58	4 [°] 58	13 [°] 7	11 [°] 38	8 [°] 45	15 [°] 6	8 [°] 23	29 [°] 32	7 [°] 18	1 [°] D51	3 [°] 22	2 [°] 46	n.a.
T 6	23 20 26	19 [°] 49'14	15 [°] 31	4 [°] 34	14 [°] 22	12 [°] 22	8 [°] 59	15 [°] 5	8 [°] 20	29 [°] 32	7 [°] 18	1 [°] 52	3 [°] 18	2 [°] 53	n.a.
F 7	23 24 23	20 [°] 50'21	27 [°] 46	3 [°] 58	15 [°] 36	13 [°] 6	9 [°] 12	15 [°] 5	8 [°] 18	29 [°] 33	7 [°] 17	1 [°] 53	3 [°] 15	3 [°] 0	n.a.
S 8	23 28 19	21 [°] 51'29	9 ^{II} 48	3 [°] 12	16 [°] 51	13 [°] 50	9 [°] 25	15 [°] 4	8 [°] 15	29 [°] 34	7 [°] 16	1 [°] 55	3 [°] 12	3 [°] 7	n.a.
S 9	23 32 16	22 [°] 52'39	21 [°] 41	2 [°] 15	18 [°] 6	14 [°] 33	9 [°] 38	15 [°] 4	8 [°] 13	29 [°] 34	7 [°] 15	1 [°] R56	3 [°] 9	3 [°] 13	n.a.
M10	23 36 13	23 [°] 53'49	3 ^Ω 32	1 [°] 9	19 [°] 20	15 [°] 17	9 [°] 52	15 [°] 4	8 [°] 11	29 [°] 35	7 [°] 14	1 [°] 55	3 [°] 6	3 [°] 20	n.a.
T11	23 40 9	24 [°] 55'01	15 [°] 25	29 [♁] 56	20 [°] 35	16 [°] 1	10 [°] 5	15 [°] 3	8 [°] 8	29 [°] 35	7 [°] 13	1 [°] 53	3 [°] 2	3 [°] 27	n.a.
W12	23 44 6	25 [°] 56'15	27 [°] 24	28 [°] 36	21 [°] 49	16 [°] 45	10 [°] 18	15 [°] D 3	8 [°] 6	29 [°] 36	7 [°] 13	1 [°] 49	2 [°] 59	3 [°] 33	n.a.
T13	23 48 2	26 [°] 57'29	9 ^Ω 34	27 [°] 14	23 [°] 4	17 [°] 29	10 [°] 31	15 [°] 4	8 [°] 3	29 [°] 36	7 [°] 12	1 [°] 44	2 [°] 56	3 [°] 40	n.a.
F14	23 51 59	27 [°] 58'44	21 [°] 58	25 [°] 52	24 [°] 18	18 [°] 13	10 [°] 45	15 [°] 4	8 [°] 1	29 [°] 37	7 [°] 11	1 [°] 37	2 [°] 53	3 [°] 47	n.a.
S15	23 55 55	29 [°] 0'00	4 [♁] 38	24 [°] 32	25 [°] 33	18 [°] 57	10 [°] 58	15 [°] 4	7 [°] 58	29 [°] 37	7 [°] 10	1 [°] 31	2 [°] 50	3 [°] 54	n.a.
S16	23 59 52	0 ^Ω 1'17	17 [°] 35	23 [°] 17	26 [°] 47	19 [°] 41	11 [°] 11	15 [°] 4	7 [°] 56	29 [°] 37	7 [°] 9	1 [°] 26	2 [°] 47	4 [°] 0	n.a.
M17	0 3 48	1 [°] 2'35	0 ^Ω 47	22 [°] 9	28 [°] 2	20 [°] 26	11 [°] 24	15 [°] 5	7 [°] 53	29 [°] 38	7 [°] 8	1 [°] 22	2 [°] 43	4 [°] 7	n.a.
T18	0 7 45	2 [°] 3'54	14 [°] 15	21 [°] 11	29 [°] 16	21 [°] 10	11 [°] 37	15 [°] 6	7 [°] 50	29 [°] 38	7 [°] 7	1 [°] 19	2 [°] 40	4 [°] 14	n.a.
W19	0 11 41	3 [°] 5'13	27 [°] 56	20 [°] 23	0 ^{ML} 31	21 [°] 54	11 [°] 50	15 [°] 6	7 [°] 48	29 [°] 38	7 [°] 6	1 [°] D18	2 [°] 37	4 [°] 20	n.a.
T20	0 15 38	4 [°] 6'33	11 ^{ML} 47	19 [°] 46	1 [°] 45	22 [°] 38	12 [°] 3	15 [°] 7							

SWISS EPHEMERIS for the year 3013 BCE

NOVEMBER 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	1 2 57	16♂22'42	28♀ 2	24♏22	16♏36	1♂33	14♏35	15♂26	7°R15	29°R38	6°R52	1°D 8	1♏56	5♂48	n.a.
W 2	1 6 53	17°24'04	10♂47	25°24	17°50	2°18	14°48	15°28	7°Y12	29°II38	6♂50	1♏ 8	1°53	5°54	n.a.
T 3	1 10 50	18°25'25	23°15	26°29	19° 4	3° 3	15° 0	15°31	7°10	29°38	6°49	1° 9	1°49	6° 1	n.a.
F 4	1 14 46	19°26'47	5♏29	27°37	20°18	3°48	15°12	15°33	7° 7	29°38	6°48	1°10	1°46	6° 8	n.a.
S 5	1 18 43	20°28'08	17°32	28°47	21°31	4°33	15°24	15°36	7° 5	29°37	6°47	1°11	1°43	6°14	n.a.
S 6	1 22 39	21°29'30	29°27	0♂ 0	22°45	5°18	15°37	15°39	7° 2	29°37	6°46	1°12	1°40	6°21	n.a.
M 7	1 26 36	22°30'52	11♏18	1°15	23°59	6° 3	15°49	15°41	7° 0	29°36	6°44	1°13	1°37	6°28	n.a.
T 8	1 30 33	23°32'14	23°11	2°31	25°13	6°48	16° 1	15°44	6°57	29°36	6°43	1°R13	1°33	6°35	n.a.
W 9	1 34 29	24°33'36	5♏10	3°49	26°27	7°33	16°13	15°47	6°55	29°36	6°42	1°13	1°30	6°41	n.a.
T 10	1 38 26	25°34'58	17°19	5° 9	27°41	8°18	16°24	15°50	6°52	29°35	6°41	1°13	1°27	6°48	n.a.
F 11	1 42 22	26°36'20	29°44	6°29	28°54	9° 4	16°36	15°54	6°50	29°34	6°39	1°12	1°24	6°55	n.a.
S 12	1 46 19	27°37'42	12♏26	7°51	0♂ 8	9°49	16°48	15°57	6°48	29°34	6°38	1°12	1°21	7° 1	n.a.
S 13	1 50 15	28°39'04	25°30	9°14	1°22	10°34	17° 0	16° 0	6°45	29°33	6°37	1°11	1°18	7° 8	n.a.
M14	1 54 12	29°40'25	8♂56	10°38	2°35	11°19	17°11	16° 4	6°43	29°33	6°36	1°11	1°14	7°15	n.a.
T 15	1 58 8	0♏41'46	22°43	12° 2	3°49	12° 5	17°23	16° 8	6°41	29°32	6°34	1°11	1°11	7°22	n.a.
W16	2 2 5	1°43'06	6♏48	13°28	5° 2	12°50	17°34	16°11	6°38	29°31	6°33	1°11	1° 8	7°28	n.a.
T 17	2 6 1	2°44'26	21° 8	14°54	6°16	13°36	17°46	16°15	6°36	29°31	6°32	1°11	1° 5	7°35	n.a.
F 18	2 9 58	3°45'46	5♂37	16°21	7°29	14°21	17°57	16°19	6°34	29°30	6°31	1°11	1° 2	7°42	n.a.
S 19	2 13 55	4°47'04	20°10	17°48	8°43	15° 7	18° 8	16°23	6°32	29°29	6°29	1°10	0°59	7°48	n.a.
S 20	2 17 51	5°48'22	4♂41	19°17	9°56	15°52	18°19	16°27	6°30	29°28	6°28	1°10	0°55	7°55	n.a.
M21	2 21 48	6°49'38	19° 4	20°45	11° 9	16°38	18°30	16°31	6°27	29°27	6°27	1°10	0°52	8° 2	n.a.
T 22	2 25 44	7°50'54	3♏17	22°15	12°23	17°23	18°41	16°35	6°25	29°27	6°25	1°D 9	0°49	8° 9	n.a.
W23	2 29 41	8°52'08	17°18	23°45	13°36	18° 9	18°52	16°40	6°23	29°26	6°24	1° 9	0°46	8°15	n.a.
T 24	2 33 37	9°53'21	1♂ 5	25°15	14°49	18°55	19° 3	16°44	6°21	29°25	6°23	1°10	0°43	8°22	n.a.
F 25	2 37 34	10°54'33	14°38	26°46	16° 2	19°40	19°14	16°49	6°19	29°24	6°22	1°11	0°39	8°29	n.a.
S 26	2 41 30	11°55'43	27°57	28°18	17°15	20°26	19°24	16°53	6°17	29°23	6°20	1°12	0°36	8°35	n.a.
S 27	2 45 27	12°56'53	11♀ 3	29°50	18°28	21°12	19°35	16°58	6°15	29°22	6°19	1°13	0°33	8°42	n.a.
M28	2 49 24	13°58'01	23°56	1♏22	19°41	21°57	19°45	17° 3	6°13	29°21	6°18	1°13	0°30	8°49	n.a.
T 29	2 53 20	14°59'08	6♂36	2°56	20°54	22°43	19°55	17° 8	6°12	29°20	6°17	1°R13	0°27	8°56	n.a.
W30	2 57 17	16♏ 0'14	19♂ 5	4♏30	22♂ 7	23♂29	20♏ 6	17♂13	6♀10	29♏19	6♂15	1♏12	0♏24	9♂ 2	n.a.

Delta T = 21h43m51s Julian Calendar 1 Nov. 3013 BCE == Greg. Calendar 7 Oct. 3013 BCE
 The year -3012 astronomical counting style corresponds to year 3013 B.C.E historical counting style.

DECEMBER 3013 BCE (-3012) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	3 1 13	17♏ 1'19	1♏23	6♏ 4	23♂19	24♂15	20♏16	17♂18	6°R 8	29°R17	6°R14	1°R11	0♏20	9♂ 9	n.a.
F 2	3 5 10	18° 2'23	13°32	7°39	24°32	25° 1	20°26	17°23	6°Y 6	29°II16	6♂13	1♏ 9	0°17	9°16	n.a.
S 3	3 9 6	19° 3'26	25°32	9°15	25°45	25°47	20°36	17°28	6° 5	29°15	6°12	1° 6	0°14	9°22	n.a.
S 4	3 13 3	20° 4'28	7♂26	10°51	26°57	26°33	20°45	17°33	6° 3	29°14	6°10	1° 3	0°11	9°29	n.a.
M 5	3 16 59	21° 5'29	19°18	12°28	28°10	27°19	20°55	17°39	6° 1	29°13	6° 9	1° 0	0° 8	9°36	n.a.
T 6	3 20 56	22° 6'28	1♏10	14° 5	29°22	28° 5	21° 5	17°44	6° 0	29°12	6° 8	0°57	0° 4	9°43	n.a.
W 7	3 24 53	23° 7'27	13° 7	15°43	0♂34	28°51	21°14	17°49	5°58	29°10	6° 7	0°56	0° 1	9°49	n.a.
T 8	3 28 49	24° 8'24	25°13	17°22	1°46	29°37	21°23	17°55	5°57	29° 9	6° 6	0°D55	29♂58	9°56	n.a.
F 9	3 32 46	25° 9'21	7♏34	19° 2	2°59	0♏23	21°33	18° 1	5°55	29° 8	6° 4	0°56	29°55	10° 3	n.a.
S 10	3 36 42	26°10'16	20°12	20°42	4°11	1° 9	21°42	18° 6	5°54	29° 6	6° 3	0°57	29°52	10° 9	n.a.
S 11	3 40 39	27°11'10	3♂13	22°23	5°23	1°55	21°51	18°12	5°53	29° 5	6° 2	0°59	29°49	10°16	n.a.
M12	3 44 35	28°12'02	16°40	24° 5	6°34	2°41	22° 0	18°18	5°51	29° 4	6° 1	1° 0	29°45	10°23	n.a.
T 13	3 48 32	29°12'54	0♏33	25°47	7°46	3°27	22° 8	18°24	5°50	29° 2	6° 0	1°R 1	29°42	10°30	n.a.
W14	3 52 28	0♂13'44	14°52	27°31	8°58	4°13	22°17	18°30	5°49	29° 1	5°59	1° 0	29°39	10°36	n.a.
T 15	3 56 25	1°14'32	29°31	29°15	10°10	5° 0	22°26	18°36	5°48	28°59	5°57	0°58	29°36	10°43	n.a.
F 16	4 0 22	2°15'19	14♂26	1♂ 0	11°21	5°46	22°34	18°42	5°46	28°58	5°56	0°54	29°33	10°50	n.a.
S 17	4 4 18	3°16'05	29°27	2°45	12°33	6°32	22°42	18°48	5°45	28°57	5°55	0°50	29°30	10°56	n.a.
S 18	4 8 15	4°16'48	14♂25	4°32	13°44	7°18	22°50	18°54	5°44	28°55	5°54	0°45	29°26	11° 3	n.a.
M19	4 12 11	5°17'30	29°12	6°19	14°55	8° 5	22°58	19° 1	5°43	28°54	5°53	0°40	29°23	11°10	n.a.
T 20	4 16 8	6°18'09	13♏41	8° 7	16° 6	8°51	23° 6	19° 7	5°42	28°52	5°52	0°37	29°20	11°17	n.a.
W21	4 20 4	7°18'47	27°48	9°55	17°17	9°37	23°14	19°13	5°42	28°51	5°51	0°35	29°17	11°23	n.a.
T 22	4 24 1	8°19'22	11♂34	11°44	18°28	10°24	23°22	19°20	5°41	28°49	5°50	0°D34	29°14	11°30	n.a.
F 23	4 27 57	9°19'55	24°57	13°34	19°39	11°10	23°29	19°26	5°40	28°48	5°49	0°35	29°10	11°37	n.a.
S 24	4 31 54	10°20'26	8♀ 1	15°25	20°50	11°56	23°36	19°33	5°39	28°46	5°48	0°37	29° 7	11°43	n.a.
S 25	4 35 51	11°20'55	20°49	17°16	22° 0	12°43	23°43	19°39	5°39	28°44	5°47	0°38	29° 4	11°50	n.a.
M26	4 39 47	12°21'22	3♂22	19° 7	23°11	13°29	23°50	19°46	5°38	28°43	5°46	0°R39	29° 1	11°57	n.a.
T 27	4 43 44	13°21'47	15°44	20°59	24°21	14°15	23°57	19°53	5°37	28°41	5°45	0°37	28°58	12° 4	n.a.
W28	4 47 40	14°22'09	27°58	22°51	25°31	15° 2	24° 4	20° 0	5°37	28°40	5°44	0°34	28°55	12°10	n.a.
T 29	4 51 37	15°22'30	10♏ 4	24°42	26°41	15°48	24°11	20° 6	5°36	28°38	5°43	0°28	28°51	12°17	n.a.
F 30	4 55 33	16°22'49	22° 4	26°34	27°51	16°35	24°17	20°13	5°36	28°36	5°42	0°21	28°48	12°24	n.a.
S 31	4 59 30	17♂23'06	4♂ 0	28♂25	29♂ 1	17♏21	24♏23	20♂20	5♀36	28♏35	5♂41	0♏12	28♂45	12♂30	n.a.

Delta T = 21h43m48s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]