

SWISS EPHEMERIS for the year 3198 BCE

JANUARY 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	4 56 0	16 ²⁷ 36'42	21 ²⁷ 53	1 ²⁷ 53	10 ²⁷ 3	13 ²⁷ 26	4 ²⁷ 33	9 ²⁷ 43	21 ²⁷ 4	7 ²⁷ R58	27 ²⁷ R52	28 ²⁷ R 3	26 ²⁷ Ω34	2 ²⁷ Ω28	n.a.
S 2	4 59 57	17 ²⁷ 36'56	7 ²⁷ 9	3 ²⁷ 31	11 ²⁷ 17	14 ²⁷ 13	4 ²⁷ 47	9 ²⁷ 47	21 ²⁷ 7	7 ²⁷ Ω57	27 ²⁷ Ω52	27 ²⁷ Ω55	26 ²⁷ 30	2 ²⁷ 35	n.a.
S 3	5 3 53	18 ²⁷ 37'07	22 ²⁷ 17	5 ²⁷ 10	12 ²⁷ 32	15 ²⁷ 0	5 ²⁷ 1	9 ²⁷ 51	21 ²⁷ 10	7 ²⁷ 55	27 ²⁷ 52	27 ²⁷ 47	26 ²⁷ 27	2 ²⁷ 41	n.a.
M 4	5 7 50	19 ²⁷ 37'15	7 ²⁷ Ω 9	6 ²⁷ 50	13 ²⁷ 47	15 ²⁷ 47	5 ²⁷ 15	9 ²⁷ 54	21 ²⁷ 13	7 ²⁷ 54	27 ²⁷ 52	27 ²⁷ 40	26 ²⁷ 24	2 ²⁷ 48	n.a.
T 5	5 11 47	20 ²⁷ 37'21	21 ²⁷ 37	8 ²⁷ 32	15 ²⁷ 1	16 ²⁷ 34	5 ²⁷ 29	9 ²⁷ 58	21 ²⁷ 16	7 ²⁷ 53	27 ²⁷ 51	27 ²⁷ 35	26 ²⁷ 21	2 ²⁷ 55	n.a.
W 6	5 15 43	21 ²⁷ 37'25	5 ²⁷ Ω37	10 ²⁷ 14	16 ²⁷ 16	17 ²⁷ 21	5 ²⁷ 43	10 ²⁷ 2	21 ²⁷ 19	7 ²⁷ 52	27 ²⁷ 51	27 ²⁷ 31	26 ²⁷ 18	3 ²⁷ 1	n.a.
T 7	5 19 40	22 ²⁷ 37'26	19 ²⁷ 10	11 ²⁷ 57	17 ²⁷ 31	18 ²⁷ 8	5 ²⁷ 57	10 ²⁷ 5	21 ²⁷ 22	7 ²⁷ 51	27 ²⁷ 50	27 ²⁷ D30	26 ²⁷ 14	3 ²⁷ 8	n.a.
F 8	5 23 36	23 ²⁷ 37'25	2 ²⁷ Ω18	13 ²⁷ 42	18 ²⁷ 45	18 ²⁷ 55	6 ²⁷ 11	10 ²⁷ 9	21 ²⁷ 25	7 ²⁷ 50	27 ²⁷ 50	27 ²⁷ 30	26 ²⁷ 11	3 ²⁷ 15	n.a.
S 9	5 27 33	24 ²⁷ 37'22	15 ²⁷ 3	15 ²⁷ 27	20 ²⁷ 0	19 ²⁷ 42	6 ²⁷ 26	10 ²⁷ 12	21 ²⁷ 28	7 ²⁷ 49	27 ²⁷ 50	27 ²⁷ 31	26 ²⁷ 8	3 ²⁷ 22	n.a.
S 10	5 31 29	25 ²⁷ 37'16	27 ²⁷ 31	17 ²⁷ 14	21 ²⁷ 14	20 ²⁷ 29	6 ²⁷ 40	10 ²⁷ 15	21 ²⁷ 31	7 ²⁷ 48	27 ²⁷ 49	27 ²⁷ R32	26 ²⁷ 5	3 ²⁷ 28	n.a.
M 11	5 35 26	26 ²⁷ 37'07	9 ²⁷ Ω46	19 ²⁷ 1	22 ²⁷ 29	21 ²⁷ 15	6 ²⁷ 54	10 ²⁷ 19	21 ²⁷ 34	7 ²⁷ 47	27 ²⁷ 49	27 ²⁷ 31	26 ²⁷ 2	3 ²⁷ 35	n.a.
T 12	5 39 22	27 ²⁷ 36'57	21 ²⁷ 51	20 ²⁷ 50	23 ²⁷ 43	22 ²⁷ 2	7 ²⁷ 8	10 ²⁷ 22	21 ²⁷ 38	7 ²⁷ 46	27 ²⁷ 48	27 ²⁷ 28	25 ²⁷ 59	3 ²⁷ 42	n.a.
W 13	5 43 19	28 ²⁷ 36'44	3 ²⁷ Ω49	22 ²⁷ 40	24 ²⁷ 58	22 ²⁷ 49	7 ²⁷ 23	10 ²⁷ 25	21 ²⁷ 41	7 ²⁷ 45	27 ²⁷ 47	27 ²⁷ 22	25 ²⁷ 55	3 ²⁷ 48	n.a.
T 14	5 47 15	29 ²⁷ 36'28	15 ²⁷ 43	24 ²⁷ 31	26 ²⁷ 12	23 ²⁷ 36	7 ²⁷ 37	10 ²⁷ 28	21 ²⁷ 44	7 ²⁷ 44	27 ²⁷ 47	27 ²⁷ 14	25 ²⁷ 52	3 ²⁷ 55	n.a.
F 15	5 51 12	0 ²⁷ 36'11	27 ²⁷ 36	26 ²⁷ 23	27 ²⁷ 27	24 ²⁷ 22	7 ²⁷ 51	10 ²⁷ 31	21 ²⁷ 47	7 ²⁷ 43	27 ²⁷ 46	27 ²⁷ 3	25 ²⁷ 49	4 ²⁷ 2	n.a.
S 16	5 55 9	1 ²⁷ 35'51	9 ²⁷ Ω28	28 ²⁷ 16	28 ²⁷ 41	25 ²⁷ 9	8 ²⁷ 5	10 ²⁷ 33	21 ²⁷ 50	7 ²⁷ 42	27 ²⁷ 45	26 ²⁷ 51	25 ²⁷ 46	4 ²⁷ 9	n.a.
S 17	5 59 5	2 ²⁷ 35'29	21 ²⁷ 21	0 ²⁷ 310	29 ²⁷ 56	25 ²⁷ 55	8 ²⁷ 20	10 ²⁷ 36	21 ²⁷ 54	7 ²⁷ 41	27 ²⁷ 45	26 ²⁷ 38	25 ²⁷ 43	4 ²⁷ 15	n.a.
M 18	6 3 2	3 ²⁷ 35'04	3 ²⁷ Ω16	2 ²⁷ 6	1 ²⁷ 10	26 ²⁷ 42	8 ²⁷ 34	10 ²⁷ 39	21 ²⁷ 57	7 ²⁷ 40	27 ²⁷ 44	26 ²⁷ 26	25 ²⁷ 40	4 ²⁷ 22	n.a.
T 19	6 6 58	4 ²⁷ 34'38	15 ²⁷ 16	4 ²⁷ 2	2 ²⁷ 25	27 ²⁷ 29	8 ²⁷ 48	10 ²⁷ 41	22 ²⁷ 0	7 ²⁷ 40	27 ²⁷ 43	26 ²⁷ 15	25 ²⁷ 36	4 ²⁷ 29	n.a.
W 20	6 10 55	5 ²⁷ 34'10	27 ²⁷ 23	5 ²⁷ 59	3 ²⁷ 39	28 ²⁷ 15	9 ²⁷ 3	10 ²⁷ 44	22 ²⁷ 4	7 ²⁷ 39	27 ²⁷ 42	26 ²⁷ 6	25 ²⁷ 33	4 ²⁷ 35	n.a.
T 21	6 14 51	6 ²⁷ 33'39	9 ²⁷ Ω39	7 ²⁷ 57	4 ²⁷ 53	29 ²⁷ 2	9 ²⁷ 17	10 ²⁷ 46	22 ²⁷ 7	7 ²⁷ 38	27 ²⁷ 41	26 ²⁷ 1	25 ²⁷ 30	4 ²⁷ 42	n.a.
F 22	6 18 48	7 ²⁷ 33'06	22 ²⁷ 8	9 ²⁷ 56	6 ²⁷ 8	29 ²⁷ 48	9 ²⁷ 31	10 ²⁷ 48	22 ²⁷ 10	7 ²⁷ 37	27 ²⁷ 41	25 ²⁷ 58	25 ²⁷ 27	4 ²⁷ 49	n.a.
S 23	6 22 45	8 ²⁷ 32'32	4 ²⁷ Ω4	11 ²⁷ 56	7 ²⁷ 22	0 ²⁷ 34	9 ²⁷ 46	10 ²⁷ 50	22 ²⁷ 14	7 ²⁷ 37	27 ²⁷ 40	25 ²⁷ D57	25 ²⁷ 24	4 ²⁷ 56	n.a.
S 24	6 26 41	9 ²⁷ 31'55	18 ²⁷ 1	13 ²⁷ 56	8 ²⁷ 37	1 ²⁷ 21	10 ²⁷ 0	10 ²⁷ 52	22 ²⁷ 17	7 ²⁷ 36	27 ²⁷ 39	25 ²⁷ 57	25 ²⁷ 20	5 ²⁷ 2	n.a.
M 25	6 30 38	10 ²⁷ 31'17	1 ²⁷ Ω33	15 ²⁷ 56	9 ²⁷ 51	2 ²⁷ 7	10 ²⁷ 14	10 ²⁷ 54	22 ²⁷ 20	7 ²⁷ 36	27 ²⁷ 38	25 ²⁷ R57	25 ²⁷ 17	5 ²⁷ 9	n.a.
T 26	6 34 34	11 ²⁷ 30'36	15 ²⁷ 32	17 ²⁷ 57	11 ²⁷ 5	2 ²⁷ 54	10 ²⁷ 29	10 ²⁷ 56	22 ²⁷ 24	7 ²⁷ 35	27 ²⁷ 37	25 ²⁷ 55	25 ²⁷ 14	5 ²⁷ 16	n.a.
W 27	6 38 31	12 ²⁷ 29'54	29 ²⁷ 59	19 ²⁷ 58	12 ²⁷ 20	3 ²⁷ 40	10 ²⁷ 43	10 ²⁷ 58	22 ²⁷ 27	7 ²⁷ 34	27 ²⁷ 36	25 ²⁷ 52	25 ²⁷ 11	5 ²⁷ 22	n.a.
T 28	6 42 27	13 ²⁷ 29'10	14 ²⁷ Ω50	21 ²⁷ 58	13 ²⁷ 34	4 ²⁷ 26	10 ²⁷ 58	11 ²⁷ 0	22 ²⁷ 30	7 ²⁷ 34	27 ²⁷ 35	25 ²⁷ 46	25 ²⁷ 8	5 ²⁷ 29	n.a.
F 29	6 46 24	14 ²⁷ 28'23	0 ²⁷ 3 1	23 ²⁷ 57	14 ²⁷ 48	5 ²⁷ 12	11 ²⁷ 12	11 ²⁷ 1	22 ²⁷ 34	7 ²⁷ 33	27 ²⁷ 34	25 ²⁷ 37	25 ²⁷ 5	5 ²⁷ 36	n.a.
S 30	6 50 20	15 ²⁷ 27'35	15 ²⁷ 20	25 ²⁷ 56	16 ²⁷ 2	5 ²⁷ 58	11 ²⁷ 26	11 ²⁷ 3	22 ²⁷ 37	7 ²⁷ 33	27 ²⁷ 32	25 ²⁷ 26	25 ²⁷ 1	5 ²⁷ 43	n.a.
S 31	6 54 17	16 ²⁷ 26'44	0 ²⁷ Ω36	27 ²⁷ 53	17 ²⁷ Ω17	6 ²⁷ Ω45	11 ²⁷ Ω41	11 ²⁷ Ω 4	22 ²⁷ Ω41	7 ²⁷ Ω33	27 ²⁷ Ω31	25 ²⁷ Ω15	24 ²⁷ Ω58	5 ²⁷ Ω49	n.a.

Delta T = 23h28m01s Julian Calendar 1 Jan. 3198 BCE == Greg. Calendar 6 Dec. 3199 BCE
 The year -3197 astronomical counting style corresponds to year 3198 B.C.E historical counting style.

FEBRUARY 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	6 58 14	17 ²⁷ 25'50	15 ²⁷ Ω39	29 ²⁷ Ω49	18 ²⁷ Ω31	7 ²⁷ Ω31	11 ²⁷ Ω55	11 ²⁷ Ω 5	22 ²⁷ Ω44	7 ²⁷ R32	27 ²⁷ R30	25 ²⁷ R 5	24 ²⁷ Ω55	5 ²⁷ Ω56	n.a.
T 2	7 2 10	18 ²⁷ 24'54	0 ²⁷ Ω19	1 ²⁷ Ω43	19 ²⁷ 45	8 ²⁷ 17	12 ²⁷ 9	11 ²⁷ 6	22 ²⁷ 47	7 ²⁷ Ω32	27 ²⁷ Ω29	24 ²⁷ Ω56	24 ²⁷ 52	6 ²⁷ 3	n.a.
W 3	7 6 7	19 ²⁷ 23'56	14 ²⁷ 31	3 ²⁷ 34	21 ²⁷ 0	9 ²⁷ 3	12 ²⁷ 23	11 ²⁷ 8	22 ²⁷ 51	7 ²⁷ 32	27 ²⁷ 28	24 ²⁷ 50	24 ²⁷ 49	6 ²⁷ 9	n.a.
T 4	7 10 3	20 ²⁷ 22'55	28 ²⁷ 13	5 ²⁷ 22	22 ²⁷ 14	9 ²⁷ 49	12 ²⁷ 38	11 ²⁷ 8	22 ²⁷ 54	7 ²⁷ 31	27 ²⁷ 27	24 ²⁷ 47	24 ²⁷ 46	6 ²⁷ 16	n.a.
F 5	7 14 0	21 ²⁷ 21'52	11 ²⁷ Ω25	7 ²⁷ 7	23 ²⁷ 28	10 ²⁷ 35	12 ²⁷ 52	11 ²⁷ 9	22 ²⁷ 58	7 ²⁷ 31	27 ²⁷ 25	24 ²⁷ 46	24 ²⁷ 42	6 ²⁷ 23	n.a.
S 6	7 17 56	22 ²⁷ 20'46	24 ²⁷ 13	8 ²⁷ 48	24 ²⁷ 42	11 ²⁷ 21	13 ²⁷ 6	11 ²⁷ 10	23 ²⁷ 1	7 ²⁷ 31	27 ²⁷ 24	24 ²⁷ 45	24 ²⁷ 39	6 ²⁷ 30	n.a.
S 7	7 21 53	23 ²⁷ 19'38	6 ²⁷ Ω40	10 ²⁷ 25	25 ²⁷ 56	12 ²⁷ 6	13 ²⁷ 20	11 ²⁷ 11	23 ²⁷ 5	7 ²⁷ 31	27 ²⁷ 23	24 ²⁷ 45	24 ²⁷ 36	6 ²⁷ 36	n.a.
M 8	7 25 49	24 ²⁷ 18'27	18 ²⁷ 51	11 ²⁷ 58	27 ²⁷ 10	12 ²⁷ 52	13 ²⁷ 35	11 ²⁷ 11	23 ²⁷ 8	7 ²⁷ 31	27 ²⁷ 21	24 ²⁷ 44	24 ²⁷ 33	6 ²⁷ 43	n.a.
T 9	7 29 46	25 ²⁷ 17'14	0 ²⁷ Ω51	13 ²⁷ 25	28 ²⁷ 25	13 ²⁷ 38	13 ²⁷ 49	11 ²⁷ 12	23 ²⁷ 11	7 ²⁷ 30	27 ²⁷ 20	24 ²⁷ 40	24 ²⁷ 30	6 ²⁷ 50	n.a.
W 10	7 33 43	26 ²⁷ 15'58	12 ²⁷ 45	14 ²⁷ 48	29 ²⁷ 39	14 ²⁷ 24	14 ²⁷ 3	11 ²⁷ 12	23 ²⁷ 15	7 ²⁷ 30	27 ²⁷ 19	24 ²⁷ 34	24 ²⁷ 26	6 ²⁷ 56	n.a.
T 11	7 37 39	27 ²⁷ 14'40	24 ²⁷ 36	16 ²⁷ 6	0 ²⁷ Ω53	15 ²⁷ 9	14 ²⁷ 17	11 ²⁷ 13	23 ²⁷ 18	7 ²⁷ 30	27 ²⁷ 17	24 ²⁷ 24	24 ²⁷ 23	7 ²⁷ 3	n.a.
F 12	7 41 36	28 ²⁷ 13'20	6 ²⁷ Ω27	17 ²⁷ 18	2 ²⁷ 7	15 ²⁷ 55	14 ²⁷ 31	11 ²⁷ 13	23 ²⁷ 22	7 ²⁷ D30	27 ²⁷ 16	24 ²⁷ 13	24 ²⁷ 20	7 ²⁷ 10	n.a.
S 13	7 45 32	29 ²⁷ 11'57	18 ²⁷ 20	18 ²⁷ 24	3 ²⁷ 21	16 ²⁷ 40	14 ²⁷ 45	11 ²⁷ 13	23 ²⁷ 25	7 ²⁷ 30	27 ²⁷ 14	23 ²⁷ 59	24 ²⁷ 17	7 ²⁷ 17	n.a.
S 14	7 49 29	0 ²⁷ Ω10'32	0 ²⁷ Ω17	19 ²⁷ 25	4 ²⁷ 35	17 ²⁷ 26	14 ²⁷ 59	11 ²⁷ R13	23 ²⁷ 28	7 ²⁷ 30	27 ²⁷ 13	23 ²⁷ 45	24 ²⁷ 14	7 ²⁷ 23	n.a.
M 15	7 53 25	1 ²⁷ 9'05	12 ²⁷ 19	20 ²⁷ 19	5 ²⁷ 49	18 ²⁷ 11	15 ²⁷ 14	11 ²⁷ 13	23 ²⁷ 32	7 ²⁷ 30	27 ²⁷ 12	23 ²⁷ 31	24 ²⁷ 11	7 ²⁷ 30	n.a.
T 16	7 57 22	2 ²⁷ 7'36	24 ²⁷ 28	21 ²⁷ 8	7 ²⁷ 3	18 ²⁷ 57	15 ²								

SWISS EPHEMERIS for the year 3198 BCE

MARCH 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
M 1	8 48 37	14 ⁴⁵ 29	23 ⁵¹	22 ^R 19	23 ³⁶ 4	28 ³ 43	18 ²⁷	11 ^R 2	24 ³ 19	7 ³⁵	26 ^R 50	22 ^R 11	23 ²⁶	9 ³ 4	n.a.
T 2	8 52 34	15 ⁴³ 34	8 ^X 30	21 ⁴⁸ 48	24 ¹⁸	29 ²⁸	18 ⁴¹	11 ¹⁰ 0	24 ²²	7 ³⁶	26 ⁴⁸	22 ³	23 ²³	9 ¹¹	n.a.
W 3	8 56 30	16 ⁴¹ 37	22 ⁴⁵	21 ¹⁴	25 ³²	0 ¹³	18 ⁵⁴	10 ⁵⁹	24 ²⁵	7 ³⁶	26 ⁴⁶	21 ⁵⁸	23 ²⁰	9 ¹⁸	n.a.
T 4	9 0 27	17 ³⁹ 38	6 ^V 31	20 ³⁸	26 ⁴⁶	0 ⁵⁸	19 ⁷	10 ⁵⁷	24 ²⁸	7 ³⁷	26 ⁴⁵	21 ⁵⁵	23 ¹⁷	9 ²⁴	n.a.
F 5	9 4 23	18 ³⁷ 37	19 ⁴⁹	19 ⁵⁹	28 ⁰	1 ⁴²	19 ²¹	10 ⁵⁵	24 ³¹	7 ³⁸	26 ⁴³	21 ^D 54	23 ¹³	9 ³¹	n.a.
S 6	9 8 20	19 ³⁵ 34	2 ⁸ 42	19 ²⁰	29 ¹³	2 ²⁷	19 ³⁴	10 ⁵⁴	24 ³⁵	7 ³⁸	26 ⁴¹	21 ⁵⁴	23 ¹⁰	9 ³⁸	n.a.
S 7	9 12 16	20 ³³ 29	15 ¹²	18 ⁴¹	0 ^X 27	3 ¹¹	19 ⁴⁷	10 ⁵²	24 ³⁸	7 ³⁹	26 ⁴⁰	21 ^R 54	23 ⁷	9 ⁴⁴	n.a.
M 8	9 16 13	21 ³¹ 22	27 ²⁵	18 ¹	1 ⁴¹	3 ⁵⁶	20 ¹	10 ⁵⁰	24 ⁴¹	7 ⁴⁰	26 ³⁸	21 ⁵⁴	23 ⁴	9 ⁵¹	n.a.
T 9	9 20 10	22 ²⁹ 13	9 ^{II} 27	17 ²³	2 ⁵⁵	4 ⁴⁰	20 ¹⁴	10 ⁴⁸	24 ⁴⁴	7 ⁴¹	26 ³⁶	21 ⁵³	23 ¹	9 ⁵⁸	n.a.
W10	9 24 6	23 ²⁷ 02	21 ²⁰	16 ⁴⁶	4 ⁸	5 ²⁴	20 ²⁷	10 ⁴⁵	24 ⁴⁷	7 ⁴²	26 ³⁵	21 ⁴⁹	22 ⁵⁷	10 ⁵	n.a.
T 11	9 28 3	24 ²⁴ 48	3 ³ 12	16 ¹²	5 ²²	6 ⁹	20 ⁴⁰	10 ⁴³	24 ⁵⁰	7 ⁴²	26 ³³	21 ⁴³	22 ⁵⁴	10 ¹¹	n.a.
F12	9 31 59	25 ²² 33	15 ⁴	15 ⁴⁰	6 ³⁶	6 ⁵³	20 ⁵³	10 ⁴¹	24 ⁵³	7 ⁴³	26 ³¹	21 ³⁵	22 ⁵¹	10 ¹⁸	n.a.
S 13	9 35 56	26 ²⁰ 17	27 ⁰	15 ¹²	7 ⁴⁹	7 ³⁷	21 ⁶	10 ³⁸	24 ⁵⁶	7 ⁴⁴	26 ³⁰	21 ²⁵	22 ⁴⁸	10 ²⁵	n.a.
S 14	9 39 52	27 ¹⁷ 58	9 ^Ω 3	14 ⁴⁷	9 ³	8 ²¹	21 ¹⁹	10 ³⁶	24 ⁵⁹	7 ⁴⁵	26 ²⁸	21 ¹⁵	22 ⁴⁵	10 ³²	n.a.
M15	9 43 49	28 ¹⁵ 38	21 ¹⁴	14 ²⁶	10 ¹⁷	9 ⁵	21 ³²	10 ³³	25 ²	7 ⁴⁶	26 ²⁶	21 ⁶	22 ⁴²	10 ³⁸	n.a.
T 16	9 47 45	29 ¹³ 16	3 ^{III} 34	14 ¹⁰	11 ³⁰	9 ⁴⁹	21 ⁴⁵	10 ³¹	25 ⁵	7 ⁴⁷	26 ²⁵	20 ⁵⁷	22 ³⁸	10 ⁴⁵	n.a.
W17	9 51 42	0 ^X 10 ⁵²	16 ⁴	13 ⁵⁸	12 ⁴⁴	10 ³³	21 ⁵⁷	10 ²⁸	25 ⁸	7 ⁴⁸	26 ²³	20 ⁵⁰	22 ³⁵	10 ⁵²	n.a.
T 18	9 55 38	1 ⁸ 27	28 ⁴⁵	13 ⁵⁰	13 ⁵⁷	11 ¹⁷	22 ¹⁰	10 ²⁵	25 ¹¹	7 ⁴⁹	26 ²¹	20 ⁴⁶	22 ³²	10 ⁵⁸	n.a.
F 19	9 59 35	2 ⁶ 01	11 ¹³ 37	13 ^D 47	15 ¹¹	12 ¹	22 ²³	10 ²²	25 ¹⁴	7 ⁵⁰	26 ²⁰	20 ⁴³	22 ²⁹	11 ⁵	n.a.
S 20	10 3 32	3 ³ 33	24 ⁴²	13 ⁴⁹	16 ²⁴	12 ⁴⁵	22 ³⁵	10 ¹⁹	25 ¹⁷	7 ⁵²	26 ¹⁸	20 ^D 43	22 ²⁶	11 ¹²	n.a.
S 21	10 7 28	4 ¹ 04	8 ^{III} 0	13 ⁵⁵	17 ³⁸	13 ²⁹	22 ⁴⁸	10 ¹⁶	25 ²⁰	7 ⁵³	26 ¹⁶	20 ⁴⁴	22 ²³	11 ¹⁹	n.a.
M22	10 11 25	4 ⁵⁸ 34	21 ³⁴	14 ⁶	18 ⁵¹	14 ¹²	23 ⁰	10 ¹³	25 ²³	7 ⁵⁴	26 ¹⁴	20 ⁴⁵	22 ¹⁹	11 ²⁵	n.a.
T 23	10 15 21	5 ⁵⁶ 03	5 ⁷ 23	14 ²²	20 ⁵	14 ⁵⁶	23 ¹²	10 ¹⁰	25 ²⁵	7 ⁵⁵	26 ¹³	20 ^R 46	22 ¹⁶	11 ³²	n.a.
W24	10 19 18	6 ⁵³ 31	19 ²⁹	14 ⁴²	21 ¹⁸	15 ⁴⁰	23 ²⁴	10 ⁷	25 ²⁸	7 ⁵⁶	26 ¹¹	20 ⁴⁵	22 ¹³	11 ³⁹	n.a.
T 25	10 23 14	7 ⁵⁰ 58	3 ³ 51	15 ⁶	22 ³²	16 ²³	23 ³⁷	10 ³	25 ³¹	7 ⁵⁸	26 ¹⁰	20 ⁴³	22 ¹⁰	11 ⁴⁵	n.a.
F 26	10 27 11	8 ⁴⁸ 24	18 ²⁴	15 ³⁵	23 ⁴⁵	17 ⁷	23 ⁴⁹	10 ⁰	25 ³⁴	7 ⁵⁹	26 ⁸	20 ³⁹	22 ⁷	11 ⁵²	n.a.
S 27	10 31 7	9 ⁴⁵ 49	3 ^{III} 6	16 ⁸	24 ⁵⁹	17 ⁵⁰	24 ¹	9 ⁵⁷	25 ³⁶	8 ⁰	26 ⁶	20 ³³	22 ³	11 ⁵⁹	n.a.
S 28	10 35 4	10 ⁴³ 13	17 ⁴⁸	16 ⁴⁵	26 ¹²	18 ³³	24 ¹³	9 ⁵³	25 ³⁹	8 ²	26 ⁵	20 ²⁷	22 ⁰	12 ⁶	n.a.
M29	10 39 1	11 ⁴⁰ 36	2 ^X 25	17 ²⁵	27 ²⁶	19 ¹⁷	24 ²⁵	9 ⁵⁰	25 ⁴²	8 ³	26 ³	20 ²²	21 ⁵⁷	12 ¹²	n.a.
T 30	10 42 57	12 ³⁷ 57	16 ⁴⁷	18 ¹⁰	28 ³⁹	20 ⁰	24 ³⁶	9 ⁴⁶	25 ⁴⁴	8 ⁴	26 ¹	20 ¹⁷	21 ⁵⁴	12 ¹⁹	n.a.
W31	10 46 54	13 ^X 35'18	0 ^V 51	18 ⁵⁸	29 ^X 52	20 ⁴³	24 ³⁸	9 ⁴²	25 ⁴⁷	8 ⁵	26 ⁰	20 ¹⁴	21 ⁵¹	12 ²⁶	n.a.

Delta T = 23h27m55s Julian Calendar 1 March 3198 BCE == Greg. Calendar 3 Feb. 3198 BCE
 The year -3197 astronomical counting style corresponds to year 3198 B.C.E historical counting style.

APRIL 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	10 50 50	14 ^X 32'36	14 ^V 32	19 ⁴⁹	1 ^V 6	21 ²⁶	25 ³ 0	9 ^R 39	25 ³ 49	8 ⁸ 7	25 ^R 58	20 ^D 12	21 ⁴⁸	12 ³³	n.a.
F 2	10 54 47	15 ²⁹ 54	27 ⁴⁹	20 ⁴⁵	2 ¹⁹	22 ⁹	25 ¹¹	9 ³⁵	25 ⁵²	8 ⁹	25 ⁵⁷	20 ¹²	21 ⁴⁴	12 ³⁹	n.a.
S 3	10 58 43	16 ²⁷ 11	10 ⁸ 43	21 ⁴³	3 ³²	22 ⁵²	25 ²³	9 ³¹	25 ⁵⁴	8 ¹⁰	25 ⁵⁵	20 ¹⁴	21 ⁴¹	12 ⁴⁶	n.a.
S 4	11 2 40	17 ²⁴ 26	23 ¹⁶	22 ⁴⁵	4 ⁴⁶	23 ³⁵	25 ³⁴	9 ²⁷	25 ⁵⁷	8 ¹²	25 ⁵⁴	20 ¹⁵	21 ³⁸	12 ⁵³	n.a.
M 5	11 6 36	18 ²¹ 41	5 ^{II} 33	23 ⁴⁹	5 ⁵⁹	24 ¹⁸	25 ⁴⁵	9 ²³	25 ⁵⁹	8 ¹³	25 ⁵²	20 ¹⁷	21 ³⁵	12 ⁵⁹	n.a.
T 6	11 10 33	19 ¹⁸ 54	17 ³⁶	24 ⁵⁷	7 ¹²	25 ¹	25 ⁵⁶	9 ¹⁹	26 ¹	8 ¹⁵	25 ⁵⁰	20 ^R 17	21 ³²	13 ⁶	n.a.
W 7	11 14 30	20 ¹⁶ 06	29 ³²	26 ⁸	8 ²⁵	25 ⁴⁴	26 ⁸	9 ¹⁵	26 ⁴	8 ¹⁷	25 ⁴⁹	20 ¹⁷	21 ²⁸	13 ¹³	n.a.
T 8	11 18 26	21 ¹³ 16	11 ³ 25	27 ²²	9 ³⁸	26 ²⁷	26 ¹⁹	9 ¹¹	26 ⁶	8 ¹⁸	25 ⁴⁷	20 ¹⁵	21 ²⁵	13 ²⁰	n.a.
F 9	11 22 23	22 ¹⁰ 26	23 ¹⁹	28 ³⁹	10 ⁵²	27 ⁹	26 ²⁹	9 ⁷	26 ⁸	8 ²⁰	25 ⁴⁶	20 ¹²	21 ²²	13 ²⁶	n.a.
S 10	11 26 19	23 ⁷ 34	5 ^Ω 19	29 ⁵⁹	12 ⁵	27 ⁵²	26 ⁴⁰	9 ³	26 ¹⁰	8 ²²	25 ⁴⁵	20 ⁹	21 ¹⁹	13 ³³	n.a.
S 11	11 30 16	24 ⁴ 42	17 ²⁷	1 ^X 21	13 ¹⁸	28 ³⁵	26 ⁵¹	8 ⁵⁹	26 ¹³	8 ²³	25 ⁴³	20 ⁴	21 ¹⁶	13 ⁴⁰	n.a.
M12	11 34 12	25 ¹ 48	29 ⁴⁶	2 ⁴⁶	14 ³¹	29 ¹⁷	27 ¹	8 ⁵⁵	26 ¹⁵	8 ²⁵	25 ⁴²	20 ⁰	21 ¹³	13 ⁴⁶	n.a.
T 13	11 38 9	25 ⁵⁸ 54	12 ^{III} 19	4 ¹⁵	15 ⁴⁴	0 ^X 0	27 ¹²	8 ⁵¹	26 ¹⁷	8 ²⁷	25 ⁴⁰	19 ⁵⁷	21 ⁹	13 ⁵³	n.a.
W14	11 42 5	26 ⁵⁵ 59	25 ⁵	5 ⁴⁵	16 ⁵⁷	0 ⁴²	27 ²²	8 ⁴⁶	26 ¹⁹	8 ²⁸	25 ³⁹	19 ⁵⁴	21 ⁶	14 ⁰	n.a.
T 15	11 46 2	27 ⁵³ 03	8 ⁴ 5	7 ¹⁹	18 ¹⁰	1 ²⁴	27 ³³	8 ⁴²	26 ²¹	8 ³⁰	25 ³⁸	19 ⁵³	21 ³	14 ⁷	n.a.
F 16	11 49 58	28 ⁵⁰ 07	21 ¹⁹	8 ⁵⁵	19 ²³	2 ⁷	27 ⁴³	8 ³⁸	26 ²³	8 ³²	25 ³⁶	19 ^D 52	21 ⁰	14 ¹³	n.a.
S 17	11 53 55	29 ⁴⁷ 10	4 ^{III} 46	10 ³⁴	20 ³⁶	2 ⁴⁹	27 ⁵³	8 ³⁴	26 ²⁵	8 ³⁴	25 ³⁵	19 ⁵³	20 ⁵⁷	14 ²⁰	n.a.
S 18	11 57 52	0 ^V 44'13	18 ²⁵	12 ¹⁶	21 ⁴⁹	3 ³¹	28 ³	8 ²⁹	26 ²⁷	8 ³⁶	25 ³⁴	19 ⁵⁴	20 ⁵⁴	14 ²⁷	n.a.
M19	12 1 48	1 ⁴¹ 15	2 ⁷ 16	14 ⁰	23 ²	4 ¹³	28 ¹³	8 ²⁵	26 ²⁹	8 ³⁷	25 ³²	19 ⁵⁵	20 ⁵⁰	14 ³⁴	n.a.
T 20	12 5 45	2 ³⁸ 18	16 ¹⁶	15 ⁴⁷	24 ¹⁵	4 ⁵⁵	28 ²³	8 ²¹	26 ³⁰	8 ³⁹	25 ³¹	19 ⁵⁶	20 ⁴⁷	14 ⁴⁰	n.a.
W21	12 9 41	3 ³⁵ 20	0 ³ 24	17 ³⁶	25 ²⁸	5 ³⁷	28 ³²	8 ¹⁶	26 ³²	8 ⁴¹	25 ³⁰	19 ^R 57	20 ⁴⁴	14 ⁴⁷	n.a.
T 22	12 13 38	4 ³² 22	14 ³⁸	19 ²⁸	26 ⁴¹	6 ¹⁹	28 ⁴²	8 ¹²	26 ³⁴	8 ⁴³	25 ²⁹	19 ⁵⁷	20 ⁴¹	14 ⁵⁴	n.a.
F 23	12 17 34	5 ²⁹ 24	28 ⁵⁷	21 ²²	27 ⁵⁴	7 ¹	28 ⁵¹	8 ⁸	26 ³⁶	8 ⁴⁵	25 ²⁷	19 ⁵⁶	20 ³⁸	15 ⁰	n.a.
S 24	12 21 31	6 ²⁶ 26	13 ^{III} 16	23 ¹⁹	29 ⁷	7 ⁴³	29 ⁰	8 ³	26 ³⁷	8 ⁴⁷	25 ²⁶	19 ⁵⁴	20 ³⁴		

SWISS EPHEMERIS for the year 3198 BCE

MAY 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	12 49 7	13°5'36"	18°41'	7°50'	7°37'	12°34'	0°22'	7°R33	26°348	9°8	1	25°R19	19°50	20°12	15°54	n.a.	
S 2	12 53 3	14° 2'37"	1°112	9°59'	8°49'	13°15'	0°10'	7°28	26°49	9° 3		25°18	19°51	20° 9	16° 1	n.a.	
M 3	12 57 0	14°59'38"	13°28'	12°10'	10° 2	13°57'	0°18'	7°24	26°50	9° 5		25°17	19°52	20° 6	16° 8	n.a.	
T 4	13 0 56	15°56'38"	25°33'	14°20'	11°15'	14°38'	0°26'	7°20	26°51	9° 7		25°16	19°52	20° 3	16°14	n.a.	
W 5	13 4 53	16°53'38"	7°30	16°31'	12°27'	15°19'	0°34'	7°15	26°53	9° 9		25°15	19°52	19°59	16°21	n.a.	
T 6	13 8 50	17°50'38"	19°23'	18°41'	13°40'	16° 0	0°42'	7°11	26°54	9°11		25°14	19°R52	19°56	16°28	n.a.	
F 7	13 12 46	18°47'38"	1°18	20°50'	14°53'	16°41'	0°50'	7° 7	26°55	9°13		25°13	19°52	19°53	16°35	n.a.	
S 8	13 16 43	19°44'38"	13°19'	22°59'	16° 5	17°22'	0°57'	7° 3	26°56	9°15		25°13	19°D52	19°50	16°41	n.a.	
S 9	13 20 39	20°41'37"	25°30'	25° 7	17°18'	18° 3	1° 4	6°59	26°57	9°18		25°12	19°52	19°47	16°48	n.a.	
M10	13 24 36	21°38'37"	7°54	27°14'	18°30'	18°44'	1°11'	6°54	26°58	9°20		25°11	19°52	19°44	16°55	n.a.	
T 11	13 28 32	22°35'36"	20°35'	29°20'	19°43'	19°25'	1°18'	6°50	26°59	9°22		25°10	19°53	19°40	17° 1	n.a.	
W12	13 32 29	23°32'36"	3°34	1°24	20°55'	20° 6	1°25'	6°46	26°59	9°24		25°10	19°53	19°37	17° 8	n.a.	
T 13	13 36 25	24°29'36"	16°53'	3°27'	22° 8	20°46'	1°32'	6°42	27° 0	9°26		25° 9	19°R53	19°34	17°15	n.a.	
F 14	13 40 22	25°26'37"	0°30	5°28'	23°20'	21°27'	1°39'	6°38	27° 1	9°28		25° 8	19°53	19°31	17°22	n.a.	
S 15	13 44 18	26°23'37"	14°23'	7°27'	24°32'	22° 8	1°45'	6°34	27° 2	9°31		25° 8	19°52	19°28	17°28	n.a.	
S 16	13 48 15	27°20'39"	28°29'	9°24'	25°45'	22°48'	1°51'	6°30	27° 2	9°33		25° 7	19°52	19°25	17°35	n.a.	
M17	13 52 12	28°17'41"	12°44	11°20'	26°57'	23°29'	1°57'	6°26	27° 3	9°35		25° 7	19°51	19°21	17°42	n.a.	
T 18	13 56 8	29°14'44"	27° 4	13°14'	28°10'	24° 9	2° 3	6°22	27° 4	9°37		25° 6	19°50	19°18	17°49	n.a.	
W19	14 0 5	0°11'47"	11°25	15° 6	29°22'	24°49'	2° 9	6°18	27° 4	9°39		25° 6	19°49	19°15	17°55	n.a.	
T 20	14 4 1	1° 8'52"	25°43'	16°56'	0°34	25°30'	2°15'	6°15	27° 4	9°42		25° 5	19°D49	19°12	18° 2	n.a.	
F 21	14 7 58	2° 5'57"	9°55	18°44'	1°46'	26°10'	2°20'	6°11	27° 5	9°44		25° 5	19°49	19° 9	18° 9	n.a.	
S 22	14 11 54	3° 3'03"	23°59'	20°31'	2°58'	26°50'	2°26'	6° 7	27° 5	9°46		25° 5	19°49	19° 5	18°15	n.a.	
S 23	14 15 51	4° 0'10"	7°53	22°15'	4°11'	27°30'	2°31'	6° 4	27° 6	9°48		25° 4	19°50	19° 2	18°22	n.a.	
M24	14 19 47	4°57'18"	21°36'	23°58'	5°23'	28°10'	2°36'	6° 0	27° 6	9°50		25° 4	19°51	18°59	18°29	n.a.	
T 25	14 23 44	5°54'27"	5°54'27"	25°39'	6°35'	28°50'	2°40'	5°57	27° 6	9°53		25° 4	19°52	18°56	18°36	n.a.	
W26	14 27 41	6°51'37"	18°25'	27°18'	7°47'	29°30'	2°45'	5°53	27° 6	9°55		25° 4	19°R53	18°53	18°42	n.a.	
T 27	14 31 37	7°48'48"	1°29	28°55'	8°59'	0°10	2°49'	5°50	27° 6	9°57		25° 3	19°52	18°50	18°49	n.a.	
F 28	14 35 34	8°46'00"	14°19'	0°31	10°11'	0°50'	2°54'	5°46	27° 6	9°59		25° 3	19°51	18°46	18°56	n.a.	
S 29	14 39 30	9°43'13"	2°56'	2° 4	11°23'	1°30'	2°58'	5°43	27°R 6	10° 2		25° 3	19°49	18°43	19° 3	n.a.	
S 30	14 43 27	10°40'26"	9°19	3°36'	12°35'	2°10'	3° 2	5°40	27° 6	10° 4		25° 3	19°46	18°40	19° 9	n.a.	
M31	14 47 23	11°37'41"	21°31	5°11	13°47'	2°49'	3°55'	5°37	27° 6	10° 6		25° 3	19°43	18°37	19°16	n.a.	

Delta T = 23h27m49s Julian Calendar 1 May 3198 BCE == Greg. Calendar 5 Apr. 3198 BCE

The year -3197 astronomical counting style corresponds to year 3198 B.C.E historical counting style.

JUNE 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	14 51 20	12°34'56"	3°34	6°33	14°59	3°29	3°29	5°R34	27°R 6	10°8	8	25°D 3	19°R39	18°34	19°23	n.a.	
W 2	14 55 16	13°32'12"	15°29'	7°59'	16°11'	4° 8	3°12'	5°31	27° 6	10°10		25°10	19°36	18°31	19°29	n.a.	
T 3	14 59 13	14°29'29"	27°22'	9°23'	17°23'	4°48'	3°16'	5°28	27° 6	10°13		25° 3	19°34	18°27	19°36	n.a.	
F 4	15 3 10	15°26'46"	9°16	10°45'	18°35'	5°27'	3°19'	5°25	27° 6	10°15		25° 3	19°33	18°24	19°43	n.a.	
S 5	15 7 6	16°24'05"	21°15'	12° 5	19°46'	6° 7	3°21'	5°22	27° 5	10°17		25° 3	19°D33	18°21	19°50	n.a.	
S 6	15 11 3	17°21'24"	3°25	13°22'	20°58'	6°46'	3°24'	5°20	27° 5	10°19		25° 3	19°34	18°18	19°56	n.a.	
M 7	15 14 59	18°18'44"	15°49'	14°38'	22°10'	7°25'	3°26'	5°17	27° 4	10°22		25° 4	19°35	18°15	20° 3	n.a.	
T 8	15 18 56	19°16'05"	28°33'	15°51'	23°21'	8° 4	3°29'	5°14	27° 4	10°24		25° 4	19°37	18°11	20°10	n.a.	
W 9	15 22 52	20°13'27"	11°38	17° 3	24°33'	8°43'	3°31'	5°12	27° 3	10°26		25° 4	19°38	18° 8	20°16	n.a.	
T 10	15 26 49	21°10'50"	25° 8	18°11'	25°45'	9°22'	3°33'	5°10	27° 3	10°28		25° 4	19°R38	18° 5	20°23	n.a.	
F 11	15 30 45	22° 8'14"	9°12	19°18'	26°56'	10° 1	3°34'	5° 7	27° 2	10°30		25° 5	19°37	18° 2	20°30	n.a.	
S 12	15 34 42	23° 5'40"	23°18'	20°22'	28° 7	10°40'	3°36'	5° 5	27° 2	10°33		25° 5	19°34	17°59	20°37	n.a.	
S 13	15 38 39	24° 3'07"	7°50	21°23'	29°19'	11°19'	3°37'	5° 3	27° 1	10°35		25° 5	19°30	17°56	20°43	n.a.	
M14	15 42 35	25° 0'36"	22°33'	22°21'	0°30	11°58'	3°38'	5° 1	27° 0	10°37		25° 6	19°25	17°52	20°50	n.a.	
T 15	15 46 32	25°58'06"	7°19	23°17'	1°42'	12°36'	3°39'	4°59	26°59	10°39		25° 6	19°20	17°49	20°57	n.a.	
W16	15 50 28	26°55'37"	22° 1	24°10'	2°53'	13°15'	3°40'	4°57	26°59	10°41		25° 7	19°15	17°46	21° 4	n.a.	
T 17	15 54 25	27°53'11"	6°32	24°59'	4° 4	13°54'	3°40'	4°55	26°58	10°43		25° 7	19°12	17°43	21°10	n.a.	
F 18	15 58 21	28°50'46"	20°48'	25°45'	5°15'	14°32'	3°41'	4°53	26°57	10°46		25° 8	19°10	17°40	21°17	n.a.	
S 19	16 2 18	29°48'23"	4°47	26°28'	6°26'	15°11'	3°R41	4°52	26°56	10°48		25° 8	19°D10	17°36	21°24	n.a.	
S 20	16 6 14	0°46'01"	18°29'	27° 7	7°38'	15°49'	3°41'	4°50	26°55	10°50		25° 9	19°11	17°33	21°30	n.a.	
M21	16 10 11	1°43'42"	1°53	27°42'	8°49'	16°27'	3°41'	4°49	26°54	10°52		25°10	19°12	17°30	21°37	n.a.	
T 22	16 14 8	2°41'24"	15° 3	28°12'	10° 0	17° 6	3°40'	4°47	26°53	10°54		25°10	19°R13	17°27	21°44	n.a.	
W23	16 18 4	3°39'09"	27°59'	28°39'	11°11'	17°44'	3°39'	4°46	26°52	10°56		25°11	19°13	17°24	21°51	n.a.	
T 24	16 22 1	4°36'55"	10°42	29° 1	12°22'	18°22'	3°39'	4°45	26°50	10°58		25°12	19°11	17°21	21°57	n.a.	
F 25	16 25 57	5°34'43"	23°15'	29°18'	13°32'	19° 0	3°37'	4°44	26°49	11° 0		25°13	19° 6	17°17	22° 4	n.a.	
S 26	16 29 54	6°32'33"	5°37	29°30'	14°43'	19°38'	3°36'	4°43	26°48	11° 2		25°14	19° 0	17°14	22°11	n.a.	
S 27	16 33 50	7°30'24"	17°50'	29°37'	15°54'	20°16'	3°35'	4°42	26°47	11° 4		25°14	18°52	17°11	22°18	n.a.	
M28	16 37 47	8°28'17"	29°55'	29°R38	17° 5	20°54'	3°33'	4°41	26°45	11° 6		25°15	18°42	17° 8	22°24	n.a.	
T 29	16 41 43	9°26'12"	11°53	29°34'	18°15'	21°32'	3°31'	4°41	26°44	11° 8		25°16	18°33	17° 5	22°31	n.a.	
W30	16 45 40	10°24'08"	23°47	29°24'	19°26'	22°10'	3°29'	4°40	26°42	11° 10		25°17	18°24	17° 2	22°38	n.a.	

Delta T = 23h27m47s

Julian Calendar

created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 3198 BCE

JULY 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	16 49 37	11II22'06	5Ω38	29°R 8	20Ω36	22Υ47	3°R27	4°R39	26°R41	11Ω12	25Ω18	18°R17	16Ω58	22Ω44	n.a.								
F 2	16 53 33	12°20'06	17°29	28II46	21°47	23°25	3Ω25	4Ω39	26Ω39	11°14	25°19	18Ω11	16°55	22°51	n.a.								
S 3	16 57 30	13°18'07	29°26	28°18	22°57	24° 2	3°22	4°39	26°38	11°16	25°20	18° 8	16°52	22°58	n.a.								
S 4	17 1 26	14°16'10	11Π33	27°45	24° 7	24°40	3°19	4°38	26°36	11°18	25°21	18°D 7	16°49	23° 5	n.a.								
M 5	17 5 23	15°14'15	23°53	27° 6	25°18	25°17	3°16	4°38	26°35	11°20	25°23	18° 7	16°46	23°11	n.a.								
T 6	17 9 19	16°12'21	6Ω34	26°22	26°28	25°55	3°13	4°D38	26°33	11°22	25°24	18° 8	16°42	23°18	n.a.								
W 7	17 13 16	17°10'29	19°38	25°33	27°38	26°32	3°10	4°38	26°31	11°24	25°25	18°R 9	16°39	23°25	n.a.								
T 8	17 17 12	18° 8'38	3Π 9	24°40	28°48	27° 9	3° 6	4°38	26°30	11°26	25°26	18° 8	16°36	23°32	n.a.								
F 9	17 21 9	19° 6'50	17° 9	23°45	29°58	27°46	3° 2	4°39	26°28	11°28	25°27	18° 5	16°33	23°38	n.a.								
S 10	17 25 6	20° 5'03	1Ω36	22°48	1Ω 8	28°23	2°58	4°39	26°26	11°30	25°29	17°59	16°30	23°45	n.a.								
S 11	17 29 2	21° 3'18	16°26	21°50	2°17	29° 0	2°54	4°40	26°24	11°31	25°30	17°51	16°27	23°52	n.a.								
M12	17 32 59	22° 1'35	1Ω30	20°53	3°27	29°37	2°50	4°40	26°22	11°33	25°31	17°42	16°23	23°58	n.a.								
T13	17 36 55	22°59'55	16°40	19°57	4°37	0Ω14	2°45	4°41	26°20	11°35	25°33	17°33	16°20	24° 5	n.a.								
W14	17 40 52	23°58'16	1Ω44	19° 4	5°46	0°51	2°41	4°41	26°19	11°37	25°34	17°24	16°17	24°12	n.a.								
T15	17 44 48	24°56'40	16°34	18°16	6°56	1°27	2°36	4°42	26°17	11°39	25°36	17°17	16°14	24°19	n.a.								
F16	17 48 45	25°55'06	1Ω 3	17°33	8° 5	2° 4	2°31	4°43	26°15	11°40	25°37	17°12	16°11	24°25	n.a.								
S17	17 52 41	26°53'34	15° 7	16°56	9°14	2°40	2°26	4°44	26°13	11°42	25°38	17°10	16° 8	24°32	n.a.								
S18	17 56 38	27°52'05	28°47	16°27	10°23	3°17	2°21	4°45	26°11	11°44	25°40	17°D 9	16° 4	24°39	n.a.								
M19	18 0 35	28°50'38	12Υ 5	16° 7	11°32	3°53	2°15	4°47	26° 8	11°45	25°42	17°R10	16° 1	24°46	n.a.								
T20	18 4 31	29°49'14	25° 3	15°54	12°41	4°30	2° 9	4°48	26° 6	11°47	25°43	17° 9	15°58	24°52	n.a.								
W21	18 8 28	0Ω47'52	7Ω44	15°D51	13°50	5° 6	2° 4	4°49	26° 4	11°49	25°45	17° 8	15°55	24°59	n.a.								
T22	18 12 24	1°46'32	20I12	15°58	14°59	5°42	1°58	4°51	26° 2	11°50	25°46	17° 4	15°52	25° 6	n.a.								
F23	18 16 21	2°45'15	2II30	16°13	16° 8	6°18	1°52	4°52	26° 0	11°52	25°48	16°57	15°48	25°12	n.a.								
S24	18 20 17	3°44'00	14Ω39	16°38	17°16	6°54	1°46	4°54	25°58	11°53	25°50	16°47	15°45	25°19	n.a.								
S25	18 24 14	4°42'48	26°43	17°12	18°25	7°30	1°39	4°56	25°56	11°55	25°51	16°34	15°42	25°26	n.a.								
M26	18 28 10	5°41'38	8Ω41	17°55	19°33	8° 6	1°33	4°58	25°53	11°56	25°53	16°21	15°39	25°33	n.a.								
T27	18 32 7	6°40'30	20°35	18°46	20°41	8°41	1°26	5° 0	25°51	11°58	25°55	16° 6	15°36	25°39	n.a.								
W28	18 36 4	7°39'24	2Ω26	19°44	21°49	9°17	1°19	5° 2	25°49	11°59	25°57	15°53	15°33	25°46	n.a.								
T29	18 40 0	8°38'20	14°17	20°50	22°57	9°53	1°13	5° 4	25°47	12° 1	25°58	15°41	15°29	25°53	n.a.								
F30	18 43 57	9°37'18	26° 9	22° 2	24° 5	10°28	1° 6	5° 6	25°44	12° 2	26° 0	15°32	15°26	25°59	n.a.								
S31	18 47 53	10Ω36'18	8Π 5	23II21	25Ω13	11Ω 3	0Ω58	5Ω 8	25Ω42	12Ω 3	26Ω 2	15Ω26	15Ω23	26Ω 6	n.a.								

Delta T = 23h27m44s Julian Calendar 1 July 3198 BCE == Greg. Calendar 5 June 3198 BCE
 The year -3197 astronomical counting style corresponds to year 3198 B.C.E historical counting style.

AUGUST 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	18 51 50	11Ω35'21	20Π10	24II44	26Ω20	11Ω39	0°R51	5Ω11	25°R40	12Ω 5	26Ω 4	15°R23	15Ω20	26Ω13	n.a.								
M 2	18 55 46	12°34'25	2Ω28	26°13	27°28	12°14	0Ω44	5°13	25Ω37	12° 6	26° 6	15Ω21	15°17	26°20	n.a.								
T 3	18 59 43	13°33'31	15° 3	27°45	28°35	12°49	0°37	5°16	25°35	12° 7	26° 8	15°21	15°14	26°26	n.a.								
W 4	19 3 39	14°32'39	28° 1	29°21	29°42	13°24	0°29	5°19	25°33	12° 8	26°10	15°21	15°10	26°33	n.a.								
T 5	19 7 36	15°31'50	11Π16	0Ω59	0Π49	13°59	0°22	5°22	25°30	12°10	26°12	15°19	15° 7	26°40	n.a.								
F 6	19 11 33	16°31'02	25°20	2°40	1°56	14°34	0°14	5°24	25°28	12°11	26°14	15°16	15° 4	26°47	n.a.								
S 7	19 15 29	17°30'16	9Ω45	4°23	3° 3	15° 8	0° 6	5°27	25°25	12°12	26°16	15° 9	15° 1	26°53	n.a.								
S 8	19 19 26	18°29'33	24°36	6° 8	4° 9	15°43	29Ω59	5°30	25°23	12°13	26°18	15° 1	14°58	27° 0	n.a.								
M 9	19 23 22	19°28'52	9Ω47	7°53	5°16	16°17	29°51	5°34	25°21	12°14	26°20	14°50	14°54	27° 7	n.a.								
T10	19 27 19	20°28'12	25° 8	9°40	6°22	16°52	29°43	5°37	25°18	12°15	26°22	14°39	14°51	27°13	n.a.								
W11	19 31 15	21°27'35	10Ω27	11°26	7°28	17°26	29°35	5°40	25°16	12°16	26°24	14°28	14°48	27°20	n.a.								
T12	19 35 12	22°27'01	25°33	13°14	8°34	18° 0	29°27	5°43	25°13	12°17	26°26	14°20	14°45	27°27	n.a.								
F13	19 39 9	23°26'29	10Ω17	15° 1	9°39	18°35	29°19	5°47	25°11	12°18	26°28	14°14	14°42	27°34	n.a.								
S14	19 43 5	24°25'59	24°33	16°48	10°45	19° 9	29°11	5°51	25° 8	12°19	26°30	14°10	14°39	27°40	n.a.								
S15	19 47 2	25°25'31	8Υ21	18°36	11°50	19°43	29° 3	5°54	25° 6	12°20	26°33	14° 9	14°35	27°47	n.a.								
M16	19 50 58	26°25'07	21°42	20°22	12°55	20°16	28°55	5°58	25° 4	12°21	26°35	14° 9	14°32	27°54	n.a.								
T17	19 54 55	27°24'45	4Ω39	22° 9	14° 0	20°50	28°47	6° 2	25° 1	12°22	26°37	14° 9	14°29	28° 0	n.a.								
W18	19 58 51	28°24'25	17°15	23°55	15° 4	21°24	28°39	6° 6	24°59	12°23	26°39	14° 8	14°26	28° 7	n.a.								
T19	20 2 48	29°24'08	29°36	25°40	16° 8	21°57	28°31	6°10	24°56	12°24	26°41	14° 4	14°23	28°14	n.a.								
F20	20 6 44	0Ω23'53	11II45	27°25	17°13	22°30	28°22	6°14	24°54	12°24	26°44	13°58	14°20	28°21	n.a.								
S21	20 10 41	1°23'41	23°46	29°10	18°16	23° 4	28°14	6°18	24°51	12°25	26°46	13°48	14°16	28°27	n.a.								
S22	20 14 38	2°23'31	5Ω42	0Ω53	19°20	23°37	28° 6	6°22	24°49	12°26	26°48	13°37	14°13	28°34	n.a.								
M23	20 18 34	3°23'24	17°36	2°36	20°23	24°10	27°58	6°26	24°47	12°26	26°50	13°23	14°10	28°41	n.a.								
T24	20 22 31	4°23'19	29°27	4°19	21°26	24°43	27°50	6°30	24°44	12°27	26°53	13°10	14° 7	28°48	n.a.								
W25	20 26 27	5°23'16	11Ω19	6° 1	22°29	25°16	27°42	6°35	24°42	12°28	26°55	12°57	14° 4	28°54	n.a.								
T26	20 30 24	6°23'15	23°13	7°42	23°32	25°48	27°34	6°39	24°39	12°28	26°57	12°46	14° 0	29° 1	n.a.								
F27	20 34 20	7°23'16	5Π10	9°22	24°34	26°21	27°27	6°44	24°37	12°29	27° 0	12°37	13°57	29° 8	n.a.								
S28	20 38 17	8°23'19	17°11	11° 2	25°36	26°53	27°19	6°49	24°35	12°29	27° 2	12°31	13°54	29°14	n.a.								
S29	20 42 13	9°23'24	29°21	12°41	26°38	27°25	27°11	6°53	24°32	12°30	27° 4	12°28	13°51	29°21	n.a.								
M30	20 46 10	10°23'30	11Ω41	14°20	27°39	27°57	27° 3	6°58	24°30	12°30	27° 7	12°D27	13°48	29°28	n.a.								
T31	20 50 6	11Ω23'39	24Ω17	15Ω58	28Π40	28Ω29	26Ω56	7Ω 3	24Ω28	12Ω30	27Ω 9	12Ω27	13Ω45	29Ω35	n.a.								

Delta T = 23h27m41s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 3198 BCE

SEPTEMBER 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	20 54 3	12 ^h 23'50	7 ^m 11	17 [°] 35	29 ^m 40	29 [°] 8	26 [°] R48	7 ^h 8	24 [°] R26	12 ^h 31	27 ^h 11	12 [°] R28	13 ^h 41	29 ^h 41	n.a.		
T 2	20 58 0	13 ^h 24'02	20 ^m 29	19 [°] 12	0 ^m 41	29 [°] 33	26 [°] 31	7 ^h 13	24 [°] 23	12 ^h 31	27 ^h 14	12 [°] 28	13 ^h 38	29 ^h 48	n.a.		
F 3	21 1 56	14 ^h 24'16	4 ^m 13	20 [°] 49	1 ^m 40	0 ^h 4	26 [°] 33	7 ^h 18	24 [°] 21	12 ^h 31	27 ^h 16	12 [°] 26	13 ^h 35	29 ^h 55	n.a.		
S 4	21 5 53	15 ^h 24'32	18 ^m 24	22 [°] 25	2 ^m 40	0 ^h 36	26 [°] 26	7 ^h 23	24 [°] 19	12 ^h 32	27 ^h 19	12 [°] 22	13 ^h 32	0 ^h 1	n.a.		
S 5	21 9 49	16 ^h 24'50	3 ^m 2	24 [°] 0	3 ^m 39	1 ^h 7	26 [°] 19	7 ^h 28	24 [°] 17	12 ^h 32	27 ^h 21	12 [°] 16	13 ^h 29	0 ^h 8	n.a.		
M 6	21 13 46	17 ^h 25'09	18 ^m 1	25 [°] 35	4 ^m 38	1 ^h 38	26 [°] 12	7 ^h 33	24 [°] 14	12 ^h 32	27 ^h 23	12 [°] 8	13 ^h 25	0 ^h 15	n.a.		
T 7	21 17 42	18 ^h 25'30	3 ^m 15	27 [°] 9	5 ^m 36	2 ^h 9	26 [°] 5	7 ^h 39	24 [°] 12	12 ^h 32	27 ^h 26	11 [°] 59	13 ^h 22	0 ^h 22	n.a.		
W 8	21 21 39	19 ^h 25'53	18 ^m 31	28 [°] 43	6 ^m 33	2 ^h 40	25 [°] 58	7 ^h 44	24 [°] 10	12 ^h 32	27 ^h 28	11 [°] 51	13 ^h 19	0 ^h 28	n.a.		
T 9	21 25 35	20 ^h 26'18	3 ^m 40	0 ^m 16	7 ^m 31	3 ^h 10	25 [°] 51	7 ^h 49	24 [°] 8	12 ^h 32	27 ^h 31	11 [°] 45	13 ^h 16	0 ^h 35	n.a.		
F 10	21 29 32	21 ^h 26'44	18 ^m 31	1 ^m 49	8 ^m 27	3 ^h 41	25 [°] 45	7 ^h 55	24 [°] 6	12 ^h 33	27 ^h 33	11 [°] 40	13 ^h 13	0 ^h 42	n.a.		
S 11	21 33 29	22 ^h 27'13	2 ^m 58	3 ^m 22	9 ^m 23	4 ^h 11	25 [°] 38	8 ^h 0	24 [°] 4	12 ^h R33	27 ^h 36	11 [°] 38	13 ^h 10	0 ^h 48	n.a.		
S 12	21 37 25	23 ^h 27'44	16 ^m 56	4 ^m 54	10 ^m 19	4 ^h 41	25 [°] 32	8 ^h 6	24 [°] 2	12 ^h 33	27 ^h 38	11 [°] D38	13 ^h 6	0 ^h 55	n.a.		
M13	21 41 22	24 ^h 28'17	0 ^m 26	6 ^m 26	11 ^m 14	5 ^h 11	25 [°] 26	8 ^h 12	24 [°] 0	12 ^h 32	27 ^h 41	11 [°] 39	13 ^h 3	1 ^h 2	n.a.		
T 14	21 45 18	25 ^h 28'52	13 ^m 29	7 ^m 57	12 ^m 9	5 ^h 41	25 [°] 20	8 ^h 17	23 [°] 58	12 ^h 32	27 ^h 43	11 [°] 40	13 ^h 0	1 ^h 9	n.a.		
W15	21 49 15	26 ^h 29'29	26 ^m 9	9 ^m 28	13 ^m 3	6 ^h 10	25 [°] 14	8 ^h 23	23 [°] 56	12 ^h 32	27 ^h 45	11 [°] R41	12 ^h 57	1 ^h 15	n.a.		
T 16	21 53 11	27 ^h 30'08	8 ^m 11	10 ^m 59	13 ^m 56	6 ^h 40	25 [°] 8	8 ^h 29	23 [°] 54	12 ^h 32	27 ^h 48	11 [°] 40	12 ^h 54	1 ^h 22	n.a.		
F 17	21 57 8	28 ^h 30'49	20 ^m 39	12 ^m 29	14 ^m 49	7 ^h 9	25 [°] 3	8 ^h 35	23 [°] 52	12 ^h 32	27 ^h 50	11 [°] 37	12 ^h 51	1 ^h 29	n.a.		
S 18	22 1 4	29 ^h 31'32	2 ^m 37	13 ^m 59	15 ^m 41	7 ^h 38	24 [°] 57	8 ^h 41	23 [°] 50	12 ^h 32	27 ^h 53	11 [°] 33	12 ^h 47	1 ^h 35	n.a.		
S 19	22 5 1	0 ^m 32'17	14 ^m 30	15 [°] 28	16 [°] 32	8 ^h 7	24 [°] 52	8 ^h 46	23 [°] 48	12 ^h 31	27 ^h 55	11 [°] 27	12 ^h 44	1 ^h 42	n.a.		
M20	22 8 58	1 ^h 33'04	26 ^m 21	16 [°] 57	17 [°] 23	8 ^h 36	24 [°] 47	8 ^h 52	23 [°] 47	12 ^h 31	27 ^h 58	11 [°] 19	12 ^h 41	1 ^h 49	n.a.		
T 21	22 12 54	2 ^h 33'53	8 ^m 13	18 [°] 25	18 [°] 13	9 ^h 4	24 [°] 42	8 ^h 59	23 [°] 45	12 ^h 31	28 ^h 0	11 [°] 11	12 ^h 38	1 ^h 56	n.a.		
W22	22 16 51	3 ^h 34'43	20 ^m 7	19 [°] 53	19 [°] 2	9 ^h 32	24 [°] 37	9 ^h 5	23 [°] 43	12 ^h 30	28 ^h 3	11 [°] 4	12 ^h 35	2 ^h 2	n.a.		
T 23	22 20 47	4 ^h 35'34	2 ^m 7	21 [°] 21	19 [°] 50	10 ^h 0	24 [°] 33	9 ^h 11	23 [°] 41	12 ^h 30	28 ^h 5	10 [°] 57	12 ^h 31	2 ^h 9	n.a.		
F 24	22 24 44	5 ^h 36'28	14 ^m 13	22 [°] 47	20 [°] 37	10 ^h 28	24 [°] 28	9 ^h 17	23 [°] 40	12 ^h 30	28 ^h 7	10 [°] 53	12 ^h 28	2 ^h 16	n.a.		
S 25	22 28 40	6 ^h 37'22	26 ^m 26	24 [°] 14	21 [°] 24	10 ^h 56	24 [°] 24	9 ^h 23	23 [°] 38	12 ^h 29	28 ^h 10	10 [°] 50	12 ^h 25	2 ^h 22	n.a.		
S 26	22 32 37	7 ^h 38'18	8 ^m 48	25 [°] 39	22 [°] 10	11 ^h 23	24 [°] 20	9 ^h 29	23 [°] 37	12 ^h 29	28 ^h 12	10 [°] D49	12 ^h 22	2 ^h 29	n.a.		
M27	22 36 33	8 ^h 39'16	21 ^m 22	27 [°] 4	22 [°] 54	11 ^h 50	24 [°] 16	9 ^h 36	23 [°] 35	12 ^h 28	28 ^h 15	10 [°] 49	12 ^h 19	2 ^h 36	n.a.		
T 28	22 40 30	9 ^h 40'14	4 ^m 17	28 [°] 28	23 [°] 38	12 ^h 17	24 [°] 13	9 ^h 42	23 [°] 34	12 ^h 28	28 ^h 17	10 [°] 50	12 ^h 16	2 ^h 43	n.a.		
W29	22 44 27	10 ^h 41'14	17 ^m 8	29 [°] 51	24 [°] 21	12 ^h 44	24 [°] 9	9 ^h 48	23 [°] 32	12 ^h 27	28 ^h 20	10 [°] 52	12 ^h 12	2 ^h 49	n.a.		
T 30	22 48 23	11 ^h 42'15	0 ^m 27	1 ^h 13	25 [°] 2	13 ^h 10	24 [°] 3	9 ^h 55	23 [°] 31	12 ^h R26	28 ^h 22	10 [°] 54	12 ^h 9	2 ^h 56	n.a.		

Delta T = 23h27m38s Julian Calendar 1 Sept. 3198 BCE == Greg. Calendar 6 Aug. 3198 BCE
 The year -3197 astronomical counting style corresponds to year 3198 B.C.E historical counting style.

OCTOBER 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	22 52 20	12 ^h 43'17	14 ^m 7	2 ^h 33	25 ^h 42	13 ^h 36	24 [°] R 3	10 ^h 1	23 [°] R29	12 ^h R26	28 ^h 24	10 [°] R54	12 ^h 6	3 ^h 10	n.a.		
S 2	22 56 16	13 ^h 44'19	28 ^m 4	3 ^h 53	26 ^h 22	14 ^h 2	24 [°] R 0	10 ^h 8	23 [°] R28	12 ^h R25	28 ^h 27	10 [°] R53	12 ^h 3	3 ^h 10	n.a.		
S 3	23 0 13	14 ^h 45'23	12 ^m 24	5 ^h 10	27 ^h 0	14 ^h 28	23 [°] 58	10 ^h 14	23 [°] 27	12 ^h 24	28 ^h 29	10 [°] 51	12 ^h 0	3 ^h 16	n.a.		
M 4	23 4 9	15 ^h 46'28	27 ^m 1	6 ^h 26	27 ^h 36	14 ^h 53	23 [°] 55	10 ^h 21	23 [°] 26	12 ^h 24	28 ^h 31	10 [°] 48	11 ^h 56	3 ^h 23	n.a.		
T 5	23 8 6	16 ^h 47'33	11 ^m 50	7 ^h 40	28 ^h 12	15 ^h 18	23 [°] 53	10 ^h 27	23 [°] 24	12 ^h 23	28 ^h 34	10 [°] 45	11 ^h 53	3 ^h 30	n.a.		
W 6	23 12 2	17 ^h 48'40	26 ^m 46	8 ^h 52	28 ^h 46	15 ^h 43	23 [°] 51	10 ^h 34	23 [°] 23	12 ^h 22	28 ^h 36	10 [°] 41	11 ^h 50	3 ^h 36	n.a.		
T 7	23 15 59	18 ^h 49'47	11 ^m 39	10 ^h 0	29 ^h 18	16 ^h 8	23 [°] 49	10 ^h 41	23 [°] 22	12 ^h 21	28 ^h 39	10 [°] 39	11 ^h 47	3 ^h 43	n.a.		
F 8	23 19 56	19 ^h 50'55	26 ^m 21	11 ^h 6	29 ^h 49	16 ^h 32	23 [°] 48	10 ^h 47	23 [°] 21	12 ^h 20	28 ^h 41	10 [°] 37	11 ^h 44	3 ^h 50	n.a.		
S 9	23 23 52	20 ^h 52'04	10 ^m 45	12 ^h 8	0 ^m 18	16 ^h 56	23 [°] 46	10 ^h 54	23 [°] 20	12 ^h 19	28 ^h 43	10 [°] D37	11 ^h 41	3 ^h 57	n.a.		
S 10	23 27 49	21 ^h 53'14	24 ^m 47	13 ^h 6	0 ^m 46	17 ^h 20	23 [°] 45	11 ^h 1	23 [°] 19	12 ^h 18	28 ^h 45	10 [°] 37	11 ^h 37	4 ^h 3	n.a.		
M11	23 31 45	22 ^h 54'26	8 ^m 22	14 ^h 0	1 ^m 12	17 ^h 43	23 [°] 44	11 ^h 8	23 [°] 18	12 ^h 17	28 ^h 48	10 [°] 38	11 ^h 34	4 ^h 10	n.a.		
T 12	23 35 42	23 ^h 55'38	21 ^m 33	14 ^h 48	1 ^m 36	18 ^h 7	23 [°] 43	11 ^h 14	23 [°] 17	12 ^h 16	28 ^h 50	10 [°] 40	11 ^h 31	4 ^h 17	n.a.		
W13	23 39 38	24 ^h 56'52	4 ^m 11	15 ^h 30	1 ^m 59	18 ^h 29	23 [°] 43	11 ^h 21	23 [°] 17	12 ^h 15	28 ^h 52	10 [°] 41	11 ^h 28	4 ^h 23	n.a.		
T 14	23 43 35	25 ^h 58'07	16 ^m 47	16 ^h 5	2 ^m 19	18 ^h 52	23 [°] 42	11 ^h 28	23 [°] 16	12 ^h 14	28 ^h 55	10 [°] 42	11 ^h 25	4 ^h 30	n.a.		
F 15	23 47 31	26 ^h 59'23	28 ^m 58	16 ^h 32	2 ^m 38	19 ^h 14	23 [°] D42	11 ^h 35	23 [°] 15	12 ^h 13	28 ^h 57	10 [°] R42	11 ^h 22	4 ^h 37	n.a.		
S 16	23 51 28	28 ^h 0'40	10 ^m 57	16 ^h 52	2 ^m 54	19 ^h 36	23 [°] 42	11 ^h 42	23 [°] 14	12 ^h 12	28 ^h 59	10 [°] 42	11 ^h 18	4 ^h 43	n.a.		
S 17	23 55 24	29 ^h 1'57	22 ^m 50	17 ^h R 1	3 ^h 9	19 ^h 57	23 [°] 43	11 ^h 48	23 [°] 14	12 ^h 11	29 ^h 1	10 [°] 41	11 ^h 15	4 ^h 50	n.a.		
M18	23 59 21	0 ^m 3'16	4 ^m 14	17 ^h 1	3 ^m 21	20 ^h 18	23 [°] 43	11 ^h 55	23 [°] 13	12 ^h 10	29 ^h 3	10 [°] 39	1				

SWISS EPHEMERIS for the year 3198 BCE

NOVEMBER 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	0 54 33	14 [♌] 22'23	7 [♋] 7	3 [♈] R 8	2 [♈] R 5	24 [♈] II31	24 [♈] III11	13 [♈] Ω33	23 [♈] III11	11 [♈] R51	29 [♈] Ω32	10 [♈] Ω35	10 [♈] Ω28	6 [♈] Ω31	n.a.		
T 2	0 58 29	15 [♌] 23'45	21 [♋] 30	2 [♈] Ω20	1 [♈] M41	24 [♈] 46	24 [♈] 15	13 [♈] 40	23 [♈] 11	11 [♈] Ω50	29 [♈] 34	10 [♈] 36	10 [♈] 24	6 [♈] 38	n.a.		
W 3	1 2 26	16 [♌] 25'07	5 [♋] X56	1 [♈] 41	1 [♈] 15	25 [♈] 0	24 [♈] 18	13 [♈] 47	23 [♈] 11	11 [♈] 48	29 [♈] 36	10 [♈] 36	10 [♈] 21	6 [♈] 44	n.a.		
T 4	1 6 22	17 [♌] 26'28	20 [♋] 20	1 [♈] 14	0 [♈] 48	25 [♈] 14	24 [♈] 22	13 [♈] 54	23 [♈] 12	11 [♈] 47	29 [♈] 38	10 [♈] 37	10 [♈] 18	6 [♈] 51	n.a.		
F 5	1 10 19	18 [♌] 27'49	4 [♋] Y37	0 [♈] 57	0 [♈] 18	25 [♈] 27	24 [♈] 26	14 [♈] 1	23 [♈] 12	11 [♈] 45	29 [♈] 39	10 [♈] R37	10 [♈] 15	6 [♈] 58	n.a.		
S 6	1 14 15	19 [♌] 29'10	18 [♋] 43	0 [♈] D49	29 [♈] Ω46	25 [♈] 40	24 [♈] 31	14 [♈] 8	23 [♈] 12	11 [♈] 44	29 [♈] 41	10 [♈] 37	10 [♈] 12	7 [♈] 4	n.a.		
S 7	1 18 12	20 [♌] 30'30	2 [♋] Ω33	0 [♈] 52	29 [♈] 14	25 [♈] 52	24 [♈] 35	14 [♈] 15	23 [♈] 13	11 [♈] 42	29 [♈] 43	10 [♈] 36	10 [♈] 8	7 [♈] 11	n.a.		
M 8	1 22 9	21 [♌] 31'51	16 [♋] 3	1 [♈] 3	28 [♈] 39	26 [♈] 3	24 [♈] 40	14 [♈] 22	23 [♈] 13	11 [♈] 41	29 [♈] 45	10 [♈] 35	10 [♈] 5	7 [♈] 18	n.a.		
T 9	1 26 5	22 [♌] 33'11	29 [♋] 14	1 [♈] 22	28 [♈] 4	26 [♈] 14	24 [♈] 45	14 [♈] 29	23 [♈] 14	11 [♈] 39	29 [♈] 46	10 [♈] 34	10 [♈] 2	7 [♈] 25	n.a.		
W10	1 30 2	23 [♌] 34'31	12 [♋] II 3	1 [♈] 48	27 [♈] 28	26 [♈] 25	24 [♈] 50	14 [♈] 36	23 [♈] 15	11 [♈] 38	29 [♈] 48	10 [♈] 32	9 [♈] 59	7 [♈] 31	n.a.		
T 11	1 33 58	24 [♌] 35'52	24 [♋] 34	2 [♈] 21	26 [♈] 52	26 [♈] 35	24 [♈] 55	14 [♈] 43	23 [♈] 15	11 [♈] 36	29 [♈] 50	10 [♈] 30	9 [♈] 56	7 [♈] 38	n.a.		
F 12	1 37 55	25 [♌] 37'11	6 [♋] Ω48	3 [♈] 0	26 [♈] 15	26 [♈] 44	25 [♈] 0	14 [♈] 50	23 [♈] 16	11 [♈] 34	29 [♈] 51	10 [♈] 28	9 [♈] 53	7 [♈] 45	n.a.		
S 13	1 41 51	26 [♌] 38'31	18 [♋] 50	3 [♈] 44	25 [♈] 38	26 [♈] 52	25 [♈] 6	14 [♈] 57	23 [♈] 17	11 [♈] 33	29 [♈] 53	10 [♈] 27	9 [♈] 49	7 [♈] 51	n.a.		
S 14	1 45 48	27 [♌] 39'51	0 [♋] Ω45	4 [♈] 32	25 [♈] 1	27 [♈] 0	25 [♈] 11	15 [♈] 3	23 [♈] 18	11 [♈] 31	29 [♈] 54	10 [♈] D27	9 [♈] 46	7 [♈] 58	n.a.		
M15	1 49 44	28 [♌] 41'10	12 [♋] 36	5 [♈] 26	24 [♈] 25	27 [♈] 8	25 [♈] 17	15 [♈] 10	23 [♈] 18	11 [♈] 30	29 [♈] 56	10 [♈] 28	9 [♈] 43	8 [♈] 5	n.a.		
T 16	1 53 41	29 [♌] 42'29	24 [♋] 29	6 [♈] 22	23 [♈] 49	27 [♈] 15	25 [♈] 23	15 [♈] 17	23 [♈] 19	11 [♈] 28	29 [♈] 57	10 [♈] 29	9 [♈] 40	8 [♈] 11	n.a.		
W17	1 57 38	0 [♋] M43'47	6 [♋] Ω28	7 [♈] 22	23 [♈] 15	27 [♈] 21	25 [♈] 30	15 [♈] 24	23 [♈] 20	11 [♈] 26	29 [♈] 59	10 [♈] 31	9 [♈] 37	8 [♈] 18	n.a.		
T 18	2 1 34	1 [♋] 45'05	18 [♋] 38	8 [♈] 26	22 [♈] 41	27 [♈] 26	25 [♈] 36	15 [♈] 31	23 [♈] 21	11 [♈] 25	0 [♋] Ω 0	10 [♈] 33	9 [♈] 33	8 [♈] 25	n.a.		
F 19	2 5 31	2 [♋] 46'23	1 [♋] 3	9 [♈] 31	22 [♈] 10	27 [♈] 31	25 [♈] 43	15 [♈] 38	23 [♈] 22	11 [♈] 23	0 [♈] 2	10 [♈] 34	9 [♈] 30	8 [♈] 32	n.a.		
S 20	2 9 27	3 [♋] 47'40	13 [♋] 44	10 [♈] 40	21 [♈] 39	27 [♈] 35	25 [♈] 49	15 [♈] 45	23 [♈] 24	11 [♈] 21	0 [♈] 3	10 [♈] R34	9 [♈] 27	8 [♈] 38	n.a.		
S 21	2 13 24	4 [♋] 48'56	26 [♋] 43	11 [♈] 50	21 [♈] 11	27 [♈] 38	25 [♈] 56	15 [♈] 51	23 [♈] 25	11 [♈] 20	0 [♈] 4	10 [♈] 33	9 [♈] 24	8 [♈] 45	n.a.		
M22	2 17 20	5 [♋] 50'11	10 [♋] II 1	13 [♈] 3	20 [♈] 44	27 [♈] 40	26 [♈] 3	15 [♈] 58	23 [♈] 26	11 [♈] 18	0 [♈] 6	10 [♈] 31	9 [♈] 21	8 [♈] 52	n.a.		
T 23	2 21 17	6 [♋] 51'26	23 [♋] 35	14 [♈] 17	20 [♈] 20	27 [♈] 42	26 [♈] 10	16 [♈] 5	23 [♈] 27	11 [♈] 16	0 [♈] 7	10 [♈] 27	9 [♈] 18	8 [♈] 58	n.a.		
W24	2 25 13	7 [♋] 52'40	7 [♋] Ω23	15 [♈] 32	19 [♈] 57	27 [♈] 43	26 [♈] 18	16 [♈] 11	23 [♈] 29	11 [♈] 14	0 [♈] 8	10 [♈] 23	9 [♈] 14	9 [♈] 5	n.a.		
T 25	2 29 10	8 [♋] 53'53	21 [♋] 23	16 [♈] 50	19 [♈] 37	27 [♈] R44	26 [♈] 25	16 [♈] 18	23 [♈] 30	11 [♈] 13	0 [♈] 10	10 [♈] 19	9 [♈] 11	9 [♈] 12	n.a.		
F 26	2 33 7	9 [♋] 55'04	5 [♋] Ω30	18 [♈] 8	19 [♈] 20	27 [♈] 43	26 [♈] 33	16 [♈] 25	23 [♈] 31	11 [♈] 11	0 [♈] 11	10 [♈] 15	9 [♈] 8	9 [♈] 19	n.a.		
S 27	2 37 3	10 [♋] 56'14	19 [♋] 40	19 [♈] 28	19 [♈] 4	27 [♈] 42	26 [♈] 41	16 [♈] 31	23 [♈] 33	11 [♈] 9	0 [♈] 12	10 [♈] 12	9 [♈] 5	9 [♈] 25	n.a.		
S 28	2 41 0	11 [♋] 57'23	3 [♋] Ω51	20 [♈] 49	18 [♈] 52	27 [♈] 40	26 [♈] 49	16 [♈] 38	23 [♈] 34	11 [♈] 8	0 [♈] 13	10 [♈] 10	9 [♈] 2	9 [♈] 32	n.a.		
M29	2 44 56	12 [♋] 58'31	18 [♋] 1	22 [♈] 11	18 [♈] 41	27 [♈] 37	26 [♈] 57	16 [♈] 44	23 [♈] 36	11 [♈] 6	0 [♈] 14	10 [♈] D10	8 [♈] 59	9 [♈] 39	n.a.		
T 30	2 48 53	13 [♋] M59'37	2 [♋] X 7	23 [♈] Ω34	18 [♈] Ω33	27 [♈] II34	27 [♈] 5	16 [♈] Ω51	23 [♈] Ω38	11 [♈] 4	0 [♋] Ω15	10 [♈] Ω11	8 [♈] Ω55	9 [♈] Ω45	n.a.		

Delta T = 23h27m32s Julian Calendar 1 Nov. 3198 BCE == Greg. Calendar 6 Oct. 3198 BCE
 The year -3197 astronomical counting style corresponds to year 3198 B.C.E historical counting style.

DECEMBER 3198 BCE (-3197) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	2 52 49	15 [♋] M 0'41	16 [♋] X 8	24 [♋] Ω58	18 [♋] R28	27 [♋] R30	27 [♋] Ω14	16 [♋] Ω57	23 [♋] Ω39	11 [♋] R 3	0 [♋] Ω16	10 [♋] Ω12	8 [♋] Ω52	9 [♋] Ω52	n.a.		
T 2	2 56 46	16 [♋] 1'44	0 [♋] Y 4	26 [♋] 23	18 [♋] Ω25	27 [♋] II25	27 [♋] 22	17 [♋] 4	23 [♋] 41	11 [♋] Ω 1	0 [♋] 17	10 [♋] 14	8 [♋] 49	9 [♋] 59	n.a.		
F 3	3 0 42	17 [♋] 2'46	13 [♋] 51	27 [♋] 49	18 [♋] D25	27 [♋] 19	27 [♋] 31	17 [♋] 10	23 [♋] 43	10 [♋] 59	0 [♋] 18	10 [♋] R14	8 [♋] 46	10 [♋] 5	n.a.		
S 4	3 4 39	18 [♋] 3'46	27 [♋] 30	29 [♋] 16	18 [♋] 27	27 [♋] 12	27 [♋] 40	17 [♋] 17	23 [♋] 44	10 [♋] 57	0 [♋] 19	10 [♋] 13	8 [♋] 43	10 [♋] 12	n.a.		
S 5	3 8 36	19 [♋] 4'45	10 [♋] Ω57	0 [♋] M43	18 [♋] 31	27 [♋] 5	27 [♋] 49	17 [♋] 23	23 [♋] 46	10 [♋] 56	0 [♋] 20	10 [♋] 9	8 [♋] 39	10 [♋] 19	n.a.		
M 6	3 12 32	20 [♋] 5'42	24 [♋] 10	2 [♋] 11	18 [♋] 38	26 [♋] 57	27 [♋] 58	17 [♋] 29	23 [♋] 48	10 [♋] 54	0 [♋] 21	10 [♋] 4	8 [♋] 36	10 [♋] 26	n.a.		
T 7	3 16 29	21 [♋] 6'38	7 [♋] II 9	3 [♋] 40	18 [♋] 47	26 [♋] 48	28 [♋] 7	17 [♋] 35	23 [♋] 50	10 [♋] 52	0 [♋] 21	9 [♋] 57	8 [♋] 33	10 [♋] 32	n.a.		
W 8	3 20 25	22 [♋] 7'33	19 [♋] 53	5 [♋] 10	18 [♋] 58	26 [♋] 38	28 [♋] 17	17 [♋] 42	23 [♋] 52	10 [♋] 51	0 [♋] 22	9 [♋] 49	8 [♋] 30	10 [♋] 39	n.a.		
T 9	3 24 22	23 [♋] 8'27	2 [♋] Ω21	6 [♋] 41	19 [♋] 12	26 [♋] 27	28 [♋] 26	17 [♋] 48	23 [♋] 54	10 [♋] 49	0 [♋] 23	9 [♋] 41	8 [♋] 27	10 [♋] 46	n.a.		
F 10	3 28 18	24 [♋] 9'19	14 [♋] 35	8 [♋] 12	19 [♋] 28	26 [♋] 16	28 [♋] 36	17 [♋] 54	23 [♋] 56	10 [♋] 47	0 [♋] 24	9 [♋] 34	8 [♋] 24	10 [♋] 52	n.a.		
S 11	3 32 15	25 [♋] 10'10	26 [♋] 37	9 [♋] 44	19 [♋] 45	26 [♋] 4	28 [♋] 45	18 [♋] 0	23 [♋] 58	10 [♋] 46	0 [♋] 24	9 [♋] 28	8 [♋] 20	10 [♋] 59	n.a.		
S 12	3 36 11	26 [♋] 11'00	8 [♋] Ω32	11 [♋] 17	20 [♋] 5	25 [♋] 51	28 [♋] 55	18 [♋] 6	24 [♋] 0	10 [♋] 44	0 [♋] 25	9 [♋] 24	8 [♋] 17	11 [♋] 6	n.a.		
M13	3 40 8	27 [♋] 11'48	20 [♋] 22	12 [♋] 50	20 [♋] 27	25 [♋] 37	29 [♋] 5	18 [♋] 12	24 [♋] 3	10 [♋] 43	0 [♋] 26	9 [♋] 22	8 [♋] 14	11 [♋] 13	n.a.		
T 14	3 44 5	28 [♋] 12'35	2 [♋] Ω14	14 [♋] 25	20 [♋] 50	25 [♋] 23	29 [♋] 15	18 [♋] 18	24 [♋] 5	10 [♋] 41	0 [♋] 26	9 [♋] D22	8 [♋] 11	11 [♋] 19	n.a.		
W15	3 48 1	29 [♋] 13'21	14 [♋] 12	16 [♋] 0	21 [♋] 16	25 [♋] 8	29 [♋] 25	18 [♋] 24	24 [♋] 7	10 [♋] 39	0 [♋] 27	9 [♋] 23	8 [♋] 8	11 [♋] 26	n.a.		
T 16	3 51 58	0 [♋] X14'05	26 [♋] 22	17 [♋] 36	21 [♋] 43	24 [♋] 52	29 [♋] 36	18 [♋] 30	24 [♋] 9	10 [♋] 38	0 [♋] 27	9 [♋] 24	8 [♋] 4	11 [♋] 33	n.a.		
F 17	3 55 54	1 [♋] 14'48	8 [♋] Ω48	19 ^{♋</}													