

SWISS EPHEMERIS for the year 2519 BCE

JANUARY 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	5 16 58	21 [♌] 30'58	24 [♋] 33	28 [♊] 30	8 [♈] 6	22 [♏] 24	9 [♎] 12	4 [♎] 39	26 [♎] 6	2 [♎] R34	13 [♎] R40	3 [♎] D46	2 [♎] 34	7 [♎] 15	n.a.
M 2	5 20 54	22 [♌] 31'21	6 [♋] 22	0 [♊] 22	9 [♈] 16	23 [♏] 11	9 [♎] 13	4 [♎] 44	26 [♎] 8	2 [♎] 32	13 [♎] 39	3 [♎] 47	2 [♎] 30	7 [♎] 22	n.a.
T 3	5 24 51	23 [♌] 31'43	18 [♋] 11	2 [♊] 14	10 [♈] 25	23 [♏] 58	9 [♎] 15	4 [♎] 50	26 [♎] 10	2 [♎] 30	13 [♎] 38	3 [♎] 48	2 [♎] 27	7 [♎] 29	n.a.
W 4	5 28 47	24 [♌] 32'02	0 [♋] 5	4 [♊] 6	11 [♈] 35	24 [♏] 45	9 [♎] 17	4 [♎] 55	26 [♎] 12	2 [♎] 29	13 [♎] 37	3 [♎] R49	2 [♎] 24	7 [♎] 35	n.a.
T 5	5 32 44	25 [♌] 32'18	12 [♋] 9	5 [♊] 58	12 [♈] 45	25 [♏] 32	9 [♎] 19	5 [♎] 0	26 [♎] 14	2 [♎] 27	13 [♎] 36	3 [♎] 49	2 [♎] 21	7 [♎] 42	n.a.
F 6	5 36 41	26 [♌] 32'33	24 [♋] 27	7 [♊] 49	13 [♈] 54	26 [♏] 19	9 [♎] 22	5 [♎] 6	26 [♎] 16	2 [♎] 25	13 [♎] 35	3 [♎] 46	2 [♎] 18	7 [♎] 49	n.a.
S 7	5 40 37	27 [♌] 32'46	7 [♋] 0	9 [♊] 39	15 [♈] 4	27 [♏] 6	9 [♎] 24	5 [♎] 11	26 [♎] 18	2 [♎] 24	13 [♎] 34	3 [♎] 42	2 [♎] 15	7 [♎] 55	n.a.
S 8	5 44 34	28 [♌] 32'56	19 [♋] 52	11 [♊] 28	16 [♈] 14	27 [♏] 53	9 [♎] 27	5 [♎] 16	26 [♎] 20	2 [♎] 22	13 [♎] 34	3 [♎] 35	2 [♎] 11	8 [♎] 2	n.a.
M 9	5 48 30	29 [♌] 33'05	3 [♋] 2	13 [♊] 15	17 [♈] 24	28 [♏] 40	9 [♎] 30	5 [♎] 21	26 [♎] 22	2 [♎] 21	13 [♎] 33	3 [♎] 26	2 [♎] 8	8 [♎] 9	n.a.
T 10	5 52 27	0 [♌] 33'11	16 [♋] 28	15 [♊] 0	18 [♈] 34	29 [♏] 27	9 [♎] 33	5 [♎] 26	26 [♎] 24	2 [♎] 19	13 [♎] 32	3 [♎] 16	2 [♎] 5	8 [♎] 15	n.a.
W11	5 56 23	1 [♌] 33'16	0 [♋] 9	16 [♊] 42	19 [♈] 45	0 [♏] 14	9 [♎] 36	5 [♎] 31	26 [♎] 27	2 [♎] 17	13 [♎] 31	3 [♎] 6	2 [♎] 2	8 [♎] 22	n.a.
T 12	6 0 20	2 [♌] 33'18	14 [♋] 0	18 [♊] 22	20 [♈] 55	1 [♏] 1	9 [♎] 40	5 [♎] 36	26 [♎] 29	2 [♎] 16	13 [♎] 30	2 [♎] 57	1 [♎] 59	8 [♎] 29	n.a.
F 13	6 4 16	3 [♌] 33'18	27 [♋] 59	19 [♊] 58	22 [♈] 5	1 [♏] 48	9 [♎] 43	5 [♎] 41	26 [♎] 31	2 [♎] 14	13 [♎] 30	2 [♎] 50	1 [♎] 55	8 [♎] 35	n.a.
S 14	6 8 13	4 [♌] 33'17	12 [♋] 3	21 [♊] 29	23 [♈] 16	2 [♏] 34	9 [♎] 47	5 [♎] 46	26 [♎] 34	2 [♎] 12	13 [♎] 29	2 [♎] 45	1 [♎] 52	8 [♎] 42	n.a.
S 15	6 12 10	5 [♌] 33'14	26 [♋] 9	22 [♊] 56	24 [♈] 26	3 [♏] 21	9 [♎] 51	5 [♎] 50	26 [♎] 36	2 [♎] 10	13 [♎] 28	2 [♎] 43	1 [♎] 49	8 [♎] 49	n.a.
M16	6 16 6	6 [♌] 33'09	10 [♋] 15	24 [♊] 18	25 [♈] 37	4 [♏] 8	9 [♎] 55	5 [♎] 55	26 [♎] 38	2 [♎] 9	13 [♎] 27	2 [♎] D43	1 [♎] 46	8 [♎] 55	n.a.
T 17	6 20 3	7 [♌] 33'02	24 [♋] 22	25 [♊] 34	26 [♈] 47	4 [♏] 55	10 [♎] 0	5 [♎] 59	26 [♎] 41	2 [♎] 7	13 [♎] 27	2 [♎] 43	1 [♎] 43	9 [♎] 2	n.a.
W18	6 23 59	8 [♌] 32'53	8 [♋] 27	26 [♊] 43	27 [♈] 58	5 [♏] 42	10 [♎] 4	6 [♎] 4	26 [♎] 43	2 [♎] 5	13 [♎] 26	2 [♎] R43	1 [♎] 40	9 [♎] 9	n.a.
T 19	6 27 56	9 [♌] 32'42	22 [♋] 29	27 [♊] 46	29 [♈] 9	6 [♏] 28	10 [♎] 9	6 [♎] 8	26 [♎] 46	2 [♎] 4	13 [♎] 25	2 [♎] 42	1 [♎] 36	9 [♎] 15	n.a.
F 20	6 31 52	10 [♌] 32'30	6 [♋] 27	28 [♊] 41	0 [♏] 19	7 [♏] 15	10 [♎] 14	6 [♎] 12	26 [♎] 49	2 [♎] 2	13 [♎] 25	2 [♎] 38	1 [♎] 33	9 [♎] 22	n.a.
S 21	6 35 49	11 [♌] 32'15	20 [♋] 18	29 [♊] 29	1 [♏] 30	8 [♏] 2	10 [♎] 19	6 [♎] 17	26 [♎] 51	2 [♎] 1	13 [♎] 24	2 [♎] 31	1 [♎] 30	9 [♎] 29	n.a.
S 22	6 39 45	12 [♌] 31'59	3 [♋] 59	0 [♋] 8	2 [♏] 41	8 [♏] 48	10 [♎] 24	6 [♎] 21	26 [♎] 54	1 [♎] 59	13 [♎] 24	2 [♎] 21	1 [♎] 27	9 [♎] 35	n.a.
M23	6 43 42	13 [♌] 31'40	17 [♋] 26	0 [♋] 39	3 [♏] 52	9 [♏] 35	10 [♎] 30	6 [♎] 25	26 [♎] 57	1 [♎] 57	13 [♎] 23	2 [♎] 10	1 [♎] 24	9 [♎] 42	n.a.
T 24	6 47 39	14 [♌] 31'19	0 [♋] 37	1 [♋] 2	5 [♏] 3	10 [♏] 21	10 [♎] 35	6 [♎] 29	26 [♎] 59	1 [♎] 56	13 [♎] 23	1 [♎] 57	1 [♎] 21	9 [♎] 49	n.a.
W25	6 51 35	15 [♌] 30'56	13 [♋] 30	1 [♋] 16	6 [♏] 14	11 [♏] 8	10 [♎] 41	6 [♎] 33	27 [♎] 2	1 [♎] 54	13 [♎] 22	1 [♎] 45	1 [♎] 17	9 [♎] 55	n.a.
T 26	6 55 32	16 [♌] 30'30	26 [♋] 5	1 [♋] R22	7 [♏] 25	11 [♏] 54	10 [♎] 47	6 [♎] 37	27 [♎] 5	1 [♎] 52	13 [♎] 22	1 [♎] 34	1 [♎] 14	10 [♎] 2	n.a.
F 27	6 59 28	17 [♌] 30'02	8 [♋] 23	1 [♋] 19	8 [♏] 36	12 [♏] 41	10 [♎] 53	6 [♎] 40	27 [♎] 8	1 [♎] 51	13 [♎] 21	1 [♎] 26	1 [♎] 11	10 [♎] 8	n.a.
S 28	7 3 25	18 [♌] 29'31	20 [♋] 27	1 [♋] 8	9 [♏] 47	13 [♏] 27	10 [♎] 59	6 [♎] 44	27 [♎] 10	1 [♎] 49	13 [♎] 21	1 [♎] 20	1 [♎] 8	10 [♎] 15	n.a.
S 29	7 7 21	19 [♌] 28'58	2 [♋] 22	0 [♋] 49	10 [♏] 58	14 [♏] 14	11 [♎] 6	6 [♎] 48	27 [♎] 13	1 [♎] 48	13 [♎] 20	1 [♎] 17	1 [♎] 5	10 [♎] 22	n.a.
M30	7 11 18	20 [♌] 28'22	14 [♋] 10	0 [♋] 23	12 [♏] 9	15 [♏] 0	11 [♎] 12	6 [♎] 51	27 [♎] 16	1 [♎] 46	13 [♎] 20	1 [♎] 16	1 [♎] 1	10 [♎] 28	n.a.
T 31	7 15 14	21 [♌] 27'44	25 [♋] 59	29 [♊] 51	13 [♏] 21	15 [♏] 46	11 [♎] 19	6 [♎] 55	27 [♎] 19	1 [♎] 45	13 [♎] 19	1 [♎] 16	0 [♎] 58	10 [♎] 35	n.a.

Delta T = 17h26m49s Julian Calendar 1 Jan. 2519 BCE == Greg. Calendar 11 Dec. 2520 BCE
 The year -2518 astronomical counting style corresponds to year 2519 B.C.E historical counting style.

FEBRUARY 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
W 1	7 19 11	22 [♌] 27'03	7 [♋] 54	29 [♊] R12	14 [♏] 32	16 [♏] 32	11 [♎] 26	6 [♎] 58	27 [♎] 22	1 [♎] R43	13 [♎] R19	1 [♎] R16	0 [♎] 55	10 [♎] 42	n.a.
T 2	7 23 8	23 [♌] 26'20	19 [♋] 59	28 [♊] 29	15 [♏] 43	17 [♏] 19	11 [♎] 32	7 [♎] 1	27 [♎] 25	1 [♎] 41	13 [♎] 19	1 [♎] 14	0 [♎] 52	10 [♎] 48	n.a.
F 3	7 27 4	24 [♌] 25'35	2 [♋] 20	27 [♊] 42	16 [♏] 54	18 [♏] 5	11 [♎] 40	7 [♎] 4	27 [♎] 28	1 [♎] 40	13 [♎] 18	1 [♎] 11	0 [♎] 49	10 [♎] 55	n.a.
S 4	7 31 1	25 [♌] 24'47	15 [♋] 1	26 [♊] 52	18 [♏] 6	18 [♏] 51	11 [♎] 47	7 [♎] 7	27 [♎] 31	1 [♎] 38	13 [♎] 18	1 [♎] 5	0 [♎] 46	11 [♎] 2	n.a.
S 5	7 34 57	26 [♌] 23'56	28 [♋] 4	26 [♊] 0	19 [♏] 17	19 [♏] 37	11 [♎] 54	7 [♎] 10	27 [♎] 34	1 [♎] 37	13 [♎] 18	0 [♎] 57	0 [♎] 42	11 [♎] 8	n.a.
M 6	7 38 54	27 [♌] 23'04	11 [♋] 31	25 [♊] 8	20 [♏] 28	20 [♏] 23	12 [♎] 2	7 [♎] 13	27 [♎] 37	1 [♎] 35	13 [♎] 18	0 [♎] 46	0 [♎] 39	11 [♎] 15	n.a.
T 7	7 42 50	28 [♌] 22'09	25 [♋] 19	24 [♊] 15	21 [♏] 40	21 [♏] 9	12 [♎] 9	7 [♎] 16	27 [♎] 40	1 [♎] 34	13 [♎] 17	0 [♎] 34	0 [♎] 36	11 [♎] 22	n.a.
W 8	7 46 47	29 [♌] 21'11	9 [♋] 25	23 [♊] 25	22 [♏] 51	21 [♏] 55	12 [♎] 17	7 [♎] 19	27 [♎] 43	1 [♎] 33	13 [♎] 17	0 [♎] 22	0 [♎] 33	11 [♎] 28	n.a.
T 9	7 50 44	0 [♌] 20'12	23 [♋] 43	22 [♊] 36	24 [♏] 3	22 [♏] 41	12 [♎] 25	7 [♎] 21	27 [♎] 47	1 [♎] 31	13 [♎] 17	0 [♎] 11	0 [♎] 30	11 [♎] 35	n.a.
F 10	7 54 40	1 [♌] 19'10	8 [♋] 9	21 [♊] 51	25 [♏] 14	23 [♏] 27	12 [♎] 33	7 [♎] 24	27 [♎] 50	1 [♎] 30	13 [♎] 17	0 [♎] 2	0 [♎] 27	11 [♎] 42	n.a.
S 11	7 58 37	2 [♌] 18'06	22 [♋] 35	21 [♊] 10	26 [♏] 26	24 [♏] 13	12 [♎] 42	7 [♎] 26	27 [♎] 53	1 [♎] 28	13 [♎] 17	29 [♎] 56	0 [♎] 23	11 [♎] 48	n.a.
S 12	8 2 33	3 [♌] 17'01	6 [♋] 57	20 [♊] 32	27 [♏] 37	24 [♏] 59	12 [♎] 50	7 [♎] 29	27 [♎] 56	1 [♎] 27	13 [♎] 17	29 [♎] 53	0 [♎] 20	11 [♎] 55	n.a.
M13	8 6 30	4 [♌] 15'53	21 [♋] 12	20 [♊] 0	28 [♏] 49	25 [♏] 44	12 [♎] 58	7 [♎] 31	27 [♎] 59	1 [♎] 26	13 [♎] 17	29 [♎] 51	0 [♎] 17	12 [♎] 2	n.a.
T 14	8 10 26	5 [♌] 14'43	5 [♋] 18	19 [♊] 33	0 [♏] 1	26 [♏] 30	13 [♎] 7	7 [♎] 33	28 [♎] 2	1 [♎] 24	13 [♎] 17	29 [♎] 51	0 [♎] 14	12 [♎] 8	n.a.
W15	8 14 23	6 [♌] 13'32	19 [♋] 14	19 [♊] 11	1 [♏] 12	27 [♏] 16	13 [♎] 16	7 [♎] 35	28 [♎] 6	1 [♎] 23	13 [♎] D17	29 [♎] 51	0 [♎] 11	12 [♎] 15	n.a.
T 16	8 18 19	7 [♌] 12'19	3 [♋] 1	18 [♊] 55	2 [♏] 24	28 [♏] 1	13 [♎] 24	7 [♎] 37	28 [♎] 9	1 [♎] 22	13 [♎] 17	29 [♎] 49	0 [♎] 7	12 [♎] 22	n.a.
F 17	8 22 16	8 [♌] 11'0													

SWISS EPHEMERIS for the year 2519 BCE

MARCH 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
W 1	9 9 35	19 ⁵³ 19	15 ⁵⁰ 50	23 ³ 3	17 ⁵⁸ 58	7 ⁵¹ 51	15 ³⁰ 30	7 ⁵⁵ 55	28 ⁵² 52	1 ⁰ R 7	13 ¹⁹ 19	28 ¹⁸ 18	29 ²⁶ 26	13 ⁴⁸ 48	n.a.
T 2	9 13 31	20 ⁵¹ 36	27 ⁵⁴ 54	23 ⁵² 52	19 ¹⁰ 10	8 ³⁶ 36	15 ⁴⁰ 40	7 ⁵⁵ 55	28 ⁵⁶ 56	1 ⁵ 6	13 ¹⁹ 19	28 ¹⁸ 18	29 ²³ 23	13 ⁵⁵ 55	n.a.
F 3	9 17 28	21 ⁴⁹ 51	10 ¹⁵ 15	24 ⁴³ 43	20 ²² 22	9 ²⁰ 20	15 ⁵⁰ 50	7 ⁵⁶ 56	28 ⁵⁹ 59	1 ⁰ 5	13 ²⁰ 20	28 ¹⁶ 16	29 ²⁰ 20	14 ⁰ 1	n.a.
S 4	9 21 24	22 ⁴⁸ 03	22 ⁵⁷ 57	25 ³⁸ 38	21 ³⁴ 34	10 ⁰ 5	16 ⁰ 1	7 ⁵⁶ 56	29 ⁰ 3	1 ⁰ 4	13 ²⁰ 20	28 ¹³ 13	29 ¹⁷ 17	14 ⁰ 8	n.a.
S 5	9 25 21	23 ⁴⁶ 14	6 ³ 3	26 ³⁶ 36	22 ⁴⁶ 46	10 ⁵⁰ 50	16 ¹² 12	7 ⁵⁷ 57	29 ⁰ 6	1 ⁰ 3	13 ²⁰ 20	28 ⁰ 6	29 ¹³ 13	14 ¹⁵ 15	n.a.
M 6	9 29 17	24 ⁴⁴ 22	19 ³⁷ 37	27 ³⁷ 37	23 ⁵⁸ 58	11 ³⁵ 35	16 ²² 22	7 ⁵⁷ 57	29 ¹⁰ 10	1 ⁰ 2	13 ²¹ 21	27 ⁵⁸ 58	29 ¹⁰ 10	14 ²¹ 21	n.a.
T 7	9 33 14	25 ⁴² 28	3 ³⁶ 36	28 ⁴¹ 41	25 ¹⁰ 10	12 ²⁰ 20	16 ³³ 33	7 ⁵⁷ 57	29 ¹³ 13	1 ⁰ 2	13 ²¹ 21	27 ⁴⁹ 49	29 ⁰ 7	14 ²⁸ 28	n.a.
W 8	9 37 11	26 ⁴⁰ 32	17 ⁵⁹ 59	29 ⁴⁷ 47	26 ²² 22	13 ⁰ 4	16 ⁴⁴ 44	7 ⁵⁷ 57	29 ¹⁶ 16	1 ⁰ 1	13 ²² 22	27 ³⁹ 39	29 ⁰ 4	14 ³⁵ 35	n.a.
T 9	9 41 7	27 ³⁸ 34	2 ³⁸ 38	0 ⁵⁶ 56	27 ³⁴ 34	13 ⁴⁹ 49	16 ⁵⁵ 55	7 ⁵⁷ 57	29 ²⁰ 20	1 ⁰ 0	13 ²² 22	27 ³⁰ 30	29 ⁰ 1	14 ⁴¹ 41	n.a.
F 10	9 45 4	28 ³⁶ 34	17 ²⁸ 28	2 ⁰ 7	28 ⁴⁷ 47	14 ³³ 33	17 ⁰ 6	7 ⁵⁷ 57	29 ²³ 23	0 ⁵⁹ 59	13 ²³ 23	27 ²³ 23	28 ⁵⁸ 58	14 ⁴⁸ 48	n.a.
S 11	9 49 0	29 ³⁴ 32	2 ¹⁸ 18	3 ²¹ 21	29 ⁵⁹ 59	15 ¹⁸ 18	17 ¹⁷ 17	7 ⁵⁷ 57	29 ²⁷ 27	0 ⁵⁹ 59	13 ²³ 23	27 ¹⁹ 19	28 ⁵⁴ 54	14 ⁵⁵ 55	n.a.
S 12	9 52 57	0 ³² 29	17 ⁰ 3	4 ³⁷ 37	1 ¹¹ 11	16 ⁰ 2	17 ²⁸ 28	7 ⁵⁶ 56	29 ³⁰ 30	0 ⁵⁸ 58	13 ²⁴ 24	27 ¹⁶ 16	28 ⁵¹ 51	15 ⁰ 1	n.a.
M13	9 56 53	1 ³⁰ 24	1 ³⁶ 36	5 ⁵⁶ 56	2 ²³ 23	16 ⁴⁷ 47	17 ⁴⁰ 40	7 ⁵⁶ 56	29 ³⁴ 34	0 ⁵⁷ 57	13 ²⁵ 25	27 ¹⁶ 16	28 ⁴⁸ 48	15 ⁰ 8	n.a.
T 14	10 0 50	2 ²⁸ 18	15 ⁵³ 53	7 ¹⁷ 17	3 ³⁵ 35	17 ³¹ 31	17 ⁵¹ 51	7 ⁵⁵ 55	29 ³⁷ 37	0 ⁵⁷ 57	13 ²⁵ 25	27 ¹⁷ 17	28 ⁴⁵ 45	15 ¹⁵ 15	n.a.
W15	10 4 46	3 ²⁶ 10	29 ⁵³ 53	8 ⁴⁰ 40	4 ⁴⁷ 47	18 ¹⁶ 16	18 ⁰ 3	7 ⁵⁵ 55	29 ⁴¹ 41	0 ⁵⁶ 56	13 ²⁶ 26	27 ¹⁸ 18	28 ⁴² 42	15 ²¹ 21	n.a.
T 16	10 8 43	4 ²⁴ 01	13 ³⁶ 36	10 ⁰ 5	6 ⁰ 0	19 ⁰ 0	18 ¹⁴ 14	7 ⁵⁴ 54	29 ⁴⁴ 44	0 ⁵⁵ 55	13 ²⁶ 26	27 ¹⁷ 17	28 ³⁸ 38	15 ²⁸ 28	n.a.
F 17	10 12 40	5 ²¹ 50	27 ⁰ 2	11 ³² 32	7 ¹² 12	19 ⁴⁴ 44	18 ²⁶ 26	7 ⁵³ 53	29 ⁴⁷ 47	0 ⁵⁵ 55	13 ²⁷ 27	27 ¹⁵ 15	28 ³⁵ 35	15 ³⁴ 34	n.a.
S 18	10 16 36	6 ¹⁹ 39	10 ³ 14	13 ⁰ 1	8 ²⁴ 24	20 ²⁸ 28	18 ³⁷ 37	7 ⁵² 52	29 ⁵¹ 51	0 ⁵⁴ 54	13 ²⁸ 28	27 ¹¹ 11	28 ³² 32	15 ⁴¹ 41	n.a.
S 19	10 20 33	7 ¹⁷ 25	23 ¹¹ 11	14 ³² 32	9 ³⁶ 36	21 ¹² 12	18 ⁴⁹ 49	7 ⁵¹ 51	29 ⁵⁴ 54	0 ⁵⁴ 54	13 ²⁹ 29	27 ⁰ 4	28 ²⁹ 29	15 ⁴⁸ 48	n.a.
M20	10 24 29	8 ¹⁵ 11	5 ⁵⁵ 55	16 ⁰ 6	10 ⁴⁹ 49	21 ⁵⁶ 56	19 ⁰ 1	7 ⁵⁰ 50	29 ⁵⁸ 58	0 ⁵³ 53	13 ²⁹ 29	26 ⁵⁷ 57	28 ²⁶ 26	15 ⁵⁴ 54	n.a.
T 21	10 28 26	9 ¹² 55	18 ²⁷ 27	17 ⁴¹ 41	12 ⁰ 1	22 ⁴⁰ 40	19 ¹³ 13	7 ⁴⁹ 49	0 ⁵ 1	0 ⁵³ 53	13 ³⁰ 30	26 ⁴⁸ 48	28 ²³ 23	16 ⁰ 1	n.a.
W22	10 32 22	10 ¹⁰ 37	0 ⁴⁸ 48	19 ¹⁸ 18	13 ¹³ 13	23 ²⁴ 24	19 ²⁵ 25	7 ⁴⁸ 48	0 ⁰ 5	0 ⁵³ 53	13 ³¹ 31	26 ³⁹ 39	28 ¹⁹ 19	16 ⁰ 8	n.a.
T 23	10 36 19	11 ⁰ 8'17	12 ⁵⁸ 58	20 ⁵⁸ 58	14 ²⁶ 26	24 ⁰ 8	19 ³⁷ 37	7 ⁴⁶ 46	0 ⁰ 8	0 ⁵² 52	13 ³² 32	26 ³² 32	28 ¹⁶ 16	16 ¹⁴ 14	n.a.
F 24	10 40 15	12 ⁰ 5'57	25 ⁰ 0	22 ³⁹ 39	15 ³⁸ 38	24 ⁵² 52	19 ⁴⁹ 49	7 ⁴⁵ 45	0 ⁰ 11	0 ⁵² 52	13 ³³ 33	26 ²⁶ 26	28 ¹³ 13	16 ²¹ 21	n.a.
S 25	10 44 12	13 ⁰ 3'34	6 ⁵³ 53	24 ²² 22	16 ⁵¹ 51	25 ³⁶ 36	20 ⁰ 1	7 ⁴³ 43	0 ⁰ 15	0 ⁵² 52	13 ³³ 33	26 ²² 22	28 ¹⁰ 10	16 ²⁸ 28	n.a.
S 26	10 48 9	14 ⁰ 1'10	18 ⁴² 42	26 ⁰ 8	18 ⁰ 3	26 ²⁰ 20	20 ¹³ 13	7 ⁴² 42	0 ⁰ 18	0 ⁵¹ 51	13 ³⁴ 34	26 ²⁰ 20	28 ⁰ 7	16 ³⁴ 34	n.a.
M27	10 52 5	14 ⁵⁸ 45	0 ⁸ 28	27 ⁵⁵ 55	19 ¹⁵ 15	27 ⁰ 3	20 ²⁶ 26	7 ⁴⁰ 40	0 ²¹ 21	0 ⁵¹ 51	13 ³⁵ 35	26 ^{D20} 20	28 ⁰ 4	16 ⁴¹ 41	n.a.
T 28	10 56 2	15 ⁵⁶ 18	12 ¹⁶ 16	29 ⁴⁵ 45	20 ²⁸ 28	27 ⁴⁷ 47	20 ³⁸ 38	7 ³⁸ 38	0 ²⁵ 25	0 ⁵¹ 51	13 ³⁶ 36	26 ²¹ 21	28 ⁰ 0	16 ⁴⁸ 48	n.a.
W29	10 59 58	16 ⁵³ 49	24 ¹⁰ 10	1 ³⁶ 36	21 ⁴⁰ 40	28 ³⁰ 30	20 ⁵⁰ 50	7 ³⁶ 36	0 ²⁸ 28	0 ⁵¹ 51	13 ³⁷ 37	26 ²² 22	27 ⁵⁷ 57	16 ⁵⁴ 54	n.a.
T 30	11 3 55	17 ⁵¹ 19	6 ¹¹ 14	3 ²⁹ 29	22 ⁵³ 53	29 ¹⁴ 14	21 ⁰ 3	7 ³⁴ 34	0 ³¹ 31	0 ⁵¹ 51	13 ³⁸ 38	26 ²⁴ 24	27 ⁵⁴ 54	17 ⁰ 1	n.a.
F 31	11 7 51	18 ⁴⁸ 47	18 ¹¹ 34	5 ³⁵ 25	24 ⁵ 5	29 ⁵⁷ 57	21 ¹⁵ 15	7 ³² 32	0 ³⁵ 35	0 ⁵¹ 51	13 ³⁹ 39	26 ^{R24} 24	27 ⁵¹ 51	17 ⁸ 8	n.a.

Delta T = 17h26m44s Julian Calendar 1 March 2519 BCE == Greg. Calendar 8 Feb. 2519 BCE
 The year -2518 astronomical counting style corresponds to year 2519 B.C.E historical counting style.

APRIL 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	11 11 48	19 ⁴⁶ 13	1 ¹³ 13	7 ²² 22	25 ¹⁸ 18	0 ⁴¹ 41	21 ²⁸ 28	7 ^{R30} 30	0 ³⁸ 38	0 ^{R51} 51	13 ⁴⁰ 40	26 ^{R24} 24	27 ⁴⁸ 48	17 ¹⁴ 14	n.a.
S 2	11 15 44	20 ⁴³ 39	14 ¹⁷ 17	9 ²¹ 21	26 ³⁰ 30	1 ²⁴ 24	21 ⁴⁰ 40	7 ²⁸ 28	0 ⁴¹ 41	0 ^{D51} 51	13 ⁴¹ 41	26 ^{Y21} 21	27 ⁴⁴ 44	17 ²¹ 21	n.a.
M 3	11 19 41	21 ⁴¹ 02	27 ⁴⁸ 48	11 ²² 22	27 ⁴³ 43	2 ⁰ 7	21 ⁵³ 53	7 ²⁶ 26	0 ⁴⁵ 45	0 ⁵¹ 51	13 ⁴² 42	26 ¹⁸ 18	27 ⁴¹ 41	17 ²⁸ 28	n.a.
T 4	11 23 38	22 ³⁸ 24	11 ⁴⁷ 47	13 ²⁵ 25	28 ⁵⁵ 55	2 ⁵¹ 51	22 ⁰ 6	7 ²³ 23	0 ⁴⁸ 48	0 ⁵¹ 51	13 ⁴³ 43	26 ¹³ 13	27 ³⁸ 38	17 ³⁴ 34	n.a.
W 5	11 27 34	23 ³⁵ 45	26 ¹³ 13	15 ²⁹ 29	0 ⁸ 8	3 ³⁴ 34	22 ¹⁸ 18	7 ²¹ 21	0 ⁵¹ 51	0 ⁵¹ 51	13 ⁴⁴ 44	26 ⁰ 9	27 ³⁵ 35	17 ⁴¹ 41	n.a.
T 6	11 31 31	24 ³³ 04	11 ¹¹ 11	17 ³⁵ 35	1 ²⁰ 20	4 ¹⁷ 17	22 ³¹ 31	7 ¹⁸ 18	0 ⁵⁴ 54	0 ⁵¹ 51	13 ⁴⁵ 45	26 ⁰ 4	27 ³² 32	17 ⁴⁷ 47	n.a.
F 7	11 35 27	25 ³⁰ 22	2 ⁶ 3	19 ⁴³ 43	2 ³³ 33	5 ⁰ 0	22 ⁴⁴ 44	7 ¹⁵ 15	0 ⁵⁸ 58	0 ⁵¹ 51	13 ⁴⁶ 46	26 ⁰ 1	27 ²⁹ 29	17 ⁵⁴ 54	n.a.
S 8	11 39 24	26 ²⁷ 39	11 ¹⁰ 10	21 ⁵¹ 51	3 ⁴⁵ 45	5 ⁴³ 43	22 ⁵⁷ 57	7 ¹³ 13	1 ⁰ 1	0 ⁵¹ 51	13 ⁴⁷ 47	25 ⁵⁹ 59	27 ²⁵ 25	18 ⁰ 1	n.a.
S 9	11 43 20	27 ²⁴ 55	26 ¹⁴ 14	24 ⁰ 1	4 ⁵⁸ 58	6 ²⁶ 26	23 ¹⁰ 10	7 ¹⁰ 10	1 ⁰ 4	0 ⁵¹ 51	13 ⁴⁸ 48	25 ^{D58} 58	27 ²² 22	18 ⁰ 7	n.a.
M10	11 47 17	28 ²² 10	11 ¹¹ 11	26 ¹¹ 11	6 ¹¹ 11	7 ⁰ 9	23 ²² 22	7 ⁰ 7	1 ⁰ 7	0 ⁵² 52	13 ⁵⁰ 50	25 ⁵⁹ 59	27 ¹⁹ 19	18 ¹⁴ 14	n.a.
T 11	11 51 13	29 ¹⁹ 25	25 ⁴⁰ 40	28 ²² 22	7 ²³ 23	7 ⁵² 52	23 ³⁵ 35	7 ⁰ 4	1 ¹⁰ 10	0 ⁵² 52	13 ⁵¹ 51	26 ⁰ 0	27 ¹⁶ 16	18 ²¹ 21	n.a.
W12	11 55 10	0 ¹⁶ 39	9 ⁴⁷ 47	0 ³⁴ 34	8 ³⁶ 36	8 ³⁴ 34	23 ⁴⁸ 48	7 ⁰ 1	1 ¹³ 13	0 ⁵² 52	13 ⁵² 52	26 ⁰ 1	27 ¹³ 13	18 ²⁷ 27	n.a.
T 13	11 59 6	1 ¹³ 52	23 ⁴¹ 41	2 ⁴⁵ 45	9 ⁴⁹ 49	9 ¹⁷ 17	24 ⁰ 1	6 ⁵⁸ 58	1 ¹⁶ 16	0 ⁵³ 53	13 ⁵³ 53	26 ⁰ 2	27 ⁰ 9	18 ³⁴ 34	n.a.
F 14	12 3 3	2 ¹¹ 05	7 ³ 8	4 ⁵⁶ 56	11 ⁰ 1	10 ⁰ 0	24 ¹⁵ 15	6 ⁵⁵ 55	1 ²⁰ 20	0 ⁵³ 53	13 ⁵⁴ 54	26 ^R 2	27 ⁰ 6	18 ⁴¹ 41	n.a.
S 15	12 7 0	3 ⁰ 8'17	20 ¹³ 13	7 ⁰ 7	12 ¹⁴ 14	10 ⁴² 42	24 ²⁸ 28	6 ⁵² 52	1 ²³ 23	0 ⁵³ 53	13 ⁵⁵ 55	26 ⁰ 1	27 ⁰ 3	18 ⁴⁷ 47	n.a.
S 16	12 10 56	4 ⁰ 5'28	3 ³ 0	9 ¹⁷ 17	13 ²⁷ 27	11 ²⁵ 25	24 ⁴¹ 41	6 ⁴⁸ 48	1 ²⁶ 26	0 ⁵⁴ 54	13 ⁵⁷ 57	25 ⁵⁹ 59	27 ⁰ 0	18 ⁵⁴ 54	n.a.
M17	12 14 53	5 ⁰ 2'39	15 ³² 32	11 ²⁶ 26	14 ⁴⁰ 40	12 ⁰ 7	24 ⁵⁴ 54	6 ⁴⁵ 45	1						

SWISS EPHEMERIS for the year 2519 BCE

MAY 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	13 10 4	18°22'07	6♄32	8♃21	1♃40	21♃57	28♃1	5°R52	2♃8	1♃4	14♃17	25°R49	26♃12	20♃34	n.a.								
T 2	13 14 1	19°19'09	20°24	9°59	2°53	22°38	28°14	5♄48	2°11	1°5	14°18	25°Y49	26°9	20°40	n.a.								
W 3	13 17 58	20°16'10	4♃41	11°35	4°6	23°20	28°28	5°44	2°13	1°6	14°20	25°48	26°6	20°47	n.a.								
T 4	13 21 54	21°13'10	19°23	13°9	5°19	24°1	28°41	5°40	2°16	1°7	14°21	25°48	26°3	20°54	n.a.								
F 5	13 25 51	22°10'10	4♃22	14°40	6°32	24°43	28°55	5°36	2°18	1°8	14°23	25°47	26°0	21°0	n.a.								
S 6	13 29 47	23°7'10	19°32	16°9	7°46	25°24	29°9	5°31	2°21	1°9	14°24	25°D47	25°56	21°7	n.a.								
S 7	13 33 44	24°4'10	4♄44	17°35	8°59	26°6	29°22	5°27	2°23	1°10	14°25	25°47	25°53	21°14	n.a.								
M 8	13 37 40	25°1'10	19°48	18°58	10°12	26°47	29°36	5°23	2°25	1°11	14°27	25°47	25°50	21°20	n.a.								
T 9	13 41 37	25°58'10	4♃35	20°19	11°25	27°28	29°49	5°19	2°28	1°12	14°28	25°R47	25°47	21°27	n.a.								
W10	13 45 33	26°55'10	19°0	21°38	12°38	28°9	0♃3	5°14	2°30	1°13	14°30	25°47	25°44	21°33	n.a.								
T 11	13 49 30	27°52'11	3♃0	22°54	13°51	28°50	0°16	5°10	2°32	1°15	14°31	25°47	25°41	21°40	n.a.								
F 12	13 53 27	28°49'11	16°33	24°7	15°5	29°32	0°30	5°5	2°35	1°16	14°33	25°47	25°37	21°47	n.a.								
S 13	13 57 23	29°46'13	29°40	25°17	16°18	0°Y13	0°43	5°1	2°37	1°17	14°34	25°D47	25°34	21°53	n.a.								
S 14	14 1 20	0♃43'14	12♃25	26°25	17°31	0°54	0°57	4°57	2°39	1°18	14°36	25°47	25°31	22°0	n.a.								
M15	14 5 16	1°40'16	24°51	27°30	18°45	1°35	1°11	4°52	2°41	1°20	14°37	25°47	25°28	22°7	n.a.								
T 16	14 9 13	2°37'19	7♃2	28°31	19°58	2°15	1°24	4°48	2°43	1°21	14°39	25°48	25°25	22°13	n.a.								
W17	14 13 9	3°34'21	19°1	29°30	21°11	2°56	1°38	4°43	2°45	1°22	14°41	25°49	25°21	22°20	n.a.								
T 18	14 17 6	4°31'25	0°Y53	0♃25	22°25	3°37	1°51	4°39	2°47	1°24	14°42	25°49	25°18	22°27	n.a.								
F 19	14 21 2	5°28'28	12°41	1°18	23°38	4°18	2°5	4°35	2°49	1°25	14°44	25°50	25°15	22°33	n.a.								
S 20	14 24 59	6°25'33	24°28	2°6	24°51	4°58	2°18	4°30	2°51	1°26	14°45	25°R50	25°12	22°40	n.a.								
S 21	14 28 56	7°22'37	6♃16	2°52	26°5	5°39	2°32	4°26	2°53	1°28	14°47	25°50	25°9	22°47	n.a.								
M22	14 32 52	8°19'42	18°8	3°33	27°18	6°19	2°46	4°21	2°55	1°29	14°48	25°49	25°6	22°53	n.a.								
T 23	14 36 49	9°16'48	0♃6	4°11	28°32	7°0	2°59	4°17	2°57	1°31	14°50	25°48	25°2	23°0	n.a.								
W24	14 40 45	10°13'54	12°12	4°45	29°45	7°40	3°13	4°13	2°59	1°32	14°51	25°46	24°59	23°6	n.a.								
T 25	14 44 42	11°11'00	24°28	5°15	0♃59	8°21	3°26	4°8	3°0	1°34	14°53	25°44	24°56	23°13	n.a.								
F 26	14 48 38	12°8'07	6♃57	5°40	2°12	9°1	3°40	4°4	3°2	1°36	14°54	25°42	24°53	23°20	n.a.								
S 27	14 52 35	13°5'14	19°40	6°1	3°26	9°41	3°53	4°0	3°4	1°37	14°56	25°40	24°50	23°26	n.a.								
S 28	14 56 31	14°2'21	2♄42	6°18	4°40	10°21	4°7	3°55	3°5	1°39	14°58	25°39	24°47	23°33	n.a.								
M29	15 0 28	14°59'29	16°3	6°30	5°53	11°2	4°20	3°51	3°7	1°40	14°59	25°D38	24°43	23°40	n.a.								
T 30	15 4 25	15°56'37	29°46	6°37	7°7	11°42	4°33	3°47	3°9	1°42	15°1	25°39	24°40	23°46	n.a.								
W31	15 8 21	16°53'46	13♃51	6°R40	8♃21	12°Y22	4♃47	3♄42	3♃10	1♃44	15♃2	25°Y40	24°Y37	23°Y53	n.a.								

Delta T = 17h26m39s Julian Calendar 1 May 2519 BCE == Greg. Calendar 10 Apr. 2519 BCE
 The year -2518 astronomical counting style corresponds to year 2519 B.C.E historical counting style.

JUNE 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	15 12 18	17°50'54	28♃17	6°R37	9♃34	13°Y2	5♃0	3°R38	3♃11	1♃45	15♃4	25°Y41	24°Y34	24°Y0	n.a.								
F 2	15 16 14	18°48'04	13♃2	6♃29	10°48	13°41	5°14	3♄34	3°13	1°47	15°5	25°42	24°31	24°6	n.a.								
S 3	15 20 11	19°45'14	28°0	6°17	12°2	14°21	5°27	3°30	3°14	1°49	15°7	25°R42	24°27	24°13	n.a.								
S 4	15 24 7	20°42'25	13♄5	6°0	13°15	15°1	5°40	3°26	3°15	1°51	15°9	25°42	24°24	24°20	n.a.								
M 5	15 28 4	21°39'37	28°6	5°38	14°29	15°41	5°54	3°22	3°17	1°52	15°10	25°40	24°21	24°26	n.a.								
T 6	15 32 0	22°36'49	12♃56	5°12	15°43	16°20	6°7	3°18	3°18	1°54	15°12	25°37	24°18	24°33	n.a.								
W 7	15 35 57	23°34'03	27°28	4°41	16°57	17°0	6°20	3°14	3°19	1°56	15°13	25°33	24°15	24°40	n.a.								
T 8	15 39 54	24°31'18	11♃34	4°7	18°11	17°40	6°33	3°10	3°20	1°58	15°15	25°29	24°12	24°46	n.a.								
F 9	15 43 50	25°28'35	25°14	3°29	19°25	18°19	6°46	3°6	3°21	2°0	15°16	25°25	24°8	24°53	n.a.								
S 10	15 47 47	26°25'52	8♃26	2°48	20°38	18°58	7°0	3°2	3°22	2°2	15°18	25°23	24°5	24°59	n.a.								
S 11	15 51 43	27°23'11	21°13	2°5	21°52	19°38	7°13	2°58	3°23	2°4	15°19	25°21	24°2	25°6	n.a.								
M12	15 55 40	28°20'31	3♃39	1°21	23°6	20°17	7°26	2°54	3°24	2°5	15°21	25°D21	23°59	25°13	n.a.								
T 13	15 59 36	29°17'52	15°48	0°36	24°20	20°56	7°39	2°51	3°25	2°7	15°22	25°22	23°56	25°19	n.a.								
W14	16 3 33	0♃15'15	27°45	29♃51	25°34	21°36	7°52	2°47	3°26	2°9	15°24	25°24	23°52	25°26	n.a.								
T 15	16 7 29	1°12'40	9°Y34	29°7	26°48	22°15	8°5	2°43	3°27	2°11	15°25	25°26	23°49	25°33	n.a.								
F 16	16 11 26	2°10'05	21°21	28°25	28°2	22°54	8°18	2°40	3°27	2°13	15°27	25°R27	23°46	25°39	n.a.								
S 17	16 15 23	3°7'33	3♃8	27°45	29°16	23°33	8°31	2°36	3°28	2°15	15°28	25°26	23°43	25°46	n.a.								
S 18	16 19 19	4°5'01	15°1	27°8	0♃31	24°12	8°44	2°33	3°29	2°17	15°30	25°24	23°40	25°53	n.a.								
M19	16 23 16	5°2'31	27°1	26°36	1°45	24°51	8°56	2°29	3°29	2°19	15°31	25°21	23°37	25°59	n.a.								
T 20	16 27 12	6°0'03	9♃10	26°8	2°59	25°30	9°9	2°26	3°30	2°21	15°33	25°15	23°33	26°6	n.a.								
W21	16 31 9	6°57'36	21°29	25°46	4°13	26°9	9°22	2°23	3°30	2°23	15°34	25°8	23°30	26°13	n.a.								
T 22	16 35 5	7°55'10	4♃1	25°29	5°27	26°47	9°35	2°20	3°31	2°25	15°36	25°1	23°27	26°19	n.a.								
F 23	16 39 2	8°52'46	16°44	25°19	6°41	27°26	9°47	2°16	3°31	2°27	15°37	24°53	23°24	26°26	n.a.								
S 24	16 42 58	9°50'23	29°41	25°D15	7°56	28°5	10°0	2°13	3°31	2°30	15°39	24°47	23°21	26°33	n.a.								
S 25	16 46 55	10°48'01	12♄52	25°18	9°10	28°43	10°13	2°10	3°32	2°32	15°40	24°42	23°18	26°39	n.a.								
M26	16 50 52	11°45'40	26°16	25°29	10°24	29°22	10°25	2°8	3°32	2°34	15°42	24°39	23°14	26°46	n.a.								
T 27	16 54 48	12°43'20	9♃56	25°46	11°39	0♃0	10°37	2°5	3°32	2°36	15°43	24°D38	23°11	26°52	n.a.								
W28	16 58 45	13°41'02	23°52	26°11	12°53	0°38	10°50	2°2	3°32	2°38	15°44	24°38	23°8	26°59	n.a.								
T 29	17 2 41	14°38'45	8♃3	26°43	14°7	1°17	11°2	1°59	3°32	2°40	15°46	24°39	23°5	27°6	n.a.								
F 30	17 6 38	15°36'29	22♃29	27°22	15°II22	1♃55	11♃14	1♄57	3°R32	2♃42	15♃47	24°R40	23°Y2	27°Y12	n.a.								

Delta T = 17h26m37s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [6.2.2007]

SWISS EPHEMERIS for the year 2519 BCE

JULY 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	17 10 34	16II34'15	7♏ 6	28♄ 8	16II36	2♄33	11♄27	1°R54	3°R32	2♄44	15♄49	24°R39	22°V58	27°V19	n.a.		
S 2	17 14 31	17°32'02	21°51	29° 1	17°50	3°11	11°39	1♏52	3♄32	2°47	15°50	24°V37	22°55	27°26	n.a.		
M 3	17 18 27	18°29'51	6♄36	0II 0	19° 5	3°49	11°51	1°49	3°32	2°49	15°51	24°32	22°52	27°32	n.a.		
T 4	17 22 24	19°27'42	21°15	1° 6	20°19	4°27	12° 3	1°47	3°32	2°51	15°53	24°25	22°49	27°39	n.a.		
W 5	17 26 21	20°25'34	5♄39	2°19	21°34	5° 5	12°15	1°45	3°32	2°53	15°54	24°16	22°46	27°46	n.a.		
T 6	17 30 17	21°23'28	19°44	3°37	22°48	5°43	12°27	1°43	3°32	2°55	15°55	24° 7	22°43	27°52	n.a.		
F 7	17 34 14	22°21'24	3♄24	5° 1	24° 3	6°21	12°39	1°41	3°31	2°57	15°57	23°58	22°39	27°59	n.a.		
S 8	17 38 10	23°19'22	16°38	6°30	25°17	6°59	12°51	1°39	3°31	3° 0	15°58	23°51	22°36	28° 6	n.a.		
S 9	17 42 7	24°17'22	29°27	8° 3	26°32	7°37	13° 2	1°37	3°30	3° 2	15°59	23°46	22°33	28°12	n.a.		
M10	17 46 3	25°15'24	11♄55	9°41	27°46	8°14	13°14	1°35	3°30	3° 4	16° 1	23°43	22°30	28°19	n.a.		
T 11	17 50 0	26°13'28	24° 4	11°22	29° 1	8°52	13°26	1°34	3°30	3° 6	16° 2	23°D42	22°27	28°26	n.a.		
W12	17 53 56	27°11'35	6♄ 1	13° 7	0♄15	9°29	13°37	1°32	3°29	3° 9	16° 3	23°42	22°24	28°32	n.a.		
T 13	17 57 53	28° 9'43	17°50	14°55	1°30	10° 7	13°48	1°31	3°28	3°11	16° 4	23°R43	22°20	28°39	n.a.		
F 14	18 1 50	29° 7'54	29°38	16°45	2°45	10°44	14° 0	1°29	3°28	3°13	16° 5	23°43	22°17	28°45	n.a.		
S 15	18 5 46	0♄ 6'06	11♄28	18°37	3°59	11°21	14°11	1°28	3°27	3°15	16° 7	23°41	22°14	28°52	n.a.		
S 16	18 9 43	1° 4'21	23°25	20°30	5°14	11°59	14°22	1°27	3°26	3°17	16° 8	23°38	22°11	28°59	n.a.		
M17	18 13 39	2° 2'39	5II34	22°25	6°29	12°36	14°33	1°26	3°25	3°20	16° 9	23°31	22° 8	29° 5	n.a.		
T 18	18 17 36	3° 0'58	17°55	24°21	7°43	13°13	14°44	1°25	3°25	3°22	16°10	23°22	22° 4	29°12	n.a.		
W19	18 21 32	3°59'20	0♄31	26°17	8°58	13°50	14°55	1°24	3°24	3°24	16°11	23°11	22° 1	29°19	n.a.		
T 20	18 25 29	4°57'43	13°22	28°13	10°13	14°27	15° 6	1°23	3°23	3°26	16°12	22°59	21°58	29°25	n.a.		
F 21	18 29 26	5°56'09	26°27	0♄ 9	11°28	15° 4	15°17	1°22	3°22	3°29	16°14	22°47	21°55	29°32	n.a.		
S 22	18 33 22	6°54'36	9♏44	2° 5	12°42	15°41	15°28	1°22	3°21	3°31	16°15	22°36	21°52	29°39	n.a.		
S 23	18 37 19	7°53'05	23°13	4° 0	13°57	16°17	15°38	1°21	3°20	3°33	16°16	22°27	21°49	29°45	n.a.		
M24	18 41 15	8°51'37	6♏52	5°55	15°12	16°54	15°49	1°21	3°19	3°35	16°17	22°21	21°45	29°52	n.a.		
T 25	18 45 12	9°50'10	20°39	7°50	16°27	17°31	15°59	1°20	3°17	3°38	16°18	22°18	21°42	29°59	n.a.		
W26	18 49 8	10°48'44	4♄35	9°43	17°42	18° 7	16°10	1°20	3°16	3°40	16°19	22°17	21°39	0♄ 5	n.a.		
T 27	18 53 5	11°47'21	18°38	11°36	18°56	18°44	16°20	1°20	3°15	3°42	16°20	22°16	21°36	0°12	n.a.		
F 28	18 57 1	12°45'59	2♏49	13°28	20°11	19°20	16°30	1°D20	3°14	3°44	16°21	22°16	21°33	0°19	n.a.		
S 29	19 0 58	13°44'40	17° 5	15°19	21°26	19°57	16°40	1°20	3°12	3°46	16°22	22°15	21°30	0°25	n.a.		
S 30	19 4 55	14°43'22	1♄26	17° 8	22°41	20°33	16°50	1°20	3°11	3°49	16°23	22°11	21°26	0°32	n.a.		
M31	19 8 51	15°42'06	15♄46	18♄57	23♄56	21♄ 9	17♄ 0	1♏21	3♄10	3♄51	16♄23	22°V 4	21°V23	0♄38	n.a.		

Delta T = 17h26m34s Julian Calendar 1 July 2519 BCE == Greg. Calendar 10 June 2519 BCE
 The year -2518 astronomical counting style corresponds to year 2519 B.C.E historical counting style.

AUGUST 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	19 12 48	16♄40'53	0♄ 2	20♄45	25♄11	21♄45	17♄ 9	1♏21	3°R 8	3♄53	16♄24	21°R54	21°V20	0♄45	n.a.		
W 2	19 16 44	17°39'41	14° 7	22°32	26°26	22°21	17°19	1°21	3°H 7	3°55	16°25	21°V42	21°17	0°52	n.a.		
T 3	19 20 41	18°38'32	27°57	24°18	27°40	22°57	17°28	1°22	3° 5	3°57	16°26	21°30	21°14	0°58	n.a.		
F 4	19 24 37	19°37'24	11♄27	26° 3	28°55	23°33	17°38	1°23	3° 4	4° 0	16°27	21°18	21°10	1° 5	n.a.		
S 5	19 28 34	20°36'19	24°36	27°47	0♏10	24° 9	17°47	1°23	3° 2	4° 2	16°28	21° 8	21° 7	1°12	n.a.		
S 6	19 32 30	21°35'17	7♄23	29°30	1°25	24°44	17°56	1°24	3° 0	4° 4	16°28	21° 0	21° 4	1°18	n.a.		
M 7	19 36 27	22°34'17	19°49	1♏12	2°40	25°20	18° 5	1°25	2°59	4° 6	16°29	20°54	21° 1	1°25	n.a.		
T 8	19 40 24	23°33'19	1°V59	2°53	3°55	25°56	18°14	1°26	2°57	4° 8	16°30	20°52	20°58	1°32	n.a.		
W 9	19 44 20	24°32'23	13°56	4°33	5°10	26°31	18°23	1°27	2°55	4°10	16°31	20°51	20°55	1°38	n.a.		
T 10	19 48 17	25°31'31	25°46	6°13	6°25	27° 7	18°32	1°29	2°53	4°12	16°31	20°51	20°51	1°45	n.a.		
F 11	19 52 13	26°30'40	7♄34	7°51	7°40	27°42	18°40	1°30	2°52	4°14	16°32	20°50	20°48	1°52	n.a.		
S 12	19 56 10	27°29'53	19°25	9°28	8°55	28°17	18°48	1°31	2°50	4°17	16°33	20°49	20°45	1°58	n.a.		
S 13	20 0 6	28°29'07	1II26	11° 5	10°10	28°52	18°57	1°33	2°48	4°19	16°33	20°45	20°42	2° 5	n.a.		
M14	20 4 3	29°28'25	13°40	12°41	11°25	29°27	19° 5	1°35	2°46	4°21	16°34	20°38	20°39	2°12	n.a.		
T 15	20 7 59	0♏27'44	26°11	14°16	12°40	0II 2	19°13	1°36	2°44	4°23	16°35	20°29	20°36	2°18	n.a.		
W16	20 11 56	1°27'07	9♄ 1	15°50	13°55	0°37	19°21	1°38	2°42	4°25	16°35	20°18	20°32	2°25	n.a.		
T 17	20 15 53	2°26'31	22° 9	17°23	15°10	1°12	19°29	1°40	2°40	4°27	16°36	20° 5	20°29	2°32	n.a.		
F 18	20 19 49	3°25'58	5♏36	18°55	16°25	1°47	19°36	1°42	2°38	4°29	16°36	19°53	20°26	2°38	n.a.		
S 19	20 23 46	4°25'27	19°19	20°27	17°40	2°21	19°44	1°44	2°36	4°31	16°37	19°41	20°23	2°45	n.a.		
S 20	20 27 42	5°24'58	3♏13	21°58	18°55	2°56	19°51	1°46	2°34	4°33	16°37	19°32	20°20	2°51	n.a.		
M21	20 31 39	6°24'31	17°15	23°28	20°10	3°30	19°58	1°49	2°31	4°35	16°38	19°26	20°16	2°58	n.a.		
T 22	20 35 35	7°24'06	1♄21	24°57	21°25	4° 4	20° 5	1°51	2°29	4°37	16°38	19°22	20°13	3° 5	n.a.		
W23	20 39 32	8°23'43	15°29	26°26	22°40	4°39	20°12	1°54	2°27	4°39	16°38	19°D21	20°10	3°11	n.a.		
T 24	20 43 28	9°23'22	29°37	27°53	23°55	5°13	20°19	1°56	2°25	4°41	16°39	19°21	20° 7	3°18	n.a.		
F 25	20 47 25	10°23'03	13II44	29°20	25°10	5°47	20°26	1°59	2°23	4°43	16°39	19°R22	20° 4	3°25	n.a.		
S 26	20 51 22	11°22'46	27°48	0♏46	26°25	6°21	20°32	2° 2	2°20	4°44	16°39	19°21	20° 1	3°31	n.a.		
S 27	20 55 18	12°22'31	11♄48	2°11	27°40	6°54	20°38	2° 4	2°18	4°46	16°40	19°17	19°57	3°38	n.a.		
M28	20 59 15	13°22'18	25°44	3°35	28°55	7°28	20°45	2° 7	2°16	4°48	16°40	19°11	19°54	3°45	n.a.		
T 29	21 3 11	14°22'07	9♄33	4°59	0♏ 9	8° 2	20°51	2°10	2°14	4°50	16°40	19° 3	19°51	3°51	n.a.		
W30	21 7 8	15°21'57	23°12	6°21	1°24	8°35	20°56	2°13	2°11	4°52	16°41	18°53	19°48	3°58	n.a.		
T 31	21 11 4	16♏21'50	6♄39	7♏42	2♏39	9II 9	21♄ 2	2♏17	2♄ 9	4♄54	16♄41	18°V42	19°V45	4♄ 5	n.a.		

Delta T = 17h26m32s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 2519 BCE

SEPTEMBER 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	21 15 1	17 ^h 21'45	19 ^h 50	9 ^h 2	3 ^h 54	9 ^h 42	21 ^h 8	2 ^h 20	2 ^h R 7	4 ^h 55	16 ^h 41	18 ^h R31	19 ^h 42	4 ^h 11	n.a.		
S 2	21 18 58	18 ^h 21'42	2 ^h 45	10 ^h 21	5 ^h 9	10 ^h 15	21 ^h 13	2 ^h 23	2 ^h X 4	4 ^h 57	16 ^h 41	18 ^h Y22	19 ^h 38	4 ^h 18	n.a.		
S 3	21 22 54	19 ^h 21'41	15 ^h 22	11 ^h 39	6 ^h 24	10 ^h 48	21 ^h 18	2 ^h 27	2 ^h 2	4 ^h 59	16 ^h 41	18 ^h 14	19 ^h 35	4 ^h 25	n.a.		
M 4	21 26 51	20 ^h 21'42	27 ^h 43	12 ^h 56	7 ^h 39	11 ^h 21	21 ^h 23	2 ^h 30	1 ^h 59	5 ^h 0	16 ^h 41	18 ^h 10	19 ^h 32	4 ^h 31	n.a.		
T 5	21 30 47	21 ^h 21'45	9 ^h Y50	14 ^h 11	8 ^h 54	11 ^h 54	21 ^h 28	2 ^h 34	1 ^h 57	5 ^h 2	16 ^h 41	18 ^h 8	19 ^h 29	4 ^h 38	n.a.		
W 6	21 34 44	22 ^h 21'51	21 ^h 45	15 ^h 24	10 ^h 9	12 ^h 26	21 ^h 33	2 ^h 38	1 ^h 54	5 ^h 4	16 ^h 41	18 ^h D 7	19 ^h 26	4 ^h 45	n.a.		
T 7	21 38 40	23 ^h 21'59	3 ^h 35	16 ^h 36	11 ^h 24	12 ^h 59	21 ^h 37	2 ^h 42	1 ^h 52	5 ^h 5	16 ^h 42	18 ^h 8	19 ^h 22	4 ^h 51	n.a.		
F 8	21 42 37	24 ^h 22'10	15 ^h 23	17 ^h 46	12 ^h 39	13 ^h 31	21 ^h 41	2 ^h 45	1 ^h 50	5 ^h 7	16 ^h R42	18 ^h 9	19 ^h 19	4 ^h 58	n.a.		
S 9	21 46 33	25 ^h 22'22	27 ^h 14	18 ^h 54	13 ^h 54	14 ^h 4	21 ^h 46	2 ^h 49	1 ^h 47	5 ^h 9	16 ^h 41	18 ^h R10	19 ^h 16	5 ^h 4	n.a.		
S 10	21 50 30	26 ^h 22'37	9 ^h II15	20 ^h 0	15 ^h 9	14 ^h 36	21 ^h 50	2 ^h 53	1 ^h 45	5 ^h 10	16 ^h 41	18 ^h 8	19 ^h 13	5 ^h 11	n.a.		
M11	21 54 26	27 ^h 22'55	21 ^h 29	21 ^h 3	16 ^h 24	15 ^h 8	21 ^h 53	2 ^h 58	1 ^h 42	5 ^h 12	16 ^h 41	18 ^h 5	19 ^h 10	5 ^h 18	n.a.		
T 12	21 58 23	28 ^h 23'14	4 ^h 3	22 ^h 4	17 ^h 38	15 ^h 40	21 ^h 57	3 ^h 2	1 ^h 40	5 ^h 13	16 ^h 41	18 ^h 0	19 ^h 7	5 ^h 24	n.a.		
W13	22 2 20	29 ^h 23'36	16 ^h 58	23 ^h 1	18 ^h 53	16 ^h 12	22 ^h 0	3 ^h 6	1 ^h 37	5 ^h 15	16 ^h 41	17 ^h 53	19 ^h 3	5 ^h 31	n.a.		
T 14	22 6 16	0 ^h 24'00	0 ^h LI17	23 ^h 55	20 ^h 8	16 ^h 43	22 ^h 4	3 ^h 10	1 ^h 35	5 ^h 16	16 ^h 41	17 ^h 45	19 ^h 0	5 ^h 38	n.a.		
F 15	22 10 13	1 ^h 24'26	13 ^h 59	24 ^h 46	21 ^h 23	17 ^h 15	22 ^h 7	3 ^h 15	1 ^h 32	5 ^h 18	16 ^h 41	17 ^h 37	18 ^h 57	5 ^h 44	n.a.		
S 16	22 14 9	2 ^h 24'54	28 ^h 1	25 ^h 32	22 ^h 38	17 ^h 46	22 ^h 10	3 ^h 19	1 ^h 30	5 ^h 19	16 ^h 41	17 ^h 29	18 ^h 54	5 ^h 51	n.a.		
S 17	22 18 6	3 ^h 25'23	12 ^h 20	26 ^h 13	23 ^h 53	18 ^h 18	22 ^h 12	3 ^h 24	1 ^h 27	5 ^h 20	16 ^h 40	17 ^h 24	18 ^h 51	5 ^h 58	n.a.		
M18	22 22 2	4 ^h 25'55	26 ^h 49	26 ^h 49	25 ^h 8	18 ^h 49	22 ^h 15	3 ^h 29	1 ^h 25	5 ^h 22	16 ^h 40	17 ^h 20	18 ^h 48	6 ^h 4	n.a.		
T 19	22 25 59	5 ^h 26'28	11 ^h 23	27 ^h 19	26 ^h 23	19 ^h 20	22 ^h 17	3 ^h 33	1 ^h 22	5 ^h 23	16 ^h 40	17 ^h D18	18 ^h 44	6 ^h 11	n.a.		
W20	22 29 55	6 ^h 27'02	25 ^h 54	27 ^h 43	27 ^h 37	19 ^h 50	22 ^h 19	3 ^h 38	1 ^h 20	5 ^h 24	16 ^h 40	17 ^h 18	18 ^h 41	6 ^h 18	n.a.		
T 21	22 33 52	7 ^h 27'39	10 ^h LI20	28 ^h 0	28 ^h 52	20 ^h 21	22 ^h 21	3 ^h 43	1 ^h 17	5 ^h 26	16 ^h 39	17 ^h 19	18 ^h 38	6 ^h 24	n.a.		
F 22	22 37 49	8 ^h 28'17	24 ^h 36	28 ^h 8	0 ^h LI 7	20 ^h 51	22 ^h 23	3 ^h 48	1 ^h 15	5 ^h 27	16 ^h 39	17 ^h 21	18 ^h 35	6 ^h 31	n.a.		
S 23	22 41 45	9 ^h 28'56	8 ^h X41	28 ^h R 8	1 ^h 22	21 ^h 22	22 ^h 24	3 ^h 53	1 ^h 12	5 ^h 28	16 ^h 39	17 ^h R21	18 ^h 32	6 ^h 38	n.a.		
S 24	22 45 42	10 ^h 29'37	2 ^h 34	27 ^h 59	2 ^h 37	21 ^h 52	22 ^h 26	3 ^h 58	1 ^h 10	5 ^h 29	16 ^h 38	17 ^h 21	18 ^h 28	6 ^h 44	n.a.		
M25	22 49 38	11 ^h 30'19	6 ^h 31	27 ^h 40	3 ^h 51	22 ^h 22	22 ^h 27	4 ^h 3	1 ^h 8	5 ^h 30	16 ^h 38	17 ^h 18	18 ^h 25	6 ^h 51	n.a.		
T 26	22 53 35	12 ^h 31'02	19 ^h 41	27 ^h 11	5 ^h 6	22 ^h 51	22 ^h 28	4 ^h 8	1 ^h 5	5 ^h 32	16 ^h 37	17 ^h 14	18 ^h 22	6 ^h 58	n.a.		
W27	22 57 31	13 ^h 31'47	2 ^h 56	26 ^h 32	6 ^h 21	23 ^h 21	22 ^h 28	4 ^h 14	1 ^h 3	5 ^h 33	16 ^h 37	17 ^h 9	18 ^h 19	7 ^h 4	n.a.		
T 28	23 1 28	14 ^h 32'33	15 ^h 57	25 ^h 43	7 ^h 36	23 ^h 50	22 ^h 29	4 ^h 19	1 ^h 0	5 ^h 34	16 ^h 36	17 ^h 3	18 ^h 16	7 ^h 11	n.a.		
F 29	23 5 24	15 ^h 33'21	28 ^h 46	24 ^h 44	8 ^h 50	24 ^h 20	22 ^h 29	4 ^h 24	0 ^h 58	5 ^h 35	16 ^h 36	16 ^h 58	18 ^h 13	7 ^h 18	n.a.		
S 30	23 9 21	16 ^h 34'09	11 ^h X21	23 ^h 36	10 ^h LI 5	24 ^h II49	22 ^h R29	4 ^h LI30	0 ^h X56	5 ^h 36	16 ^h 35	16 ^h Y53	18 ^h Y 9	7 ^h LI24	n.a.		

Delta T = 17h26m29s Julian Calendar 1 Sept. 2519 BCE == Greg. Calendar 11 Aug. 2519 BCE
 The year -2518 astronomical counting style corresponds to year 2519 B.C.E historical counting style.

OCTOBER 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	23 13 18	17 ^h 35'00	23 ^h X44	22 ^h R22	11 ^h LI20	25 ^h II18	22 ^h R29	4 ^h LI35	0 ^h R53	5 ^h 37	16 ^h R35	16 ^h R49	18 ^h Y 6	7 ^h 31	n.a.		
M 2	23 17 14	18 ^h 35'51	5 ^h Y55	21 ^h 20	12 ^h 34	25 ^h 46	22 ^h 32	4 ^h 41	0 ^h X51	5 ^h 38	16 ^h 34	16 ^h Y47	18 ^h 3	7 ^h 38	n.a.		
T 3	23 21 11	19 ^h 36'45	17 ^h 55	19 ^h 42	13 ^h 49	26 ^h 15	22 ^h 29	4 ^h 47	0 ^h 49	5 ^h 39	16 ^h 34	16 ^h D47	18 ^h 0	7 ^h 44	n.a.		
W 4	23 25 7	20 ^h 37'40	29 ^h 48	18 ^h 20	15 ^h 3	26 ^h 43	22 ^h 28	4 ^h 52	0 ^h 46	5 ^h 39	16 ^h 33	16 ^h 47	17 ^h 57	7 ^h 51	n.a.		
T 5	23 29 4	21 ^h 38'36	11 ^h 337	17 ^h 2	16 ^h 18	27 ^h 11	22 ^h 27	4 ^h 58	0 ^h 44	5 ^h 40	16 ^h 33	16 ^h 49	17 ^h 53	7 ^h 57	n.a.		
F 6	23 33 0	22 ^h 39'34	23 ^h 24	15 ^h 50	17 ^h 33	27 ^h 39	22 ^h 26	5 ^h 4	0 ^h 42	5 ^h 41	16 ^h 32	16 ^h 51	17 ^h 50	8 ^h 4	n.a.		
S 7	23 36 57	23 ^h 40'34	5 ^h II15	14 ^h 45	18 ^h 47	28 ^h 7	22 ^h 25	5 ^h 10	0 ^h 40	5 ^h 42	16 ^h 31	16 ^h 52	17 ^h 47	8 ^h 11	n.a.		
S 8	23 40 53	24 ^h 41'35	17 ^h 14	13 ^h 50	20 ^h 2	28 ^h 34	22 ^h 23	5 ^h 16	0 ^h 37	5 ^h 43	16 ^h 30	16 ^h 54	17 ^h 44	8 ^h 17	n.a.		
M 9	23 44 50	25 ^h 42'37	29 ^h 26	13 ^h 5	21 ^h 16	29 ^h 1	22 ^h 22	5 ^h 22	0 ^h 35	5 ^h 43	16 ^h 30	16 ^h R54	17 ^h 41	8 ^h 24	n.a.		
T 10	23 48 47	26 ^h 43'42	11 ^h 3656	12 ^h 32	22 ^h 31	29 ^h 28	22 ^h 20	5 ^h 28	0 ^h 33	5 ^h 44	16 ^h 29	16 ^h 53	17 ^h 38	8 ^h 31	n.a.		
W11	23 52 43	27 ^h 44'47	24 ^h 48	12 ^h 11	23 ^h 45	29 ^h 55	22 ^h 18	5 ^h 34	0 ^h 31	5 ^h 45	16 ^h 28	16 ^h 51	17 ^h 34	8 ^h 37	n.a.		
T 12	23 56 40	28 ^h 45'54	8 ^h LI 5	12 ^h D 1	25 ^h 0	0 ^h 3222	22 ^h 16	5 ^h 40	0 ^h 29	5 ^h 45	16 ^h 27	16 ^h 49	17 ^h 31	8 ^h 44	n.a.		
F 13	0 0 36	29 ^h 47'02	21 ^h 48	12 ^h 2	26 ^h 14	0 ^h 48	22 ^h 13	5 ^h 46	0 ^h 27	5 ^h 46	16 ^h 27	16 ^h 46	17 ^h 28	8 ^h 51	n.a.		
S 14	0 4 33	0 ^h LI48'12	5 ^h 20	12 ^h 13	27 ^h 29	1 ^h 14	22 ^h 10	5 ^h 52	0 ^h 25	5 ^h 46	16 ^h 26	16 ^h 44	17 ^h 25	8 ^h 57	n.a.		
S 15	0 8 29	1 ^h 49'22	20 ^h 30	12 ^h 34	28 ^h 43	1 ^h 40	22 ^h 8	5 ^h 58	0 ^h 23	5 ^h 47	16 ^h 25	16 ^h 42	17 ^h 22	9 ^h 4	n.a.		
M16	0 12 26	2 ^h 50'34	5 ^h LI 19	13 ^h 3	29 ^h 58	2 ^h 5	22 ^h 5	6 ^h 5	0 ^h 21	5 ^h 47	16 ^h 24	16 ^h 41	17 ^h 19	9 ^h 11	n.a.		
T 17	0 16 22	3 ^h 51'46	20 ^h 16	13 ^h 40	1 ^h LI12	2 ^h 31	22 ^h 1	6 ^h 11	0 ^h 19	5 ^h 48	16 ^h 23	16 ^h D41	17 ^h 15	9 ^h 17	n.a.		
W18	0 20 19	4 ^h 52'59	5 ^h LI15	14 ^h 24	2 ^h 27	2 ^h 55	21 ^h 58	6 ^h 17	0 ^h 17	5 ^h 48	16 ^h 22	16 ^h 42	17 ^h 12	9 ^h 24	n.a.		
T 19	0 24 16	5 ^h 54'13	20 ^h 6	15 ^h 14	3 ^h 41	3 ^h 20	21 ^h 54	6 ^h 24	0 ^h 15	5 ^h 48	16 ^h 21	16 ^h 42	17 ^h 9	9 ^h 31			

SWISS EPHEMERIS for the year 2519 BCE

NOVEMBER 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
W 1	1 15 31	19 <u>♁</u> 10°54	8 <u>♂</u> 15	1 <u>♁</u> 10	19 <u>♁</u> 46	8 <u>♁</u> 14	20°R51	7 <u>♁</u> 50	29°R54	5°R50	16°R 8	16°R42	16 <u>♁</u> 28	10 <u>♂</u> 57	n.a.
T 2	1 19 27	20°12'13	20° 3	2°35	21° 0	8°34	20 <u>♂</u> 45	7°57	29 <u>♁</u> 52	5 <u>♁</u> 50	16 <u>♂</u> 7	16 <u>♁</u> 42	16°24	11° 4	n.a.
F 3	1 23 24	21°13'33	1 <u>♁</u> 52	4° 2	22°14	8°54	20°39	8° 4	29°51	5°50	16° 6	16°41	16°21	11°11	n.a.
S 4	1 27 20	22°14'53	13°44	5°28	23°28	9°13	20°33	8°11	29°50	5°50	16° 5	16°40	16°18	11°17	n.a.
S 5	1 31 17	23°16'14	25°44	6°56	24°42	9°32	20°27	8°18	29°48	5°49	16° 4	16°40	16°15	11°24	n.a.
M 6	1 35 14	24°17'35	7 <u>♁</u> 55	8°24	25°55	9°51	20°20	8°25	29°47	5°49	16° 2	16°39	16°12	11°31	n.a.
T 7	1 39 10	25°18'57	20°21	9°53	27° 9	10° 9	20°14	8°32	29°46	5°49	16° 1	16°D39	16° 9	11°37	n.a.
W 8	1 43 7	26°20'18	3 <u>♁</u> 6	11°22	28°23	10°27	20° 7	8°39	29°45	5°48	16° 0	16°39	16° 5	11°44	n.a.
T 9	1 47 3	27°21'40	16°14	12°52	29°37	10°44	20° 0	8°46	29°44	5°48	15°59	16°39	16° 2	11°50	n.a.
F 10	1 51 0	28°23'02	29°48	14°22	0 <u>♂</u> 51	11° 1	19°53	8°53	29°43	5°48	15°58	16°40	15°59	11°57	n.a.
S 11	1 54 56	29°24'25	13 <u>♁</u> 49	15°52	2° 4	11°18	19°46	9° 0	29°42	5°47	15°57	16°41	15°56	12° 4	n.a.
S 12	1 58 53	0 <u>♁</u> 25'47	28°17	17°23	3°18	11°34	19°39	9° 7	29°41	5°47	15°55	16°42	15°53	12°10	n.a.
M13	2 2 49	1°27'09	13 <u>♁</u> 8	18°54	4°32	11°50	19°31	9°14	29°40	5°46	15°54	16°R43	15°50	12°17	n.a.
T 14	2 6 46	2°28'32	28°15	20°25	5°45	12° 5	19°24	9°21	29°40	5°46	15°53	16°42	15°46	12°24	n.a.
W15	2 10 42	3°29'54	13 <u>♁</u> 29	21°57	6°59	12°19	19°16	9°28	29°39	5°45	15°52	16°41	15°43	12°30	n.a.
T 16	2 14 39	4°31'16	28°41	23°30	8°13	12°33	19° 9	9°35	29°38	5°45	15°50	16°39	15°40	12°37	n.a.
F 17	2 18 36	5°32'37	13 <u>♂</u> 40	25° 2	9°26	12°47	19° 1	9°42	29°38	5°44	15°49	16°37	15°37	12°44	n.a.
S 18	2 22 32	6°33'58	28°19	26°35	10°39	13° 0	18°53	9°49	29°37	5°43	15°48	16°34	15°34	12°50	n.a.
S 19	2 26 29	7°35'18	12 <u>♂</u> 33	28° 8	11°53	13°12	18°46	9°56	29°37	5°43	15°47	16°32	15°30	12°57	n.a.
M20	2 30 25	8°36'38	26°19	29°42	13° 6	13°24	18°38	10° 4	29°36	5°42	15°45	16°30	15°27	13° 4	n.a.
T 21	2 34 22	9°37'56	9 <u>♁</u> 39	1 <u>♁</u> 16	14°20	13°36	18°30	10°11	29°36	5°41	15°44	16°D30	15°24	13°10	n.a.
W22	2 38 18	10°39'14	22°34	2°51	15°33	13°47	18°22	10°18	29°35	5°41	15°43	16°30	15°21	13°17	n.a.
T 23	2 42 15	11°40'30	5 <u>♂</u> 9	4°26	16°46	13°57	18°14	10°25	29°35	5°40	15°41	16°32	15°18	13°24	n.a.
F 24	2 46 12	12°41'46	17°27	6° 1	17°59	14° 6	18° 6	10°32	29°35	5°39	15°40	16°33	15°15	13°30	n.a.
S 25	2 50 8	13°43'01	29°32	7°37	19°12	14°15	17°58	10°39	29°34	5°38	15°39	16°35	15°11	13°37	n.a.
S 26	2 54 5	14°44'15	11 <u>♁</u> 29	9°13	20°25	14°24	17°50	10°46	29°34	5°37	15°38	16°R36	15° 8	13°44	n.a.
M27	2 58 1	15°45'28	23°21	10°50	21°38	14°32	17°42	10°53	29°34	5°36	15°36	16°36	15° 5	13°50	n.a.
T 28	3 1 58	16°46'40	5 <u>♂</u> 9	12°27	22°51	14°39	17°34	11° 0	29°34	5°35	15°35	16°34	15° 2	13°57	n.a.
W29	3 5 54	17°47'52	16°58	14° 5	24° 4	14°46	17°26	11° 7	29°D34	5°34	15°34	16°31	14°59	14° 4	n.a.
T 30	3 9 51	18 <u>♁</u> 49'02	28 <u>♂</u> 48	15 <u>♁</u> 44	25 <u>♂</u> 17	14 <u>♁</u> 52	17 <u>♂</u> 18	11 <u>♁</u> 14	29 <u>♁</u> 34	5 <u>♁</u> 33	15 <u>♂</u> 33	16 <u>♁</u> 26	14 <u>♁</u> 56	14 <u>♂</u> 10	n.a.

Delta T = 17h26m24s Julian Calendar 1 Nov. 2519 BCE == Greg. Calendar 11 Oct. 2519 BCE
 The year -2518 astronomical counting style corresponds to year 2519 B.C.E historical counting style.

DECEMBER 2519 BCE (-2518) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
F 1	3 13 47	19 <u>♁</u> 50'12	10 <u>♁</u> 42	17 <u>♁</u> 22	26 <u>♂</u> 29	14 <u>♁</u> 57	17°R10	11 <u>♁</u> 21	29 <u>♁</u> 34	5°R32	15°R31	16°R20	14 <u>♁</u> 52	14 <u>♂</u> 17	n.a.
S 2	3 17 44	20°51'21	22°41	19° 2	27°42	15° 1	17 <u>♂</u> 1	11°29	29°34	5 <u>♁</u> 31	15 <u>♂</u> 30	16 <u>♁</u> 14	14°49	14°24	n.a.
S 3	3 21 41	21°52'29	4 <u>♁</u> 48	20°42	28°55	15° 5	16°53	11°36	29°35	5°30	15°29	16° 7	14°46	14°30	n.a.
M 4	3 25 37	22°53'36	17° 3	22°23	0 <u>♂</u> 7	15° 8	16°45	11°43	29°35	5°29	15°27	16° 1	14°43	14°37	n.a.
T 5	3 29 34	23°54'43	29°31	24° 4	1°20	15°11	16°37	11°50	29°35	5°28	15°26	15°57	14°40	14°44	n.a.
W 6	3 33 30	24°55'48	12 <u>♁</u> 14	25°46	2°32	15°13	16°29	11°57	29°36	5°27	15°25	15°54	14°36	14°50	n.a.
T 7	3 37 27	25°56'53	25°16	27°28	3°44	15°14	16°22	12° 4	29°36	5°26	15°24	15°D53	14°33	14°57	n.a.
F 8	3 41 23	26°57'57	8 <u>♁</u> 39	29°11	4°57	15°R14	16°14	12°11	29°36	5°24	15°22	15°54	14°30	15° 4	n.a.
S 9	3 45 20	27°58'59	22°26	0 <u>♂</u> 54	6° 9	15°14	16° 6	12°17	29°37	5°23	15°21	15°55	14°27	15°10	n.a.
S 10	3 49 16	29° 0'01	6 <u>♁</u> 38	2°39	7°21	15°12	15°58	12°24	29°37	5°22	15°20	15°56	14°24	15°17	n.a.
M11	3 53 13	0 <u>♂</u> 1'02	21°15	4°23	8°33	15°10	15°51	12°31	29°38	5°21	15°19	15°R57	14°21	15°24	n.a.
T 12	3 57 10	1° 2'02	6 <u>♁</u> 12	6° 9	9°45	15° 8	15°43	12°38	29°39	5°19	15°17	15°55	14°17	15°30	n.a.
W13	4 1 6	2° 3'00	21°22	7°54	10°57	15° 4	15°35	12°45	29°39	5°18	15°16	15°51	14°14	15°37	n.a.
T 14	4 5 3	3° 3'58	6 <u>♂</u> 37	9°41	12° 8	15° 0	15°28	12°52	29°40	5°17	15°15	15°45	14°11	15°44	n.a.
F 15	4 8 59	4° 4'54	21°44	11°27	13°20	14°55	15°21	12°59	29°41	5°15	15°14	15°38	14° 8	15°50	n.a.
S 16	4 12 56	5° 5'48	6 <u>♂</u> 36	13°14	14°31	14°49	15°13	13° 5	29°42	5°14	15°13	15°29	14° 5	15°57	n.a.
S 17	4 16 52	6° 6'41	21° 3	15° 1	15°43	14°42	15° 6	13°12	29°43	5°13	15°11	15°22	14° 2	16° 4	n.a.
M18	4 20 49	7° 7'32	5 <u>♁</u> 2	16°48	16°54	14°34	14°59	13°19	29°44	5°11	15°10	15°16	13°58	16°10	n.a.
T 19	4 24 45	8° 8'22	18°30	18°35	18° 6	14°26	14°52	13°26	29°45	5°10	15° 9	15°12	13°55	16°17	n.a.
W20	4 28 42	9° 9'09	1 <u>♂</u> 30	20°22	19°17	14°17	14°46	13°32	29°46	5° 8	15° 8	15°10	13°52	16°24	n.a.
T 21	4 32 39	10° 9'54	14° 6	22° 8	20°28	14° 7	14°39	13°39	29°47	5° 7	15° 7	15°D 9	13°49	16°30	n.a.
F 22	4 36 35	11°10'38	26°23	23°53	21°39	13°57	14°32	13°46	29°48	5° 5	15° 6	15°10	13°46	16°37	n.a.
S 23	4 40 32	12°11'19	8 <u>♁</u> 24	25°38	22°49	13°45	14°26	13°52	29°50	5° 4	15° 5	15°11	13°42	16°44	n.a.
S 24	4 44 28	13°11'59	20°17	27°21	24° 0	13°33	14°20	13°59	29°51	5° 2	15° 3	15°R11	13°39	16°50	n.a.
M25	4 48 25	14°12'37	2 <u>♂</u> 4	29° 2	25°11	13°20	14°14	14° 5	29°52	5° 1	15° 2	15° 9	13°36	16°57	n.a.
T 26	4 52 21	15°13'13	13°51	0 <u>♂</u> 41	26°21	13° 6	14° 7	14°12	29°54	4°59	15° 1	15° 5	13°33	17° 4	n.a.
W27	4 56 18	16°13'47	25°41	2°17	27°31	12°52	14° 2	14°18	29°55	4°58	15° 0	14°58	13°30	17°10	n.a.
T 28	5 0 14	17°14'19	7 <u>♁</u> 36	3°50	28°42	12°37	13°56	14°24	29°56	4°56	14°59	14°49	13°27	17°17	n.a.
F 29	5 4 11	18°14'49	19°38	5°19	29°52	12°21	13°50	14°31	29°58	4°55	14°58	14°38	13°23	17°24	n.a.
S 30	5 8 8	19°15'18	1 <u>♁</u> 48	6°43	1 <u>♁</u> 1	12° 5	13°45	14°37	0 <u>♂</u> 0	4°53	14°57	14°25	13°20	17°30	n.a.
S 31	5 12 4	20 <u>♂</u> 15'45	14 <u>♁</u> 6	8 <u>♂</u> 3	2 <u>♁</u> 11	11 <u>♁</u> 47	13 <u>♂</u> 40	14 <u>♁</u> 43	0 <u>♂</u> 1	4 <u>♁</u> 51	14 <u>♂</u> 56	14 <u>♁</u> 13	13 <u>♁</u> 17	17 <u>♂</u> 37	n.a.

Delta T = 17h26m22s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [6.2.2007]