

SWISS EPHEMERIS for the year 1715

JANUARY 1715

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	6 39 59	10♌3'41	14♎7	18♋19	13♏46	16♊35	11♍10	24♎23	21°R17	6°R31	8°R19	28♎44	27♎16	6♏54	22♋14
W 2	6 43 56	11° 4'52	26°27	18°50	13°57	17° 4	11°15	24°23	21°17	6♏31	8°18	28°R45	27°13	7° 0	22°17
T 3	6 47 53	12° 6'03	9♋27	19°28	14° 5	17°33	11°20	24°23	21°17	6°30	8°18	28°44	27° 9	7° 7	22°21
F 4	6 51 49	13° 7'14	22° 2	20°10	14°12	18° 2	11°26	24°R23	21°16	6°30	8°17	28°42	27° 6	7°14	22°24
S 5	6 55 46	14° 8'25	5♌20	20°58	14°16	18°31	11°32	24°23	21°16	6°29	8°16	28°37	27° 3	7°20	22°28
S 6	6 59 42	15° 9'36	18°59	21°50	14°R18	18°59	11°38	24°23	21°15	6°29	8°16	28°30	27° 0	7°27	22°32
M 7	7 3 39	16°10'47	2♍55	22°45	14°17	19°28	11°44	24°23	21°15	6°29	8°15	28°22	26°57	7°34	22°35
T 8	7 7 35	17°11'57	17° 4	23°45	14°14	19°56	11°51	24°22	21°14	6°28	8°14	28°14	26°53	7°40	22°39
W 9	7 11 32	18°13'06	1♋21	24°47	14° 8	20°24	11°57	24°22	21°13	6°28	8°13	28° 6	26°50	7°47	22°43
T 10	7 15 29	19°14'15	15°40	25°52	14° 0	20°51	12° 4	24°21	21°13	6°28	8°12	28° 0	26°47	7°54	22°46
F 11	7 19 25	20°15'23	29°57	26°59	13°49	21°19	12°11	24°21	21°12	6°27	8°11	27°55	26°44	8° 1	22°50
S 12	7 23 22	21°16'31	14♍10	28° 9	13°36	21°46	12°18	24°20	21°11	6°27	8°10	27°54	26°41	8° 7	22°54
S 13	7 27 18	22°17'37	28°15	29°20	13°20	22°13	12°25	24°19	21°10	6°27	8° 9	27°D53	26°38	8°14	22°58
M14	7 31 15	23°18'43	12♌12	0♌34	13° 1	22°40	12°33	24°18	21° 9	6°27	8° 8	27°54	26°34	8°21	23° 1
T 15	7 35 11	24°19'48	26° 1	1°49	12°41	23° 7	12°40	24°17	21° 8	6°27	8° 7	27°R55	26°31	8°27	23° 5
W16	7 39 8	25°20'52	9♎42	3° 6	12°18	23°34	12°48	24°15	21° 7	6°27	8° 6	27°54	26°28	8°34	23° 9
T 17	7 43 4	26°21'56	23°14	4°24	11°53	24° 0	12°56	24°14	21° 6	6°D27	8° 5	27°52	26°25	8°41	23°13
F 18	7 47 1	27°22'58	6♌35	5°43	11°25	24°26	13° 4	24°13	21° 5	6°27	8° 4	27°46	26°22	8°47	23°17
S 19	7 50 58	28°24'00	19°46	7° 4	10°56	24°52	13°12	24°11	21° 4	6°27	8° 3	27°38	26°19	8°54	23°21
S 20	7 54 54	29°25'01	2♎44	8°26	10°25	25°17	13°20	24° 9	21° 2	6°27	8° 2	27°27	26°15	9° 1	23°25
M21	7 58 51	0♎26'01	15°28	9°48	9°53	25°43	13°29	24° 8	21° 1	6°27	8° 1	27°15	26°12	9° 7	23°29
T 22	8 2 47	1°27'00	27°58	11°12	9°19	26° 8	13°37	24° 6	21° 0	6°27	8° 0	27° 3	26° 9	9°14	23°33
W23	8 6 44	2°27'58	10♎15	12°37	8°44	26°33	13°46	24° 4	20°58	6°27	7°58	26°52	26° 6	9°21	23°37
T 24	8 10 40	3°28'56	22°20	14° 2	8° 8	26°57	13°55	24° 2	20°57	6°28	7°57	26°42	26° 3	9°27	23°41
F 25	8 14 37	4°29'53	4♎15	15°29	7°31	27°22	14° 4	23°59	20°55	6°28	7°56	26°35	25°59	9°34	23°45
S 26	8 18 33	5°30'49	16° 5	16°56	6°54	27°46	14°13	23°57	20°54	6°28	7°55	26°31	25°56	9°41	23°49
S 27	8 22 30	6°31'45	27°55	18°24	6°17	28° 9	14°22	23°55	20°52	6°29	7°53	26°29	25°53	9°48	23°53
M28	8 26 27	7°32'40	9♎48	19°53	5°40	28°33	14°32	23°52	20°50	6°29	7°52	26°D29	25°50	9°54	23°57
T 29	8 30 23	8°33'34	21°51	21°23	5° 3	28°56	14°41	23°50	20°49	6°29	7°51	26°R29	25°47	10° 1	24° 1
W30	8 34 20	9°34'27	4♏10	22°54	4°27	29°19	14°51	23°47	20°47	6°30	7°50	26°R29	25°44	10° 8	24° 5
T 31	8 38 16	10°35'20	16♏48	24♏25	3♏52	29♏42	15° 1	23♎44	20♎45	6♏30	7♎48	26♎27	25♎40	10♏14	24♏10

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	23s 6	17s21	1s19	20s20	2n38	15s31	1n16	4s44	1n57	3n13	1s18	4n14	2n11	4n11	0n47
W 2	23 1	19 35	0 12	20 30	2 31	15 15	1 29	4 55	1 57	3 16	1 18	4 14	2 11	4 11	0 47
T 3	22 55	20 56	0n56	20 41	2 23	15 0	1 42	5 6	1 57	3 18	1 18	4 15	2 11	4 11	0 47
F 4	22 50	21 12	2 3	20 53	2 14	14 45	1 56	5 16	1 58	3 21	1 17	4 15	2 12	4 11	0 47
S 5	22 43	20 18	3 5	21 5	2 5	14 30	2 9	5 27	1 58	3 23	1 17	4 15	2 12	4 11	0 47
S 6	22 37	18 12	3 58	21 17	1 56	14 16	2 24	5 37	1 59	3 26	1 17	4 15	2 12	4 12	0 47
M 7	22 30	15 2	4 38	21 30	1 47	14 3	2 38	5 47	1 59	3 28	1 17	4 16	2 12	4 12	0 47
T 8	22 22	10 57	5 1	21 42	1 38	13 50	2 53	5 58	1 59	3 31	1 16	4 16	2 13	4 12	0 47
W 9	22 14	6 14	5 6	21 54	1 29	13 37	3 8	6 8	2 0	3 34	1 16	4 17	2 13	4 13	0 47
T 10	22 6	1 10	4 53	22 5	1 19	13 25	3 23	6 18	2 0	3 37	1 16	4 17	2 13	4 13	0 47
F 11	21 57	3n58	4 21	22 16	1 10	13 14	3 38	6 28	2 1	3 40	1 15	4 18	2 14	4 13	0 47
S 12	21 47	8 51	3 33	22 27	1 1	13 3	3 53	6 38	2 1	3 43	1 15	4 18	2 14	4 14	0 47
S 13	21 38	13 14	2 32	22 36	0 52	12 53	4 8	6 47	2 1	3 46	1 15	4 19	2 14	4 14	0 47
M14	21 28	16 51	1 23	22 45	0 43	12 43	4 23	6 57	2 2	3 49	1 15	4 19	2 14	4 14	0 47
T 15	21 17	19 27	0 10	22 53	0 34	12 34	4 38	7 6	2 2	3 52	1 14	4 20	2 15	4 15	0 48
W16	21 6	20 54	1s 3	23 1	0 26	12 26	4 53	7 16	2 3	3 56	1 14	4 21	2 15	4 15	0 48
T 17	20 55	21 7	2 11	23 7	0 17	12 19	5 8	7 25	2 3	3 59	1 14	4 22	2 15	4 16	0 48
F 18	20 43	20 8	3 11	23 12	0 9	12 12	5 23	7 34	2 3	4 2	1 14	4 23	2 15	4 16	0 48
S 19	20 31	18 3	4 0	23 17	0 0	12 6	5 37	7 43	2 4	4 6	1 13	4 23	2 16	4 17	0 48
S 20	20 18	15 6	4 36	23 20	0s 8	12 1	5 51	7 52	2 4	4 9	1 13	4 24	2 16	4 17	0 48
M21	20 5	11 30	4 57	23 22	0 15	11 57	6 4	8 1	2 4	4 13	1 13	4 25	2 16	4 18	0 48
T 22	19 52	7 27	5 3	23 23	0 23	11 53	6 17	8 10	2 5	4 16	1 13	4 26	2 17	4 18	0 48
W23	19 38	3 11	4 55	23 23	0 30	11 50	6 29	8 18	2 5	4 20	1 12	4 27	2 17	4 19	0 48
T 24	19 24	1s 8	4 34	23 21	0 38	11 48	6 41	8 27	2 6	4 23	1 12	4 28	2 17	4 20	0 48
F 25	19 10	5 22	4 1	23 19	0 45	11 47	6 52	8 35	2 6	4 27	1 12	4 29	2 17	4 20	0 48
S 26	18 55	9 22	3 17	23 15	0 51	11 46	7 2	8 44	2 6	4 31	1 12	4 31	2 18	4 21	0 48
S 27	18 40	13 1	2 26	23 10	0 58	11 46	7 11	8 52	2 7	4 35	1 11	4 32	2 18	4 22	0 48
M28	18 25	16 9	1 28	23 3	1 4	11 46	7 20	9 0	2 7	4 39	1 11	4 33	2 18	4 22	0 48
T 29	18 9	18 39	0 25	22 56	1 10	11 47	7 27	9 8	2 7	4 42	1 11	4 34	2 18	4 23	0 48
W30	17 53	20 21	0n41	22 47	1 16	11 49	7 34	9 15	2 8	4 46	1 11	4 35	2 19	4 24	0 48
T 31	17s36	21s 4	1n46	22s36	1s21	11s52	7n40	9s23	2n 8	4n50	1s10	4n37	2n19	4n24	0n48

Julian Day Number = 2347450.5, Delta T = 8.95 sec
 Ecliptic obliquity = 23°28'29", Nutation = 0°00'15"
 Ayanamsha: Fagan/Bradley = 20°45'43", Lahiri = 19°52'43"Greg. Calendar

SWISS EPHEMERIS for the year 1715

FEBRUARY 1715

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	8 42 13	11 ^h 36'11"	29 ^h 25'	25 ^h 57'	3 ^h R18	0 ^h M 4	15 ^h Y11	23 ^h R42	20 ^h R44	6 ^h B31	7 ^h R47	26 ^h R23	25 ^h M37	10 ^h Ω21	24 ^h ≈14
S 2	8 46 9	12 ^h 37'02"	13 ^h Ω20	27 ^h 30	2 ^h ≈45	0 ^h 26	15 ^h 21	23 ^h Y39	20 ^h Y42	6 ^h 31	7 ^h Y46	26 ^h M16	25 ^h 34	10 ^h 28	24 ^h 18
S 3	8 50 6	13 ^h 37'51"	27 ^h 14	29 ^h 4	2 ^h 14	0 ^h 48	15 ^h 31	23 ^h 36	20 ^h 40	6 ^h 32	7 ^h 44	26 ^h 7	25 ^h 31	10 ^h 34	24 ^h 22
M 4	8 54 2	14 ^h 38'40"	11 ^h ≈33	0 ^h ≈38	1 ^h 44	1 ^h 9	15 ^h 41	23 ^h 33	20 ^h 38	6 ^h 32	7 ^h 43	25 ^h 55	25 ^h 28	10 ^h 41	24 ^h 26
T 5	8 57 59	15 ^h 39'27"	26 ^h 8	2 ^h 13	1 ^h 16	1 ^h 30	15 ^h 51	23 ^h 29	20 ^h 36	6 ^h 33	7 ^h 41	25 ^h 43	25 ^h 24	10 ^h 48	24 ^h 31
W 6	9 1 56	16 ^h 40'12"	10 ^h ≈53	3 ^h 49	0 ^h 50	1 ^h 50	16 ^h 2	23 ^h 26	20 ^h 34	6 ^h 34	7 ^h 40	25 ^h 32	25 ^h 21	10 ^h 54	24 ^h 35
T 7	9 5 52	17 ^h 40'56"	25 ^h 40	5 ^h 26	0 ^h 27	2 ^h 11	16 ^h 13	23 ^h 23	20 ^h 32	6 ^h 35	7 ^h 38	25 ^h 22	25 ^h 18	11 ^h 1	24 ^h 39
F 8	9 9 49	18 ^h 41'39"	10 ^h Y20	7 ^h 3	0 ^h 5	2 ^h 31	16 ^h 23	23 ^h 19	20 ^h 30	6 ^h 35	7 ^h 37	25 ^h 15	25 ^h 15	11 ^h 8	24 ^h 43
S 9	9 13 45	19 ^h 42'20"	24 ^h 49	8 ^h 42	2 ^h 9Z46	2 ^h 50	16 ^h 34	23 ^h 16	20 ^h 28	6 ^h 36	7 ^h 36	25 ^h 11	25 ^h 12	11 ^h 14	24 ^h 47
S 10	9 17 42	20 ^h 42'59"	9 ^h B 1	10 ^h 21	2 ^h 929	3 ^h 9	16 ^h 45	23 ^h 12	20 ^h 26	6 ^h 37	7 ^h 34	25 ^h 9	25 ^h 9	11 ^h 21	24 ^h 52
M 11	9 21 38	21 ^h 43'37"	22 ^h 57	12 ^h 1	2 ^h 915	3 ^h 28	16 ^h 56	23 ^h 9	20 ^h 23	6 ^h 38	7 ^h 33	25 ^h 9	25 ^h 5	11 ^h 28	24 ^h 56
T 12	9 25 35	22 ^h 44'13"	6 ^h II37	13 ^h 42	2 ^h 93	3 ^h 46	17 ^h 7	23 ^h 5	20 ^h 21	6 ^h 39	7 ^h 31	25 ^h 9	25 ^h 2	11 ^h 34	25 ^h 0
W 13	9 29 31	23 ^h 44'47"	20 ^h 2	15 ^h 24	2 ^h 853	4 ^h 4	17 ^h 18	23 ^h 1	20 ^h 19	6 ^h 39	7 ^h 30	25 ^h 7	24 ^h 59	11 ^h 41	25 ^h 4
T 14	9 33 28	24 ^h 45'19"	3 ^h Ω14	17 ^h 6	2 ^h 846	4 ^h 22	17 ^h 30	22 ^h 57	20 ^h 17	6 ^h 40	7 ^h 28	25 ^h 4	24 ^h 56	11 ^h 48	25 ^h 9
F 15	9 37 25	25 ^h 45'49"	16 ^h 13	18 ^h 50	2 ^h 842	4 ^h 39	17 ^h 41	22 ^h 53	20 ^h 14	6 ^h 41	7 ^h 27	24 ^h 57	24 ^h 53	11 ^h 55	25 ^h 13
S 16	9 41 21	26 ^h 46'18"	29 ^h 2	20 ^h 35	2 ^h 8D40	4 ^h 56	17 ^h 53	22 ^h 50	20 ^h 12	6 ^h 42	7 ^h 25	24 ^h 47	24 ^h 50	12 ^h 1	25 ^h 17
S 17	9 45 18	27 ^h 46'45"	11 ^h Ω40	22 ^h 20	2 ^h 840	5 ^h 12	18 ^h 4	22 ^h 45	20 ^h 10	6 ^h 43	7 ^h 23	24 ^h 34	24 ^h 46	12 ^h 8	25 ^h 21
M 18	9 49 14	28 ^h 47'10"	24 ^h 8	24 ^h 6	2 ^h 843	5 ^h 28	18 ^h 16	22 ^h 41	20 ^h 7	6 ^h 44	7 ^h 22	24 ^h 20	24 ^h 43	12 ^h 15	25 ^h 26
T 19	9 53 11	29 ^h 47'34"	6 ^h Y26	25 ^h 54	2 ^h 848	5 ^h 43	18 ^h 28	22 ^h 37	20 ^h 5	6 ^h 46	7 ^h 20	24 ^h 6	24 ^h 40	12 ^h 21	25 ^h 30
W 20	9 57 7	0 ^h ≈47'56"	18 ^h 34	27 ^h 42	2 ^h 855	5 ^h 58	18 ^h 40	22 ^h 33	20 ^h 3	6 ^h 47	7 ^h 19	23 ^h 52	24 ^h 37	12 ^h 28	25 ^h 34
T 21	10 1 4	1 ^h 48'16"	0 ^h Ω33	29 ^h 31	2 ^h 95	6 ^h 12	18 ^h 52	22 ^h 29	20 ^h 0	6 ^h 48	7 ^h 17	23 ^h 41	24 ^h 34	12 ^h 35	25 ^h 38
F 22	10 5 0	2 ^h 48'35"	12 ^h 26	1 ^h ≈21	2 ^h 917	6 ^h 26	19 ^h 4	22 ^h 25	19 ^h 58	6 ^h 49	7 ^h 16	23 ^h 32	24 ^h 30	12 ^h 41	25 ^h 42
S 23	10 8 57	3 ^h 48'52"	24 ^h 15	3 ^h 12	2 ^h 931	6 ^h 40	19 ^h 16	22 ^h 20	19 ^h 55	6 ^h 50	7 ^h 14	23 ^h 26	24 ^h 27	12 ^h 48	25 ^h 47
S 24	10 12 53	4 ^h 49'08"	6 ^h M 3	5 ^h 4	2 ^h 947	6 ^h 52	19 ^h 28	22 ^h 16	19 ^h 53	6 ^h 51	7 ^h 13	23 ^h 22	24 ^h 24	12 ^h 55	25 ^h 51
M 25	10 16 50	5 ^h 49'22"	17 ^h 55	6 ^h 57	0 ^h ≈5	7 ^h 5	19 ^h 40	22 ^h 11	19 ^h 50	6 ^h 53	7 ^h 11	23 ^h 21	24 ^h 21	13 ^h 1	25 ^h 55
T 26	10 20 47	6 ^h 49'34"	29 ^h 56	8 ^h 51	0 ^h 25	7 ^h 17	19 ^h 53	22 ^h 7	19 ^h 48	6 ^h 54	7 ^h 9	23 ^h D21	24 ^h 18	13 ^h 8	25 ^h 59
W 27	10 24 43	7 ^h 49'46"	12 ^h ≈11	10 ^h 45	0 ^h 47	7 ^h 28	20 ^h 5	22 ^h 2	19 ^h 45	6 ^h 55	7 ^h 8	23 ^h R21	24 ^h 15	13 ^h 15	26 ^h 3
T 28	10 28 40	8 ^h ≈49'55"	24 ^h ≈46	12 ^h ≈41	1 ^h ≈11	7 ^h M39	20 ^h Y18	21 ^h Y58	19 ^h Y43	6 ^h B57	7 ^h Y6	23 ^h M20	24 ^h M11	13 ^h ≈21	26 ^h ≈8

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♃		♄			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17s20	20s41	2n47	22s24	1s27	11s54	7n45	9s30	2n 8	4n54	1s10	4n38	2n19	4n25	0n48	12n 1	1s48	21n23	13n46	19s22	19s12	7s28	7s55	5n53						
S 2	17 3 19	8 3 41	22 11	1 32	11 58	7 49	9 38	2 9	4 58	1 10	4 39	2 19	4 26	0 48	12 1	1 47	21 24	13 47	19 21	19 11	7 30	7 54	5 52							
S 3	16 45	16 26	4 24	21 57	1 36	12 1	7 52	9 45	2 9	5 3	1 10	4 41	2 19	4 27	0 48	12 2	1 47	21 25	13 47	19 19	19 10	7 32	7 52	5 52						
M 4	16 28	12 41	4 51	21 41	1 41	12 6	7 54	9 52	2 9	5 7	1 10	4 42	2 20	4 27	0 48	12 2	1 47	21 25	13 47	19 16	19 9	7 34	7 51	5 52						
T 5	16 10	8 6	5 1	21 24	1 45	12 10	7 55	9 59	2 10	5 11	1 9	4 44	2 20	4 28	0 48	12 2	1 47	21 26	13 47	19 13	19 9	7 36	7 50	5 52						
W 6	15 52	3 1	4 50	21 5	1 48	12 15	7 56	10 6	2 10	5 15	1 9	4 45	2 20	4 29	0 48	12 2	1 47	21 27	13 47	19 10	19 8	7 38	7 49	5 52						
T 7	15 33	2n15	4 20	20 45	1 52	12 20	7 56	10 12	2 10	5 19	1 9	4 47	2 20	4 30	0 48	12 3	1 47	21 28	13 48	19 8	19 7	7 40	7 47	5 52						
F 8	15 15	7 22	3 33	20 23	1 55	12 25	7 55	10 19	2 11	5 24	1 9	4 48	2 21	4 31	0 48	12 3	1 47	21 28	13 48	19 6	19 6	7 42	7 46	5 52						
S 9	14 56	12 0	2 33	20 0	1 58	12 31	7 53	10 25	2 11	5 28	1 8	4 50	2 21	4 31	0 48	12 3	1 47	21 29	13 48	19 5	19 6	7 45	7 45	5 52						
S 10	14 37	15 51	1 24	19 36	2 0	12 37	7 51	10 31	2 11	5 32	1 8	4 51	2 21	4 32	0 48	12 4	1 47	21 30	13 48	19 5	19 5	7 47	7 43	5 52						
M 11	14 17	18 44	0 12	19 10	2 2	12 42	7 48	10 38	2 12	5 37	1 8	4 53	2 21	4 33	0 48	12 4	1 47	21 31	13 49	19 5	19 4	7 49	7 42	5 52						
T 12	13 57	20 27	1s 0	18 43	2 3	12 48	7 44	10 43	2 12	5 41	1 8	4 55	2 21	4 34	0 48	12 4	1 47	21 31	13 49	19 5	19 3	7 51	7 41	5 52						
W 13	13 38	20 59	2 7	18 14	2 5	12 54	7 40	10 49	2 12	5 46	1 8	4 56	2 22	4 35	0 48	12 5	1 47	21 32	13 49	19 4	19 2	7 53	7 39	5 52						
T 14	13 17	20 20	3 7	17 43	2 6	13 0	7 35	10 55	2 12	5 50	1 8	4 58	2 22	4 36	0 48	12 5	1 47	21 33	13 49	19 4	19 2	7 55	7 38	5 51						
F 15	12 57	18 36	3 55	17 12	2 6	13 6	7 30	11 0	2 13	5 55	1 7	5 0	2 22	4 37	0 48	12 5	1 47	21 34	13 49	19 2	19 1	7 57	7 37	5 51						
S 16	12 37	15 58	4 31	16 39	2 6	13 12	7 24	11 6	2 13	5 59	1 7	5 2	2 22	4 38	0 48	12 6	1 47	21 34	13 49	19 0	19 0	7 59	7 35	5 51						
S 17	12 16	12 38	4 52	16 4	2 6	13 18	7 18	11 11	2 13	6 4	1 7	5 3	2 22	4 39	0 48	12 6	1 47	21 35	13 50	18 56	18 59	8 1	7 34	5 51						
M 18	11 55	8 47	5 0	15 28	2 5	13 24	7 12	11 16	2 13	6 9	1 7	5 5	2 22	4 40	0 48	12 7	1 46	21 36	13 50	18 53	18 59	8 3	7 33	5 51						
T 19	11 34	4 38	4 53	14 50	2 3	13 29	7 5	11 21	2 14	6 13	1 7	5 7	2 23	4 41	0 49	12 7	1 46	21 37	13 50	18 50	18 58	8 5	7 31	5 51						
W 20	11 12	0 21	4 33	14 11	2 1	13 35	6 58	11 25	2 14	6 18	1 6	5 9	2 23	4 42	0 49	12 7	1 46	21 37	13 50	18 46	18 57	8 7	7 30	5 51						
T 21	10 51	3s54	4 1	13 31	1 59	13 40	6 51																							

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00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	12 34 49	10°37'43	27°48'	22°R 4	24°26'	7°R27	27°28'	19°R30	18°R21	7°53	6°R20	20°R50	22°M30	16°55	28°10							
T 2	12 38 46	11°36'48	12°33'	21°Y43	25°23'	7°M14	27°42'	19°M26	18°M19	7°55	6°M19	20°M45	22°27	17° 2	28°13							
W 3	12 42 42	12°35'50	27°36'	21°16	26°19'	7° 1	27°57'	19°21	18°16	7°57	6°17	20°39	22°23	17° 8	28°17							
T 4	12 46 39	13°34'51	12°51'	20°44	27°17'	6°47	28°11'	19°17	18°14	7°59	6°16	20°34	22°20	17°15	28°20							
F 5	12 50 36	14°33'50	28° 5	20° 8	28°15'	6°32	28°25'	19°13	18°12	8° 1	6°15	20°30	22°17	17°22	28°23							
S 6	12 54 32	15°32'47	13° 9	19°29	29°13'	6°17	28°39'	19° 9	18°10	8° 3	6°14	20°29	22°14	17°28	28°26							
S 7	12 58 29	16°31'42	27°55'	18°46	0°X11	6° 1	28°53'	19° 5	18° 7	8° 5	6°13	20°D29	22°11	17°35	28°29							
M 8	13 2 25	17°30'34	12°II17	18° 2	1°10	5°44	29° 8	19° 1	18° 5	8° 7	6°12	20°30	22° 7	17°42	28°32							
T 9	13 6 22	18°29'25	26°13'	17°17	2°10	5°27	29°22'	18°57	18° 3	8° 9	6°11	20°31	22° 4	17°48	28°36							
W10	13 10 18	19°28'13	9°644	16°32	3° 9	5° 9	29°36'	18°54	18° 1	8°12	6°10	20°33	22° 1	17°55	28°39							
T11	13 14 15	20°26'58	22°50'	15°47	4° 9	4°50	29°50'	18°50	17°59	8°14	6° 9	20°R33	21°58	18° 2	28°42							
F12	13 18 11	21°25'42	5°Ω36	15° 4	5°10	4°31	0°X 5	18°46	17°57	8°16	6° 8	20°32	21°55	18° 8	28°44							
S13	13 22 8	22°24'23	18° 4	14°24	6°10	4°12	0°19	18°43	17°55	8°18	6° 7	20°30	21°52	18°15	28°47							
S14	13 26 5	23°23'02	0°M18	13°46	7°11	3°52	0°33	18°39	17°53	8°20	6° 6	20°27	21°48	18°22	28°50							
M15	13 30 1	24°21'38	12°22'	13°11	8°13	3°32	0°48	18°36	17°51	8°23	6° 5	20°22	21°45	18°28	28°53							
T16	13 33 58	25°20'13	24°19'	12°41	9°14	3°11	1° 2	18°33	17°49	8°25	6° 4	20°18	21°42	18°35	28°56							
W17	13 37 54	26°18'45	6°Δ11	12°14	10°16	2°50	1°16	18°29	17°47	8°27	6° 3	20°14	21°39	18°42	28°58							
T18	13 41 51	27°17'16	18° 1	11°53	11°19	2°29	1°31	18°26	17°45	8°29	6° 2	20°10	21°36	18°48	29° 1							
F19	13 45 47	28°15'44	29°50'	11°36	12°21	2° 7	1°45	18°23	17°43	8°31	6° 1	20° 8	21°32	18°55	29° 4							
S20	13 49 44	29°14'11	11°M40	11°24	13°24	1°45	1°59	18°20	17°42	8°34	6° 0	20° 7	21°29	19° 2	29° 6							
S21	13 53 40	0°B12'36	23°35'	11°17	14°27	1°23	2°14	18°17	17°40	8°36	5°59	20°D 7	21°26	19° 8	29° 9							
M22	13 57 37	1°10'59	5°Δ36	11°D15	15°30	1° 1	2°28	18°14	17°38	8°38	5°59	20° 7	21°23	19°15	29°11							
T23	14 1 34	2° 9'20	17°46'	11°18	16°34	0°38	2°43	18°12	17°37	8°40	5°58	20° 8	21°20	19°22	29°14							
W24	14 5 30	3° 7'40	0°X 8	11°26	17°37	0°16	2°57	18° 9	17°35	8°43	5°57	20°10	21°17	19°28	29°16							
T25	14 9 27	4° 5'59	12°45'	11°39	18°41	29°Δ53	3°11	18° 6	17°33	8°45	5°57	20°11	21°13	19°35	29°18							
F26	14 13 23	5° 4'15	25°41'	11°56	19°46	29°31	3°26	18° 4	17°32	8°47	5°56	20°12	21°10	19°42	29°21							
S27	14 17 20	6° 2'30	8°Δ59	12°18	20°50	29° 9	3°40	18° 1	17°30	8°49	5°55	20°R12	21° 7	19°48	29°23							
S28	14 21 16	7° 0'44	22°40'	12°45	21°55	28°47	3°54	17°59	17°29	8°52	5°55	20°12	21° 4	19°55	29°25							
M29	14 25 13	7°58'56	6°X47	13°15	22°59	28°24	4° 9	17°57	17°28	8°54	5°54	20°11	21° 1	20° 2	29°27							
T30	14 29 9	8°57'07	21°X16	13°Y50	24°X 4	28°Δ 3	4°B23	17°M55	17°M26	8°B56	5°M54	20°M 9	20°M58	20°Δ 8	29°Δ29							

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	4n13	7s26	5n 8	11n40	3n18	11s55	1n35	12s 6	2n 2	9n38	1s 1	6n23	2n25	5n21	0n48	12n30	1s45	21n59	13n49	18s 0	18s25	9s25	6s34	5n55
T 2	4 36	2 25	4 48	11 29	3 14	11 42	1 28	12 3	2 1	9 44	1 1	6 25	2 25	5 22	0 48	12 31	1 45	21 59	13 48	17 58	18 24	9 27	6 33	5 55
W 3	4 59	2n51	4 9	11 14	3 9	11 30	1 21	12 0	1 59	9 49	1 1	6 26	2 25	5 23	0 48	12 32	1 45	21 59	13 48	17 56	18 24	9 29	6 32	5 55
T 4	5 22	8 0	3 11	10 56	3 3	11 17	1 14	11 56	1 58	9 54	1 1	6 28	2 25	5 24	0 48	12 32	1 45	22 0	13 48	17 55	18 23	9 31	6 30	5 56
F 5	5 45	12 40	0 19	10 35	2 55	11 3	1 7	11 53	1 57	9 59	1 1	6 29	2 25	5 25	0 48	12 33	1 45	22 0	13 48	17 54	18 22	9 33	6 29	5 56
S 6	6 8	16 27	0 40	10 11	2 45	10 49	1 1	11 49	1 55	10 4	1 1	6 31	2 25	5 26	0 48	12 34	1 45	22 0	13 48	17 54	18 21	9 35	6 28	5 56
S 7	6 30	19 4	0s41	9 45	2 34	10 35	0 54	11 45	1 54	10 9	1 1	6 32	2 25	5 27	0 48	12 35	1 45	22 0	13 47	17 54	18 20	9 37	6 27	5 56
M 8	6 53	20 22	1 56	9 17	2 22	10 20	0 48	11 41	1 52	10 14	1 0	6 34	2 25	5 27	0 48	12 35	1 44	22 1	13 47	17 54	18 20	9 39	6 25	5 56
T 9	7 15	20 22	3 3	8 47	2 9	10 5	0 42	11 37	1 51	10 19	1 0	6 35	2 24	5 28	0 48	12 36	1 44	22 1	13 47	17 54	18 19	9 41	6 24	5 57
W10	7 38	19 10	3 58	8 16	1 54	9 49	0 35	11 32	1 49	10 24	1 0	6 37	2 24	5 29	0 48	12 37	1 44	22 1	13 47	17 55	18 18	9 43	6 23	5 57
T11	8 0	16 58	4 38	7 45	1 39	9 33	0 29	11 28	1 48	10 30	1 0	6 38	2 24	5 30	0 48	12 37	1 44	22 1	13 47	17 55	18 17	9 44	6 22	5 57
F12	8 22	14 0	5 3	7 13	1 23	9 16	0 23	11 23	1 46	10 35	1 0	6 39	2 24	5 31	0 48	12 38	1 44	22 1	13 46	17 55	18 16	9 46	6 20	5 57
S13	8 44	10 28	5 13	6 43	1 7	8 59	0 18	11 18	1 44	10 40	1 0	6 41	2 24	5 31	0 48	12 39	1 44	22 1	13 46	17 54	18 15	9 48	6 19	5 58
S14	9 6	6 34	5 9	6 12	0 50	8 42	0 12	11 13	1 42	10 45	1 0	6 42	2 24	5 32	0 48	12 40	1 44	22 2	13 46	17 53	18 15	9 50	6 18	5 58
M15	9 27	2 27	4 51	5 44	0 33	8 24	0 6	11 8	1 40	10 50	1 0	6 43	2 24	5 33	0 48	12 40	1 44	22 2	13 46	17 52	18 14	9 52	6 17	5 58
T16	9 49	1s43	4 20	5 16	0 17	8 6	0 1	11 3	1 38	10 55	1 0	6 44	2 24	5 34	0 48	12 41	1 44	22 2	13 45	17 51	18 13	9 54	6 16	5 58
W17	10 10	5 48	3 39	4 51	0 0	7 48	0s 5	10 58	1 36	11 0	1 0	6 46	2 24	5 34	0 48	12 42	1 44	22 2	13 45	17 50	18 12	9 56	6 14	5 59
T18	10 31	9 39	2 48	4 28	0s16	7 29	0 10	10 53	1 34	11 5	1 0	6 47	2 23	5 35	0 48	12 42	1 44	22 2	13 45	17 49	18 11	9 57	6 13	5 59
F19	10 52	13 8	1 50	4 7	0 32	7 10	0 15	10 47	1 32	11 10	1 0	6 48	2 23	5 36	0 48	12 43	1 44	22 2	13 45	17 48	18 11	9 59	6 12	5 59
S20	11 13	16 6	0 46	3 48	0 47	6 51	0 20	10 42	1 30	11 15	1 0	6 49	2 23	5 36	0 48	12 44	1 44	22 2	13 44	17 48	18 10	10 1	6 11	5 59
S21	11 34	18 23	0n19	3 32	1 1	6 31	0 25	10 36	1 28	11 20	1 0	6 50	2 23	5 37	0 48	12 45	1 44	22 2	13 44	17 48	18 9	10 3	6 10	6 0
M22	11 54	19 53	1 25	3 18	1 15	6 11	0 30	10 31	1 25	11 25	1 0	6 51	2 23	5 38	0 48	12 45	1 44	22 2	13 44	17 48	18 8	10 5	6 9	6 0
T23	12 14	20 28	2 27	3 8	1 28	5 50	0 34	10 25	1 23	11 30	1 0	6 52	2 23	5 38	0 48	12 46	1 44	22 2	13 43	17 48	18 7	10 7	6 8	6 0
W24	12 34	20 5	3 24	2 59	1 40	5 30	0 39	10 19	1 21	11 35	0 59	6 53	2 23	5 39	0 48	12 47	1 44	22 2	13 43	17 49	18 6	10 9	6 7	6 1
T25	12 54	18 41	4 12	2 54	1 52	5 9	0 43	10 14	1 18	11 40	0 59	6 54	2 23	5 39	0 48	12 47	1 44	22 2	13 43	17 49	18 6	10 10	6 6	6 1
F26	13 14	16 19	4 48	2 51	2 3	4 48	0 48	10 8	1 16	11 45	0 59	6 55	2 22	5 40	0 48	12 48	1 44	22 2	13 43	17 49	18 5	10 12	6 4	6 1
S27	13 33	13 2	5 11	2 50	2 13	4 26	0 52	10 3	1 13	11 50	0 59	6 55	2 22	5 41	0 48	12 49	1 44	22 2	13 42	17 49	18 4	10 14	6 3	6 1
S28	13 52	8 59	5 17	2 52	2 22	4 4	0 56	9 57	1 11	11 55	0 59	6 56	2 22	5 41	0 48	12 50	1 44	22 2	13 42	17 49	18 3	10 16	6 2	6 2
M29	14 11	4 20	5 4	2 56	2 30	3 42	1 0	9 52	1 8	11 59	0 59	6 57	2 22	5 42	0 48									

SWISS EPHEMERIS for the year 1715

MAY 1715

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	14 33 6	9♁55'16	6♁ 6	14♁28	25♁10	27°R41	4♁37	17°R53	17°R25	8♁58	5°R53	20°R 8	20♁54	20♁15	29♁31								
T 2	14 37 3	10°53'24	21° 9	15°11	26°15	27°♁20	4°52	17♁51	17♁24	9° 1	5°53	20♁ 7	20°51	20°22	29°33								
F 3	14 40 59	11°51'30	6♁ 6	15°39	27°20	26°59	5° 6	17°49	17°23	9° 3	5°52	20° 7	20°48	20°28	29°35								
S 4	14 44 56	12°49'35	21°20	16°46	28°26	26°38	5°20	17°47	17°21	9° 5	5°52	20°D 6	20°45	20°35	29°37								
S 5	14 48 52	13°47'38	6♁10	17°39	29°32	26°18	5°35	17°46	17°20	9° 7	5°51	20° 7	20°42	20°42	29°39								
M 6	14 52 49	14°45'39	20°41	18°35	0♁38	25°58	5°49	17°44	17°19	9°10	5°51	20° 7	20°38	20°48	29°41								
T 7	14 56 45	15°43'38	4♁47	19°34	1°44	25°39	6° 3	17°43	17°18	9°12	5°51	20° 7	20°35	20°55	29°42								
W 8	15 0 42	16°41'36	18°26	20°36	2°51	25°21	6°17	17°41	17°17	9°14	5°50	20° 8	20°32	21° 2	29°44								
T 9	15 4 38	17°39'32	1♁40	21°41	3°57	25° 2	6°32	17°40	17°16	9°16	5°50	20° 8	20°29	21° 8	29°45								
F 10	15 8 35	18°37'26	14°29	22°48	5° 4	24°45	6°46	17°39	17°16	9°19	5°50	20°R 8	20°26	21°15	29°47								
S 11	15 12 32	19°35'18	26°59	23°59	6°10	24°28	7° 0	17°38	17°15	9°21	5°50	20°D 8	20°23	21°22	29°48								
S 12	15 16 28	20°33'08	9♁12	25°12	7°17	24°12	7°14	17°37	17°14	9°23	5°49	20° 8	20°19	21°28	29°50								
M13	15 20 25	21°30'57	21°12	26°27	8°24	23°56	7°28	17°36	17°13	9°25	5°49	20° 8	20°16	21°35	29°51								
T 14	15 24 21	22°28'44	3♁ 5	27°46	9°31	23°42	7°42	17°35	17°13	9°28	5°49	20° 8	20°13	21°42	29°52								
W15	15 28 18	23°26'29	14°54	29° 6	10°38	23°28	7°56	17°35	17°12	9°30	5°49	20° 9	20°10	21°48	29°54								
T 16	15 32 14	24°24'13	26°43	0♁29	11°46	23°14	8°10	17°34	17°12	9°32	5°49	20° 9	20° 7	21°55	29°55								
F 17	15 36 11	25°21'55	8♁34	1°55	12°53	23° 2	8°25	17°34	17°11	9°34	5°49	20°10	20° 4	22° 2	29°56								
S 18	15 40 7	26°19'36	20°31	3°23	14° 1	22°50	8°39	17°33	17°11	9°36	5°D49	20°R10	20° 0	22° 8	29°57								
S 19	15 44 4	27°17'16	2♁34	4°53	15° 8	22°39	8°52	17°33	17°10	9°39	5°49	20° 9	19°57	22°15	29°58								
M20	15 48 1	28°14'54	14°47	6°26	16°16	22°28	9° 6	17°33	17°10	9°41	5°49	20° 9	19°54	22°22	29°59								
T 21	15 51 57	29°12'31	27°11	8° 1	17°24	22°19	9°20	17°D33	17°10	9°43	5°49	20° 8	19°51	22°28	29°59								
W22	15 55 54	0♁10'07	9♁47	9°38	18°32	22°10	9°34	17°33	17°10	9°45	5°49	20° 7	19°48	22°35	0♁ 1								
T 23	15 59 50	1° 7'42	22°38	11°17	19°40	22° 2	9°48	17°33	17° 9	9°47	5°49	20° 5	19°44	22°42	0° 1								
F 24	16 3 47	2° 5'16	5♁43	12°59	20°49	21°55	10° 2	17°33	17° 9	9°49	5°49	20° 4	19°41	22°48	0° 2								
S 25	16 7 43	3° 2'50	19° 5	14°43	21°57	21°49	10°16	17°34	17° 9	9°51	5°50	20° 3	19°38	22°55	0° 3								
S 26	16 11 40	4° 0'22	2♁45	16°30	23° 5	21°43	10°29	17°34	17°D 9	9°53	5°50	20°D 3	19°35	23° 2	0° 3								
M27	16 15 36	4°57'53	16°42	18°19	24°14	21°39	10°43	17°35	17° 9	9°56	5°50	20° 3	19°32	23° 8	0° 4								
T 28	16 19 33	5°55'24	0♁57	20°10	25°23	21°35	10°57	17°36	17° 9	9°58	5°50	20° 4	19°29	23°15	0° 4								
W29	16 23 30	6°52'54	15°27	22° 3	26°31	21°32	11°10	17°36	17° 9	10° 0	5°51	20° 5	19°25	23°22	0° 5								
T 30	16 27 26	7°50'23	0♁ 9	23°59	27°40	21°29	11°24	17°37	17°10	10° 2	5°51	20° 6	19°22	23°28	0° 5								
F 31	16 31 23	8♁47'51	14♁56	25♁56	28♁49	21♁28	11♁37	17♁38	17♁10	10♁ 4	5°51	20°R 7	19♁19	23♁35	0♁ 5								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	14n49	5n48	3n41	3n12	2s44	2s58	1s 8	9s41	1n 3	12n 9	0s59	6n58	2n22	5n43	0n48	12n52	1s44	22n 2	13n41	17s48	18s 1	10s21	5s59	6n 3
T 2	15 7 10	38 2 34	3 22	2 50	2 35	1 11	9 36	1 0	12 14	0 59	6 59	2 21	5 43	0 48	12 52	1 44	22 2	13 41	17 48	18 0	10 23	5 58	6 3	
F 3	15 25 14	50 1 16	3 35	2 55	2 12	1 15	9 31	0 57	12 19	0 59	6 59	2 21	5 43	0 48	12 53	1 44	22 2	13 40	17 48	17 59	10 25	5 58	6 3	
S 4	15 43 18	1 0s 7	3 50	2 59	1 49	1 18	9 26	0 55	12 24	0 59	7 0	2 21	5 44	0 47	12 54	1 44	22 2	13 40	17 48	17 58	10 27	5 57	6 4	
S 5	16 0 19	55 1 28	4 7	3 3	1 26	1 22	9 21	0 52	12 28	0 59	7 0	2 21	5 44	0 47	12 55	1 44	22 1	13 40	17 48	17 57	10 29	5 56	6 4	
M 6	16 17 20	27 2 42	4 26	3 6	1 3	1 25	9 17	0 49	12 33	0 59	7 1	2 21	5 45	0 47	12 55	1 44	22 1	13 39	17 48	17 56	10 31	5 55	6 4	
T 7	16 34 19	40 3 44	4 46	3 8	0 39	1 28	9 12	0 47	12 38	0 59	7 1	2 21	5 45	0 47	12 56	1 44	22 1	13 39	17 48	17 55	10 32	5 54	6 4	
W 8	16 51 17	44 4 31	5 8	3 9	0 15	1 31	9 8	0 44	12 43	0 59	7 2	2 20	5 45	0 47	12 57	1 44	22 1	13 39	17 48	17 55	10 34	5 53	6 5	
T 9	17 7 14	55 5 1	5 32	3 10	0n 8	1 34	9 4	0 41	12 47	0 59	7 2	2 20	5 46	0 47	12 57	1 44	22 1	13 38	17 48	17 54	10 36	5 52	6 5	
F 10	17 24 11	28 5 16	5 57	3 10	0 32	1 36	9 0	0 38	12 52	0 59	7 2	2 20	5 46	0 47	12 58	1 44	22 0	13 38	17 48	17 53	10 38	5 51	6 5	
S 11	17 39 7	35 5 16	6 23	3 9	0 56	1 39	8 57	0 36	12 57	0 59	7 3	2 20	5 46	0 47	12 59	1 44	22 0	13 38	17 48	17 52	10 40	5 51	6 6	
S 12	17 55 3	29 5 0	6 51	3 8	1 21	1 41	8 53	0 33	13 1	0 59	7 3	2 20	5 46	0 47	13 0	1 44	22 0	13 37	17 48	17 51	10 41	5 50	6 6	
M13	18 10 0s41	4 32	7 20	3 6	1 45	1 44	8 50	0 30	13 6	0 59	7 3	2 20	5 47	0 47	13 0	1 44	22 0	13 37	17 48	17 50	10 43	5 49	6 6	
T 14	18 25 4 47	3 53	7 50	3 3	2 9	1 46	8 47	0 28	13 10	0 59	7 3	2 19	5 47	0 47	13 1	1 44	22 0	13 37	17 48	17 50	10 45	5 48	6 7	
W15	18 40 8 42	3 4	8 22	3 0	2 34	1 48	8 44	0 25	13 15	0 59	7 3	2 19	5 47	0 47	13 2	1 44	21 59	13 36	17 48	17 49	10 47	5 48	6 7	
T 16	18 54 12 17	2 7	8 55	2 56	2 58	1 50	8 42	0 22	13 19	0 59	7 3	2 19	5 47	0 47	13 2	1 44	21 59	13 36	17 48	17 48	10 49	5 47	6 7	
F 17	19 8 15	23 1 4	9 28	2 52	3 23	1 52	8 39	0 20	13 24	0 59	7 3	2 19	5 47	0 47	13 3	1 44	21 59	13 36	17 49	17 47	10 50	5 46	6 8	
S 18	19 22 17	52 0n 2	10 3	2 47	3 47	1 54	8 38	0 17	13 28	0 59	7 3	2 19	5 47	0 47	13 4	1 44	21 58	13 35	17 49	17 46	10 52	5 45	6 8	
S 19	19 35 19	35 1 8	10 38	2 41	4 12	1 55	8 36	0 15	13 33	0 59	7 3	2 18	5 48	0 47	13 4	1 44	21 58	13 35	17 49	17 45	10 54	5 45	6 8	
M20	19 48 20	25 2 13	11 14	2 35	4 36	1 57	8 34	0 12	13 37	0 59	7 3	2 18	5 48	0 47	13 5	1 44	21 58	13 35	17 48	17 44	10 56	5 44	6 9	
T 21	20 1 20	15 3 11	11 51	2 29	5 1	1 59	8 33	0 9	13 42	0 59	7 3	2 18	5 48	0 47	13 6	1 44	21 57	13 34	17 48	17 44	10 57	5 44	6 9	
W22	20 13 19	6 4	2 12	29 2 22	5 26	2 0	8 32	0 7	13 46	0 59	7 2	2 18	5 48	0 47	13 6	1 44	21 57	13 34	17 48	17 43	10 59	5 43	6 9	
T 23	20 25 16	57 4 41	13 7	2 14	5 50	2 1	8 32	0 4	13 51	0 59	7 2	2 18	5 48	0 47	13 7	1 44	21 57	13 34	17 47	17 42	11 1	5 42	6 10	
F 24	20 37 13	54 5 7	13 45	2 6	6 15	2 2	8 31	0 2	13 55	0 59	7 2	2 17	5 48	0 47	13 8	1 44	21 56	13 33	17 47	17 41	11 3	5 42	6 10	
S 25	20 48 10	6 5 17	14 24	1 58	6 39	2 3	8 31	0s 0	13 59	0 59	7 2	2 17	5 48	0 47	13 8	1 44	21 56	13 33	17 47	17 40	11 4	5 41	6 10	
S 26	20 59 5 42	5 9	15 3	1 49	7 4	2 4	8 31	0 3	14 3	0 59	7 1	2 17	5 48	0 47	13 9	1 45	21 55	13 33	17 47	17 39	11 6	5 41	6 11	
M27	21 9 0	54 4 43	15 43	1 40	7 28	2 5	8 32	0 5	14 8	0 59	7 1	2 17	5 48	0 47	13 10	1 45	21 55	13 32	17 47	17 38	11 8	5 40	6 11	
T 28	21 20 4n 3	4 0	16 22	1 30	7 53	2 6	8 32	0 8	14 12	0 59	7 0	2 17	5 48	0 46	13 10	1 45	21 54	13 32	17 47	17 38	11 10	5 40	6 11	
W29	21 29 8	52 3 0	17 1																					

SWISS EPHEMERIS for the year 1715

JUNE 1715

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Day	Sid.t	☉	☽	♀	♁	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	16 35 19	9II45'19	29B44	27B56	29Y58	21°D27	11B51	17B39	17B10	10B 6	5B52	20°R 7	19M16	23B42	0B 5	
S 2	16 39 16	10°42'45	14II24	29°58	1B 7	21B27	12° 4	17°41	17°11	10° 8	5°52	20M 5	19°13	23°48	0° 6	
M 3	16 43 12	11°40'11	28°49	2II 1	2°16	21°28	12°18	17°42	17°11	10°10	5°53	20° 3	19°10	23°55	0° 6	
T 4	16 47 9	12°37'36	12B55	4° 7	3°25	21°30	12°31	17°43	17°11	10°12	5°53	20° 0	19° 6	24° 1	0°R 6	
W 5	16 51 5	13°35'00	26°37	6°14	4°34	21°33	12°44	17°45	17°12	10°14	5°54	19°57	19° 3	24° 8	0° 6	
T 6	16 55 2	14°32'23	9B55	8°22	5°44	21°36	12°57	17°47	17°13	10°16	5°54	19°54	19° 0	24°15	0° 6	
F 7	16 58 59	15°29'44	22°48	10°32	6°53	21°40	13°11	17°48	17°13	10°18	5°55	19°51	18°57	24°21	0° 5	
S 8	17 2 55	16°27'05	5B20	12°43	8° 3	21°45	13°24	17°50	17°14	10°20	5°56	19°50	18°54	24°28	0° 5	
S 9	17 6 52	17°24'25	17°35	14°54	9°12	21°51	13°37	17°52	17°15	10°21	5°56	19°D49	18°50	24°35	0° 5	
M10	17 10 48	18°21'43	29°36	17° 6	10°22	21°57	13°50	17°54	17°15	10°23	5°57	19°50	18°47	24°41	0° 5	
T 11	17 14 45	19°19'01	11B28	19°18	11°31	22° 4	14° 3	17°56	17°16	10°25	5°58	19°51	18°44	24°48	0° 4	
W12	17 18 41	20°16'18	23°17	21°29	12°41	22°12	14°16	17°58	17°17	10°27	5°58	19°53	18°41	24°55	0° 4	
T 13	17 22 38	21°13'34	5M 7	23°41	13°51	22°20	14°28	18° 1	17°18	10°29	5°59	19°54	18°38	25° 1	0° 3	
F 14	17 26 34	22°10'50	17° 1	25°52	15° 1	22°29	14°41	18° 3	17°19	10°31	6° 0	19°R55	18°35	25° 8	0° 3	
S 15	17 30 31	23° 8'04	29° 5	28° 2	16°11	22°39	14°54	18° 6	17°20	10°32	6° 1	19°55	18°31	25°15	0° 2	
S 16	17 34 28	24° 5'18	11A20	0B11	17°21	22°50	15° 7	18° 8	17°21	10°34	6° 2	19°53	18°28	25°21	0° 1	
M17	17 38 24	25° 2'32	23°48	2°18	18°31	23° 1	15°19	18°11	17°22	10°36	6° 3	19°49	18°25	25°28	0° 1	
T 18	17 42 21	25°59'45	6B30	4°24	19°41	23°13	15°32	18°14	17°24	10°38	6° 4	19°44	18°22	25°35	29°59	
W19	17 46 17	26°56'58	19°27	6°29	20°51	23°25	15°44	18°16	17°25	10°39	6° 5	19°39	18°19	25°41	29°59	
T 20	17 50 14	27°54'10	2B37	8°32	22° 1	23°38	15°56	18°19	17°26	10°41	6° 5	19°32	18°16	25°48	29°58	
F 21	17 54 10	28°51'23	16° 2	10°33	23°12	23°52	16° 9	18°22	17°27	10°43	6° 6	19°27	18°12	25°55	29°57	
S 22	17 58 7	29°48'35	29°38	12°32	24°22	24° 6	16°21	18°26	17°29	10°44	6° 8	19°22	18° 9	26° 1	29°56	
S 23	18 2 3	0B45'47	13B25	14°29	25°33	24°21	16°33	18°29	17°30	10°46	6° 9	19°19	18° 6	26° 8	29°55	
M24	18 6 0	1°42'59	27°23	16°24	26°43	24°36	16°45	18°32	17°32	10°48	6°10	19°D18	18° 3	26°15	29°54	
T 25	18 9 57	2°40'11	11Y29	18°17	27°54	24°52	16°57	18°35	17°33	10°49	6°11	19°18	18° 0	26°21	29°52	
W26	18 13 53	3°37'23	25°44	20° 7	29° 4	25° 9	17° 9	18°39	17°35	10°51	6°12	19°19	17°56	26°28	29°51	
T 27	18 17 50	4°34'36	10B 4	21°56	0II15	25°26	17°21	18°43	17°37	10°52	6°13	19°20	17°53	26°35	29°50	
F 28	18 21 46	5°31'49	24°27	23°43	1°26	25°43	17°33	18°46	17°38	10°54	6°14	19°R20	17°50	26°41	29°49	
S 29	18 25 43	6°29'01	8II50	25°27	2°36	26° 1	17°44	18°50	17°40	10°55	6°15	19°19	17°47	26°48	29°47	
S 30	18 29 39	7B26'14	23II 9	27B10	3II47	26B20	17B56	18B54	17B42	10B57	6B17	19M15	17M44	26B55	29B46	

Day	☉		☽		♀		♁		♂		♂		♂		♂		♂		♂						
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
S 1	21n57	19n16	0s53	18n56	0s49	9n29	2s 8	8s38	0s17	14n29	0s59	6n58	2n16	5n47	0n46	13n13	1s45	21n53	13n30	17s48	17s34	11s17	5s38	6n13	
S 2	22 5 20	24 2 10	19 33	0 38	9 53	2 8	8 40	0 19	14 33	0 59	6 57	2 16	5 47	0 46	13 13	1 45	21 52	13 30	17 47	17 33	11 18	5 38	6 13		
M 3	22 13 20	11 3 18	20 11	3 18	20 9	0 27	10 16	2 8	8 42	0 21	14 37	0 59	6 57	2 16	5 47	0 46	13 14	1 45	21 52	13 30	17 47	17 32	11 20	5 37	6 13
T 4	22 21 18	14 4 11	20 44	4 16	10 40	2 8	8 45	0 23	14 41	0 59	6 56	2 15	5 47	0 46	13 14	1 45	21 51	13 29	17 46	17 31	11 22	5 37	6 14		
W 5	22 28 16	8 4 49	21 17	0 5	11 3	2 8	8 48	0 25	14 45	0 59	6 55	2 15	5 46	0 46	13 15	1 45	21 51	13 29	17 45	17 31	11 24	5 37	6 14		
T 6	22 35 12	49 5 10	21 49	0n 5	11 26	2 8	8 51	0 27	14 49	0 59	6 54	2 15	5 46	0 46	13 16	1 45	21 50	13 29	17 44	17 30	11 25	5 37	6 14		
F 7	22 41 8	59 5 14	22 19	0 16	11 49	2 8	8 54	0 29	14 53	0 59	6 54	2 15	5 46	0 46	13 16	1 45	21 50	13 28	17 44	17 29	11 27	5 36	6 15		
S 8	22 47 4	52 5 3	22 47	0 26	12 12	2 7	8 58	0 31	14 57	0 59	6 53	2 15	5 45	0 46	13 17	1 45	21 49	13 28	17 43	17 28	11 29	5 36	6 15		
S 9	22 53 0	38 4 39	23 13	0 36	12 35	2 7	9 2	0 33	15 0	0 59	6 52	2 14	5 45	0 46	13 17	1 45	21 48	13 28	17 43	17 27	11 30	5 36	6 15		
M10	22 58 3	3s32	4 2	23 37	0 46	12 57	2 6	9 6	0 35	15 4	0 59	6 51	2 14	5 45	0 46	13 18	1 45	21 48	13 27	17 43	17 26	11 32	5 36	6 16	
T 11	23 3 7	32 3 16	23 57	0 55	13 19	2 6	9 10	0 37	15 8	0 59	6 50	2 14	5 44	0 46	13 18	1 45	21 47	13 27	17 44	17 25	11 34	5 35	6 16		
W12	23 7 11	14 2 21	24 16	1 4	13 41	2 5	9 15	0 39	15 12	0 59	6 49	2 14	5 44	0 46	13 19	1 45	21 47	13 27	17 44	17 24	11 36	5 35	6 16		
T 13	23 11 14	30 1 20	24 31	1 12	14 3	2 4	9 20	0 40	15 16	0 59	6 48	2 14	5 44	0 46	13 19	1 45	21 46	13 26	17 44	17 24	11 37	5 35	6 17		
F 14	23 15 17	12 0 16	24 44	1 20	14 24	2 3	9 25	0 42	15 19	0 59	6 47	2 13	5 43	0 46	13 20	1 45	21 45	13 26	17 45	17 23	11 39	5 35	6 17		
S 15	23 18 19	10 0n50	24 54	1 26	14 45	2 2	9 30	0 44	15 23	0 59	6 45	2 13	5 43	0 46	13 20	1 45	21 45	13 26	17 45	17 22	11 41	5 35	6 17		
S 16	23 21 20	17 1 54	25 1	1 33	15 6	2 1	9 36	0 45	15 27	0 59	6 44	2 13	5 42	0 46	13 21	1 45	21 44	13 25	17 44	17 21	11 42	5 35	6 18		
M17	23 23 20	26 2 54	25 5	1 38	15 26	2 0	9 41	0 47	15 30	0 59	6 43	2 13	5 42	0 46	13 21	1 45	21 44	13 25	17 43	17 20	11 44	5 35	6 18		
T 18	23 25 19	32 3 47	25 7	1 43	15 46	1 59	9 47	0 49	15 34	1 0	6 42	2 13	5 41	0 46	13 22	1 45	21 43	13 25	17 42	17 19	11 46	5 35	6 18		
W19	23 26 17	38 4 29	25 6	1 47	16 6	1 58	9 53	0 50	15 37	1 0	6 40	2 12	5 41	0 46	13 22	1 45	21 42	13 24	17 40	17 18	11 47	5 35	6 19		
T 20	23 27 14	47 4 57	25 2	1 50	16 25	1 56	10 0	0 52	15 41	1 0	6 39	2 12	5 40	0 45	13 23	1 45	21 42	13 24	17 39	17 17	11 49	5 35	6 19		
F 21	23 28 11	7 5 10	24 56	1 53	16 45	1 55	10 6	0 53	15 44	1 0	6 38	2 12	5 40	0 45	13 23	1 45	21 41	13 24	17 37	17 17	11 51	5 35	6 19		
S 22	23 28 6	51 5 5	24 47	1 55	17 3	1 54	10 13	0 55	15 48	1 0	6 36	2 12	5 39	0 45	13 24	1 45	21 40	13 24	17 36	17 16	11 52	5 35	6 19		
S 23	23 28 2	10 4 43	24 36	1 56	17 22	1 52	10 20	0 56	15 51	1 0	6 35	2 12	5 38	0 45	13 24	1 45	21 40	13 23	17 35	17 15	11 54				

SWISS EPHEMERIS for the year 1715

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	18 33 36	8 ^h 23'27"	7 ^h 51'17"	28 ^h 50'	4 ^h 11'58"	26 ^h 39'	18 ^h 8'	18 ^h 58'	17 ^h 44'	10 ^h 58'	6 ^h 18'	19 ^h R 9'	17 ^h 11'41"	27 ^h 51'	29 ^h R44'
T 2	18 37 32	9 ^h 20'41"	21 ^h 10'	0 ^h 12'28"	6 ^h 9'	26 ^h 59'	18 ^h 19'	19 ^h 2'	17 ^h 45'	10 ^h 59'	6 ^h 19'	19 ^h L 2'	17 ^h 37'	27 ^h 8'	29 ^h ≈43'
W 3	18 41 29	10 ^h 17'53"	4 ^h 04'44"	2 ^h 4'	7 ^h 20'	27 ^h 19'	18 ^h 30'	19 ^h 6'	17 ^h 47'	11 ^h 1'	6 ^h 20'	18 ^h 53'	17 ^h 34'	27 ^h 15'	29 ^h 41'
T 4	18 45 26	11 ^h 15'06"	17 ^h 58'	3 ^h 38'	8 ^h 31'	27 ^h 39'	18 ^h 42'	19 ^h 10'	17 ^h 49'	11 ^h 2'	6 ^h 22'	18 ^h 45'	17 ^h 31'	27 ^h 21'	29 ^h 39'
F 5	18 49 22	12 ^h 12'19"	0 ^h 17'50"	5 ^h 10'	9 ^h 42'	28 ^h 1'	18 ^h 53'	19 ^h 14'	17 ^h 51'	11 ^h 3'	6 ^h 23'	18 ^h 37'	17 ^h 28'	27 ^h 28'	29 ^h 37'
S 6	18 53 19	13 ^h 9'32"	13 ^h 22'	6 ^h 39'	10 ^h 53'	28 ^h 22'	19 ^h 4'	19 ^h 19'	17 ^h 53'	11 ^h 5'	6 ^h 25'	18 ^h 32'	17 ^h 25'	27 ^h 35'	29 ^h 36'
S 7	18 57 15	14 ^h 6'44"	25 ^h 36'	8 ^h 7'	12 ^h 5'	28 ^h 44'	19 ^h 15'	19 ^h 23'	17 ^h 56'	11 ^h 6'	6 ^h 26'	18 ^h 28'	17 ^h 22'	27 ^h 41'	29 ^h 34'
M 8	19 1 12	15 ^h 3'57"	7 ^h 13'37"	9 ^h 32'	13 ^h 16'	29 ^h 7'	19 ^h 26'	19 ^h 27'	17 ^h 58'	11 ^h 7'	6 ^h 27'	18 ^h 26'	17 ^h 18'	27 ^h 48'	29 ^h 32'
T 9	19 5 8	16 ^h 1'09"	19 ^h 30'	10 ^h 55'	14 ^h 27'	29 ^h 30'	19 ^h 36'	19 ^h 32'	18 ^h 0'	11 ^h 8'	6 ^h 29'	18 ^h D25'	17 ^h 15'	27 ^h 54'	29 ^h 30'
W10	19 9 5	16 ^h 58'22"	1 ^h 11'19"	12 ^h 15'	15 ^h 39'	29 ^h 53'	19 ^h 47'	19 ^h 37'	18 ^h 2'	11 ^h 9'	6 ^h 30'	18 ^h 26'	17 ^h 12'	28 ^h 1'	29 ^h 28'
T 11	19 13 1	17 ^h 55'34"	13 ^h 10'	13 ^h 33'	16 ^h 50'	0 ^h 11'17"	19 ^h 58'	19 ^h 41'	18 ^h 4'	11 ^h 11'	6 ^h 32'	18 ^h R27'	17 ^h 9'	28 ^h 8'	29 ^h 26'
F 12	19 16 58	18 ^h 52'47"	25 ^h 8'	14 ^h 49'	18 ^h 1'	0 ^h 41'	20 ^h 8'	19 ^h 46'	18 ^h 7'	11 ^h 12'	6 ^h 33'	18 ^h 27'	17 ^h 6'	28 ^h 14'	29 ^h 24'
S 13	19 20 55	19 ^h 50'00"	7 ^h 17'17"	16 ^h 3'	19 ^h 13'	1 ^h 5'	20 ^h 18'	19 ^h 51'	18 ^h 9'	11 ^h 13'	6 ^h 35'	18 ^h 25'	17 ^h 2'	28 ^h 21'	29 ^h 22'
S 14	19 24 51	20 ^h 47'13"	19 ^h 42'	17 ^h 14'	20 ^h 24'	1 ^h 30'	20 ^h 29'	19 ^h 56'	18 ^h 12'	11 ^h 14'	6 ^h 36'	18 ^h 21'	16 ^h 59'	28 ^h 28'	29 ^h 20'
M15	19 28 48	21 ^h 44'26"	2 ^h 32'24"	18 ^h 22'	21 ^h 36'	1 ^h 56'	20 ^h 39'	20 ^h 1'	18 ^h 14'	11 ^h 15'	6 ^h 38'	18 ^h 15'	16 ^h 56'	28 ^h 34'	29 ^h 18'
T 16	19 32 44	22 ^h 41'40"	15 ^h 24'	19 ^h 28'	22 ^h 48'	2 ^h 21'	20 ^h 49'	20 ^h 6'	18 ^h 16'	11 ^h 16'	6 ^h 40'	18 ^h 6'	16 ^h 53'	28 ^h 41'	29 ^h 15'
W17	19 36 41	23 ^h 38'54"	28 ^h 43'	20 ^h 31'	23 ^h 59'	2 ^h 48'	20 ^h 59'	20 ^h 11'	18 ^h 19'	11 ^h 17'	6 ^h 41'	17 ^h 56'	16 ^h 50'	28 ^h 48'	29 ^h 13'
T 18	19 40 37	24 ^h 36'09"	12 ^h ≈19"	21 ^h 31'	25 ^h 11'	3 ^h 14'	21 ^h 9'	20 ^h 16'	18 ^h 22'	11 ^h 18'	6 ^h 43'	17 ^h 45'	16 ^h 47'	28 ^h 54'	29 ^h 11'
F 19	19 44 34	25 ^h 33'24"	26 ^h 8'	22 ^h 28'	26 ^h 23'	3 ^h 41'	21 ^h 18'	20 ^h 21'	18 ^h 24'	11 ^h 19'	6 ^h 44'	17 ^h 35'	16 ^h 43'	29 ^h 1'	29 ^h 8'
S 20	19 48 30	26 ^h 30'40"	10 ^h ≈6"	23 ^h 22'	27 ^h 35'	4 ^h 8'	21 ^h 28'	20 ^h 27'	18 ^h 27'	11 ^h 20'	6 ^h 46'	17 ^h 27'	16 ^h 40'	29 ^h 8'	29 ^h 6'
S 21	19 52 27	27 ^h 27'57"	24 ^h 11'	24 ^h 13'	28 ^h 47'	4 ^h 35'	21 ^h 37'	20 ^h 32'	18 ^h 29'	11 ^h 20'	6 ^h 48'	17 ^h 21'	16 ^h 37'	29 ^h 14'	29 ^h 4'
M22	19 56 24	28 ^h 25'15"	8 ^h 19'19"	25 ^h 1'	29 ^h 59'	5 ^h 3'	21 ^h 47'	20 ^h 38'	18 ^h 32'	11 ^h 21'	6 ^h 50'	17 ^h 17'	16 ^h 34'	29 ^h 21'	29 ^h 1'
T 23	20 0 20	29 ^h 22'34"	22 ^h 28'	25 ^h 45'	1 ^h 51'	5 ^h 31'	21 ^h 56'	20 ^h 43'	18 ^h 35'	11 ^h 22'	6 ^h 51'	17 ^h 16'	16 ^h 31'	29 ^h 28'	28 ^h 59'
W24	20 4 17	0 ^h 19'53"	6 ^h 8'36"	26 ^h 26'	2 ^h 23'	6 ^h 0'	22 ^h 5'	20 ^h 49'	18 ^h 38'	11 ^h 23'	6 ^h 53'	17 ^h D15'	16 ^h 27'	29 ^h 34'	28 ^h 56'
T 25	20 8 13	1 ^h 17'14"	20 ^h 43'	27 ^h 3'	3 ^h 35'	6 ^h 29'	22 ^h 14"	20 ^h 54"	18 ^h 40"	11 ^h 23"	6 ^h 55"	17 ^h R16"	16 ^h 24"	29 ^h 41"	28 ^h 54"
F 26	20 12 10	2 ^h 14'36"	4 ^h 11'46"	27 ^h 35'	4 ^h 47'	6 ^h 58'	22 ^h 23"	21 ^h 0"	18 ^h 43"	11 ^h 24"	6 ^h 57"	17 ^h 15"	16 ^h 21"	29 ^h 48"	28 ^h 51"
S 27	20 16 6	3 ^h 11'59"	18 ^h 45'	28 ^h 4'	5 ^h 59'	7 ^h 27'	22 ^h 32"	21 ^h 6"	18 ^h 46"	11 ^h 25"	6 ^h 58"	17 ^h 12"	16 ^h 18"	29 ^h 54"	28 ^h 48"
S 28	20 20 3	4 ^h 9'23"	2 ^h 38'28"	28 ^h 29'	7 ^h 12'	7 ^h 57'	22 ^h 40"	21 ^h 12"	18 ^h 49"	11 ^h 25"	7 ^h 0"	17 ^h 6"	16 ^h 15"	0 ^h L 1"	28 ^h 46"
M29	20 23 59	5 ^h 6'48"	16 ^h 22'	28 ^h 48'	8 ^h 24'	8 ^h 27'	22 ^h 49"	21 ^h 17"	18 ^h 52"	11 ^h 26"	7 ^h 2"	16 ^h 57"	16 ^h 12"	0 ^h 8"	28 ^h 43"
T 30	20 27 56	6 ^h 4'14"	29 ^h 54"	29 ^h 4'	9 ^h 36'	8 ^h 57'	22 ^h 57"	21 ^h 23"	18 ^h 55"	11 ^h 27"	7 ^h 4"	16 ^h 46"	16 ^h 8"	0 ^h 14"	28 ^h 40"
W31	20 31 53	7 ^h 11'41"	13 ^h 12'12"	29 ^h 14'	10 ^h ≈49"	9 ^h 11'28"	23 ^h 5"	21 ^h 29"	18 ^h 58"	11 ^h 27"	7 ^h 6"	16 ^h 11'34"	16 ^h 5"	0 ^h L21"	28 ^h ≈37"

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
M 1	23n12	19n28	3s49	22n 3	1n40	19n34	1s37	11s20	1s 7	16n17	1s 0	6n22	2n10	5n33	0n45	13n28	1s46	21n34	13n21	17s32	17s 8	12s 7	5s37	6n22
T 2	23 9 17 20	4 32 21 38	1 35 19 48	1 35 11 29	1 9 16 20	1 0 6 21	2 10 5 32	0 45 13 28	1 46 21 33	13 21 17 30	17 7 12 9	5 37 6 22												
W 3	23 4 14 17	4 58 21 11	1 30 20 2	1 33 11 37	1 10 16 23	1 0 6 19	2 10 5 31	0 45 13 28	1 46 21 32	13 20 17 28	17 6 12 11	5 37 6 23												
T 4	23 0 10 36	5 7 20 44	1 24 20 15	1 31 11 46	1 11 16 26	1 1 6 17	2 10 5 31	0 45 13 29	1 46 21 32	13 20 17 26	17 5 12 12	5 38 6 23												
F 5	22 55 6 31	5 0 20 16	1 18 20 28	1 29 11 54	1 12 16 29	1 1 6 15	2 10 5 30	0 45 13 29	1 46 21 31	13 20 17 24	17 4 12 14	5 38 6 23												
S 6	22 49 2 15	4 39 19 47	1 11 20 41	1 27 12 3	1 13 16 32	1 1 6 13	2 10 5 29	0 45 13 30	1 46 21 30	13 20 17 22	17 3 12 16	5 38 6 23												
S 7	22 44 2s 0	4 5 19 17	1 4 20 53	1 24 12 12	1 14 16 35	1 1 6 12	2 9 5 28	0 45 13 30	1 46 21 29	13 19 17 21	17 2 12 17	5 39 6 24												
M 8	22 37 6 6	3 21 18 47	0 56 21 4	1 22 12 21	1 16 16 38	1 1 6 10	2 9 5 27	0 45 13 30	1 46 21 29	13 19 17 20	17 1 12 19	5 39 6 24												
T 9	22 31 9 56	2 29 18 17	0 47 21 15	1 20 12 30	1 17 16 41	1 1 6 8	2 9 5 26	0 45 13 31	1 46 21 28	13 19 17 20	17 1 12 20	5 40 6 24												
W10	22 24 13 22	1 31 17 46	0 39 21 25	1 17 12 39	1 18 16 44	1 1 6 6	2 9 5 25	0 45 13 31	1 46 21 27	13 19 17 20	17 0 12 22	5 40 6 24												
T 11	22 16 16 16	0 28 17 15	0 30 21 35	1 15 12 49	1 19 16 47	1 1 6 4	2 9 5 24	0 45 13 31	1 46 21 26	13 18 17 21	16 59 12 24	5 41 6 25												
F 12	22 9 18 30	0n36 16 44	0 20 21 44	1 12 12 58	1 20 16 49	1 1 6 2	2 9 5 23	0 45 13 31	1 46 21 25	13 18 17 21	16 58 12 25	5 41 6 25												
S 13	22 0 19 56	1 39 16 13	0 10 21 53	1 10 13 8	1 21 16 52	1 1 6 0	2 8 5 23	0 45 13 32	1 46 21 25	13 18 17 20	16 57 12 27	5 42 6 25												
S 14	21 52 20 26	2 39 15 42	0s 0 22 1	1 7 13 17	1 22 16 55	1 1 5 58	2 8 5 22	0 45 13 32	1 47 21 24	13 18 17 19	16 56 12 28	5 42 6 25												
M15	21 43 19 55	3 32 15 11	0 11 22 8	1 4 13 27	1 23 16 57	1 1 5 56	2 8 5 21	0 45 13 32	1 47 21 23	13 17 17 17	16 55 12 30	5 43 6 25												
T 16	21 34 18 21	4 16 14 40	0 22 22 15	1 2 13 37	1 23 17 0	1 2 5 53	2 8 5 20	0 44 13 32	1 47 21 22	13 17 17 15	16 54 12 32	5 43 6 26												
W17	21 24 15 46	4 46 14 9	0 33 22 21	0 59 13 47	1 24 17 2	1 2 5 51	2 8 5 19	0 44 13 33	1 47 21 21	13 17 17 12	16 53 12 33	5 44 6 26												
T 18	21 14 12 18	5 2 13 39	0 44 22 27	0 56 13 57	1 25 17 5	1 2 5 49	2 8 5 17	0 44 13 33	1 47 21 21	13 17 17 9	16 52 12 35	5 44 6 26												
F 19	21 4 8 8	5 0 13 9	0 56 22 32	0 54 14 7	1 26 17 7	1 2 5 47	2 8 5 16	0 44 13 33	1 47 21 20	13 17 17 6	16 52 12 36	5 45 6 26												
S 20	20 53 3 28	4 40 12 40	1 8 22 36	0 51 14 17	1 27 17 10	1 2 5 45	2 8 5 15	0 44 13 33	1 47 21 19	13 16 17 4	16 51 12 38	5 46 6 26												
S 21	20 42 1n24	4 3 12 12	1 21 22 40	0 48 14 27	1 28 17 12	1 2 5 42	2 7 5 14	0 44 13 34	1 47 21 18	1														

SWISS EPHEMERIS for the year 1715

AUGUST 1715

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Day	Sid.t	☉	☽	♀	♂	♄	♃	♁	♂	♅	♆	♁	♂	♅	♆
T 1	20 35 49	7♎59°09	26♏13	29♏19	12♏ 1	9♎59	23♏13	21♎35	19♎ 1	11♏28	7♎ 7	16♎R22	16♎ 2	0♎27	28♎R35
F 2	20 39 46	8°56'38	8♎56	29♎R20	13°14	10°30	23°21	21°41	19° 4	11°28	7° 9	16♎10	15°59	0°34	28♎R32
S 3	20 43 42	9°54'08	21°23	29°14	14°26	11° 2	23°29	21°48	19° 7	11°28	7°11	16° 1	15°56	0°41	28°29
S 4	20 47 39	10°51'38	3♎34	29° 4	15°39	11°33	23°37	21°54	19°10	11°29	7°13	15°54	15°53	0°47	28°26
M 5	20 51 35	11°49'09	15°33	28°48	16°51	12° 5	23°44	22° 0	19°14	11°29	7°15	15°50	15°49	0°54	28°23
T 6	20 55 32	12°46'41	27°24	28°27	18° 4	12°38	23°52	22° 6	19°17	11°29	7°17	15°47	15°46	1° 1	28°20
W 7	20 59 28	13°44'14	9♎12	28° 1	19°17	13°10	23°59	22°13	19°20	11°30	7°19	15°47	15°43	1° 7	28°18
T 8	21 3 25	14°41'48	21° 3	27°30	20°30	13°43	24° 6	22°19	19°23	11°30	7°21	15°47	15°40	1°14	28°15
F 9	21 7 22	15°39'23	3♎ 2	26°54	21°42	14°16	24°13	22°26	19°27	11°30	7°23	15°46	15°37	1°21	28°12
S 10	21 11 18	16°36'59	15°13	26°13	22°55	14°49	24°20	22°32	19°30	11°30	7°25	15°44	15°33	1°27	28° 9
S 11	21 15 15	17°34'36	27°43	25°29	24° 8	15°23	24°26	22°39	19°33	11°31	7°27	15°40	15°30	1°34	28° 6
M12	21 19 11	18°32'14	10♎34	24°42	25°21	15°57	24°33	22°45	19°37	11°31	7°29	15°33	15°27	1°41	28° 3
T13	21 23 8	19°29'53	23°48	23°53	26°34	16°31	24°39	22°52	19°40	11°31	7°31	15°23	15°24	1°47	28° 0
W14	21 27 4	20°27'33	7♎25	23° 2	27°47	17° 5	24°45	22°58	19°43	11°31	7°33	15°12	15°21	1°54	27°57
T15	21 31 1	21°25'14	21°22	22°10	29° 0	17°39	24°51	23° 5	19°47	11°R31	7°35	15° 0	15°18	2° 1	27°54
F16	21 34 57	22°22'57	5♎37	21°19	0♎14	18°14	24°57	23°12	19°50	11°31	7°37	14°49	15°14	2° 7	27°51
S17	21 38 54	23°20'41	20° 1	20°30	1°27	18°49	25° 2	23°19	19°54	11°31	7°39	14°39	15°11	2°14	27°48
S18	21 42 51	24°18'26	4♎31	19°43	2°40	19°24	25° 8	23°25	19°57	11°31	7°41	14°32	15° 8	2°20	27°45
M19	21 46 47	25°16'14	18°58	18°59	3°53	19°59	25°13	23°32	20° 1	11°31	7°43	14°28	15° 5	2°27	27°42
T20	21 50 44	26°14'03	3♎20	18°20	5° 7	20°35	25°18	23°39	20° 4	11°31	7°45	14°26	15° 2	2°34	27°39
W21	21 54 40	27°11'53	17°34	17°46	6°20	21°11	25°23	23°46	20° 8	11°30	7°47	14°D26	14°59	2°40	27°36
T22	21 58 37	28° 9'46	1♎37	17°18	7°33	21°46	25°28	23°53	20°11	11°30	7°49	14°R26	14°55	2°47	27°33
F23	22 2 33	29° 7'41	15°30	16°57	8°47	22°23	25°33	24° 0	20°15	11°30	7°51	14°25	14°52	2°54	27°30
S24	22 6 30	0♎ 5'37	29°12	16°44	10° 4	22°59	25°37	24° 7	20°18	11°30	7°53	14°22	14°49	3° 0	27°27
S25	22 10 26	1° 3'35	12♎43	16°D38	11°14	23°35	25°42	24°14	20°22	11°29	7°55	14°17	14°46	3° 7	27°24
M26	22 14 23	2° 1'35	26° 4	16°41	12°28	24°12	25°46	24°21	20°26	11°29	7°58	14° 9	14°43	3°14	27°21
T27	22 18 20	2°59'37	9♎13	16°51	13°41	24°49	25°50	24°28	20°29	11°29	8° 0	13°58	14°39	3°20	27°18
W28	22 22 16	3°57'40	22° 9	17°10	14°55	25°26	25°53	24°35	20°33	11°28	8° 2	13°47	14°36	3°27	27°15
T29	22 26 13	4°55'46	4♎53	17°37	16° 9	26° 3	25°57	24°42	20°37	11°28	8° 4	13°35	14°33	3°34	27°12
F30	22 30 9	5°53'52	17°22	18°13	17°22	26°41	26° 0	24°50	20°40	11°27	8° 6	13°23	14°30	3°40	27° 9
S31	22 34 6	6♎52'01	29♎39	18♎56	18♎36	27♎18	26♎ 3	24♎57	20♎44	11♎27	8♎ 8	13♎14	14♎27	3♎47	27♎ 6

Day	☉	☽	♀	♂	♄	♃	♁	♂	♅	♆	♁	♂	♅	♆										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	18n18	8n 9	4s57	8n19	3s38	22n38	0s17	16s21	1s36	17n35	1s 3	5n16	2n 6	5n 2	0n44	13n35	1s48	21n 9	13n14	16s45	16s40	12s57	5s55	6n28
F 2	18 3	3 56	4 38	8 9	3 49	22 34	0 15	16 31	1 36	17 37	1 3	5 14	2 6	5 0	0 44	13 35	1 48	21 8	13 14	16 42	16 39	12 58	5 56	6 28
S 3	17 48	0s21	4 6	8 0	4 0	22 30	0 12	16 42	1 37	17 39	1 3	5 11	2 6	4 59	0 44	13 35	1 48	21 7	13 14	16 39	16 38	13 0	5 57	6 28
S 4	17 32	4 32	3 24	7 55	4 10	22 24	0 9	16 52	1 38	17 41	1 4	5 9	2 6	4 58	0 44	13 35	1 48	21 6	13 14	16 37	16 37	13 1	5 58	6 28
M 5	17 16	8 29	2 33	7 52	4 19	22 18	0 6	17 3	1 38	17 42	1 4	5 6	2 6	4 57	0 44	13 35	1 48	21 6	13 14	16 36	16 36	13 3	5 58	6 28
T 6	17 0	12 3	3 36	7 51	4 27	22 12	0 4	17 13	1 39	17 44	1 4	5 4	2 6	4 55	0 44	13 35	1 48	21 5	13 14	16 35	16 35	13 4	5 59	6 28
W 7	16 44	15 8	0 35	7 54	4 34	22 4	0 1	17 24	1 39	17 46	1 4	5 1	2 6	4 54	0 44	13 36	1 48	21 4	13 14	16 35	16 34	13 6	6 0	6 28
T 8	16 27	17 36	0n28	7 59	4 39	21 56	0n 2	17 34	1 40	17 47	1 4	4 58	2 5	4 53	0 44	13 36	1 48	21 3	13 14	16 35	16 33	13 7	6 1	6 28
F 9	16 10	19 19	1 30	8 7	4 44	21 48	0 5	17 44	1 40	17 49	1 4	4 56	2 5	4 51	0 44	13 36	1 48	21 2	13 14	16 35	16 32	13 9	6 2	6 28
S 10	15 53	20 11	2 29	8 18	4 47	21 39	0 7	17 55	1 41	17 51	1 4	4 53	2 5	4 50	0 44	13 36	1 48	21 1	13 13	16 34	16 31	13 11	6 3	6 29
S 11	15 35	20 5	3 23	8 31	4 48	21 29	0 10	18 5	1 41	17 52	1 4	4 50	2 5	4 49	0 44	13 36	1 48	21 1	13 13	16 33	16 30	13 12	6 4	6 29
M12	15 18	18 57	4 7	8 48	4 47	21 18	0 13	18 16	1 42	17 53	1 4	4 48	2 5	4 47	0 44	13 36	1 48	21 0	13 13	16 31	16 30	13 14	6 5	6 29
T13	15 0	16 47	4 40	9 6	4 44	21 7	0 15	18 26	1 42	17 55	1 5	4 45	2 5	4 46	0 44	13 35	1 48	20 59	13 13	16 28	16 29	13 15	6 6	6 29
W14	14 41	13 38	4 58	9 27	4 40	20 56	0 18	18 36	1 43	17 56	1 5	4 42	2 5	4 45	0 44	13 35	1 48	20 58	13 13	16 25	16 28	13 17	6 7	6 29
T15	14 23	9 40	4 59	9 49	4 34	20 43	0 20	18 46	1 43	17 58	1 5	4 40	2 5	4 43	0 44	13 35	1 48	20 57	13 13	16 22	16 27	13 18	6 8	6 29
F16	14 4	5 6	4 42	10 13	4 26	20 30	0 23	18 57	1 44	17 59	1 5	4 37	2 5	4 42	0 44	13 35	1 48	20 56	13 13	16 18	16 26	13 20	6 9	6 29
S17	13 45	0 11	4 6	10 38	4 16	20 17	0 26	19 7	1 44	18 0	1 5	4 34	2 5	4 41	0 44	13 35	1 49	20 56	13 13	16 16	16 25	13 21	6 10	6 29
S18	13 26	4n46	3 15	11 4	4 4	20 3	0 28	19 17	1 44	18 1	1 5	4 31	2 5	4 39	0 44	13 35	1 49	20 55	13 13	16 13	16 24	13 23	6 11	6 29
M19	13 7	9 27	2 11	11 30	3 51	19 48	0 30	19 27	1 45	18 2	1 5	4 29	2 5	4 38	0 44	13 35	1 49	20 54	13 13	16 12	16 23	13 24	6 12	6 28
T20	12 47	13 34	0 59	11 55	3 36	19 33	0 33	19 37	1 45	18 3	1 6	4 26	2 5	4 36	0 44	13 35	1 49	20 53	13 13	16 12	16 22	13 26	6 13	6 28
W21	12 28	16 50	0s17	12 21	3 21	19 17	0 35	19 46	1 45	18 5	1 6	4 23	2 5	4 35	0 44	13 35	1 49	20 52	13 13	16 12	16 21	13 27	6 14	6 28
T22	12 8	19 3	1 30	12 45	3 4	19 1	0 38	19 56	1 46	18 6	1 6	4 20	2 5	4 34	0 44	13 35	1 49	20 52	13 13	16 12	16 20	13 28	6 16	6 28
F23	11 48	20 5	2 37	13 8	2 46	18 44	0 40	20 6	1 46	18 7	1 6	4 17	2 4	4 32	0 44	13 35	1 49	20 51	13 13	16 11	16 19	13 30	6 17	6 28
S24	11 27	19 54	3 34	13 29	2 28	18 26	0 42	20 16	1 46	18 7	1 6	4 15	2 4	4 31	0 44	13 35	1 49	20 50	13 13	16 11	16 18	13 31	6 18	6 28
S25	11 7	18 35	4 18	13 48	2 10	18 9	0 44	20 25	1 47	18 8	1 6	4 12	2 4	4 29	0 44	13 34	1 49	20 49	13 13	16 9	16 17	13 33	6 19	6 28
M26	10 46	16 16	4 47	14 5	1 52	17 50	0 47	20 35	1 47	18 9	1 6	4 9	2 4	4 28	0 44	13 34	1 49	20 48	13 13	16 6	16 16	13 34	6 20	6 28
T27	10 25	13 8	5 1	14 20	1 33	17 31	0 49	20 44	1 47	18 10	1 6	4 6	2 4	4 26	0 43	13 34	1 49	20 48	13 13	16 3	16 16	13 36	6 21	6 28
W28	10 4	9 26	4 59	14 31	1 15	17 12	0 51	20 53	1 48	18 11	1 7	4 3	2 4	4 25	0 43	13 34	1 49	20 47	13 13	16 0	16 15	13 37	6 22	6 28
T29	9 43	5 22	4 42	14 40	0 57	16																		

SWISS EPHEMERIS for the year 1715

SEPTEMBER 1715

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S 1	22 38 2	7 ^h 50'11"	11 ^h 43'	19 ^h 047'	19 ^h 050'	27 ^h 156'	26 ^h 6'	25 ^h 4'	20 ^h 48'	11 ^h R26'	8 ^h 10'	13 ^h R 7'	14 ^h 11.24	3 ^h 11.54	27 ^h R 3'							
M 2	22 41 59	8°48'22"	23°38'	20°46'	21° 4'	28°34'	26° 9'	25°11'	20°51'	11 ^h 26'	8°12'	13 ^h 3'	14°20'	4° 0'	27 ^h R 0'							
T 3	22 45 55	9°46'35"	5 ^h 11.27	21°52'	22°18'	29°12'	26°12'	25°19'	20°55'	11°25'	8°14'	13° 1'	14°17'	4° 7'	26°57'							
W 4	22 49 52	10°44'50"	17°14'	23° 4'	23°32'	29°51'	26°14'	25°26'	20°59'	11°25'	8°16'	13°D 1'	14°14'	4°13'	26°54'							
T 5	22 53 49	11°43'07"	29° 3'	24°22'	24°46'	0 ^h 29'	26°16'	25°33'	21° 3'	11°24'	8°19'	13° 1'	14°11'	4°20'	26°51'							
F 6	22 57 45	12°41'24"	11 ^h 0'	25°46'	26° 0'	1° 8'	26°18'	25°40'	21° 6'	11°23'	8°21'	13°R 2'	14° 8'	4°27'	26°48'							
S 7	23 1 42	13°39'44"	23°11'	27°15'	27°14'	1°46'	26°20'	25°48'	21°10'	11°23'	8°23'	13° 1'	14° 5'	4°33'	26°45'							
S 8	23 5 38	14°38'05"	5 ^h 40'	28°48'	28°28'	2°25'	26°22'	25°55'	21°14'	11°22'	8°25'	12°59'	14° 1'	4°40'	26°42'							
M 9	23 9 35	15°36'28"	18°32'	0 ^h 26'	29°42'	3° 4'	26°23'	26° 2'	21°18'	11°21'	8°27'	12°55'	13°58'	4°47'	26°40'							
T 10	23 13 31	16°34'52"	1 ^h 50'	2° 6'	0 ^h 56'	3°44'	26°25'	26°10'	21°21'	11°20'	8°29'	12°48'	13°55'	4°53'	26°37'							
W 11	23 17 28	17°33'18"	15°35'	3°49'	2°11'	4°23'	26°26'	26°17'	21°25'	11°20'	8°31'	12°40'	13°52'	5° 0'	26°34'							
T 12	23 21 24	18°31'45"	29°45'	5°35'	3°25'	5° 3'	26°27'	26°25'	21°29'	11°19'	8°33'	12°32'	13°49'	5° 7'	26°31'							
F 13	23 25 21	19°30'14"	14 ^h 17'	7°23'	4°39'	5°42'	26°27'	26°32'	21°33'	11°18'	8°35'	12°23'	13°45'	5°13'	26°28'							
S 14	23 29 17	20°28'46"	29° 4'	9°12'	5°53'	6°22'	26°28'	26°39'	21°37'	11°17'	8°37'	12°16'	13°42'	5°20'	26°26'							
S 15	23 33 14	21°27'19"	13 ^h 57'	11° 2'	7° 8'	7° 2'	26°28'	26°47'	21°40'	11°16'	8°39'	12°11'	13°39'	5°27'	26°23'							
M 16	23 37 11	22°25'54"	28°48'	12°53'	8°22'	7°42'	26°R28'	26°54'	21°44'	11°15'	8°41'	12° 8'	13°36'	5°33'	26°21'							
T 17	23 41 7	23°24'31"	13 ^h 31'	14°44'	9°37'	8°23'	26°28'	27° 2'	21°48'	11°14'	8°43'	12°D 8'	13°33'	5°40'	26°18'							
W 18	23 45 4	24°23'11"	28° 0'	16°35'	10°51'	9° 3'	26°27'	27° 9'	21°52'	11°13'	8°45'	12° 8'	13°30'	5°47'	26°15'							
T 19	23 49 0	25°21'53"	12 ^h 12'	18°27'	12° 6'	9°43'	26°27'	27°17'	21°55'	11°12'	8°47'	12° 9'	13°26'	5°53'	26°13'							
F 20	23 52 57	26°20'37"	26° 6'	20°18'	13°20'	10°24'	26°26'	27°24'	21°59'	11°11'	8°50'	12°R10'	13°23'	6° 0'	26°10'							
S 21	23 56 53	27°19'24"	9 ^h 42'	22° 9'	14°35'	11° 5'	26°25'	27°32'	22° 3'	11°10'	8°52'	12° 9'	13°20'	6° 6'	26° 8'							
S 22	0 0 50	28°18'13"	23° 1'	24° 0'	15°49'	11°46'	26°24'	27°39'	22° 7'	11° 9'	8°54'	12° 7'	13°17'	6°13'	26° 5'							
M 23	0 4 46	29°17'04"	6 ^h 05'	25°50'	17° 4'	12°27'	26°23'	27°46'	22°11'	11° 8'	8°56'	12° 2'	13°14'	6°20'	26° 3'							
T 24	0 8 43	0 ^h 15'57"	18°55'	27°39'	18°18'	13° 8'	26°21'	27°54'	22°14'	11° 6'	8°58'	11°56'	13°10'	6°26'	26° 1'							
W 25	0 12 40	1°14'53"	1 ^h 32'	29°28'	19°33'	13°49'	26°19'	28° 1'	22°18'	11° 5'	9° 0'	11°49'	13° 7'	6°33'	25°58'							
T 26	0 16 36	2°13'50"	13°57'	1 ^h 15'	20°48'	14°31'	26°17'	28° 9'	22°22'	11° 4'	9° 1'	11°41'	13° 4'	6°40'	25°56'							
F 27	0 20 33	3°12'50"	26°11'	3° 2'	22° 3'	15°12'	26°15'	28°16'	22°26'	11° 3'	9° 3'	11°35'	13° 1'	6°46'	25°54'							
S 28	0 24 29	4°11'52"	8 ^h 16'	4°49'	23°17'	15°54'	26°13'	28°24'	22°29'	11° 1'	9° 5'	11°29'	12°58'	6°53'	25°52'							
S 29	0 28 26	5°10'56"	20°13'	6°34'	24°32'	16°36'	26°10'	28°31'	22°33'	11° 0'	9° 7'	11°25'	12°55'	7° 0'	25°50'							
M 30	0 32 22	6°10'01"	2 ^h 3'	8 ^h 19'	25 ^h 47'	17 ^h 17'	26 ^h 8'	28 ^h 38'	22 ^h 37'	10 ^h 59'	9 ^h 9'	11 ^h 23'	12 ^h 51'	7 ^h 6'	25 ^h 48'							

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♈		♉		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	8n39	7s 5	2s39	14n47	0s 7	15n49	0n59	21s29	1s48	18n13	1s 7	3n52	2n 4	4n19	0n43	13n33	1s49	20n44	13n13	15s48	16s11	13s43	6s27	6n27																		
M 2	8 17	10 46	1 42	14 43	0n 8	15 27	1 0	21 38	1 49	18 14	1 7	3 49	2 4	4 18	0 43	13 33	1 49	20 43	13 13	15 47	16 10	13 45	6 28	6 27																		
T 3	7 55	14 0	0 40	14 35	0 22	15 5	1 2	21 47	1 49	18 14	1 7	3 46	2 4	4 16	0 43	13 33	1 50	20 42	13 13	15 46	16 9	13 46	6 29	6 27																		
W 4	7 33	16 38	0n23	14 24	0 35	14 42	1 4	21 55	1 49	18 15	1 8	3 43	2 4	4 15	0 43	13 32	1 50	20 41	13 13	15 46	16 8	13 47	6 30	6 27																		
T 5	7 11	18 36	1 25	14 9	0 47	14 19	1 6	22 4	1 49	18 15	1 8	3 40	2 4	4 13	0 43	13 32	1 50	20 42	13 14	15 46	16 7	13 49	6 31	6 27																		
F 6	6 48	19 45	2 24	13 51	0 58	13 55	1 7	22 12	1 49	18 15	1 8	3 37	2 4	4 12	0 43	13 32	1 50	20 40	13 14	15 46	16 6	13 50	6 32	6 27																		
S 7	6 26	20 0	3 18	13 30	1 8	13 32	1 9	22 20	1 49	18 16	1 8	3 34	2 4	4 10	0 43	13 32	1 50	20 39	13 14	15 46	16 5	13 52	6 33	6 26																		
S 8	6 4	19 17	4 4	13 6	1 17	13 7	1 10	22 28	1 50	18 16	1 8	3 31	2 4	4 9	0 43	13 31	1 50	20 39	13 14	15 46	16 4	13 53	6 34	6 26																		
M 9	5 41	17 35	4 39	12 39	1 24	12 43	1 12	22 36	1 50	18 16	1 8	3 28	2 4	4 7	0 43	13 31	1 50	20 38	13 14	15 44	16 3	13 55	6 35	6 26																		
T 10	5 18	14 54	5 1	12 9	1 31	12 18	1 13	22 43	1 50	18 16	1 8	3 25	2 4	4 6	0 43	13 31	1 50	20 37	13 14	15 42	16 2	13 56	6 37	6 26																		
W 11	4 55	11 19	5 6	11 37	1 36	11 52	1 14	22 51	1 50	18 16	1 8	3 23	2 4	4 4	0 43	13 30	1 50	20 37	13 14	15 40	16 1	13 57	6 38	6 26																		
T 12	4 33	7 0	4 53	11 2	1 41	11 27	1 16	22 58	1 50	18 16	1 9	3 20	2 4	4 3	0 43	13 30	1 50	20 36	13 14	15 37	16 0	13 59	6 39	6 25																		
F 13	4 10	2 11	4 21	10 26	1 45	11 1	1 17	23 6	1 50	18 17	1 9	3 17	2 4	4 1	0 43	13 30	1 50	20 35	13 14	15 35	15 59	14 0	6 40	6 25																		
S 14	3 47	2n51	3 31	9 47	1 47	10 34	1 18	23 13	1 50	18 16	1 9	3 14	2 4	4 0	0 43	13 29	1 50	20 35	13 15	15 32	15 59	14 2	6 41	6 25																		
S 15	3 24	7 45	2 26	9 7	1 49	10 8	1 19	23 20	1 50	18 16	1 9	3 11	2 4	3 58	0 43	13 29	1 50	20 34	13 15	15 31	15 58	14 3	6 42	6 25																		
M 16	3 0	12 11	1 11	8 26	1 50	9 41	1 20	23 26	1 50	18 16	1 9	3 8	2 4	3 57	0 43	13 29	1 50	20 33	13 15	15 30	15 57	14 4	6 43	6 24																		
T 17	2 37	15 48	0s 8	7 43	1 50	9 14	1 21	23 33	1 50	18 16	1 9	3 5	2 4	3 55	0 43	13 28	1 50	20 33	13 15	15 30	15 56	14 6	6 44	6 24																		
W 18	2 14	18 22	1 25	6 59	1 50	8 46	1 22	23 39	1 50	18 16	1 9	3 2	2 4	3 54	0 43	13 28	1 50	20 32	13 15	15 30	15 55	14 7	6 45	6 24																		
T 19	1 51	19 43	2 35	6 14	1 48	8 18	1 23	23 45	1 50	18 16	1 10	2 59	2 4	3 52	0 43	13 28	1 50	20 31	13 15	15 30	15 54	14 9	6 46	6 24																		
F 20	1 27	19 50	3 35	5 29	1 47	7 50	1 23	23 51	1 50	18 15	1 10	2 56	2 4	3 51	0 43	13 27	1 50	20 31	13 16	15 31	15 53	14 10	6 48	6 23																		
S 21	1 4	18 46	4 22	4 43	1 44	7 22	1 24	23 57	1 50	18 15	1 10	2 53	2 4	3 49	0 43	13 27	1 50	20 30	13 16	15 30	15 52	14 11	6 49	6 23																		
S 22	0 41	16 42	4 53	3 56	1 41	6 54	1 25	24 3	1 50	18 15	1 10	2 50	2 4	3 48	0 43	13 27	1 50	20 30	13 16	15 30	15 51	14 13	6 50	6 23																		
M 23	0 17	13 48	5 8	3 10	1 38	6 25	1 25	24 8	1 50	18 14	1 10	2 47	2 4	3 46	0 43	13 26	1 51	20 29	13 16	15 28	15 50	14 14	6 51	6 23																		
T 24	0s 6	10 18	5 7	2 23	1 34	5 57	1 26	24 14	1 50	18 14	1 10	2 44	2 4	3 45	0 43	13 26	1 51	20 28	13 16	15 26	15 49	14 15	6 52	6 22																		
W 25	0 30	6 24	4 52	1 36	1 30	5 28	1 26	24 19	1 50	18 13	1 10	2 41	2 4	3 43	0 43	13 25	1 51	20 28	13 17	15 24	15 48	14 17	6 53	6 22																		
T 26	0 53	2 17	4 22	0 48	1 26	4 58	1 26	24 24	1 50	18 13	1 10	2 39	2 5	3 42	0 43	13 25	1 51	20 27	13 17	15 22	15 47	14 18	6 54	6 22																		
F 27	1 17	1s52	3 41	0 1	1 21	4 29	1 27	24 28	1 50	18 12																																

SWISS EPHEMERIS for the year 1715

OCTOBER 1715

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

Day	☉		☽		♀		♁		♂		♃		♅		♁		♄		♁		♁		♁		♁	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	2s51	15s48	0n13	3s 5	0n59	2n31	1n27	24s45	1s49	18n 9	1s11	2n24	2n 5	3n35	0n43	13n23	1s51	20n25	13n18	15s16	15s42	14s25	6s59	6n20		
W 2	3 14	17 56	1 17	3 51	0 53	2 1	1 27	24 48	1 49	18 8	1 11	2 21	2 5	3 33	0 43	13 22	1 51	20 24	13 18	15 16	15 41	14 26	7 0	6 20		
T 3	3 37	19 19	2 18	4 37	0 46	1 31	1 27	24 52	1 49	18 7	1 11	2 18	2 5	3 32	0 43	13 22	1 51	20 23	13 18	15 17	15 40	14 28	7 1	6 20		
F 4	4 1	19 50	3 14	5 22	0 40	1 1	1 27	24 55	1 49	18 7	1 11	2 15	2 5	3 30	0 43	13 21	1 51	20 23	13 19	15 17	15 39	14 29	7 2	6 19		
S 5	4 24	19 27	4 1	6 6	0 33	0 31	1 26	24 58	1 49	18 6	1 11	2 12	2 5	3 29	0 43	13 21	1 51	20 23	13 19	15 18	15 38	14 30	7 3	6 19		
S 6	4 47	18 7	4 39	6 50	0 27	0 1	1 26	25 1	1 49	18 5	1 11	2 10	2 5	3 27	0 43	13 21	1 51	20 22	13 19	15 18	15 37	14 32	7 4	6 19		
M 7	5 10	15 52	5 4	7 34	0 20	0s29	1 26	25 3	1 48	18 4	1 11	2 7	2 5	3 26	0 43	13 20	1 51	20 22	13 20	15 18	15 36	14 33	7 4	6 18		
T 8	5 33	12 44	5 14	8 17	0 13	0 59	1 25	25 5	1 48	18 2	1 11	2 4	2 5	3 25	0 43	13 20	1 51	20 21	13 20	15 17	15 35	14 34	7 5	6 18		
W 9	5 56	8 49	5 7	9 0	0 7	1 30	1 25	25 7	1 48	18 1	1 12	2 1	2 5	3 23	0 44	13 19	1 51	20 21	13 20	15 16	15 35	14 36	7 6	6 17		
T 10	6 19	4 18	4 42	9 42	0s 0	2 0	1 24	25 9	1 48	18 0	1 12	1 58	2 5	3 22	0 44	13 19	1 51	20 21	13 20	15 15	15 34	14 37	7 7	6 17		
F 11	6 42	0n36	3 58	10 23	0 7	2 30	1 23	25 11	1 48	17 59	1 12	1 56	2 6	3 20	0 44	13 18	1 51	20 20	13 21	15 14	15 33	14 38	7 8	6 17		
S 12	7 5	5 36	2 56	11 4	0 14	3 0	1 23	25 12	1 47	17 58	1 12	1 53	2 6	3 19	0 44	13 18	1 51	20 20	13 21	15 13	15 32	14 40	7 9	6 16		
S 13	7 28	10 18	1 42	11 44	0 21	3 30	1 22	25 13	1 47	17 56	1 12	1 50	2 6	3 18	0 44	13 17	1 51	20 19	13 21	15 12	15 31	14 41	7 10	6 16		
M 14	7 50	14 22	0 20	12 24	0 28	4 0	1 21	25 14	1 47	17 55	1 12	1 47	2 6	3 16	0 44	13 17	1 51	20 19	13 22	15 12	15 30	14 42	7 10	6 16		
T 15	8 13	17 26	1s 3	13 2	0 35	4 30	1 20	25 14	1 47	17 54	1 12	1 44	2 6	3 15	0 44	13 16	1 51	20 19	13 22	15 12	15 29	14 43	7 11	6 15		
W 16	8 35	19 17	2 20	13 40	0 41	5 0	1 19	25 14	1 46	17 52	1 12	1 42	2 6	3 13	0 44	13 16	1 51	20 18	13 22	15 12	15 28	14 45	7 12	6 15		
T 17	8 57	19 47	3 27	14 18	0 48	5 30	1 18	25 14	1 46	17 51	1 12	1 39	2 6													

SWISS EPHEMERIS for the year 1715

NOVEMBER 1715

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	2 38 32	7♈58°26'	28♁15°	27♃49	5♂50	10♂29	23°R10	2♁24	24♃26	10°R 9	10♃2	11♂6	11♂10	10♂39	25°R 9	
S 2	2 42 29	8°58'37"	10♂26	29°10'	7° 6'	11°14'	23°R 2	2°31'	24°29'	10°R 8	10° 3'	11° 6'	11° 7'	10°46'	25°R 8	
S 3	2 46 25	9°58'50"	22°52'	0♁30	8°21'	11°59'	22°54'	2°37'	24°32'	10° 6'	10° 4'	11° 7'	11° 3'	10°52'	25° 8	
M 4	2 50 22	10°59'04"	5♁36	1°50'	9°36'	12°44'	22°46'	2°44'	24°35'	10° 4'	10° 5'	11° 7'	11° 0'	10°59'	25° 8	
T 5	2 54 18	11°59'20"	18°42'	3° 8'	10°52'	13°29'	22°38'	2°50'	24°38'	10° 2'	10° 7'	11° 7'	10°57'	11° 5'	25°D 8	
W 6	2 58 15	12°59'37"	2♁13	4°24'	12° 7'	14°14'	22°31'	2°56'	24°40'	10° 1'	10° 8'	11° 7'	10°54'	11°12'	25° 8	
T 7	3 2 11	13°59'55"	16° 9'	5°40'	13°22'	14°59'	22°22'	3° 3'	24°43'	9°59'	10° 9'	11° 7'	10°51'	11°19'	25° 8	
F 8	3 6 8	15° 0'15"	0♁32	6°53'	14°38'	15°44'	22°14'	3° 9'	24°46'	9°57'	10°10'	11° 7'	10°47'	11°25'	25° 8	
S 9	3 10 4	16° 0'37"	15°18'	8° 4'	15°53'	16°29'	22° 6'	3°15'	24°49'	9°56'	10°11'	11° 8'	10°44'	11°32'	25° 8	
S 10	3 14 1	17° 1'00"	0♁22	9°14'	17° 8'	17°15'	21°58'	3°21'	24°51'	9°54'	10°12'	11° 8'	10°41'	11°39'	25° 9	
M 11	3 17 58	18° 1'24"	15°35'	10°21'	18°24'	18° 0'	21°50'	3°27'	24°54'	9°52'	10°13'	11°R 8	10°38'	11°45'	25° 9	
T 12	3 21 54	19° 1'51"	0♁48	11°25'	19°39'	18°45'	21°42'	3°33'	24°57'	9°51'	10°14'	11° 8'	10°35'	11°52'	25° 9	
W 13	3 25 51	20° 2'19"	15°51'	12°26'	20°55'	19°31'	21°34'	3°39'	24°59'	9°49'	10°15'	11° 7'	10°32'	11°59'	25°10	
T 14	3 29 47	21° 2'48"	0♁36	13°24'	22°10'	20°16'	21°26'	3°45'	25° 2'	9°47'	10°16'	11° 6'	10°28'	12° 5'	25°10	
F 15	3 33 44	22° 3'20"	14°56'	14°18'	23°25'	21° 2'	21°17'	3°51'	25° 4'	9°46'	10°17'	11° 5'	10°25'	12°12'	25°11	
S 16	3 37 40	23° 3'53"	28°49'	15° 7'	24°41'	21°47'	21° 9'	3°56'	25° 7'	9°44'	10°18'	11° 3'	10°22'	12°19'	25°11	
S 17	3 41 37	24° 4'28"	12♁15	15°52'	25°56'	22°33'	21° 1'	4° 2'	25° 9'	9°42'	10°19'	11° 2'	10°19'	12°25'	25°12	
M 18	3 45 33	25° 5'04"	25°14'	16°30'	27°12'	23°18'	20°53'	4° 8'	25°11'	9°41'	10°20'	11°D 2	10°16'	12°32'	25°13	
T 19	3 49 30	26° 5'43"	7♃51	17° 3'	28°27'	24° 4'	20°45'	4°13'	25°14'	9°39'	10°20'	11° 3'	10°13'	12°38'	25°14	
W 20	3 53 27	27° 6'23"	20°10'	17°28'	29°42'	24°50'	20°37'	4°19'	25°16'	9°38'	10°21'	11° 4'	10° 9'	12°45'	25°15	
T 21	3 57 23	28° 7'05"	2♁14	17°46'	0♁58	25°36'	20°29'	4°24'	25°18'	9°36'	10°22'	11° 5'	10° 6'	12°52'	25°15	
F 22	4 1 20	29° 7'48"	14° 9'	17°R54	2°13'	26°22'	20°21'	4°29'	25°20'	9°34'	10°23'	11° 7'	10° 3'	12°58'	25°16	
S 23	4 5 16	0♁8 8'33"	25°57'	17°54'	3°29'	27° 7'	20°13'	4°35'	25°22'	9°33'	10°23'	11° 8'	10° 0'	13° 5'	25°18	
S 24	4 9 13	1° 9'19"	7♃44	17°43'	4°44'	27°53'	20° 5'	4°40'	25°24'	9°31'	10°24'	11°R 9	9°57'	13°12'	25°19	
M 25	4 13 9	2°10'07"	19°31'	17°22'	5°59'	28°39'	19°57'	4°45'	25°27'	9°30'	10°24'	11° 8'	9°53'	13°18'	25°20	
T 26	4 17 6	3°10'56"	1♁21	16°50'	7°15'	29°25'	19°49'	4°50'	25°29'	9°28'	10°25'	11° 7'	9°50'	13°25'	25°21	
W 27	4 21 2	4°11'46"	13°17'	16° 7'	8°30'	0♁11	19°41'	4°55'	25°30'	9°27'	10°26'	11° 4'	9°47'	13°32'	25°22	
T 28	4 24 59	5°12'38"	25°20'	15°13'	9°46'	0°57'	19°34'	5° 0'	25°32'	9°25'	10°26'	11° 1'	9°44'	13°38'	25°24	
F 29	4 28 56	6°13'30"	7♂31	14° 9'	11° 1'	1°43'	19°26'	5° 5'	25°34'	9°24'	10°27'	10°56'	9°41'	13°45'	25°25	
S 30	4 32 52	7♁14'24"	19♂53	12♁58	12♁17	2♁29	19♂19	5♁10	25♃36	9♂22	10♃27	10♂52	9♂38	13♂52	25♁27	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
F 1	14s11	19s34	3n54	21s54	2s15	12s36	0n57	24s44	1s41	17n26	1s12	1n 0	2n 8	2n53	0n44	13n 7	1s51	20n15	13n28	15s11	15s12	15s 5	7s22	6n 8
S 2	14 31	18 31	4 34	22 16	2 20	13 2	0 55	24 40	1 40	17 24	1 12	0 58	2 8	2 52	0 44	13 7	1 51	20 15	13 29	15 11	15 11	15 6	7 23	6 8
S 3	14 50	16 34	5 2	22 37	2 23	13 28	0 53	24 35	1 40	17 22	1 12	0 55	2 8	2 51	0 44	13 6	1 51	20 14	13 29	15 11	15 10	15 7	7 23	6 7
M 4	15 9	13 46	5 17	22 57	2 27	13 54	0 51	24 31	1 39	17 20	1 12	0 53	2 9	2 50	0 44	13 6	1 51	20 14	13 30	15 11	15 9	15 9	7 24	6 7
T 5	15 27	10 14	5 16	23 16	2 30	14 20	0 49	24 26	1 39	17 18	1 12	0 50	2 9	2 49	0 44	13 5	1 51	20 14	13 30	15 11	15 8	15 10	7 24	6 7
W 6	15 46	6 5	4 57	23 34	2 33	14 45	0 47	24 21	1 38	17 16	1 12	0 48	2 9	2 48	0 44	13 5	1 51	20 14	13 30	15 11	15 7	15 11	7 24	6 6
T 7	16 4	1 28	4 21	23 50	2 35	15 10	0 45	24 15	1 38	17 14	1 12	0 46	2 9	2 47	0 44	13 4	1 51	20 14	13 31	15 11	15 6	15 12	7 25	6 6
F 8	16 22	3n23	3 27	24 4	2 37	15 34	0 43	24 10	1 38	17 12	1 12	0 43	2 9	2 45	0 44	13 4	1 51	20 14	13 31	15 11	15 5	15 14	7 25	6 5
S 9	16 39	8 10	2 19	24 18	2 39	15 58	0 41	24 4	1 37	17 10	1 12	0 41	2 10	2 44	0 44	13 3	1 51	20 14	13 32	15 11	15 4	15 15	7 26	6 5
S 10	16 57	12 33	1 0	24 30	2 39	16 21	0 39	23 57	1 37	17 8	1 12	0 39	2 10	2 43	0 44	13 3	1 51	20 14	13 32	15 11	15 3	15 16	7 26	6 4
M 11	17 14	16 8	0s25	24 40	2 40	16 44	0 37	23 51	1 36	17 6	1 11	0 37	2 10	2 42	0 44	13 2	1 51	20 14	13 33	15 11	15 2	15 17	7 26	6 4
T 12	17 30	18 36	1 47	24 49	2 39	17 7	0 35	23 44	1 36	17 4	1 11	0 34	2 10	2 41	0 44	13 1	1 51	20 14	13 33	15 11	15 1	15 18	7 26	6 4
W 13	17 47	19 43	3 1	24 56	2 38	17 29	0 32	23 37	1 35	17 2	1 11	0 32	2 10	2 40	0 44	13 1	1 51	20 14	13 34	15 11	15 0	15 20	7 27	6 3
T 14	18 3	19 27	4 2	25 1	2 36	17 51	0 30	23 30	1 35	17 0	1 11	0 30	2 10	2 39	0 44	13 0	1 51	20 14	13 34	15 11	14 59	15 21	7 27	6 3
F 15	18 19	17 55	4 45	25 5	2 33	18 12	0 28	23 22	1 34	16 58	1 11	0 28	2 11	2 38	0 44	13 0	1 51	20 14	13 34	15 10	14 58	15 22	7 27	6 2
S 16	18 34	15 22	5 10	25 7	2 30	18 33	0 26	23 15	1 33	16 56	1 11	0 26	2 11	2 38	0 44	12 59	1 51	20 14	13 35	15 10	14 57	15 23	7 27	6 2
S 17	18 49	12 4	5 17	25 8	2 25	18 53	0 23	23 7	1 33	16 54	1 11	0 24	2 11	2 37	0 44	12 59	1 51	20 14	13 35	15 10	14 56	15 24	7 28	6 1
M 18	19 4	8 17	5 8	25 6	2 20	19 13	0 21	22 59	1 32	16 52	1 11	0 22	2 11	2 36	0 44	12 58	1 51	20 15	13 36	15 10	14 55	15 26	7 28	6 1
T 19	19 18	4 15	4 43	25 3	2 13	19 32	0 19	22 50	1 32	16 50	1 11	0 20	2 11	2 35	0 45	12 58	1 51	20 15	13 36	15 10	14 54	15 27	7 28	6 1
W 20	19 32	0 7	4 7	24 57	2 5	19 51	0 16	22 41	1 31	16 48	1 10	0 18	2 12	2 34	0 45	12 58	1 51	20 15	13 37	15 10	14 53	15 28	7 28	6 0
T 21	19 46	3s56	3 19	24 49	1 55	20 9	0 14	22 32	1 31	16 46	1 10	0 16	2 12	2 33	0 45	12 57	1 51	20 15	13 37	15 10	14 52	15 29	7 28	6 0
F 22	20 0	7 48	2 24	24 39	1 44	20 27	0 12	22 23	1 30	16 44	1 10	0 14	2 12	2 32	0 45	12 57	1 51	20 15	13 38	15 11	14 51	15 30	7 28	5 59
S 23	20 13	11 20	1 23	24 27	1 32	20 44	0 9	22 14	1 30	16 42	1 10	0 12	2 12	2 31	0 45	12 56	1 51	20 15	13 38	15 11	14 50	15 31	7 28	5 59
S 24	20 25	14 24	0 19	24 12	1 18	21 0	0 7	22 4	1 29	16 40	1 10	0 10	2 12	2 31	0 45	12 56</								

SWISS EPHEMERIS for the year 1715

DECEMBER 1715

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	4 36 49	8°15'18	2°26	11°R40	13°A32	3°16	19°R12	5°14	25°M38	9°R21	10°M27	10°R48	9°M34	13°M58	25°28								
M 2	4 40 45	9°16'14	15°14	10°A18	14°47	4° 2	19°R 4	5°19	25°39	9°R19	10°28	10°M44	9°31	14° 5	25°30								
T 3	4 44 42	10°17'10	28°19	8°55	16° 3	4°48	18°57	5°23	25°41	9°18	10°28	10°42	9°28	14°12	25°31								
W 4	4 48 38	11°18'06	11°K42	7°34	17°18	5°34	18°50	5°28	25°43	9°17	10°29	10°D42	9°25	14°18	25°33								
T 5	4 52 35	12°19'04	25°26	6°17	18°34	6°20	18°43	5°32	25°44	9°15	10°29	10°42	9°22	14°25	25°35								
F 6	4 56 31	13°20'02	9°V32	5° 7	19°49	7° 7	18°36	5°36	25°46	9°14	10°29	10°44	9°19	14°31	25°37								
S 7	5 0 28	14°21'00	23°58	4° 5	21° 5	7°53	18°30	5°40	25°47	9°13	10°29	10°45	9°15	14°38	25°39								
S 8	5 4 25	15°22'00	8°B42	3°14	22°20	8°39	18°23	5°45	25°48	9°11	10°30	10°R46	9°12	14°45	25°41								
M 9	5 8 21	16°23'00	23°40	2°34	23°35	9°26	18°17	5°48	25°50	9°10	10°30	10°45	9° 9	14°51	25°43								
T 10	5 12 18	17°24'00	8°II43	2° 5	24°51	10°12	18°11	5°52	25°51	9° 9	10°30	10°43	9° 6	14°58	25°45								
W 11	5 16 14	18°25'02	23°43	1°47	26° 6	10°58	18° 5	5°56	25°52	9° 8	10°30	10°39	9° 3	15° 5	25°47								
T 12	5 20 11	19°26'04	8°E31	1°D39	27°22	11°45	17°59	6° 0	25°53	9° 6	10°30	10°33	8°59	15°11	25°49								
F 13	5 24 7	20°27'07	22°59	1°42	28°37	12°31	17°53	6° 4	25°54	9° 5	10°R30	10°26	8°56	15°18	25°51								
S 14	5 28 4	21°28'10	7°L 2	1°54	29°52	13°17	17°47	6° 7	25°55	9° 4	10°30	10°20	8°53	15°25	25°53								
S 15	5 32 0	22°29'15	20°36	2°15	1°R 8	14° 4	17°42	6°11	25°56	9° 3	10°30	10°14	8°50	15°31	25°56								
M 16	5 35 57	23°30'20	3°M43	2°44	2°23	14°50	17°37	6°14	25°57	9° 2	10°30	10°11	8°47	15°38	25°58								
T 17	5 39 54	24°31'26	16°24	3°20	3°39	15°36	17°32	6°17	25°58	9° 1	10°30	10° 8	8°44	15°45	26° 1								
W 18	5 43 50	25°32'33	28°44	4° 2	4°54	16°23	17°27	6°20	25°59	9° 0	10°30	10°D 8	8°40	15°51	26° 3								
T 19	5 47 47	26°33'41	10°A48	4°50	6° 9	17° 9	17°22	6°23	26° 0	8°59	10°29	10° 9	8°37	15°58	26° 6								
F 20	5 51 43	27°34'49	22°40	5°42	7°25	17°56	17°17	6°26	26° 1	8°58	10°29	10°10	8°34	16° 4	26° 8								
S 21	5 55 40	28°35'58	4°M27	6°39	8°40	18°42	17°13	6°29	26° 1	8°57	10°29	10°R12	8°31	16°11	26°11								
S 22	5 59 36	29°37'07	16°13	7°39	9°55	19°29	17° 9	6°32	26° 2	8°56	10°29	10°12	8°28	16°18	26°13								
M 23	6 3 33	0°R38'17	28° 3	8°43	11°11	20°15	17° 5	6°35	26° 2	8°55	10°29	10°10	8°25	16°24	26°16								
T 24	6 7 29	1°39'28	9°A58	9°50	12°26	21° 2	17° 1	6°37	26° 3	8°54	10°28	10° 5	8°21	16°31	26°19								
W 25	6 11 26	2°40'39	22° 3	11° 0	13°42	21°48	16°57	6°40	26° 3	8°53	10°28	9°59	8°18	16°38	26°22								
T 26	6 15 23	3°41'50	4°R19	12°12	14°57	22°34	16°54	6°42	26° 4	8°52	10°27	9°50	8°15	16°44	26°25								
F 27	6 19 19	4°43'01	16°46	13°26	16°12	23°21	16°50	6°44	26° 4	8°51	10°27	9°39	8°12	16°51	26°27								
S 28	6 23 16	5°44'12	29°26	14°42	17°28	24° 7	16°47	6°47	26° 4	8°51	10°27	9°28	8° 9	16°58	26°30								
S 29	6 27 12	6°45'24	12°A17	15°59	18°43	24°54	16°44	6°49	26° 4	8°50	10°26	9°18	8° 5	17° 4	26°33								
M 30	6 31 9	7°46'35	25°20	17°18	19°58	25°40	16°42	6°51	26° 5	8°49	10°26	9° 9	8° 2	17°11	26°36								
T 31	6 35 5	8°47'46	8°K35	18°A38	21°R14	26°27	16°39	6°52	26° 5	8°49	10°25	9°M 2	7°M59	17°M18	26°39								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat		
S 1	21s43	14s36	5n10	21s21	0n52	22s37	0s10	20s50	1s25	16n27	1s 8	0s 2	2n14	2n26	0n45	12n53	1s51	20n17	13n42	15s 5	14s42	15s41	7s28	5n56
M 2	21 52	11 18	5 13	20 50	1 12	22 49	0 12	20 38	1 24	16 25	1 8	0 4	2 14	2 25	0 45	12 52	1 51	20 17	13 43	15 4	14 41	15 42	7 28	5 55
T 3	22 1	7 24	4 59	20 20	1 31	22 59	0 15	20 26	1 23	16 23	1 8	0 5	2 15	2 24	0 45	12 52	1 51	20 18	13 43	15 3	14 40	15 43	7 27	5 55
W 4	22 10	3 2	4 29	19 50	1 48	23 9	0 17	20 14	1 23	16 22	1 8	0 7	2 15	2 24	0 45	12 51	1 51	20 18	13 44	15 3	14 39	15 44	7 27	5 54
T 5	22 18	1n36	3 43	19 22	2 4	23 18	0 19	20 2	1 22	16 20	1 8	0 8	2 15	2 23	0 45	12 51	1 51	20 18	13 44	15 3	14 38	15 45	7 27	5 54
F 6	22 26	6 16	2 43	18 56	2 17	23 27	0 22	19 50	1 21	16 18	1 7	0 10	2 15	2 23	0 45	12 51	1 51	20 19	13 45	15 4	14 37	15 46	7 27	5 54
S 7	22 33	10 43	1 31	18 34	2 28	23 35	0 24	19 37	1 21	16 17	1 7	0 11	2 16	2 22	0 45	12 50	1 51	20 19	13 45	15 4	14 36	15 47	7 27	5 53
S 8	22 40	14 36	0 11	18 16	2 37	23 42	0 27	19 25	1 20	16 15	1 7	0 12	2 16	2 22	0 45	12 50	1 51	20 20	13 46	15 5	14 35	15 49	7 26	5 53
M 9	22 47	17 35	1s10	18 2	2 44	23 48	0 29	19 12	1 19	16 14	1 7	0 14	2 16	2 21	0 45	12 49	1 51	20 20	13 46	15 4	14 34	15 50	7 26	5 52
T 10	22 53	19 22	2 27	17 52	2 48	23 54	0 31	18 59	1 19	16 12	1 7	0 15	2 16	2 21	0 45	12 49	1 51	20 20	13 46	15 4	14 33	15 51	7 26	5 52
W 11	22 58	19 47	3 33	17 46	2 51	23 58	0 33	18 45	1 18	16 11	1 6	0 16	2 17	2 20	0 45	12 49	1 51	20 21	13 47	15 2	14 32	15 52	7 25	5 52
T 12	23 3	18 49	4 24	17 44	2 51	24 3	0 36	18 32	1 17	16 9	1 6	0 18	2 17	2 20	0 45	12 48	1 51	20 21	13 47	15 0	14 31	15 53	7 25	5 51
F 13	23 8	16 38	4 56	17 45	2 50	24 6	0 38	18 18	1 17	16 8	1 6	0 19	2 17	2 19	0 45	12 48	1 50	20 22	13 48	14 58	14 30	15 54	7 25	5 51
S 14	23 12	13 32	5 10	17 49	2 48	24 9	0 40	18 4	1 16	16 7	1 6	0 20	2 17	2 19	0 45	12 48	1 50	20 22	13 48	14 56	14 29	15 55	7 24	5 51
S 15	23 16	9 49	5 5	17 57	2 45	24 10	0 42	17 50	1 15	16 5	1 5	0 21	2 18	2 19	0 45	12 47	1 50	20 22	13 49	14 55	14 28	15 56	7 24	5 50
M 16	23 19	5 44	4 45	18 7	2 41	24 12	0 44	17 36	1 15	16 4	1 5	0 22	2 18	2 18	0 46	12 47	1 50	20 23	13 49	14 53	14 27	15 57	7 23	5 50
T 17	23 22	1 31	4 11	18 18	2 35	24 12	0 47	17 21	1 14	16 3	1 5	0 23	2 18	2 18	0 46	12 47	1 50	20 23	13 50	14 53	14 26	15 58	7 23	5 49
W 18	23 24	2s38	3 26	18 32	2 30	24 12	0 49	17 7	1 13	16 2	1 5	0 24	2 18	2 18	0 46	12 46	1 50	20 24	13 50	14 53	14 25	15 59	7 22	5 49
T 19	23 26	6 37	2 33	18 47	2 23	24 11	0 51	16 52	1 12	16 1	1 4	0 25	2 19	2 18	0 46	12 46	1 50	20 24	13 51	14 53	14 24	16 1	7 22	5 49
F 20	23 27	10 17	1 34	19 3	2 16	24 9	0 53	16 37	1 12	16 0	1 4	0 26	2 19	2 17	0 46	12 46	1 50	20 25	13 51	14 53	14 23	16 2	7 21	5 48
S 21	23 28	13 31	0 31	19 20	2 9	24 6	0 55	16 22	1 11	15 59	1 4	0 27	2 19	2 17	0 46	12 46	1 50	20 25	13 52	14 54	14 22	16 3	7 21	5 48
S 22	23 28	16 12	0n33	19 37	2 1	24 3	0 57	16 7	1 10	15 58	1 3	0 28	2 19	2 17	0 46	12 45	1 50	20 26	13 52	14 54	14 21	16 4	7 20	5 48
M 23	23 28	18 13	1 35	19 55	1 53	23 59	0 59	15 51	1 10	15 57	1 3	0 29	2 20	2 17	0 46	12 45	1 50	20 27	13 53	14 53	14 20	16 5	7 20	5 47
T 24	23 28	19 27	2 33	20 13	1 45	23 54	1 0	15 36	1 9	15 56	1 3	0 29	2 20	2 17	0 46	12 45	1 50	20 27	13 53	14 52	14 19	16 6	7 19	5 47
W 25	23 27	19 49	3 26	20 31	1 37	23 48	1 2	15 20	1 8	15 55	1 3	0 30	2 20	2 16	0 46	12 45	1 50	20 28	13 54	14 50	14 18	16 7	7 18	5 47
T 26	23 25	19 15	4 9	20 49	1 29	23 42	1 4	15 4	1 7	15 55	1 2	0 31	2 21	2 16	0 46	12 44	1 50	20 28	13 54	14 47	14 17	16 8	7 18	5 46
F 27	23 23	17 46	4 41	21 7	1 21	23 35	1 6	14 48	1 7	15 54	1 2	0 31	2 21	2 16	0 46	12 44	1 50	20 29	13 55	14 44	14 16	16 9	7 17	5 46
S 28	23 21	15 24	5 0	21 24	1 12	23 27	1 8	14 32	1 6	15 53	1 2	0 32	2 21											