

SWISS EPHEMERIS for the year 3103 BCE

JANUARY 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
F 1	4 59 46	17 ^h 30'36	5 ^h 28	3 ^h 20	3 ^h 52	4 ^h R33	8 ^h 55	19 ^h 33	4 ^h 59	6 ^h 38	3 ^h 41	18 ^h R47	18 ^h 56	28 ^h 59	n.a.
S 2	5 3 43	18 ^h 30'51	18 ^h 44	3 ^h R24	4 ^h 51	4 ^h II11	9° 9	19 ^h 41	5° 0	6 ^h 40	3 ^h 42	18 ^h 36	18 ^h 53	29° 5	n.a.
S 3	5 7 39	19 ^h 31'03	1 ^h 39	3 ^h 19	5 ^h 48	3 ^h 49	9 ^h 23	19 ^h 48	5° 2	6 ^h 42	3 ^h 43	18 ^h 27	18 ^h 50	29 ^h 12	n.a.
M 4	5 11 36	20 ^h 31'13	14 ^h 12	3° 4	6 ^h 45	3 ^h 28	9 ^h 37	19 ^h 56	5° 3	6 ^h 45	3 ^h 44	18 ^h 21	18 ^h 47	29 ^h 19	n.a.
T 5	5 15 32	21 ^h 31'20	26 ^h 27	2 ^h 39	7 ^h 42	3° 8	9 ^h 51	20 ^h 3	5° 5	6 ^h 47	3 ^h 46	18 ^h 17	18 ^h 44	29 ^h 25	n.a.
W 6	5 19 29	22 ^h 31'25	8 ^h 28	2° 7	8 ^h 38	2 ^h 47	10 ^h 5	20 ^h 10	5° 6	6 ^h 49	3 ^h 47	18 ^h 16	18 ^h 40	29 ^h 32	n.a.
T 7	5 23 26	23 ^h 31'28	20 ^h 19	1 ^h 26	9 ^h 34	2 ^h 28	10 ^h 19	20 ^h 18	5° 8	6 ^h 51	3 ^h 48	18 ^h 16	18 ^h 37	29 ^h 39	n.a.
F 8	5 27 22	24 ^h 31'28	2 ^h 7	0 ^h 39	10 ^h 28	2° 9	10 ^h 34	20 ^h 25	5° 9	6 ^h 53	3 ^h 49	18 ^h 16	18 ^h 34	29 ^h 45	n.a.
S 9	5 31 19	25 ^h 31'26	13 ^h 56	29 ^h 46	11 ^h 23	1 ^h 51	10 ^h 48	20 ^h 33	5 ^h 11	6 ^h 56	3 ^h 50	18 ^h 14	18 ^h 31	29 ^h 52	n.a.
S 10	5 35 15	26 ^h 31'22	25 ^h 53	28 ^h 49	12 ^h 16	1 ^h 33	11 ^h 2	20 ^h 40	5 ^h 13	6 ^h 58	3 ^h 51	18 ^h 11	18 ^h 28	29 ^h 59	n.a.
M 11	5 39 12	27 ^h 31'15	8 ^h 2	27 ^h 50	13° 9	1 ^h 16	11 ^h 16	20 ^h 48	5 ^h 14	7° 0	3 ^h 53	18° 6	18 ^h 25	0 ^h 7	n.a.
T 12	5 43 8	28 ^h 31'06	20 ^h 27	26 ^h 49	14° 1	1° 0	11 ^h 30	20 ^h 55	5 ^h 16	7° 2	3 ^h 54	17 ^h 57	18 ^h 21	0 ^h 12	n.a.
W 13	5 47 5	29 ^h 30'54	3 ^h II10	25 ^h 48	14 ^h 52	0 ^h 44	11 ^h 44	21 ^h 2	5 ^h 18	7° 4	3 ^h 55	17 ^h 46	18 ^h 18	0 ^h 18	n.a.
T 14	5 51 1	0 ^h 30'40	16 ^h 12	24 ^h 49	15 ^h 43	0 ^h 29	11 ^h 59	21 ^h 10	5 ^h 20	7° 6	3 ^h 56	17 ^h 34	18 ^h 15	0 ^h 25	n.a.
F 15	5 54 58	1 ^h 30'24	29 ^h 33	23 ^h 52	16 ^h 33	0 ^h 15	12 ^h 13	21 ^h 17	5 ^h 22	7° 9	3 ^h 57	17 ^h 21	18 ^h 12	0 ^h 32	n.a.
S 16	5 58 55	2 ^h 30'06	13 ^h 510	22 ^h 59	17 ^h 22	0° 2	12 ^h 27	21 ^h 25	5 ^h 24	7 ^h 11	3 ^h 59	17 ^h 10	18° 9	0 ^h 38	n.a.
S 17	6 2 51	3 ^h 29'46	27° 0	22 ^h 11	18 ^h 10	29 ^h 49	12 ^h 41	21 ^h 32	5 ^h 26	7 ^h 13	4° 0	17° 0	18° 5	0 ^h 45	n.a.
M 18	6 6 48	4 ^h 29'23	11 ^h Ω 0	21 ^h 28	18 ^h 57	29 ^h 37	12 ^h 56	21 ^h 39	5 ^h 28	7 ^h 15	4° 1	16 ^h 53	18° 2	0 ^h 52	n.a.
T 19	6 10 44	5 ^h 28'58	25° 5	20 ^h 50	19 ^h 43	29 ^h 26	13 ^h 10	21 ^h 47	5 ^h 30	7 ^h 17	4° 3	16 ^h 49	17 ^h 59	0 ^h 58	n.a.
W 20	6 14 41	6 ^h 28'31	9 ^h II12	20 ^h 19	20 ^h 29	29 ^h 16	13 ^h 24	21 ^h 54	5 ^h 32	7 ^h 19	4° 4	16 ^h 47	17 ^h 56	1° 5	n.a.
T 21	6 18 37	7 ^h 28'03	23 ^h 20	19 ^h 54	21 ^h 13	29° 6	13 ^h 39	22 ^h 1	5 ^h 34	7 ^h 21	4° 5	16 ^h D47	17 ^h 53	1 ^h 12	n.a.
F 22	6 22 34	8 ^h 27'32	7 ^h Ω28	19 ^h 35	21 ^h 56	28 ^h 57	13 ^h 53	22 ^h 8	5 ^h 36	7 ^h 23	4° 6	16 ^h R47	17 ^h 50	1 ^h 18	n.a.
S 23	6 26 30	9 ^h 26'59	21 ^h 33	19 ^h 23	22 ^h 38	28 ^h 49	14° 7	22 ^h 16	5 ^h 38	7 ^h 25	4° 8	16 ^h 47	17 ^h 46	1 ^h 25	n.a.
S 24	6 30 27	10 ^h 26'25	5 ^h III35	19 ^h 17	23 ^h 20	28 ^h 42	14 ^h 22	22 ^h 23	5 ^h 41	7 ^h 27	4° 9	16 ^h 44	17 ^h 43	1 ^h 32	n.a.
M 25	6 34 24	11 ^h 25'48	19 ^h 33	19 ^h D17	24° 0	28 ^h 36	14 ^h 36	22 ^h 30	5 ^h 43	7 ^h 29	4 ^h 10	16 ^h 39	17 ^h 40	1 ^h 38	n.a.
T 26	6 38 20	12 ^h 25'10	3 ^h IV25	19 ^h 22	24 ^h 38	28 ^h 30	14 ^h 50	22 ^h 37	5 ^h 45	7 ^h 31	4 ^h 12	16 ^h 32	17 ^h 37	1 ^h 45	n.a.
W 27	6 42 17	13 ^h 24'29	17° 8	19 ^h 34	25 ^h 16	28 ^h 25	15° 5	22 ^h 44	5 ^h 48	7 ^h 33	4 ^h 13	16 ^h 22	17 ^h 34	1 ^h 52	n.a.
T 28	6 46 13	14 ^h 23'46	0 ^h 39	19 ^h 50	25 ^h 52	28 ^h 21	15 ^h 19	22 ^h 52	5 ^h 50	7 ^h 35	4 ^h 15	16 ^h 11	17 ^h 30	1 ^h 58	n.a.
F 29	6 50 10	15 ^h 23'02	13 ^h 56	20 ^h 12	26 ^h 27	28 ^h 18	15 ^h 34	22 ^h 59	5 ^h 53	7 ^h 37	4 ^h 16	16° 1	17 ^h 27	2° 5	n.a.
S 30	6 54 6	16 ^h 22'14	26 ^h 57	20 ^h 38	27° 1	28 ^h 15	15 ^h 48	23° 6	5 ^h 55	7 ^h 39	4 ^h 17	15 ^h 51	17 ^h 24	2 ^h 12	n.a.
S 31	6 58 3	17 ^h 21'25	9 ^h Ω40	21 ^h 7	27 ^h 33	28 ^h 14	16 ^h 3 2	23 ^h 13	5 ^h 58	7 ^h 41	4 ^h 19	15 ^h 43	17 ^h 21	2 ^h 18	n.a.

Delta T = 22h34m16s Julian Calendar 1 Jan. 3103 BCE == Greg. Calendar 6 Dec. 3104 BCE

The year -3102 astronomical counting style corresponds to year 3103 B.C.E historical counting style.

FEBRUARY 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
M 1	7 1 59	18 ^h 20'33	22 ^h 6	21 ^h 44	28 ^h 3	28 ^h R13	16 ^h 317	23 ^h 20	6 ^h 0	7 ^h 42	4 ^h 20	15 ^h R38	17 ^h 18	2 ^h 25	n.a.
T 2	7 5 56	19 ^h 19'39	4 ^h 17	22 ^h 23	28 ^h 32	28 ^h D13	16 ^h 31	23 ^h 27	6° 3	7 ^h 44	4 ^h 21	15 ^h 35	17 ^h 15	2 ^h 31	n.a.
W 3	7 9 53	20 ^h 18'42	16 ^h 17	23° 6	29° 0	28 ^h 13	16 ^h 45	23 ^h 34	6° 5	7 ^h 46	4 ^h 23	15 ^h D35	17 ^h 11	2 ^h 38	n.a.
T 4	7 13 49	21 ^h 17'42	28° 8	23 ^h 53	29 ^h 25	28 ^h 14	17° 0	23 ^h 41	6° 8	7 ^h 48	4 ^h 24	15 ^h 35	17° 8	2 ^h 45	n.a.
F 5	7 17 46	22 ^h 16'41	9 ^h Y56	24 ^h 43	29 ^h 49	28 ^h 16	17 ^h 14	23 ^h 48	6 ^h 11	7 ^h 50	4 ^h 26	15 ^h 36	17° 5	2 ^h 51	n.a.
S 6	7 21 42	23 ^h 15'36	21 ^h 46	25 ^h 36	0 ^h 11	28 ^h 19	17 ^h 28	23 ^h 54	6 ^h 13	7 ^h 51	4 ^h 27	15 ^h R37	17° 2	2 ^h 58	n.a.
S 7	7 25 39	24 ^h 14'30	3 ^h 844	26 ^h 32	0 ^h 32	28 ^h 23	17 ^h 43	24° 1	6 ^h 16	7 ^h 53	4 ^h 29	15 ^h 36	16 ^h 59	3° 5	n.a.
M 8	7 29 35	25 ^h 13'20	15 ^h 54	27 ^h 31	0 ^h 50	28 ^h 27	17 ^h 57	24° 8	6 ^h 19	7 ^h 55	4 ^h 30	15 ^h 34	16 ^h 56	3 ^h 11	n.a.
T 9	7 33 32	26 ^h 12'09	28 ^h 21	28 ^h 33	1° 6	28 ^h 32	18 ^h 11	24 ^h 15	6 ^h 22	7 ^h 56	4 ^h 31	15 ^h 30	16 ^h 52	3 ^h 18	n.a.
W 10	7 37 28	27 ^h 10'55	11 ^h II 8	29 ^h 37	1 ^h 21	28 ^h 37	18 ^h 26	24 ^h 21	6 ^h 25	7 ^h 58	4 ^h 33	15 ^h 24	16 ^h 49	3 ^h 25	n.a.
T 11	7 41 25	28° 9'38	24 ^h 19	0 ^h 34	1 ^h 33	28 ^h 43	18 ^h 40	24 ^h 28	6 ^h 27	8° 0	4 ^h 34	15 ^h 16	16 ^h 46	3 ^h 31	n.a.
F 12	7 45 22	29° 8'19	7 ^h 52	1 ^h 53	1 ^h 43	28 ^h 50	18 ^h 54	24 ^h 35	6 ^h 30	8° 1	4 ^h 36	15° 9	16 ^h 43	3 ^h 38	n.a.
S 13	7 49 18	0 ^h 6'58	21 ^h 47	3° 4	1 ^h 51	28 ^h 58	19° 8	24 ^h 41	6 ^h 33	8° 3	4 ^h 37	15° 1	16 ^h 40	3 ^h 45	n.a.
S 14	7 53 15	1° 5'35	5 ^h Ω59	4 ^h 18	1 ^h 56	29° 6	19 ^h 23	24 ^h 48	6 ^h 36	8° 4	4 ^h 39	14 ^h 55	16 ^h 36	3 ^h 51	n.a.
M 15	7 57 11	2° 4'09	20 ^h 25	5 ^h 34	1 ^h 59	29 ^h 15	19 ^h 37	24 ^h 54	6 ^h 39	8° 6	4 ^h 40	14 ^h 51	16 ^h 33	3 ^h 58	n.a.
T 16	8 1 8	3° 2'42	4 ^h II56	6 ^h 52	2 ^h R 0	29 ^h 24	19 ^h 51	25° 1	6 ^h 42	8° 7	4 ^h 42	14 ^h 49	16 ^h 30	4° 5	n.a.
W 17	8 5 4	4° 1'12	19 ^h 29	8 ^h 11	1 ^h 58	29 ^h 34	20° 5	25° 7	6 ^h 45	8° 9	4 ^h 43	14 ^h D48	16 ^h 27	4 ^h 11	n.a.
T 18	8 9 1	4 ^h 59'41	3 ^h Ω57	9 ^h 33	1 ^h 54	29 ^h 44	20 ^h 19	25 ^h 13	6 ^h 48	8 ^h 10	4 ^h 44	14 ^h 49	16 ^h 24	4 ^h 18	n.a.
F 19	8 12 57	5 ^h 58'07	18 ^h 17	10 ^h 57	1 ^h 47	29 ^h 55	20 ^h 33	25 ^h 20	6 ^h 51	8 ^h 12	4 ^h 46	14 ^h 51	16 ^h 21	4 ^h 25	n.a.
S 20	8 16 54	6 ^h 56'32	2 ^h II27	12 ^h 22	1 ^h 38	0 ^h II 7	20 ^h 47	25 ^h 26	6 ^h 55	8 ^h 13	4 ^h 47	14 ^h R52	16 ^h 17	4 ^h 31	n.a.
S 21	8 20 51	7 ^h 54'55	16 ^h 26	13 ^h 49	1 ^h 27	0 ^h 19	21° 1	25 ^{h</}							

SWISS EPHEMERIS for the year 3103 BCE

MARCH 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	8 52 23	15 ^h 40'56	0 ^h 25	26 ^h 31	28 ^h R30	2 ^h 15	22 ^h 53	26 ^h 20	7 ^h 23	8 ^h 25	5 ^h 0	14 ^h R20	15 ^h 49	5 ^h 31	n.a.								
T 2	8 56 20	16 ^h 39'02	12 ^h 29	28 ^h 14	27 ^h 59	2 ^h 32	23 ^h 6	26 ^h 25	7 ^h 27	8 ^h 26	5 ^h 2	14 ^h D19	15 ^h 46	5 ^h 38	n.a.								
W 3	9 0 16	17 ^h 37'06	24 ^h 24	29 ^h 59	27 ^h 26	2 ^h 49	23 ^h 20	26 ^h 31	7 ^h 30	8 ^h 27	5 ^h 3	14 ^h R20	15 ^h 42	5 ^h 44	n.a.								
T 4	9 4 13	18 ^h 35'09	6 ^h 13	1 ^h 45	26 ^h 52	3 ^h 6	23 ^h 34	26 ^h 37	7 ^h 33	8 ^h 28	5 ^h 5	14 ^h 21	15 ^h 39	5 ^h 51	n.a.								
F 5	9 8 9	19 ^h 33'09	18 ^h 1	3 ^h 33	26 ^h 16	3 ^h 24	23 ^h 47	26 ^h 42	7 ^h 37	8 ^h 29	5 ^h 6	14 ^h 23	15 ^h 36	5 ^h 58	n.a.								
S 6	9 12 6	20 ^h 31'07	29 ^h 52	5 ^h 23	25 ^h 40	3 ^h 43	24 ^h 1	26 ^h 47	7 ^h 40	8 ^h 30	5 ^h 7	14 ^h 24	15 ^h 33	6 ^h 4	n.a.								
S 7	9 16 2	21 ^h 29'03	11 ^h 49	7 ^h 15	25 ^h 2	4 ^h 2	24 ^h 14	26 ^h 53	7 ^h 43	8 ^h 31	5 ^h 9	14 ^h 25	15 ^h 30	6 ^h 11	n.a.								
M 8	9 19 59	22 ^h 26'57	23 ^h 58	9 ^h 8	24 ^h 24	4 ^h 21	24 ^h 28	26 ^h 58	7 ^h 47	8 ^h 32	5 ^h 10	14 ^h R26	15 ^h 27	6 ^h 18	n.a.								
T 9	9 23 55	23 ^h 24'49	6 ^h 23	11 ^h 3	23 ^h 46	4 ^h 41	24 ^h 41	27 ^h 3	7 ^h 50	8 ^h 33	5 ^h 12	14 ^h 25	15 ^h 23	6 ^h 24	n.a.								
W10	9 27 52	24 ^h 22'39	19 ^h 9	13 ^h 0	23 ^h 8	5 ^h 1	24 ^h 55	27 ^h 9	7 ^h 53	8 ^h 34	5 ^h 13	14 ^h 24	15 ^h 20	6 ^h 31	n.a.								
T 11	9 31 49	25 ^h 20'28	2 ^h 20	14 ^h 59	22 ^h 30	5 ^h 21	25 ^h 8	27 ^h 14	7 ^h 57	8 ^h 34	5 ^h 14	14 ^h 22	15 ^h 17	6 ^h 38	n.a.								
F 12	9 35 45	26 ^h 18'14	15 ^h 55	16 ^h 59	21 ^h 52	5 ^h 42	25 ^h 21	27 ^h 19	8 ^h 0	8 ^h 35	5 ^h 16	14 ^h 19	15 ^h 14	6 ^h 44	n.a.								
S 13	9 39 42	27 ^h 15'58	29 ^h 57	19 ^h 1	21 ^h 15	6 ^h 3	25 ^h 35	27 ^h 24	8 ^h 4	8 ^h 36	5 ^h 17	14 ^h 17	15 ^h 11	6 ^h 51	n.a.								
S 14	9 43 38	28 ^h 13'41	14 ^h 21	21 ^h 4	20 ^h 39	6 ^h 25	25 ^h 48	27 ^h 28	8 ^h 7	8 ^h 37	5 ^h 18	14 ^h 15	15 ^h 8	6 ^h 58	n.a.								
M15	9 47 35	29 ^h 11'21	29 ^h 3	23 ^h 9	20 ^h 4	6 ^h 46	26 ^h 1	27 ^h 33	8 ^h 11	8 ^h 37	5 ^h 20	14 ^h 14	15 ^h 4	7 ^h 4	n.a.								
T 16	9 51 31	0 ^h 9'01	13 ^h 56	25 ^h 15	19 ^h 30	7 ^h 9	26 ^h 14	27 ^h 38	8 ^h 14	8 ^h 38	5 ^h 21	14 ^h D13	15 ^h 1	7 ^h 11	n.a.								
W17	9 55 28	1 ^h 6'38	28 ^h 52	27 ^h 22	18 ^h 58	7 ^h 31	26 ^h 27	27 ^h 43	8 ^h 17	8 ^h 39	5 ^h 22	14 ^h 14	14 ^h 58	7 ^h 18	n.a.								
T 18	9 59 24	2 ^h 4'14	13 ^h 44	29 ^h 30	18 ^h 28	7 ^h 54	26 ^h 40	27 ^h 47	8 ^h 21	8 ^h 39	5 ^h 24	14 ^h 14	14 ^h 55	7 ^h 24	n.a.								
F 19	10 3 21	3 ^h 1'49	28 ^h 25	1 ^h 40	17 ^h 59	8 ^h 17	26 ^h 53	27 ^h 52	8 ^h 24	8 ^h 40	5 ^h 25	14 ^h 15	14 ^h 52	7 ^h 31	n.a.								
S 20	10 7 17	3 ^h 59'23	12 ^h 50	3 ^h 50	17 ^h 33	8 ^h 41	27 ^h 6	27 ^h 56	8 ^h 28	8 ^h 41	5 ^h 26	14 ^h 16	14 ^h 48	7 ^h 38	n.a.								
S 21	10 11 14	4 ^h 56'56	26 ^h 55	6 ^h 0	17 ^h 9	9 ^h 4	27 ^h 19	28 ^h 1	8 ^h 31	8 ^h 41	5 ^h 28	14 ^h 17	14 ^h 45	7 ^h 44	n.a.								
M22	10 15 11	5 ^h 54'27	10 ^h 40	8 ^h 10	16 ^h 46	9 ^h 29	27 ^h 31	28 ^h 5	8 ^h 35	8 ^h 42	5 ^h 29	14 ^h R17	14 ^h 42	7 ^h 51	n.a.								
T 23	10 19 7	6 ^h 51'57	24 ^h 5	10 ^h 21	16 ^h 27	9 ^h 53	27 ^h 44	28 ^h 9	8 ^h 38	8 ^h 42	5 ^h 30	14 ^h 16	14 ^h 39	7 ^h 58	n.a.								
W24	10 23 4	7 ^h 49'27	7 ^h 32	12 ^h 31	16 ^h 9	10 ^h 18	27 ^h 57	28 ^h 13	8 ^h 42	8 ^h 43	5 ^h 31	14 ^h 16	14 ^h 36	8 ^h 4	n.a.								
T 25	10 27 0	8 ^h 46'55	20 ^h 1	14 ^h 41	15 ^h 54	10 ^h 43	28 ^h 9	28 ^h 17	8 ^h 45	8 ^h 43	5 ^h 33	14 ^h 15	14 ^h 33	8 ^h 11	n.a.								
F 26	10 30 57	9 ^h 44'22	2 ^h 35	16 ^h 49	15 ^h 42	11 ^h 8	28 ^h 22	28 ^h 21	8 ^h 49	8 ^h 43	5 ^h 34	14 ^h 15	14 ^h 29	8 ^h 18	n.a.								
S 27	10 34 53	10 ^h 41'48	14 ^h 57	18 ^h 57	15 ^h 31	11 ^h 33	28 ^h 34	28 ^h 25	8 ^h 52	8 ^h 44	5 ^h 35	14 ^h 14	14 ^h 26	8 ^h 24	n.a.								
S 28	10 38 50	11 ^h 39'13	27 ^h 8	21 ^h 3	15 ^h 24	11 ^h 59	28 ^h 46	28 ^h 29	8 ^h 56	8 ^h 44	5 ^h 36	14 ^h 14	14 ^h 23	8 ^h 31	n.a.								
M29	10 42 46	12 ^h 36'36	9 ^h 10	23 ^h 7	15 ^h 18	12 ^h 25	28 ^h 58	28 ^h 33	8 ^h 59	8 ^h 44	5 ^h 38	14 ^h D14	14 ^h 20	8 ^h 38	n.a.								
T 30	10 46 43	13 ^h 33'58	21 ^h 5	25 ^h 9	15 ^h 15	12 ^h 52	29 ^h 11	28 ^h 36	9 ^h 3	8 ^h 44	5 ^h 39	14 ^h 14	14 ^h 17	8 ^h 44	n.a.								
W31	10 50 40	14 ^h 31'20	2 ^h 55	27 ^h 10	15 ^h D15	13 ^h 18	29 ^h 23	28 ^h 40	9 ^h 6	8 ^h 45	5 ^h 40	14 ^h R14	14 ^h 13	8 ^h 51	n.a.								

Delta T = 22h34m10s Julian Calendar 1 March 3103 BCE == Greg. Calendar 3 Feb. 3103 BCE
 The year -3102 astronomical counting style corresponds to year 3103 B.C.E historical counting style.

APRIL 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	10 54 36	15 ^h 28'39	14 ^h 43	29 ^h 8	15 ^h 16	13 ^h 45	29 ^h 35	28 ^h 43	9 ^h 10	8 ^h 45	5 ^h 41	14 ^h R14	14 ^h 10	8 ^h 57	n.a.								
F 2	10 58 33	16 ^h 25'58	26 ^h 32	1 ^h 4	15 ^h 20	14 ^h 12	29 ^h 47	28 ^h 47	9 ^h 13	8 ^h 45	5 ^h 42	14 ^h R13	14 ^h 7	9 ^h 4	n.a.								
S 3	11 2 29	17 ^h 23'15	8 ^h 23	2 ^h 57	15 ^h 26	14 ^h 40	29 ^h 59	28 ^h 50	9 ^h 16	8 ^h 45	5 ^h 43	14 ^h 13	14 ^h 4	9 ^h 11	n.a.								
S 4	11 6 26	18 ^h 20'32	20 ^h 22	4 ^h 48	15 ^h 35	15 ^h 7	0 ^h 10	28 ^h 53	9 ^h 20	8 ^h 45	5 ^h 45	14 ^h 13	14 ^h 1	9 ^h 17	n.a.								
M 5	11 10 22	19 ^h 17'47	2 ^h 31	6 ^h 36	15 ^h 45	15 ^h 35	0 ^h 22	28 ^h 56	9 ^h 23	8 ^h 45	5 ^h 46	14 ^h 12	13 ^h 58	9 ^h 24	n.a.								
T 6	11 14 19	20 ^h 15'00	14 ^h 55	8 ^h 21	15 ^h 58	16 ^h 3	0 ^h 34	28 ^h 59	9 ^h 27	8 ^h R45	5 ^h 47	14 ^h D12	13 ^h 54	9 ^h 31	n.a.								
W 7	11 18 15	21 ^h 12'13	27 ^h 38	10 ^h 3	16 ^h 12	16 ^h 31	0 ^h 45	29 ^h 2	9 ^h 30	8 ^h 45	5 ^h 48	14 ^h 12	13 ^h 51	9 ^h 37	n.a.								
T 8	11 22 12	22 ^h 9'24	10 ^h 34	11 ^h 43	16 ^h 29	17 ^h 0	0 ^h 57	29 ^h 5	9 ^h 34	8 ^h 45	5 ^h 49	14 ^h 12	13 ^h 48	9 ^h 44	n.a.								
F 9	11 26 9	23 ^h 6'35	24 ^h 13	13 ^h 20	16 ^h 47	17 ^h 29	1 ^h 8	29 ^h 8	9 ^h 37	8 ^h 45	5 ^h 50	14 ^h 13	13 ^h 45	9 ^h 51	n.a.								
S 10	11 30 5	24 ^h 3'44	8 ^h 10	14 ^h 54	17 ^h 7	17 ^h 58	1 ^h 19	29 ^h 10	9 ^h 40	8 ^h 45	5 ^h 51	14 ^h 14	13 ^h 42	9 ^h 57	n.a.								
S 11	11 34 2	25 ^h 0'52	22 ^h 33	16 ^h 25	17 ^h 29	18 ^h 27	1 ^h 30	29 ^h 13	9 ^h 44	8 ^h 45	5 ^h 52	14 ^h 15	13 ^h 39	10 ^h 4	n.a.								
M12	11 37 58	25 ^h 57'59	7 ^h 19	17 ^h 53	17 ^h 53	18 ^h 56	1 ^h 41	29 ^h 15	9 ^h 47	8 ^h 45	5 ^h 53	14 ^h R15	13 ^h 35	10 ^h 11	n.a.								
T 13	11 41 55	26 ^h 55'05	22 ^h 21	19 ^h 18	18 ^h 18	19 ^h 26	1 ^h 52	29 ^h 18	9 ^h 51	8 ^h 44	5 ^h 54	14 ^h 15	13 ^h 32	10 ^h 17	n.a.								
W14	11 45 51	27 ^h 52'10	7 ^h 31	20 ^h 41	18 ^h 45	19 ^h 55	2 ^h 3	29 ^h 20	9 ^h 54	8 ^h 44	5 ^h 55	14 ^h 14	13 ^h 29	10 ^h 24	n.a.								
T 15	11 49 48	28 ^h 49'15	22 ^h 41	22 ^h 0	19 ^h 13	20 ^h 25	2 ^h 14	29 ^h 22	9 ^h 57	8 ^h 44	5 ^h 56	14 ^h 13	13 ^h 26	10 ^h 31	n.a.								
F 16	11 53 44	29 ^h 46'19	7 ^h 14	23 ^h 16	19 ^h 43	20 ^h 55	2 ^h 25	29 ^h 24	10 ^h 1	8 ^h 44	5 ^h 57	14 ^h 11	13 ^h 23	10 ^h 37	n.a.								
S 17	11 57 41	0 ^h 43'23	22 ^h 21	24 ^h 29	20 ^h 15	21 ^h 26	2 ^h 35	29 ^h 26	10 ^h 4	8 ^h 43	5 ^h 58	14 ^h 9	13 ^h 19	10 ^h 44	n.a.								
S 18	12 1 38	1 ^h 40'27	6 ^h 39	25 ^h 38	20 ^h 47	21 ^h 56	2 ^h 46	29 ^h 28	10 ^h 7	8 ^h 43	5 ^h 59	14 ^h 8	13 ^h 16	10 ^h 51	n.a.								
M19	12 5 34	2 ^h 37'30	20 ^h 32																				

SWISS EPHEMERIS for the year 3103 BCE

MAY 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
S 1	12 52 53	14°Y 1'56	17°B 21	5°B 21	29°R 36	28°II 49	4°S 22	29°A 43	10°K 48	8°R 35	6°S 9	13°R 55	12°M 35	12°Y 17	n.a.	
S 2	12 56 49	14°58'57	29°24	5°37	0°K 23	29°21	5° 1	29°44	10°51	8°A 35	6° 9	13°M 50	12°32	12°24	n.a.	
M 3	13 0 46	15°55'58	11°II 38	5°49	1°11	29°55	5°10	29°44	10°54	8°34	6°10	13°46	12°29	12°31	n.a.	
T 4	13 4 42	16°52'59	24° 4	5°57	2° 0	0°B 28	5°19	29°45	10°57	8°33	6°11	13°42	12°25	12°37	n.a.	
W 5	13 8 39	17°49'59	6°B 46	5°R 59	2°49	1° 1	5°27	29°45	11° 0	8°32	6°11	13°40	12°22	12°44	n.a.	
T 6	13 12 35	18°46'59	19°47	5°58	3°39	1°35	5°36	29°R 45	11° 3	8°31	6°12	13°D 40	12°19	12°51	n.a.	
F 7	13 16 32	19°43'59	3°O 10	5°51	4°30	2° 8	5°44	29°45	11° 6	8°30	6°12	13°40	12°16	12°57	n.a.	
S 8	13 20 29	20°40'59	16°58	5°40	5°21	2°42	5°52	29°45	11° 9	8°29	6°13	13°42	12°13	13° 4	n.a.	
S 9	13 24 25	21°37'58	1°M 10	5°25	6°13	3°16	6° 0	29°44	11°12	8°28	6°13	13°43	12°10	13°11	n.a.	
M10	13 28 22	22°34'58	15°47	5° 6	7° 6	3°50	6° 8	29°44	11°15	8°27	6°14	13°R 44	12° 6	13°17	n.a.	
T 11	13 32 18	23°31'57	0°B 43	4°42	7°59	4°24	6°16	29°44	11°17	8°26	6°14	13°43	12° 3	13°24	n.a.	
W12	13 36 15	24°28'57	15°53	4°15	8°53	4°58	6°23	29°43	11°20	8°25	6°15	13°40	12° 0	13°31	n.a.	
T 13	13 40 11	25°25'56	1°M 7	3°45	9°47	5°33	6°31	29°43	11°23	8°24	6°15	13°35	11°57	13°37	n.a.	
F 14	13 44 8	26°22'57	16°15	3°12	10°42	6° 7	6°38	29°42	11°26	8°23	6°16	13°29	11°54	13°44	n.a.	
S 15	13 48 4	27°19'57	1°A 6	2°37	11°37	6°42	6°45	29°41	11°28	8°22	6°16	13°23	11°50	13°51	n.a.	
S 16	13 52 1	28°16'59	15°35	2° 0	12°33	7°17	6°52	29°40	11°31	8°21	6°16	13°17	11°47	13°57	n.a.	
M17	13 55 58	29°14'01	29°35	1°22	13°29	7°52	6°59	29°39	11°34	8°20	6°17	13°12	11°44	14° 4	n.a.	
T 18	13 59 54	0°B 11'04	13°B 7	0°44	14°25	8°27	7° 6	29°38	11°36	8°19	6°17	13° 9	11°41	14°11	n.a.	
W19	14 3 51	1° 8'08	26°11	0° 6	15°23	9° 2	7°12	29°37	11°39	8°17	6°17	13°D 7	11°38	14°17	n.a.	
T 20	14 7 47	2° 5'12	8°S 50	29°Y 28	16°20	9°37	7°19	29°35	11°41	8°16	6°18	13° 7	11°35	14°24	n.a.	
F 21	14 11 44	3° 2'17	21°10	28°53	17°18	10°13	7°25	29°34	11°44	8°15	6°18	13° 8	11°31	14°31	n.a.	
S 22	14 15 40	3°59'23	3°K 15	28°19	18°17	10°49	7°31	29°33	11°46	8°14	6°18	13°10	11°28	14°37	n.a.	
S 23	14 19 37	4°56'30	15°10	27°48	19°15	11°24	7°37	29°31	11°48	8°12	6°18	13°R 10	11°25	14°44	n.a.	
M24	14 23 33	5°53'38	26°59	27°21	20°14	12° 0	7°42	29°29	11°51	8°11	6°19	13° 9	11°22	14°51	n.a.	
T 25	14 27 30	6°50'47	8°Y 46	26°57	21°14	12°36	7°48	29°27	11°53	8°10	6°19	13° 6	11°19	14°57	n.a.	
W26	14 31 26	7°47'56	20°34	26°38	22°14	13°12	7°54	29°26	11°55	8° 8	6°19	13° 0	11°15	15° 4	n.a.	
T 27	14 35 23	8°45'07	2°B 27	26°23	23°14	13°48	7°59	29°24	11°58	8° 7	6°19	12°52	11°12	15°11	n.a.	
F 28	14 39 20	9°42'18	14°25	26°14	24°15	14°25	8° 4	29°21	12° 0	8° 6	6°19	12°43	11° 9	15°17	n.a.	
S 29	14 43 16	10°39'30	26°31	26°D 9	25°15	15° 1	8° 9	29°19	12° 2	8° 4	6°19	12°32	11° 6	15°24	n.a.	
S 30	14 47 13	11°36'44	8°II 45	26°11	26°17	15°38	8°14	29°17	12° 4	8° 3	6°19	12°22	11° 3	15°31	n.a.	
M31	14 51 9	12°B 33'57	21°II 9	26°Y 18	27°K 18	16°B 14	8°18	29°A 15	12°K 6	8°A 1	6°19	12°M 12	11°M 0	15°Y 37	n.a.	

Delta T = 22h34m05s Julian Calendar 1 May 3103 BCE == Greg. Calendar 5 Apr. 3103 BCE
 The year -3102 astronomical counting style corresponds to year 3103 B.C.E historical counting style.

JUNE 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
T 1	14 55 6	13°B 31'12	3°B 44	26°Y 31	28°K 20	16°B 51	8°S 23	29°R 12	12°K 8	8°R 0	6°R 19	12°R 4	10°M 56	15°Y 44	n.a.	
W 2	14 59 2	14°28'27	16°32	26°50	29°22	17°28	8°27	29°A 10	12°10	7°A 58	6°R 19	11°M 58	10°53	15°51	n.a.	
T 3	15 2 59	15°25'44	29°35	27°14	0°Y 24	18° 5	8°31	29° 7	12°12	7°57	6°19	11°55	10°50	15°57	n.a.	
F 4	15 6 55	16°23'01	12°O 55	27°45	1°27	18°42	8°35	29° 4	12°14	7°56	6°19	11°D 54	10°47	16° 4	n.a.	
S 5	15 10 52	17°20'18	26°35	28°22	2°30	19°19	8°38	29° 2	12°16	7°54	6°19	11°54	10°44	16°11	n.a.	
S 6	15 14 49	18°17'37	10°M 35	29° 5	3°33	19°57	8°42	28°59	12°18	7°53	6°19	11°R 54	10°41	16°17	n.a.	
M 7	15 18 45	19°14'56	20°37	29°53	4°36	20°34	8°45	28°56	12°20	7°51	6°19	11°54	10°37	16°24	n.a.	
T 8	15 22 42	20°12'16	9°B 38	0°B 47	5°40	21°12	8°48	28°53	12°22	7°49	6°19	11°51	10°34	16°31	n.a.	
W 9	15 26 38	21° 9'37	24°33	1°48	6°44	21°49	8°51	28°50	12°23	7°48	6°19	11°46	10°31	16°37	n.a.	
T 10	15 30 35	22° 7'00	9°M 36	2°53	7°48	22°27	8°54	28°47	12°25	7°46	6°18	11°39	10°28	16°44	n.a.	
F 11	15 34 31	23° 4'23	24°37	4° 4	8°52	23° 5	8°57	28°43	12°27	7°45	6°18	11°29	10°25	16°51	n.a.	
S 12	15 38 28	24° 1'48	9°A 26	5°21	9°57	23°43	8°59	28°40	12°28	7°43	6°18	11°19	10°21	16°57	n.a.	
S 13	15 42 24	24°59'15	23°56	6°42	11° 1	24°21	9° 1	28°37	12°30	7°42	6°18	11° 9	10°18	17° 4	n.a.	
M14	15 46 21	25°56'42	7°B 59	8° 9	12° 6	24°59	9° 3	28°33	12°31	7°40	6°18	11° 0	10°15	17°11	n.a.	
T 15	15 50 18	26°54'12	21°35	9°40	13°12	25°37	9° 5	28°30	12°33	7°38	6°17	10°54	10°12	17°17	n.a.	
W16	15 54 14	27°51'43	4°S 42	11°16	14°17	26°16	9° 7	28°26	12°34	7°37	6°17	10°49	10° 9	17°24	n.a.	
T 17	15 58 11	28°49'16	17°24	12°55	15°23	26°54	9° 8	28°22	12°36	7°35	6°17	10°48	10° 6	17°31	n.a.	
F 18	16 2 7	29°46'50	29°44	14°39	16°29	27°32	9°10	28°19	12°37	7°34	6°16	10°D 47	10° 2	17°37	n.a.	
S 19	16 6 4	0°II 44'26	11°K 49	16°25	17°35	28°11	9°11	28°15	12°38	7°32	6°16	10°R 47	9°59	17°44	n.a.	
S 20	16 10 0	1°42'04	23°43	18°15	18°41	28°50	9°12	28°11	12°39	7°30	6°15	10°47	9°56	17°51	n.a.	
M21	16 13 57	2°39'44	5°Y 32	20° 8	19°47	29°29	9°12	28° 7	12°41	7°29	6°15	10°45	9°53	17°58	n.a.	
T 22	16 17 53	3°37'25	17°20	22° 3	20°54	0°O 8	9°13	28° 3	12°42	7°27	6°15	10°40	9°50	18° 4	n.a.	
W23	16 21 50	4°35'09	29°11	24° 0	22° 1	0°47	9°13	27°59	12°43	7°25	6°14	10°33	9°47	18°11	n.a.	
T 24	16 25 47	5°32'54	11°B 9	25°58	23° 8	1°26	9°R 13	27°55	12°44	7°24	6°14	10°23	9°43	18°18	n.a.	
F 25	16 29 43	6°30'41	23°17	27°57	24°15	2° 5	9°13	27°51	12°45	7°22	6°13	10°11	9°40	18°24	n.a.	
S 26	16 33 40	7°28'29	5°II 34	29°58	25°22	2°44	9°13	27°47	12°46	7°21	6°13	9°57	9°37	18°31	n.a.	
S 27	16 37 36	8°26'20	18° 3	1°II 58	26°29	3°24	9°12	27°43	12°47	7°19	6°12	9°44	9°34	18°38	n.a.	
M28	16 41 33	9°24'12	0°B 43	3°59	27°37	4° 3	9°11	27°38	12°48	7°17	6°12	9°31	9°31	18°44	n.a.	
T 29	16 45 29	10°22'06	13°35	6° 0	28°45	4°43	9°10	27°34	12°48	7°16	6°11	9°21	9°27	18°51	n.a.	
W30	16 49 26	11°II 20'01	26°B 37	8°II 1	29°Y 53	5°O 23	9°S 9	27°A 30	12°K 49	7°A 14	6°11	9°M 13	9°M 24	18°Y 58	n.a.	

Delta T = 22h34m02s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [6.2.2007]

SWISS EPHEMERIS for the year 3103 BCE

JULY 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	16 53 22	12II17'58	9Ω52	10II 1	18 1	6Ω 3	9°R 8	27°R25	12K50	7°R12	6°R10	9°R 9	9°R21	19°V 4	n.a.
F 2	16 57 19	13°15'56	23°18	12° 0	2° 9	6°42	9° 6	27°R21	12°50	7°R11	6° 9	9°R 6	9°18	19°11	n.a.
S 3	17 1 16	14°13'56	6°R58	13°59	3°17	7°22	9° 5	27°16	12°51	7° 9	6° 9	9° 6	9°15	19°18	n.a.
S 4	17 5 12	15°11'58	20°53	15°57	4°26	8° 3	9° 3	27°12	12°52	7° 8	6° 8	9° 6	9°12	19°24	n.a.
M 5	17 9 9	16°10'01	5Ω 2	17°54	5°35	8°43	9° 1	27° 7	12°52	7° 6	6° 7	9° 5	9° 8	19°31	n.a.
T 6	17 13 5	17° 8'06	19°25	19°49	6°43	9°23	8°58	27° 3	12°52	7° 4	6° 7	9° 2	9° 5	19°38	n.a.
W 7	17 17 2	18° 6'12	3III59	21°44	7°52	10° 3	8°56	26°58	12°53	7° 3	6° 6	8°57	9° 2	19°44	n.a.
T 8	17 20 58	19° 4'20	18°40	23°38	9° 1	10°44	8°53	26°54	12°53	7° 1	6° 5	8°49	8°59	19°51	n.a.
F 9	17 24 55	20° 2'30	3R20	25°30	10°11	11°24	8°50	26°49	12°53	7° 0	6° 4	8°39	8°56	19°58	n.a.
S 10	17 28 51	21° 0'42	17°52	27°21	11°20	12° 5	8°47	26°45	12°54	6°58	6° 4	8°28	8°52	20° 4	n.a.
S 11	17 32 48	21°58'56	23 9	29°11	12°29	12°45	8°44	26°40	12°54	6°56	6° 3	8°17	8°49	20°11	n.a.
M12	17 36 45	22°57'12	16° 5	13° 0	13°39	13°26	8°41	26°35	12°54	6°55	6° 2	8° 7	8°46	20°18	n.a.
T13	17 40 41	23°55'30	29°37	2°48	14°49	14° 7	8°37	26°31	12°54	6°53	6° 1	7°59	8°43	20°24	n.a.
W14	17 44 38	24°53'50	12R44	4°34	15°59	14°48	8°33	26°26	12°R54	6°52	6° 0	7°54	8°40	20°31	n.a.
T15	17 48 34	25°52'13	25°26	6°19	17° 9	15°29	8°29	26°21	12°54	6°50	6° 0	7°52	8°37	20°38	n.a.
F16	17 52 31	26°50'38	7K48	8° 3	18°19	16°10	8°25	26°17	12°54	6°49	5°59	7°D51	8°33	20°45	n.a.
S17	17 56 27	27°49'05	19°55	9°46	19°29	16°51	8°21	26°12	12°54	6°47	5°58	7°52	8°30	20°51	n.a.
S18	18 0 24	28°47'34	1°V50	11°28	20°39	17°33	8°16	26° 7	12°54	6°46	5°57	7°R52	8°27	20°58	n.a.
M19	18 4 20	29°46'06	13°40	13° 8	21°50	18°14	8°11	26° 3	12°54	6°44	5°56	7°51	8°24	21° 5	n.a.
T20	18 8 17	0Ω44'41	25°30	14°48	23° 0	18°55	8° 7	25°58	12°53	6°43	5°55	7°48	8°21	21°11	n.a.
W21	18 12 14	1°43'17	7R25	16°26	24°11	19°37	8° 1	25°54	12°53	6°41	5°54	7°42	8°18	21°18	n.a.
T22	18 16 10	2°41'56	19°28	18° 4	25°22	20°19	7°56	25°49	12°53	6°40	5°53	7°35	8°14	21°25	n.a.
F23	18 20 7	3°40'38	1II43	19°40	26°33	21° 0	7°51	25°44	12°52	6°38	5°52	7°25	8°11	21°31	n.a.
S24	18 24 3	4°39'22	14°13	21°15	27°44	21°42	7°45	25°40	12°52	6°37	5°51	7°14	8° 8	21°38	n.a.
S25	18 28 0	5°38'08	26°57	22°49	28°55	22°24	7°40	25°35	12°51	6°36	5°50	7° 2	8° 5	21°45	n.a.
M26	18 31 56	6°36'56	9Ω56	24°22	0II 6	23° 6	7°34	25°31	12°51	6°34	5°49	6°52	8° 2	21°51	n.a.
T27	18 35 53	7°35'47	23° 9	25°55	1°18	23°48	7°28	25°26	12°50	6°33	5°48	6°43	7°58	21°58	n.a.
W28	18 39 50	8°34'39	6Ω34	27°26	2°29	24°30	7°22	25°22	12°49	6°32	5°47	6°37	7°55	22° 5	n.a.
T29	18 43 46	9°33'34	20° 9	28°56	3°41	25°12	7°15	25°17	12°49	6°30	5°46	6°34	7°52	22°11	n.a.
F30	18 47 43	10°32'31	3III53	0Ω24	4°52	25°55	7° 9	25°13	12°48	6°29	5°45	6°D32	7°49	22°18	n.a.
S31	18 51 39	11Ω31'30	17°R45	1Ω52	6II 4	26Ω37	7R 3	25R 8	12K47	6R28	5R44	6°R33	7°R46	22°V25	n.a.

Delta T = 22h33m59s Julian Calendar 1 July 3103 BCE == Greg. Calendar 5 June 3103 BCE
 The year -3102 astronomical counting style corresponds to year 3103 B.C.E historical counting style.

AUGUST 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	18 55 36	12Ω30'30	1Ω45	3Ω19	7II16	27Ω19	6°R56	25°R 4	12°R46	6°R26	5°R43	6°R34	7°R43	22°V31	n.a.
M 2	18 59 32	13°29'33	15°51	4°45	8°28	28° 2	6R49	25R 0	12K45	6R25	5R42	6°R34	7°39	22°38	n.a.
T 3	19 3 29	14°28'37	0III 2	6° 9	9°40	28°44	6°42	24°56	12°44	6°24	5°41	6°33	7°36	22°45	n.a.
W 4	19 7 25	15°27'44	14°17	7°33	10°52	29°27	6°35	24°51	12°43	6°23	5°40	6°30	7°33	22°52	n.a.
T 5	19 11 22	16°26'52	28°33	8°55	12° 4	0°R10	6°28	24°47	12°42	6°22	5°39	6°24	7°30	22°58	n.a.
F 6	19 15 19	17°26'03	12R46	10°16	13°17	0°53	6°21	24°43	12°41	6°20	5°38	6°17	7°27	23° 5	n.a.
S 7	19 19 15	18°25'16	26°52	11°36	14°29	1°35	6°13	24°39	12°40	6°19	5°37	6°10	7°24	23°12	n.a.
S 8	19 23 12	19°24'31	10R45	12°55	15°42	2°18	6° 6	24°35	12°39	6°18	5°36	6° 2	7°20	23°18	n.a.
M 9	19 27 8	20°23'48	24°22	14°12	16°54	3° 1	5°59	24°31	12°38	6°17	5°34	5°55	7°17	23°25	n.a.
T10	19 31 5	21°23'07	7R41	15°27	18° 7	3°45	5°51	24°27	12°36	6°16	5°33	5°50	7°14	23°32	n.a.
W11	19 35 1	22°22'29	20°39	16°42	19°20	4°28	5°43	24°23	12°35	6°15	5°32	5°46	7°11	23°38	n.a.
T12	19 38 58	23°21'53	3K17	17°54	20°32	5°11	5°36	24°20	12°34	6°14	5°31	5°D45	7° 8	23°45	n.a.
F13	19 42 54	24°21'19	15°38	19° 5	21°45	5°54	5°28	24°16	12°32	6°13	5°30	5°46	7° 4	23°52	n.a.
S14	19 46 51	25°20'48	27°44	20°14	22°58	6°38	5°20	24°12	12°31	6°12	5°29	5°47	7° 1	23°58	n.a.
S15	19 50 48	26°20'19	9°V41	21°21	24°11	7°21	5°12	24° 9	12°29	6°11	5°28	5°49	6°58	24° 5	n.a.
M16	19 54 44	27°19'53	21°32	22°26	25°25	8° 5	5° 4	24° 5	12°28	6°10	5°26	5°50	6°55	24°12	n.a.
T17	19 58 41	28°19'29	3R23	23°29	26°38	8°48	4°56	24° 2	12°26	6°10	5°25	5°R50	6°52	24°18	n.a.
W18	20 2 37	29°19'08	15°18	24°29	27°51	9°32	4°48	23°58	12°25	6° 9	5°24	5°48	6°49	24°25	n.a.
T19	20 6 34	0Ω18'50	27°24	25°26	29° 5	10°16	4°40	23°55	12°23	6° 8	5°23	5°45	6°45	24°32	n.a.
F20	20 10 30	1°18'33	9II43	26°20	0Ω18	10°59	4°32	23°52	12°21	6° 7	5°22	5°41	6°42	24°39	n.a.
S21	20 14 27	2°18'20	2°19	27°12	1°32	11°43	4°24	23°49	12°20	6° 6	5°21	5°36	6°39	24°45	n.a.
S22	20 18 23	3°18'09	5Ω13	27°59	2°45	12°27	4°16	23°46	12°18	6° 6	5°19	5°30	6°36	24°52	n.a.
M23	20 22 20	4°18'00	18°28	28°42	3°59	13°11	4° 8	23°43	12°16	6° 5	5°18	5°25	6°33	24°59	n.a.
T24	20 26 17	5°17'53	2Ω 1	29°21	5°13	13°55	3°59	23°40	12°14	6° 4	5°17	5°20	6°30	25° 5	n.a.
W25	20 30 13	6°17'49	15°50	29°56	6°27	14°40	3°51	23°37	12°12	6° 4	5°16	5°18	6°26	25°12	n.a.
T26	20 34 10	7°17'46	29°52	0°R25	7°41	15°24	3°43	23°34	12°10	6° 3	5°15	5°D16	6°23	25°19	n.a.
F27	20 38 6	8°17'46	14°R 3	0°48	8°55	16° 8	3°35	23°32	12° 8	6° 3	5°13	5°17	6°20	25°25	n.a.
S28	20 42 3	9°17'47	28°19	1° 5	10° 9	16°52	3°27	23°29	12° 7	6° 2	5°12	5°18	6°17	25°32	n.a.
S29	20 45 59	10°17'51	12Ω36	1°15	11°23	17°37	3°19	23°27	12° 4	6° 2	5°11	5°19	6°14	25°39	n.a.
M30	20 49 56	11°17'56	26°52	1°R17	12°37	18°21	3°11	23°24	12° 2	6° 1	5°10	5°20	6°10	25°45	n.a.
T31	20 53 52	12Ω18'03	11III 3	1°R11	13Ω51	19°R 6	3R 3	23R22	12K 0	6R 1	5R 9	5°R21	6°R 7	25°V52	n.a.

Delta T = 22h33m56s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [6.2.2007]

SWISS EPHEMERIS for the year 3103 BCE

SEPTEMBER 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
W 1	20 57 49	13♂18'11	25♏9	0°R57	15♁5	19♏50	2°R55	23°R20	11°R58	6°R 0	5°R 8	5°R21	6♏4	25♏59	n.a.
T 2	21 1 46	14°18'22	9♏7	0♏34	16°20	20°35	2♁47	23♏18	11♏56	6♏0	5♁6	5♏19	6°1	26°6	n.a.
F 3	21 5 42	15°18'35	22°56	0°2	17°34	21°20	2°40	23°16	11°54	6°0	5°5	5°17	5°58	26°12	n.a.
S 4	21 9 39	16°18'49	6♁34	29♏21	18°48	22°5	2°32	23°14	11°52	5°59	5°4	5°14	5°55	26°19	n.a.
S 5	21 13 35	17°19'05	19°59	28°30	20°3	22°49	2°24	23°12	11°50	5°59	5°3	5°11	5°51	26°26	n.a.
M 6	21 17 32	18°19'23	3♁11	27°32	21°17	23°34	2°17	23°11	11°47	5°59	5°2	5°9	5°48	26°32	n.a.
T 7	21 21 28	19°19'42	16°9	26°26	22°32	24°19	2°10	23°9	11°45	5°59	5°1	5°7	5°45	26°39	n.a.
W 8	21 25 25	20°20'04	28°51	25°13	23°46	25°4	2°2	23°8	11°43	5°58	5°0	5°7	5°42	26°46	n.a.
T 9	21 29 21	21°20'27	11♏19	23°57	25°1	25°49	1°55	23°6	11°41	5°58	4°58	5°D 7	5°39	26°52	n.a.
F 10	21 33 18	22°20'53	23°34	22°39	26°16	26°34	1°48	23°5	11°38	5°58	4°57	5°7	5°36	26°59	n.a.
S 11	21 37 15	23°21'20	5♏38	21°21	27°31	27°20	1°41	23°4	11°36	5°58	4°56	5°8	5°32	27°6	n.a.
S 12	21 41 11	24°21'50	17°33	20°6	28°45	28°5	1°34	23°3	11°34	5°58	4°55	5°9	5°29	27°12	n.a.
M13	21 45 8	25°22'22	29°24	18°56	0♏0	28°50	1°27	23°2	11°31	5°D58	4°54	5°10	5°26	27°19	n.a.
T 14	21 49 4	26°22'55	11♏15	17°54	1°15	29°36	1°20	23°1	11°29	5°58	4°53	5°11	5°23	27°26	n.a.
W15	21 53 1	27°23'31	23°10	17°1	2°30	0♁21	1°14	23°0	11°26	5°58	4°52	5°R12	5°20	27°33	n.a.
T 16	21 56 57	28°24'09	5♏13	16°18	3°45	1°6	1°7	23°0	11°24	5°58	4°51	5°12	5°16	27°39	n.a.
F 17	22 0 54	29°24'49	17°30	15°47	5°0	1°52	1°1	22°59	11°21	5°58	4°50	5°11	5°13	27°46	n.a.
S 18	22 4 50	0♏25'31	0♁5	15°27	6°15	2°37	0°55	22°59	11°19	5°59	4°49	5°11	5°10	27°53	n.a.
S 19	22 8 47	1°26'15	13°2	15°D19	7°30	3°23	0°49	22°58	11°17	5°59	4°48	5°10	5°7	27°59	n.a.
M20	22 12 43	2°27'00	26°21	15°23	8°45	4°9	0°43	22°58	11°14	5°59	4°47	5°10	5°4	28°6	n.a.
T 21	22 16 40	3°27'48	10♏5	15°37	10°1	4°54	0°38	22°D58	11°12	5°59	4°46	5°10	5°1	28°13	n.a.
W22	22 20 37	4°28'37	24°11	16°1	11°16	5°40	0°32	22°58	11°9	6°0	4°45	5°9	4°57	28°19	n.a.
T 23	22 24 33	5°29'28	8♏36	16°34	12°31	6°26	0°27	22°58	11°7	6°0	4°44	5°9	4°54	28°26	n.a.
F 24	22 28 30	6°30'20	23°15	17°16	13°46	7°12	0°22	22°59	11°4	6°0	4°43	5°9	4°51	28°33	n.a.
S 25	22 32 26	7°31'13	8♁0	18°4	15°2	7°58	0°17	22°59	11°2	6°1	4°42	5°9	4°48	28°39	n.a.
S 26	22 36 23	8°32'08	22°44	18°59	16°17	8°44	0°12	22°59	10°59	6°1	4°41	5°9	4°45	28°46	n.a.
M27	22 40 19	9°33'04	7♏22	20°0	17°32	9°30	0°7	23°0	10°57	6°2	4°40	5°9	4°41	28°53	n.a.
T 28	22 44 16	10°34'02	21°48	21°6	18°48	10°16	0°3	23°1	10°54	6°2	4°39	5°8	4°38	29°0	n.a.
W29	22 48 12	11°35'00	5♏57	22°16	20°3	11°2	29♁58	23°1	10°52	6°3	4°38	5°D 8	4°35	29°6	n.a.
T 30	22 52 9	12♏36'00	19♏50	23♏29	21♏18	11♁48	29♁54	23♏2	10♏49	6♏3	4♁37	5♏8	4♏32	29♏13	n.a.

Delta T = 22h33m53s Julian Calendar 1 Sept. 3103 BCE == Greg. Calendar 6 Aug. 3103 BCE
 The year -3102 astronomical counting style corresponds to year 3103 B.C.E historical counting style.

OCTOBER 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
F 1	22 56 6	13♏37'00	3♁25	24♏46	22♏34	12♁34	29°R50	23♏3	10°R47	6♏4	4°R36	5♏8	4♏29	29♏20	n.a.
S 2	23 0 2	14°38'02	16°43	26°5	23°49	13°21	29♁47	23°4	10♏44	6°5	4♁35	5°9	4°26	29°26	n.a.
S 3	23 3 59	15°39'04	29°46	27°27	25°5	14°7	29°43	23°6	10°41	6°5	4°34	5°10	4°22	29°33	n.a.
M 4	23 7 55	16°40'08	12♁34	28°50	26°20	14°53	29°40	23°7	10°39	6°6	4°34	5°11	4°19	29°40	n.a.
T 5	23 11 52	17°41'12	25°9	0♏15	27°36	15°39	29°37	23°8	10°36	6°7	4°33	5°12	4°16	29°46	n.a.
W 6	23 15 48	18°42'18	7♏34	1°42	28°51	16°26	29°34	23°10	10°34	6°8	4°32	5°R12	4°13	29°53	n.a.
T 7	23 19 45	19°43'24	19°48	3°9	0♏7	17°12	29°31	23°12	10°32	6°8	4°31	5°11	4°10	0♁0	n.a.
F 8	23 23 41	20°44'31	1♏54	4°38	1°22	17°59	29°28	23°13	10°29	6°9	4°30	5°10	4°7	0°7	n.a.
S 9	23 27 38	21°45'40	13°52	6°7	2°38	18°45	29°26	23°15	10°27	6°10	4°30	5°8	4°3	0°13	n.a.
S 10	23 31 35	22°46'50	25°46	7°37	3°53	19°32	29°24	23°17	10°24	6°11	4°29	5°5	4°0	0°20	n.a.
M11	23 35 31	23°48'00	7♏37	9°8	5°9	20°18	29°22	23°19	10°22	6°12	4°28	5°2	3°57	0°27	n.a.
T 12	23 39 28	24°49'12	19°37	10°39	6°24	21°5	29°20	23°21	10°19	6°13	4°28	4°59	3°54	0°33	n.a.
W13	23 43 24	25°50'25	1♏21	12°10	7°40	21°51	29°19	23°24	10°17	6°14	4°27	4°56	3°51	0°40	n.a.
T 14	23 47 21	26°51'39	13°23	13°42	8°56	22°38	29°17	23°26	10°14	6°15	4°26	4°54	3°47	0°47	n.a.
F 15	23 51 17	27°52'54	25°35	15°14	10°11	23°25	29°16	23°28	10°12	6°16	4°26	4°D54	3°44	0°53	n.a.
S 16	23 55 14	28°54'11	8♁5	16°46	11°27	24°12	29°15	23°31	10°10	6°17	4°25	4°54	3°41	1°0	n.a.
S 17	23 59 10	29°55'28	20°54	18°19	12°42	24°58	29°15	23°34	10°7	6°18	4°24	4°55	3°38	1°7	n.a.
M18	0 3 7	0♁56'46	4♏8	19°51	13°58	25°45	29°14	23°36	10°5	6°19	4°24	4°57	3°35	1°14	n.a.
T 19	0 7 3	1°58'05	17°49	21°24	15°14	26°32	29°14	23°39	10°3	6°21	4°23	4°58	3°32	1°20	n.a.
W20	0 11 0	2°59'25	1♏58	22°57	16°29	27°19	29°D14	23°42	10°1	6°22	4°23	4°R59	3°28	1°27	n.a.
T 21	0 14 57	4°0'45	16°32	24°30	17°45	28°6	29°14	23°45	9°58	6°23	4°22	4°59	3°25	1°34	n.a.
F 22	0 18 53	5°2'06	1♁26	26°3	19°1	28°53	29°14	23°49	9°56	6°24	4°22	4°57	3°22	1°40	n.a.
S 23	0 22 50	6°3'28	16°34	27°36	20°16	29°40	29°15	23°52	9°54	6°26	4°21	4°53	3°19	1°47	n.a.
S 24	0 26 46	7°4'49	1♏44	29°10	21°32	0♏26	29°16	23°55	9°52	6°27	4°21	4°49	3°16	1°54	n.a.
M25	0 30 43	8°6'12	16°47	0♁43	22°47	1°13	29°17	23°59	9°50	6°28	4°20	4°43	3°12	2°0	n.a.
T 26	0 34 39	9°7'34	1♏35	2°17	24°3	2°0	29°18	24°2	9°47	6°30	4°20	4°39	3°9	2°7	n.a.
W27	0 38 36	10°8'56	16°0	3°50	25°19	2°47	29°19	24°6	9°45	6°31	4°19	4°35	3°6	2°14	n.a.
T 28	0 42 32	11°10'19	0♁1	5°24	26°34	3°35	29°21	24°10	9°43	6°33	4°19	4°33	3°3	2°21	n.a.
F 29	0 46 29	12°11'41	13°36	6°58	27°50	4°22	29°23	24°14	9°41	6°34	4°19	4°D32	3°0	2°27	n.a.
S 30	0 50 26	13°13'03	26°47	8°33	29°5	5°9	29°25	24°17	9°39	6°36	4°18	4°33	2°57	2°34	n.a.
S 31	0 54 22	14♁14'25	9♁37	10♁7	0♁21	5♏56	29♁27	24♏21	9♏37	6♏37	4♁18	4♏34	2♏53	2♏41	n.a.

Delta T = 22h33m51s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [6.2.2007]

SWISS EPHEMERIS for the year 3103 BCE

NOVEMBER 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	0 58 19	15 ^h 15'47"	22 ^h 22'10"	11 ^h 42'	1 ^h 37'	6 ^h 43'	29 ^h 29'	24 ^h 26'	9 ^h 35'	6 ^h 39'	4 ^h 18'	4 ^h 36'	2 ^h 50'	2 ^h 47'	n.a.		
T 2	1 2 15	16 ^h 17'08"	4 ^h 30'	13 ^h 17'	2 ^h 52'	7 ^h 30'	29 ^h 32'	24 ^h 30'	9 ^h 34'	6 ^h 40'	4 ^h 18'	4 ^h 37'	2 ^h 47'	2 ^h 54'	n.a.		
W 3	1 6 12	17 ^h 18'30"	16 ^h 39'	14 ^h 52'	4 ^h 8'	8 ^h 17'	29 ^h 35'	24 ^h 34'	9 ^h 32'	6 ^h 42'	4 ^h 17'	4 ^h 36'	2 ^h 44'	3 ^h 1'	n.a.		
T 4	1 10 8	18 ^h 19'51"	28 ^h 41'	16 ^h 27'	5 ^h 23'	9 ^h 4'	29 ^h 38'	24 ^h 38'	9 ^h 30'	6 ^h 44'	4 ^h 17'	4 ^h 33'	2 ^h 41'	3 ^h 8'	n.a.		
F 5	1 14 5	19 ^h 21'12"	10 ^h 38'	18 ^h 3'	6 ^h 39'	9 ^h 52'	29 ^h 41'	24 ^h 43'	9 ^h 28'	6 ^h 45'	4 ^h 17'	4 ^h 28'	2 ^h 38'	3 ^h 14'	n.a.		
S 6	1 18 1	20 ^h 22'33"	22 ^h 31'	19 ^h 39'	7 ^h 54'	10 ^h 39'	29 ^h 44'	24 ^h 47'	9 ^h 26'	6 ^h 47'	4 ^h 17'	4 ^h 20'	2 ^h 34'	3 ^h 21'	n.a.		
S 7	1 21 58	21 ^h 23'53"	4 ^h 23'	21 ^h 15'	9 ^h 10'	11 ^h 26'	29 ^h 48'	24 ^h 52'	9 ^h 25'	6 ^h 49'	4 ^h 17'	4 ^h 11'	2 ^h 31'	3 ^h 28'	n.a.		
M 8	1 25 55	22 ^h 25'14"	16 ^h 14'	22 ^h 51'	10 ^h 25'	12 ^h 13'	29 ^h 52'	24 ^h 57'	9 ^h 23'	6 ^h 50'	4 ^h 16'	4 ^h 1'	2 ^h 28'	3 ^h 34'	n.a.		
T 9	1 29 51	23 ^h 26'34"	28 ^h 7'	24 ^h 28'	11 ^h 41'	13 ^h 0'	29 ^h 56'	25 ^h 1'	9 ^h 21'	6 ^h 52'	4 ^h 16'	3 ^h 51'	2 ^h 25'	3 ^h 41'	n.a.		
W10	1 33 48	24 ^h 27'54"	10 ^h 11'4"	26 ^h 6'	12 ^h 56'	13 ^h 48'	0 ^h 0'	25 ^h 6'	9 ^h 20'	6 ^h 54'	4 ^h 16'	3 ^h 42'	2 ^h 22'	3 ^h 48'	n.a.		
T 11	1 37 44	25 ^h 29'15"	22 ^h 7'	27 ^h 43'	14 ^h 12'	14 ^h 35'	0 ^h 4'	25 ^h 11'	9 ^h 18'	6 ^h 56'	4 ^h 16'	3 ^h 35'	2 ^h 18'	3 ^h 54'	n.a.		
F 12	1 41 41	26 ^h 30'35"	4 ^h 29'	29 ^h 21'	15 ^h 27'	15 ^h 22'	0 ^h 9'	25 ^h 16'	9 ^h 17'	6 ^h 58'	4 ^h 16'	3 ^h 30'	2 ^h 15'	4 ^h 1'	n.a.		
S 13	1 45 37	27 ^h 31'55"	16 ^h 44'	0 ^h 59'	16 ^h 43'	16 ^h 9'	0 ^h 13'	25 ^h 21'	9 ^h 15'	6 ^h 59'	4 ^h D16	3 ^h 27'	2 ^h 12'	4 ^h 8'	n.a.		
S 14	1 49 34	28 ^h 33'14"	29 ^h 27'	2 ^h 38'	17 ^h 58'	16 ^h 57'	0 ^h 18'	25 ^h 27'	9 ^h 14'	7 ^h 1'	4 ^h 16'	3 ^h D27	2 ^h 9'	4 ^h 15'	n.a.		
M15	1 53 30	29 ^h 34'34"	12 ^h 32'	4 ^h 17'	19 ^h 14'	17 ^h 44'	0 ^h 23'	25 ^h 32'	9 ^h 13'	7 ^h 3'	4 ^h 16'	3 ^h 27'	2 ^h 6'	4 ^h 21'	n.a.		
T 16	1 57 27	0 ^h 35'53"	26 ^h 2'	5 ^h 56'	20 ^h 29'	18 ^h 31'	0 ^h 29'	25 ^h 37'	9 ^h 11'	7 ^h 5'	4 ^h 16'	3 ^h 28'	2 ^h 3'	4 ^h 28'	n.a.		
W17	2 1 24	1 ^h 37'12"	9 ^h 59'	7 ^h 36'	21 ^h 45'	19 ^h 18'	0 ^h 34'	25 ^h 43'	9 ^h 10'	7 ^h 7'	4 ^h 16'	3 ^h R28	1 ^h 59'	4 ^h 35'	n.a.		
T 18	2 5 20	2 ^h 38'30"	24 ^h 26'	9 ^h 16'	23 ^h 0'	20 ^h 6'	0 ^h 40'	25 ^h 48'	9 ^h 9'	7 ^h 9'	4 ^h 16'	3 ^h 26'	1 ^h 56'	4 ^h 41'	n.a.		
F 19	2 9 17	3 ^h 39'48"	9 ^h 17'	10 ^h 57'	24 ^h 16'	20 ^h 53'	0 ^h 45'	25 ^h 54'	9 ^h 7'	7 ^h 11'	4 ^h 17'	3 ^h 22'	1 ^h 53'	4 ^h 48'	n.a.		
S 20	2 13 13	4 ^h 41'05"	24 ^h 28'	12 ^h 38'	25 ^h 31'	21 ^h 40'	0 ^h 51'	25 ^h 59'	9 ^h 6'	7 ^h 13'	4 ^h 17'	3 ^h 15'	1 ^h 50'	4 ^h 55'	n.a.		
S 21	2 17 10	5 ^h 42'22"	9 ^h 49'	14 ^h 19'	26 ^h 46'	22 ^h 28'	0 ^h 58'	26 ^h 5'	9 ^h 5'	7 ^h 15'	4 ^h 17'	3 ^h 6'	1 ^h 47'	5 ^h 2'	n.a.		
M22	2 21 6	6 ^h 43'38"	25 ^h 8'	16 ^h 0'	28 ^h 2'	23 ^h 15'	1 ^h 4'	26 ^h 11'	9 ^h 4'	7 ^h 17'	4 ^h 17'	2 ^h 56'	1 ^h 43'	5 ^h 8'	n.a.		
T 23	2 25 3	7 ^h 44'53"	10 ^h 13'	17 ^h 41'	29 ^h 17'	24 ^h 2'	1 ^h 10'	26 ^h 16'	9 ^h 3'	7 ^h 19'	4 ^h 17'	2 ^h 46'	1 ^h 40'	5 ^h 15'	n.a.		
W24	2 28 59	8 ^h 46'07"	24 ^h 56'	19 ^h 22'	0 ^h 32'	24 ^h 50'	1 ^h 17'	26 ^h 22'	9 ^h 2'	7 ^h 21'	4 ^h 18'	2 ^h 37'	1 ^h 37'	5 ^h 22'	n.a.		
T 25	2 32 56	9 ^h 47'20"	9 ^h 31'	21 ^h 4'	1 ^h 48'	25 ^h 37'	1 ^h 24'	26 ^h 28'	9 ^h 1'	7 ^h 23'	4 ^h 18'	2 ^h 31'	1 ^h 34'	5 ^h 28'	n.a.		
F 26	2 36 52	10 ^h 48'32"	22 ^h 55'	22 ^h 45'	3 ^h 3'	26 ^h 24'	1 ^h 31'	26 ^h 34'	9 ^h 1'	7 ^h 25'	4 ^h 18'	2 ^h 27'	1 ^h 31'	5 ^h 35'	n.a.		
S 27	2 40 49	11 ^h 49'42"	6 ^h 10'	24 ^h 25'	4 ^h 18'	27 ^h 11'	1 ^h 38'	26 ^h 40'	9 ^h 0'	7 ^h 27'	4 ^h 19'	2 ^h 26'	1 ^h 28'	5 ^h 42'	n.a.		
S 28	2 44 46	12 ^h 50'51"	1 ^h 0'	26 ^h 6'	5 ^h 34'	27 ^h 59'	1 ^h 45'	26 ^h 46'	8 ^h 59'	7 ^h 29'	4 ^h 19'	2 ^h D26	1 ^h 24'	5 ^h 49'	n.a.		
M29	2 48 42	13 ^h 51'59"	1 ^h X29'	27 ^h 45'	6 ^h 49'	28 ^h 46'	1 ^h 53'	26 ^h 52'	8 ^h 58'	7 ^h 31'	4 ^h 19'	2 ^h R26	1 ^h 21'	5 ^h 55'	n.a.		
T 30	2 52 39	14 ^h 53'05"	13 ^h X42'	29 ^h M24	8 ^h M 4	29 ^h M33	2 ^h 0'	26 ^h X59	8 ^h X58	7 ^h X34	4 ^h 20'	2 ^h M26	1 ^h M18	6 ^h X 2	n.a.		

Delta T = 22h33m48s Julian Calendar 1 Nov. 3103 BCE == Greg. Calendar 6 Oct. 3103 BCE
 The year -3102 astronomical counting style corresponds to year 3103 B.C.E historical counting style.

DECEMBER 3103 BCE (-3102) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	2 56 35	15 ^h M54'10"	25 ^h X44'	1 ^h X 1'	9 ^h M19	0 ^h X21'	2 ^h 8'	27 ^h X 5'	8 ^h R57	7 ^h X36'	4 ^h 20'	2 ^h R23	1 ^h M15	6 ^h X 9'	n.a.		
T 2	3 0 32	16 ^h 55'14"	7 ^h Y39'	2 ^h 37'	10 ^h 35'	1 ^h 8'	2 ^h 16'	27 ^h 11'	8 ^h X57	7 ^h 38'	4 ^h 20'	2 ^h M18	1 ^h 12'	6 ^h 15'	n.a.		
F 3	3 4 28	17 ^h 56'16"	19 ^h 30'	4 ^h 10'	11 ^h 50'	1 ^h 55'	2 ^h 24'	27 ^h 18'	8 ^h 56'	7 ^h 40'	4 ^h 21'	2 ^h 10'	1 ^h 9'	6 ^h 22'	n.a.		
S 4	3 8 25	18 ^h 57'17"	1 ^h 20'	5 ^h 41'	13 ^h 5'	2 ^h 42'	2 ^h 32'	27 ^h 24'	8 ^h 56'	7 ^h 42'	4 ^h 21'	1 ^h 59'	1 ^h 5'	6 ^h 29'	n.a.		
S 5	3 12 21	19 ^h 58'16"	13 ^h 12'	7 ^h 9'	14 ^h 20'	3 ^h 29'	2 ^h 41'	27 ^h 31'	8 ^h 55'	7 ^h 44'	4 ^h 22'	1 ^h 45'	1 ^h 2'	6 ^h 36'	n.a.		
M 6	3 16 18	20 ^h 59'14"	25 ^h 7'	8 ^h 34'	15 ^h 35'	4 ^h 17'	2 ^h 49'	27 ^h 37'	8 ^h 55'	7 ^h 47'	4 ^h 22'	1 ^h 31'	0 ^h 59'	6 ^h 42'	n.a.		
T 7	3 20 15	22 ^h 0'11"	7 ^h II 6'	9 ^h 54'	16 ^h 50'	5 ^h 4'	2 ^h 58'	27 ^h 44'	8 ^h 55'	7 ^h 49'	4 ^h 23'	1 ^h 16'	0 ^h 56'	6 ^h 49'	n.a.		
W 8	3 24 11	23 ^h 1'07"	19 ^h 10'	11 ^h 10'	18 ^h 5'	5 ^h 51'	3 ^h 6'	27 ^h 50'	8 ^h 54'	7 ^h 51'	4 ^h 24'	1 ^h 2'	0 ^h 53'	6 ^h 56'	n.a.		
T 9	3 28 8	24 ^h 2'01"	1 ^h 20'	12 ^h 20'	19 ^h 21'	6 ^h 38'	3 ^h 15'	27 ^h 57'	8 ^h 54'	7 ^h 53'	4 ^h 24'	0 ^h 51'	0 ^h 49'	7 ^h 2'	n.a.		
F 10	3 32 4	25 ^h 2'54"	13 ^h 39'	13 ^h 24'	20 ^h 36'	7 ^h 25'	3 ^h 24'	28 ^h 4'	8 ^h 54'	7 ^h 55'	4 ^h 25'	0 ^h 42'	0 ^h 46'	7 ^h 9'	n.a.		
S 11	3 36 1	26 ^h 3'46"	26 ^h 9'	14 ^h 20'	21 ^h 51'	8 ^h 13'	3 ^h 33'	28 ^h 11'	8 ^h 54'	7 ^h 58'	4 ^h 25'	0 ^h 37'	0 ^h 43'	7 ^h 16'	n.a.		
S 12	3 39 57	27 ^h 4'36"	8 ^h Ω52'	15 ^h 9'	23 ^h 6'	9 ^h 0'	3 ^h 43'	28 ^h 17'	8 ^h D54	8 ^h 0'	4 ^h 26'	0 ^h 34'	0 ^h 40'	7 ^h 23'	n.a.		
M13	3 43 54	28 ^h 5'26"	21 ^h 53'	15 ^h 48'	24 ^h 21'	9 ^h 47'	3 ^h 52'	28 ^h 24'	8 ^h 54'	8 ^h 2'	4 ^h 27'	0 ^h 33'	0 ^h 37'	7 ^h 29'	n.a.		
T 14	3 47 50	29 ^h 6'13"	5 ^h M15	16 ^h 19'	25 ^h 36'	10 ^h 34'	4 ^h 2'	28 ^h 31'	8 ^h 54'	8 ^h 4'	4 ^h 27'	0 ^h 33'	0 ^h 34'	7 ^h 36'	n.a.		
W15	3 51 47	0 ^h X 7'00"	19 ^h 0'	16 ^h 39'	26 ^h 51'	11 ^h 21'	4 ^h 11'	28 ^h 38'	8 ^h 54'	8 ^h 7'	4 ^h 28'	0 ^h 33'	0 ^h 30'	7 ^h 43'	n.a.		
T 16	3 55 44	1 ^h 7'45"	3 ^h Ω11'	16 ^h R49	28 ^h 6'	12 ^h 8'	4 ^h 21'	28 ^h 45'	8 ^h 54'	8 ^h 9'	4 ^h 29'	0 ^h 30'	0 ^h 27'	7 ^h 49'	n.a.		
F 17	3 59 40	2 ^h 8'29"	17 ^h 46'	16 ^h 48'	29 ^h 21'	12 ^h 55'	4 ^h 31'	28 ^h 52'	8 ^h 55'	8 ^h 11'	4 ^h 30'	0 ^h 25'	0 ^h 24'	7 ^h 56'	n.a.		
S 18	4 3 37	3 ^h 9'12"	2 ^h M43	16 ^h 36'	0 ^h X36'	13 ^h 42'	4 ^h 41'	28 ^h 59'	8 ^h 55'	8 ^h 13'	4 ^h 30'	0 ^h 17'	0 ^h 21'	8 ^h 3'	n.a.		
S 19	4 7 33	4 ^h 9'53"	17 ^h 53'	16 ^h 14'	1 ^h 51'	14 ^h 29'	4 ^h 51'	29 ^h 6'	8 ^h 55'	8 ^h 16'	4 ^h 31'	0 ^h 7'	0 ^h 18'	8 ^h 9'	n.a.		
M20	4 11 30	5 ^h 10'32"	3 ^h X 6'	15 ^h 41'	3 ^h 6'	15 ^h 16'	5 ^h 1'	29 ^h 13'	8 ^h 56'	8 ^h 18'	4 ^h 32'	29 ^h Ω55	0 ^h 15'	8 ^h 16'	n.a.</		