

SWISS EPHEMERIS for the year 1242 BCE

JANUARY 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	5 53 55	03 6°33	0M13	17356	1358	22225	25254	1617	26R11	16R35	20R24	21R23	21M48	17Q50	n.a.
M 2	5 57 51	1° 7'18	13°24	19°10	2° 4	23°12	26° 8	16°20	26B 9	16V35	20Q23	21M17	21°45	17°57	n.a.
T 3	6 1 48	2° 8'02	27° 2	20°18	2° 7	23°59	26°23	16°24	26° 7	16°35	20°22	21° 9	21°41	18° 3	n.a.
W 4	6 5 44	3° 8'44	112 8	21°19	2°R 7	24°46	26°37	16°28	26° 5	16°35	20°21	20°58	21°38	18°10	n.a.
T 5	6 9 41	4° 9'25	25°39	22°12	2° 5	25°34	26°51	16°32	26° 3	16°35	20°20	20°46	21°35	18°17	n.a.
F 6	6 13 37	5°10'04	10326	22°57	2° 1	26°21	27° 5	16°36	26° 1	16°35	20°19	20°35	21°32	18°23	n.a.
S 7	6 17 34	6°10'41	25°23	23°33	1°54	27° 8	27°19	16°40	26° 0	16°35	20°18	20°24	21°29	18°30	n.a.
S 8	6 21 31	7°11'17	10219	24° 0	1°44	27°55	27°34	16°45	25°58	16D35	20°17	20°17	21°26	18°37	n.a.
M 9	6 25 27	8°11'51	25° 6	24°16	1°32	28°43	27°48	16°49	25°56	16°35	20°16	20°12	21°22	18°43	n.a.
T 10	6 29 24	9°12'22	9339	24R22	1°18	29°30	28° 2	16°53	25°54	16°35	20°15	20°10	21°19	18°50	n.a.
W11	6 33 20	10°12'52	23°53	24°18	1° 1	0317	28°16	16°58	25°53	16°35	20°13	20D 9	21°16	18°57	n.a.
T 12	6 37 17	11°13'19	7Y47	24° 4	0°41	1° 4	28°30	17° 2	25°51	16°35	20°12	20R10	21°13	19° 3	n.a.
F 13	6 41 13	12°13'44	21°23	23°40	0°19	1°52	28°44	17° 7	25°50	16°35	20°11	20° 9	21°10	19°10	n.a.
S 14	6 45 10	13°14'07	4841	23° 6	29355	2°39	28°58	17°12	25°48	16°35	20°10	20° 7	21° 6	19°17	n.a.
S 15	6 49 7	14°14'28	17°44	22°24	29°29	3°26	29°12	17°17	25°47	16°35	20° 9	20° 3	21° 3	19°23	n.a.
M16	6 53 3	15°14'47	0II34	21°35	29° 0	4°13	29°26	17°22	25°45	16°36	20° 7	19°56	21° 0	19°30	n.a.
T 17	6 57 0	16°15'04	13°12	20°40	28°30	5° 0	29°40	17°27	25°44	16°36	20° 6	19°46	20°57	19°37	n.a.
W18	7 0 56	17°15'19	25°40	19°40	27°58	5°48	29°54	17°32	25°42	16°36	20° 5	19°35	20°54	19°43	n.a.
T 19	7 4 53	18°15'32	7657	18°37	27°24	6°35	03 8	17°37	25°41	16°37	20° 4	19°23	20°51	19°50	n.a.
F 20	7 8 49	19°15'42	20° 6	17°33	26°49	7°22	0°22	17°43	25°40	16°37	20° 2	19°11	20°47	19°57	n.a.
S 21	7 12 46	20°15'51	2Q 1	16°29	26°13	8° 9	0°36	17°48	25°39	16°38	20° 1	19° 1	20°44	20° 3	n.a.
S 22	7 16 42	21°15'58	14° 1	15°27	25°36	8°56	0°50	17°53	25°37	16°38	19°59	18°53	20°41	20°10	n.a.
M23	7 20 39	22°16'03	25°50	14°27	24°59	9°44	1° 4	17°59	25°36	16°39	19°58	18°48	20°38	20°17	n.a.
T 24	7 24 36	23°16'06	7M38	13°32	24°21	10°31	1°17	18° 4	25°35	16°39	19°57	18°45	20°35	20°23	n.a.
W25	7 28 32	24°16'07	19°26	12°42	23°43	11°18	1°31	18°10	25°34	16°40	19°55	18D44	20°32	20°30	n.a.
T 26	7 32 29	25°16'06	1221	11°57	23° 5	12° 5	1°45	18°16	25°33	16°40	19°54	18°45	20°28	20°37	n.a.
F 27	7 36 25	26°16'03	13°25	11°19	22°28	12°52	1°58	18°22	25°32	16°41	19°52	18°46	20°25	20°43	n.a.
S 28	7 40 22	27°15'59	25°45	10°47	21°51	13°39	2°12	18°27	25°31	16°42	19°51	18R46	20°22	20°50	n.a.
S 29	7 44 18	28°15'53	8M26	10°22	21°15	14°26	2°26	18°33	25°31	16°42	19°49	18°46	20°19	20°57	n.a.
M30	7 48 15	29°15'44	21°32	10° 4	20°40	15°14	2°39	18°39	25°30	16°43	19°48	18°44	20°16	21° 3	n.a.
T 31	7 52 11	0215'35	52 6	9353	203 7	163 1	2353	18145	25229	16V44	19Q46	18M39	20M12	21Q10	n.a.

Delta T = 08h32m13s Julian Calendar 1 Jan. 1242 BCE == Greg. Calendar 21 Dec. 1243 BCE
 The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

FEBRUARY 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	7 56 8	1215'23	192 9	9D47	19R35	16348	33 6	18152	25R28	16V45	19R45	18R33	20M 9	21Q17	n.a.
T 2	8 0 5	2°15'09	3340	9349	193 5	17°35	3°19	18°58	25B28	16°45	19Q43	18M26	20° 6	21°23	n.a.
F 3	8 4 1	3°14'54	18°33	9°56	18°37	18°22	3°33	19° 4	25°27	16°46	19°42	18°19	20° 3	21°30	n.a.
S 4	8 7 58	4°14'36	3241	10° 9	18°11	19° 9	3°46	19°10	25°27	16°47	19°40	18°12	20° 0	21°37	n.a.
S 5	8 11 54	5°14'16	18°54	10°27	17°47	19°56	3°59	19°17	25°26	16°48	19°38	18° 7	19°57	21°43	n.a.
M 6	8 15 51	6°13'54	43 0	10°50	17°26	20°43	4°13	19°23	25°26	16°49	19°37	18° 5	19°53	21°50	n.a.
T 7	8 19 47	7°13'30	18°53	11°18	17° 6	21°30	4°26	19°30	25°26	16°50	19°35	18D 4	19°50	21°57	n.a.
W 8	8 23 44	8°13'03	3Y25	11°51	16°49	22°17	4°39	19°36	25°25	16°51	19°34	18° 5	19°47	22° 3	n.a.
T 9	8 27 40	9°12'34	17°33	12°28	16°35	23° 3	4°52	19°43	25°25	16°52	19°32	18° 6	19°44	22°10	n.a.
F 10	8 31 37	10°12'02	1816	13° 8	16°22	23°50	5° 5	19°49	25°25	16°53	19°30	18° 7	19°41	22°17	n.a.
S 11	8 35 34	11°11'27	14°36	13°53	16°13	24°37	5°18	19°56	25°25	16°54	19°29	18R 7	19°37	22°23	n.a.
S 12	8 39 30	12°10'51	27°35	14°41	16° 5	25°24	5°30	20° 3	25°25	16°56	19°27	18° 6	19°34	22°30	n.a.
M13	8 43 27	13°10'12	10II17	15°32	16° 1	26°11	5°43	20°10	25D25	16°57	19°26	18° 3	19°31	22°37	n.a.
T 14	8 47 23	14° 9'30	22°44	16°27	15D58	26°58	5°56	20°17	25°25	16°58	19°24	17°59	19°28	22°43	n.a.
W15	8 51 20	15° 8'46	4358	17°24	15°58	27°44	6° 9	20°23	25°25	16°59	19°22	17°54	19°25	22°50	n.a.
T 16	8 55 16	16° 8'00	17° 4	18°25	16° 1	28°31	6°21	20°30	25°25	17° 0	19°21	17°48	19°22	22°57	n.a.
F 17	8 59 13	17° 7'11	29° 2	19°27	16° 5	29°18	6°34	20°37	25°25	17° 2	19°19	17°42	19°18	23° 3	n.a.
S 18	9 3 9	18° 6'20	10Q55	20°33	16°12	02 4	6°46	20°44	25°25	17° 3	19°17	17°38	19°15	23°10	n.a.
S 19	9 7 6	19° 5'27	22°45	21°40	16°22	0°51	6°58	20°52	25°26	17° 4	19°16	17°34	19°12	23°17	n.a.
M20	9 11 3	20° 4'31	4M33	22°50	16°33	1°38	7°11	20°59	25°26	17° 6	19°14	17°32	19° 9	23°23	n.a.
T 21	9 14 59	21° 3'33	16°22	24° 3	16°47	2°24	7°23	21° 6	25°26	17° 7	19°12	17D31	19° 6	23°30	n.a.
W22	9 18 56	22° 2'34	28°14	25°17	17° 2	3°11	7°35	21°13	25°27	17° 9	19°11	17°31	19° 3	23°37	n.a.
T 23	9 22 52	23° 1'32	10213	26°33	17°20	3°57	7°47	21°20	25°27	17°10	19° 9	17°33	18°59	23°43	n.a.
F 24	9 26 49	24° 0'28	22°22	27°51	17°39	4°44	7°59	21°28	25°28	17°12	19° 7	17°34	18°56	23°50	n.a.
S 25	9 30 45	24°59'23	4II44	29°11	18° 1	5°30	8°11	21°35	25°29	17°13	19° 6	17°36	18°53	23°56	n.a.
S 26	9 34 42	25°58'15	17°25	0233	18°24	6°17	8°23	21°42	25°29	17°15	19° 4	17°37	18°50	24° 3	n.a.
M27	9 38 38	26°57'06	0226	1°57	18°49	7° 3	8°35	21°50	25°30	17°16	19° 2	17R37	18°47	24°10	n.a.
T 28	9 42 35	2725'55	13253	3223	19315	7249	8346	21157	25231	17V18	19Q 1	17M36	18M43	24Q16	n.a.

Delta T = 08h32m11s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [20.1.2005]

SWISS EPHEMERIS for the year 1242 BCE

MARCH 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
W 1	9 46 31	28 ⁵⁴ 42	27 ⁴ 46	4 ⁵⁰ 50	19 ³ 43	8 ³⁶ 36	8 ⁵⁸ 58	22 ⁴ 22	25 ³² 32	17 ¹⁹ 19	18 ⁵⁹ 59	17 ³⁵ 35	18 ⁴⁰ 40	24 ²³ 23	n.a.								
T 2	9 50 28	29 ⁵³ 27	12 ³ 6	6 ¹⁹ 19	20 ¹³ 13	9 ²² 22	9 ⁹ 9	22 ¹² 12	25 ³² 32	17 ²¹ 21	18 ⁵⁸ 58	17 ³³ 33	18 ³⁷ 37	24 ³⁰ 30	n.a.								
F 3	9 54 25	0 ⁵² 10	26 ⁵⁰ 50	7 ⁴⁹ 49	20 ⁴⁴ 44	10 ⁸ 8	9 ²¹ 21	22 ¹⁹ 19	25 ³³ 33	17 ²³ 23	18 ⁵⁶ 56	17 ³¹ 31	18 ³⁴ 34	24 ³⁶ 36	n.a.								
S 4	9 58 21	1 ⁵⁰ 52	11 ⁵¹ 51	9 ²¹ 21	21 ¹⁶ 16	10 ⁵⁵ 55	9 ³² 32	22 ²⁷ 27	25 ³⁴ 34	17 ²⁴ 24	18 ⁵⁴ 54	17 ²⁹ 29	18 ³¹ 31	24 ⁴³ 43	n.a.								
S 5	10 2 18	2 ⁴⁹ 31	27 ² 2	10 ⁵⁵ 55	21 ⁵⁰ 50	11 ⁴¹ 41	9 ⁴³ 43	22 ³⁵ 35	25 ³⁵ 35	17 ²⁶ 26	18 ⁵³ 53	17 ²⁷ 27	18 ²⁸ 28	24 ⁵⁰ 50	n.a.								
M 6	10 6 14	3 ⁴⁸ 08	12 ¹⁴ 14	12 ³⁰ 30	22 ²⁵ 25	12 ²⁷ 27	9 ⁵⁵ 55	22 ⁴² 42	25 ³⁶ 36	17 ²⁸ 28	18 ⁵¹ 51	17 ^{D27} D27	18 ²⁴ 24	24 ⁵⁶ 56	n.a.								
T 7	10 10 11	4 ⁴⁶ 44	27 ¹⁶ 16	14 ⁷ 7	23 ² 2	13 ¹³ 13	10 ⁶ 6	22 ⁵⁰ 50	25 ³⁸ 38	17 ²⁹ 29	18 ⁵⁰ 50	17 ²⁷ 27	18 ²¹ 21	25 ³ 3	n.a.								
W 8	10 14 7	5 ⁴⁵ 16	12 ¹⁷ 17	15 ⁴⁶ 46	23 ⁴⁰ 40	13 ⁵⁹ 59	10 ¹⁷ 17	22 ⁵⁷ 57	25 ³⁹ 39	17 ³¹ 31	18 ⁴⁸ 48	17 ²⁷ 27	18 ¹⁸ 18	25 ¹⁰ 10	n.a.								
T 9	10 18 4	6 ⁴³ 47	26 ²² 22	17 ²⁶ 26	24 ¹⁸ 18	14 ⁴⁵ 45	10 ²⁷ 27	23 ⁵ 5	25 ⁴⁰ 40	17 ³³ 33	18 ⁴⁶ 46	17 ²⁸ 28	18 ¹⁵ 15	25 ¹⁶ 16	n.a.								
F 10	10 22 0	7 ⁴² 15	10 ¹⁷ 17	19 ⁸ 8	24 ⁵⁸ 58	15 ³¹ 31	10 ³⁸ 38	23 ¹³ 13	25 ⁴¹ 41	17 ³⁵ 35	18 ⁴⁵ 45	17 ²⁹ 29	18 ¹² 12	25 ²³ 23	n.a.								
S 11	10 25 57	8 ⁴⁰ 42	23 ⁴⁶ 46	20 ⁵² 52	25 ³⁹ 39	16 ¹⁷ 17	10 ⁴⁹ 49	23 ²⁰ 20	25 ⁴³ 43	17 ³⁷ 37	18 ⁴³ 43	17 ³⁰ 30	18 ⁹ 9	25 ³⁰ 30	n.a.								
S 12	10 29 54	9 ³⁹ 06	6 ¹¹ 50	22 ³⁷ 37	26 ²¹ 21	17 ³ 3	10 ⁵⁹ 59	23 ²⁸ 28	25 ⁴⁴ 44	17 ³⁸ 38	18 ⁴² 42	17 ^{R30} R30	18 ⁵ 5	25 ³⁶ 36	n.a.								
M13	10 33 50	10 ³⁷ 27	19 ³¹ 31	24 ²⁴ 24	27 ⁴ 4	17 ⁴⁹ 49	11 ¹⁰ 10	23 ³⁶ 36	25 ⁴⁵ 45	17 ⁴⁰ 40	18 ⁴⁰ 40	17 ³⁰ 30	18 ² 2	25 ⁴³ 43	n.a.								
T 14	10 37 47	11 ³⁵ 47	1 ⁵⁵ 55	26 ¹² 12	27 ⁴⁸ 48	18 ³⁵ 35	11 ²⁰ 20	23 ⁴⁴ 44	25 ⁴⁷ 47	17 ⁴² 42	18 ³⁹ 39	17 ³⁰ 30	17 ⁵⁹ 59	25 ⁵⁰ 50	n.a.								
W15	10 41 43	12 ³⁴ 04	14 ⁴ 4	28 ² 2	28 ³³ 33	19 ²⁰ 20	11 ³⁰ 30	23 ⁵¹ 51	25 ⁴⁹ 49	17 ⁴⁴ 44	18 ³⁷ 37	17 ²⁹ 29	17 ⁵⁶ 56	25 ⁵⁶ 56	n.a.								
T 16	10 45 40	13 ³² 19	26 ³ 3	29 ⁵⁴ 54	29 ¹⁸ 18	20 ⁶ 6	11 ⁴⁰ 40	23 ⁵⁹ 59	25 ⁵⁰ 50	17 ⁴⁶ 46	18 ³⁶ 36	17 ²⁹ 29	17 ⁵³ 53	26 ³ 3	n.a.								
F 17	10 49 36	14 ³⁰ 32	7 ¹⁵ 55	1 ⁴⁷ 47	0 ⁵ 5	20 ⁵² 52	11 ⁵⁰ 50	24 ⁷ 7	25 ⁵² 52	17 ⁴⁸ 48	18 ³⁴ 34	17 ²⁸ 28	17 ⁴⁹ 49	26 ¹⁰ 10	n.a.								
S 18	10 53 33	15 ²⁸ 42	19 ⁴⁴ 44	3 ⁴² 42	0 ⁵² 52	21 ³⁷ 37	12 ⁰ 0	24 ¹⁵ 15	25 ⁵³ 53	17 ⁵⁰ 50	18 ³³ 33	17 ²⁸ 28	17 ⁴⁶ 46	26 ¹⁶ 16	n.a.								
S 19	10 57 29	16 ²⁶ 51	1 ¹¹ 32	5 ³⁸ 38	1 ⁴⁰ 40	22 ²³ 23	12 ¹⁰ 10	24 ²³ 23	25 ⁵⁵ 55	17 ⁵² 52	18 ³² 32	17 ²⁸ 28	17 ⁴³ 43	26 ²³ 23	n.a.								
M20	11 1 26	17 ²⁴ 58	13 ²² 22	7 ³⁷ 37	2 ²⁹ 29	23 ⁸ 8	12 ²⁰ 20	24 ³⁰ 30	25 ⁵⁷ 57	17 ⁵⁴ 54	18 ³⁰ 30	17 ²⁸ 28	17 ⁴⁰ 40	26 ³⁰ 30	n.a.								
T 21	11 5 23	18 ²³ 03	25 ¹⁶ 16	9 ³⁶ 36	3 ¹⁹ 19	23 ⁵⁴ 54	12 ²⁹ 29	24 ³⁸ 38	25 ⁵⁹ 59	17 ⁵⁶ 56	18 ²⁹ 29	17 ²⁸ 28	17 ³⁷ 37	26 ³⁶ 36	n.a.								
W22	11 9 19	19 ²¹ 06	7 ¹² 17	11 ³⁸ 38	4 ⁹ 9	24 ³⁹ 39	12 ³⁹ 39	24 ⁴⁶ 46	26 ¹ 1	17 ⁵⁸ 58	18 ²⁷ 27	17 ²⁸ 28	17 ³⁴ 34	26 ⁴³ 43	n.a.								
T 23	11 13 16	20 ¹⁹ 07	19 ²⁶ 26	13 ⁴⁰ 40	5 ⁰ 0	25 ²⁵ 25	12 ⁴⁸ 48	24 ⁵⁴ 54	26 ² 2	18 ⁰ 0	18 ²⁶ 26	17 ²⁷ 27	17 ³⁰ 30	26 ⁵⁰ 50	n.a.								
F 24	11 17 12	21 ¹⁷ 07	1 ¹⁴ 46	15 ⁴⁵ 45	5 ⁵¹ 51	26 ¹⁰ 10	12 ⁵⁷ 57	25 ² 2	26 ⁴ 4	18 ² 2	18 ²⁵ 25	17 ²⁷ 27	17 ²⁷ 27	26 ⁵⁶ 56	n.a.								
S 25	11 21 9	22 ¹⁵ 05	14 ¹⁸ 18	17 ⁵⁰ 50	6 ⁴³ 43	26 ⁵⁶ 56	13 ⁶ 6	25 ¹⁰ 10	26 ⁶ 6	18 ⁴ 4	18 ²³ 23	17 ²⁶ 26	17 ²⁴ 24	27 ³ 3	n.a.								
S 26	11 25 5	23 ¹³ 02	27 ⁵ 5	19 ⁵⁷ 57	7 ³⁶ 36	27 ⁴¹ 41	13 ¹⁵ 15	25 ¹⁸ 18	26 ⁸ 8	18 ⁶ 6	18 ²² 22	17 ²⁶ 26	17 ²¹ 21	27 ¹⁰ 10	n.a.								
M27	11 29 2	24 ¹⁰ 57	10 ¹⁷ 10	22 ⁵ 5	8 ³⁰ 30	28 ²⁶ 26	13 ²⁴ 24	25 ²⁵ 25	26 ¹⁰ 10	18 ⁸ 8	18 ²¹ 21	17 ²⁵ 25	17 ¹⁸ 18	27 ¹⁶ 16	n.a.								
T 28	11 32 58	25 ⁸ 51	23 ³⁵ 35	24 ¹³ 13	9 ²⁴ 24	29 ¹¹ 11	13 ³³ 33	25 ³³ 33	26 ¹³ 13	18 ¹⁰ 10	18 ²⁰ 20	17 ^{D25} D25	17 ¹⁴ 14	27 ²³ 23	n.a.								
W29	11 36 55	26 ⁶ 43	7 ²³ 20	26 ²³ 23	10 ¹⁸ 18	29 ⁵⁶ 56	13 ⁴¹ 41	25 ⁴¹ 41	26 ¹⁵ 15	18 ¹² 12	18 ¹⁸ 18	17 ²⁵ 25	17 ¹¹ 11	27 ²⁹ 29	n.a.								
T 30	11 40 51	27 ⁴ 34	21 ²⁷ 27	28 ³² 32	11 ¹³ 13	0 ⁴¹ 41	13 ⁵⁰ 50	25 ⁴⁹ 49	26 ¹⁷ 17	18 ¹⁴ 14	18 ¹⁷ 17	17 ²⁶ 26	17 ⁸ 8	27 ³⁶ 36	n.a.								
F 31	11 44 48	28 ⁴ 24	5 ⁵⁵ 53	0 ⁴² 42	12 ⁵⁵ 53	1 ⁴² 42	13 ⁵⁸ 58	25 ⁴⁷ 47	26 ¹⁹ 19	18 ¹⁶ 16	18 ¹⁶ 16	17 ²⁷ 27	17 ¹¹ 11	27 ⁴³ 43	n.a.								

Delta T = 08h32m10s Julian Calendar 1 March 1242 BCE == Greg. Calendar 18 Feb. 1242 BCE
 The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

APRIL 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
S 1	11 48 45	29 ⁴ 12	20 ³⁶ 36	2 ⁵³ 53	13 ⁵⁵ 53	2 ¹¹ 11	14 ³ 6	26 ⁴ 5	26 ²² 22	18 ¹⁹ 19	18 ^{R15} R15	17 ²⁷ 27	17 ² 2	27 ⁴⁹ 49	n.a.								
S 2	11 52 41	29 ⁵⁷ 59	5 ³¹ 31	5 ² 2	14 ¹ 1	2 ⁵⁶ 56	14 ¹⁴ 14	26 ¹³ 13	26 ²⁴ 24	18 ²¹ 21	18 ¹⁴ 14	17 ²⁸ 28	16 ⁵⁹ 59	27 ⁵⁶ 56	n.a.								
M 3	11 56 38	0 ⁵⁵ 44	20 ³¹ 31	7 ¹¹ 11	14 ⁵⁸ 58	3 ⁴¹ 41	14 ²² 22	26 ²¹ 21	26 ²⁶ 26	18 ²³ 23	18 ¹² 12	17 ^{R28} R28	16 ⁵⁵ 55	28 ³ 3	n.a.								
T 4	12 0 34	1 ⁵³ 28	5 ¹⁷ 27	9 ²⁰ 20	15 ⁵⁵ 55	4 ²⁶ 26	14 ³⁰ 30	26 ²⁸ 28	26 ²⁹ 29	18 ²⁵ 25	18 ¹¹ 11	17 ²⁸ 28	16 ⁵² 52	28 ⁹ 9	n.a.								
W 5	12 4 31	2 ⁵¹ 11	20 ¹⁰ 10	11 ²⁷ 27	16 ⁵³ 53	5 ¹¹ 11	14 ³⁸ 38	26 ³⁶ 36	26 ³¹ 31	18 ²⁷ 27	18 ¹⁰ 10	17 ²⁷ 27	16 ⁴⁹ 49	28 ¹⁶ 16	n.a.								
T 6	12 8 27	3 ⁴⁸ 51	4 ³ 36	13 ³² 32	17 ⁵¹ 51	5 ⁵⁶ 56	14 ⁴⁵ 45	26 ⁴⁴ 44	26 ³⁴ 34	18 ²⁹ 29	18 ⁹ 9	17 ²⁵ 25	16 ⁴⁶ 46	28 ²³ 23	n.a.								
F 7	12 12 24	4 ⁴⁶ 31	18 ³⁷ 37	15 ³⁶ 36	18 ⁴⁹ 49	6 ⁴⁰ 40	14 ⁵² 52	26 ⁵² 52	26 ³⁶ 36	18 ³² 32	18 ⁸ 8	17 ²² 22	16 ⁴³ 43	28 ²⁹ 29	n.a.								
S 8	12 16 20	5 ⁴⁴ 08	2 ¹¹ 13	17 ³⁸ 38	19 ⁴⁸ 48	7 ²⁵ 25	15 ⁰ 0	27 ⁰ 0	26 ³⁹ 39	18 ³⁴ 34	18 ⁷ 7	17 ²⁰ 20	16 ⁴⁰ 40	28 ³⁶ 36	n.a.								
S 9	12 20 17	6 ⁴¹ 44	15 ²³ 23	19 ³⁸ 38	20 ⁴⁷ 47	8 ⁹ 9	15 ⁷ 7	27 ⁸ 8	26 ⁴¹ 41	18 ³⁶ 36	18 ⁶ 6	17 ¹⁸ 18	16 ³⁶ 36	28 ⁴³ 43	n.a.								
M10	12 24 14	7 ³⁹ 19	28 ⁸ 8	21 ³⁶ 36	21 ⁴⁷ 47	8 ⁵⁴ 54	15 ¹⁴ 14	27 ¹⁵ 15	26 ⁴⁴ 44	18 ³⁸ 38	18 ⁵ 5	17 ¹⁷ 17	16 ³³ 33	28 ⁴⁹ 49	n.a.								
T 11	12 28 10	8 ³⁶ 52	10 ³⁴ 34	23 ³¹ 31	22 ⁴⁷ 47	9 ³⁸ 38	15 ²⁰ 20																

SWISS EPHEMERIS for the year 1242 BCE

MAY 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
M 1	13 47 1	27°43'34	29°28'	21°11'	13°41'	24°15'	17°31'	29°55'	27°46'	19°25'	17°52'	16°55'	15°26'	1°9'	n.a.
T 2	13 50 58	28°40'46	14°4'	21°58'	14°46'	24°59'	17°5'	0°2'	27°49'	19°27'	17°52'	16°53'	15°23'	1°16'	n.a.
W 3	13 54 54	29°37'58	28°33'	22°41'	15°51'	25°42'	17°8'	0°9'	27°53'	19°30'	17°52'	16°49'	15°20'	1°22'	n.a.
T 4	13 58 51	0°35'09	12°49'	23°20'	16°56'	26°25'	17°11'	0°16'	27°56'	19°32'	17°51'	16°43'	15°17'	1°29'	n.a.
F 5	14 2 47	1°32'20	26°45'	23°55'	18°2'	27°8'	17°13'	0°23'	27°59'	19°34'	17°51'	16°36'	15°14'	1°36'	n.a.
S 6	14 6 44	2°29'29	10°19'	24°25'	19°7'	27°51'	17°16'	0°30'	28°3'	19°36'	17°51'	16°28'	15°11'	1°42'	n.a.
S 7	14 10 40	3°26'38	23°30'	24°52'	20°13'	28°34'	17°18'	0°38'	28°6'	19°38'	17°51'	16°22'	15°7'	1°49'	n.a.
M 8	14 14 37	4°23'47	6°31'	25°14'	21°19'	29°17'	17°20'	0°45'	28°9'	19°41'	17°51'	16°17'	15°4'	1°56'	n.a.
T 9	14 18 34	5°20'54	18°44'	25°31'	22°25'	0°0'	17°22'	0°52'	28°13'	19°43'	17°51'	16°13'	15°1'	2°2'	n.a.
W10	14 22 30	6°18'01	0°53'	25°44'	23°32'	0°42'	17°24'	0°59'	28°16'	19°45'	17°51'	16°12'	14°58'	2°9'	n.a.
T 11	14 26 27	7°15'08	12°51'	25°52'	24°38'	1°25'	17°26'	1°5'	28°20'	19°47'	17°51'	16°D12	14°55'	2°15'	n.a.
F 12	14 30 23	8°12'13	24°41'	25°R56	25°45'	2°8'	17°27'	1°12'	28°23'	19°49'	17°51'	16°13'	14°51'	2°22'	n.a.
S 13	14 34 20	9°9'18	6°30'	25°56'	26°51'	2°50'	17°28'	1°19'	28°27'	19°51'	17°51'	16°14'	14°48'	2°29'	n.a.
S 14	14 38 16	10°6'23	18°21'	25°50'	27°58'	3°33'	17°29'	1°26'	28°30'	19°54'	17°51'	16°R14	14°45'	2°35'	n.a.
M15	14 42 13	11°3'26	0°20'	25°41'	29°5'	4°15'	17°30'	1°33'	28°34'	19°56'	17°51'	16°13'	14°42'	2°42'	n.a.
T 16	14 46 9	12°0'30	12°31'	25°27'	0°12'	4°58'	17°31'	1°39'	28°37'	19°58'	17°51'	16°10'	14°39'	2°49'	n.a.
W17	14 50 6	12°57'33	24°55'	25°9'	1°19'	5°40'	17°31'	1°46'	28°41'	20°0'	17°51'	16°4'	14°36'	2°55'	n.a.
T 18	14 54 3	13°54'36	7°35'	24°47'	2°27'	6°22'	17°31'	1°52'	28°44'	20°2'	17°52'	15°57'	14°32'	3°2'	n.a.
F 19	14 57 59	14°51'39	20°32'	24°22'	3°34'	7°4'	17°R31	1°59'	28°48'	20°4'	17°52'	15°48'	14°29'	3°9'	n.a.
S 20	15 1 56	15°48'41	3°44'	23°54'	4°42'	7°46'	17°31'	2°5'	28°51'	20°6'	17°52'	15°38'	14°26'	3°15'	n.a.
S 21	15 5 52	16°45'44	17°10'	23°23'	5°49'	8°28'	17°31'	2°12'	28°55'	20°8'	17°53'	15°28'	14°23'	3°22'	n.a.
M22	15 9 49	17°42'47	0°49'	22°49'	6°57'	9°10'	17°31'	2°18'	28°58'	20°10'	17°53'	15°20'	14°20'	3°29'	n.a.
T 23	15 13 45	18°39'50	14°36'	22°15'	8°5'	9°52'	17°30'	2°24'	29°2'	20°12'	17°53'	15°13'	14°16'	3°35'	n.a.
W24	15 17 42	19°36'54	28°32'	21°39'	9°13'	10°34'	17°29'	2°31'	29°6'	20°14'	17°54'	15°9'	14°13'	3°42'	n.a.
T 25	15 21 38	20°33'58	12°34'	21°2'	10°22'	11°16'	17°28'	2°37'	29°9'	20°16'	17°54'	15°7'	14°10'	3°49'	n.a.
F 26	15 25 35	21°31'02	26°40'	20°26'	11°30'	11°58'	17°27'	2°43'	29°13'	20°18'	17°55'	15°D 7	14°7'	3°55'	n.a.
S 27	15 29 32	22°28'06	10°51'	19°50'	12°38'	12°39'	17°25'	2°49'	29°16'	20°20'	17°55'	15°R 8	14°4'	4°2'	n.a.
S 28	15 33 28	23°25'11	25°4'	19°16'	13°47'	13°21'	17°23'	2°55'	29°20'	20°22'	17°56'	15°7'	14°1'	4°8'	n.a.
M29	15 37 25	24°22'17	9°17'	18°44'	14°55'	14°3'	17°22'	3°1'	29°24'	20°24'	17°56'	15°5'	13°57'	4°15'	n.a.
T 30	15 41 21	25°19'23	23°28'	18°15'	16°4'	14°44'	17°19'	3°7'	29°27'	20°26'	17°57'	15°1'	13°54'	4°22'	n.a.
W31	15 45 18	26°16'29	7°34'	17°48'	17°13'	15°25'	17°17'	3°13'	29°31'	20°28'	17°58'	14°54'	13°51'	4°28'	n.a.

Delta T = 08h32m06s Julian Calendar 1 May 1242 BCE == Greg. Calendar 20 Apr. 1242 BCE
 The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

JUNE 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	15 49 14	27°13'36	21°29'	17°R25	18°22'	16°V 7	17°R15	3°V18	29°35'	20°V30	17°58'	14°R44	13°48'	4°35'	n.a.
F 2	15 53 11	28°10'43	5°11'	17°8'	19°31'	16°48'	17°312	3°24'	29°38'	20°32'	17°59'	14°33'	13°45'	4°42'	n.a.
S 3	15 57 7	29°7'51	18°32'	16°52'	20°40'	17°29'	17°9'	3°30'	29°42'	20°34'	18°0'	14°21'	13°42'	4°48'	n.a.
S 4	16 1 4	0°11'49	1°35'	16°42'	21°49'	18°10'	17°6'	3°35'	29°45'	20°35'	18°1'	14°10'	13°38'	4°55'	n.a.
M 5	16 5 1	1°2'07	14°18'	16°D37	22°58'	18°51'	17°3'	3°41'	29°49'	20°37'	18°1'	14°1'	13°35'	5°2'	n.a.
T 6	16 8 57	1°59'16	26°42'	16°37'	24°8'	19°32'	17°0'	3°46'	29°53'	20°39'	18°2'	13°54'	13°32'	5°8'	n.a.
W 7	16 12 54	2°56'25	8°51'	16°42'	25°17'	20°13'	16°56'	3°51'	29°56'	20°41'	18°3'	13°50'	13°29'	5°15'	n.a.
T 8	16 16 50	3°53'34	20°47'	16°53'	26°27'	20°54'	16°53'	3°57'	0°11'0	20°43'	18°4'	13°48'	13°26'	5°22'	n.a.
F 9	16 20 47	4°50'43	2°38'	17°9'	27°36'	21°35'	16°49'	4°2'	0°4'	20°44'	18°5'	13°D47	13°22'	5°28'	n.a.
S 10	16 24 43	5°47'53	14°26'	17°31'	28°46'	22°16'	16°45'	4°7'	0°7'	20°46'	18°6'	13°R47	13°19'	5°35'	n.a.
S 11	16 28 40	6°45'03	26°19'	17°58'	29°56'	22°56'	16°40'	4°12'	0°11'	20°48'	18°7'	13°47'	13°16'	5°42'	n.a.
M12	16 32 36	7°42'13	8°21'	18°31'	1°8'	23°37'	16°36'	4°17'	0°14'	20°49'	18°8'	13°45'	13°13'	5°48'	n.a.
T 13	16 36 33	8°39'24	20°37'	19°10'	2°16'	24°17'	16°32'	4°22'	0°18'	20°51'	18°9'	13°41'	13°10'	5°55'	n.a.
W14	16 40 30	9°36'36	3°11'	19°54'	3°26'	24°58'	16°27'	4°27'	0°22'	20°53'	18°10'	13°34'	13°7'	6°1'	n.a.
T 15	16 44 26	10°33'48	16°4'	20°43'	4°36'	25°38'	16°22'	4°31'	0°25'	20°54'	18°11'	13°25'	13°3'	6°8'	n.a.
F 16	16 48 23	11°31'01	29°19'	21°38'	5°46'	26°18'	16°17'	4°36'	0°29'	20°56'	18°12'	13°14'	13°0'	6°15'	n.a.
S 17	16 52 19	12°28'15	12°53'	22°38'	6°56'	26°58'	16°12'	4°40'	0°32'	20°57'	18°13'	13°2'	12°57'	6°21'	n.a.
S 18	16 56 16	13°25'30	26°44'	23°44'	8°7'	27°39'	16°6'	4°45'	0°36'	20°59'	18°15'	12°50'	12°54'	6°28'	n.a.
M19	17 0 12	14°22'45	10°47'	24°54'	9°17'	28°19'	16°1'	4°49'	0°40'	21°0'	18°16'	12°40'	12°51'	6°35'	n.a.
T 20	17 4 9	15°20'02	24°59'	26°10'	10°28'	28°59'	15°55'	4°54'	0°43'	21°2'	18°17'	12°32'	12°48'	6°41'	n.a.
W21	17 8 5	16°17'20	9°14'	27°30'	11°38'	29°39'	15°49'	4°58'	0°47'	21°3'	18°18'	12°27'	12°44'	6°48'	n.a.
T 22	17 12 2	17°14'39	23°29'	28°55'	12°49'	0°18'	15°43'	5°2'	0°50'	21°5'	18°20'	12°24'	12°41'	6°55'	n.a.
F 23	17 15 59	18°11'59	7°41'	0°11'25	14°0'	0°58'	15°37'	5°6'	0°54'	21°6'	18°21'	12°23'	12°38'	7°1'	n.a.
S 24	17 19 55	19°9'21	21°48'	1°59'	15°11'	1°38'	15°31'	5°10'	0°57'	21°8'	18°22'	12°23'	12°35'	7°8'	n.a.
S 25	17 23 52	20°6'44	5°50'	3°38'	16°22'	2°18'	15°25'	5°14'	1°1'	21°9'	18°24'	12°23'	12°32'	7°15'	n.a.
M26	17 27 48	21°4'09	19°46'	5°20'	17°33'	2°57'	15°18'	5°17'	1°4'	21°10'	18°25'	12°21'	12°28'	7°21'	n.a.
T 27	17 31 45	22°1'34	3°35'	7°5'	18°44'	3°37'	15°12'	5°21'	1°8'	21°12'	18°27'	12°16'	12°25'	7°28'	n.a.
W28	17 35 41	22°59'02	17°16'	8°54'	19°55'	4°16'	15°5'	5°25'	1°11'	21°13'	18°28'	12°8'	12°22'	7°35'	n.a.
T 29	17 39 38	23°56'31	0°11'47	10°46'	21°6'	4°55'	14°58'	5°28'	1°15'	21°14'	18°30'	11°58'	12°19'	7°41'	n.a.
F 30	17 43 34	24°54'01	14°11'5	12°11'41	22°17'	5°35'	14°52'	5°32'	1°18'	21°15'	18°31'	11°46'	12°16'	7°48'	n.a.

Delta T = 08h32m04s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [20.1.2005]

SWISS EPHEMERIS for the year 1242 BCE

JULY 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	17 47 31	25II51'32	27II 9	14II38	23R29	6R14	14°R45	5Y35	1II21	21Y17	18R33	11°R34	12R13	7R54	n.a.
S 2	17 51 28	26°49'05	9R57	16°36	24°40	6°53	14R37	5°38	1°25	21°18	18°34	11R22	12° 9	8° 1	n.a.
M 3	17 55 24	27°46'39	22°29	18°36	25°52	7°32	14°30	5°41	1°28	21°19	18°36	11°12	12° 6	8° 8	n.a.
T 4	17 59 21	28°44'15	4R47	20°38	27° 3	8°11	14°23	5°44	1°31	21°20	18°38	11° 5	12° 3	8°14	n.a.
W 5	18 3 17	29°41'51	16°51	22°40	28°15	8°50	14°16	5°47	1°35	21°21	18°39	11° 0	12° 0	8°21	n.a.
T 6	18 7 14	0R39'29	28°45	24°42	29°27	9°29	14° 8	5°50	1°38	21°22	18°41	10°57	11°57	8°28	n.a.
F 7	18 11 10	1°37'08	10R34	26°45	0II38	10° 7	14° 1	5°53	1°41	21°23	18°43	10°D57	11°54	8°34	n.a.
S 8	18 15 7	2°34'48	22°21	28°47	1°50	10°46	13°53	5°55	1°45	21°24	18°44	10°57	11°50	8°41	n.a.
S 9	18 19 3	3°32'29	4R14	0R50	3° 2	11°24	13°46	5°58	1°48	21°25	18°46	10°R57	11°47	8°48	n.a.
M10	18 23 0	4°30'12	16°16	2°51	4°14	12° 3	13°38	6° 0	1°51	21°26	18°48	10°56	11°44	8°54	n.a.
T 11	18 26 57	5°27'55	28°33	4°52	5°26	12°41	13°30	6° 2	1°54	21°27	18°50	10°54	11°41	9° 1	n.a.
W12	18 30 53	6°25'40	11R10	6°53	6°38	13°19	13°22	6° 5	1°57	21°28	18°51	10°49	11°38	9° 8	n.a.
T 13	18 34 50	7°23'27	24°10	8°52	7°50	13°58	13°15	6° 7	2° 0	21°29	18°53	10°42	11°34	9°14	n.a.
F 14	18 38 46	8°21'15	7R34	10°50	9° 3	14°36	13° 7	6° 9	2° 4	21°29	18°55	10°33	11°31	9°21	n.a.
S 15	18 42 43	9°19'04	21°23	12°47	10°15	15°14	12°59	6°11	2° 7	21°30	18°57	10°24	11°28	9°28	n.a.
S 16	18 46 39	10°16'56	5R34	14°43	11°27	15°52	12°51	6°12	2°10	21°31	18°59	10°14	11°25	9°34	n.a.
M17	18 50 36	11°14'48	20° 1	16°38	12°40	16°30	12°43	6°14	2°13	21°32	19° 1	10° 6	11°22	9°41	n.a.
T 18	18 54 32	12°12'43	4R37	18°31	13°52	17° 7	12°35	6°16	2°16	21°32	19° 3	9°59	11°19	9°47	n.a.
W19	18 58 29	13°10'39	19°17	20°23	15° 5	17°45	12°28	6°17	2°19	21°33	19° 5	9°55	11°15	9°54	n.a.
T 20	19 2 26	14° 8'37	3R53	22°14	16°17	18°23	12°20	6°19	2°22	21°33	19° 7	9°D54	11°12	10° 1	n.a.
F 21	19 6 22	15° 6'37	18°21	24° 4	17°30	19° 0	12°12	6°20	2°25	21°34	19° 9	9°54	11° 9	10° 7	n.a.
S 22	19 10 19	16° 4'40	2Y37	25°52	18°43	19°38	12° 4	6°21	2°27	21°35	19°11	9°55	11° 6	10°14	n.a.
S 23	19 14 15	17° 2'44	16°40	27°39	19°56	20°15	11°56	6°22	2°30	21°35	19°13	9°R55	11° 3	10°21	n.a.
M24	19 18 12	18° 0'50	0R29	29°25	21° 8	20°52	11°48	6°23	2°33	21°36	19°15	9°54	11° 0	10°27	n.a.
T 25	19 22 8	18°58'59	14° 4	1R10	22°21	21°30	11°40	6°24	2°36	21°36	19°17	9°52	10°56	10°34	n.a.
W26	19 26 5	19°57'10	27°26	2°53	23°34	22° 7	11°33	6°24	2°39	21°36	19°19	9°47	10°53	10°41	n.a.
T 27	19 30 1	20°55'23	10II35	4°35	24°47	22°44	11°25	6°25	2°41	21°37	19°21	9°40	10°50	10°47	n.a.
F 28	19 33 58	21°53'38	23°31	6°16	26° 1	23°21	11°17	6°26	2°44	21°37	19°23	9°32	10°47	10°54	n.a.
S 29	19 37 55	22°51'55	6R14	7°56	27°14	23°57	11°10	6°26	2°47	21°38	19°25	9°24	10°44	11° 1	n.a.
S 30	19 41 51	23°50'14	18°44	9°34	28°27	24°34	11° 2	6°26	2°49	21°38	19°27	9°16	10°40	11° 7	n.a.
M31	19 45 48	24R48'35	1R 3	11R11	29II40	25R11	10R55	6Y26	2II52	21Y38	19R29	9R 9	10R37	11R14	n.a.

Delta T = 08h32m03s Julian Calendar 1 July 1242 BCE == Greg. Calendar 20 June 1242 BCE

The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

AUGUST 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	19 49 44	25R46'58	13R10	12R47	0R54	25R47	10°R47	6°R26	2II54	21Y38	19R31	9°R 4	10R34	11R21	n.a.
W 2	19 53 41	26°45'23	25° 7	14°22	2° 7	26°24	10R40	6Y26	2°57	21°38	19°34	9R 1	10°31	11°27	n.a.
T 3	19 57 37	27°43'50	6R58	15°56	3°21	27° 0	10°33	6°26	2°59	21°39	19°36	8°D59	10°28	11°34	n.a.
F 4	20 1 34	28°42'18	18°45	17°29	4°34	27°36	10°26	6°26	3° 2	21°39	19°38	9° 0	10°25	11°40	n.a.
S 5	20 5 30	29°40'49	0R31	19° 0	5°48	28°12	10°19	6°25	3° 4	21°39	19°40	9° 1	10°21	11°47	n.a.
S 6	20 9 27	0R39'21	12°22	20°31	7° 1	28°48	10°12	6°25	3° 6	21°39	19°42	9° 3	10°18	11°54	n.a.
M 7	20 13 24	1°37'55	24°23	22° 0	8°15	29°24	10° 5	6°24	3° 9	21°R39	19°44	9° 4	10°15	12° 0	n.a.
T 8	20 17 20	2°36'31	6R38	23°28	9°29	0II 0	9°58	6°24	3°11	21°39	19°47	9°R 4	10°12	12° 7	n.a.
W 9	20 21 17	3°35'09	19°13	24°55	10°43	0°36	9°52	6°23	3°13	21°39	19°49	9° 3	10° 9	12°14	n.a.
T 10	20 25 13	4°33'48	2R11	26°21	11°56	1°11	9°45	6°22	3°15	21°39	19°51	9° 0	10° 5	12°20	n.a.
F 11	20 29 10	5°32'30	15°36	27°45	13°10	1°47	9°39	6°21	3°17	21°39	19°53	8°56	10° 2	12°27	n.a.
S 12	20 33 6	6°31'13	29°28	29° 9	14°24	2°22	9°32	6°20	3°20	21°38	19°56	8°52	9°59	12°34	n.a.
S 13	20 37 3	7°29'58	13R46	0R31	15°38	2°57	9°26	6°18	3°22	21°38	19°58	8°47	9°56	12°40	n.a.
M14	20 40 59	8°28'45	28°26	1°52	16°52	3°32	9°20	6°17	3°24	21°38	20° 0	8°43	9°53	12°47	n.a.
T 15	20 44 56	9°27'35	13R20	3°11	18° 6	4° 7	9°14	6°16	3°26	21°38	20° 2	8°40	9°50	12°54	n.a.
W16	20 48 53	10°26'26	28°22	4°29	19°20	4°42	9° 9	6°14	3°27	21°37	20° 5	8°38	9°46	13° 0	n.a.
T 17	20 52 49	11°25'20	13R21	5°46	20°35	5°17	9° 3	6°12	3°29	21°37	20° 7	8°D38	9°43	13° 7	n.a.
F 18	20 56 46	12°24'16	28°10	7° 1	21°49	5°52	8°58	6°11	3°31	21°37	20° 9	8°38	9°40	13°13	n.a.
S 19	21 0 42	13°23'14	12Y44	8°14	23° 3	6°26	8°53	6° 9	3°33	21°36	20°12	8°40	9°37	13°20	n.a.
S 20	21 4 39	14°22'15	26°58	9°26	24°17	7° 1	8°48	6° 7	3°35	21°36	20°14	8°41	9°34	13°27	n.a.
M21	21 8 35	15°21'18	10R52	10°36	25°32	7°35	8°43	6° 5	3°36	21°36	20°16	8°R42	9°31	13°33	n.a.
T 22	21 12 32	16°20'24	24°24	11°45	26°46	8° 9	8°38	6° 2	3°38	21°35	20°19	8°42	9°27	13°40	n.a.
W23	21 16 28	17°19'32	7II36	12°51	28° 1	8°43	8°33	6° 0	3°39	21°35	20°21	8°41	9°24	13°47	n.a.
T 24	21 20 25	18°18'43	20°31	13°55	29°15	9°17	8°29	5°58	3°41	21°34	20°23	8°39	9°21	13°53	n.a.
F 25	21 24 22	19°17'56	3R10	14°56	0R30	9°51	8°25	5°55	3°42	21°33	20°25	8°36	9°18	14° 0	n.a.
S 26	21 28 18	20°17'12	15°36	15°56	1°44	10°25	8°21	5°53	3°44	21°33	20°28	8°33	9°15	14° 7	n.a.
S 27	21 32 15	21°16'30	27°50	16°52	2°59	10°58	8°17	5°50	3°45	21°32	20°30	8°30	9°11	14°13	n.a.
M28	21 36 11	22°15'50	9R55	17°45	4°14	11°32	8°13	5°47	3°47	21°32	20°32	8°28	9° 8	14°20	n.a.
T 29	21 40 8	23°15'12	21°52	18°36	5°28	12° 5	8° 9	5°44	3°48	21°31	20°35	8°26	9° 5	14°27	n.a.
W30	21 44 4	24°14'37	3R43	19°22	6°43	12°38	8° 6	5°41	3°49	21°30	20°37	8°D26	9° 2	14°33	n.a.
T 31	21 48 1	25R14'04	15R31	20R 5	7R58	13II11	8R 3	5Y38	3II50	21Y29	20R39	8R26	8R59	14R40	n.a.

Delta T = 08h32m01s

Julian Calendar

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SWISS EPHEMERIS for the year 1242 BCE

SEPTEMBER 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	21 51 57	26♌13'32	27♍17	20♎43	9♏13	13♐44	8°R 0	5°R35	3♑51	21°R29	20♒42	8♓26	8♓56	14♔47	n.a.
S 2	21 55 54	27°13'03	9♎ 5	21°17	10°28	14°16	7♒57	5°V32	3°53	21°V28	20°44	8°27	8°52	14°53	n.a.
S 3	21 59 51	28°12'36	20°58	21°46	11°43	14°49	7°55	5°28	3°54	21°27	20°46	8°28	8°49	15° 0	n.a.
M 4	22 3 47	29°12'11	3♏.0	22° 9	12°57	15°21	7°52	5°25	3°55	21°26	20°49	8°29	8°46	15° 6	n.a.
T 5	22 7 44	0♐11'47	15°14	22°27	14°12	15°54	7°50	5°21	3°55	21°25	20°51	8°30	8°43	15°13	n.a.
W 6	22 11 40	1°11'26	27°45	22°38	15°27	16°26	7°48	5°18	3°56	21°24	20°53	8°R30	8°40	15°20	n.a.
T 7	22 15 37	2°11'07	10♑37	22°R41	16°42	16°58	7°46	5°14	3°57	21°23	20°55	8°30	8°37	15°26	n.a.
F 8	22 19 33	3°10'49	23°54	22°37	17°58	17°29	7°45	5°10	3°58	21°22	20°58	8°30	8°33	15°33	n.a.
S 9	22 23 30	4°10'34	7♒38	22°26	19°13	18° 1	7°43	5° 7	3°59	21°21	21° 0	8°30	8°30	15°40	n.a.
S 10	22 27 26	5°10'20	21°50	22° 5	20°28	18°32	7°42	5° 3	3°59	21°20	21° 2	8°29	8°27	15°46	n.a.
M11	22 31 23	6°10'08	6♓26	21°36	21°43	19° 3	7°41	4°59	4° 0	21°19	21° 4	8°29	8°24	15°53	n.a.
T 12	22 35 20	7° 9'58	21°23	20°59	22°58	19°34	7°41	4°55	4° 0	21°18	21° 7	8°29	8°21	16° 0	n.a.
W13	22 39 16	8° 9'50	6♊33	20°12	24°13	20° 5	7°40	4°51	4° 1	21°17	21° 9	8°29	8°17	16° 6	n.a.
T 14	22 43 13	9° 9'44	21°47	19°18	25°28	20°36	7°40	4°47	4° 1	21°16	21°11	8°29	8°14	16°13	n.a.
F 15	22 47 9	10° 9'40	6°V55	18°16	26°44	21° 7	7°D39	4°42	4° 2	21°14	21°13	8°29	8°11	16°20	n.a.
S 16	22 51 6	11° 9'38	21°48	17° 7	27°59	21°37	7°39	4°38	4° 2	21°13	21°16	8°28	8° 8	16°26	n.a.
S 17	22 55 2	12° 9'38	6♌19	15°54	29°14	22° 7	7°40	4°34	4° 2	21°12	21°18	8°28	8° 5	16°33	n.a.
M18	22 58 59	13° 9'41	20°25	14°38	0♍29	22°37	7°40	4°29	4° 3	21°11	21°20	8°28	8° 2	16°40	n.a.
T 19	23 2 55	14° 9'47	4♎ 4	13°22	1°45	23° 7	7°41	4°25	4° 3	21°10	21°22	8°27	7°58	16°46	n.a.
W20	23 6 52	15° 9'54	17°18	12° 7	3° 0	23°36	7°42	4°20	4° 3	21° 8	21°24	8°D27	7°55	16°53	n.a.
T 21	23 10 49	16°10'04	0♎ 8	10°56	4°16	24° 6	7°43	4°16	4° 3	21° 7	21°26	8°27	7°52	16°59	n.a.
F 22	23 14 45	17°10'16	12°39	9°51	5°31	24°35	7°44	4°11	4°R 3	21° 6	21°29	8°28	7°49	17° 6	n.a.
S 23	23 18 42	18°10'31	24°55	8°55	6°46	25° 4	7°45	4° 7	4° 3	21° 4	21°31	8°29	7°46	17°13	n.a.
S 24	23 22 38	19°10'47	6♏58	8° 8	8° 2	25°33	7°47	4° 2	4° 3	21° 3	21°33	8°30	7°42	17°19	n.a.
M25	23 26 35	20°11'06	18°53	7°32	9°17	26° 1	7°49	3°57	4° 3	21° 1	21°35	8°31	7°39	17°26	n.a.
T 26	23 30 31	21°11'26	0♐43	7° 7	10°33	26°29	7°51	3°53	4° 2	21° 0	21°37	8°32	7°36	17°33	n.a.
W27	23 34 28	22°11'48	12°30	6°54	11°48	26°57	7°53	3°48	4° 2	20°59	21°39	8°R32	7°33	17°39	n.a.
T 28	23 38 24	23°12'13	24°17	6°D52	13° 4	27°25	7°56	3°43	4° 2	20°57	21°41	8°31	7°30	17°46	n.a.
F 29	23 42 21	24°12'39	6♊ 7	7° 2	14°19	27°53	7°58	3°38	4° 1	20°56	21°43	8°30	7°27	17°53	n.a.
S 30	23 46 17	25♍13'07	18♎ 0	7♎22	15♏35	28♐20	8♑ 1	3°V33	4♒ 1	20°V54	21♒45	8♓28	7♓23	17♔59	n.a.

Delta T = 08h31m59s Julian Calendar 1 Sept. 1242 BCE == Greg. Calendar 21 Aug. 1242 BCE
 The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

OCTOBER 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	23 50 14	26♍13'36	0♏.0	7♎51	16♏50	28♐47	8♑ 4	3°R28	4°R 0	20°R53	21♒47	8°R25	7♓20	18♔ 6	n.a.
M 2	23 54 11	27°14'08	12° 8	8°30	18° 6	29°14	8° 7	3°V23	4♒ 0	20°V51	21°49	8♓22	7°17	18°13	n.a.
T 3	23 58 7	28°14'41	24°27	9°16	19°22	29°41	8°11	3°18	3°59	20°50	21°51	8°19	7°14	18°19	n.a.
W 4	0 2 4	29°15'15	7♊ 0	10°10	20°37	0♎ 7	8°14	3°14	3°59	20°48	21°53	8°16	7°11	18°26	n.a.
T 5	0 6 0	0♌15'51	19°50	11° 9	21°53	0°33	8°18	3° 9	3°58	20°47	21°55	8°15	7° 8	18°33	n.a.
F 6	0 9 57	1°16'28	3♌ 0	12°14	23° 8	0°59	8°22	3° 4	3°57	20°45	21°57	8°D15	7° 4	18°39	n.a.
S 7	0 13 53	2°17'07	16°32	13°24	24°24	1°24	8°26	2°59	3°56	20°43	21°59	8°15	7° 1	18°46	n.a.
S 8	0 17 50	3°17'47	0♎28	14°38	25°40	1°49	8°31	2°54	3°55	20°42	22° 1	8°17	6°58	18°52	n.a.
M 9	0 21 46	4°18'28	14°49	15°55	26°55	2°14	8°35	2°49	3°55	20°40	22° 2	8°18	6°55	18°59	n.a.
T 10	0 25 43	5°19'10	29°32	17°15	28°11	2°39	8°40	2°44	3°54	20°39	22° 4	8°19	6°52	19° 6	n.a.
W11	0 29 40	6°19'54	14♊32	18°37	29°26	3° 3	8°45	2°39	3°53	20°37	22° 6	8°R19	6°48	19°12	n.a.
T 12	0 33 36	7°20'39	29°42	20° 2	0♌42	3°27	8°50	2°34	3°52	20°35	22° 8	8°18	6°45	19°19	n.a.
F 13	0 37 33	8°21'26	14°V53	21°28	1°58	3°51	8°55	2°29	3°50	20°34	22°10	8°15	6°42	19°26	n.a.
S 14	0 41 29	9°22'14	29°55	22°56	3°13	4°14	9° 1	2°24	3°49	20°32	22°11	8°11	6°39	19°32	n.a.
S 15	0 45 26	10°23'03	14♌39	24°25	4°29	4°37	9° 6	2°19	3°48	20°30	22°13	8° 6	6°36	19°39	n.a.
M16	0 49 22	11°23'55	28°58	25°55	5°44	5° 0	9°12	2°14	3°47	20°29	22°15	8° 1	6°33	19°46	n.a.
T 17	0 53 19	12°24'47	12♒48	27°26	7° 0	5°22	9°18	2° 9	3°46	20°27	22°16	7°57	6°29	19°52	n.a.
W18	0 57 15	13°25'42	26°10	28°57	8°16	5°44	9°24	2° 5	3°44	20°25	22°18	7°54	6°26	19°59	n.a.
T 19	1 1 12	14°26'38	9♎ 4	0♌29	9°31	6° 6	9°30	2° 0	3°43	20°24	22°20	7°D52	6°23	20° 6	n.a.
F 20	1 5 9	15°27'35	21°35	2° 2	10°47	6°27	9°37	1°55	3°41	20°22	22°21	7°52	6°20	20°12	n.a.
S 21	1 9 5	16°28'34	3♏48	3°35	12° 3	6°48	9°44	1°50	3°40	20°20	22°23	7°53	6°17	20°19	n.a.
S 22	1 13 2	17°29'35	15°47	5° 8	13°18	7° 9	9°50	1°46	3°38	20°18	22°24	7°55	6°14	20°26	n.a.
M23	1 16 58	18°30'37	27°38	6°41	14°34	7°29	9°57	1°41	3°37	20°17	22°26	7°57	6°10	20°32	n.a.
T 24	1 20 55	19°31'40	9♎24	8°14	15°50	7°48	10° 4	1°36	3°35	20°15	22°27	7°R57	6° 7	20°39	n.a.
W25	1 24 51	20°32'44	21°10	9°48	17° 5	8° 8	10°12	1°32	3°33	20°13	22°29	7°56	6° 4	20°45	n.a.
T 26	1 28 48	21°33'50	3♌ 0	11°21	18°21	8°27	10°19	1°27	3°32	20°12	22°30	7°53	6° 1	20°52	n.a.
F 27	1 32 44	22°34'56	14°55	12°55	19°37	8°45	10°27	1°23	3°30	20°10	22°32	7°47	5°58	20°59	n.a.
S 28	1 36 41	23°36'04	26°58	14°29	20°52	9° 3	10°35	1°19	3°28	20° 8	22°33	7°40	5°54	21° 5	n.a.
S 29	1 40 37	24°37'12	9♏10	16° 2	22° 8	9°21	10°42	1°14	3°26	20° 6	22°34	7°31	5°51	21°12	n.a.
M30	1 44 34	25°38'22	21°32	17°36	23°24	9°38	10°51	1°10	3°24	20° 5	22°36	7°22	5°48	21°19	n.a.
T 31	1 48 31	26♑39'32	4♊ 5	19♌10	24♎39	9♎54	10♑59	1°V 6	3♒23	20°V 3	22♒37	7♓12	5♓45	21♔25	n.a.

Delta T = 08h31m57s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [20.1.2005]

SWISS EPHEMERIS for the year 1242 BCE

NOVEMBER 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	1 52 27	27 ^h 40'43	16 ^h 49	20 ^h 44	25 ^h 55	10 ^h 10	11 ^h 3 7	1 ^h R 2	3 ^h R21	20 ^h R 1	22 ^h Ω38	7 ^h R 4	5 ^h η42	21 ^h η32	n.a.
T 2	1 56 24	28 ^h 41'55	29 ^h 46	22 ^h 18	27 ^h 11	10 ^h 26	11 ^h 16	0 ^h Υ57	3 ^h Π19	20 ^h Υ 0	22 ^h 39	6 ^h η58	5 ^h 39	21 ^h 39	n.a.
F 3	2 0 20	29 ^h 43'07	12 ^h 357	23 ^h 52	28 ^h 26	10 ^h 41	11 ^h 24	0 ^h 53	3 ^h 17	19 ^h 58	22 ^h 41	6 ^h 54	5 ^h 35	21 ^h 45	n.a.
S 4	2 4 17	0 ^h 44'19	26 ^h 24	25 ^h 26	29 ^h 42	10 ^h 56	11 ^h 33	0 ^h 49	3 ^h 15	19 ^h 56	22 ^h 42	6 ^h D53	5 ^h 32	21 ^h 52	n.a.
S 5	2 8 13	1 ^h 45'32	10 ^h ≈ 9	27 ^h 0	0 ^h Λ57	11 ^h 10	11 ^h 42	0 ^h 46	3 ^h 13	19 ^h 55	22 ^h 43	6 ^h 53	5 ^h 29	21 ^h 59	n.a.
M 6	2 12 10	2 ^h 46'45	24 ^h 12	28 ^h 34	2 ^h 13	11 ^h 24	11 ^h 51	0 ^h 42	3 ^h 10	19 ^h 53	22 ^h 44	6 ^h 54	5 ^h 26	22 ^h 5	n.a.
T 7	2 16 6	3 ^h 47'58	8 ^h 34	0 ^h Λ 8	3 ^h 29	11 ^h 37	12 ^h 0	0 ^h 38	3 ^h 8	19 ^h 51	22 ^h 45	6 ^h R54	5 ^h 23	22 ^h 12	n.a.
W 8	2 20 3	4 ^h 49'12	23 ^h 12	1 ^h 42	4 ^h 44	11 ^h 49	12 ^h 9	0 ^h 34	3 ^h 6	19 ^h 50	22 ^h 46	6 ^h 53	5 ^h 19	22 ^h 19	n.a.
T 9	2 24 0	5 ^h 50'26	8 ^h Υ 2	3 ^h 16	6 ^h 0	12 ^h 1	12 ^h 19	0 ^h 31	3 ^h 4	19 ^h 48	22 ^h 47	6 ^h 50	5 ^h 16	22 ^h 25	n.a.
F 10	2 27 56	6 ^h 51'40	22 ^h 57	4 ^h 51	7 ^h 15	12 ^h 13	12 ^h 28	0 ^h 27	3 ^h 2	19 ^h 46	22 ^h 48	6 ^h 44	5 ^h 13	22 ^h 32	n.a.
S 11	2 31 53	7 ^h 52'55	7 ^h Ω49	6 ^h 26	8 ^h 31	12 ^h 23	12 ^h 38	0 ^h 24	2 ^h 59	19 ^h 45	22 ^h 49	6 ^h 35	5 ^h 10	22 ^h 39	n.a.
S 12	2 35 49	8 ^h 54'10	22 ^h 30	8 ^h 0	9 ^h 46	12 ^h 34	12 ^h 48	0 ^h 21	2 ^h 57	19 ^h 43	22 ^h 50	6 ^h 25	5 ^h 7	22 ^h 45	n.a.
M13	2 39 46	9 ^h 55'25	6 ^h Π50	9 ^h 35	11 ^h 2	12 ^h 43	12 ^h 58	0 ^h 17	2 ^h 55	19 ^h 42	22 ^h 51	6 ^h 14	5 ^h 4	22 ^h 52	n.a.
T 14	2 43 42	10 ^h 56'41	20 ^h 46	11 ^h 10	12 ^h 17	12 ^h 52	13 ^h 8	0 ^h 14	2 ^h 52	19 ^h 40	22 ^h 51	6 ^h 5	5 ^h 0	22 ^h 59	n.a.
W15	2 47 39	11 ^h 57'58	4 ^h Ω14	12 ^h 46	13 ^h 33	13 ^h 1	13 ^h 18	0 ^h 11	2 ^h 50	19 ^h 39	22 ^h 52	5 ^h 57	4 ^h 57	23 ^h 5	n.a.
T 16	2 51 35	12 ^h 59'15	17 ^h 14	14 ^h 21	14 ^h 49	13 ^h 9	13 ^h 28	0 ^h 8	2 ^h 48	19 ^h 37	22 ^h 53	5 ^h 51	4 ^h 54	23 ^h 12	n.a.
F 17	2 55 32	14 ^h 0'32	29 ^h 50	15 ^h 57	16 ^h 4	13 ^h 16	13 ^h 39	0 ^h 5	2 ^h 45	19 ^h 36	22 ^h 54	5 ^h 48	4 ^h 51	23 ^h 18	n.a.
S 18	2 59 29	15 ^h 1'50	12 ^h Ω 5	17 ^h 33	17 ^h 20	13 ^h 22	13 ^h 49	0 ^h 3	2 ^h 43	19 ^h 34	22 ^h 54	5 ^h D47	4 ^h 48	23 ^h 25	n.a.
S 19	3 3 25	16 ^h 3'08	24 ^h 5	19 ^h 10	18 ^h 35	13 ^h 28	14 ^h 0	0 ^h 0	2 ^h 40	19 ^h 33	22 ^h 55	5 ^h 47	4 ^h 45	23 ^h 32	n.a.
M20	3 7 22	17 ^h 4'26	5 ^h η56	20 ^h 46	19 ^h 51	13 ^h 33	14 ^h 11	29 ^h Υ57	2 ^h 38	19 ^h 31	22 ^h 56	5 ^h R47	4 ^h 41	23 ^h 38	n.a.
T 21	3 11 18	18 ^h 5'45	17 ^h 42	22 ^h 23	21 ^h 6	13 ^h 37	14 ^h 22	29 ^h 55	2 ^h 35	19 ^h 30	22 ^h 56	5 ^h 47	4 ^h 38	23 ^h 45	n.a.
W22	3 15 15	19 ^h 7'04	29 ^h 30	24 ^h 0	22 ^h 21	13 ^h 41	14 ^h 33	29 ^h 53	2 ^h 33	19 ^h 28	22 ^h 57	5 ^h 44	4 ^h 35	23 ^h 52	n.a.
T 23	3 19 11	20 ^h 8'23	11 ^h Ω23	25 ^h 38	23 ^h 37	13 ^h 44	14 ^h 44	29 ^h 50	2 ^h 30	19 ^h 27	22 ^h 57	5 ^h 39	4 ^h 32	23 ^h 58	n.a.
F 24	3 23 8	21 ^h 9'42	23 ^h 24	27 ^h 16	24 ^h 52	13 ^h 46	14 ^h 55	29 ^h 48	2 ^h 28	19 ^h 25	22 ^h 58	5 ^h 30	4 ^h 29	24 ^h 5	n.a.
S 25	3 27 4	22 ^h 11'01	5 ^h η38	28 ^h 54	26 ^h 8	13 ^h 47	15 ^h 6	29 ^h 46	2 ^h 25	19 ^h 24	22 ^h 58	5 ^h 19	4 ^h 25	24 ^h 12	n.a.
S 26	3 31 1	23 ^h 12'21	18 ^h 4	0 ^h Ω32	27 ^h 23	13 ^h R48	15 ^h 17	29 ^h 44	2 ^h 23	19 ^h 23	22 ^h 59	5 ^h 6	4 ^h 22	24 ^h 18	n.a.
M27	3 34 58	24 ^h 13'39	0 ^h Ω44	2 ^h 10	28 ^h 39	13 ^h 48	15 ^h 29	29 ^h 42	2 ^h 20	19 ^h 21	22 ^h 59	4 ^h 52	4 ^h 19	24 ^h 25	n.a.
T 28	3 38 54	25 ^h 14'58	13 ^h 37	3 ^h 49	29 ^h 54	13 ^h 47	15 ^h 41	29 ^h 41	2 ^h 18	19 ^h 20	22 ^h 59	4 ^h 38	4 ^h 16	24 ^h 32	n.a.
W29	3 42 51	26 ^h 16'17	26 ^h 41	5 ^h 28	1 ^h Ω10	13 ^h 46	15 ^h 52	29 ^h 39	2 ^h 15	19 ^h 19	23 ^h 0	4 ^h 26	4 ^h 13	24 ^h 38	n.a.
T 30	3 46 47	27 ^h 17'34	9 ^h Ω57	7 ^h Ω 7	2 ^h Ω25	13 ^h Ω43	16 ^h Ω 4	29 ^h Ω38	2 ^h Ω12	19 ^h Ω17	23 ^h Ω 0	4 ^h η16	4 ^h η10	24 ^h η45	n.a.

Delta T = 08h31m56s Julian Calendar 1 Nov. 1242 BCE == Greg. Calendar 21 Oct. 1242 BCE
 The year -1241 astronomical counting style corresponds to year 1242 B.C.E historical counting style.

DECEMBER 1242 BCE (-1241) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	3 50 44	28 ^h 18'52	23 ^h Ω23	8 ^h Ω46	3 ^h Ω40	13 ^h R40	16 ^h Ω16	29 ^h R36	2 ^h R10	19 ^h R16	23 ^h Ω 0	4 ^h R10	4 ^h η 6	24 ^h η52	n.a.
S 2	3 54 40	29 ^h 20'08	6 ^h ≈58	10 ^h 25	4 ^h 56	13 ^h Ω36	16 ^h 28	29 ^h Ω35	2 ^h Ω 7	19 ^h Ω15	23 ^h 0	4 ^h η 6	4 ^h 3	24 ^h 58	n.a.
S 3	3 58 37	0 ^h Ω21'24	20 ^h 44	12 ^h 5	6 ^h 11	13 ^h 31	16 ^h 40	29 ^h 34	2 ^h 5	19 ^h 14	23 ^h 1	4 ^h 5	4 ^h 0	25 ^h 5	n.a.
M 4	4 2 33	1 ^h 22'39	4 ^h Ω40	13 ^h 43	7 ^h 26	13 ^h 26	16 ^h 52	29 ^h 33	2 ^h 2	19 ^h 12	23 ^h 1	4 ^h 5	3 ^h 57	25 ^h 12	n.a.
T 5	4 6 30	2 ^h 23'53	18 ^h 46	15 ^h 22	8 ^h 42	13 ^h 19	17 ^h 4	29 ^h 32	1 ^h 59	19 ^h 11	23 ^h 1	4 ^h 4	3 ^h 54	25 ^h 18	n.a.
W 6	4 10 27	3 ^h 25'06	3 ^h Υ 3	17 ^h 0	9 ^h 57	13 ^h 12	17 ^h 16	29 ^h 31	1 ^h 57	19 ^h 10	23 ^h 1	4 ^h 2	3 ^h 50	25 ^h 25	n.a.
T 7	4 14 23	4 ^h 26'18	17 ^h 27	18 ^h 37	11 ^h 12	13 ^h 4	17 ^h 29	29 ^h 30	1 ^h 54	19 ^h 9	23 ^h R 1	3 ^h 58	3 ^h 47	25 ^h 32	n.a.
F 8	4 18 20	5 ^h 27'30	1 ^h Ω55	20 ^h 14	12 ^h 28	12 ^h 55	17 ^h 41	29 ^h 30	1 ^h 52	19 ^h 8	23 ^h 1	3 ^h 50	3 ^h 44	25 ^h 38	n.a.
S 9	4 22 16	6 ^h 28'40	16 ^h 22	21 ^h 49	13 ^h 43	12 ^h 46	17 ^h 54	29 ^h 29	1 ^h 49	19 ^h 7	23 ^h 1	3 ^h 40	3 ^h 41	25 ^h 45	n.a.
S 10	4 26 13	7 ^h 29'50	0 ^h Ω42	23 ^h 23	14 ^h 58	12 ^h 35	18 ^h 6	29 ^h 29	1 ^h 46	19 ^h 6	23 ^h 1	3 ^h 28	3 ^h 38	25 ^h 52	n.a.
M11	4 30 9	8 ^h 30'59	14 ^h 48	24 ^h 56	16 ^h 13	12 ^h 24	18 ^h 19	29 ^h 29	1 ^h 44	19 ^h 5	23 ^h 1	3 ^h 15	3 ^h 35	25 ^h 58	n.a.
T 12	4 34 6	9 ^h 32'07	28 ^h 34	26 ^h 26	17 ^h 29	12 ^h 12	18 ^h 32	29 ^h 28	1 ^h 41	19 ^h 4	23 ^h 1	3 ^h 3	3 ^h 31	26 ^h 5	n.a.
W13	4 38 2	10 ^h 33'15	11 ^h Ω58	27 ^h 53	18 ^h 44	12 ^h 0	18 ^h 44	29 ^h D28	1 ^h 39	19 ^h 3	23 ^h 0	2 ^h 53	3 ^h 28	26 ^h 12	n.a.
T 14	4 41 59	11 ^h 34'22	24 ^h 58	29 ^h 17	19 ^h 59	11 ^h 46	18 ^h 57	29 ^h 29	1 ^h 36	19 ^h 2	23 ^h 0	2 ^h 45	3 ^h 25	26 ^h 18	n.a.
F 15	4 45 56	12 ^h 35'27	7 ^h Ω36	0 ^h Ω38	21 ^h 14	11 ^h 32	19 ^h 10	29 ^h 29	1 ^h 34	19 ^h 1	23 ^h 0	2 ^h 40	3 ^h 22	26 ^h 25	n.a.
S 16	4 49 52	13 ^h 36'33	19 ^h 54	1 ^h 54	22 ^h 29	11 ^h 17	19 ^h 23	29 ^h 29	1 ^h 31	19 ^h 0	23 ^h 0	2 ^h 38	3 ^h 19	26 ^h 31	n.a.
S 17	4 53 49	14 ^h 37'37	1 ^h η56	3 ^h 5	23 ^h 45	11 ^h 1	19 ^h 36	29 ^h 29	1 ^h 28	19 ^h 0	22 ^h 59	2 ^h D37	3 ^h 16	26 ^h 38	n.a.
M18	4 57 45	15 ^h 38'41	13 ^h 49	4 ^h 10	25 ^h 0	10 ^h 45	19 ^h 49	29 ^h 30	1 ^h 26	18 ^h 59	22 ^h 59	2 ^h R37	3 ^h 12	26 ^h 45	n.a.
T 19	5 1 42	16 ^h 39'44	25 ^h 37	5 ^h 9	26 ^h 15	10 ^h 28	20 ^h 3	29 ^h 31	1 ^h 23	18 ^h 58	22 ^h 59	2 ^h 37	3 ^h 9	26 ^h 51	n.a.
W20	5 5 38	17 ^h													