

SWISS EPHEMERIS for the year 1711

JANUARY 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	6 39 52	10♁2'26	24♁27	7♁3	3♁33	29°R 8	18♁38	28°R15	1°R56	27°R27	0°R18	13°R20	14♁38	23°V56	1♁30		
F 2	6 43 49	11° 3'35	6♁45	8°39	4°49	29°Ω 6	18°51	28°Ω10	1°V55	27°V27	0°V17	13°Ω15	14°34	24° 3	1°35		
S 3	6 47 45	12° 4'44	19°16	10°16	6° 4	29° 4	19° 4	28° 6	1°54	27°27	0°16	13° 9	14°31	24°10	1°40		
S 4	6 51 42	13° 5'53	2♁ 3	11°53	7°20	29° 1	19°17	28° 1	1°52	27°27	0°16	13° 4	14°28	24°17	1°45		
M 5	6 55 38	14° 7'01	15° 5	13°30	8°35	28°57	19°30	27°56	1°51	27°27	0°15	13° 0	14°25	24°23	1°49		
T 6	6 59 35	15° 8'09	28°21	15° 8	9°51	28°52	19°43	27°52	1°49	27°27	0°14	12°57	14°22	24°30	1°54		
W 7	7 3 31	16° 9'17	11♁50	16°47	11° 6	28°47	19°56	27°47	1°48	27°27	0°13	12°D57	14°19	24°37	1°59		
T 8	7 7 28	17°10'25	25°31	18°25	12°22	28°41	20° 9	27°42	1°46	27°D27	0°12	12°57	14°15	24°43	2° 4		
F 9	7 11 24	18°11'33	9♁21	20° 5	13°37	28°34	20°22	27°37	1°45	27°27	0°11	12°58	14°12	24°50	2° 9		
S 10	7 15 21	19°12'40	23°18	21°44	14°52	28°26	20°34	27°32	1°43	27°27	0°10	13° 0	14° 9	24°57	2°14		
S 11	7 19 18	20°13'47	7♁22	23°24	16° 8	28°17	20°47	27°27	1°41	27°27	0° 8	13° 1	14° 6	25° 4	2°18		
M12	7 23 14	21°14'54	21°31	25° 5	17°23	28° 8	21° 0	27°23	1°39	27°27	0° 7	13°R 2	14° 3	25°10	2°23		
T 13	7 27 11	22°16'01	5♁43	26°46	18°39	27°57	21°13	27°18	1°38	27°27	0° 6	13° 1	13°59	25°17	2°28		
W14	7 31 7	23°17'08	19°55	28°28	19°54	27°46	21°25	27°13	1°36	27°27	0° 5	13° 0	13°56	25°24	2°33		
T 15	7 35 4	24°18'15	4♁ 6	0♁10	21°10	27°34	21°38	27° 8	1°34	27°27	0° 4	12°57	13°53	25°30	2°38		
F 16	7 39 0	25°19'21	18°11	1°52	22°25	27°22	21°50	27° 3	1°32	27°28	0° 3	12°55	13°50	25°37	2°43		
S 17	7 42 57	26°20'27	2♁ 7	3°35	23°40	27° 8	22° 3	26°58	1°30	27°28	0° 2	12°52	13°47	25°44	2°48		
S 18	7 46 53	27°21'32	15°51	5°18	24°56	26°54	22°15	26°53	1°28	27°28	0° 0	12°50	13°44	25°51	2°53		
M19	7 50 50	28°22'36	29°20	7° 1	26°11	26°39	22°27	26°48	1°26	27°29	29°Ω59	12°49	13°40	25°57	2°58		
T 20	7 54 47	29°23'40	12♁31	8°44	27°27	26°23	22°40	26°43	1°24	27°29	29°58	12°D49	13°37	26° 4	3° 3		
W21	7 58 43	0♁24'43	25°25	10°28	28°42	26° 7	22°52	26°38	1°22	27°30	29°57	12°49	13°34	26°11	3° 8		
T 22	8 2 40	1°25'44	8♁ 1	12°11	29°58	25°49	23° 4	26°33	1°20	27°30	29°55	12°50	13°31	26°17	3°13		
F 23	8 6 36	2°26'45	20°21	13°55	1♁13	25°32	23°16	26°28	1°17	27°30	29°54	12°51	13°28	26°24	3°18		
S 24	8 10 33	3°27'45	2°V29	15°38	2°28	25°13	23°28	26°23	1°15	27°31	29°53	12°52	13°25	26°31	3°23		
S 25	8 14 29	4°28'43	14°27	17°20	3°44	24°54	23°40	26°19	1°13	27°32	29°51	12°53	13°21	26°38	3°28		
M26	8 18 26	5°29'40	26°19	19° 1	4°59	24°35	23°52	26°14	1°11	27°32	29°50	12°53	13°18	26°44	3°33		
T 27	8 22 22	6°30'37	8♁12	20°42	6°14	24°14	24° 3	26° 9	1° 9	27°33	29°49	12°R54	13°15	26°51	3°38		
W28	8 26 19	7°31'31	20° 8	22°21	7°30	23°54	24°15	26° 4	1° 6	27°34	29°47	12°53	13°12	26°58	3°43		
T 29	8 30 16	8°32'25	2♁14	23°58	8°45	23°32	24°27	25°59	1° 4	27°34	29°46	12°53	13° 9	27° 4	3°48		
F 30	8 34 12	9°33'17	14°33	25°33	10° 0	23°11	24°38	25°54	1° 1	27°35	29°44	12°53	13° 5	27°11	3°53		
S 31	8 38 9	10♁34'08	27♁ 8	27♁ 6	11♁16	22°Ω49	24♁50	25°Ω50	0°V59	27°V36	29°Ω43	12♁52	13♁ 2	27°V18	3♁57		

Delta T = 8.92 sec.

Greg. Calendar

FEBRUARY 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	8 42 5	11♁34'57	10♁ 3	28♁35	12♁31	22°R26	25♁ 1	25°R45	0°R57	27°V37	29°R42	12°R52	12♁59	27°V25	4♁ 2		
M 2	8 46 2	12°35'45	23°19	0♁ 0	13°46	22°Ω 3	25°12	25°Ω40	0°V54	27°37	29°Ω40	12°D52	12°56	27°31	4° 7		
T 3	8 49 58	13°36'32	6♁54	1°21	15° 1	21°40	25°24	25°36	0°52	27°38	29°39	12°R52	12°53	27°38	4°12		
W 4	8 53 55	14°37'18	20°49	2°37	16°17	21°17	25°35	25°31	0°49	27°39	29°37	12♁52	12°50	27°45	4°17		
T 5	8 57 51	15°38'02	4♁58	3°47	17°32	20°53	25°46	25°27	0°47	27°40	29°36	12°52	12°46	27°52	4°22		
F 6	9 1 48	16°38'45	19°17	4°50	18°47	20°30	25°57	25°22	0°44	27°41	29°34	12°51	12°43	27°58	4°27		
S 7	9 5 45	17°39'26	3♁43	5°45	20° 2	20° 6	26° 8	25°18	0°42	27°42	29°33	12°51	12°40	28° 5	4°32		
S 8	9 9 41	18°40'07	18° 8	6°33	21°18	19°42	26°18	25°14	0°39	27°43	29°31	12°50	12°37	28°12	4°37		
M 9	9 13 38	19°40'46	2♁30	7°12	22°33	19°18	26°29	25° 9	0°37	27°44	29°30	12°50	12°34	28°18	4°41		
T 10	9 17 34	20°41'25	16°45	7°41	23°48	18°54	26°40	25° 5	0°34	27°45	29°28	12°D50	12°31	28°25	4°46		
W11	9 21 31	21°42'02	0♁50	8° 1	25° 3	18°30	26°50	25° 1	0°32	27°46	29°27	12°50	12°27	28°32	4°51		
T 12	9 25 27	22°42'38	14°43	8°R10	26°18	18° 6	27° 0	24°57	0°29	27°48	29°25	12°50	12°24	28°39	4°56		
F 13	9 29 24	23°43'13	28°25	8° 9	27°33	17°43	27°11	24°53	0°26	27°49	29°24	12°51	12°21	28°45	5° 1		
S 14	9 33 20	24°43'47	11♁54	7°57	28°48	17°19	27°21	24°49	0°24	27°50	29°22	12°52	12°18	28°52	5° 5		
S 15	9 37 17	25°44'19	25°10	7°35	0♁ 4	16°56	27°31	24°45	0°21	27°51	29°21	12°53	12°15	28°59	5°10		
M16	9 41 14	26°44'50	8♁13	7° 4	1°19	16°33	27°41	24°41	0°18	27°52	29°19	12°R54	12°11	29° 5	5°15		
T 17	9 45 10	27°45'20	21° 3	6°24	2°34	16°10	27°51	24°38	0°16	27°54	29°18	12°54	12° 8	29°12	5°19		
W18	9 49 7	28°45'47	3♁41	5°36	3°49	15°48	28° 1	24°34	0°13	27°55	29°16	12°53	12° 5	29°19	5°24		
T 19	9 53 3	29°46'13	16° 7	4°42	5° 4	15°26	28°10	24°30	0°11	27°56	29°15	12°51	12° 2	29°26	5°29		
F 20	9 57 0	0♁46'37	28°21	3°42	6°19	15° 5	28°20	24°27	0° 8	27°58	29°13	12°48	11°59	29°32	5°33		
S 21	10 0 56	1°47'00	10°V25	2°39	7°34	14°44	28°29	24°23	0° 5	27°59	29°12	12°45	11°56	29°39	5°38		
S 22	10 4 53	2°47'20	22°22	1°35	8°49	14°24	28°39	24°20	0° 3	28° 1	29°10	12°42	11°52	29°46	5°42		
M23	10 8 49	3°47'39	4♁15	0°30	10° 4	14° 4	28°48	24°17	0° 0	28° 2	29° 9	12°39	11°49	29°52	5°47		
T 24	10 12 46	4°47'55	16° 7	29♁26	11°19	13°45	28°57	24°14	29°Ω57	28° 4	29° 7	12°37	11°46	29°59	5°51		
W25	10 16 43	5°48'10	28° 2	28°25	12°34	13°26	29° 6	24°11	29°55	28° 5	29° 6	12°35	11°43	0♁ 6	5°56		
T 26	10 20 39	6°48'23	10♁ 5	27°29	13°49	13° 8	29°15	24° 8	29°52	28° 7	29° 4	12°D35	11°40	0°13	6° 0		
F 27	10 24 36	7°48'33	22°21	26°37	15° 4	12°51	29°23	24° 5	29°50	28° 8	29° 3	12°36	11°37	0°19	6° 5		
S 28	10 28 32	8♁48'42	4♁54	25♁50	16♁19	12°Ω34	29♁32	24°Ω 2	29°Ω47	28°V10	29°Ω 1	12♁37	11♁33	0♁26	6♁ 9		

Delta T = 8.92 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1711

MARCH 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	10 32 29	9 ^h 48'48"	17 ^h 54'48"	25°R10	17 ^h 33'	12°R18	29 ^h 40'	23°R59	29°R44	28°V12	29°R 0	12 ^h 39'	11 ^h 30'	0 ^h 33'	6 ^h 13'
M 2	10 36 25	10°48'53"	1 ^h 06'	24 ^h 37'	18°48'	12 ^h 03'	29°49'	23 ^h 57'	29 ^h 42'	28°13'	28 ^h 58'	12°40'	11°27'	0°40'	6°18'
T 3	10 40 22	11°48'55"	14°51'	24°10'	20° 3'	11°48'	29°57'	23°54'	29°39'	28°15'	28°57'	12°R41'	11°24'	0°46'	6°22'
W 4	10 44 18	12°48'55"	29° 0'	23°50'	21°18'	11°35'	0 ^h 5'	23°52'	29°37'	28°17'	28°55'	12°40'	11°21'	0°53'	6°26'
T 5	10 48 15	13°48'53"	13 ^h 31'	23°37'	22°33'	11°22'	0°13'	23°49'	29°34'	28°18'	28°54'	12°37'	11°17'	1° 0'	6°30'
F 6	10 52 12	14°48'49"	28°17'	23°31'	23°47'	11° 9'	0°21'	23°47'	29°32'	28°20'	28°52'	12°33'	11°14'	1° 6'	6°35'
S 7	10 56 8	15°48'44"	13 ^h 11'	23°D31'	25° 2'	10°58'	0°28'	23°45'	29°29'	28°22'	28°51'	12°29'	11°11'	1°13'	6°39'
S 8	11 0 5	16°48'36"	28° 5'	23°37'	26°17'	10°47'	0°36'	23°43'	29°27'	28°23'	28°49'	12°24'	11° 8'	1°20'	6°43'
M 9	11 4 1	17°48'27"	12 ^h 50'	23°49'	27°32'	10°37'	0°43'	23°41'	29°24'	28°25'	28°48'	12°19'	11° 5'	1°27'	6°47'
T 10	11 7 58	18°48'16"	27°20'	24° 6'	28°46'	10°28'	0°51'	23°39'	29°22'	28°27'	28°46'	12°16'	11° 2'	1°33'	6°51'
W 11	11 11 54	19°48'04"	11 ^h 31'	24°29'	0°V 1'	10°19'	0°58'	23°38'	29°19'	28°29'	28°45'	12°14'	10°58'	1°40'	6°55'
T 12	11 15 51	20°47'50"	25°22'	24°56'	1°15'	10°12'	1° 5'	23°36'	29°17'	28°31'	28°44'	12°D14'	10°55'	1°47'	6°59'
F 13	11 19 47	21°47'34"	8 ^h 52'	25°28'	2°30'	10° 5'	1°12'	23°35'	29°15'	28°33'	28°42'	12°15'	10°52'	1°53'	7° 3'
S 14	11 23 44	22°47'16"	22° 4'	26° 5'	3°45'	9°59'	1°18'	23°33'	29°12'	28°35'	28°41'	12°16'	10°49'	2° 0'	7° 6'
S 15	11 27 41	23°46'57"	5 ^h 00'	26°45'	4°59'	9°54'	1°25'	23°32'	29°10'	28°37'	28°40'	12°17'	10°46'	2° 7'	7°10'
M 16	11 31 37	24°46'36"	17°42'	27°29'	6°14'	9°49'	1°31'	23°31'	29° 8'	28°38'	28°38'	12°R17'	10°42'	2°14'	7°14'
T 17	11 35 34	25°46'13"	0 ^h 13'	28°17'	7°28'	9°46'	1°37'	23°30'	29° 5'	28°40'	28°37'	12°16'	10°39'	2°20'	7°18'
W 18	11 39 30	26°45'48"	12°34'	29° 8'	8°43'	9°43'	1°43'	23°29'	29° 3'	28°42'	28°36'	12°12'	10°36'	2°27'	7°21'
T 19	11 43 27	27°45'21"	24°46'	0 ^h 3'	9°57'	9°40'	1°49'	23°28'	29° 1'	28°44'	28°34'	12° 6'	10°33'	2°34'	7°25'
F 20	11 47 23	28°44'52"	6°V51'	1° 0'	11°12'	9°39'	1°55'	23°27'	28°59'	28°46'	28°33'	11°58'	10°30'	2°41'	7°28'
S 21	11 51 20	29°44'21"	18°50'	2° 0'	12°26'	9°D38'	2° 1'	23°27'	28°57'	28°48'	28°32'	11°49'	10°27'	2°47'	7°32'
S 22	11 55 16	0°V43'48"	0 ^h 44'	3° 2'	13°40'	9°38'	2° 6'	23°26'	28°54'	28°50'	28°30'	11°39'	10°23'	2°54'	7°35'
M 23	11 59 13	1°43'12"	12°36'	4° 8'	14°55'	9°39'	2°11'	23°26'	28°52'	28°52'	28°29'	11°30'	10°20'	3° 1'	7°39'
T 24	12 3 10	2°42'35"	24°27'	5°15'	16° 9'	9°41'	2°16'	23°26'	28°50'	28°55'	28°28'	11°22'	10°17'	3° 7'	7°42'
W 25	12 7 6	3°41'55"	6 ^h 22'	6°25'	17°23'	9°43'	2°21'	23°25'	28°48'	28°57'	28°27'	11°16'	10°14'	3°14'	7°46'
T 26	12 11 3	4°41'13"	18°23'	7°37'	18°38'	9°46'	2°26'	23°D25'	28°46'	28°59'	28°26'	11°12'	10°11'	3°21'	7°49'
F 27	12 14 59	5°40'29"	0 ^h 35'	8°51'	19°52'	9°50'	2°31'	23°25'	28°44'	29° 1'	28°24'	11°D11'	10° 8'	3°28'	7°52'
S 28	12 18 56	6°39'42"	13° 3'	10° 7'	21° 6'	9°54'	2°35'	23°26'	28°42'	29° 3'	28°23'	11°11'	10° 4'	3°34'	7°55'
S 29	12 22 52	7°38'53"	25°52'	11°25'	22°20'	9°59'	2°39'	23°26'	28°41'	29° 5'	28°22'	11°12'	10° 1'	3°41'	7°58'
M 30	12 26 49	8°38'02"	9 ^h 05'	12°45'	23°35'	10° 5'	2°43'	23°26'	28°39'	29° 7'	28°21'	11°R12'	9°58'	3°48'	8° 1'
T 31	12 30 45	9°V37'08"	22 ^h 47'	14 ^h 6'	24°V49'	10 ^h 01'	2°47'	23 ^h 27'	28 ^h 37'	29°V 9'	28 ^h 20'	11 ^h 12'	9 ^h 55'	3 ^h 54'	8 ^h 4'

Delta T = 8.92 sec.

Greg. Calendar

APRIL 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	12 34 42	10°V36'12"	6 ^h 57'	15 ^h 30'	26°V 3'	10 ^h 01'	2°51'	23 ^h 27'	28°R35'	29°V12'	28°R19'	11°R 9'	9 ^h 52'	4 ^h 1'	8 ^h 7'
T 2	12 38 39	11°35'14"	21°35'	16°55'	27°17'	10°26'	2°55'	23°28'	28°R34'	29°14'	28°R18'	11 ^h 04'	9°48'	4° 8'	8°10'
F 3	12 42 35	12°34'13"	6 ^h 34'	18°21'	28°31'	10°34'	2°58'	23°29'	28°32'	29°16'	28°17'	10°57'	9°45'	4°15'	8°13'
S 4	12 46 32	13°33'10"	21°47'	19°50'	29°45'	10°43'	3° 1'	23°30'	28°30'	29°18'	28°16'	10°48'	9°42'	4°21'	8°16'
S 5	12 50 28	14°32'06"	7 ^h 02'	21°20'	0 ^h 59'	10°52'	3° 4'	23°31'	28°29'	29°20'	28°15'	10°38'	9°39'	4°28'	8°18'
M 6	12 54 25	15°31'00"	22° 9'	22°52'	2°13'	11° 2'	3° 7'	23°32'	28°27'	29°22'	28°14'	10°29'	9°36'	4°35'	8°21'
T 7	12 58 21	16°29'52"	6 ^h 58'	24°25'	3°27'	11°12'	3°10'	23°33'	28°26'	29°25'	28°13'	10°22'	9°33'	4°42'	8°23'
W 8	13 2 18	17°28'42"	21°24'	26° 0'	4°41'	11°24'	3°12'	23°35'	28°24'	29°27'	28°12'	10°17'	9°29'	4°48'	8°26'
T 9	13 6 14	18°27'30"	5 ^h 32'	27°36'	5°54'	11°35'	3°15'	23°36'	28°23'	29°29'	28°11'	10°15'	9°26'	4°55'	8°28'
F 10	13 10 11	19°26'17"	18°54'	29°14'	7° 8'	11°47'	3°17'	23°38'	28°21'	29°31'	28°10'	10°D14'	9°23'	5° 2'	8°31'
S 11	13 14 8	20°25'02"	2 ^h 02'	0°V54'	8°22'	12° 0'	3°19'	23°40'	28°20'	29°34'	28°10'	10°14'	9°20'	5° 8'	8°33'
S 12	13 18 4	21°23'45"	14°49'	2°35'	9°36'	12°13'	3°21'	23°41'	28°19'	29°36'	28° 9'	10°R14'	9°17'	5°15'	8°35'
M 13	13 22 1	22°22'27"	27°20'	4°18'	10°50'	12°27'	3°22'	23°43'	28°18'	29°38'	28° 8'	10°13'	9°14'	5°22'	8°38'
T 14	13 25 57	23°21'07"	9 ^h 38'	6° 2'	12° 3'	12°41'	3°23'	23°45'	28°16'	29°40'	28° 7'	10° 9'	9°10'	5°29'	8°40'
W 15	13 29 54	24°19'45"	21°46'	7°48'	13°17'	12°56'	3°25'	23°47'	28°15'	29°43'	28° 6'	10° 3'	9° 7'	5°35'	8°42'
T 16	13 33 50	25°18'21"	3°V47'	9°36'	14°31'	13°11'	3°26'	23°50'	28°14'	29°45'	28° 6'	9°54'	9° 4'	5°42'	8°44'
F 17	13 37 47	26°16'55"	15°44'	11°25'	15°44'	13°26'	3°26'	23°52'	28°13'	29°47'	28° 5'	9°42'	9° 1'	5°49'	8°46'
S 18	13 41 43	27°15'28"	27°38'	13°16'	16°58'	13°42'	3°27'	23°54'	28°12'	29°49'	28° 4'	9°29'	8°58'	5°55'	8°48'
S 19	13 45 40	28°13'58"	9 ^h 30'	15° 9'	18°11'	13°59'	3°28'	23°57'	28°11'	29°52'	28° 4'	9°15'	8°54'	6° 2'	8°49'
M 20	13 49 36	29°12'27"	21°22'	17° 3'	19°25'	14°16'	3°28'	23°59'	28°10'	29°54'	28° 3'	9° 1'	8°51'	6° 9'	8°51'
T 21	13 53 33	0 ^h 10'54"	3 ^h 15'	18°59'	20°39'	14°33'	3°R28'	24° 2'	28° 9'	29°56'	28° 3'	8°49'	8°48'	6°16'	8°53'
W 22	13 57 30	1° 9'18"	15°12'	20°56'	21°52'	14°51'	3°28'	24° 5'	28° 9'	29°58'	28° 2'	8°40'	8°45'	6°22'	8°55'
T 23	14 1 26	2° 7'41"	27°15'	22°55'	23° 5'	15° 9'	3°27'	24° 8'	28° 8'	0 ^h 1'	28° 2'	8°33'	8°42'	6°29'	8°56'
F 24	14 5 23	3° 6'02"	9 ^h 28'	24°56'	24°19'	15°28'	3°27'	24°11'	28° 7'	0° 3'	28° 1'	8°29'	8°39'	6°36'	8°58'
S 25	14 9 19	4° 4'21"	21°54'	26°58'	25°32'	15°47'	3°26'	24°14'	28° 7'	0° 5'	28° 1'	8°27'	8°35'	6°43'	8°59'
S 26	14 13 16	5° 2'37"	4 ^h 03'	29° 1'	26°45'	16° 6'	3°25'	24°17'	28° 6'	0° 7'	28° 0'	8°27'	8°32'	6°49'	9° 0'
M 27	14 17 12	6° 0'52"	17 ^h 46'	1 ^h 6'	27°59'	16°26'	3°24'	24°21'	28° 6'	0°10'	28° 0'	8°27'	8°29'	6°56'	9° 2'
T 28	14 21 9	6°59'04"	1 ^h 20'	3°12'	29°12'	16°46'	3°23'	24°24'	28° 5'	0°12'	27°59'	8°26'	8°26'	7° 3'	9° 3'
W 29	14 25 5	7°57'14"	15°23'	5°19'	0 ^h 25'	17° 6'	3°22'	24°28'	28° 5'	0°14'	27°59'	8°23'	8°23'	7° 9'	9° 4'
T 30	14 29 2	8°55'22"	29 ^h 54'	7 ^h 28'	1 ^h 38'	17 ^h 02'	3°20'	24 ^h 31'	28 ^h 4'	0 ^h 16'	27 ^h 59'	8 ^h 17'	8 ^h 19'	7 ^h 16'	9 ^h 5'

Delta T = 8.92 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1711

MAY 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
F 1	14 32 59	9♉53'29	14♌50	9♋37	2♊52	17♏48	3♁R18	24♄35	28♁R 4	0♄19	27♁R59	8♁R 9	8♌16	7♋23	9♌6								
S 2	14 36 55	10°51'33	0♎ 4	11°46	4° 5	18°10	3♁16	24°39	28♏ 4	0°21	27♏58	7♌59	8°13	7°30	9° 7								
S 3	14 40 52	11°49'36	15°25	13°56	5°18	18°32	3°14	24°42	28° 4	0°23	27°58	7°48	8°10	7°36	9° 8								
M 4	14 44 48	12°47'37	0♌41	16° 7	6°31	18°54	3°12	24°46	28° 3	0°25	27°58	7°37	8° 7	7°43	9° 9								
T 5	14 48 45	13°45'37	15°42	18°17	7°44	19°16	3° 9	24°50	28° 3	0°28	27°58	7°28	8° 4	7°50	9° 9								
W 6	14 52 41	14°43'36	0♄20	20°26	8°57	19°39	3° 6	24°55	28♁D 3	0°30	27°58	7°22	8° 0	7°57	9°10								
T 7	14 56 38	15°41'33	14°29	22°35	10°10	20° 2	3° 4	24°59	28° 3	0°32	27°57	7°19	7°57	8° 3	9°11								
F 8	15 0 34	16°39'28	28° 9	24°43	11°22	20°25	3° 1	25° 3	28° 3	0°34	27°57	7°17	7°54	8°10	9°11								
S 9	15 4 31	17°37'23	11♌21	26°50	12°35	20°49	2°57	25° 7	28° 4	0°36	27°57	7°17	7°51	8°17	9°12								
S 10	15 8 28	18°35'16	24° 9	28°55	13°48	21°13	2°54	25°12	28° 4	0°39	27°D57	7°17	7°48	8°23	9°12								
M11	15 12 24	19°33'08	6♋37	0♊58	15° 1	21°37	2°50	25°16	28° 4	0°41	27°57	7°16	7°45	8°30	9°12								
T 12	15 16 21	20°30'58	18°51	3° 0	16°14	22° 2	2°47	25°21	28° 4	0°43	27°57	7°13	7°41	8°37	9°13								
W13	15 20 17	21°28'48	0♌53	4°59	17°26	22°26	2°43	25°26	28° 5	0°45	27°57	7° 7	7°38	8°44	9°13								
T 14	15 24 14	22°26'36	12°49	6°55	18°39	22°51	2°38	25°31	28° 5	0°47	27°58	6°59	7°35	8°50	9°13								
F 15	15 28 10	23°24'23	24°42	8°49	19°52	23°17	2°34	25°35	28° 5	0°49	27°58	6°48	7°32	8°57	9°R13								
S 16	15 32 7	24°22'08	6♋33	10°40	21° 4	23°42	2°30	25°40	28° 6	0°51	27°58	6°36	7°29	9° 4	9°13								
S 17	15 36 3	25°19'53	18°25	12°29	22°17	24° 8	2°25	25°45	28° 6	0°53	27°58	6°23	7°25	9°10	9°13								
M18	15 40 0	26°17'36	0♊20	14°15	23°29	24°34	2°20	25°51	28° 7	0°56	27°58	6°10	7°22	9°17	9°13								
T 19	15 43 57	27°15'18	12°18	15°57	24°42	25° 0	2°16	25°56	28° 8	0°58	27°58	5°59	7°19	9°24	9°13								
W20	15 47 53	28°12'58	24°22	17°37	25°54	25°27	2°11	26° 1	28° 8	1° 0	27°59	5°50	7°16	9°31	9°12								
T 21	15 51 50	29°10'37	6♄32	19°13	27° 7	25°53	2° 5	26° 6	28° 9	1° 2	27°59	5°43	7°13	9°37	9°12								
F 22	15 55 46	0♊ 8'15	18°52	20°46	28°19	26°20	2° 0	26°12	28°10	1° 4	27°59	5°40	7°10	9°44	9°11								
S 23	15 59 43	1° 5'51	1♏24	22°16	29°31	26°47	1°55	26°17	28°11	1° 6	28° 0	5°D38	7° 6	9°51	9°11								
S 24	16 3 39	2° 3'26	14°12	23°43	0♄44	27°15	1°49	26°23	28°12	1° 8	28° 0	5°39	7° 3	9°58	9°10								
M25	16 7 36	3° 1'00	27°19	25° 7	1°56	27°42	1°43	26°28	28°13	1°10	28° 1	5°R39	7° 0	10° 4	9°10								
T 26	16 11 32	3°58'31	10♎48	26°27	3° 8	28°10	1°37	26°34	28°14	1°12	28° 1	5°39	6°57	10°11	9° 9								
W27	16 15 29	4°56'02	24°41	27°44	4°20	28°38	1°31	26°40	28°15	1°14	28° 2	5°37	6°54	10°18	9° 8								
T 28	16 19 26	5°53'31	9♌ 0	28°57	5°32	29° 7	1°25	26°45	28°16	1°16	28° 2	5°34	6°51	10°24	9° 7								
F 29	16 23 22	6°50'59	23°42	0♄ 8	6°44	29°35	1°19	26°51	28°17	1°18	28° 3	5°28	6°47	10°31	9° 6								
S 30	16 27 19	7°48'25	8♎42	1°14	7°56	0♎ 4	1°13	26°57	28°18	1°20	28° 3	5°20	6°44	10°38	9° 5								
S 31	16 31 15	8♊45'51	23♎52	2♄17	9♄ 8	0♎32	1♄ 6	27♄ 3	28♏20	1♄21	28♏ 4	5♌22	6♌41	10♋45	9♌ 4								

Delta T = 8.92 sec.

Greg. Calendar

JUNE 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
M 1	16 35 12	9♊43'16	9♌ 1	3♄16	10♄20	1♎ 1	1°R 0	27♄ 9	28♏21	1♄23	28♏ 4	5°R 4	6♌38	10♋51	9°R 3								
T 2	16 39 8	10°40'39	23°59	4°12	11°32	1°30	0♄53	27°15	28°22	1°25	28° 5	4♌57	6°35	10°58	9°R 2								
W 3	16 43 5	11°38'02	8♄38	5° 4	12°44	2° 0	0°46	27°21	28°24	1°27	28° 6	4°52	6°31	11° 5	9° 1								
T 4	16 47 2	12°35'24	22°52	5°52	13°55	2°29	0°39	27°28	28°25	1°29	28° 6	4°50	6°28	11°12	9° 0								
F 5	16 50 58	13°32'46	6♌38	6°36	15° 7	2°59	0°32	27°34	28°27	1°31	28° 7	4°D49	6°25	11°18	8°58								
S 6	16 54 55	14°30'07	19°56	7°16	16°19	3°29	0°25	27°40	28°28	1°32	28° 8	4°50	6°22	11°25	8°57								
S 7	16 58 51	15°27'27	2♋49	7°51	17°30	3°59	0°18	27°47	28°30	1°34	28° 9	4°51	6°19	11°32	8°55								
M 8	17 2 48	16°24'47	15°20	8°23	18°42	4°29	0°11	27°53	28°32	1°36	28°10	4°R52	6°16	11°38	8°54								
T 9	17 6 44	17°22'06	27°35	8°50	19°53	4°59	0° 4	28° 0	28°33	1°38	28°10	4°51	6°12	11°45	8°52								
W10	17 10 41	18°19'25	9♌38	9°13	21° 5	5°30	29♌56	28° 6	28°35	1°39	28°11	4°49	6° 9	11°52	8°50								
T 11	17 14 37	19°16'43	21°33	9°31	22°16	6° 1	2°49	28°13	28°37	1°41	28°12	4°44	6° 6	11°59	8°49								
F 12	17 18 34	20°14'01	3♄25	9°45	23°27	6°32	2°42	28°19	28°39	1°43	28°13	4°38	6° 3	12° 5	8°47								
S 13	17 22 31	21°11'19	15°16	9°55	24°38	7° 3	2°34	28°26	28°41	1°44	28°14	4°31	6° 0	12°12	8°45								
S 14	17 26 27	22° 8'36	27°11	9°59	25°50	7°34	2°27	28°33	28°43	1°46	28°15	4°23	5°57	12°19	8°43								
M15	17 30 24	23° 5'53	9♊11	10°R 0	27° 1	8° 5	2°19	28°40	28°45	1°47	28°16	4°16	5°53	12°25	8°41								
T 16	17 34 20	24° 3'10	21°17	9°55	28°12	8°37	2°11	28°46	28°47	1°49	28°17	4° 9	5°50	12°32	8°39								
W17	17 38 17	25° 0'26	3♄31	9°47	29°23	9° 8	2° 4	28°53	28°49	1°51	28°18	4° 4	5°47	12°39	8°37								
T 18	17 42 13	25°57'42	15°55	9°34	0♏34	9°40	28°56	29° 0	28°51	1°52	28°19	4° 0	5°44	12°46	8°35								
F 19	17 46 10	26°54'57	28°30	9°17	1°45	10°12	28°48	29° 7	28°53	1°54	28°20	3°D59	5°41	12°52	8°33								
S 20	17 50 6	27°52'11	11♏16	8°56	2°56	10°44	28°41	29°14	28°55	1°55	28°22	3°59	5°37	12°59	8°31								
S 21	17 54 3	28°49'25	24°16	8°32	4° 6	11°16	28°33	29°21	28°58	1°56	28°23	4° 0	5°34	13° 6	8°28								
M22	17 58 0	29°46'39	7♎31	8° 4	5°17	11°48	28°25	29°28	29° 0	1°58													

SWISS EPHEMERIS for the year 1711

JULY 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	18 33 29	8 ²² 11'19	16 ³⁵ 51	2 ²⁵ R57	15 ⁵⁰ 50	16 ⁴⁵ 45	27 ¹⁷ R17	0 ³³ 33	29 ²² 22	2 ⁸ 9	28 ³⁶ 36	3 ⁴⁴ R44	5 ³ 3	14 ¹³ 13	8 ³ R 3
T 2	18 37 25	9 ¹⁸ 30	0 ³⁸ 38	2 ²⁷ 27	17 ⁰ 0	17 ¹⁹ 19	27 ¹⁰ 10	0 ⁴¹ 41	29 ²⁵ 25	2 ¹⁰ 10	28 ³⁷ 37	3 ⁴³ D43	4 ⁵⁹ 59	14 ²⁰ 20	8 ⁰ 0
F 3	18 41 22	10 ¹⁵ 40	14 ⁴² 42	2 ⁰ 0	18 ¹⁰ 10	17 ⁵³ 53	27 ² 2	0 ⁴⁸ 48	29 ²⁸ 28	2 ¹¹ 11	28 ³⁸ 38	3 ⁴³ R43	4 ⁵⁶ 56	14 ²⁷ 27	7 ⁵⁷ 57
S 4	18 45 18	11 ¹² 50	28 ⁰ 1	1 ³⁷ 37	19 ²⁰ 20	18 ²⁶ 26	27 ²⁵ 25	0 ⁵⁶ 56	29 ³¹ 31	2 ¹³ 13	28 ⁴⁰ 40	3 ⁴⁴ 44	4 ⁵³ 53	14 ³³ 33	7 ⁵⁵ 55
S 5	18 49 15	12 ¹⁰ 01	10 ³⁵ 57	1 ¹⁷ 17	20 ³⁰ 30	19 ⁰ 0	26 ⁴⁸ 48	1 ³ 3	29 ³³ 33	2 ¹⁴ 14	28 ⁴¹ 41	3 ⁴⁶ 46	4 ⁵⁰ 50	14 ⁴⁰ 40	7 ⁵² 52
M 6	18 53 11	13 ⁷ 12	23 ³² 32	1 ² 2	21 ³⁹ 39	19 ³⁵ 35	26 ⁴¹ 41	1 ¹⁰ 10	29 ³⁶ 36	2 ¹⁵ 15	28 ⁴³ 43	3 ⁴⁷ 47	4 ⁴⁷ 47	14 ⁴⁷ 47	7 ⁴⁹ 49
T 7	18 57 8	14 ⁴ 24	5 ⁵⁰ 50	0 ⁵¹ 51	22 ⁴⁹ 49	20 ⁹ 9	26 ³⁴ 34	1 ¹⁸ 18	29 ³⁹ 39	2 ¹⁶ 16	28 ⁴⁴ 44	3 ⁴⁸ 48	4 ⁴³ 43	14 ⁵³ 53	7 ⁴⁶ 46
W 8	19 1 4	15 ¹ 36	17 ⁵⁵ 55	0 ⁴⁵ 45	23 ⁵⁸ 58	20 ⁴³ 43	26 ²⁷ 27	1 ²⁶ 26	29 ⁴² 42	2 ¹⁷ 17	28 ⁴⁶ 46	3 ⁴⁸ R48	4 ⁴⁰ 40	15 ⁰ 0	7 ⁴³ 43
T 9	19 5 1	15 ⁵⁸ 49	29 ⁵² 52	0 ^{D44} 44	25 ⁸ 8	21 ¹⁷ 17	26 ²⁰ 20	1 ³³ 33	29 ⁴⁵ 45	2 ¹⁷ 17	28 ⁴⁷ 47	3 ⁴⁸ 48	4 ³⁷ 37	15 ⁷ 7	7 ⁴⁰ 40
F 10	19 8 58	16 ⁵⁶ 02	11 ³⁴ 44	0 ⁴⁸ 48	26 ¹⁷ 17	21 ⁵² 52	26 ¹³ 13	1 ⁴¹ 41	29 ⁴⁸ 48	2 ¹⁸ 18	28 ⁴⁹ 49	3 ⁴⁶ 46	4 ³⁴ 34	15 ¹⁴ 14	7 ³⁷ 37
S 11	19 12 54	17 ⁵³ 16	23 ³⁸ 38	0 ⁵⁸ 58	27 ²⁶ 26	22 ²⁷ 27	26 ⁷ 7	1 ⁴⁸ 48	29 ⁵¹ 51	2 ¹⁹ 19	28 ⁵¹ 51	3 ⁴⁴ 44	4 ³¹ 31	15 ²⁰ 20	7 ³⁴ 34
S 12	19 16 51	18 ⁵⁰ 30	5 ³⁵ 35	1 ¹³ 13	28 ³⁵ 35	23 ¹ 1	26 ⁰ 0	1 ⁵⁶ 56	29 ⁵⁴ 54	2 ²⁰ 20	28 ⁵² 52	3 ⁴² 42	4 ²⁸ 28	15 ²⁷ 27	7 ³¹ 31
M13	19 20 47	19 ⁴⁷ 45	17 ⁴⁰ 40	1 ³³ 33	29 ⁴⁴ 44	23 ³⁶ 36	25 ⁵³ 53	2 ³ 3	29 ⁵⁷ 57	2 ²¹ 21	28 ⁵⁴ 54	3 ⁴⁰ 40	4 ²⁴ 24	15 ³⁴ 34	7 ²⁸ 28
T 14	19 24 44	20 ⁴⁵ 00	29 ⁵⁵ 55	1 ⁵⁹ 59	0 ⁵³ 53	24 ¹¹ 11	25 ⁴⁷ 47	2 ¹¹ 11	0 ⁰ 0	2 ²² 22	28 ⁵⁵ 55	3 ³⁸ 38	4 ²¹ 21	15 ⁴⁰ 40	7 ²⁴ 24
W15	19 28 40	21 ⁴² 16	12 ²² 22	2 ³¹ 31	2 ² 2	24 ⁴⁶ 46	25 ⁴¹ 41	2 ¹⁹ 19	0 ³ 3	2 ²² 22	28 ⁵⁷ 57	3 ³⁷ 37	4 ¹⁸ 18	15 ⁴⁷ 47	7 ²¹ 21
T 16	19 32 37	22 ³⁹ 33	25 ² 2	3 ⁸ 8	3 ¹¹ 11	25 ²² 22	25 ³⁵ 35	2 ²⁶ 26	0 ⁶ 6	2 ²³ 23	28 ⁵⁹ 59	3 ³⁶ 36	4 ¹⁵ 15	15 ⁵⁴ 54	7 ¹⁸ 18
F 17	19 36 34	23 ³⁶ 50	7 ⁵² 52	3 ⁵⁰ 50	4 ¹⁹ 19	25 ⁵⁷ 57	25 ²⁹ 29	2 ³⁴ 34	0 ¹⁰ 10	2 ²⁴ 24	29 ⁰ 0	3 ^{D36} 36	4 ¹² 12	16 ¹ 1	7 ¹⁵ 15
S 18	19 40 30	24 ³⁴ 07	21 ⁴ 4	4 ³⁸ 38	5 ²⁸ 28	26 ³² 32	25 ²³ 23	2 ⁴² 42	0 ¹³ 13	2 ²⁴ 24	29 ² 2	3 ³⁷ 37	4 ⁹ 9	16 ⁷ 7	7 ¹² 12
S 19	19 44 27	25 ³¹ 25	4 ²⁵ 25	5 ³¹ 31	6 ³⁶ 36	27 ⁸ 8	25 ¹⁷ 17	2 ⁵⁰ 50	0 ¹⁶ 16	2 ²⁵ 25	29 ⁴ 4	3 ³⁷ 37	4 ⁵ 5	16 ¹⁴ 14	7 ⁸ 8
M20	19 48 23	26 ²⁸ 43	17 ⁵⁹ 59	6 ³⁰ 30	7 ⁴⁴ 44	27 ⁴³ 43	25 ¹¹ 11	2 ⁵⁷ 57	0 ¹⁹ 19	2 ²⁶ 26	29 ⁶ 6	3 ³⁸ 38	4 ² 2	16 ²¹ 21	7 ⁵ 5
T 21	19 52 20	27 ²⁶ 02	1 ⁴⁶ 46	7 ³⁴ 34	8 ⁵² 52	28 ¹⁹ 19	25 ⁶ 6	3 ⁵ 5	0 ²³ 23	2 ²⁶ 26	29 ⁷ 7	3 ³⁹ 39	3 ⁵⁹ 59	16 ²⁸ 28	7 ² 2
W22	19 56 16	28 ²³ 20	15 ⁴⁴ 44	8 ⁴² 42	10 ⁰ 0	28 ⁵⁵ 55	25 ¹ 1	3 ¹³ 13	0 ²⁶ 26	2 ²⁷ 27	29 ⁹ 9	3 ³⁹ 39	3 ⁵⁶ 56	16 ³⁴ 34	6 ⁵⁹ 59
T 23	20 0 13	29 ²⁰ 40	29 ⁵¹ 51	9 ⁵⁶ 56	11 ⁸ 8	29 ³¹ 31	24 ⁵⁵ 55	3 ²⁰ 20	0 ²⁹ 29	2 ²⁷ 27	29 ¹¹ 11	3 ^{R39} 39	3 ⁵³ 53	16 ⁴¹ 41	6 ⁵⁵ 55
F 24	20 4 9	0 ¹⁷ 59	14 ¹¹ 11	7 ¹¹ 11	11 ¹⁵ 15	12 ¹⁶ 16	0 ⁵ 5	3 ²⁸ 28	0 ³³ 33	2 ²⁸ 28	29 ¹³ 13	3 ³⁹ 39	3 ⁴⁹ 49	16 ⁴⁸ 48	6 ⁵² 52
S 25	20 8 6	1 ¹⁵ 20	28 ²⁸ 28	12 ³⁸ 38	13 ²⁴ 24	0 ⁴³ 43	24 ⁴⁵ 45	3 ³⁶ 36	0 ³⁶ 36	2 ²⁸ 28	29 ¹⁵ 15	3 ³⁹ 39	3 ⁴⁶ 46	16 ⁵⁴ 54	6 ⁴⁹ 49
S 26	20 12 3	2 ¹² 40	12 ³⁷ 51	14 ⁶ 6	14 ³¹ 31	1 ¹⁹ 19	24 ⁴¹ 41	3 ⁴⁴ 44	0 ³⁹ 39	2 ²⁸ 28	29 ¹⁶ 16	3 ³⁹ 39	3 ⁴³ 43	17 ¹ 1	6 ⁴⁵ 45
M27	20 15 59	3 ¹⁰ 02	27 ¹¹ 11	15 ³⁹ 39	15 ³⁹ 39	1 ⁵⁶ 56	24 ³⁶ 36	3 ⁵¹ 51	0 ⁴³ 43	2 ²⁹ 29	29 ¹⁸ 18	3 ^{D39} 39	3 ⁴⁰ 40	17 ⁸ 8	6 ⁴² 42
T 28	20 19 56	4 ⁷ 24	11 ³⁵ 25	17 ¹⁶ 16	16 ⁴⁶ 46	2 ³² 32	24 ³² 32	3 ⁵⁹ 59	0 ⁴⁶ 46	2 ²⁹ 29	29 ²⁰ 20	3 ³⁹ 39	3 ³⁷ 37	17 ¹⁵ 15	6 ³⁹ 39
W29	20 23 52	5 ⁴ 47	25 ²⁹ 29	18 ⁵⁶ 56	17 ⁵³ 53	3 ⁸ 8	24 ²⁷ 27	4 ⁷ 7	0 ⁵⁰ 50	2 ²⁹ 29	29 ²² 22	3 ³⁹ 39	3 ³⁴ 34	17 ²¹ 21	6 ³⁵ 35
T 30	20 27 49	6 ² 10	9 ¹⁷ 17	20 ⁴¹ 41	19 ⁰ 0	3 ⁴⁵ 45	24 ²³ 23	4 ¹⁵ 15	0 ⁵³ 53	2 ³⁰ 30	29 ²⁴ 24	3 ^{R39} 39	3 ³⁰ 30	17 ²⁸ 28	6 ³² 32
F 31	20 31 45	6 ⁵⁹ 34	22 ⁴⁹ 49	22 ²⁹ 29	20 ⁷ 7	4 ²² 22	24 ¹⁹ 19	4 ²² 22	0 ⁵⁷ 57	2 ^{R30} 30	29 ²⁶ 26	3 ³⁸ 38	3 ²⁷ 27	17 ³⁵ 35	6 ²⁹ 29

Delta T = 8.92 sec.

Greg. Calendar

AUGUST 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	20 35 42	7 ⁵⁷ 00	6 ³¹ 1	24 ²⁰ 20	21 ¹³ 13	4 ⁵⁹ 59	24 ^{R16} 16	4 ³⁰ 30	1 ⁰ 0	2 ^{R30} 30	29 ²⁸ 28	3 ^{R38} 38	3 ²⁴ 24	17 ^{R41} 41	6 ^{R25} 25
S 2	20 39 38	8 ⁵⁴ 26	18 ⁵⁴ 54	26 ¹³ 13	22 ²⁰ 20	5 ³⁵ 35	24 ^{R12} 12	4 ³⁸ 38	1 ⁴ 4	2 ³⁰ 30	29 ²⁹ 29	3 ³⁸ 38	3 ²¹ 21	17 ⁴⁸ 48	6 ²² 22
M 3	20 43 35	9 ⁵¹ 54	1 ⁵² 52	28 ⁹ 9	23 ²⁶ 26	6 ¹² 12	24 ⁹ 9	4 ⁴⁶ 46	1 ⁷ 7	2 ³⁰ 30	29 ³¹ 31	3 ³⁷ 37	3 ¹⁸ 18	17 ⁵⁵ 55	6 ¹⁹ 19
T 4	20 47 32	10 ⁴⁹ 23	13 ⁴⁷ 47	0 ⁸ 8	24 ³² 32	6 ⁴⁹ 49	24 ⁵ 5	4 ⁵³ 53	1 ¹¹ 11	2 ³⁰ 30	29 ³³ 33	3 ³⁶ 36	3 ¹⁵ 15	18 ² 2	6 ¹⁵ 15
W 5	20 51 28	11 ⁴⁶ 53	25 ⁵³ 53	2 ⁷ 7	25 ³⁸ 38	7 ²⁷ 27	24 ² 2	5 ¹ 1	1 ¹⁴ 14	2 ³⁰ 30	29 ³⁵ 35	3 ³⁵ 35	3 ¹¹ 11	18 ⁸ 8	6 ¹² 12
T 6	20 55 25	12 ⁴⁴ 24	7 ³¹ 51	4 ⁹ 9	26 ⁴⁴ 44	8 ⁴ 4	23 ⁵⁹ 59	5 ⁹ 9	1 ¹⁸ 18	2 ^{R30} 30	29 ³⁷ 37	3 ^{D35} 35	3 ⁸ 8	18 ¹⁵ 15	6 ⁹ 9
F 7	20 59 21	13 ⁴¹ 57	19 ⁴⁴ 44	6 ¹¹ 11	27 ⁵⁰ 50	8 ⁴¹ 41	23 ⁵⁷ 57	5 ¹⁶ 16	1 ²² 22	2 ³⁰ 30	29 ³⁹ 39	3 ³⁵ 35	3 ⁵ 5	18 ²² 22	6 ⁵ 5
S 8	21 3 18	14 ³⁹ 32	1 ³⁸ 38	8 ¹³ 13	28 ⁵⁵ 55	9 ¹⁹ 19	23 ⁵⁴ 54	5 ²⁴ 24	1 ²⁵ 25	2 ³⁰ 30	29 ⁴¹ 41	3 ³⁶ 36	3 ² 2	18 ²⁸ 28	6 ² 2
S 9	21 7 14	15 ³⁷ 08	13 ³⁷ 37	10 ¹⁶ 16	0 ¹ 1	9 ⁵⁶ 56	23 ⁵² 52	5 ³² 32	1 ²⁹ 29	2 ³⁰ 30	29 ⁴³ 43	3 ³⁶ 36	2 ⁵⁹ 59	18 ³⁵ 35	5 ⁵⁹ 59
M10	21 11 11	16 ³⁴ 45	25 ⁴⁵ 45	12 ²⁰ 20	1 ⁶ 6	10 ³⁴ 34	23 ⁴⁹ 49	5 ³⁹ 39	1 ³³ 33	2 ³⁰ 30	29 ⁴⁵ 45	3 ³⁸ 38	2 ⁵⁵ 55	18 ⁴² 42	5 ⁵⁶ 56
T 11	21 15 7	17 ³² 24	8 ²⁶ 6	14 ²² 22	2 ¹¹ 11	11 ¹¹ 11	23 ⁴⁷ 47	5 ⁴⁷ 47	1 ³⁶ 36	2 ³⁰ 30	29 ⁴⁷ 47	3 ³⁹ 39	2 ⁵² 52	18 ⁴⁹ 49	5 ⁵² 52
W12	21 19 4	18 ³⁰ 04	20 ⁴⁴ 44	16 ²⁵ 25	3 ¹⁶ 16	11 ⁴⁹ 49	23 ⁴⁶ 46	5 ⁵⁵ 55	1 ⁴⁰ 40	2 ³⁰ 30	29 ⁴⁹ 49	3 ⁴⁰ 40	2 ⁴⁹ 49	18 ⁵⁵ 55	5 ⁴⁹ 49
T 13	21 23 1	19 ²⁷ 46	3 ³⁹ 39	18 ²⁷ 27	4 ²⁰ 20	12 ²⁷ 27	23 ⁴⁴ 44	6 ² 2	1 ⁴⁴ 44	2 ³⁰ 30	29 ⁵¹ 51	3 ^{R40} 40	2 ⁴⁶ 46	19 ² 2	5 ⁴⁶ 46
F 14	21 26 57	20 ²⁵ 29	16 ⁵² 52	20 ²⁸ 28	5 ²⁵ 25	13 ⁵ 5	23 ⁴³ 43	6 ¹⁰ 10	1 ⁴⁷ 47	2 ²⁹ 29	29 ⁵³ 53	3 ⁴⁰ 40	2 ⁴³ 43	19 ⁹ 9	5 ⁴³ 43
S 15	21 30 54	21 ²³ 13	0 ²⁴ 24	22 ²⁸ 28	6 ²⁹ 29	13 ⁴³ 43	23 ⁴¹ 41	6 ¹⁸ 18	1 ⁵¹ 51	2 ²⁹ 29	29 ⁵⁵ 55	3 ³⁸ 38	2 ⁴⁰ 40	19 ¹⁵ 15	5 ⁴⁰ 40
S 16	21 34 50	22 ²⁰ 59	14 ¹² 12	24 ²⁷ 27	7 ³³ 33	14 ²¹ 21	23 ⁴⁰ 40								

SWISS EPHEMERIS for the year 1711

SEPTEMBER 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	22 37 55	7 ^h 48'04"	21 ^h 46'	23 ^h 21'	24 ^h 0'	24 ^h 43'	23 ^h 49'	8 ^h 23'	2 ^h 55'	2 ^h R20	0 ^h 29'	3 ^h R 8	1 ^h 46'	21 ^h 10'	4 ^h R50	
W 2	22 41 52	8 ^h 46'14"	3 ^h 55'	24 ^h 59'	24 ^h 59'	25 ^h 23'	23 ^h 51'	8 ^h 30'	2 ^h 59'	2 ^h R19	0 ^h 31'	3 ^h 2	1 ^h 42'	21 ^h 16'	4 ^h 48'	
T 3	22 45 48	9 ^h 44'26"	15 ^h 47'	26 ^h 35'	25 ^h 58'	26 ^h 3'	23 ^h 53'	8 ^h 37'	3 ^h 2	2 ^h 18	0 ^h 33'	2 ^h 58'	1 ^h 39'	21 ^h 23'	4 ^h 45'	
F 4	22 49 45	10 ^h 42'40"	27 ^h 39'	28 ^h 10'	26 ^h 56'	26 ^h 42'	23 ^h 56'	8 ^h 44'	3 ^h 6	2 ^h 17	0 ^h 35'	2 ^h 56'	1 ^h 36'	21 ^h 30'	4 ^h 43'	
S 5	22 53 41	11 ^h 40'56"	9 ^h 32'	29 ^h 44'	27 ^h 54'	27 ^h 22'	23 ^h 58'	8 ^h 51'	3 ^h 10	2 ^h 16	0 ^h 37'	2 ^h D55	1 ^h 33'	21 ^h 37'	4 ^h 40'	
S 6	22 57 38	12 ^h 39'14"	21 ^h 29'	1 ^h 17'	28 ^h 51'	28 ^h 2'	24 ^h 1'	8 ^h 58'	3 ^h 14	2 ^h 15	0 ^h 39'	2 ^h 55'	1 ^h 30'	21 ^h 43'	4 ^h 38'	
M 7	23 1 34	13 ^h 37'34"	3 ^h 37'	2 ^h 49'	29 ^h 48'	28 ^h 42'	24 ^h 4'	9 ^h 5'	3 ^h 17	2 ^h 14	0 ^h 41'	2 ^h 56'	1 ^h 27'	21 ^h 50'	4 ^h 36'	
T 8	23 5 31	14 ^h 35'57"	15 ^h 59'	4 ^h 20'	0 ^h 45'	29 ^h 22'	24 ^h 7'	9 ^h 11'	3 ^h 21	2 ^h 13	0 ^h 43'	2 ^h 58'	1 ^h 23'	21 ^h 57'	4 ^h 33'	
W 9	23 9 28	15 ^h 34'21"	28 ^h 40'	5 ^h 49'	1 ^h 41'	0 ^h 4	24 ^h 11'	9 ^h 18'	3 ^h 25	2 ^h 12	0 ^h 45'	2 ^h R59	1 ^h 20'	22 ^h 3'	4 ^h 31'	
T 10	23 13 24	16 ^h 32'47"	11 ^h 44'	7 ^h 18'	2 ^h 37'	0 ^h 42'	24 ^h 14'	9 ^h 25'	3 ^h 28	2 ^h 11	0 ^h 47'	2 ^h 58'	1 ^h 17'	22 ^h 10'	4 ^h 29'	
F 11	23 17 21	17 ^h 31'16"	25 ^h 12'	8 ^h 45'	3 ^h 32'	1 ^h 23'	24 ^h 18'	9 ^h 32'	3 ^h 32	2 ^h 10	0 ^h 49'	2 ^h 56'	1 ^h 14'	22 ^h 17'	4 ^h 27'	
S 12	23 21 17	18 ^h 29'46"	9 ^h 3	10 ^h 11'	4 ^h 26'	2 ^h 3'	24 ^h 22'	9 ^h 38'	3 ^h 36	2 ^h 9	0 ^h 51'	2 ^h 52'	1 ^h 11'	22 ^h 24'	4 ^h 25'	
S 13	23 25 14	19 ^h 28'18"	23 ^h 16'	11 ^h 36'	5 ^h 21'	2 ^h 44'	24 ^h 26'	9 ^h 45'	3 ^h 39	2 ^h 8	0 ^h 53'	2 ^h 46'	1 ^h 7'	22 ^h 30'	4 ^h 23'	
M 14	23 29 10	20 ^h 26'53"	7 ^h 45'	12 ^h 59'	6 ^h 14'	3 ^h 24'	24 ^h 30'	9 ^h 51'	3 ^h 43	2 ^h 7	0 ^h 55'	2 ^h 39'	1 ^h 4'	22 ^h 37'	4 ^h 21'	
T 15	23 33 7	21 ^h 25'29"	22 ^h 23'	14 ^h 22'	7 ^h 7'	4 ^h 5'	24 ^h 35'	9 ^h 58'	3 ^h 47	2 ^h 6	0 ^h 57'	2 ^h 31'	1 ^h 1'	22 ^h 44'	4 ^h 19'	
W 16	23 37 3	22 ^h 24'07"	7 ^h 3	15 ^h 43'	8 ^h 0'	4 ^h 46'	24 ^h 39'	10 ^h 4'	3 ^h 50	2 ^h 5	0 ^h 59'	2 ^h 24'	0 ^h 58'	22 ^h 50'	4 ^h 17'	
T 17	23 41 0	23 ^h 22'46"	21 ^h 39'	17 ^h 2'	8 ^h 51'	5 ^h 26'	24 ^h 44'	10 ^h 11'	3 ^h 54	2 ^h 3	1 ^h 0'	2 ^h 19'	0 ^h 55'	22 ^h 57'	4 ^h 16'	
F 18	23 44 56	24 ^h 21'28"	6 ^h 4	18 ^h 21'	9 ^h 43'	6 ^h 7'	24 ^h 49'	10 ^h 17'	3 ^h 58	2 ^h 2	1 ^h 2'	2 ^h 15'	0 ^h 52'	23 ^h 4'	4 ^h 14'	
S 19	23 48 53	25 ^h 20'11"	20 ^h 16'	19 ^h 37'	10 ^h 33'	6 ^h 48'	24 ^h 54'	10 ^h 23'	4 ^h 1	2 ^h 1	1 ^h 4'	2 ^h D14	0 ^h 48'	23 ^h 11'	4 ^h 12'	
S 20	23 52 50	26 ^h 18'56"	4 ^h 3	20 ^h 53'	11 ^h 23'	7 ^h 29'	24 ^h 59'	10 ^h 29'	4 ^h 5	2 ^h 0	1 ^h 6'	2 ^h 14'	0 ^h 45'	23 ^h 17'	4 ^h 11'	
M 21	23 56 46	27 ^h 17'42"	17 ^h 54'	22 ^h 7'	12 ^h 12'	8 ^h 10'	25 ^h 5'	10 ^h 36'	4 ^h 8	1 ^h 58	1 ^h 8'	2 ^h 15'	0 ^h 42'	23 ^h 24'	4 ^h 9'	
T 22	0 0 43	28 ^h 16'30"	1 ^h 21'	23 ^h 19'	13 ^h 0'	8 ^h 51'	25 ^h 11'	10 ^h 42'	4 ^h 12	1 ^h 57	1 ^h 10'	2 ^h R15	0 ^h 39'	23 ^h 31'	4 ^h 8'	
W 23	0 4 39	29 ^h 15'20"	14 ^h 35'	24 ^h 29'	13 ^h 48'	9 ^h 33'	25 ^h 16'	10 ^h 48'	4 ^h 15	1 ^h 56	1 ^h 12'	2 ^h 15'	0 ^h 36'	23 ^h 37'	4 ^h 6'	
T 24	0 8 36	0 ^h 14'12"	27 ^h 37'	25 ^h 38'	14 ^h 34'	10 ^h 14'	25 ^h 22'	10 ^h 54'	4 ^h 19	1 ^h 54	1 ^h 13'	2 ^h 12'	0 ^h 32'	23 ^h 44'	4 ^h 5'	
F 25	0 12 32	1 ^h 13'05"	10 ^h 27'	26 ^h 44'	15 ^h 20'	10 ^h 55'	25 ^h 28'	10 ^h 59'	4 ^h 22	1 ^h 53	1 ^h 15'	2 ^h 6'	0 ^h 29'	23 ^h 51'	4 ^h 4'	
S 26	0 16 29	2 ^h 12'00"	23 ^h 6'	27 ^h 49'	16 ^h 5'	11 ^h 37'	25 ^h 35'	11 ^h 5'	4 ^h 26	1 ^h 51	1 ^h 17'	1 ^h 58'	0 ^h 26'	23 ^h 57'	4 ^h 2'	
S 27	0 20 25	3 ^h 10'58"	5 ^h 35'	28 ^h 51'	16 ^h 49'	12 ^h 18'	25 ^h 41'	11 ^h 11'	4 ^h 29	1 ^h 50	1 ^h 19'	1 ^h 48'	0 ^h 23'	24 ^h 4'	4 ^h 1'	
M 28	0 24 22	4 ^h 9'57"	17 ^h 53'	29 ^h 51'	17 ^h 32'	13 ^h 0'	25 ^h 47'	11 ^h 17'	4 ^h 32	1 ^h 49	1 ^h 21'	1 ^h 37'	0 ^h 20'	24 ^h 11'	4 ^h 0'	
T 29	0 28 19	5 ^h 8'59"	0 ^h 2	0 ^h 48'	18 ^h 14'	13 ^h 42'	25 ^h 54'	11 ^h 22'	4 ^h 36	1 ^h 47	1 ^h 22'	1 ^h 25'	0 ^h 17'	24 ^h 18'	3 ^h 59'	
W 30	0 32 15	6 ^h 8'02"	12 ^h 3	1 ^h 42'	18 ^h 55'	14 ^h 23'	26 ^h 1	11 ^h 28'	4 ^h 39	1 ^h 46	1 ^h 24'	1 ^h 23'	0 ^h 13'	24 ^h 24'	3 ^h 58'	

Delta T = 8.92 sec.

Greg. Calendar

OCTOBER 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	0 36 12	7 ^h 7'08"	23 ^h 57'	2 ^h 33'	19 ^h 35'	15 ^h 5'	26 ^h 18'	11 ^h 33'	4 ^h 43	1 ^h R44	1 ^h 26'	1 ^h R 4	0 ^h 10'	24 ^h 31'	3 ^h R57	
F 2	0 40 8	8 ^h 6'16"	5 ^h 47'	3 ^h 21'	20 ^h 14'	15 ^h 47'	26 ^h 15'	11 ^h 39'	4 ^h 46	1 ^h R43	1 ^h 27'	0 ^h 57'	0 ^h 7'	24 ^h 38'	3 ^h 57'	
S 3	0 44 5	9 ^h 5'27"	17 ^h 37'	4 ^h 5'	20 ^h 52'	16 ^h 29'	26 ^h 22'	11 ^h 44'	4 ^h 49	1 ^h 41	1 ^h 29'	0 ^h 52'	0 ^h 4'	24 ^h 44'	3 ^h 56'	
S 4	0 48 1	10 ^h 4'40"	29 ^h 32'	4 ^h 44'	21 ^h 29'	17 ^h 11'	26 ^h 30'	11 ^h 49'	4 ^h 52	1 ^h 40	1 ^h 31'	0 ^h 50'	0 ^h 1'	24 ^h 51'	3 ^h 55'	
M 5	0 51 58	11 ^h 3'55"	11 ^h 36'	5 ^h 20'	22 ^h 4'	17 ^h 53'	26 ^h 37'	11 ^h 55'	4 ^h 56	1 ^h 38	1 ^h 32'	0 ^h D49	29 ^h 58'	24 ^h 58'	3 ^h 55'	
T 6	0 55 54	12 ^h 3'12"	23 ^h 55'	5 ^h 50'	22 ^h 38'	18 ^h 36'	26 ^h 45'	12 ^h 0'	4 ^h 59	1 ^h 37	1 ^h 34'	0 ^h R49	29 ^h 54'	25 ^h 5'	3 ^h 54'	
W 7	0 59 51	13 ^h 2'32"	6 ^h 34'	6 ^h 15'	23 ^h 10'	19 ^h 18'	26 ^h 53'	12 ^h 5'	5 ^h 2	1 ^h 35	1 ^h 36'	0 ^h 49'	29 ^h 51'	25 ^h 11'	3 ^h 54'	
T 8	1 3 48	14 ^h 1'54"	19 ^h 38'	6 ^h 35'	23 ^h 42'	20 ^h 0'	27 ^h 1'	12 ^h 10'	5 ^h 5	1 ^h 33	1 ^h 37'	0 ^h 48'	29 ^h 48'	25 ^h 18'	3 ^h 53'	
F 9	1 7 44	15 ^h 1'19"	3 ^h 39'	6 ^h 48'	24 ^h 11'	20 ^h 43'	27 ^h 9'	12 ^h 15'	5 ^h 8	1 ^h 32	1 ^h 39'	0 ^h 44'	29 ^h 45'	25 ^h 25'	3 ^h 53'	
S 10	1 11 41	16 ^h 0'45"	17 ^h 9'	6 ^h R54	24 ^h 40'	21 ^h 25'	27 ^h 17'	12 ^h 20'	5 ^h 11	1 ^h 30	1 ^h 40'	0 ^h 38'	29 ^h 42'	25 ^h 31'	3 ^h 53'	
S 11	1 15 37	17 ^h 0'14"	1 ^h 35'	6 ^h 53'	25 ^h 6'	22 ^h 8'	27 ^h 26'	12 ^h 24'	5 ^h 14	1 ^h 29	1 ^h 42'	0 ^h 29'	29 ^h 38'	25 ^h 38'	3 ^h 52'	
M 12	1 19 34	17 ^h 59'45"	16 ^h 24'	6 ^h 45'	25 ^h 31'	22 ^h 50'	27 ^h 34'	12 ^h 29'	5 ^h 17	1 ^h 27	1 ^h 43'	0 ^h 19'	29 ^h 35'	25 ^h 45'	3 ^h 52'	
T 13	1 23 30	18 ^h 59'18"	1 ^h 26'	6 ^h 28'	25 ^h 55'	23 ^h 33'	27 ^h 43'	12 ^h 33'	5 ^h 20	1 ^h 25	1 ^h 45'	0 ^h 7'	29 ^h 32'	25 ^h 52'	3 ^h D52	
W 14	1 27 27	19 ^h 58'53"	16 ^h 31'	6 ^h 2'	26 ^h 16'	24 ^h 16'	27 ^h 52'	12 ^h 38'	5 ^h 23	1 ^h 24	1 ^h 46'	29 ^h 56'	29 ^h 29'	25 ^h 58'	3 ^h 52'	
T 15	1 31 23	20 ^h 58'30"	1 ^h 20'	5 ^h 28'	26 ^h 36'	24 ^h 59'	28 ^h 1'	12 ^h 42'	5 ^h 26	1 ^h 22	1 ^h 48'	29 ^h 48'	29 ^h 26'	26 ^h 5'	3 ^h 52'	
F 16	1 35 20	21 ^h 58'09"	16 ^h 14'	4 ^h 46'	26 ^h 54'	25 ^h 42'	28 ^h 10'	12 ^h 47'	5 ^h 29	1 ^h 20	1 ^h 49'	29 ^h 41'	29 ^h 23'	26 ^h 12'	3 ^h 52'	
S 17	1 39 17	22 ^h 57'49"	0 ^h 38'	3 ^h 55'	27 ^h 10'	26 ^h 25'	28 ^h 19'	12 ^h 51'	5 ^h 32	1 ^h 19	1 ^h 51'	29 ^h 38'	29 ^h 19'	26 ^h 18'	3 ^h 53'	
S 18	1 43 13	23 ^h 57'32"	14 ^h 39'	2 ^h 56'	27 ^h 24'	27 ^h 8'	28 ^h 28'	12 ^h 55'	5 ^h 35	1 ^h 17	1 ^h 52'	29 ^h 36'	29 ^h 16'	26 ^h 25		

SWISS EPHEMERIS for the year 1711

NOVEMBER 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 38 25	7♏56'29	8♏ 2	21♏13	26°R38	7♏18	0♃50	13♏43	6♏10	0°R53	2♏ 9	27°R46	28♃32	27♃59	4♏ 5
M 2	2 42 21	8°56'39	20° 5	21°28	26♏17	8° 2	1° 1	13°46	6°12	0♃52	2°10	27♃45	28°29	28° 6	4° 6
T 3	2 46 18	9°56'51	2♏20	21°54	25°54	8°46	1°12	13°48	6°14	0°50	2°11	27°D44	28°25	28°12	4° 7
W 4	2 50 15	10°57'06	14°54	22°29	25°29	9°30	1°23	13°51	6°17	0°48	2°12	27°R44	28°22	28°19	4° 9
T 5	2 54 11	11°57'22	27°52	23°12	25° 1	10°14	1°34	13°53	6°19	0°47	2°13	27°43	28°19	28°26	4°10
F 6	2 58 8	12°57'40	11♏17	24° 2	24°32	10°59	1°45	13°55	6°21	0°45	2°14	27°41	28°16	28°33	4°12
S 7	3 2 4	13°58'01	25°12	25° 0	24° 2	11°43	1°57	13°57	6°23	0°44	2°15	27°35	28°13	28°39	4°14
S 8	3 6 1	14°58'23	9♏37	26° 2	23°30	12°27	2° 8	13°59	6°25	0°42	2°15	27°27	28° 9	28°46	4°15
M 9	3 9 57	15°58'47	24°29	27°10	22°56	13°12	2°20	14° 1	6°26	0°40	2°16	27°17	28° 6	28°53	4°17
T 10	3 13 54	16°59'13	9♏39	28°23	22°22	13°57	2°31	14° 3	6°28	0°39	2°17	27° 6	28° 3	28°59	4°19
W 11	3 17 50	17°59'41	24°58	29°38	21°47	14°41	2°43	14° 5	6°30	0°37	2°18	26°56	28° 0	29° 6	4°21
T 12	3 21 47	19° 0'10	10♏14	0♏58	21°11	15°26	2°55	14° 7	6°32	0°35	2°19	26°47	27°57	29°13	4°23
F 13	3 25 44	20° 0'41	25°16	2°19	20°34	16°11	3° 7	14° 8	6°33	0°34	2°19	26°41	27°54	29°19	4°25
S 14	3 29 40	21° 1'14	9♃57	3°43	19°58	16°55	3°19	14° 9	6°35	0°32	2°20	26°38	27°50	29°26	4°27
S 15	3 33 37	22° 1'47	24°12	5° 9	19°22	17°40	3°31	14°11	6°37	0°31	2°21	26°D37	27°47	29°33	4°29
M 16	3 37 33	23° 2'22	7♏59	6°36	18°46	18°25	3°43	14°12	6°38	0°29	2°21	26°37	27°44	29°40	4°32
T 17	3 41 30	24° 2'58	21°21	8° 5	18°10	19°10	3°55	14°13	6°40	0°28	2°22	26°R37	27°41	29°46	4°34
W 18	3 45 26	25° 3'35	4♏19	9°35	17°36	19°55	4° 7	14°14	6°41	0°26	2°22	26°37	27°38	29°53	4°36
T 19	3 49 23	26° 4'13	16°59	11° 5	17° 3	20°40	4°19	14°15	6°42	0°25	2°23	26°35	27°35	29°59	4°39
F 20	3 53 19	27° 4'53	29°23	12°37	16°31	21°26	4°32	14°15	6°44	0°23	2°23	26°30	27°31	0♏ 6	4°41
S 21	3 57 16	28° 5'33	11♏36	14° 8	16° 0	22°11	4°44	14°16	6°45	0°22	2°24	26°23	27°28	0°13	4°44
S 22	4 1 13	29° 6'15	23°41	15°41	15°31	22°56	4°57	14°17	6°46	0°20	2°24	26°13	27°25	0°20	4°47
M 23	4 5 9	0♏6'58	5♃39	17°13	15° 4	23°41	5° 9	14°17	6°47	0°19	2°25	26° 2	27°22	0°26	4°49
T 24	4 9 6	1° 7'42	17°33	18°46	14°39	24°27	5°22	14°17	6°48	0°18	2°25	25°51	27°19	0°33	4°52
W 25	4 13 2	2° 8'28	29°25	20°20	14°16	25°12	5°35	14°17	6°49	0°16	2°25	25°40	27°15	0°40	4°55
T 26	4 16 59	3° 9'15	11♏16	21°53	13°56	25°58	5°47	14°R17	6°50	0°15	2°26	25°31	27°12	0°47	4°58
F 27	4 20 55	4°10'03	23° 8	23°26	13°37	26°43	6° 0	14°17	6°51	0°13	2°26	25°24	27° 9	0°53	5° 0
S 28	4 24 52	5°10'52	5♏ 2	25° 0	13°21	27°29	6°13	14°17	6°52	0°12	2°26	25°19	27° 6	1° 0	5° 3
S 29	4 28 48	6°11'43	17° 1	26°34	13° 8	28°14	6°26	14°17	6°53	0°11	2°26	25°16	27° 3	1° 7	5° 6
M 30	4 32 45	7♏12'35	29♏ 8	28♏ 7	12♏57	29♏ 0	6♃39	14♏17	6♏54	0♃10	2♏26	25°D16	27♃ 0	1♏13	5♏ 9

Delta T = 8.92 sec.

Greg. Calendar

DECEMBER 1711

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	4 36 42	8♏13'28	11♏26	29♏41	12°R48	29♏46	6♃52	14°R16	6♏54	0°R 8	2♏27	25♃17	26♃56	1♏20	5♏13
W 2	4 40 38	9°14'22	24° 0	1♏15	12♏42	0♃31	7° 5	14♏15	6°55	0♃ 7	2°27	25°19	26°53	1°27	5°16
T 3	4 44 35	10°15'18	6♏54	2°48	12°39	1°17	7°18	14°15	6°56	0° 6	2°27	25°R19	26°50	1°33	5°19
F 4	4 48 31	11°16'15	20°11	4°22	12°D38	2° 3	7°32	14°14	6°56	0° 5	2°27	25°19	26°47	1°40	5°22
S 5	4 52 28	12°17'14	3♏55	5°56	12°39	2°49	7°45	14°13	6°57	0° 4	2°R27	25°17	26°44	1°47	5°26
S 6	4 56 24	13°18'13	18° 7	7°30	12°43	3°35	7°58	14°12	6°57	0° 2	2°27	25°13	26°41	1°54	5°29
M 7	5 0 21	14°19'14	2♏45	9° 4	12°50	4°21	8°11	14°11	6°58	0° 1	2°27	25° 8	26°37	2° 0	5°32
T 8	5 4 17	15°20'16	17°45	10°38	12°58	5° 7	8°25	14° 9	6°58	0° 0	2°27	25° 1	26°34	2° 7	5°36
W 9	5 8 14	16°21'19	2♏57	12°12	13° 9	5°53	8°38	14° 8	6°58	29°V59	2°27	24°55	26°31	2°14	5°39
T 10	5 12 11	17°22'23	18°13	13°46	13°22	6°39	8°52	14° 6	6°58	29°58	2°26	24°50	26°28	2°20	5°43
F 11	5 16 7	18°23'28	3♃21	15°20	13°37	7°26	9° 5	14° 5	6°58	29°57	2°26	24°47	26°25	2°27	5°47
S 12	5 20 4	19°24'33	18°12	16°54	13°54	8°12	9°19	14° 3	6°59	29°56	2°26	24°D45	26°21	2°34	5°50
S 13	5 24 0	20°25'39	2♏39	18°28	14°13	8°58	9°32	14° 1	6°R59	29°55	2°26	24°45	26°18	2°40	5°54
M 14	5 27 57	21°26'45	16°39	20° 3	14°35	9°45	9°46	13°59	6°59	29°54	2°26	24°46	26°15	2°47	5°58
T 15	5 31 53	22°27'52	0♏11	21°37	14°58	10°31	10° 0	13°57	6°58	29°53	2°25	24°48	26°12	2°54	6° 1
W 16	5 35 50	23°28'58	13°17	23°12	15°22	11°17	10°13	13°55	6°58	29°53	2°25	24°49	26° 9	3° 1	6° 5
T 17	5 39 46	24°30'05	26° 0	24°47	15°49	12° 4	10°27	13°53	6°58	29°52	2°25	24°R50	26° 6	3° 7	6° 9
F 18	5 43 43	25°31'13	8°V24	26°22	16°17	12°50	10°41	13°50	6°58	29°51	2°24	24°49	26° 2	3°14	6°13
S 19	5 47 40	26°32'20	20°34	27°57	16°47	13°37	10°54	13°48	6°58	29°50	2°24	24°46	25°59	3°21	6°17
S 20	5 51 36	27°33'28	2♃34	29°33	17°19	14°23	11° 8	13°45	6°57	29°49	2°23	24°43	25°56	3°27	6°21
M 21	5 55 33	28°34'36	14°28	1♃ 9	17°52	15°10	11°22	13°43	6°57	29°49	2°23	24°39	25°53	3°34	6°25
T 22	5 59 29	29°35'44	26°19	2°45	18°26	15°57	11°36	13°40	6°56	29°48	2°22	24°34	25°50	3°41	6°29
W 23	6 3 26	0♃36'52	8♏ 9	4°21	19° 2	16°43	11°50	13°37	6°56	29°47	2°22	24°30	25°47	3°47	6°33
T 24	6 7 22	1°38'01	20° 2	5°57	19°39	17°30	12° 4	13°34	6°55	29°47	2°21	24°26	25°43	3°54	6°37
F 25	6 11 19	2°39'09	1♃59	7°34	20°18	18°17	12°17	13°31	6°54	29°46	2°21	24°23	25°40	4° 1	6°41
S 26	6 15 16	3°40'18	14° 2	9°11	20°57	19° 3	12°31	13°28	6°54	29°46	2°20	24°22	25°37	4° 7	6°45
S 27	6 19 12	4°41'27	26°12	10°48	21°38	19°50	12°45	13°25	6°53	29°45	2°19	24°D21	25°34	4°14	6°50
M 28	6 23 9	5°42'37	8♏31	12°26	22°20	20°37	12°59	13°22	6°52	29°45	2°19	24°22	25°31	4°21	6°54
T 29	6 27 5	6°43'46	21° 1	14° 4	23° 4	21°24	13°13	13°18	6°51	29°44	2°18	24°23	25°27	4°28	6°58
W 30	6 31 2	7°44'56	3♏45	15°41	23°48	22°11	13°27	13°15	6°50	29°44	2°17	24°24	25°24	4°34	7° 3
T 31	6 34 58	8♃46'06	16♏45	17♃20	24♏33	22♃58	13♃41	13♏11	6♏50	29°V43	2♏17	24♃26	25♃21	4♏41	7♏ 7

Delta T = 8.92 sec.

Greg. Calendar

created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]