

SWISS EPHEMERIS for the year 1642 BCE

JANUARY 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	5 41 58	27 [♏] 17'22	6 [♐] 9	21 [♑] R45	3 [♒] 45	15 [♓] 17	26 [♈] 8	5 [♉] R 4	28 [♊] R21	9 [♌] 39	6 [♍] 52	18 [♎] R31	18 [♏] 52	28 [♐] 59	n.a.								
F 2	5 45 55	28 [♐] 19'59	18 [♑] 6	20 [♒] 39	4 [♓] 57	15 [♔] 52	26 [♉] 13	5 [♊] 4	28 [♋] 20	9 [♍] 40	6 [♎] 53	18 [♌] 17	18 [♍] 49	29 [♎] 6	n.a.								
S 3	5 49 51	29 [♑] 20'34	0 [♒] 8	19 [♓] 39	6 [♔] 9	16 [♕] 27	26 [♊] 19	5 [♋] 3	28 [♌] 19	9 [♏] 42	6 [♍] 54	18 [♎] 2	18 [♏] 46	29 [♐] 12	n.a.								
S 4	5 53 48	0 [♓] 21'08	12 [♔] 16	18 [♕] 44	7 [♖] 21	17 [♗] 2	26 [♋] 24	5 [♌] 3	28 [♍] 19	9 [♏] 44	6 [♎] 55	17 [♎] 48	18 [♏] 42	29 [♐] 19	n.a.								
M 5	5 57 44	1 [♔] 21'40	24 [♕] 32	17 [♖] 56	8 [♗] 33	17 [♘] 38	26 [♌] 30	5 [♍] 2	28 [♎] 18	9 [♏] 45	6 [♏] 57	17 [♏] 37	18 [♐] 39	29 [♑] 26	n.a.								
T 6	6 1 41	2 [♕] 22'10	6 [♖] 57	17 [♗] 16	9 [♘] 45	18 [♙] 13	26 [♍] 37	5 [♎] 1	28 [♏] 17	9 [♏] 47	6 [♏] 58	17 [♐] 28	18 [♑] 36	29 [♒] 33	n.a.								
W 7	6 5 37	3 [♖] 22'39	19 [♗] 31	16 [♘] 43	10 [♙] 57	18 [♚] 48	26 [♎] 43	5 [♏] 0	28 [♐] 16	9 [♏] 48	6 [♏] 59	17 [♑] 22	18 [♒] 33	29 [♓] 39	n.a.								
T 8	6 9 34	4 [♗] 23'06	2 [♘] 17	16 [♙] 18	12 [♚] 9	19 [♛] 24	26 [♏] 49	4 [♐] 59	28 [♑] 14	9 [♏] 50	7 [♏] 1	17 [♒] 19	18 [♓] 30	29 [♔] 46	n.a.								
F 9	6 13 31	5 [♘] 23'31	15 [♙] 17	16 [♚] 0	13 [♛] 20	19 [♜] 59	26 [♐] 56	4 [♑] 58	28 [♒] 13	9 [♏] 51	7 [♏] 2	17 [♓] D18	18 [♔] 27	29 [♕] 53	n.a.								
S 10	6 17 27	6 [♙] 23'55	28 [♚] 35	15 [♛] 50	14 [♜] 32	20 [♝] 35	27 [♑] 3	4 [♒] 57	28 [♓] 12	9 [♏] 53	7 [♏] 3	17 [♔] 18	18 [♕] 23	29 [♖] 59	n.a.								
S 11	6 21 24	7 [♚] 24'17	12 [♛] 11	15 [♜] D47	15 [♝] 44	21 [♞] 10	27 [♒] 10	4 [♓] 55	28 [♔] 11	9 [♏] 54	7 [♏] 5	17 [♕] R18	18 [♖] 20	0 [♗] 6	n.a.								
M12	6 25 20	8 [♛] 24'38	26 [♜] 9	15 [♞] 50	16 [♟] 55	21 [♟] 46	27 [♓] 17	4 [♔] 54	28 [♕] 9	9 [♏] 56	7 [♏] 6	17 [♖] 17	18 [♗] 17	0 [♘] 13	n.a.								
T13	6 29 17	9 [♜] 24'57	10 [♞] 29	16 [♟] 1	18 [♞] 6	22 [♟] 22	27 [♔] 24	4 [♕] 52	28 [♖] 8	9 [♏] 57	7 [♏] 7	17 [♗] 13	18 [♘] 14	0 [♙] 20	n.a.								
W14	6 33 13	10 [♞] 25'15	25 [♟] 9	16 [♟] 17	19 [♟] 17	22 [♟] 58	27 [♕] 31	4 [♖] 51	28 [♗] 7	9 [♏] 58	7 [♏] 9	17 [♘] 7	18 [♙] 11	0 [♚] 26	n.a.								
T15	6 37 10	11 [♟] 25'31	10 [♟] 3	16 [♟] 39	20 [♟] 29	23 [♟] 33	27 [♖] 39	4 [♗] 49	28 [♘] 5	10 [♏] 0	7 [♏] 10	16 [♚] 59	18 [♛] 8	0 [♛] 33	n.a.								
F16	6 41 6	12 [♟] 25'45	25 [♟] 4	17 [♟] 6	21 [♟] 40	24 [♟] 9	27 [♗] 47	4 [♘] 47	28 [♙] 4	10 [♏] 1	7 [♏] 12	16 [♛] 49	18 [♜] 4	0 [♜] 40	n.a.								
S17	6 45 3	13 [♟] 25'57	10 [♟] 3	17 [♟] 37	22 [♟] 50	24 [♟] 45	27 [♘] 54	4 [♙] 45	28 [♚] 2	10 [♏] 2	7 [♏] 13	16 [♜] 39	18 [♝] 1	0 [♝] 46	n.a.								
S18	6 49 0	14 [♟] 26'07	24 [♟] 49	18 [♟] 14	24 [♟] 1	25 [♟] 21	28 [♛] 2	4 [♚] 43	28 [♛] 1	10 [♏] 4	7 [♏] 14	16 [♝] 30	17 [♞] 58	0 [♞] 53	n.a.								
M19	6 52 56	15 [♟] 26'15	9 [♟] 16	18 [♟] 54	25 [♟] 12	25 [♟] 57	28 [♜] 11	4 [♛] 41	27 [♞] 59	10 [♏] 5	7 [♏] 16	16 [♞] 22	17 [♟] 55	1 [♟] 0	n.a.								
T20	6 56 53	16 [♟] 26'21	23 [♟] 17	19 [♟] 39	26 [♟] 22	26 [♟] 33	28 [♝] 19	4 [♜] 39	27 [♟] 57	10 [♏] 6	7 [♏] 17	16 [♟] 18	17 [♞] 52	1 [♟] 7	n.a.								
W21	7 0 49	17 [♟] 26'25	6 [♟] 50	20 [♟] 27	27 [♟] 33	27 [♟] 9	28 [♞] 27	4 [♝] 37	27 [♟] 56	10 [♏] 7	7 [♏] 19	16 [♟] 15	17 [♞] 48	1 [♟] 13	n.a.								
T22	7 4 46	18 [♟] 26'26	19 [♟] 56	21 [♟] 18	28 [♟] 43	27 [♟] 45	28 [♞] 36	4 [♞] 34	27 [♟] 54	10 [♏] 8	7 [♏] 20	16 [♟] D15	17 [♟] 45	1 [♟] 20	n.a.								
F23	7 8 42	19 [♟] 26'25	2 [♟] Y37	22 [♟] 13	29 [♟] 53	28 [♟] 21	28 [♞] 44	4 [♞] 32	27 [♟] 52	10 [♏] 9	7 [♏] 22	16 [♟] 16	17 [♟] 42	1 [♟] 27	n.a.								
S24	7 12 39	20 [♟] 26'21	14 [♟] 59	23 [♟] 10	1 [♟] X 3	28 [♟] 57	28 [♟] 53	4 [♟] 29	27 [♟] 50	10 [♏] 10	7 [♏] 23	16 [♟] R17	17 [♟] 39	1 [♟] 33	n.a.								
S25	7 16 36	21 [♟] 26'15	27 [♟] 5	24 [♟] 10	2 [♟] 13	29 [♟] 33	29 [♟] 2	4 [♟] 27	27 [♟] 48	10 [♏] 11	7 [♏] 25	16 [♟] 16	17 [♟] 36	1 [♟] 40	n.a.								
M26	7 20 32	22 [♟] 26'07	9 [♟] 1	25 [♟] 13	3 [♟] 23	0 [♟] Y 9	29 [♟] 11	4 [♟] 24	27 [♟] 46	10 [♏] 12	7 [♏] 26	16 [♟] 15	17 [♟] 33	1 [♟] 47	n.a.								
T27	7 24 29	23 [♟] 25'57	20 [♟] 53	26 [♟] 18	4 [♟] 33	0 [♟] 46	29 [♟] 20	4 [♟] 21	27 [♟] 44	10 [♏] 13	7 [♏] 28	16 [♟] 11	17 [♟] 29	1 [♟] 54	n.a.								
W28	7 28 25	24 [♟] 25'44	2 [♟] II43	27 [♟] 26	5 [♟] 42	1 [♟] 22	29 [♟] 30	4 [♟] 18	27 [♟] 42	10 [♏] 14	7 [♏] 29	16 [♟] 5	17 [♟] 26	2 [♟] 0	n.a.								
T29	7 32 22	25 [♟] 25'28	14 [♟] 38	28 [♟] 35	6 [♟] 51	1 [♟] 58	29 [♟] 39	4 [♟] 15	27 [♟] 40	10 [♏] 15	7 [♏] 31	15 [♟] 57	17 [♟] 23	2 [♟] 7	n.a.								
F30	7 36 18	26 [♟] 25'11	26 [♟] 39	29 [♟] 47	8 [♟] 0	2 [♟] 34	29 [♟] 49	4 [♟] 12	27 [♟] 38	10 [♏] 16	7 [♏] 32	15 [♟] 48	17 [♟] 20	2 [♟] 14	n.a.								
S31	7 40 15	27 [♟] 24'51	8 [♟] 48	1 [♟] Z 0	9 [♟] X 9	3 [♟] Y11	29 [♟] X58	4 [♟] 9	27 [♟] 36	10 [♏] 17	7 [♏] 34	15 [♟] X38	17 [♟] X17	2 [♟] II21	n.a.								

Delta T = 10h59m21s Julian Calendar 1 Jan. 1642 BCE == Greg. Calendar 18 Dec. 1643 BCE
 The year -1641 astronomical counting style corresponds to year 1642 B.C.E historical counting style.

FEBRUARY 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	7 44 11	28 [♓] 24'29	21 [♔] 7	2 [♕] 16	10 [♖] 18	3 [♗] 47	0 [♘] Y 8	4 [♙] R 6	27 [♚] R34	10 [♛] 18	7 [♛] 35	15 [♜] R29	17 [♝] 14	2 [♞] II27	n.a.								
M 2	7 48 8	29 [♔] 24'05	3 [♕] 38	3 [♖] 33	11 [♗] 27	4 [♘] 23	0 [♙] 18	4 [♚] 3	27 [♛] 32	10 [♛] 18	7 [♛] 37	15 [♜] X22	17 [♝] 10	2 [♞] 34	n.a.								
T 3	7 52 5	0 [♛] 23'38	16 [♜] 19	4 [♝] 52	12 [♞] 35	5 [♟] 0	0 [♟] 28	3 [♟] 59	27 [♞] 30	10 [♏] 19	7 [♏] 38	15 [♟] 16	17 [♟] 7	2 [♟] 41	n.a.								
W 4	7 56 1	1 [♟] 23'09	29 [♟] 12	6 [♟] 13	13 [♟] 44	5 [♟] 36	0 [♟] 38	3 [♟] 56	27 [♟] 28	10 [♏] 20	7 [♏] 40	15 [♟] 13	17 [♟] 4	2 [♟] 47	n.a.								
T 5	7 59 58	2 [♟] 22'39	12 [♟] 17	7 [♟] 35	14 [♟] 52	6 [♟] 13	0 [♟] 48	3 [♟] 52	27 [♟] 25	10 [♏] 21	7 [♏] 41	15 [♟] D12	17 [♟] 1	2 [♟] 54	n.a.								
F 6	8 3 54	3 [♟] 22'06	25 [♟] 33	8 [♟] 58	16 [♟] 0	6 [♟] 49	0 [♟] 58	3 [♟] 49	27 [♟] 23	10 [♏] 21	7 [♏] 43	15 [♟] 12	16 [♟] 58	3 [♟] 1	n.a.								
S 7	8 7 51	4 [♟] 21'31	9 [♟] 2	10 [♟] 24	17 [♟] 8	7 [♟] 25	1 [♟] 9	3 [♟] 45	27 [♟] 21	10 [♏] 22	7 [♏] 44	15 [♟] 13	16 [♟] 54	3 [♟] 8	n.a.								
S 8	8 11 47	5 [♟] 20'54	22 [♟] 45	11 [♟] 50	18 [♟] 15	8 [♟] 2	1 [♟] 19	3 [♟] 42	27 [♟] 19	10 [♏] 22	7 [♏] 46	15 [♟] 15	16 [♟] 51	3 [♟] 14	n.a.								
M 9	8 15 44	6 [♟] 20'16	6 [♟] 41	13 [♟] 19	19 [♟] 23	8 [♟] 38	1 [♟] 30	3 [♟] 38	27 [♟] 16	10 [♏] 23	7 [♏] 47	15 [♟] R15	16 [♟] 48	3 [♟] 21	n.a.								
T10	8 19 40	7 [♟] 19'35	20 [♟] 51	14 [♟] 48	20 [♟] 30	9 [♟] 15	1 [♟] 41	3 [♟] 34	27 [♟] 14	10 [♏] 24	7 [♏] 49	15 [♟] 14	16 [♟] 45	3 [♟] 28	n.a.								
W11	8 23 37	8 [♟] 18'53	5 [♟] 13	16 [♟] 19	21 [♟] 37	9 [♟] 51	1 [♟] 51	3 [♟] 30	27 [♟] 12	10 [♏] 24	7 [♏] 50	15 [♟] 12	16 [♟] 42	3 [♟] 34	n.a.								
T12	8 27 34	9 [♟] 18'09	19 [♟] 43	17 [♟] 52	22 [♟] 44	10 [♟] 28	2 [♟] 2	3 [♟] 26	27 [♟] 9	10 [♏] 24	7 [♏] 52	15 [♟] 8	16 [♟] 39	3 [♟] 41	n.a.								
F13	8 31 30	10 [♟] 17'23	4 [♟] Z18	19 [♟] 26	23 [♟] 50	11 [♟] 5	2 [♟] 13	3 [♟] 22	27 [♟] 7	10 [♏] 25	7 [♏] 53	15 [♟] 3	16 [♟] 35	3 [♟] 48	n.a.								
S14	8 35 27	11 [♟] 16'35	18 [♟] 50	21 [♟] 1	24 [♟] 57	11 [♟] 41	2 [♟] 24	3 [♟] 19	27 [♟] 4	10 [♏] 25	7 [♏] 55	14 [♟] 58	16 [♟] 32	3 [♟] 55	n.a.								
S15	8 39 23	12 [♟] 15'45	3 [♟] 13	22 [♟] 38	26 [♟] 3	12 [♟] 18	2 [♟] 36	3 [♟] 14	27 [♟] 2	10 [♏] 26	7 [♏] 56	14 [♟] 53	16 [♟] 29	4 [♟] 1	n.a.								
M16	8 43 20	13 [♟] 14'52	17 [♟] 22	24 [♟] 16	27 [♟] 9																		

SWISS EPHEMERIS for the year 1642 BCE

MARCH 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	9 34 35	25 ⁵⁹ 59'56	29 ³¹ 31	17 ⁴⁰ 40	11 ³ 3	20 ⁵² 52	5 ²⁰ 20	2 ^{R14} 14	26 ^{R26} 26	10 ^{R27} 27	8 ¹⁷ 17	14 ^{R39} 39	15 ^{X45} 45	5 ^{II35} 35	n.a.
M 2	9 38 32	26 ⁵⁸ 31	12 ¹⁴ 14	19 ³⁸ 38	12 ⁵ 5	21 ²⁹ 29	5 ³³ 33	2 ¹⁰ 10	26 ¹²⁴ 24	10 ^{M27} 27	8 ¹⁹ 19	14 ^{X37} 37	15 ⁴¹ 41	5 ⁴² 42	n.a.
T 3	9 42 28	27 ⁵⁷ 03	25 ¹³ 13	21 ³⁸ 38	13 ⁶ 6	22 ⁵ 5	5 ⁴⁵ 45	2 ⁵ 5	26 ²¹ 21	10 ²⁷ 27	8 ²⁰ 20	14 ³⁵ 35	15 ³⁸ 38	5 ⁴⁹ 49	n.a.
W 4	9 46 25	28 ⁵⁵ 33	8 ²⁸ 28	23 ³⁹ 39	14 ⁸ 8	22 ⁴² 42	5 ⁵⁸ 58	2 ¹ 1	26 ¹⁹ 19	10 ²⁷ 27	8 ²² 22	14 ^{D34} 34	15 ³⁵ 35	5 ⁵⁶ 56	n.a.
T 5	9 50 21	29 ⁵⁴ 02	21 ⁵⁶ 56	25 ⁴¹ 41	15 ⁹ 9	23 ¹⁹ 19	6 ¹⁰ 10	1 ⁵⁶ 56	26 ¹⁶ 16	10 ²⁶ 26	8 ²³ 23	14 ³⁴ 34	15 ³² 32	6 ² 2	n.a.
F 6	9 54 18	0 ^{X52} 28	5 ³⁸ 38	27 ⁴⁴ 44	16 ⁹ 9	23 ⁵⁶ 56	6 ²³ 23	1 ⁵¹ 51	26 ¹³ 13	10 ²⁶ 26	8 ²⁵ 25	14 ³⁵ 35	15 ²⁹ 29	6 ⁹ 9	n.a.
S 7	9 58 14	1 ⁵⁰ 52	19 ³⁰ 30	29 ⁴⁹ 49	17 ¹⁰ 10	24 ³³ 33	6 ³⁵ 35	1 ⁴⁷ 47	26 ¹¹ 11	10 ²⁶ 26	8 ²⁶ 26	14 ³⁶ 36	15 ²⁶ 26	6 ¹⁶ 16	n.a.
S 8	10 2 11	2 ⁴⁹ 15	3 ^{M32} 32	1 ^{X54} 54	18 ⁹ 9	25 ¹⁰ 10	6 ⁴⁸ 48	1 ⁴² 42	26 ⁸ 8	10 ²⁵ 25	8 ²⁸ 28	14 ³⁷ 37	15 ²² 22	6 ²³ 23	n.a.
M 9	10 6 7	3 ⁴⁷ 36	17 ³⁹ 39	4 ¹ 1	19 ⁹ 9	25 ⁴⁶ 46	7 ¹ 1	1 ³⁸ 38	26 ⁶ 6	10 ²⁵ 25	8 ²⁹ 29	14 ³⁸ 38	15 ¹⁹ 19	6 ²⁹ 29	n.a.
T 10	10 10 4	4 ⁴⁵ 56	1 ^{X751} 51	6 ⁸ 8	20 ⁸ 8	26 ²³ 23	7 ¹⁴ 14	1 ³³ 33	26 ³ 3	10 ²⁵ 25	8 ³⁰ 30	14 ^{R38} 38	15 ¹⁶ 16	6 ³⁶ 36	n.a.
W11	10 14 1	5 ⁴⁴ 13	16 ⁵ 5	8 ¹⁵ 15	21 ⁶ 6	27 ⁰ 0	7 ²⁶ 26	1 ²⁹ 29	26 ¹ 1	10 ²⁴ 24	8 ³² 32	14 ³⁸ 38	15 ¹³ 13	6 ⁴³ 43	n.a.
T 12	10 17 57	6 ⁴² 30	0 ⁸¹⁹ 19	10 ²³ 23	22 ⁵ 5	27 ³⁷ 37	7 ³⁹ 39	1 ²⁴ 24	25 ⁵⁸ 58	10 ²⁴ 24	8 ³³ 33	14 ³⁸ 38	15 ¹⁰ 10	6 ⁴⁹ 49	n.a.
F 13	10 21 54	7 ⁴⁰ 44	14 ²⁹ 29	12 ³¹ 31	23 ² 2	28 ¹⁴ 14	7 ⁵² 52	1 ²⁰ 20	25 ⁵⁶ 56	10 ²³ 23	8 ³⁴ 34	14 ³⁷ 37	15 ⁶ 6	6 ⁵⁶ 56	n.a.
S 14	10 25 50	8 ³⁸ 57	28 ³³ 33	14 ³⁹ 39	23 ⁵⁹ 59	28 ⁵¹ 51	8 ⁵ 5	1 ¹⁵ 15	25 ⁵³ 53	10 ²³ 23	8 ³⁶ 36	14 ³⁶ 36	15 ³ 3	7 ³ 3	n.a.
S 15	10 29 47	9 ³⁷ 08	12 ²⁷ 27	16 ⁴⁶ 46	24 ⁵⁶ 56	29 ²⁸ 28	8 ¹⁸ 18	1 ¹¹ 11	25 ⁵¹ 51	10 ²² 22	8 ³⁷ 37	14 ³⁵ 35	15 ⁰ 0	7 ¹⁰ 10	n.a.
M16	10 33 43	10 ³⁵ 17	26 ¹⁰ 10	18 ⁵² 52	25 ⁵² 52	0 ⁸⁵ 5	8 ³¹ 31	1 ⁶ 6	25 ⁴⁸ 48	10 ²² 22	8 ³⁹ 39	14 ³⁵ 35	14 ⁵⁷ 57	7 ¹⁶ 16	n.a.
T 17	10 37 40	11 ³³ 24	9 ^{X37} 37	20 ⁵⁷ 57	26 ⁴⁸ 48	0 ⁴² 42	8 ⁴⁴ 44	1 ² 2	25 ⁴⁶ 46	10 ²¹ 21	8 ⁴⁰ 40	14 ^{D35} 35	14 ⁵⁴ 54	7 ²³ 23	n.a.
W18	10 41 36	12 ³¹ 30	22 ⁴⁹ 49	23 ⁰ 0	27 ⁴³ 43	1 ¹⁹ 19	8 ⁵⁸ 58	0 ⁵⁸ 58	25 ⁴³ 43	10 ²⁰ 20	8 ⁴¹ 41	14 ³⁵ 35	14 ⁵¹ 51	7 ³⁰ 30	n.a.
T 19	10 45 33	13 ²⁹ 34	5 ^{Y43} 43	25 ² 2	28 ³⁸ 38	1 ⁵⁶ 56	9 ¹¹ 11	0 ⁵³ 53	25 ⁴¹ 41	10 ²⁰ 20	8 ⁴² 42	14 ³⁵ 35	14 ⁴⁷ 47	7 ³⁶ 36	n.a.
F 20	10 49 30	14 ²⁷ 35	18 ²¹ 21	27 ² 2	29 ³² 32	2 ³³ 33	9 ²⁴ 24	0 ⁴⁹ 49	25 ³⁸ 38	10 ¹⁹ 19	8 ⁴⁴ 44	14 ^{R35} 35	14 ⁴⁴ 44	7 ⁴³ 43	n.a.
S 21	10 53 26	15 ²⁵ 35	0 ⁸⁴³ 43	28 ⁵⁹ 59	0 ⁸²⁵ 25	3 ¹⁰ 10	9 ³⁷ 37	0 ⁴⁵ 45	25 ³⁶ 36	10 ¹⁸ 18	8 ⁴⁵ 45	14 ³⁵ 35	14 ⁴¹ 41	7 ⁵⁰ 50	n.a.
S 22	10 57 23	16 ²³ 33	12 ⁵³ 53	0 ^{Y54} 54	1 ¹⁸ 18	3 ⁴⁶ 46	9 ⁵¹ 51	0 ⁴⁰ 40	25 ³⁴ 34	10 ¹⁷ 17	8 ⁴⁶ 46	14 ³⁵ 35	14 ³⁸ 38	7 ⁵⁷ 57	n.a.
M23	11 1 19	17 ²¹ 29	24 ⁵³ 53	2 ⁴⁶ 46	2 ¹⁰ 10	4 ²³ 23	10 ⁴ 4	0 ³⁶ 36	25 ³¹ 31	10 ¹⁷ 17	8 ⁴⁸ 48	14 ³⁵ 35	14 ³⁵ 35	8 ³ 3	n.a.
T 24	11 5 16	18 ¹⁹ 23	6 ^{II48} 48	4 ³⁵ 35	3 ² 2	5 ⁰ 0	10 ¹⁷ 17	0 ³² 32	25 ²⁹ 29	10 ¹⁶ 16	8 ⁴⁹ 49	14 ³⁴ 34	14 ³¹ 31	8 ¹⁰ 10	n.a.
W25	11 9 12	19 ¹⁷ 15	18 ⁴¹ 41	6 ²⁰ 20	3 ⁵³ 53	5 ³⁷ 37	10 ³¹ 31	0 ²⁸ 28	25 ²⁷ 27	10 ¹⁵ 15	8 ⁵⁰ 50	14 ^{D34} 34	14 ²⁸ 28	8 ¹⁷ 17	n.a.
T 26	11 13 9	20 ¹⁵ 05	0 ⁸³⁸ 8	8 ³ 3	4 ⁴³ 43	6 ¹⁵ 15	10 ⁴⁴ 44	0 ²³ 23	25 ²⁴ 24	10 ¹⁴ 14	8 ⁵¹ 51	14 ³⁴ 34	14 ²⁵ 25	8 ²⁴ 24	n.a.
F 27	11 17 5	21 ¹² 54	12 ⁴² 42	9 ⁴² 42	5 ³² 32	6 ⁵² 52	10 ⁵⁸ 58	0 ¹⁹ 19	25 ²² 22	10 ¹³ 13	8 ⁵² 52	14 ³⁵ 35	14 ²² 22	8 ³⁰ 30	n.a.
S 28	11 21 2	22 ¹⁰ 40	24 ⁵⁹ 59	11 ¹⁷ 17	6 ²¹ 21	7 ²⁹ 29	11 ¹¹ 11	0 ¹⁵ 15	25 ²⁰ 20	10 ¹² 12	8 ⁵⁴ 54	14 ³⁵ 35	14 ¹⁹ 19	8 ³⁷ 37	n.a.
S 29	11 24 59	23 ⁸ 24	7 ¹³¹ 31	12 ⁴⁹ 49	7 ⁹ 9	8 ⁶ 6	11 ²⁵ 25	0 ¹¹ 11	25 ¹⁸ 18	10 ¹¹ 11	8 ⁵⁵ 55	14 ³⁶ 36	14 ¹⁶ 16	8 ⁴⁴ 44	n.a.
M30	11 28 55	24 ⁶ 07	20 ²² 22	14 ¹⁷ 17	7 ⁵⁶ 56	8 ⁴³ 43	11 ³⁸ 38	0 ⁷ 7	25 ¹⁶ 16	10 ¹⁰ 10	8 ⁵⁶ 56	14 ³⁷ 37	14 ¹² 12	8 ⁵⁰ 50	n.a.
T 31	11 32 52	25 ^{X3} 3'48	3 ¹³³ 34	15 ^{Y41} 41	8 ⁸⁴² 42	9 ⁸²⁰ 20	11 ^{Y52} 52	0 ¹³ 13	25 ¹³ 13	10 ^{M9} 9	8 ⁵⁷ 57	14 ^{X38} 38	14 ^{X9} 9	8 ^{II57} 57	n.a.

Delta T = 10h59m17s Julian Calendar 1 March 1642 BCE == Greg. Calendar 15 Feb. 1642 BCE
 The year -1641 astronomical counting style corresponds to year 1642 B.C.E historical counting style.

APRIL 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	11 36 48	26 ^{X1} 27	17 ¹⁷ 7	17 ^{Y1} 1	9 ⁸²⁷ 27	9 ⁸⁵⁷ 57	12 ^{Y6} 6	0 ^{R0} 0	25 ^{R11} 11	10 ^{R8} 8	8 ⁵⁸ 58	14 ^{R38} 38	14 ^{X6} 6	9 ^{II4} 4	n.a.
T 2	11 40 45	26 ⁵⁹ 05	0 ⁵⁹ 59	18 ¹⁸ 18	10 ¹² 12	10 ³⁴ 34	12 ¹⁹ 19	29 ¹⁵⁶ 56	25 ¹² 9	10 ^{M7} 7	8 ⁵⁹ 59	14 ^{X37} 37	14 ³ 3	9 ¹¹ 11	n.a.
F 3	11 44 41	27 ⁵⁶ 41	15 ⁷ 7	19 ³⁰ 30	10 ⁵⁵ 55	11 ¹¹ 11	12 ³³ 33	29 ⁵² 52	25 ⁷ 7	10 ⁶ 6	9 ⁰ 0	14 ³⁶ 36	14 ⁰ 0	9 ¹⁷ 17	n.a.
S 4	11 48 38	28 ⁵⁴ 16	29 ²⁸ 28	20 ³⁹ 39	11 ³⁷ 37	11 ⁴⁸ 48	12 ⁴⁷ 47	29 ⁴⁸ 48	25 ⁵ 5	10 ⁵ 5	9 ¹ 1	14 ³⁵ 35	13 ⁵⁷ 57	9 ²⁴ 24	n.a.
S 5	11 52 34	29 ⁵¹ 50	13 ^{M56} 56	21 ⁴³ 43	12 ¹⁹ 19	12 ²⁵ 25	13 ⁰ 0	29 ⁴⁵ 45	25 ³ 3	10 ⁴ 4	9 ² 2	14 ³³ 33	13 ⁵³ 53	9 ³¹ 31	n.a.
M 6	11 56 31	0 ^{Y49} 22	28 ²⁵ 25	22 ⁴³ 43	12 ⁵⁹ 59	13 ² 2	13 ¹⁴ 14	29 ⁴¹ 41	25 ¹ 1	10 ³ 3	9 ⁴ 4	14 ³¹ 31	13 ⁵⁰ 50	9 ³⁸ 38	n.a.
T 7	12 0 27	1 ⁴⁶ 54	12 ^{X750} 50	23 ³⁹ 39	13 ³⁸ 38	13 ³⁹ 39	13 ²⁸ 28	29 ³⁸ 38	24 ⁵⁹ 59	10 ² 2	9 ⁵ 5	14 ³⁰ 30	13 ⁴⁷ 47	9 ⁴⁴ 44	n.a.
W 8	12 4 24	2 ⁴⁴ 25	27 ⁸ 8	24 ³¹ 31	14 ¹⁶ 16	14 ¹⁶ 16	13 ⁴² 42	29 ³⁴ 34	24 ⁵⁸ 58	10 ¹ 1	9 ⁶ 6	14 ^{D29} 29	13 ⁴⁴ 44	9 ⁵¹ 51	n.a.
T 9	12 8 21	3 ⁴¹ 54	11 ³¹⁶ 16	25 ¹⁸ 18	14 ⁵³ 53	14 ⁵³ 53	13 ⁵⁵ 55	29 ³¹ 31	24 ⁵⁶ 56	9 ⁵⁹ 59	9 ⁷ 7	14 ²⁹ 29	13 ⁴¹ 41	9 ⁵⁸ 58	n.a.
F 10	12 12 17	4 ³⁹ 23	25 ¹¹ 11	26 ¹ 1	15 ²⁹ 29	15 ³⁰ 30	14 ⁹ 9	29 ²⁸ 28	24 ⁵⁴ 54	9 ⁵⁸ 58	9 ⁷ 7	14 ³⁰ 30	13 ³⁷ 37	10 ⁴ 4	n.a.
S 11	12 16 14	5 ³⁶ 50	8 ⁵⁴ 54	26 ⁴⁰ 40	16 ³ 3	16 ⁷ 7	14 ²³ 23	29 ²⁴ 24	24 ⁵² 52	9 ⁵⁷ 57	9 ⁸ 8	14 ³¹ 31	13 ³⁴ 34	10 ¹¹ 11	n.a.
S 12	12 20 10	6 ³⁴ 17	22 ²⁴ 24	27 ¹⁴ 14	16 ³⁶ 36	16 ⁴⁵ 45	14 ³⁷ 37	29 ²¹ 21	24 ⁵⁰ 50	9 ⁵⁶ 56	9 ⁹ 9	14 ³³ 33	13 ³¹ 31	10 ¹⁸ 18	n.a.
M13	12 24 7	7 ³¹ 42	5 ^{X40} 40	27 ⁴³ 43	17 ⁸ 8	17 ²² 22	14 ⁵¹ 51	29 ¹⁸ 18	24 ⁴⁹ 49	9 ⁵⁴ 54	9 ¹⁰ 10	14 ³⁴ 34	13 ²⁸ 28	10 ²⁵ 25	n.a.
T 14	12 28 3	8 ²⁹ 07	18 ⁴⁴ 44	28 ⁸ 8	17 ³⁸ 38	17 ⁵⁹ 59	15 ⁵ 5	29 ¹⁵ 15	24 ⁴⁷ 47	9 ⁵³ 53	9 ¹¹ 11	14 ^{R34} 34	13 ²⁵ 25	10 ³¹ 31	n.a.
W15	12 32 0	9 ²⁶ 30	1 ^{Y34} 34	28 ²⁸ 28	18 ⁷ 7	18 ³⁶ 36	15 ¹⁸ 18	29 ¹² 12	24 ⁴⁶ 46	9 ⁵² 52	9 ¹² 12	14 ³³ 33	13 ²² 22	10 ³⁸ 38	n.a.
T 16	12 35 56	10 ²³ 52	14 ¹² 12	28 ⁴³ 43	18 ³⁴ 34	19 ¹³ 13	15 ³² 32	29 ⁹ 9	24 ⁴⁴ 44	9 ⁵⁰ 50	9 ¹³ 13	14 ³⁰ 30	13 ¹⁸ 18	10 ⁴⁵ 45	n.a.
F 17	12 39 53	11 ²¹ 14	26 ³⁹ 39	28 ⁵⁴ 54	19 ⁰ 0	19 ⁵⁰ 50	15 ⁴⁶ 46	29 ⁶ 6	24 ⁴² 42	9 ⁴⁹ 49	9 ¹⁴ 14	14 ²⁷ 27	1		

SWISS EPHEMERIS for the year 1642 BCE

MAY 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
F 1	13 35 5	24°42'17	23°56	24°R36	21°R38	28°31	19°0	28°R36	24°R26	9°R28	9°23	14°R 2	12°31	12°26	n.a.	
S 2	13 39 1	25°39'24	8°41	24°Y 2	21°R33	29° 9	19°14	28°35	24°25	9°27	9°24	13°56	12°28	12°32	n.a.	
S 3	13 42 58	26°36'30	23°35	23°29	21°25	29°46	19°28	28°33	24°24	9°25	9°24	13°50	12°24	12°39	n.a.	
M 4	13 46 54	27°33'35	8°29	22°58	21°15	0°23	19°42	28°32	24°24	9°24	9°25	13°44	12°21	12°46	n.a.	
T 5	13 50 51	28°30'40	23°15	22°28	21° 3	1° 1	19°56	28°31	24°23	9°22	9°25	13°39	12°18	12°53	n.a.	
W 6	13 54 48	29°27'46	7°36	22° 0	20°48	1°38	20° 9	28°30	24°22	9°21	9°26	13°35	12°15	12°59	n.a.	
T 7	13 58 44	0°24'51	21°58	21°35	20°31	2°15	20°23	28°29	24°22	9°19	9°26	13°33	12°12	13° 6	n.a.	
F 8	14 2 41	1°21'56	5°50	21°14	20°12	2°53	20°37	28°28	24°21	9°17	9°27	13°D33	12° 8	13°13	n.a.	
S 9	14 6 37	2°19'00	19°22	20°56	19°50	3°30	20°51	28°27	24°21	9°16	9°27	13°34	12° 5	13°19	n.a.	
S 10	14 10 34	3°16'05	2°36	20°41	19°27	4° 7	21° 4	28°26	24°20	9°14	9°27	13°35	12° 2	13°26	n.a.	
M11	14 14 30	4°13'10	15°34	20°31	19° 1	4°45	21°18	28°26	24°20	9°13	9°28	13°R35	11°59	13°33	n.a.	
T 12	14 18 27	5°10'14	28°17	20°26	18°33	5°22	21°32	28°25	24°20	9°11	9°28	13°34	11°56	13°40	n.a.	
W13	14 22 23	6° 7'19	10°50	20°D24	18° 4	5°59	21°45	28°25	24°20	9° 9	9°28	13°31	11°53	13°46	n.a.	
T 14	14 26 20	7° 4'23	23°12	20°28	17°33	6°37	21°59	28°24	24°19	9° 8	9°28	13°25	11°49	13°53	n.a.	
F 15	14 30 17	8° 1'28	5°25	20°36	17° 0	7°14	22°12	28°24	24°19	9° 6	9°29	13°18	11°46	14° 0	n.a.	
S 16	14 34 13	8°58'32	17°31	20°49	16°26	7°52	22°26	28°24	24°19	9° 5	9°29	13° 8	11°43	14° 6	n.a.	
S 17	14 38 10	9°55'37	29°30	21° 6	15°51	8°29	22°40	28°D24	24°D19	9° 3	9°29	12°57	11°40	14°13	n.a.	
M18	14 42 6	10°52'41	11°25	21°29	15°15	9° 7	22°53	28°24	24°19	9° 1	9°29	12°47	11°37	14°20	n.a.	
T 19	14 46 3	11°49'45	23°17	21°56	14°38	9°44	23° 7	28°24	24°19	9° 0	9°29	12°37	11°34	14°27	n.a.	
W20	14 49 59	12°46'49	5°8	22°28	14° 1	10°22	23°20	28°24	24°19	8°58	9°30	12°29	11°30	14°33	n.a.	
T 21	14 53 56	13°43'53	17° 2	23° 5	13°24	10°59	23°33	28°25	24°19	8°56	9°30	12°24	11°27	14°40	n.a.	
F 22	14 57 52	14°40'56	29° 3	23°46	12°46	11°37	23°47	28°25	24°20	8°55	9°30	12°20	11°24	14°47	n.a.	
S 23	15 1 49	15°38'00	11°15	24°32	12° 9	12°14	24° 0	28°25	24°20	8°53	9°30	12°D19	11°21	14°54	n.a.	
S 24	15 5 46	16°35'03	23°43	25°23	11°32	12°52	24°13	28°26	24°20	8°52	9°30	12°19	11°18	15° 0	n.a.	
M25	15 9 42	17°32'07	6°32	26°18	10°56	13°29	24°27	28°27	24°21	8°50	9°R30	12°R20	11°14	15° 7	n.a.	
T 26	15 13 39	18°29'10	19°46	27°17	10°21	14° 7	24°40	28°28	24°21	8°48	9°30	12°20	11°11	15°14	n.a.	
W27	15 17 35	19°26'13	3°28	28°21	9°48	14°44	24°53	28°29	24°21	8°47	9°30	12°18	11° 8	15°20	n.a.	
T 28	15 21 32	20°23'16	17°40	29°29	9°15	15°22	25° 6	28°30	24°22	8°45	9°30	12°14	11° 5	15°27	n.a.	
F 29	15 25 28	21°20'20	2°18	0°42	8°44	16° 0	25°19	28°31	24°23	8°44	9°30	12° 8	11° 2	15°34	n.a.	
S 30	15 29 25	22°17'23	17°17	1°59	8°15	16°37	25°32	28°32	24°23	8°42	9°30	11°59	10°59	15°41	n.a.	
S 31	15 33 21	23°14'28	2°29	3°19	7°47	17°15	25°45	28°33	24°24	8°41	9°29	11°49	10°55	15°47	n.a.	

Delta T = 10h59m13s Julian Calendar 1 May 1642 BCE == Greg. Calendar 17 Apr. 1642 BCE
 The year -1641 astronomical counting style corresponds to year 1642 B.C.E historical counting style.

JUNE 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
M 1	15 37 18	24°11'33	17°43	4°44	7°R22	17°53	25°58	28°35	24°25	8°R39	9°R29	11°R39	10°52	15°54	n.a.	
T 2	15 41 15	25° 8'38	2°38	6°13	6°58	18°30	26°11	28°36	24°25	8°38	9°29	11°31	10°49	16° 1	n.a.	
W 3	15 45 11	26° 5'44	17°35	7°46	6°37	19° 8	26°24	28°38	24°26	8°36	9°29	11°24	10°46	16° 8	n.a.	
T 4	15 49 8	27° 2'51	1°58	9°22	6°18	19°46	26°37	28°39	24°27	8°34	9°29	11°20	10°43	16°14	n.a.	
F 5	15 53 4	27°59'59	15°56	11° 2	6° 2	20°23	26°50	28°41	24°28	8°33	9°29	11°18	10°40	16°21	n.a.	
S 6	15 57 1	28°57'07	29°27	12°46	5°47	21° 1	27° 3	28°43	24°29	8°31	9°28	11°D17	10°36	16°28	n.a.	
S 7	16 0 57	29°54'17	12°36	14°33	5°36	21°39	27°15	28°45	24°30	8°30	9°28	11°R17	10°33	16°34	n.a.	
M 8	16 4 54	0°11'27	25°24	16°23	5°26	22°17	27°28	28°47	24°31	8°29	9°28	11°17	10°30	16°41	n.a.	
T 9	16 8 50	1°48'39	7°56	18°16	5°19	22°54	27°40	28°49	24°32	8°27	9°27	11°14	10°27	16°48	n.a.	
W10	16 12 47	2°45'51	20°16	20°12	5°14	23°32	27°53	28°51	24°34	8°26	9°27	11°10	10°24	16°55	n.a.	
T 11	16 16 44	3°43'04	2°26	22°10	5°D12	24°10	28° 5	28°54	24°35	8°24	9°27	11° 2	10°20	17° 1	n.a.	
F 12	16 20 40	4°40'19	14°29	24°10	5°12	24°48	28°18	28°56	24°36	8°23	9°26	10°51	10°17	17° 8	n.a.	
S 13	16 24 37	5°37'34	26°27	26°13	5°14	25°26	28°30	28°58	24°38	8°21	9°26	10°39	10°14	17°15	n.a.	
S 14	16 28 33	6°34'50	8°21	28°16	5°19	26° 3	28°42	29° 1	24°39	8°20	9°25	10°25	10°11	17°22	n.a.	
M15	16 32 30	7°32'08	20°13	0°21	5°26	26°41	28°55	29° 4	24°40	8°19	9°25	10°11	10° 8	17°28	n.a.	
T 16	16 36 26	8°29'26	2°26	2°26	5°35	27°19	29° 7	29° 6	24°42	8°17	9°25	9°58	10° 5	17°35	n.a.	
W17	16 40 23	9°26'45	13°57	4°32	5°46	27°57	29°19	29° 9	24°43	8°16	9°24	9°47	10° 1	17°42	n.a.	
T 18	16 44 19	10°24'04	25°53	6°38	5°59	28°35	29°31	29°12	24°45	8°15	9°24	9°39	9°58	17°48	n.a.	
F 19	16 48 16	11°21'25	7°55	8°44	6°14	29°13	29°43	29°15	24°47	8°13	9°23	9°34	9°55	17°55	n.a.	
S 20	16 52 13	12°18'46	20° 7	10°50	6°31	29°51	29°55	29°18	24°48	8°12	9°22	9°31	9°52	18° 2	n.a.	
S 21	16 56 9	13°16'09	2°33	12°55	6°50	0°29	0° 7	29°22	24°50	8°11	9°22	9°30	9°49	18° 9	n.a.	
M22	17 0 6	14°13'32	15°19	15° 0	7°10	1° 7	0°18	29°25	24°52	8°10	9°21	9°30	9°46	18°15	n.a.	
T 23	17 4 2	15°10'55	28°28	17° 3	7°33	1°45	0°30	29°28	24°54	8° 8	9°21	9°30	9°42	18°22	n.a.	
W24	17 7 59	16° 8'20	12° 4	19° 6	7°57	2°23	0°41	29°32	24°56	8° 7	9°20	9°28	9°39	18°29	n.a.	
T 25	17 11 55	17° 5'46	26° 9	21° 7	8°22	3° 1	0°53	29°35	24°58	8° 6	9°19	9°24	9°36	18°35	n.a.	
F 26	17 15 52	18° 3'13	10°43	23° 7	8°50	3°39	1° 4	29°39	25° 0	8° 5	9°19	9°17	9°33	18°42	n.a.	
S 27	17 19 48	19° 0'41	25°41	25° 6	9°18	4°18	1°16	29°43	25° 2	8° 4	9°18	9° 8	9°30	18°49	n.a.	
S 28	17 23 45	19°58'10	10°56	27° 3	9°49	4°56	1°27	29°46	25° 4	8° 3	9°17	8°58	9°26	18°56	n.a.	
M29	17 27 42	20°55'40	26°16	29° 0	10°20	5°34	1°38	29°50	25° 6	8° 2	9°17	8°48	9°23	19° 2	n.a.	
T 30	17 31 38	21°53'12	11°31	0°54	10°53	6°12	1°49	29°54	25° 8	8° 0	9°16	8°38	9°20	19° 9	n.a.	

Delta T = 10h59m11s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]

SWISS EPHEMERIS for the year 1642 BCE

JULY 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
W 1	17 35 35	22II50'46	26Z30	22E47	11R28	6E50	2B 0	29Ω58	25Ω10	7°R59	9°R15	8°R31	9X17	19II16	n.a.
T 2	17 39 31	23°48'20	11X4	4°39	12° 4	7°28	2°11	0M 2	25°12	7M58	9X14	8X26	9°14	19°23	n.a.
F 3	17 43 28	24°45'57	25°11	6°29	12°41	8° 7	2°22	0° 6	25°15	7°57	9°14	8°24	9°11	19°29	n.a.
S 4	17 47 24	25°43'35	8X49	8°18	13°19	8°45	2°33	0°11	25°17	7°56	9°13	8°D23	9° 7	19°36	n.a.
S 5	17 51 21	26°41'15	22° 0	10° 5	13°58	9°23	2°43	0°15	25°19	7°56	9°12	8°R24	9° 4	19°43	n.a.
M 6	17 55 18	27°38'57	4Y48	11°51	14°38	10° 2	2°54	0°19	25°22	7°55	9°11	8°23	9° 1	19°49	n.a.
T 7	17 59 14	28°36'40	17°16	13°36	15°20	10°40	3° 4	0°24	25°24	7°54	9°10	8°22	8°58	19°56	n.a.
W 8	18 3 11	29°34'26	29°31	15°19	16° 2	11°18	3°15	0°28	25°27	7°53	9° 9	8°18	8°55	20° 3	n.a.
T 9	18 7 7	0E32'13	11R35	17° 0	16°46	11°57	3°25	0°33	25°29	7°52	9° 8	8°12	8°52	20°10	n.a.
F 10	18 11 4	1°30'02	23°32	18°41	17°30	12°35	3°35	0°37	25°32	7°51	9° 8	8° 3	8°48	20°16	n.a.
S 11	18 15 0	2°27'53	5II25	20°19	18°15	13°14	3°45	0°42	25°35	7°50	9° 7	7°52	8°45	20°23	n.a.
S 12	18 18 57	3°25'46	17°17	21°57	19° 2	13°52	3°55	0°47	25°37	7°50	9° 6	7°40	8°42	20°30	n.a.
M13	18 22 53	4°23'40	29° 9	23°33	19°49	14°30	4° 5	0°52	25°40	7°49	9° 5	7°28	8°39	20°37	n.a.
T 14	18 26 50	5°21'37	11E 3	25° 8	20°36	15° 9	4°15	0°57	25°43	7°48	9° 4	7°17	8°36	20°43	n.a.
W15	18 30 47	6°19'35	23° 0	26°41	21°25	15°48	4°24	1° 2	25°45	7°48	9° 3	7° 7	8°32	20°50	n.a.
T 16	18 34 43	7°17'34	5Ω 2	28°13	22°14	16°26	4°34	1° 7	25°48	7°47	9° 2	7° 0	8°29	20°57	n.a.
F 17	18 38 40	8°15'36	17°11	29°44	23° 4	17° 5	4°43	1°12	25°51	7°46	9° 1	6°56	8°26	21° 3	n.a.
S 18	18 42 36	9°13'39	29°30	1Ω13	23°55	17°43	4°52	1°17	25°54	7°46	9° 0	6°54	8°23	21°10	n.a.
S 19	18 46 33	10°11'43	12M 1	2°41	24°47	18°22	5° 2	1°22	25°57	7°45	8°59	6°D54	8°20	21°17	n.a.
M20	18 50 29	11° 9'49	24°49	4° 7	25°39	19° 1	5°11	1°28	26° 0	7°45	8°58	6°55	8°17	21°24	n.a.
T 21	18 54 26	12° 7'57	7E56	5°32	26°31	19°39	5°19	1°33	26° 3	7°44	8°57	6°R55	8°13	21°30	n.a.
W22	18 58 22	13° 6'06	21°26	6°55	27°25	20°18	5°28	1°38	26° 6	7°44	8°56	6°55	8°10	21°37	n.a.
T 23	19 2 19	14° 4'17	5M22	8°18	28°19	20°57	5°37	1°44	26° 9	7°43	8°55	6°53	8° 7	21°44	n.a.
F 24	19 6 16	15° 2'29	19°43	9°38	29°13	21°36	5°45	1°50	26°12	7°43	8°53	6°49	8° 4	21°50	n.a.
S 25	19 10 12	16° 0'44	4Z27	10°57	0II 8	22°14	5°54	1°55	26°15	7°43	8°52	6°43	8° 1	21°57	n.a.
S 26	19 14 9	16°59'00	19°28	12°14	1° 4	22°53	6° 2	2° 1	26°18	7°42	8°51	6°36	7°58	22° 4	n.a.
M27	19 18 5	17°57'18	4Z39	13°30	2° 0	23°32	6°10	2° 7	26°21	7°42	8°50	6°29	7°54	22°11	n.a.
T 28	19 22 2	18°55'38	19°48	14°44	2°57	24°11	6°18	2°12	26°24	7°42	8°49	6°22	7°51	22°17	n.a.
W29	19 25 58	19°53'59	4X46	15°56	3°54	24°50	6°26	2°18	26°28	7°42	8°48	6°17	7°48	22°24	n.a.
T 30	19 29 55	20°52'23	19°24	17° 6	4°51	25°29	6°34	2°24	26°31	7°41	8°47	6°14	7°45	22°31	n.a.
F 31	19 33 51	21E50'49	3X37	18Ω15	5II50	26E 8	6Z42	2M30	26Ω34	7M41	8X46	6°D12	7X42	22II38	n.a.

Delta T = 10h59m09s Julian Calendar 1 July 1642 BCE == Greg. Calendar 17 June 1642 BCE
 The year -1641 astronomical counting style corresponds to year 1642 B.C.E historical counting style.

AUGUST 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
S 1	19 37 48	22E49'17	17X21	19Ω21	6II48	26E47	6B49	2M36	26Ω37	7°R41	8°R44	6X13	7X38	22II44	n.a.
S 2	19 41 45	23°47'48	0Y39	20°25	7°47	27°26	6°56	2°42	26°41	7M41	8X43	6°14	7°35	22°51	n.a.
M 3	19 45 41	24°46'20	13°31	21°26	8°47	28° 5	7° 4	2°48	26°44	7°41	8°42	6°15	7°32	22°58	n.a.
T 4	19 49 38	25°44'55	26° 3	22°26	9°46	28°44	7°11	2°54	26°48	7°41	8°41	6°R16	7°29	23° 4	n.a.
W 5	19 53 34	26°43'33	8B17	23°22	10°47	29°23	7°18	3° 0	26°51	7°D41	8°40	6°15	7°26	23°11	n.a.
T 6	19 57 31	27°42'13	20°20	24°16	11°47	0Ω 2	7°24	3° 6	26°54	7°41	8°39	6°13	7°23	23°18	n.a.
F 7	20 1 27	28°40'55	2II16	25° 6	12°48	0°41	7°31	3°13	26°58	7°41	8°37	6° 9	7°19	23°25	n.a.
S 8	20 5 24	29°39'40	14° 8	25°53	13°50	1°20	7°37	3°19	27° 1	7°41	8°36	6° 3	7°16	23°31	n.a.
S 9	20 9 20	0Ω38'27	25°59	26°37	14°51	2° 0	7°44	3°25	27° 5	7°41	8°35	5°57	7°13	23°38	n.a.
M10	20 13 17	1°37'17	7E53	27°17	15°54	2°39	7°50	3°32	27° 8	7°41	8°34	5°50	7°10	23°45	n.a.
T 11	20 17 14	2°36'08	19°52	27°52	16°56	3°18	7°56	3°38	27°12	7°42	8°33	5°44	7° 7	23°51	n.a.
W12	20 21 10	3°35'02	1Ω58	28°23	17°59	3°58	8° 1	3°44	27°15	7°42	8°31	5°39	7° 4	23°58	n.a.
T 13	20 25 7	4°33'58	14°11	28°50	19° 2	4°37	8° 7	3°51	27°19	7°42	8°30	5°36	7° 0	24° 5	n.a.
F 14	20 29 3	5°32'56	26°34	29°11	20° 5	5°16	8°13	3°57	27°23	7°42	8°29	5°34	6°57	24°12	n.a.
S 15	20 33 0	6°31'57	9M 7	29°27	21° 9	5°56	8°18	4° 4	27°26	7°43	8°28	5°D34	6°54	24°18	n.a.
S 16	20 36 56	7°30'59	21°52	29°36	22°13	6°35	8°23	4°11	27°30	7°43	8°27	5°35	6°51	24°25	n.a.
M17	20 40 53	8°30'03	4E51	29°R39	23°17	7°15	8°28	4°17	27°33	7°43	8°25	5°36	6°48	24°32	n.a.
T 18	20 44 49	9°29'09	18° 6	29°35	24°22	7°54	8°33	4°24	27°37	7°44	8°24	5°38	6°44	24°38	n.a.
W19	20 48 46	10°28'17	1M38	29°25	25°26	8°34	8°37	4°30	27°41	7°44	8°23	5°39	6°41	24°45	n.a.
T 20	20 52 43	11°27'27	15°28	29° 6	26°32	9°13	8°42	4°37	27°44	7°45	8°22	5°R39	6°38	24°52	n.a.
F 21	20 56 39	12°26'39	29°37	28°40	27°37	9°53	8°46	4°44	27°48	7°45	8°20	5°38	6°35	24°59	n.a.
S 22	21 0 36	13°25'53	14Z 3	28° 7	28°42	10°33	8°50	4°51	27°52	7°46	8°19	5°36	6°32	25° 5	n.a.
S 23	21 4 32	14°25'09	28°42	27°25	29°48	11°12	8°54	4°57	27°55	7°47	8°18	5°34	6°29	25°12	n.a.
M24	21 8 29	15°24'27	13Z29	26°36	0E54	11°52	8°58	5° 4	27°59	7°47	8°17	5°31	6°25	25°19	n.a.
T 25	21 12 25	16°23'47	28°17	25°41	2° 1	12°32	9° 2	5°11	28° 3	7°48	8°16	5°28	6°22	25°25	n.a.
W26	21 16 22	17°23'09	12X58	24°39	3° 7	13°11	9° 5	5°18	28° 7	7°49	8°14	5°27	6°19	25°32	n.a.
T 27	21 20 19	18°22'33	27°26	23°33	4°14	13°51	9° 8	5°25	28°10	7°49	8°13	5°26	6°16	25°39	n.a.
F 28	21 24 15	19°21'59	11X34	22°23	5°21	14°31	9°11	5°32	28°14	7°50	8°12	5°D26	6°13	25°46	n.a.
S 29	21 28 12	20°21'28	25°19	21°12	6°28	15°11	9°14	5°39	28°18	7°51	8°11	5°26	6° 9	25°52	n.a.
S 30	21 32 8	21°20'59	8Y39	20° 1	7°36	15°51	9°17	5°46	28°22	7°52	8°10	5°27	6° 6	25°59	n.a.
M31	21 36 5	22Ω20'32	21Y36	18Ω52	8E43	16Ω31	9B19	5M53	28Ω26	7M52	8X 9	5X29	6X 3	26II 6	n.a.

Delta T = 10h59m07s Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [7.2.2007]

SWISS EPHEMERIS for the year 1642 BCE

SEPTEMBER 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	21 40 1	23 ^h 20 ^m 08	4 ^h 12	17 ^h R47	9 ^h 551	17 ^h Ω11	9 ^h Ω21	6 ^h η 0	28 ^h Ω29	7 ^h ♌53	8 ^h R 7	5 ^h ♋30	6 ^h ♋ 0	26 ^h ♂12	n.a.	
W 2	21 43 58	24 ^h 19'46	16 ^h 30	16 ^h Ω49	10 ^h 59	17 ^h 51	9 ^h 23	6 ^h 7	28 ^h 33	7 ^h 54	8 ^h 6	5 ^h 30	5 ^h 57	26 ^h 19	n.a.	
T 3	21 47 54	25 ^h 19'27	28 ^h 35	15 ^h 58	12 ^h 8	18 ^h 31	9 ^h 25	6 ^h 14	28 ^h 37	7 ^h 55	8 ^h 5	5 ^h R30	5 ^h 54	26 ^h 26	n.a.	
F 4	21 51 51	26 ^h 19'10	10 ^h II32	15 ^h 16	13 ^h 16	19 ^h 11	9 ^h 27	6 ^h 21	28 ^h 41	7 ^h 56	8 ^h 4	5 ^h 30	5 ^h 50	26 ^h 33	n.a.	
S 5	21 55 48	27 ^h 18'56	22 ^h 24	14 ^h 44	14 ^h 25	19 ^h 51	9 ^h 28	6 ^h 28	28 ^h 45	7 ^h 57	8 ^h 3	5 ^h 29	5 ^h 47	26 ^h 39	n.a.	
S 6	21 59 44	28 ^h 18'44	4 ^h Ω16	14 ^h 24	15 ^h 33	20 ^h 31	9 ^h 30	6 ^h 35	28 ^h 48	7 ^h 58	8 ^h 2	5 ^h 28	5 ^h 44	26 ^h 46	n.a.	
M 7	22 3 41	29 ^h 18'34	16 ^h 13	14 ^h D14	16 ^h 43	21 ^h 11	9 ^h 31	6 ^h 42	28 ^h 52	7 ^h 59	8 ^h 1	5 ^h 27	5 ^h 41	26 ^h 53	n.a.	
T 8	22 7 37	0 ^h 18'27	28 ^h 17	14 ^h 16	17 ^h 52	21 ^h 51	9 ^h 32	6 ^h 49	28 ^h 56	8 ^h 0	7 ^h 59	5 ^h 27	5 ^h 38	27 ^h 0	n.a.	
W 9	22 11 34	1 ^h 18'22	10 ^h Ω31	14 ^h 29	19 ^h 1	22 ^h 32	9 ^h 32	6 ^h 56	29 ^h 0	8 ^h 2	7 ^h 58	5 ^h 26	5 ^h 35	27 ^h 6	n.a.	
T 10	22 15 30	2 ^h 18'19	22 ^h 58	14 ^h 52	20 ^h 11	23 ^h 12	9 ^h 33	7 ^h 3	29 ^h 4	8 ^h 3	7 ^h 57	5 ^h 26	5 ^h 31	27 ^h 13	n.a.	
F 11	22 19 27	3 ^h 18'19	5 ^h η38	15 ^h 25	21 ^h 20	23 ^h 52	9 ^h 33	7 ^h 10	29 ^h 7	8 ^h 4	7 ^h 56	5 ^h D26	5 ^h 28	27 ^h 20	n.a.	
S 12	22 23 23	4 ^h 18'20	18 ^h 31	16 ^h 6	22 ^h 30	24 ^h 33	9 ^h R33	7 ^h 17	29 ^h 11	8 ^h 5	7 ^h 55	5 ^h 26	5 ^h 25	27 ^h 26	n.a.	
S 13	22 27 20	5 ^h 18'23	1 ^h Ω39	16 ^h 56	23 ^h 40	25 ^h 13	9 ^h 33	7 ^h 24	29 ^h 15	8 ^h 6	7 ^h 54	5 ^h R26	5 ^h 22	27 ^h 33	n.a.	
M 14	22 31 16	6 ^h 18'28	15 ^h 0	17 ^h 54	24 ^h 50	25 ^h 53	9 ^h 33	7 ^h 31	29 ^h 19	8 ^h 8	7 ^h 53	5 ^h 26	5 ^h 19	27 ^h 40	n.a.	
T 15	22 35 13	7 ^h 18'35	28 ^h 34	18 ^h 58	26 ^h 1	26 ^h 34	9 ^h 32	7 ^h 39	29 ^h 23	8 ^h 9	7 ^h 52	5 ^h 26	5 ^h 15	27 ^h 46	n.a.	
W 16	22 39 10	8 ^h 18'44	12 ^h η20	20 ^h 7	27 ^h 11	27 ^h 14	9 ^h 31	7 ^h 46	29 ^h 26	8 ^h 10	7 ^h 51	5 ^h 25	5 ^h 12	27 ^h 53	n.a.	
T 17	22 43 6	9 ^h 18'55	26 ^h 16	21 ^h 22	28 ^h 22	27 ^h 55	9 ^h 30	7 ^h 53	29 ^h 30	8 ^h 12	7 ^h 50	5 ^h 25	5 ^h 9	28 ^h 0	n.a.	
F 18	22 47 3	10 ^h 19'07	10 ^h ♂21	22 ^h 41	29 ^h 32	28 ^h 36	9 ^h 29	8 ^h 0	29 ^h 34	8 ^h 13	7 ^h 49	5 ^h D25	5 ^h 6	28 ^h 7	n.a.	
S 19	22 50 59	11 ^h 19'22	24 ^h 34	24 ^h 3	0 ^h Ω43	29 ^h 16	9 ^h 28	8 ^h 7	29 ^h 38	8 ^h 14	7 ^h 48	5 ^h 25	5 ^h 3	28 ^h 13	n.a.	
S 20	22 54 56	12 ^h 19'37	8 ^h Ω52	25 ^h 28	1 ^h 54	29 ^h 57	9 ^h 26	8 ^h 14	29 ^h 41	8 ^h 16	7 ^h 47	5 ^h 25	5 ^h 0	28 ^h 20	n.a.	
M 21	22 58 52	13 ^h 19'55	23 ^h 12	26 ^h 56	3 ^h 5	0 ^h η37	9 ^h 25	8 ^h 21	29 ^h 45	8 ^h 17	7 ^h 46	5 ^h 26	4 ^h 56	28 ^h 27	n.a.	
T 22	23 2 49	14 ^h 20'14	7 ^h Ω31	28 ^h 27	4 ^h 16	1 ^h 18	9 ^h 23	8 ^h 28	29 ^h 49	8 ^h 19	7 ^h 45	5 ^h 27	4 ^h 53	28 ^h 33	n.a.	
W 23	23 6 46	15 ^h 20'35	21 ^h 44	29 ^h 58	5 ^h 28	1 ^h 59	9 ^h 21	8 ^h 35	29 ^h 53	8 ^h 20	7 ^h 44	5 ^h 28	4 ^h 50	28 ^h 40	n.a.	
T 24	23 10 42	16 ^h 20'57	5 ^h ♋48	1 ^h η32	6 ^h 39	2 ^h 40	9 ^h 18	8 ^h 42	29 ^h 56	8 ^h 22	7 ^h 43	5 ^h R28	4 ^h 47	28 ^h 47	n.a.	
F 25	23 14 39	17 ^h 21'21	19 ^h 39	3 ^h 6	7 ^h 51	3 ^h 20	9 ^h 16	8 ^h 49	0 ^h η 0	8 ^h 23	7 ^h 42	5 ^h 27	4 ^h 44	28 ^h 54	n.a.	
S 26	23 18 35	18 ^h 21'47	3 ^h Υ13	4 ^h 41	9 ^h 3	4 ^h 1	9 ^h 13	8 ^h 57	0 ^h 4	8 ^h 25	7 ^h 41	5 ^h 26	4 ^h 41	29 ^h 0	n.a.	
S 27	23 22 32	19 ^h 22'15	16 ^h 28	6 ^h 17	10 ^h 14	4 ^h 42	9 ^h 10	9 ^h 4	0 ^h 7	8 ^h 27	7 ^h 41	5 ^h 25	4 ^h 37	29 ^h 7	n.a.	
M 28	23 26 28	20 ^h 22'45	29 ^h 24	7 ^h 54	11 ^h 26	5 ^h 23	9 ^h 7	9 ^h 11	0 ^h 11	8 ^h 28	7 ^h 40	5 ^h 23	4 ^h 34	29 ^h 14	n.a.	
T 29	23 30 25	21 ^h 23'17	12 ^h Ω 0	9 ^h 30	12 ^h 38	6 ^h 4	9 ^h 4	9 ^h 18	0 ^h 14	8 ^h 30	7 ^h 39	5 ^h 20	4 ^h 31	29 ^h 20	n.a.	
W 30	23 34 21	22 ^h 23'51	24 ^h Ω21	11 ^h η 7	13 ^h Ω51	6 ^h η45	9 ^h Ω 0	9 ^h η25	0 ^h η18	8 ^h η32	7 ^h Ω38	5 ^h ♋18	4 ^h ♋28	29 ^h II27	n.a.	

Delta T = 10h59m05s Julian Calendar 1 Sept. 1642 BCE == Greg. Calendar 18 Aug. 1642 BCE
 The year -1641 astronomical counting style corresponds to year 1642 B.C.E historical counting style.

OCTOBER 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
T 1	23 38 18	23 ^h η24'26	6 ^h II27	12 ^h η44	15 ^h Ω 3	7 ^h η26	8 ^h R56	9 ^h η32	0 ^h η22	8 ^h η33	7 ^h R37	5 ^h R16	4 ^h ♋25	29 ^h II34	n.a.
F 2	23 42 14	24 ^h 25'04	18 ^h 25	14 ^h 21	16 ^h 15	8 ^h 7	8 ^h Ω53	9 ^h 39	0 ^h 25	8 ^h 35	7 ^h Ω37	5 ^h ♋15	4 ^h 21	29 ^h 41	n.a.
S 3	23 46 11	25 ^h 25'44	0 ^h Ω17	15 ^h 59	17 ^h 28	8 ^h 48	8 ^h 49	9 ^h 45	0 ^h 29	8 ^h 37	7 ^h 36	5 ^h D15	4 ^h 18	29 ^h 47	n.a.
S 4	23 50 8	26 ^h 26'26	12 ^h 9	17 ^h 36	18 ^h 40	9 ^h 29	8 ^h 44	9 ^h 52	0 ^h 32	8 ^h 39	7 ^h 35	5 ^h 16	4 ^h 15	29 ^h 54	n.a.
M 5	23 54 4	27 ^h 27'09	24 ^h 6	19 ^h 13	19 ^h 53	10 ^h 11	8 ^h 40	9 ^h 59	0 ^h 36	8 ^h 40	7 ^h 34	5 ^h 18	4 ^h 12	0 ^h Ω 1	n.a.
T 6	23 58 1	28 ^h 27'54	6 ^h Ω12	20 ^h 49	21 ^h 6	10 ^h 52	8 ^h 35	10 ^h 6	0 ^h 39	8 ^h 42	7 ^h 34	5 ^h 19	4 ^h 9	0 ^h 7	n.a.
W 7	0 1 57	29 ^h 28'41	18 ^h 32	22 ^h 26	22 ^h 19	11 ^h 33	8 ^h 31	10 ^h 13	0 ^h 43	8 ^h 44	7 ^h 33	5 ^h 21	4 ^h 6	0 ^h 14	n.a.
T 8	0 5 54	0 ^h Ω29'30	1 ^h η 8	24 ^h 3	23 ^h 32	12 ^h 14	8 ^h 26	10 ^h 20	0 ^h 46	8 ^h 46	7 ^h 32	5 ^h R22	4 ^h 2	0 ^h 21	n.a.
F 9	0 9 50	1 ^h 30'20	14 ^h 3	25 ^h 39	24 ^h 45	12 ^h 56	8 ^h 20	10 ^h 27	0 ^h 50	8 ^h 48	7 ^h 32	5 ^h 22	3 ^h 59	0 ^h 28	n.a.
S 10	0 13 47	2 ^h 31'12	27 ^h 17	27 ^h 15	25 ^h 58	13 ^h 37	8 ^h 15	10 ^h 33	0 ^h 53	8 ^h 50	7 ^h 31	5 ^h 20	3 ^h 56	0 ^h 34	n.a.
S 11	0 17 43	3 ^h 32'05	10 ^h Ω50	28 ^h 51	27 ^h 11	14 ^h 19	8 ^h 10	10 ^h 40	0 ^h 56	8 ^h 52	7 ^h 30	5 ^h 17	3 ^h 53	0 ^h 41	n.a.
M 12	0 21 40	4 ^h 33'00	24 ^h 40	0 ^h Ω27	28 ^h 24	15 ^h 0	8 ^h 4	10 ^h 47	1 ^h 0	8 ^h 54	7 ^h 30	5 ^h 13	3 ^h 50	0 ^h 48	n.a.
T 13	0 25 37	5 ^h 33'56	8 ^h η42	2 ^h 2	29 ^h 38	15 ^h 42	7 ^h 58	10 ^h 54	1 ^h 3	8 ^h 56	7 ^h 29	5 ^h 8	3 ^h 46	0 ^h 54	n.a.
W 14	0 29 33	6 ^h 34'53	22 ^h 53	3 ^h 38	0 ^h η51	16 ^h 23	7 ^h 52	11 ^h 0	1 ^h 6	8 ^h 58	7 ^h 29	5 ^h 3	3 ^h 43	1 ^h 1	n.a.
T 15	0 33 30	7 ^h 35'52	7 ^h ♂ 8	5 ^h 13	2 ^h 4	17 ^h 5	7 ^h 46	11 ^h 7	1 ^h 10	9 ^h 0	7 ^h 28	4 ^h 59	3 ^h 40	1 ^h 8	n.a.
F 16	0 37 26	8 ^h 36'51	21 ^h 23	6 ^h 48	3 ^h 18	17 ^h 46	7 ^h 40	11 ^h 14	1 ^h 13	9 ^h 2	7 ^h 28	4 ^h 56	3 ^h 37	1 ^h 15	n.a.
S 17	0 41 23	9 ^h 37'51	5 ^h Ω36	8 ^h 23	4 ^h 32	18 ^h 28	7 ^h 34	11 ^h 20	1 ^h 16	9 ^h 4	7 ^h 27	4 ^h D55	3 ^h 34	1 ^h 21	n.a.
S 18	0 45 19	10 ^h 38'53	19 ^h 43	9 ^h 57	5 ^h 45	19 ^h 9	7 ^h 27	11 ^h 27	1 ^h 19	9 ^h 6	7 ^h 27	4 ^h 55	3 ^h 31	1 ^h 28	n.a.
M 19	0 49 16	11 ^h 39'55	3 ^h Ω44	11 ^h 32	6 ^h 59	19 ^h 51	7 ^h 21	11 ^h 33	1 ^h 22	9 ^h 8	7 ^h 26	4 ^h 57	3 ^h 27	1 ^h 35	n.a.
T 20	0 53 12	12 ^h 40'57	17 ^h 37	13 ^h 7	8 ^h 13	20 ^h 33	7 ^h 1								

SWISS EPHEMERIS for the year 1642 BCE

NOVEMBER 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	1 40 31	24 ⁵⁴ 41	19 ⁵⁵ 55	1 ¹⁸ 58	23 ¹⁷ 2	28 ¹⁷ 57	5°R45	12 ¹⁷ 53	2 ¹⁷ 0	9 ¹⁸ 36	7°R23	4°D 1	2 ¹⁸ 46	3 ¹⁸ 2	n.a.		
M 2	1 44 28	25°55'56	1 ¹⁸ 50	3°33	24°17	29°39	5 ¹⁸ 37	12°59	2° 3	9°38	7 ¹⁸ 23	4 ¹⁸ 1	2°43	3° 9	n.a.		
T 3	1 48 24	26°57'11	13°54	5° 8	25°31	0 ¹⁹ 21	5°29	13° 5	2° 5	9°40	7°23	4° 2	2°40	3°15	n.a.		
W 4	1 52 21	27°58'28	26°13	6°42	26°46	1° 4	5°21	13°11	2° 8	9°42	7°23	4° 3	2°37	3°22	n.a.		
T 5	1 56 17	28°59'45	8 ¹⁹ 51	8°17	28° 0	1°46	5°13	13°16	2°10	9°45	7°23	4°R 3	2°33	3°29	n.a.		
F 6	2 0 14	0 ¹⁹ 1'03	21°53	9°52	29°15	2°28	5° 5	13°22	2°13	9°47	7°D23	4° 2	2°30	3°35	n.a.		
S 7	2 4 10	1° 2'22	5 ¹⁹ 19	11°26	0 ¹⁹ 29	3°11	4°57	13°28	2°15	9°49	7°23	3°58	2°27	3°42	n.a.		
S 8	2 8 7	2° 3'41	19°11	13° 1	1°44	3°53	4°48	13°33	2°18	9°51	7°23	3°51	2°24	3°49	n.a.		
M 9	2 12 3	3° 5'00	3 ¹⁹ 25	14°36	2°58	4°36	4°40	13°39	2°20	9°54	7°23	3°42	2°21	3°55	n.a.		
T 10	2 16 0	4° 6'20	17°56	16°11	4°13	5°18	4°32	13°44	2°22	9°56	7°23	3°32	2°18	4° 2	n.a.		
W 11	2 19 57	5° 7'40	2 ¹⁹ 37	17°45	5°28	6° 1	4°24	13°49	2°25	9°58	7°23	3°22	2°14	4° 9	n.a.		
T 12	2 23 53	6° 9'01	17°20	19°19	6°43	6°43	4°16	13°55	2°27	10° 0	7°23	3°13	2°11	4°16	n.a.		
F 13	2 27 50	7°10'21	1 ²⁰ 57	20°54	7°57	7°26	4° 8	14° 0	2°29	10° 3	7°23	3° 6	2° 8	4°22	n.a.		
S 14	2 31 46	8°11'41	16°24	22°27	9°12	8° 9	4° 0	14° 5	2°31	10° 5	7°23	3° 2	2° 5	4°29	n.a.		
S 15	2 35 43	9°13'01	0 ²⁰ 36	24° 0	10°27	8°51	3°51	14°10	2°33	10° 7	7°24	3° 0	2° 2	4°36	n.a.		
M 16	2 39 39	10°14'21	14°32	25°33	11°42	9°34	3°43	14°15	2°35	10° 9	7°24	2°D59	1°58	4°42	n.a.		
T 17	2 43 36	11°15'40	28°12	27° 5	12°56	10°17	3°35	14°20	2°37	10°12	7°24	3°R 0	1°55	4°49	n.a.		
W 18	2 47 33	12°16'59	11 ²⁰ 38	28°36	14°11	11° 0	3°27	14°25	2°39	10°14	7°24	3° 0	1°52	4°56	n.a.		
T 19	2 51 29	13°18'18	24°51	0 ²¹ 5	15°26	11°42	3°19	14°29	2°41	10°16	7°25	2°57	1°49	5° 2	n.a.		
F 20	2 55 26	14°19'36	7 ²⁰ 53	1°34	16°41	12°25	3°11	14°34	2°43	10°18	7°25	2°53	1°46	5° 9	n.a.		
S 21	2 59 22	15°20'54	20°43	3° 0	17°56	13° 8	3° 4	14°39	2°44	10°21	7°25	2°45	1°43	5°16	n.a.		
S 22	3 3 19	16°22'11	3 ²¹ 24	4°25	19°10	13°51	2°56	14°43	2°46	10°23	7°26	2°34	1°39	5°23	n.a.		
M 23	3 7 15	17°23'29	15°54	5°46	20°25	14°34	2°48	14°48	2°48	10°25	7°26	2°21	1°36	5°29	n.a.		
T 24	3 11 12	18°24'46	28°14	7° 5	21°40	15°17	2°41	14°52	2°49	10°28	7°27	2° 7	1°33	5°36	n.a.		
W 25	3 15 8	19°26'03	10 ²¹ 24	8°20	22°55	16° 0	2°33	14°56	2°51	10°30	7°27	1°53	1°30	5°43	n.a.		
T 26	3 19 5	20°27'20	22°26	9°32	24°10	16°43	2°26	15° 0	2°52	10°32	7°28	1°40	1°27	5°49	n.a.		
F 27	3 23 2	21°28'37	4 ²¹ 20	10°38	25°25	17°26	2°18	15° 5	2°54	10°34	7°28	1°30	1°24	5°56	n.a.		
S 28	3 26 58	22°29'53	16° 9	11°38	26°40	18°10	2°11	15° 9	2°55	10°37	7°29	1°22	1°20	6° 3	n.a.		
S 29	3 30 55	23°31'09	27°58	12°33	27°55	18°53	2° 4	15°13	2°57	10°39	7°29	1°17	1°17	6° 9	n.a.		
M 30	3 34 51	24 ¹⁸ 32'25	9 ²¹ 50	13 ²¹ 20	29°10	19°36	1 ²¹ 57	15 ¹⁹ 17	2 ¹⁹ 58	10 ¹⁸ 41	7 ¹⁹ 30	1 ¹⁹ 14	1 ¹⁹ 14	6 ¹⁹ 16	n.a.		

Delta T = 10h59m01s Julian Calendar 1 Nov. 1642 BCE == Greg. Calendar 18 Oct. 1642 BCE
 The year -1641 astronomical counting style corresponds to year 1642 B.C.E historical counting style.

DECEMBER 1642 BCE (-1641) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	3 38 48	25 ¹⁸ 33'40	21 ¹⁹ 51	13 ²¹ 59	0 ²¹ 24	20°19	1°R50	15 ¹⁹ 20	2 ¹⁹ 59	10 ¹⁸ 43	7 ¹⁸ 30	1°R13	1 ¹⁸ 11	6 ¹⁸ 23	n.a.		
W 2	3 42 44	26°34'55	4 ¹⁹ 6	14°28	1°39	21° 3	1 ¹⁹ 43	15°24	3° 0	10°45	7°31	1 ¹⁸ 13	1° 8	6°30	n.a.		
T 3	3 46 41	27°36'10	16°40	14°48	2°54	21°46	1°36	15°28	3° 1	10°48	7°32	1°13	1° 4	6°36	n.a.		
F 4	3 50 37	28°37'24	29°38	14°R58	4° 9	22°29	1°30	15°31	3° 2	10°50	7°32	1°11	1° 1	6°43	n.a.		
S 5	3 54 34	29°38'38	13 ¹⁹ 5	14°56	5°24	23°13	1°24	15°35	3° 3	10°52	7°33	1° 6	0°58	6°50	n.a.		
S 6	3 58 31	0 ¹⁹ 39'51	27° 1	14°42	6°39	23°56	1°17	15°38	3° 4	10°54	7°34	0°58	0°55	6°56	n.a.		
M 7	4 2 27	1°41'04	11 ¹⁹ 26	14°17	7°54	24°40	1°11	15°41	3° 5	10°56	7°34	0°48	0°52	7° 3	n.a.		
T 8	4 6 24	2°42'16	26°13	13°40	9° 9	25°23	1° 5	15°45	3° 6	10°58	7°35	0°36	0°49	7°10	n.a.		
W 9	4 10 20	3°43'27	11 ¹⁹ 16	12°53	10°24	26° 7	0°59	15°48	3° 7	11° 1	7°36	0°24	0°45	7°16	n.a.		
T 10	4 14 17	4°44'38	26°24	11°56	11°39	26°50	0°54	15°51	3° 8	11° 3	7°37	0°13	0°42	7°23	n.a.		
F 11	4 18 13	5°45'47	11 ²⁰ 27	10°51	12°54	27°34	0°48	15°54	3° 8	11° 5	7°37	0° 4	0°39	7°30	n.a.		
S 12	4 22 10	6°46'55	26°15	9°40	14° 9	28°18	0°43	15°57	3° 9	11° 7	7°38	29 ¹⁹ 58	0°36	7°37	n.a.		
S 13	4 26 6	7°48'02	10 ²⁰ 43	8°25	15°24	29° 1	0°38	15°59	3°10	11° 9	7°39	29°55	0°33	7°43	n.a.		
M 14	4 30 3	8°49'08	24°49	7° 9	16°38	29°45	0°33	16° 2	3°10	11°11	7°40	29°54	0°30	7°50	n.a.		
T 15	4 34 0	9°50'12	8 ²⁰ 32	5°53	17°53	0 ²⁰ 29	0°28	16° 5	3°11	11°13	7°41	29°54	0°26	7°57	n.a.		
W 16	4 37 56	10°51'14	21°53	4°40	19° 8	1°12	0°23	16° 7	3°11	11°15	7°42	29°53	0°23	8° 3	n.a.		
T 17	4 41 53	11°52'15	4 ²⁰ 55	3°32	20°23	1°56	0°19	16° 9	3°11	11°17	7°43	29°51	0°20	8°10	n.a.		
F 18	4 45 49	12°53'15	17°43	2°30	21°38	2°40	0°14	16°12	3°12	11°19	7°44	29°47	0°17	8°17	n.a.		
S 19	4 49 46	13°54'13	0 ²¹ 17	1°36	22°53	3°24	0°10	16°14	3°12	11°21	7°45	29°40	0°14	8°23	n.a.		
S 20	4 53 42	14°55'10	12°41	0°50	24° 8	4° 8	0° 6	16°16	3°12	11°23	7°46	29°29	0°10	8°30	n.a.		
M 21	4 57 39	15°56'05	24°56	0°12	25°23	4°52	0° 3	16°18	3°12	11°25	7°47	29°17	0° 7	8°37	n.a.		
T 22	5 1 35	16°56'59	7 ²¹ 3	29 ¹⁸ 43	26°37	5°35	29 ¹⁹ 59	16°20	3°12	11°27	7°48	29° 3	0° 4	8°44	n.a.		
W 23	5 5 32	17°57'52	19° 4	29°22	27°52	6°19	29°56	16°21	3°R12	11°29	7°49	28°49	0° 1	8°50	n.a.		
T 24	5 9 29	18°58'43	1 ²¹ 0	29°10	29° 7	7° 3	29°52	16°23	3°12	11°31	7°50	28°36	29 ¹⁹ 58	8°57	n.a.		
F 25	5 13 25	19°59'33	12°51	29°D 6	0 ²¹ 22	7°47	29°49	16°25	3°12	11°33	7°51	28°26	29°55	9° 4	n.a.		
S 26	5 17 22	21° 0'22	24°40	29° 9	1°37	8°32	29°47	16°26	3°12	11°35	7°52	28°18	29°51	9°10	n.a.		
S 27	5 21 18	22° 1'09	6 ²¹ 29	29°20	2°51	9°16	29°44	16°28	3°12	11°37	7°53	28°13	29°48	9°17	n.a.		
M 28	5 25 15	23° 1'55	18°22	29°36	4° 6	10° 0	29°42	16°29	3°11	11°38	7°54	28°10	29°45	9°24	n.a.		
T 29	5 29 11	24° 2'39	0 ²¹ 23	29°59	5°21	10°44	29°39	16°30	3°11	11°40	7°55	28°D10	29°42	9°30	n.a.		
W 30	5 33 8	25° 3'22	12°36	0 ²¹ 28	6°36	11°28	29°37	16°31	3°11	11°42	7°57	28°10	29°39	9°37	n.a.		
T 31	5 37 4	26 ¹⁹ 7'40	25 ¹⁹ 6	1 ²¹ 2	7 ²¹ 51	12 ¹⁸ 12	29 ¹⁹ 36	16 ¹⁹ 32	3 ¹⁹ 10	11 ¹⁸ 44	7 ¹⁸ 58	28°R11	29 ¹⁸ 35	9 ¹⁸ 44	n.a.		

Delta T = 10h58m59s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]