

SWISS EPHEMERIS for the year 1707 BCE

JANUARY 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	5 41 1	27♌7'36	23♐10	3♋4	11♍11	18♊5	16♎35	12♑R26	20♌44	16♑R52	24♎18	15♑R22	16♐8	23♌53	n.a.		
M 2	5 44 57	28° 8'12	8♋22	3°30	12° 6	18°44	16°43	12♐21	20°47	16♐51	24°20	15♐11	16° 5	24° 0	n.a.		
T 3	5 48 54	29° 8'46	23°34	4° 2	13° 1	19°23	16°51	12°17	20°50	16°49	24°21	15° 1	16° 1	24° 6	n.a.		
W 4	5 52 51	0♈9'18	8♎35	4°38	13°57	20° 2	16°59	12°12	20°53	16°47	24°22	14°54	15°58	24°13	n.a.		
T 5	5 56 47	1° 9'49	23°19	5°18	14°53	20°41	17° 7	12° 8	20°56	16°46	24°24	14°50	15°55	24°20	n.a.		
F 6	6 0 44	2°10'18	7♎39	6° 3	15°49	21°20	17°14	12° 3	20°59	16°44	24°25	14°49	15°52	24°27	n.a.		
S 7	6 4 40	3°10'45	21°35	6°51	16°47	21°59	17°22	11°59	21° 2	16°42	24°26	14°D49	15°49	24°33	n.a.		
S 8	6 8 37	4°11'11	5♎7	7°43	17°44	22°38	17°29	11°55	21° 5	16°41	24°27	14°R49	15°46	24°40	n.a.		
M 9	6 12 33	5°11'36	18°17	8°38	18°42	23°16	17°36	11°50	21° 8	16°39	24°28	14°48	15°42	24°47	n.a.		
T 10	6 16 30	6°11'59	1♎9	9°36	19°41	23°55	17°43	11°46	21°10	16°38	24°29	14°45	15°39	24°53	n.a.		
W11	6 20 26	7°12'20	13°46	10°37	20°40	24°34	17°50	11°42	21°13	16°36	24°30	14°40	15°36	25° 0	n.a.		
T 12	6 24 23	8°12'39	26°10	11°40	21°39	25°13	17°57	11°38	21°16	16°35	24°31	14°32	15°33	25° 7	n.a.		
F 13	6 28 20	9°12'57	8♌24	12°45	22°39	25°52	18° 3	11°34	21°19	16°33	24°32	14°21	15°30	25°13	n.a.		
S 14	6 32 16	10°13'13	20°31	13°53	23°40	26°30	18°10	11°30	21°21	16°31	24°33	14° 9	15°27	25°20	n.a.		
S 15	6 36 13	11°13'27	2♌31	15° 3	24°40	27° 9	18°16	11°26	21°24	16°30	24°34	13°57	15°23	25°27	n.a.		
M16	6 40 9	12°13'40	14°26	16°15	25°41	27°48	18°22	11°22	21°27	16°28	24°35	13°44	15°20	25°34	n.a.		
T 17	6 44 6	13°13'50	26°18	17°28	26°42	28°27	18°28	11°18	21°29	16°27	24°36	13°34	15°17	25°40	n.a.		
W18	6 48 2	14°13'58	8♌7	18°44	27°44	29° 5	18°34	11°14	21°32	16°26	24°36	13°26	15°14	25°47	n.a.		
T 19	6 51 59	15°14'04	19°56	20° 1	28°46	29°44	18°40	11°11	21°34	16°24	24°37	13°20	15°11	25°54	n.a.		
F 20	6 55 55	16°14'08	1♋47	21°19	29°48	0♌22	18°45	11° 7	21°37	16°23	24°38	13°17	15° 7	26° 0	n.a.		
S 21	6 59 52	17°14'09	13°45	22°39	0♌51	1° 1	18°50	11° 3	21°39	16°21	24°39	13°D16	15° 4	26° 7	n.a.		
S 22	7 3 49	18°14'08	25°53	24° 1	1°53	1°40	18°56	11° 0	21°41	16°20	24°39	13°17	15° 1	26°14	n.a.		
M23	7 7 45	19°14'05	8♑15	25°24	2°56	2°18	19° 1	10°57	21°44	16°18	24°40	13°18	14°58	26°20	n.a.		
T 24	7 11 42	20°13'59	20°58	26°48	4° 0	2°57	19° 5	10°53	21°46	16°17	24°40	13°R19	14°55	26°27	n.a.		
W25	7 15 38	21°13'51	4♌5	28°14	5° 3	3°35	19°10	10°50	21°48	16°16	24°41	13°18	14°52	26°34	n.a.		
T 26	7 19 35	22°13'41	17°39	29°41	6° 7	4°14	19°15	10°47	21°50	16°14	24°42	13°15	14°48	26°40	n.a.		
F 27	7 23 31	23°13'28	1♐43	♌9	7°11	4°52	19°19	10°44	21°53	16°13	24°42	13°10	14°45	26°47	n.a.		
S 28	7 27 28	24°13'13	16°16	2°39	8°15	5°30	19°23	10°41	21°55	16°12	24°43	13° 3	14°42	26°54	n.a.		
S 29	7 31 24	25°12'55	1♋13	4°10	9°20	6° 9	19°27	10°39	21°57	16°11	24°43	12°56	14°39	27° 0	n.a.		
M30	7 35 21	26°12'35	16°26	5°42	10°25	6°47	19°31	10°36	21°59	16° 9	24°43	12°49	14°36	27° 7	n.a.		
T 31	7 39 18	27°12'13	1♎44	7♌15	11♌29	7♌26	19♎35	10♐33	22♌1	16♐8	24♎44	12♑43	14♐33	27♌14	n.a.		

Delta T = 11h25m00s Julian Calendar 1 Jan. 1707 BCE == Greg. Calendar 17 Dec. 1708 BCE
 The year -1706 astronomical counting style corresponds to year 1707 B.C.E historical counting style.

FEBRUARY 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
W 1	7 43 14	28♌11'49	16♎58	8♌50	12♌35	8♌4	19♎38	10°R31	22♌3	16°R7	24♎44	12°R38	14♐29	27♌21	n.a.		
T 2	7 47 11	29°11'22	1♐57	10°26	13°40	8°42	19°41	10♐28	22° 5	16♐6	24°44	12♐36	14°26	27°27	n.a.		
F 3	7 51 7	0♈10'54	16°33	12° 3	14°45	9°20	19°45	10°26	22° 7	16° 5	24°45	12°D36	14°23	27°34	n.a.		
S 4	7 55 4	1°10'23	0♎43	13°41	15°51	9°59	19°48	10°24	22° 8	16° 4	24°45	12°36	14°20	27°41	n.a.		
S 5	7 59 0	2° 9'51	14°26	15°21	16°57	10°37	19°50	10°22	22°10	16° 3	24°45	12°38	14°17	27°47	n.a.		
M 6	8 2 57	3° 9'17	27°42	17° 2	18° 3	11°15	19°53	10°20	22°12	16° 2	24°45	12°R39	14°13	27°54	n.a.		
T 7	8 6 53	4° 8'41	10♌36	18°44	19° 9	11°53	19°55	10°18	22°14	16° 1	24°45	12°39	14°10	28° 1	n.a.		
W 8	8 10 50	5° 8'03	23°10	20°27	20°16	12°31	19°58	10°16	22°15	16° 0	24°45	12°37	14° 7	28° 7	n.a.		
T 9	8 14 47	6° 7'23	5♌29	22°12	21°22	13° 9	20° 0	10°14	22°17	15°59	24°45	12°34	14° 4	28°14	n.a.		
F 10	8 18 43	7° 6'41	17°36	23°58	22°29	13°47	20° 1	10°13	22°18	15°58	24°R45	12°29	14° 1	28°21	n.a.		
S 11	8 22 40	8° 5'57	29°35	25°45	23°36	14°25	20° 3	10°11	22°20	15°57	24°45	12°23	13°58	28°27	n.a.		
S 12	8 26 36	9° 5'11	11♌28	27°34	24°43	15° 3	20° 5	10°10	22°21	15°56	24°45	12°17	13°54	28°34	n.a.		
M13	8 30 33	10° 4'23	23°18	29°24	25°50	15°41	20° 6	10° 8	22°23	15°55	24°45	12°11	13°51	28°41	n.a.		
T 14	8 34 29	11° 3'32	5♌8	1♌15	26°57	16°18	20° 7	10° 7	22°24	15°54	24°45	12° 6	13°48	28°47	n.a.		
W15	8 38 26	12° 2'40	16°58	3° 8	28° 5	16°56	20° 8	10° 6	22°25	15°53	24°45	12° 2	13°45	28°54	n.a.		
T 16	8 42 22	13° 1'45	28°51	5° 2	29°12	17°34	20° 9	10° 5	22°27	15°53	24°45	11°59	13°42	29° 1	n.a.		
F 17	8 46 19	14° 0'48	10♋49	6°57	0♌20	18°11	20° 9	10° 4	22°28	15°52	24°45	11°D59	13°38	29° 8	n.a.		
S 18	8 50 16	14°59'49	22°55	8°54	1°28	18°49	20°10	10° 4	22°29	15°51	24°44	11°59	13°35	29°14	n.a.		
S 19	8 54 12	15°58'47	5♑10	10°52	2°35	19°26	20°R10	10° 3	22°30	15°51	24°44	12° 0	13°32	29°21	n.a.		
M20	8 58 9	16°57'43	17°39	12°51	3°43	20° 4	20°10	10° 2	22°31	15°50	24°44	12° 2	13°29	29°28	n.a.		
T 21	9 2 5	17°56'36	0♌25	14°51	4°51	20°41	20° 9	10° 2	22°32	15°49	24°43	12° 4	13°26	29°34	n.a.		
W22	9 6 2	18°55'27	13°30	16°53	6° 0	21°18	20° 9	10° 2	22°33	15°49	24°43	12°R 4	13°23	29°41	n.a.		
T 23	9 9 58	19°54'16	26°59	18°56	7° 8	21°56	20° 8	10° 1	22°34	15°48	24°43	12° 4	13°19	29°48	n.a.		
F 24	9 13 55	20°53'02	10♐52	20°59	8°16	22°33	20° 8	10°D 1	22°35	15°48	24°42	12° 3	13°16	29°54	n.a.		
S 25	9 17 51	21°51'46	25°10	23° 3	9°25	23°10	20° 7	10° 1	22°36	15°47	24°42	12° 1	13°13	0♈1	n.a.		
S 26	9 21 48	22°50'28	9♋51	25° 8	10°33	23°47	20° 6	10° 1	22°36	15°47	24°41	11°59	13°10	0° 8	n.a.		
M27	9 25 45	23°49'07	24°48	27°14	11°42	24°24	20° 4	10° 2	22°37	15°46	24°41	11°57	13° 7	0°14	n.a.		
T 28	9 29 41	24°47'43	9♎55	29♌19	12♌50	25♌1	20♎3	10♐2	22♌38	15♐46	24♎40	11♑55	13♐4	0♈21	n.a.		

Delta T = 11h24m58s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 1707 BCE

MARCH 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
W 1	9 33 38	25 ⁴⁶ 18	25 ^Ω 3	1 [♃] 25	13 [♄] 59	25 [♁] 38	20 [♂] 1	10 [♁] 2	22 [♁] 38	15 [♂] 45	24 [♂] 40	11 [♂] 53	13 [♁] 0	0 [♁] 28	n.a.
T 2	9 37 34	26 ⁴⁴ 50	10 [♁] 1	3 [♂] 1	15 [♂] 8	26 [♂] 15	19 [♁] 59	10 [♂] 3	22 [♂] 39	15 [♁] 45	24 [♁] 39	11 [♂] D53	12 [♂] 57	0 [♂] 34	n.a.
F 3	9 41 31	27 ⁴³ 20	24 [♂] 43	5 [♂] 35	16 [♂] 17	26 [♂] 51	19 [♂] 57	10 [♂] 4	22 [♂] 39	15 [♂] 45	24 [♂] 38	11 [♁] 53	12 [♂] 54	0 [♂] 41	n.a.
S 4	9 45 27	28 ⁴¹ 49	9 [♁] 1	7 [♂] 39	17 [♂] 26	27 [♂] 28	19 [♂] 55	10 [♂] 4	22 [♂] 40	15 [♂] 45	24 [♂] 38	11 [♂] 54	12 [♂] 51	0 [♂] 48	n.a.
S 5	9 49 24	29 ⁴⁰ 15	22 [♂] 54	9 [♂] 42	18 [♂] 35	28 [♂] 4	19 [♂] 52	10 [♂] 5	22 [♂] 40	15 [♂] 44	24 [♂] 37	11 [♂] 55	12 [♂] 48	0 [♂] 54	n.a.
M 6	9 53 20	0 [♃] 38'40	6 [♁] 19	11 [♂] 44	19 [♂] 44	28 [♂] 41	19 [♂] 50	10 [♂] 6	22 [♂] 41	15 [♂] 44	24 [♂] 36	11 [♂] 56	12 [♂] 44	1 [♂] 1	n.a.
T 7	9 57 17	1 [♂] 37'03	19 [♂] 20	13 [♂] 43	20 [♂] 54	29 [♂] 17	19 [♂] 47	10 [♂] 7	22 [♂] 41	15 [♂] 44	24 [♂] 35	11 [♂] 57	12 [♂] 41	1 [♂] 8	n.a.
W 8	10 1 14	2 [♂] 35'25	1 [♂] 58	15 [♂] 40	22 [♂] 3	29 [♂] 54	19 [♂] 44	10 [♂] 8	22 [♂] 41	15 [♂] 44	24 [♂] 35	11 [♂] R57	12 [♂] 38	1 [♂] 14	n.a.
T 9	10 5 10	3 [♂] 33'44	14 [♂] 18	17 [♂] 35	23 [♂] 13	0 [♂] 30	19 [♂] 41	10 [♂] 10	22 [♂] 41	15 [♂] 44	24 [♂] 34	11 [♂] 57	12 [♂] 35	1 [♂] 21	n.a.
F 10	10 9 7	4 [♂] 32'02	26 [♂] 24	19 [♂] 27	24 [♂] 22	1 [♂] 6	19 [♂] 38	10 [♂] 11	22 [♂] 41	15 [♂] 44	24 [♂] 33	11 [♂] 56	12 [♂] 32	1 [♂] 28	n.a.
S 11	10 13 3	5 [♂] 30'19	8 [♂] 21	21 [♂] 16	25 [♂] 32	1 [♂] 42	19 [♂] 34	10 [♂] 13	22 [♂] 41	15 [♂] 44	24 [♂] 32	11 [♂] 55	12 [♂] 29	1 [♂] 35	n.a.
S 12	10 17 0	6 [♂] 28'33	20 [♂] 11	23 [♂] 1	26 [♂] 41	2 [♂] 18	19 [♂] 31	10 [♂] 14	22 [♂] R42	15 [♂] D44	24 [♂] 31	11 [♂] 55	12 [♂] 25	1 [♂] 41	n.a.
M13	10 20 56	7 [♂] 26'46	2 [♁] 0	24 [♂] 43	27 [♂] 51	2 [♂] 54	19 [♂] 27	10 [♂] 16	22 [♂] 42	15 [♂] 44	24 [♂] 30	11 [♂] 54	12 [♂] 22	1 [♂] 48	n.a.
T 14	10 24 53	8 [♂] 24'57	13 [♂] 50	26 [♂] 22	29 [♂] 1	3 [♂] 29	19 [♂] 23	10 [♂] 18	22 [♂] 41	15 [♂] 44	24 [♂] 29	11 [♂] 53	12 [♂] 19	1 [♂] 55	n.a.
W15	10 28 49	9 [♂] 23'06	25 [♂] 44	27 [♂] 56	0 [♁] 11	4 [♂] 5	19 [♂] 19	10 [♂] 20	22 [♂] 41	15 [♂] 44	24 [♂] 28	11 [♂] 53	12 [♂] 16	2 [♂] 1	n.a.
T 16	10 32 46	10 [♂] 21'13	7 [♂] 45	29 [♂] 26	1 [♂] 20	4 [♂] 41	19 [♂] 14	10 [♂] 22	22 [♂] 41	15 [♂] 44	24 [♂] 27	11 [♂] D53	12 [♂] 13	2 [♂] 8	n.a.
F 17	10 36 43	11 [♂] 19'19	19 [♂] 54	0 [♂] 52	2 [♂] 30	5 [♂] 16	19 [♂] 10	10 [♂] 24	22 [♂] 41	15 [♂] 44	24 [♂] 26	11 [♂] 53	12 [♂] 10	2 [♂] 15	n.a.
S 18	10 40 39	12 [♂] 17'22	2 [♂] Y13	2 [♂] 14	3 [♂] 40	5 [♂] 51	19 [♂] 5	10 [♂] 26	22 [♂] 41	15 [♂] 44	24 [♂] 25	11 [♂] R53	12 [♂] 6	2 [♂] 21	n.a.
S 19	10 44 36	13 [♂] 15'24	14 [♂] 43	3 [♂] 31	4 [♂] 50	6 [♂] 26	19 [♂] 0	10 [♂] 28	22 [♂] 40	15 [♂] 44	24 [♂] 24	11 [♂] 53	12 [♂] 3	2 [♂] 28	n.a.
M20	10 48 32	14 [♂] 13'24	27 [♂] 27	4 [♂] 44	6 [♂] 1	7 [♂] 1	18 [♂] 55	10 [♂] 31	22 [♂] 40	15 [♂] 45	24 [♂] 23	11 [♂] 53	12 [♂] 0	2 [♂] 35	n.a.
T 21	10 52 29	15 [♂] 11'22	10 [♂] 25	5 [♂] 53	7 [♂] 11	7 [♂] 36	18 [♂] 50	10 [♂] 33	22 [♂] 40	15 [♂] 45	24 [♂] 22	11 [♂] 52	11 [♂] 57	2 [♂] 41	n.a.
W22	10 56 25	16 [♂] 9'17	23 [♂] 40	6 [♂] 56	8 [♂] 21	8 [♂] 11	18 [♂] 45	10 [♂] 36	22 [♂] 39	15 [♂] 45	24 [♂] 21	11 [♂] 52	11 [♂] 54	2 [♂] 48	n.a.
T 23	11 0 22	17 [♂] 7'11	7 [♂] II11	7 [♂] 55	9 [♂] 31	8 [♂] 45	18 [♂] 40	10 [♂] 39	22 [♂] 39	15 [♂] 46	24 [♂] 19	11 [♂] 52	11 [♂] 50	2 [♂] 55	n.a.
F 24	11 4 18	18 [♂] 5'03	21 [♂] 0	8 [♂] 49	10 [♂] 41	9 [♂] 20	18 [♂] 34	10 [♂] 42	22 [♂] 38	15 [♂] 46	24 [♂] 18	11 [♂] D52	11 [♂] 47	3 [♂] 1	n.a.
S 25	11 8 15	19 [♂] 2'53	5 [♂] 6 6	9 [♂] 38	11 [♂] 52	9 [♂] 54	18 [♂] 29	10 [♂] 45	22 [♂] 38	15 [♂] 46	24 [♂] 17	11 [♂] 52	11 [♂] 44	3 [♂] 8	n.a.
S 26	11 12 11	20 [♂] 0'41	19 [♂] 29	10 [♂] 23	13 [♂] 2	10 [♂] 28	18 [♂] 23	10 [♂] 48	22 [♂] 37	15 [♂] 47	24 [♂] 16	11 [♂] 52	11 [♂] 41	3 [♂] 15	n.a.
M27	11 16 8	20 [♂] 58'27	4 [♂] 5	11 [♂] 2	14 [♂] 13	11 [♂] 2	18 [♂] 17	10 [♂] 51	22 [♂] 36	15 [♂] 47	24 [♂] 15	11 [♂] 53	11 [♂] 38	3 [♂] 21	n.a.
T 28	11 20 5	21 [♂] 56'12	18 [♂] 49	11 [♂] 36	15 [♂] 23	11 [♂] 36	18 [♂] 11	10 [♂] 54	22 [♂] 35	15 [♂] 48	24 [♂] 13	11 [♂] 54	11 [♂] 35	3 [♂] 28	n.a.
W29	11 24 1	22 [♂] 53'54	3 [♁] 35	12 [♂] 6	16 [♂] 34	12 [♂] 10	18 [♂] 5	10 [♂] 57	22 [♂] 35	15 [♂] 48	24 [♂] 12	11 [♂] 54	11 [♂] 31	3 [♂] 35	n.a.
T 30	11 27 58	23 [♂] 51'35	18 [♂] 18	12 [♂] 30	17 [♂] 44	12 [♂] 44	17 [♂] 59	11 [♂] 1	22 [♂] 34	15 [♂] 49	24 [♂] 11	11 [♂] R54	11 [♂] 28	3 [♂] 41	n.a.
F 31	11 31 54	24 [♂] 49'14	2 [♁] 49	12 [♂] Y49	18 [♂] 55	13 [♂] 17	17 [♂] 52	11 [♂] 4	22 [♂] 33	15 [♂] 50	24 [♂] 9	11 [♂] 54	11 [♂] 25	3 [♂] 48	n.a.

Delta T = 11h24m56s Julian Calendar 1 March 1707 BCE == Greg. Calendar 14 Feb. 1707 BCE
 The year -1706 astronomical counting style corresponds to year 1707 B.C.E historical counting style.

APRIL 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
S 1	11 35 51	25 ⁴⁶ 51	17 [♁] 3	13 [♂] Y 3	20 [♁] 6	13 [♂] 50	17 [♂] R46	11 [♁] 8	22 [♂] R32	15 [♁] 50	24 [♂] R 8	11 [♂] R53	11 [♁] 22	3 [♁] 55	n.a.
S 2	11 39 47	26 ⁴⁴ 28	0 [♁] 56	13 [♂] 12	21 [♂] 16	14 [♂] 23	17 [♂] 39	11 [♂] 11	22 [♂] 31	15 [♂] 51	24 [♂] 7	11 [♁] 51	11 [♂] 19	4 [♂] 1	n.a.
M 3	11 43 44	27 ⁴² 03	14 [♂] 25	13 [♂] R16	22 [♂] 27	14 [♂] 56	17 [♂] 32	11 [♂] 15	22 [♂] 30	15 [♂] 52	24 [♂] 5	11 [♂] 49	11 [♂] 15	4 [♂] 8	n.a.
T 4	11 47 40	28 ³⁹ 37	27 [♂] 30	13 [♂] 15	23 [♂] 38	15 [♂] 29	17 [♂] 26	11 [♂] 19	22 [♂] 29	15 [♂] 52	24 [♂] 4	11 [♂] 47	11 [♂] 12	4 [♂] 15	n.a.
W 5	11 51 37	29 ³⁷ 09	10 [♂] 13	13 [♂] 10	24 [♂] 49	16 [♂] 1	17 [♂] 19	11 [♂] 23	22 [♂] 28	15 [♂] 53	24 [♂] 2	11 [♂] 45	11 [♂] 9	4 [♂] 21	n.a.
T 6	11 55 34	0 [♂] Y34'41	22 [♂] 36	13 [♂] 0	26 [♂] 0	16 [♂] 34	17 [♂] 12	11 [♂] 27	22 [♂] 27	15 [♂] 54	24 [♂] 1	11 [♂] 44	11 [♂] 6	4 [♂] 28	n.a.
F 7	11 59 30	1 [♂] 32'12	4 [♂] 43	12 [♂] 45	27 [♂] 10	17 [♂] 6	17 [♂] 5	11 [♂] 31	22 [♂] 25	15 [♂] 55	24 [♂] 0	11 [♂] D44	11 [♂] 3	4 [♂] 35	n.a.
S 8	12 3 27	2 [♂] 29'41	16 [♂] 40	12 [♂] 27	28 [♂] 21	17 [♂] 38	16 [♂] 58	11 [♂] 35	22 [♂] 24	15 [♂] 56	23 [♂] 58	11 [♂] 45	11 [♂] 0	4 [♂] 41	n.a.
S 9	12 7 23	3 [♂] 27'10	28 [♂] 31	12 [♂] 5	29 [♂] 32	18 [♂] 10	16 [♂] 51	11 [♂] 39	22 [♂] 23	15 [♂] 57	23 [♂] 57	11 [♂] 46	10 [♂] 56	4 [♂] 48	n.a.
M10	12 11 20	4 [♂] 24'37	10 [♁] 20	11 [♂] 40	0 [♂] 44	18 [♂] 41	16 [♂] 43	11 [♂] 44	22 [♂] 22	15 [♂] 58	23 [♂] 55	11 [♂] 47	10 [♂] 53	4 [♂] 55	n.a.
T 11	12 15 16	5 [♂] 22'04	22 [♂] 12	11 [♂] 12	1 [♂] 55	19 [♂] 12	16 [♂] 36	11 [♂] 48	22 [♂] 20	15 [♂] 58	23 [♂] 54	11 [♂] 49	10 [♂] 50	5 [♂] 1	n.a.
W12	12 19 13	6 [♂] 19'29	4 [♂] 12	10 [♂] 41	3 [♂] 6	19 [♂] 43	16 [♂] 29	11 [♂] 53	22 [♂] 19	15 [♂] 59	23 [♂] 52	11 [♂] 50	10 [♂] 47	5 [♂] 8	n.a.
T 13	12 23 9	7 [♂] 16'53	16 [♂] 21	10 [♂] 9	4 [♂] 17	20 [♂] 14	16 [♂] 21	11 [♂] 57	22 [♂] 17	16 [♂] 0	23 [♂] 51	11 [♂] R50	10 [♂] 44	5 [♂] 15	n.a.
F 14	12 27 6	8 [♂] 14'17	28 [♂] 42	9 [♂] 36	5 [♂] 28	20 [♂] 45	16 [♂] 14	12 [♂] 2	22 [♂] 16	16 [♂] 2	23 [♂] 49	11 [♂] 49	10 [♂] 41	5 [♂] 21	n.a.
S 15	12 31 2	9 [♂] 11'39	11 [♂] Y18	9 [♂] 2	6 [♂] 39	21 [♂] 15	16 [♂] 6	12 [♂] 7	22 [♂] 14	16 [♂] 3	23 [♂] 47	11 [♂] 47	10 [♂] 37	5 [♂] 28	n.a.
S 16	12 34 59	10 [♂] 9'00	24 [♂] 9	8 [♂] 28	7 [♂] 51	21 [♂] 45	15<								

SWISS EPHEMERIS for the year 1707 BCE

MAY 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	13 34 7	24°27'06	22°28'	5°7	25°44	28°40	14°R 5	13°32	21°R45	16°23	23°R22	11°R 6	9°46	7°15	n.a.
T 2	13 38 4	25°24'12	5°30	5°27	26°56	29° 5	13°58	13°38	21°M43	16°25	23°20	10°M59	9°43	7°22	n.a.
W 3	13 42 0	26°21'18	18°11	5°50	28° 8	29°30	13°50	13°44	21°41	16°27	23°19	10°52	9°40	7°28	n.a.
T 4	13 45 57	27°18'23	0°35	6°18	29°19	29°54	13°43	13°50	21°39	16°28	23°17	10°47	9°37	7°35	n.a.
F 5	13 49 54	28°15'28	12°43	6°51	0°31	0°18	13°36	13°56	21°37	16°30	23°16	10°44	9°34	7°42	n.a.
S 6	13 53 50	29°12'33	24°40	7°28	1°43	0°41	13°29	14° 2	21°35	16°31	23°14	10°D43	9°31	7°48	n.a.
S 7	13 57 47	0°9'38	6°31	8° 9	2°55	1° 4	13°22	14° 9	21°33	16°33	23°12	10°43	9°27	7°55	n.a.
M 8	14 1 43	1° 6'42	18°21	8°54	4° 7	1°27	13°15	14°15	21°31	16°35	23°11	10°44	9°24	8° 2	n.a.
T 9	14 5 40	2° 3'47	0°15	9°44	5°19	1°49	13° 8	14°21	21°28	16°36	23° 9	10°45	9°21	8° 8	n.a.
W10	14 9 36	3° 0'51	2°18	10°37	6°31	2°10	13° 1	14°27	21°26	16°38	23° 8	10°R45	9°18	8°15	n.a.
T 11	14 13 33	3°57'56	24°34	11°35	7°44	2°31	12°54	14°34	21°24	16°40	23° 6	10°44	9°15	8°22	n.a.
F 12	14 17 29	4°55'00	7°7	12°36	8°56	2°52	12°48	14°40	21°22	16°41	23° 4	10°41	9°12	8°28	n.a.
S 13	14 21 26	5°52'04	19°58	13°41	10° 8	3°12	12°41	14°47	21°19	16°43	23° 3	10°36	9° 8	8°35	n.a.
S 14	14 25 23	6°49'09	3°9	14°50	11°20	3°31	12°35	14°53	21°17	16°45	23° 1	10°28	9° 5	8°42	n.a.
M15	14 29 19	7°46'13	16°38	16° 3	12°32	3°50	12°28	15° 0	21°15	16°47	23° 0	10°20	9° 2	8°48	n.a.
T 16	14 33 16	8°43'17	0°23	17°19	13°45	4° 9	12°22	15° 7	21°12	16°49	22°58	10°10	8°59	8°55	n.a.
W17	14 37 12	9°40'21	14°21	18°39	14°57	4°26	12°16	15°13	21°10	16°50	22°57	10° 1	8°56	9° 2	n.a.
T 18	14 41 9	10°37'25	28°27	20° 2	16° 9	4°44	12°10	15°20	21° 8	16°52	22°55	9°54	8°52	9° 8	n.a.
F 19	14 45 5	11°34'29	12°38	21°30	17°22	5° 0	12° 4	15°27	21° 5	16°54	22°54	9°48	8°49	9°15	n.a.
S 20	14 49 2	12°31'32	26°50	23° 0	18°34	5°16	11°59	15°34	21° 3	16°56	22°52	9°45	8°46	9°22	n.a.
S 21	14 52 58	13°28'35	11°1	24°34	19°47	5°32	11°53	15°41	21° 0	16°58	22°51	9°D44	8°43	9°28	n.a.
M22	14 56 55	14°25'38	25° 8	26°11	20°59	5°47	11°48	15°47	20°58	17° 0	22°49	9°45	8°40	9°35	n.a.
T 23	15 0 52	15°22'41	9°12	27°52	22°11	6° 1	11°42	15°54	20°56	17° 2	22°48	9°R45	8°37	9°42	n.a.
W24	15 4 48	16°19'44	23°11	29°36	23°24	6°15	11°37	16° 1	20°53	17° 4	22°46	9°44	8°33	9°48	n.a.
T 25	15 8 45	17°16'46	7°3	1°23	24°37	6°28	11°32	16° 8	20°51	17° 6	22°45	9°42	8°30	9°55	n.a.
F 26	15 12 41	18°13'49	20°48	3°13	25°49	6°40	11°27	16°15	20°48	17° 8	22°43	9°36	8°27	10° 2	n.a.
S 27	15 16 38	19°10'52	4°22	5° 6	27° 2	6°52	11°23	16°23	20°46	17°10	22°42	9°29	8°24	10° 8	n.a.
S 28	15 20 34	20° 7'55	17°44	7° 1	28°14	7° 3	11°18	16°30	20°44	17°12	22°41	9°18	8°21	10°15	n.a.
M29	15 24 31	21° 4'59	0°51	8°59	29°27	7°13	11°14	16°37	20°41	17°14	22°39	9° 7	8°17	10°21	n.a.
T 30	15 28 27	22° 2'03	13°42	11° 0	0°40	7°23	11° 9	16°44	20°39	17°16	22°38	8°55	8°14	10°28	n.a.
W31	15 32 24	22°59'07	26°16	13°2	1°53	7°32	11°5	16°51	20°36	17°18	22°37	8°44	8°11	10°35	n.a.

Delta T = 11h24m52s Julian Calendar 1 May 1707 BCE == Greg. Calendar 16 Apr. 1707 BCE
 The year -1706 astronomical counting style corresponds to year 1707 B.C.E historical counting style.

JUNE 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	15 36 20	23°56'13	8°35	15°8	3°8	7°34	11°R 1	16°58	20°R34	17°20	22°R35	8°R35	8°M 8	10°41	n.a.
F 2	15 40 17	24°53'19	20°41	17°11	4°18	7°47	10°58	17° 6	20°M32	17°22	22°34	8°M28	8° 5	10°48	n.a.
S 3	15 44 14	25°50'25	2°36	19°18	5°31	7°54	10°54	17°13	20°29	17°24	22°33	8°24	8° 2	10°55	n.a.
S 4	15 48 10	26°47'33	14°26	21°25	6°44	8° 0	10°51	17°20	20°27	17°26	22°31	8°22	7°58	11° 1	n.a.
M 5	15 52 7	27°44'41	26°16	23°33	7°57	8° 5	10°47	17°28	20°24	17°28	22°30	8°D21	7°55	11° 8	n.a.
T 6	15 56 3	28°41'50	8°8	9°10	9°10	8° 9	10°44	17°35	20°22	17°30	22°29	8°R21	7°52	11°15	n.a.
W 7	16 0 0	29°39'00	20°13	27°49	10°23	8°13	10°41	17°42	20°20	17°33	22°28	8°21	7°49	11°21	n.a.
T 8	16 3 56	0°36'11	2°33	29°57	11°36	8°15	10°39	17°50	20°17	17°35	22°27	8°19	7°46	11°28	n.a.
F 9	16 7 53	1°33'23	15°11	2°11	12°49	8°17	10°36	17°57	20°15	17°37	22°25	8°15	7°43	11°35	n.a.
S 10	16 11 49	2°30'37	28°13	4°10	14° 2	8°18	10°34	18° 5	20°12	17°39	22°24	8° 8	7°39	11°41	n.a.
S 11	16 15 46	3°27'51	11°38	6°16	15°15	8°R19	10°32	18°12	20°10	17°41	22°23	7°59	7°36	11°48	n.a.
M12	16 19 43	4°25'06	25°27	8°21	16°28	8°18	10°30	18°20	20° 8	17°43	22°22	7°48	7°33	11°55	n.a.
T 13	16 23 39	5°22'22	9°36	10°24	17°42	8°17	10°28	18°27	20° 5	17°46	22°21	7°37	7°30	12° 1	n.a.
W14	16 27 36	6°19'39	24° 0	12°26	18°55	8°15	10°26	18°35	20° 3	17°48	22°20	7°25	7°27	12° 8	n.a.
T 15	16 31 32	7°16'56	8°31	14°26	20° 8	8°12	10°25	18°42	20° 1	17°50	22°19	7°16	7°23	12°15	n.a.
F 16	16 35 29	8°14'15	23° 5	16°25	21°21	8° 8	10°23	18°50	19°59	17°52	22°18	7° 9	7°20	12°21	n.a.
S 17	16 39 25	9°11'34	7°34	18°23	22°35	8° 4	10°22	18°58	19°56	17°54	22°17	7° 5	7°17	12°28	n.a.
S 18	16 43 22	10° 8'54	21°54	20°19	23°48	7°59	10°21	19° 5	19°54	17°57	22°16	7° 3	7°14	12°35	n.a.
M19	16 47 19	11° 6'15	6°4	22°14	25° 2	7°52	10°21	19°13	19°52	17°59	22°15	7° 2	7°11	12°41	n.a.
T 20	16 51 15	12° 3'36	20° 2	24° 6	26°15	7°46	10°20	19°20	19°50	18° 1	22°14	7° 2	7° 8	12°48	n.a.
W21	16 55 12	13° 0'59	3°48	25°58	27°28	7°38	10°20	19°28	19°48	18° 3	22°13	7° 1	7° 4	12°55	n.a.
T 22	16 59 8	13°58'22	17°22	27°47	28°42	7°30	10°D20	19°36	19°45	18° 5	22°13	6°58	7° 1	13° 1	n.a.
F 23	17 3 5	14°55'46	0°44	29°36	29°56	7°21	10°20	19°43	19°43	18° 8	22°12	6°52	6°58	13° 8	n.a.
S 24	17 7 1	15°53'11	13°56	1°22	1°11	7°12	10°20	19°51	19°41	18°10	22°11	6°44	6°55	13°15	n.a.
S 25	17 10 58	16°50'37	26°56	3° 7	2°23	7° 1	10°20	19°59	19°39	18°12	22°10	6°33	6°52	13°21	n.a.
M26	17 14 54	17°48'05	9°44	4°50	3°36	6°51	10°21	20° 6	19°37	18°14	22° 9	6°20	6°49	13°28	n.a.
T 27	17 18 51	18°45'34	22°19	6°32	4°50	6°39	10°21	20°14	19°35	18°16	22° 9	6° 8	6°45	13°35	n.a.
W28	17 22 48	19°43'04	8°41	8°12	6° 4	6°27	10°22	20°21	19°33	18°19	22° 8	5°56	6°42	13°41	n.a.
T 29	17 26 44	20°40'35	16°52	9°51	7°17	6°15	10°23	20°29	19°31	18°21	22° 7	5°46	6°39	13°48	n.a.
F 30	17 30 41	21°38'08	28°52	11°28	8°11	6°3	10°25	20°37	19°29	18°23	22° 7	5°38	6°36	13°55	n.a.

Delta T = 11h24m50s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [7.2.2007]

SWISS EPHEMERIS for the year 1707 BCE

JULY 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
S 1	17 34 37	22II35'43	10≈44	13☾ 4	9II45	5°R48	10≈26	20II44	19°R27	18II25	22°R 6	5°R33	6II33	14≈ 1	n.a.	
S 2	17 38 34	23°33'19	22°32	14°38	10°59	5☾34	10°28	20°52	19II26	18°28	22≈ 6	5II30	6°29	14° 8	n.a.	
M 3	17 42 30	24°30'57	4X20	16°10	12°13	5°19	10°30	21° 0	19°24	18°30	22° 5	5°D29	6°26	14°15	n.a.	
T 4	17 46 27	25°28'36	16°12	17°41	13°27	5° 5	10°32	21° 7	19°22	18°32	22° 5	5°30	6°23	14°21	n.a.	
W 5	17 50 23	26°26'18	28°15	19°11	14°41	4°49	10°34	21°15	19°20	18°34	22° 4	5°R30	6°20	14°28	n.a.	
T 6	17 54 20	27°24'01	10Y33	20°39	15°55	4°34	10°36	21°23	19°18	18°36	22° 4	5°29	6°17	14°35	n.a.	
F 7	17 58 17	28°21'46	23°12	22° 5	17° 9	4°18	10°39	21°30	19°17	18°39	22° 3	5°26	6°14	14°41	n.a.	
S 8	18 2 13	29°19'32	6R16	23°30	18°23	4° 2	10°42	21°38	19°15	18°41	22° 3	5°21	6°10	14°48	n.a.	
S 9	18 6 10	0☽17'21	19°47	24°53	19°37	3°46	10°45	21°45	19°13	18°43	22° 3	5°14	6° 7	14°55	n.a.	
M10	18 10 6	1°15'12	3II45	26°14	20°51	3°30	10°48	21°53	19°12	18°45	22° 2	5° 5	6° 4	15° 1	n.a.	
T11	18 14 3	2°13'04	18° 8	27°34	22° 5	3°14	10°51	22° 1	19°10	18°47	22° 2	4°56	6° 1	15° 8	n.a.	
W12	18 17 59	3°10'59	2☽50	28°52	23°19	2°57	10°54	22° 8	19° 9	18°50	22° 2	4°46	5°58	15°15	n.a.	
T13	18 21 56	4° 8'55	17°44	0Ω 8	24°34	2°41	10°58	22°16	19° 7	18°52	22° 2	4°38	5°55	15°21	n.a.	
F14	18 25 52	5° 6'52	2Ω41	1°22	25°48	2°25	11° 2	22°23	19° 6	18°54	22° 2	4°32	5°51	15°28	n.a.	
S15	18 29 49	6° 4'52	17°31	2°35	27° 2	2° 9	11° 6	22°31	19° 4	18°56	22° 1	4°29	5°48	15°34	n.a.	
S16	18 33 46	7° 2'52	2II10	3°45	28°16	1°53	11°10	22°38	19° 3	18°58	22° 1	4°D28	5°45	15°41	n.a.	
M17	18 37 42	8° 0'54	16°31	4°53	29°31	1°38	11°14	22°46	19° 2	19° 0	22° 1	4°28	5°42	15°48	n.a.	
T18	18 41 39	8°58'58	0≈34	5°59	0☽45	1°22	11°19	22°53	19° 0	19° 2	22° 1	4°29	5°39	15°54	n.a.	
W19	18 45 35	9°57'03	14°18	7° 3	2° 0	1° 7	11°23	23° 1	18°59	19° 5	22°D 1	4°R29	5°35	16° 1	n.a.	
T20	18 49 32	10°55'10	27°44	8° 4	3°14	0°53	11°28	23° 8	18°58	19° 7	22° 1	4°28	5°32	16° 8	n.a.	
F21	18 53 28	11°53'19	10II53	9° 3	4°28	0°39	11°33	23°16	18°57	19° 9	22° 1	4°24	5°29	16°14	n.a.	
S22	18 57 25	12°51'29	23°48	9°59	5°43	0°25	11°38	23°23	18°56	19°11	22° 1	4°18	5°26	16°21	n.a.	
S23	19 1 21	13°49'41	6≈30	10°52	6°57	0°12	11°43	23°30	18°55	19°13	22° 1	4°11	5°23	16°28	n.a.	
M24	19 5 18	14°47'54	18°59	11°42	8°12	29≈759	11°49	23°38	18°54	19°15	22° 2	4° 2	5°20	16°34	n.a.	
T25	19 9 15	15°46'10	1☾18	12°29	9°27	29°47	11°54	23°45	18°53	19°17	22° 2	3°53	5°16	16°41	n.a.	
W26	19 13 11	16°44'27	13°28	13°12	10°41	29°35	12° 0	23°52	18°52	19°19	22° 2	3°45	5°13	16°48	n.a.	
T27	19 17 8	17°42'47	25°29	13°52	11°56	29°24	12° 6	24° 0	18°51	19°21	22° 2	3°38	5°10	16°54	n.a.	
F28	19 21 4	18°41'08	7≈22	14°27	13°10	29°13	12°12	24° 7	18°50	19°23	22° 3	3°32	5° 7	17° 1	n.a.	
S29	19 25 1	19°39'32	19°11	14°58	14°25	29° 4	12°18	24°14	18°49	19°25	22° 3	3°29	5° 4	17° 8	n.a.	
S30	19 28 57	20°37'57	0X58	15°25	15°40	28°55	12°25	24°21	18°49	19°27	22° 3	3°D28	5° 1	17°14	n.a.	
M31	19 32 54	21☽36'25	12X46	15Ω47	16☽54	28≈46	12≈31	24II28	18II48	19II29	22≈ 4	3II28	4II57	17≈21	n.a.	

Delta T = 11h24m48s Julian Calendar 1 July 1707 BCE == Greg. Calendar 16 June 1707 BCE

The year -1706 astronomical counting style corresponds to year 1707 B.C.E historical counting style.

AUGUST 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
T 1	19 36 50	22☽34'55	24X39	16Ω 3	18☽ 9	28°R38	12≈38	24II35	18°R47	19II31	22≈ 4	3II30	4II54	17≈28	n.a.	
W 2	19 40 47	23°33'27	6Y41	16°14	19°24	28≈31	12°45	24°42	18II47	19°33	22° 4	3°31	4°51	17°34	n.a.	
T 3	19 44 44	24°32'02	18°58	16°R19	20°39	28°25	12°52	24°49	18°46	19°35	22° 5	3°R32	4°48	17°41	n.a.	
F 4	19 48 40	25°30'39	1☾34	16°18	21°54	28°20	12°59	24°56	18°46	19°37	22° 5	3°32	4°45	17°48	n.a.	
S 5	19 52 37	26°29'19	14°33	16°10	23° 8	28°15	13° 6	25° 3	18°45	19°39	22° 6	3°31	4°41	17°54	n.a.	
S 6	19 56 33	27°28'01	28° 0	15°56	24°23	28°11	13°13	25°10	18°45	19°40	22° 7	3°28	4°38	18° 1	n.a.	
M 7	20 0 30	28°26'45	11II56	15°34	25°38	28° 8	13°21	25°17	18°44	19°42	22° 7	3°23	4°35	18° 8	n.a.	
T 8	20 4 26	29°25'32	26°19	15° 6	26°53	28° 5	13°28	25°24	18°44	19°44	22° 8	3°18	4°32	18°14	n.a.	
W 9	20 8 23	0Ω24'21	11☽ 5	14°30	28° 8	28° 3	13°36	25°31	18°44	19°46	22° 9	3°13	4°29	18°21	n.a.	
T10	20 12 19	1°23'13	26° 9	13°48	29°23	28° 3	13°44	25°37	18°44	19°48	22° 9	3° 9	4°26	18°27	n.a.	
F11	20 16 16	2°22'06	11Ω19	12°59	0Ω38	28°D 3	13°52	25°44	18°43	19°49	22°10	3° 6	4°22	18°34	n.a.	
S12	20 20 13	3°21'02	26°28	12° 5	1°53	28° 3	14° 0	25°51	18°43	19°51	22°11	3°D 5	4°19	18°41	n.a.	
S13	20 24 9	4°20'00	11II25	11° 5	3° 8	28° 5	14° 9	25°57	18°D43	19°53	22°12	3° 5	4°16	18°47	n.a.	
M14	20 28 6	5°18'59	26° 4	10° 2	4°23	28° 7	14°17	26° 4	18°43	19°54	22°12	3° 6	4°13	18°54	n.a.	
T15	20 32 2	6°18'01	10≈20	8°56	5°38	28°10	14°26	26°10	18°43	19°56	22°13	3° 8	4°10	19° 1	n.a.	
W16	20 35 59	7°17'04	24°12	7°48	6°53	28°14	14°34	26°17	18°43	19°58	22°14	3° 9	4° 7	19° 7	n.a.	
T17	20 39 55	8°16'10	7II40	6°42	8° 8	28°19	14°43	26°23	18°44	19°59	22°15	3°R 9	4° 3	19°14	n.a.	
F18	20 43 52	9°15'17	20°46	5°38	9°24	28°25	14°52	26°29	18°44	20° 1	22°16	3° 9	4° 0	19°21	n.a.	
S19	20 47 48	10°14'26	3≈32	4°38	10°39	28°31	15° 1	26°35	18°44	20° 3	22°17	3° 7	3°57	19°27	n.a.	
S20	20 51 45	11°13'38	16° 3	3°43	11°54	28°38	15°10	26°42	18°44	20° 4	22°18	3° 5	3°54	19°34	n.a.	
M21	20 55 42	12°12'51	28°20	2°56	13° 9	28°46	15°19	26°48	18°45	20° 6	22°19	3° 2	3°51	19°41	n.a.	
T22	20 59 38	13°12'06	10☽27	2°17	14°24	28°54	15°29	26°54	18°45	20° 7	22°20	2°58	3°47	19°47	n.a.	
W23	21 3 35	14°11'24	22°25	1°48	15°39	29° 4	15°38	27° 0	18°46	20° 9	22°21	2°55	3°44	19°54	n.a.	
T24	21 7 31	15°10'43	4≈18	1°29	16°54	29°13	15°48	27° 6	18°46	20°10	22°23	2°53	3°41	20° 1	n.a.	
F25	21 11 28	16°10'05	16° 7	1°D20	18°10	29°24	15°58	27°12	18°47	20°12	22°24	2°51	3°38	20° 7	n.a.	
S26	21 15 24	17° 9'29	27°55	1°23	19°25	29°35	16° 8	27°18	18°47	20°13	22°25	2°D50	3°35	20°14	n.a.	
S27	21 19 21	18° 8'55	9X44	1°35	20°40	29°47	16°17	27°23	18°48	20°14	22°26	2°50	3°32	20°21	n.a.	
M28	21 23 17	19° 8'23	21°35	1°58	21°55	29°58	16°27	27°29	18°49	20°16	22°27	2°51	3°28	20°27	n.a.	
T29	21 27 14	20° 7'54	3Y33	2°31	23°11	0°13	16°38	27°35	18°50	20°17	22°29	2°52	3°25	20°34	n.a.	
W30	21 31 11	21° 7'27	15°39	3°13	24°26	0°27	16°48	27°40	18°50	20°18	22°30	2°53	3°22	20°40	n.a.	
T31	21 35 7	22Ω 7'02	27Y58	4Ω 3	25Ω41	0☾42	16≈58	27II46	18II51	20II20	22≈31	2II54	3II19	20≈47	n.a.	

Delta T = 11h24m46s

Julian Calendar

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SWISS EPHEMERIS for the year 1707 BCE

SEPTEMBER 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	21 39 4	23Ω 6'40	10♄34	5Ω 1	26♁56	0♃57	17♁ 9	27♁51	18♁52	20♁21	22♁33	2♁55	3♁16	20♁54	n.a.		
S 2	21 43 0	24° 6'21	23°29	6° 6	28°12	1°13	17°19	27°57	18°53	20°22	22°34	2°R55	3°12	21° 0	n.a.		
S 3	21 46 57	25° 6'04	6♁49	7°17	29°27	1°29	17°30	28° 2	18°54	20°23	22°36	2°55	3° 9	21° 7	n.a.		
M 4	21 50 53	26° 5'49	20°34	8°34	0♁42	1°46	17°41	28° 7	18°55	20°24	22°37	2°55	3° 6	21°14	n.a.		
T 5	21 54 50	27° 5'37	4♁45	9°55	1°57	2° 3	17°51	28°12	18°56	20°25	22°39	2°54	3° 3	21°20	n.a.		
W 6	21 58 46	28° 5'27	19°20	11°20	3°13	2°21	18° 2	28°17	18°58	20°27	22°40	2°53	3° 0	21°27	n.a.		
T 7	22 2 43	29° 5'20	4♁16	12°48	4°28	2°40	18°13	28°22	18°59	20°28	22°42	2°53	2°57	21°34	n.a.		
F 8	22 6 40	0♁ 5'15	19°24	14°19	5°43	2°59	18°24	28°27	19° 0	20°29	22°43	2°53	2°53	21°40	n.a.		
S 9	22 10 36	1° 5'12	4♁37	15°53	6°59	3°18	18°36	28°32	19° 1	20°30	22°45	2°D53	2°50	21°47	n.a.		
S 10	22 14 33	2° 5'11	19°43	17°28	8°14	3°39	18°47	28°37	19° 3	20°31	22°47	2°53	2°47	21°54	n.a.		
M11	22 18 29	3° 5'12	4♁35	19° 5	9°29	3°59	18°58	28°42	19° 4	20°32	22°48	2°R53	2°44	22° 0	n.a.		
T 12	22 22 26	4° 5'15	19° 5	20°43	10°45	4°20	19°10	28°46	19° 6	20°32	22°50	2°53	2°41	22° 7	n.a.		
W13	22 26 22	5° 5'20	3♁10	22°22	12° 0	4°42	19°21	28°51	19° 7	20°33	22°52	2°52	2°38	22°14	n.a.		
T 14	22 30 19	6° 8'26	16°47	24° 1	13°16	5° 4	19°33	28°55	19° 9	20°34	22°53	2°52	2°34	22°20	n.a.		
F 15	22 34 15	7° 5'35	29°58	25°41	14°31	5°27	19°45	28°59	19°10	20°35	22°55	2°52	2°31	22°27	n.a.		
S 16	22 38 12	8° 5'45	12♁45	27°22	15°46	5°50	19°56	29° 4	19°12	20°36	22°57	2°D52	2°28	22°33	n.a.		
S 17	22 42 8	9° 5'57	25°13	29° 2	17° 2	6°13	20° 8	29° 8	19°14	20°36	22°59	2°52	2°25	22°40	n.a.		
M18	22 46 5	10° 6'10	7♁24	0♁42	18°17	6°37	20°20	29°12	19°15	20°37	23° 0	2°53	2°22	22°47	n.a.		
T 19	22 50 2	11° 6'26	19°24	2°23	19°32	7° 1	20°32	29°16	19°17	20°38	23° 2	2°54	2°18	22°53	n.a.		
W20	22 53 58	12° 6'43	1♁16	4° 3	20°48	7°26	20°44	29°20	19°19	20°38	23° 4	2°55	2°15	23° 0	n.a.		
T 21	22 57 55	13° 7'02	13° 4	5°43	22° 3	7°51	20°56	29°23	19°21	20°39	23° 6	2°55	2°12	23° 7	n.a.		
F 22	23 1 51	14° 7'22	24°52	7°23	23°18	8°16	21° 8	29°27	19°23	20°40	23° 8	2°56	2° 9	23°13	n.a.		
S 23	23 5 48	15° 7'44	6♁41	9° 2	24°34	8°42	21°21	29°31	19°25	20°40	23°10	2°R56	2° 6	23°20	n.a.		
S 24	23 9 44	16° 8'08	18°35	10°41	25°49	9° 8	21°33	29°34	19°27	20°41	23°12	2°56	2° 3	23°27	n.a.		
M25	23 13 41	17° 8'34	0♁35	12°20	27° 4	9°34	21°45	29°38	19°29	20°41	23°14	2°54	1°59	23°33	n.a.		
T 26	23 17 37	18° 9'02	12°43	13°59	28°20	10° 1	21°58	29°41	19°31	20°42	23°16	2°52	1°56	23°40	n.a.		
W27	23 21 34	19° 9'32	25° 1	15°37	29°35	10°28	22°10	29°44	19°33	20°42	23°18	2°50	1°53	23°47	n.a.		
T 28	23 25 31	20°10'04	7♁31	17°15	0♁50	10°55	22°23	29°47	19°35	20°42	23°20	2°47	1°50	23°53	n.a.		
F 29	23 29 27	21°10'37	20°14	18°52	2° 5	11°23	22°35	29°50	19°38	20°43	23°22	2°45	1°47	24° 0	n.a.		
S 30	23 33 24	22♁11'13	3♁13	20♁29	3♁21	11♁51	22♁48	29♁53	19♁40	20♁43	23♁24	2♁43	1♁43	24♁ 7	n.a.		

Delta T = 11h24m44s Julian Calendar 1 Sept. 1707 BCE == Greg. Calendar 17 Aug. 1707 BCE
 The year -1706 astronomical counting style corresponds to year 1707 B.C.E historical counting style.

OCTOBER 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	23 37 20	23♁11'51	16♁29	22♁ 6	4♁36	12♁19	23♁ 1	29♁56	19♁42	20♁43	23♁26	2°R42	1♁40	24♁13	n.a.		
M 2	23 41 17	24°12'30	0♁ 5	23°42	5°51	12°48	23°14	29°59	19°45	20°44	23°28	2°D42	1°37	24°20	n.a.		
T 3	23 45 13	25°13'12	14° 2	25°18	7° 7	13°17	23°26	0♁ 2	19°47	20°44	23°30	2♁43	1°34	24°26	n.a.		
W 4	23 49 10	26°13'56	28°18	26°54	8°22	13°46	23°39	0° 4	19°49	20°44	23°32	2°44	1°31	24°33	n.a.		
T 5	23 53 6	27°14'41	12♁54	28°30	9°37	14°16	23°52	0° 7	19°52	20°44	23°34	2°45	1°28	24°40	n.a.		
F 6	23 57 3	28°15'28	27°43	0♁ 5	10°53	14°45	24° 5	0° 9	19°54	20°44	23°36	2°R46	1°24	24°46	n.a.		
S 7	0 1 0	29°16'17	12♁42	1°40	12° 8	15°15	24°18	0°11	19°57	20°44	23°38	2°46	1°21	24°53	n.a.		
S 8	0 4 56	0♁17'07	27°40	3°15	13°23	15°45	24°31	0°13	20° 0	20°R44	23°41	2°44	1°18	25° 0	n.a.		
M 9	0 8 53	1°17'59	12♁31	4°49	14°38	16°16	24°44	0°15	20° 2	20°44	23°43	2°41	1°15	25° 6	n.a.		
T 10	0 12 49	2°18'52	27° 5	6°24	15°54	16°47	24°58	0°17	20° 5	20°44	23°45	2°37	1°12	25°13	n.a.		
W11	0 16 46	3°19'47	11♁17	7°58	17° 9	17°17	25°11	0°19	20° 8	20°44	23°47	2°32	1° 9	25°20	n.a.		
T 12	0 20 42	4°20'43	25° 3	9°32	18°24	17°49	25°24	0°20	20°10	20°44	23°49	2°28	1° 5	25°26	n.a.		
F 13	0 24 39	5°21'40	8♁21	11° 6	19°40	18°20	25°37	0°22	20°13	20°44	23°52	2°24	1° 2	25°33	n.a.		
S 14	0 28 35	6°22'38	21°14	12°39	20°55	18°52	25°51	0°24	20°16	20°44	23°54	2°21	0°59	25°40	n.a.		
S 15	0 32 32	7°23'37	3♁44	14°13	22°10	19°23	26° 4	0°25	20°19	20°44	23°56	2°D20	0°56	25°46	n.a.		
M16	0 36 28	8°24'37	15°55	15°46	23°25	19°55	26°17	0°26	20°21	20°43	23°58	2°20	0°53	25°53	n.a.		
T 17	0 40 25	9°25'38	27°54	17°19	24°40	20°28	26°31	0°27	20°24	20°43	24° 1	2°21	0°49	26° 0	n.a.		
W18	0 44 22	10°26'39	9♁44	18°52	25°56	21° 0	26°44	0°28	20°27	20°43	24° 3	2°23	0°46	26° 6	n.a.		
T 19	0 48 18	11°27'42	21°30	20°25	27°11	21°33	26°58	0°29	20°30	20°42	24° 5	2°24	0°43	26°13	n.a.		
F 20	0 52 15	12°28'46	3♁18	21°58	28°26	22° 5	27°11	0°30	20°33	20°42	24° 7	2°R25	0°40	26°19	n.a.		
S 21	0 56 11	13°29'50	15°12	23°31	29°41	22°38	27°25	0°31	20°36	20°42	24°10	2°24	0°37	26°26	n.a.		
S 22	1 0 8	14°30'56	27°13	25° 4	0♁56	23°11	27°38	0°31	20°39	20°41	24°12	2°21	0°34	26°33	n.a.		
M23	1 4 4	15°32'02	9♁25	26°37	2°11	23°45	27°52	0°32	20°42	20°41	24°14	2°16	0°30	26°39	n.a.		
T 24	1 8 1	16°33'09	21°48	28° 9	3°27	24°18	28° 5	0°32	20°45	20°40	24°17	2° 9	0°27	26°46	n.a.		
W25	1 11 57	17°34'17	4♁24	29°41	4°42	24°52	28°19	0°32	20°49	20°40	24°19	2° 1	0°24	26°53	n.a.		
T 26	1 15 54	18°35'26	17°13	1♁14	5°57	25°25	28°33	0°32	20°52	20°39	24°21	1°52	0°21	26°59	n.a.		
F 27	1 19 51	19°36'36	0♁14	2°46	7°12	25°59	28°46	0°R32	20°55	20°38	24°23	1°43	0°18	27° 6	n.a.		
S 28	1 23 47	20°37'48	13°27	4°17	8°27	26°33	29° 0	0°32	20°58	20°38	24°26	1°36	0°14	27°13	n.a.		
S 29	1 27 44	21°39'00	26°52	5°49	9°42	27° 7	29°14	0°32	21° 1	20°37	24°28	1°31	0°11	27°19	n.a.		
M30	1 31 40	22°40'13	10♁30	7°20	10°57	27°42	29°27	0°32	21° 4	20°36	24°30	1°28	0° 8	27°26	n.a.		
T 31	1 35 37	23♁41'27	24♁19	8♁51	12♁12	28♁16	29♁41	0♁31	21♁ 8	20♁36	24♁33	1°D28	0♁ 5	27♁33	n.a.		

Delta T = 11h24m42s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [7.2.2007]

SWISS EPHEMERIS for the year 1707 BCE

NOVEMBER 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
W 1	1 39 33	24 ^h 42'42"	8 ^h 21'	10 ^h 21'	13 ^h 27'	28 ^h 51'	29 ^h 55'	0 ^h R31	21 ^h 11'	20 ^h R35	24 ^h 35'	1 ^h 28'	0 ^h 22'	27 ^h 39'	n.a.
T 2	1 43 30	25 ^h 43'59"	22 ^h 36'	11 ^h 51'	14 ^h 42'	29 ^h 25'	0 ^h 11'	0 ^h 30'	21 ^h 14'	20 ^h II34	24 ^h 37'	1 ^h 29'	29 ^h 59'	27 ^h 46'	n.a.
F 3	1 47 26	26 ^h 45'15"	7 ^h 11'	13 ^h 20'	15 ^h 57'	0 ^h 22'	0 ^h 22'	0 ^h 29'	21 ^h 18'	20 ^h 33'	24 ^h 40'	1 ^h R29	29 ^h 55'	27 ^h 52'	n.a.
S 4	1 51 23	27 ^h 46'33"	21 ^h 33'	14 ^h 48'	17 ^h 12'	0 ^h 35'	0 ^h 36'	0 ^h 28'	21 ^h 21'	20 ^h 32'	24 ^h 42'	1 ^h 28'	29 ^h 52'	27 ^h 59'	n.a.
S 5	1 55 20	28 ^h 47'51"	6 ^h 08'	16 ^h 15'	18 ^h 27'	1 ^h 10'	0 ^h 50'	0 ^h 27'	21 ^h 24'	20 ^h 31'	24 ^h 44'	1 ^h 23'	29 ^h 49'	28 ^h 6'	n.a.
M 6	1 59 16	29 ^h 49'10"	20 ^h 40'	17 ^h 41'	19 ^h 42'	1 ^h 45'	1 ^h 4'	0 ^h 26'	21 ^h 28'	20 ^h 31'	24 ^h 47'	1 ^h 16'	29 ^h 46'	28 ^h 12'	n.a.
T 7	2 3 13	0 ^h 150'30"	5 ^h 11'	19 ^h 6'	20 ^h 57'	2 ^h 20'	1 ^h 18'	0 ^h 25'	21 ^h 31'	20 ^h 30'	24 ^h 49'	1 ^h 7'	29 ^h 43'	28 ^h 19'	n.a.
W 8	2 7 9	1 ^h 51'49"	19 ^h 7'	20 ^h 28'	22 ^h 12'	2 ^h 56'	1 ^h 31'	0 ^h 24'	21 ^h 35'	20 ^h 29'	24 ^h 51'	0 ^h 57'	29 ^h 40'	28 ^h 26'	n.a.
T 9	2 11 6	2 ^h 53'10"	2 ^h 51'	21 ^h 49'	23 ^h 27'	3 ^h 31'	1 ^h 45'	0 ^h 22'	21 ^h 38'	20 ^h 28'	24 ^h 54'	0 ^h 46'	29 ^h 36'	28 ^h 32'	n.a.
F 10	2 15 2	3 ^h 54'30"	16 ^h 12'	23 ^h 7'	24 ^h 42'	4 ^h 7'	1 ^h 59'	0 ^h 21'	21 ^h 41'	20 ^h 27'	24 ^h 56'	0 ^h 36'	29 ^h 33'	28 ^h 39'	n.a.
S 11	2 18 59	4 ^h 55'50"	29 ^h 7'	24 ^h 23'	25 ^h 57'	4 ^h 42'	2 ^h 13'	0 ^h 19'	21 ^h 45'	20 ^h 26'	24 ^h 58'	0 ^h 28'	29 ^h 30'	28 ^h 46'	n.a.
S 12	2 22 55	5 ^h 57'10"	11 ^h 34'	25 ^h 35'	27 ^h 12'	5 ^h 18'	2 ^h 26'	0 ^h 17'	21 ^h 48'	20 ^h 24'	25 ^h 0'	0 ^h 23'	29 ^h 27'	28 ^h 52'	n.a.
M 13	2 26 52	6 ^h 58'30"	23 ^h 54'	26 ^h 43'	28 ^h 27'	5 ^h 54'	2 ^h 40'	0 ^h 15'	21 ^h 52'	20 ^h 23'	25 ^h 3'	0 ^h 20'	29 ^h 24'	28 ^h 59'	n.a.
T 14	2 30 49	7 ^h 59'50"	5 ^h 54'	27 ^h 47'	29 ^h 42'	6 ^h 30'	2 ^h 54'	0 ^h 13'	21 ^h 55'	20 ^h 22'	25 ^h 5'	0 ^h D19	29 ^h 20'	29 ^h 6'	n.a.
W 15	2 34 45	9 ^h 1'10"	17 ^h 44'	28 ^h 45'	0 ^h 56'	7 ^h 6'	3 ^h 8'	0 ^h 11'	21 ^h 59'	20 ^h 21'	25 ^h 7'	0 ^h 19'	29 ^h 17'	29 ^h 12'	n.a.
T 16	2 38 42	10 ^h 2'30"	29 ^h 31'	29 ^h 38'	2 ^h 11'	7 ^h 42'	3 ^h 21'	0 ^h 9'	22 ^h 2'	20 ^h 20'	25 ^h 10'	0 ^h R19	29 ^h 14'	29 ^h 19'	n.a.
F 17	2 42 38	11 ^h 3'49"	11 ^h 20'	0 ^h 23'	3 ^h 26'	8 ^h 18'	3 ^h 35'	0 ^h 7'	22 ^h 6'	20 ^h 19'	25 ^h 12'	0 ^h 19'	29 ^h 11'	29 ^h 26'	n.a.
S 18	2 46 35	12 ^h 5'08"	23 ^h 16'	1 ^h 1'	4 ^h 41'	8 ^h 55'	3 ^h 49'	0 ^h 5'	22 ^h 9'	20 ^h 17'	25 ^h 14'	0 ^h 16'	29 ^h 8'	29 ^h 32'	n.a.
S 19	2 50 31	13 ^h 6'26"	5 ^h 24'	1 ^h 30'	5 ^h 56'	9 ^h 31'	4 ^h 3'	0 ^h 2'	22 ^h 13'	20 ^h 16'	25 ^h 16'	0 ^h 11'	29 ^h 5'	29 ^h 39'	n.a.
M 20	2 54 28	14 ^h 7'45"	17 ^h 45'	1 ^h 50'	7 ^h 10'	10 ^h 7'	4 ^h 16'	0 ^h 0'	22 ^h 16'	20 ^h 15'	25 ^h 18'	0 ^h 3'	29 ^h 1'	29 ^h 45'	n.a.
T 21	2 58 24	15 ^h 9'03"	0 ^h 24'	2 ^h R 0'	8 ^h 25'	10 ^h 44'	4 ^h 30'	29 ^h II57	22 ^h 20'	20 ^h 14'	25 ^h 21'	29 ^h Ω52	28 ^h 58'	29 ^h 52'	n.a.
W 22	3 2 21	16 ^h 10'20"	13 ^h 19'	1 ^h 58'	9 ^h 40'	11 ^h 21'	4 ^h 44'	29 ^h 54'	22 ^h 24'	20 ^h 12'	25 ^h 23'	29 ^h 40'	28 ^h 55'	29 ^h 59'	n.a.
T 23	3 6 17	17 ^h 11'38"	26 ^h 31'	1 ^h 45'	10 ^h 54'	11 ^h 57'	4 ^h 57'	29 ^h 51'	22 ^h 27'	20 ^h 11'	25 ^h 25'	29 ^h 27'	28 ^h 52'	0 ^h 5 5'	n.a.
F 24	3 10 14	18 ^h 12'55"	9 ^h II56	1 ^h 20'	12 ^h 9'	12 ^h 34'	5 ^h 11'	29 ^h 48'	22 ^h 31'	20 ^h 10'	25 ^h 27'	29 ^h 14'	28 ^h 49'	0 ^h 12'	n.a.
S 25	3 14 11	19 ^h 14'13"	23 ^h 34'	0 ^h 43'	13 ^h 24'	13 ^h 11'	5 ^h 25'	29 ^h 45'	22 ^h 34'	20 ^h 8'	25 ^h 29'	29 ^h 3'	28 ^h 46'	0 ^h 19'	n.a.
S 26	3 18 7	20 ^h 15'29"	7 ^h 20'	29 ^h II55	14 ^h 38'	13 ^h 47'	5 ^h 38'	29 ^h 42'	22 ^h 38'	20 ^h 7'	25 ^h 32'	28 ^h 54'	28 ^h 42'	0 ^h 25'	n.a.
M 27	3 22 4	21 ^h 16'46"	21 ^h 13'	28 ^h 57'	15 ^h 53'	14 ^h 24'	5 ^h 52'	29 ^h 39'	22 ^h 41'	20 ^h 5'	25 ^h 34'	28 ^h 49'	28 ^h 39'	0 ^h 32'	n.a.
T 28	3 26 0	22 ^h 18'03"	5 ^h Ω11	27 ^h 50'	17 ^h 7'	15 ^h 1'	6 ^h 5'	29 ^h 36'	22 ^h 45'	20 ^h 4'	25 ^h 36'	28 ^h 46'	28 ^h 36'	0 ^h 39'	n.a.
W 29	3 29 57	23 ^h 19'19"	19 ^h 12'	26 ^h 37'	18 ^h 22'	15 ^h 38'	6 ^h 19'	29 ^h 32'	22 ^h 49'	20 ^h 3'	25 ^h 38'	28 ^h 45'	28 ^h 33'	0 ^h 45'	n.a.
T 30	3 33 53	24 ^h II20'35"	3 ^h 17'	25 ^h II19	19 ^h 37'	16 ^h 315	6 ^h II32	29 ^h II29	22 ^h II52	20 ^h II 1	25 ^h 40'	28 ^h 45'	28 ^h 30'	0 ^h 52'	n.a.

Delta T = 11h24m40s Julian Calendar 1 Nov. 1707 BCE == Greg. Calendar 17 Oct. 1707 BCE
 The year -1706 astronomical counting style corresponds to year 1707 B.C.E historical counting style.

DECEMBER 1707 BCE (-1706) JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
F 1	3 37 50	25 ^h II21'51"	17 ^h 17'23"	24 ^h R 0'	20 ^h 51'	16 ^h 352	6 ^h II46	29 ^h R25	22 ^h II56	20 ^h R 0'	25 ^h 42'	28 ^h R45	28 ^h Ω26	0 ^h 59'	n.a.
S 2	3 41 47	26 ^h 23'06"	1 ^h 32'	22 ^h II41	22 ^h 6'	17 ^h 29'	6 ^h 59'	29 ^h II22	22 ^h 59'	19 ^h II58	25 ^h 44'	28 ^h Ω42	28 ^h 23'	1 ^h 5'	n.a.
S 3	3 45 43	27 ^h 24'21"	15 ^h 39'	21 ^h 26'	23 ^h 20'	18 ^h 7'	7 ^h 13'	29 ^h 18'	23 ^h 3'	19 ^h 57'	25 ^h 46'	28 ^h 36'	28 ^h 20'	1 ^h 12'	n.a.
M 4	3 49 40	28 ^h 25'36"	29 ^h 43'	20 ^h 15'	24 ^h 34'	18 ^h 44'	7 ^h 26'	29 ^h 14'	23 ^h 6'	19 ^h 55'	25 ^h 48'	28 ^h 28'	28 ^h 17'	1 ^h 19'	n.a.
T 5	3 53 36	29 ^h 26'50"	13 ^h II40	19 ^h 12'	25 ^h 49'	19 ^h 21'	7 ^h 39'	29 ^h 11'	23 ^h 10'	19 ^h 53'	25 ^h 50'	28 ^h 16'	28 ^h 14'	1 ^h 25'	n.a.
W 6	3 57 33	0 ^h 28'03"	27 ^h 25'	18 ^h 17'	27 ^h 3'	19 ^h 59'	7 ^h 53'	29 ^h 7'	23 ^h 14'	19 ^h 52'	25 ^h 52'	28 ^h 3'	28 ^h 11'	1 ^h 32'	n.a.
T 7	4 1 29	1 ^h 29'16"	10 ^h 53'	17 ^h 30'	28 ^h 18'	20 ^h 36'	8 ^h 6'	29 ^h 3'	23 ^h 17'	19 ^h 50'	25 ^h 54'	27 ^h 50'	28 ^h 7'	1 ^h 38'	n.a.
F 8	4 5 26	2 ^h 30'27"	24 ^h 4'	16 ^h 53'	29 ^h 32'	21 ^h 13'	8 ^h 19'	28 ^h 59'	23 ^h 21'	19 ^h 49'	25 ^h 56'	27 ^h 37'	28 ^h 4'	1 ^h 45'	n.a.
S 9	4 9 22	3 ^h 31'38"	6 ^h 354	16 ^h 25'	0 ^h 346	21 ^h 51'	8 ^h 32'	28 ^h 54'	23 ^h 24'	19 ^h 47'	25 ^h 58'	27 ^h 26'	28 ^h 1'	1 ^h 52'	n.a.
S 10	4 13 19	4 ^h 32'48"	19 ^h 25'	16 ^h 7'	2 ^h 0'	22 ^h 28'	8 ^h 45'	28 ^h 50'	23 ^h 28'	19 ^h 46'	26 ^h 0'	27 ^h 18'	27 ^h 58'	1 ^h 58'	n.a.
M 11	4 17 16	5 ^h 33'56"	18 ^h 38'	15 ^h 57'	3 ^h 15'	23 ^h 6'	8 ^h 58'	28 ^h 46'	23 ^h 31'	19 ^h 44'	26 ^h 2'	27 ^h 13'	27 ^h 55'	2 ^h 5'	n.a.
T 12	4 21 12	6 ^h 35'03"	13 ^h 39'	15 ^h D56	4 ^h 29'	23 ^h 43'	9 ^h 12'	28 ^h 42'	23 ^h 35'	19 ^h 42'	26 ^h 4'	27 ^h 11'	27 ^h 52'	2 ^h 12'	n.a.
W 13	4 25 9	7 ^h 36'09"	25 ^h 30'	16 ^h 3'	5 ^h 43'	24 ^h 21'	9 ^h 25'	28 ^h 38'	23 ^h 38'	19 ^h 41'	26 ^h 6'	27 ^h D10	27 ^h 48'	2 ^h 18'	n.a.
T 14	4 29 5	8 ^h 37'13"	7 ^h 17'	16 ^h 17'	6 ^h 57'	24 ^h 59'	9 ^h 37'	28 ^h 33'	23 ^h 42'	19 ^h 39'	26 ^h 8'	27 ^h R10	27 ^h 45'	2 ^h 25'	n.a.
F 15	4 33 2	9 ^h 38'16"	19 ^h 6'	16 ^h 37'	8 ^h 11'	25 ^h 36'	9 ^h 50'	28 ^h 29'	23 ^h 45'	19 ^h 37'	26 ^h 10'	27 ^h 10'	27 ^h 42'	2 ^h 32'	n.a.
S 16	4 36 58	10 ^h 39'18"	1 ^h 39'	17 ^h 4'	9 ^h 25'	26 ^h 14'	10 ^h 3'	28 ^h 24'	23 ^h 49'	19 ^h 36'	26 ^h 11'	27 ^h 8'	27 ^h 39'	2 ^h 38'	n.a.
S 17	4 40 55	11 ^h 40'18"	13 ^h 12'	17 ^h 37'	10 ^h 39'	26 ^h 52'	10 ^h 16'	28 ^h 20'	23 ^h 52'	19 ^h 34'	26 ^h 13'	27 ^h 4'	27 ^h 36'	2 ^h 45'	n.a.
M 18	4 44 51	12 ^h 41'17"	25 ^h 39'	18 ^h 14'	11 ^h 53'	27 ^h 30'	10 ^h 29'	28 ^h 15'	23 ^h 56'	19 ^h 32'	26 ^h 15'	26 ^h 57'	27 ^h 32'	2 ^h 52'	n.a.
T 19	4 48 48	13 ^h 42'14"	8 ^h 26'	18 ^h 56'	13 ^h 7'	28 ^h 8'	10 ^h 41'	28 ^h 11'	23 ^h 59'	19 ^h 31'	26 ^h 17'	26 ^h 48'	27 ^h 29'	2 ^h 58'	n.a.
W 20	4 52 4														