

SWISS EPHEMERIS for the year 1611

JANUARY 1611 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	6 40 43	10♁18'41	6♁22	22♁57	26♁39	28♁43	20°R50	20♁50	14°R33	22°R 6	2°R 0	29°R21	28♁43	5♁ 1	7♁11
S 2	6 44 39	11°19'50	21°10	24°24	27°32	29° 6	20♁42	20°56	14♁31	22♁ 6	1♁59	29♁19	28°40	5° 7	7°17
M 3	6 48 36	12°20'59	5♁34	25°52	28°24	29°31	20°34	21° 2	14°28	22° 5	1°59	29°17	28°37	5°14	7°23
T 4	6 52 32	13°22'08	19°30	27°20	29°15	29°55	20°26	21° 8	14°26	22° 5	1°59	29°16	28°33	5°21	7°29
W 5	6 56 29	14°23'17	2♁59	28°49	0♁ 5	0♁20	20°18	21°15	14°24	22° 5	1°59	29°15	28°30	5°27	7°35
T 6	7 0 26	15°24'26	16° 1	0♁18	0°55	0°45	20°10	21°21	14°22	22° 4	1°58	29°D15	28°27	5°34	7°41
F 7	7 4 22	16°25'35	28°40	1°48	1°44	1°10	20° 2	21°27	14°20	22° 4	1°58	29°15	28°24	5°41	7°47
S 8	7 8 19	17°26'44	11♁ 0	3°19	2°31	1°36	19°54	21°34	14°18	22° 3	1°58	29°16	28°21	5°47	7°52
S 9	7 12 15	18°27'52	23° 6	4°50	3°18	2° 2	19°46	21°40	14°16	22° 3	1°58	29°18	28°18	5°54	7°58
M10	7 16 12	19°29'01	5♁ 2	6°22	4° 4	2°28	19°38	21°47	14°14	22° 2	1°58	29°19	28°14	6° 1	8° 4
T 11	7 20 8	20°30'09	16°51	7°54	4°49	2°54	19°30	21°53	14°12	22° 2	1°58	29°21	28°11	6° 7	8°10
W12	7 24 5	21°31'17	28°38	9°26	5°33	3°21	19°22	22° 0	14°10	22° 1	1°57	29°R21	28° 8	6°14	8°16
T 13	7 28 1	22°32'24	10♁24	11° 0	6°16	3°48	19°13	22° 6	14° 8	22° 0	1°57	29°21	28° 5	6°20	8°22
F 14	7 31 58	23°33'31	22°14	12°33	6°58	4°15	19° 5	22°13	14° 6	22° 0	1°57	29°19	28° 2	6°27	8°28
S 15	7 35 55	24°34'37	4♁ 8	14° 8	7°38	4°42	18°57	22°20	14° 5	21°59	1°57	29°16	27°58	6°34	8°34
S 16	7 39 51	25°35'43	16° 9	15°42	8°17	5°10	18°49	22°26	14° 3	21°58	1°D57	29°12	27°55	6°40	8°40
M17	7 43 48	26°36'47	28°17	17°18	8°55	5°38	18°41	22°33	14° 1	21°58	1°57	29° 7	27°52	6°47	8°45
T 18	7 47 44	27°37'51	10♁36	18°54	9°32	6° 6	18°34	22°40	14° 0	21°57	1°57	29° 2	27°49	6°54	8°51
W19	7 51 41	28°38'53	23° 7	20°30	10° 7	6°34	18°26	22°47	13°58	21°56	1°57	28°57	27°46	7° 0	8°57
T 20	7 55 37	29°39'55	5♁51	22° 7	10°41	7° 3	18°18	22°54	13°56	21°55	1°57	28°53	27°43	7° 7	9° 3
F 21	7 59 34	0♁40'55	18°52	23°45	11°14	7°32	18°10	23° 1	13°55	21°54	1°58	28°51	27°39	7°14	9° 8
S 22	8 3 30	1°41'55	2♁12	25°24	11°45	8° 0	18° 2	23° 7	13°53	21°53	1°58	28°D51	27°36	7°20	9°14
S 23	8 7 27	2°42'53	15°53	27° 3	12°14	8°30	17°55	23°14	13°52	21°52	1°58	28°51	27°33	7°27	9°20
M24	8 11 24	3°43'49	29°56	28°42	12°41	8°59	17°47	23°21	13°50	21°51	1°58	28°53	27°30	7°34	9°25
T 25	8 15 20	4°44'45	14♁20	0♁23	13° 7	9°28	17°40	23°28	13°49	21°50	1°58	28°54	27°27	7°40	9°31
W26	8 19 17	5°45'39	29° 5	2° 4	13°31	9°58	17°33	23°35	13°48	21°49	1°58	28°R55	27°24	7°47	9°36
T 27	8 23 13	6°46'33	14♁ 3	3°46	13°53	10°28	17°25	23°42	13°47	21°48	1°59	28°54	27°20	7°54	9°42
F 28	8 27 10	7°47'24	29° 9	5°28	14°13	10°58	17°18	23°50	13°45	21°47	1°59	28°51	27°17	8° 0	9°47
S 29	8 31 6	8°48'15	14♁13	7°12	14°31	11°28	17°11	23°57	13°44	21°46	1°59	28°46	27°14	8° 7	9°53
S 30	8 35 3	9°49'04	29° 5	8°56	14°48	11°58	17° 4	24° 4	13°43	21°45	1°59	28°40	27°11	8°13	9°58
MB1	8 39 0	10♁49'53	13♁37	10♁40	15♁ 1	12♁29	16°E57	24♁11	13♁42	21♁44	2♁ 0	28♁33	27♁ 8	8♁20	10♁ 4

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	23s 5	21n48	3n11	23s15	0n 3	13s10	0s33	12n 2	1n 4	22n13	0n21	15s50	1s19	22n39	0n 3	4n17	1n14	3s19	16s29	23n29	23n29	23s58	17s13	6n 5
S 2	23 0	18 25	4 10	23 27	0s 4	12 46	0 26	12 11	1 5	22 14	0 21	15 48	1 19	22 39	0 3	4 17	1 14	3 19	16 29	23 29	23 29	23 58	17 13	6 5
M 3	22 55	13 59	4 50	23 37	0 12	12 21	0 19	12 21	1 6	22 16	0 21	15 46	1 19	22 38	0 3	4 17	1 15	3 18	16 29	23 29	23 29	23 59	17 13	6 5
T 4	22 49	8 57	5 13	23 47	0 19	11 56	0 11	12 30	1 7	22 17	0 21	15 44	1 19	22 38	0 3	4 17	1 15	3 18	16 28	23 29	23 29	23 59	17 12	6 5
W 5	22 43	3 39	5 16	23 55	0 26	11 31	0 4	12 40	1 8	22 18	0 22	15 42	1 19	22 38	0 3	4 18	1 15	3 18	16 28	23 29	23 29	24 0	17 12	6 5
T 6	22 36	1s38	5 4	24 2	0 33	11 6	0n 4	12 50	1 8	22 20	0 22	15 40	1 19	22 38	0 3	4 18	1 15	3 18	16 28	23 29	23 29	24 1	17 11	6 5
F 7	22 29	6 43	4 36	24 8	0 40	10 42	0 12	12 59	1 9	22 21	0 22	15 38	1 19	22 37	0 3	4 18	1 15	3 17	16 27	23 29	23 29	24 1	17 11	6 5
S 8	22 21	11 24	3 57	24 13	0 46	10 17	0 20	13 9	1 10	22 22	0 22	15 35	1 19	22 37	0 3	4 18	1 15	3 17	16 27	23 29	23 29	24 2	17 10	6 6
S 9	22 13	15 34	3 7	24 16	0 52	9 52	0 29	13 19	1 11	22 24	0 22	15 33	1 19	22 37	0 3	4 18	1 15	3 17	16 27	23 29	23 29	24 2	17 10	6 6
M10	22 4 19	2 11	24 19	0 58	9 27	0 38	13 29	1 12	22 25	0 22	15 31	1 19	22 37	0 3	4 19	1 15	3 17	16 26	23 29	23 29	24 3	17 9	6 6	
T 11	21 55	21 42	1 9	24 20	1 4	9 3	0 46	13 38	1 13	22 26	0 22	15 29	1 19	22 36	0 3	4 19	1 15	3 16	16 26	23 29	23 29	24 4	17 9	6 6
W12	21 46	23 25	0 4	24 19	1 10	8 38	0 55	13 48	1 13	22 28	0 22	15 27	1 19	22 36	0 3	4 19	1 15	3 16	16 26	23 29	23 29	24 4	17 8	6 6
T 13	21 36	24 5	1s 1	24 17	1 16	8 14	1 5	13 58	1 14	22 29	0 23	15 25	1 19	22 36	0 3	4 20	1 15	3 16	16 25	23 29	23 29	24 5	17 8	6 6
F 14	21 26	23 40	2 3	24 14	1 21	7 49	1 14	14 8	1 15	22 30	0 23	15 23	1 19	22 36	0 3	4 20	1 15	3 15	16 25	23 29	23 29	24 5	17 7	6 6
S 15	21 15	22 11	3 0	24 10	1 26	7 25	1 24	14 18	1 15	22 31	0 23	15 20	1 19	22 36	0 3	4 20	1 15	3 15	16 24	23 29	23 28	24 6	17 7	6 7
S 16	21 4 19	41 3	50 24	4 1 31	7 1	1 34	14 28	1 16	22 33	0 23	15 18	1 19	22 35	0 3	4 20	1 15	3 15	16 24	23 29	23 28	24 6	17 6	6 7	
M17	20 53	16 18	4 29	23 56	1 35	6 38	1 44	14 38	1 17	22 34	0 23	15 16	1 19	22 35	0 3	4 21	1 15	3 14	16 24	23 29	23 28	24 7	17 6	6 7
T 18	20 41	12 11	4 57	23 48	1 39	6 14	1 55	14 48	1 17	22 35	0 23	15 14	1 19	22 35	0 3	4 21	1 15	3 14	16 23	23 29	23 28	24 7	17 5	6 7
W19	20 28	7 30	5 11	23 37	1 43	5 51	2 5	14 58	1 18	22 36	0 23	15 12	1 19	22 35	0 3	4 22	1 15	3 14	16 23	23 29	23 28	24 8	17 5	6 7
T 20	20 16	2 26	5 11	23 25	1 47	5 28	2 16	15 8	1 18	22 37	0 23	15 9	1 19	22 35	0 3	4 22	1 15	3 13	16 23	23 29	23 28	24 8	17 4	6 8
F 21	20 3	2n52	4 54	23 12	1 50	5 6	2 27	15 18	1 19	22 39	0 24	15 7	1 19	22 34	0 3	4 22	1 15	3 13	16 22	23 29	23 28	24 9	17 3	6 8
S 22	19 49	8 10	4 22	22 57	1 53	4 44	2 39	15 28	1 20	22 40	0 24	15 5	1 19	22 34	0 3	4 23	1 15	3 13	16 22	23 29	23 28	24 9	17 3	6 8
S 23	19 36	13 13	3 34	22 41	1 56	4 22	2 50	15 38	1 20	22 41	0 24	15 3	1 19	22 34	0 3	4 23	1 15	3 12	16 22	23 29	23 28	24 10	17 2	6 8
M24	19 22	17 42	2 32	22																				

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T 1	8 42 56	11 ^h 50'40	27 ^m 44	12 ^s 26	15 ^h 13	13 ^h 0	16°R51	24 ^h 18	13°R41	21°R43	2 ^h 0	28°R27	27 ^h 4	8 ^h 27	10 ^h 9								
W 2	8 46 53	12°51'26	11 ^h 22	14°12	15°23	13°30	16 ^h 44	24°25	13 ^h 40	21 ^m 42	2° 1	28 ^h 21	27° 1	8°33	10°14								
T 3	8 50 49	13°52'11	24°32	15°59	15°30	14° 1	16°38	24°32	13°39	21°40	2° 1	28°17	26°58	8°40	10°20								
F 4	8 54 46	14°52'55	7 ^m 16	17°46	15°35	14°32	16°31	24°40	13°38	21°39	2° 1	28°15	26°55	8°47	10°25								
S 5	8 58 42	15°53'38	19°38	19°35	15°37	15° 3	16°25	24°47	13°37	21°38	2° 2	28°D15	26°52	8°53	10°30								
S 6	9 2 39	16°54'21	1 ^h 44	21°23	15°R37	15°35	16°19	24°54	13°36	21°37	2° 2	28°16	26°49	9° 0	10°35								
M 7	9 6 35	17°55'01	13°37	23°13	15°35	16° 6	16°13	25° 1	13°36	21°35	2° 3	28°17	26°45	9° 7	10°40								
T 8	9 10 32	18°55'41	25°25	25° 3	15°30	16°38	16° 7	25° 8	13°35	21°34	2° 3	28°R18	26°42	9°13	10°45								
W 9	9 14 29	19°56'20	7 ^h 10	26°53	15°23	17°10	16° 2	25°16	13°34	21°33	2° 4	28°18	26°39	9°20	10°50								
T 10	9 18 25	20°56'57	18°59	28°43	15°13	17°41	15°56	25°23	13°34	21°31	2° 4	28°15	26°36	9°27	10°55								
F 11	9 22 22	21°57'33	0 ^h 53	0 ^h 34	15° 0	18°13	15°51	25°30	13°33	21°30	2° 5	28°10	26°33	9°33	11° 0								
S 12	9 26 18	22°58'07	12°55	2°25	14°46	18°45	15°46	25°38	13°33	21°29	2° 5	28° 3	26°30	9°40	11° 5								
S 13	9 30 15	23°58'40	25° 8	4°15	14°28	19°18	15°41	25°45	13°32	21°27	2° 6	27°53	26°26	9°47	11°10								
M14	9 34 11	24°59'11	7 ^h 32	6° 5	14° 9	19°50	15°36	25°52	13°32	21°26	2° 7	27°43	26°23	9°53	11°15								
T 15	9 38 8	25°59'41	20° 7	7°54	13°46	20°22	15°31	25°59	13°32	21°24	2° 7	27°31	26°20	10° 0	11°20								
W16	9 42 4	27° 0'09	2 ^h 54	9°42	13°22	20°55	15°27	26° 7	13°32	21°23	2° 8	27°21	26°17	10° 6	11°24								
T 17	9 46 1	28° 0'35	15°53	11°29	12°56	21°28	15°22	26°14	13°31	21°21	2° 8	27°12	26°14	10°13	11°29								
F 18	9 49 57	29° 0'59	29° 4	13°14	12°27	22° 0	15°18	26°21	13°31	21°20	2° 9	27° 6	26°10	10°20	11°34								
S 19	9 53 54	0 ^h 1'21	12 ^h 28	14°56	11°57	22°33	15°14	26°28	13°31	21°18	2°10	27° 2	26° 7	10°26	11°38								
S 20	9 57 51	1° 1'41	26° 6	16°36	11°25	23° 6	15°11	26°36	13°D31	21°17	2°11	27°D 0	26° 4	10°33	11°43								
M21	10 1 47	2° 1'59	9 ^h 58	18°13	10°51	23°39	15° 7	26°43	13°31	21°15	2°11	27° 0	26° 1	10°40	11°47								
T 22	10 5 44	3° 2'15	24° 6	19°45	10°17	24°12	15° 4	26°50	13°31	21°14	2°12	27°R 1	25°58	10°46	11°51								
W23	10 9 40	4° 2'30	8 ^h 29	21°14	9°41	24°45	15° 0	26°57	13°31	21°12	2°13	27° 0	25°55	10°53	11°56								
T 24	10 13 37	5° 2'42	23° 3	22°37	9° 4	25°19	14°57	27° 5	13°31	21°11	2°14	26°58	25°51	11° 0	12° 0								
F 25	10 17 33	6° 2'52	7 ^h 46	23°55	8°27	25°52	14°54	27°12	13°32	21° 9	2°15	26°53	25°48	11° 6	12° 4								
S 26	10 21 30	7° 3'00	22°30	25° 6	7°49	26°25	14°52	27°19	13°32	21° 7	2°15	26°45	25°45	11°13	12° 8								
S 27	10 25 27	8° 3'06	7 ^h 8	26°11	7°11	26°59	14°49	27°26	13°32	21° 6	2°16	26°35	25°42	11°20	12°12								
M28	10 29 23	9 ^h 3'10	21 ^h 32	27 ^h 8	6 ^h 33	27 ^h 33	14 ^h 47	27 ^h 34	13 ^h 33	21 ^m 4	2 ^h 17	26 ^h 33	25 ^h 39	11 ^h 26	12 ^h 16								

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	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	decl	lat		
T 1	17s16	5n38	5n10	19s 5	2s 3	1s31	4n41	17n 7	1n24	22n50	0n25	14s42	1s19	22n33	0n 3	4n27	1n16	3s 8	16s18	23n29	23n27	24s14	16s56	6n11																				
W 2	16 59	0 7	5 2	18 33	2 2	1 15	4 54	17 16	1 25	22 51	0 25	14 39	1 19	22 33	0 4	4 28	1 16	3 8	16 18	23 29	23 27	24 15	16 56	6 11																				
T 3	16 42	5s13	4 38	17 59	2 0	1 0	5 7	17 26	1 25	22 52	0 25	14 37	1 19	22 33	0 4	4 28	1 16	3 7	16 18	23 29	23 27	24 15	16 55	6 12																				
F 4	16 24	10 10	4 1	17 24	1 58	0 46	5 20	17 36	1 25	22 53	0 25	14 34	1 19	22 33	0 4	4 29	1 16	3 7	16 17	23 29	23 27	24 15	16 54	6 12																				
S 5	16 6	14 34	3 14	16 48	1 55	0 33	5 33	17 45	1 26	22 54	0 25	14 32	1 19	22 32	0 4	4 29	1 16	3 7	16 17	23 29	23 27	24 16	16 53	6 12																				
S 6	15 48	18 17	2 19	16 10	1 51	0 21	5 46	17 55	1 26	22 54	0 25	14 30	1 19	22 32	0 4	4 30	1 16	3 6	16 17	23 29	23 27	24 16	16 53	6 13																				
M 7	15 30	21 11	1 19	15 30	1 47	0 10	5 59	18 4	1 26	22 55	0 25	14 27	1 19	22 32	0 4	4 30	1 16	3 6	16 16	23 29	23 27	24 17	16 52	6 13																				
T 8	15 11	23 9	0 16	14 49	1 43	0 0	6 12	18 14	1 27	22 56	0 25	14 25	1 19	22 32	0 4	4 31	1 16	3 5	16 16	23 29	23 27	24 17	16 51	6 13																				
W 9	14 52	24 5	0s48	14 6	1 38	0n 8	6 25	18 23	1 27	22 57	0 25	14 22	1 19	22 32	0 4	4 31	1 16	3 5	16 16	23 29	23 27	24 17	16 50	6 14																				
T 10	14 33	23 57	1 49	13 23	1 32	0 16	6 37	18 32	1 27	22 58	0 26	14 20	1 20	22 32	0 4	4 32	1 16	3 4	16 15	23 29	23 27	24 18	16 50	6 14																				
F 11	14 13	22 42	2 46	12 38	1 26	0 23	6 49	18 42	1 27	22 58	0 26	14 18	1 20	22 32	0 4	4 33	1 16	3 4	16 15	23 29	23 27	24 18	16 49	6 14																				
S 12	13 53	20 25	3 36	11 51	1 18	0 28	7 1	18 51	1 28	22 59	0 26	14 15	1 20	22 32	0 4	4 33	1 16	3 3	16 15	23 29	23 27	24 19	16 48	6 15																				
S 13	13 33	17 12	4 17	11 4	1 11	0 32	7 13	19 0	1 28	23 0	0 26	14 13	1 20	22 32	0 4	4 34	1 16	3 3	16 14	23 28	23 27	24 19	16 47	6 15																				
M14	13 13	13 11	4 46	10 16	1 2	0 35	7 24	19 9	1 28	23 0	0 26	14 10	1 20	22 32	0 4	4 34	1 16	3 2	16 14	23 28	23 26	24 19	16 47	6 15																				
T 15	12 53	8 33	5 2	9 27	0 53	0 36	7 35	19 18	1 28	23 1	0 26	14 8	1 20	22 32	0 4	4 35	1 16	3 2	16 14	23 28	23 26	24 20	16 46	6 16																				
W16	12 32	3 29	5 3	8 37	0 43	0 37	7 45	19 27	1 29	23 1	0 26	14 6	1 20	22 32	0 4	4 36	1 16	3 1	16 13	23 28	23 26	24 20	16 45	6 16																				
T 17	12 11	1n49	4 48	7 47	0 33	0 36	7 55	19 36	1 29	23 2	0 26	14 3	1 20	22 32	0 4	4 36	1 16	3 1	16 13	23 28	23 26	24 20	16 44	6 17																				
F 18	11 50	7 8	4 19	6 57	0 22	0 33	8 4	19 44	1 29	23 2	0 26	14 1	1 20	22 32	0 4	4 37	1 16	3 0	16 13	23 27	23 26	24 21	16 43	6 17																				
S 19	11 29	12 12	3 34	6 6	0 10	0 29	8 12	19 53	1 29	23 3	0 26	13 58	1 20	22 32	0 4	4 37	1 16	3 0	16 12	23 27	23 26	24 21	16 43	6 18																				
S 20	11 8	16 46	2 37	5 16	0n 2	0 24	8 20	20 2	1 29	23 3	0 26	13 56	1 20	22 32	0 4	4 38	1 16	2 59	16 12	23 27	23 26	24 21	16 42	6 18																				
M21	10 46	20 31	1 30	4 27	0 15	0 18	8 26	20 10	1 30	23 4	0 26	13 53	1 20	22 32	0 4	4 39	1 16	2 59	16 12	23 27	23 26	24 22	16 41	6 18																				
T 22	10 25	23 6	0 16	3 38	0 28	0 11	8 32	20 19	1 30	23 4	0 26	13 51	1 20	22 32	0 4	4 39	1 16	2 58	16 11	23 27	23 26	24 22	16 40	6 19																				
W23	10 3 24	14	1n 1	2 51	0 42	0 2	8 37	20 27	1 30	23 5	0 26	13 49	1 20	22 32	0 4	4 40	1 16	2 57	16 11	23 27	23 26	24 22	16 39	6 19																				
T 24	9 41	23 43	2 14	2 5	0 56	0s 8	8 41	20 35	1 30	23 5	0 26	13 46	1 20	22 32	0 4	4 41	1 17	2 57	16 11	23 27	23 26	24 23	16 39	6 20																				
F 25	9 19	21 34	3 19	1 21	1 10	0 19	8 44	20 44	1 30	23 6	0 26	13 44	1 20	22 32	0 4	4 41	1 17	2 56	16 11	23 27	23 25	24 23	16 38	6 20																				
S 26	8 56	17 59	4 10	0 40	1 24	0 30	8 46	20 52	1 30	23 6	0 27	13 41	1 21	22 32	0 4	4 42	1 17	2 56	16 10	23 27	23 25	24 23	16 37	6 21																				
S 27	8 34	13 19	4 45	0 1	1 39	0 43	8 48	21 0	1 31	23 6	0 27	13 39	1 21	22 32	0 4	4 43	1 17	2 55	16 10	23 27	23 25	24 23	16 36	6 21																				
M28	8s12	7n58	5n 1	0n35	1n53	0s57	8n48	21n 7	1n31	23n 7	0n27	13s37	1s21	22n32	0n 4																													

SWISS EPHEMERIS for the year 1611

MARCH 1611 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅
T 1	10 33 20	10 ^h 31'2"	5 ^h 35'	27 ^h 57'	5 ^h R56	28 ^h 6'	14 ^h R45	27 ^h 41'	13 ^h 33'	21 ^h R 3	2 ^h 18'	26 ^h R12	25 ^h 35'	11 ^h 33'	12 ^h 20'	
W 2	10 37 16	11 ^h 3'12"	19 ^h 15'	28 ^h 39'	5 ^h 20'	28 ^h 40'	14 ^h 34'	27 ^h 48'	13 ^h 34'	21 ^h 11'	2 ^h 19'	26 ^h 12'	25 ^h 32'	11 ^h 40'	12 ^h 24'	
T 3	10 41 13	12 ^h 3'11"	2 ^h 28'	29 ^h 11'	4 ^h 44'	29 ^h 14'	14 ^h 41'	27 ^h 55'	13 ^h 34'	20 ^h 59'	2 ^h 20'	25 ^h 54'	25 ^h 29'	11 ^h 46'	12 ^h 28'	
F 4	10 45 9	13 ^h 3'08"	15 ^h 16'	29 ^h 36'	4 ^h 10'	29 ^h 48'	14 ^h 40'	28 ^h 2'	13 ^h 35'	20 ^h 58'	2 ^h 21'	25 ^h 48'	25 ^h 26'	11 ^h 53'	12 ^h 32'	
S 5	10 49 6	14 ^h 3'04"	27 ^h 41'	29 ^h 51'	3 ^h 37'	0 ^h 21'	14 ^h 39'	28 ^h 9'	13 ^h 35'	20 ^h 56'	2 ^h 22'	25 ^h 45'	25 ^h 23'	12 ^h 0'	12 ^h 36'	
S 6	10 53 2	15 ^h 2'58"	9 ^h 49'	29 ^h R57	3 ^h 6'	0 ^h 55'	14 ^h 38'	28 ^h 16'	13 ^h 36'	20 ^h 54'	2 ^h 23'	25 ^h 44'	25 ^h 20'	12 ^h 6'	12 ^h 39'	
M 7	10 56 59	16 ^h 2'50"	21 ^h 45'	29 ^h 54'	2 ^h 36'	1 ^h 30'	14 ^h 37'	28 ^h 23'	13 ^h 37'	20 ^h 53'	2 ^h 24'	25 ^h 44'	25 ^h 16'	12 ^h 13'	12 ^h 43'	
T 8	11 0 55	17 ^h 2'40"	3 ^h 33'	29 ^h 43'	2 ^h 9'	2 ^h 4'	14 ^h 36'	28 ^h 30'	13 ^h 38'	20 ^h 51'	2 ^h 25'	25 ^h 44'	25 ^h 13'	12 ^h 19'	12 ^h 46'	
W 9	11 4 52	18 ^h 2'29"	15 ^h 21'	29 ^h 24'	1 ^h 43'	2 ^h 38'	14 ^h 35'	28 ^h 37'	13 ^h 39'	20 ^h 49'	2 ^h 26'	25 ^h 43'	25 ^h 10'	12 ^h 26'	12 ^h 50'	
T 10	11 8 49	19 ^h 2'16"	27 ^h 11'	28 ^h 57'	1 ^h 20'	3 ^h 12'	14 ^h 35'	28 ^h 44'	13 ^h 39'	20 ^h 48'	2 ^h 27'	25 ^h 39'	25 ^h 7'	12 ^h 33'	12 ^h 53'	
F 11	11 12 45	20 ^h 2'01"	9 ^h 10'	28 ^h 24'	0 ^h 59'	3 ^h 46'	14 ^h D35	28 ^h 51'	13 ^h 40'	20 ^h 46'	2 ^h 28'	25 ^h 33'	25 ^h 4'	12 ^h 39'	12 ^h 56'	
S 12	11 16 42	21 ^h 1'44"	21 ^h 21'	27 ^h 44'	0 ^h 40'	4 ^h 21'	14 ^h 35'	28 ^h 58'	13 ^h 41'	20 ^h 44'	2 ^h 29'	25 ^h 24'	25 ^h 1'	12 ^h 46'	13 ^h 0'	
S 13	11 20 38	22 ^h 1'26"	3 ^h 45'	26 ^h 59'	0 ^h 23'	4 ^h 55'	14 ^h 35'	29 ^h 5'	13 ^h 43'	20 ^h 43'	2 ^h 30'	25 ^h 12'	24 ^h 57'	12 ^h 53'	13 ^h 3'	
M14	11 24 35	23 ^h 1'05"	16 ^h 25'	26 ^h 10'	0 ^h 9'	5 ^h 30'	14 ^h 36'	29 ^h 12'	13 ^h 44'	20 ^h 41'	2 ^h 31'	24 ^h 59'	24 ^h 54'	12 ^h 59'	13 ^h 6'	
T 15	11 28 31	24 ^h 0'43"	29 ^h 19'	25 ^h 18'	29 ^h 58'	6 ^h 4'	14 ^h 36'	29 ^h 19'	13 ^h 45'	20 ^h 39'	2 ^h 32'	24 ^h 46'	24 ^h 51'	13 ^h 6'	13 ^h 9'	
W16	11 32 28	25 ^h 0'18"	12 ^h 28'	24 ^h 24'	29 ^h 49'	6 ^h 39'	14 ^h 37'	29 ^h 26'	13 ^h 46'	20 ^h 38'	2 ^h 33'	24 ^h 33'	24 ^h 48'	13 ^h 13'	13 ^h 12'	
T 17	11 36 24	25 ^h 59'51"	25 ^h 49'	23 ^h 29'	29 ^h 42'	7 ^h 13'	14 ^h 38'	29 ^h 33'	13 ^h 47'	20 ^h 36'	2 ^h 34'	24 ^h 22'	24 ^h 45'	13 ^h 19'	13 ^h 15'	
F 18	11 40 21	26 ^h 59'22"	9 ^h 21'	22 ^h 35'	29 ^h 38'	7 ^h 48'	14 ^h 39'	29 ^h 39'	13 ^h 49'	20 ^h 34'	2 ^h 35'	24 ^h 13'	24 ^h 41'	13 ^h 26'	13 ^h 18'	
S 19	11 44 18	27 ^h 58'51"	23 ^h 2'	21 ^h 43'	29 ^h D36	8 ^h 23'	14 ^h 41'	29 ^h 46'	13 ^h 50'	20 ^h 33'	2 ^h 37'	24 ^h 8'	24 ^h 38'	13 ^h 33'	13 ^h 20'	
S 20	11 48 14	28 ^h 58'18"	6 ^h 11'50"	20 ^h 53'	29 ^h 37'	8 ^h 58'	14 ^h 42'	29 ^h 53'	13 ^h 51'	20 ^h 31'	2 ^h 38'	24 ^h 5'	24 ^h 35'	13 ^h 39'	13 ^h 23'	
M21	11 52 11	29 ^h 57'42"	20 ^h 46'	20 ^h 7'	29 ^h 39'	9 ^h 33'	14 ^h 44'	29 ^h 59'	13 ^h 53'	20 ^h 29'	2 ^h 39'	24 ^h 5'	24 ^h 32'	13 ^h 46'	13 ^h 26'	
T 22	11 56 7	0 ^h 57'04"	4 ^h 39'	19 ^h 24'	29 ^h 45'	10 ^h 7'	14 ^h 46'	0 ^h 36'	13 ^h 54'	20 ^h 28'	2 ^h 40'	24 ^h 5'	24 ^h 29'	13 ^h 53'	13 ^h 28'	
W23	12 0 4	1 ^h 56'24"	18 ^h 58'	18 ^h 47'	29 ^h 52'	10 ^h 42'	14 ^h 48'	0 ^h 13'	13 ^h 56'	20 ^h 26'	2 ^h 41'	24 ^h 4'	24 ^h 26'	13 ^h 59'	13 ^h 30'	
T 24	12 4 0	2 ^h 55'41"	3 ^h 12'	18 ^h 14'	0 ^h 32'	11 ^h 17'	14 ^h 51'	0 ^h 19'	13 ^h 58'	20 ^h 25'	2 ^h 43'	24 ^h 1'	24 ^h 22'	14 ^h 6'	13 ^h 33'	
F 25	12 7 57	3 ^h 54'56"	17 ^h 30'	17 ^h 47'	0 ^h 14'	11 ^h 52'	14 ^h 53'	0 ^h 26'	13 ^h 59'	20 ^h 23'	2 ^h 44'	23 ^h 56'	24 ^h 19'	14 ^h 13'	13 ^h 35'	
S 26	12 11 53	4 ^h 54'08"	1 ^h 47'	17 ^h 26'	0 ^h 28'	12 ^h 27'	14 ^h 56'	0 ^h 32'	14 ^h 1'	20 ^h 21'	2 ^h 45'	23 ^h 48'	24 ^h 16'	14 ^h 19'	13 ^h 37'	
S 27	12 15 50	5 ^h 53'18"	15 ^h 59'	17 ^h 10'	0 ^h 44'	13 ^h 3'	14 ^h 59'	0 ^h 38'	14 ^h 3'	20 ^h 20'	2 ^h 46'	23 ^h 38'	24 ^h 13'	14 ^h 26'	13 ^h 39'	
M28	12 19 47	6 ^h 52'26"	0 ^h 16'	17 ^h 0'	1 ^h 2'	13 ^h 38'	15 ^h 2'	0 ^h 45'	14 ^h 5'	20 ^h 18'	2 ^h 47'	23 ^h 26'	24 ^h 10'	14 ^h 33'	13 ^h 41'	
T 29	12 23 43	7 ^h 51'32"	13 ^h 46'	16 ^h D55	1 ^h 21'	14 ^h 13'	15 ^h 5'	0 ^h 51'	14 ^h 6'	20 ^h 17'	2 ^h 49'	23 ^h 14'	24 ^h 7'	14 ^h 39'	13 ^h 43'	
W30	12 27 40	8 ^h 50'36"	27 ^h 13'	16 ^h 56'	1 ^h 43'	14 ^h 48'	15 ^h 9'	0 ^h 57'	14 ^h 8'	20 ^h 15'	2 ^h 50'	23 ^h 3'	24 ^h 3'	14 ^h 46'	13 ^h 45'	
T 31	12 31 36	9 ^h 49'38"	10 ^h 19'	17 ^h 33'	2 ^h 37'	15 ^h 23'	15 ^h 21'	1 ^h 34'	14 ^h 10'	20 ^h 14'	2 ^h 51'	22 ^h 55'	24 ^h 11'	14 ^h 53'	13 ^h 47'	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	7s49	2n20	4n58	1n 7	2n 7	1s11	8n47	21n15	1n31	23n 7	0n27	13s34	1s21	22n32	0n 4	4n44	1n17	2s54	16s 9	23n26	23n25	24s24	16s34	6n22
W 2	7 26	3s16	4 38	1 36	2 20	1 26	8 45	21 23	1 31	23 7	0 27	13 32	1 21	22 32	0 4	4 45	1 17	2 54	16 9	23 26	23 25	24 24	16 34	6 23
T 3	7 3	8 33	4 3	2 1	2 33	1 41	8 42	21 30	1 31	23 7	0 27	13 29	1 21	22 32	0 4	4 45	1 17	2 53	16 9	23 26	23 25	24 25	16 33	6 23
F 4	6 40	13 18	3 17	2 22	2 45	1 57	8 38	21 38	1 31	23 8	0 27	13 27	1 21	22 32	0 4	4 46	1 17	2 52	16 9	23 25	23 25	24 25	16 32	6 24
S 5	6 17	17 22	2 23	2 38	2 57	2 13	8 34	21 45	1 31	23 8	0 27	13 25	1 21	22 32	0 4	4 47	1 17	2 52	16 8	23 25	23 25	24 25	16 31	6 24
S 6	5 54	20 36	1 23	2 50	3 7	2 29	8 28	21 52	1 31	23 8	0 27	13 22	1 21	22 33	0 4	4 47	1 17	2 51	16 8	23 25	23 24	24 25	16 30	6 25
M 7	5 31	22 53	0 21	2 57	3 16	2 45	8 22	22 0	1 31	23 8	0 27	13 20	1 21	22 33	0 4	4 48	1 17	2 51	16 8	23 25	23 24	24 25	16 29	6 25
T 8	5 8	24 8	0s41	3 0	3 23	3 1	8 15	22 7	1 31	23 8	0 27	13 17	1 21	22 33	0 4	4 49	1 17	2 50	16 8	23 25	23 24	24 26	16 29	6 26
W 9	4 44	24 18	1 42	2 57	3 29	3 17	8 8	22 13	1 31	23 8	0 27	13 15	1 22	22 33	0 4	4 49	1 17	2 50	16 7	23 25	23 24	24 26	16 28	6 26
T 10	4 21	23 21	2 38	2 51	3 33	3 33	7 59	22 20	1 31	23 8	0 27	13 13	1 22	22 33	0 4	4 50	1 17	2 49	16 7	23 25	23 24	24 26	16 27	6 27
F 11	3 57	21 21	3 28	2 40	3 36	3 48	7 51	22 27	1 32	23 8	0 27	13 10	1 22	22 33	0 4	4 51	1 17	2 49	16 7	23 25	23 24	24 26	16 26	6 27
S 12	3 34	18 21	4 9	2 24	3 36	4 4	7 41	22 33	1 32	23 8	0 27	13 8	1 22	22 33	0 4	4 51	1 17	2 48	16 7	23 25	23 24	24 27	16 25	6 28
S 13	3 10	14 29	4 40	2 5	3 35	4 19	7 32	22 40	1 32	23 8	0 27	13 6	1 22	22 33	0 4	4 52	1 17	2 47	16 6	23 24	23 24	24 27	16 24	6 28
M14	2 47	9 55	4 57	1 43	3 32	4 33	7 21	22 46	1 32	23 8	0 27	13 3	1 22	22 34	0 4	4 53	1 17	2 47	16 6	23 24	23 24	24 27	16 24	6 29
T 15	2 23	4 50	4 49	1 17	3 27	4 47	7 11	22 52	1 32	23 8	0 27	13 1	1 22	22 34	0 4	4 53	1 17	2 46	16 6	23 23	23 24	24 27	16 23	6 29
W16	1 59	0n33	4 46	0 50	3 20	5 0	7 0	22 58	1 32	23 8	0 27	12 59	1 22	22 34	0 4	4 54	1 17	2 46	16 6	23 23	23 23	24 27	16 22	6 30
T 17	1 36	6 1	4 17	0 20	3 11	5 13	6 49	23 4	1 32	23 8	0 27	12 57	1 22	22 34	0 4	4 55	1 17	2 45	16 5	23 22	23 23	24 27	16 21	6 30
F 18	1 12	11 16	3 33	0s11	3 1	5 25																		

SWISS EPHEMERIS for the year 1611

APRIL 1611 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	12 35 33	10°48'38"	23°4'	17°15'	2°32'	15°58'	15°16'	1°10'	14°12'	20°12'	2°52'	22°48'	23°57'	14°59'	13°49'
S 2	12 39 29	11°47'36"	5°29'	17°31'	2°59'	16°34'	15°20'	1°16'	14°14'	20°10'	2°54'	22°45'	23°54'	15° 6'	13°50'
S 3	12 43 26	12°46'33"	17°38'	17°53'	3°27'	17° 9'	15°24'	1°22'	14°16'	20° 9'	2°55'	22°D44	23°51'	15°12'	13°52'
M 4	12 47 22	13°45'28"	29°35'	18°19'	3°57'	17°44'	15°28'	1°28'	14°18'	20° 7'	2°56'	22°44'	23°47'	15°19'	13°53'
T 5	12 51 19	14°44'21"	11°25'	18°50'	4°29'	18°20'	15°33'	1°34'	14°20'	20° 6'	2°58'	22°R44	23°44'	15°26'	13°55'
W 6	12 55 16	15°43'12"	23°14'	19°25'	5° 2'	18°55'	15°38'	1°40'	14°23'	20° 4'	2°59'	22°44'	23°41'	15°32'	13°56'
T 7	12 59 12	16°42'01"	5°27'	20° 4'	5°36'	19°31'	15°42'	1°46'	14°25'	20° 3'	3° 0'	22°42'	23°38'	15°39'	13°57'
F 8	13 3 9	17°40'49"	17° 9'	20°46'	6°11'	20° 6'	15°47'	1°52'	14°27'	20° 2'	3° 2'	22°38'	23°35'	15°46'	13°59'
S 9	13 7 5	18°39'35"	29°24'	21°32'	6°48'	20°42'	15°52'	1°57'	14°29'	20° 0'	3° 3'	22°32'	23°32'	15°52'	14° 0'
S 10	13 11 2	19°38'19"	11°57'	22°22'	7°26'	21°17'	15°58'	2° 3'	14°32'	19°59'	3° 4'	22°23'	23°28'	15°59'	14° 1'
M11	13 14 58	20°37'01"	24°48'	23°15'	8° 5'	21°53'	16° 3'	2° 9'	14°34'	19°57'	3° 6'	22°13'	23°25'	16° 6'	14° 2'
T 12	13 18 55	21°35'41"	7°59'	24°11'	8°46'	22°29'	16° 9'	2°14'	14°37'	19°56'	3° 7'	22° 2'	23°22'	16°12'	14° 2'
W13	13 22 51	22°34'20"	21°28'	25°10'	9°27'	23° 4'	16°15'	2°20'	14°39'	19°55'	3° 8'	21°52'	23°19'	16°19'	14° 3'
T 14	13 26 48	23°32'56"	5°12'	26°11'	10° 9'	23°40'	16°20'	2°25'	14°42'	19°53'	3°10'	21°44'	23°16'	16°26'	14° 4'
F 15	13 30 44	24°31'31"	19° 9'	27°16'	10°53'	24°16'	16°26'	2°31'	14°44'	19°52'	3°11'	21°37'	23°12'	16°32'	14° 4'
S 16	13 34 41	25°30'04"	3°15'	28°23'	11°37'	24°51'	16°33'	2°36'	14°47'	19°51'	3°12'	21°34'	23° 9'	16°39'	14° 5'
S 17	13 38 38	26°28'34"	17°25'	29°32'	12°22'	25°27'	16°39'	2°41'	14°49'	19°49'	3°14'	21°D32	23° 6'	16°46'	14° 5'
M18	13 42 34	27°27'03"	1°37'	0°44'	13° 8'	26° 3'	16°46'	2°47'	14°52'	19°48'	3°15'	21°32'	23° 3'	16°52'	14° 6'
T 19	13 46 31	28°25'29"	15°48'	1°58'	13°55'	26°39'	16°52'	2°52'	14°55'	19°47'	3°16'	21°33'	23° 0'	16°59'	14° 6'
W20	13 50 27	29°23'53"	29°57'	3°15'	14°43'	27°15'	16°59'	2°57'	14°57'	19°46'	3°18'	21°R34	22°57'	17° 6'	14° 6'
T 21	13 54 24	0°22'15"	14°2'	4°33'	15°31'	27°50'	17° 6'	3° 2'	15° 0'	19°45'	3°19'	21°33'	22°53'	17°12'	14°R 6'
F 22	13 58 20	1°20'35"	28° 3'	5°54'	16°20'	28°26'	17°13'	3° 7'	15° 3'	19°43'	3°21'	21°30'	22°50'	17°19'	14° 6'
S 23	14 2 17	2°18'52"	11°57'	7°17'	17°10'	29° 2'	17°20'	3°12'	15° 6'	19°42'	3°22'	21°25'	22°47'	17°26'	14° 6'
S24	14 6 13	3°17'08"	25°42'	8°42'	18° 1'	29°38'	17°28'	3°16'	15° 8'	19°41'	3°23'	21°18'	22°44'	17°32'	14° 6'
M25	14 10 10	4°15'21"	9°17'	10° 9'	18°52'	0°14'	17°35'	3°21'	15°11'	19°40'	3°25'	21°11'	22°41'	17°39'	14° 6'
T 26	14 14 7	5°13'33"	22°38'	11°38'	19°44'	0°50'	17°43'	3°26'	15°14'	19°39'	3°26'	21° 3'	22°38'	17°46'	14° 5'
W27	14 18 3	6°11'43"	5°44'	13° 9'	20°36'	1°26'	17°50'	3°30'	15°17'	19°38'	3°27'	20°56'	22°34'	17°52'	14° 5'
T 28	14 22 0	7° 9'51"	18°34'	14°42'	21°30'	2° 2'	17°58'	3°35'	15°20'	19°37'	3°29'	20°50'	22°31'	17°59'	14° 4'
F 29	14 25 56	8° 7'57"	1°8'	16°16'	22°23'	2°38'	18° 6'	3°39'	15°23'	19°36'	3°30'	20°46'	22°28'	18° 6'	14° 4'
S 30	14 29 53	9° 6'02"	13°26'	17°53'	23°17'	3°14'	18°14'	3°44'	15°26'	19°35'	3°32'	20°44'	22°25'	18°12'	14°R 3'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n17	16s 9	2n31	5s23	0s22	6s57	3n54	24n16	1n31	23n 4	0n28	12s24	1s24	22n37	0n 4
S 2	4 40	19 47	1 30	5 29	0 35	6 58	3 43	24 19	1 31	23 4	0 28	12 22	1 25	22 37	0 4
S 3	5 3	22 28	0 27	5 32	0 48	6 58	3 32	24 23	1 31	23 3	0 28	12 20	1 25	22 38	0 4
M 4	5 26	24 6	0s36	5 33	1 0	6 57	3 21	24 26	1 31	23 3	0 28	12 18	1 25	22 38	0 4
T 5	5 49	24 37	1 38	5 31	1 11	6 56	3 11	24 29	1 31	23 3	0 28	12 16	1 25	22 38	0 4
W 6	6 12	24 2	2 35	5 27	1 22	6 54	3 0	24 32	1 31	23 2	0 28	12 14	1 25	22 38	0 4
T 7	6 35	22 21	3 26	5 21	1 32	6 51	2 50	24 35	1 31	23 1	0 28	12 12	1 25	22 39	0 4
F 8	6 57	19 40	4 8	5 13	1 42	6 47	2 40	24 38	1 31	23 1	0 28	12 10	1 25	22 39	0 4
S 9	7 20	16 4	4 40	5 3	1 50	6 43	2 30	24 40	1 31	23 0	0 28	12 8	1 26	22 39	0 4
S 10	7 42	11 42	4 59	4 51	1 58	6 38	2 20	24 43	1 31	23 0	0 28	12 6	1 26	22 39	0 4
M11	8 4	6 43	5 4	4 37	2 6	6 32	2 10	24 45	1 30	22 59	0 28	12 4	1 26	22 40	0 4
T 12	8 26	1 18	4 52	4 21	2 13	6 26	2 1	24 47	1 30	22 58	0 28	12 2	1 26	22 40	0 4
W13	8 48	4n17	4 25	4 3	2 19	6 19	1 51	24 49	1 30	22 58	0 28	12 0	1 26	22 40	0 4
T 14	9 10	9 48	3 42	3 44	2 25	6 12	1 42	24 50	1 30	22 57	0 28	11 59	1 26	22 41	0 4
F 15	9 31	14 55	2 44	3 23	2 30	6 4	1 33	24 52	1 30	22 56	0 28	11 57	1 27	22 41	0 4
S 16	9 53	19 16	1 36	3 0	2 34	5 55	1 25	24 53	1 30	22 56	0 28	11 55	1 27	22 41	0 4
S 17	10 14	22 32	0 22	2 36	2 38	5 46	1 16	24 55	1 30	22 55	0 28	11 53	1 27	22 41	0 4
M18	10 35	24 23	0n54	2 10	2 41	5 36	1 8	24 56	1 30	22 54	0 28	11 52	1 27	22 42	0 4
T 19	10 56	24 39	2 7	1 43	2 43	5 25	0 59	24 56	1 30	22 53	0 28	11 50	1 27	22 42	0 4
W20	11 17	23 19	3 11	1 14	2 45	5 15	0 51	24 57	1 29	22 52	0 28	11 48	1 27	22 42	0 4
T 21	11 38	20 33	4 4	0 44	2 47	5 3	0 44	24 58	1 29	22 52	0 28	11 47	1 28	22 43	0 4
F 22	11 58	16 35	4 42	0 13	2 47	4 51	0 36	24 58	1 29	22 51	0 28	11 45	1 28	22 43	0 4
S 23	12 18	11 46	5 3	0n20	2 48	4 38	0 28	24 58	1 29	22 50	0 28	11 43	1 28	22 43	0 4
S 24	12 38	6 24	5 6	0 54	2 47	4 25	0 21	24 58	1 29	22 49	0 28	11 42	1 28	22 44	0 4
M25	12 58	0 48	4 52	1 29	2 46	4 12	0 14	24 58	1 29	22 48	0 28	11 40	1 28	22 44	0 4
T 26	13 18	4s46	4 22	2 5	2 45	3 58	0 7	24 58	1 29	22 47	0 28	11 39	1 29	22 44	0 4
W27	13 37	10 1	3 39	2 42	2 43	3 44	0 0	24 57	1 29	22 46	0 28	11 37	1 29	22 45	0 4
T 28	13 56	14 44	2 45	3 21	2 40	3 29	0s 6	24 57	1 28	22 45	0 28	11 36	1 29	22 45	0 4
F 29	14 15	18 44	1 44	4 0	2 37	3 13	0 13	24 56	1 28	22 44	0 28	11 34	1 29	22 45	0 4
S 30	14n34	21s48	0n40	4n40	2s33	2s58	0s19	24n55	1n28	22n43	0n28	11s33	1s29	22n46	0n 4

Julian Day Number = 2309555.5, Delta T = 120.10 sec
 Ecliptic obliquity = 23°29'25", Nutation = - 0°00'18"
 Ayanamsha: Fagan/Bradley = 19°18'53", Lahiri = 18°25'53" Greg. Calendar

SWISS EPHEMERIS for the year 1611

MAY 1611 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	14 33 49	10♈ 4'06	25♊32	19♍32	24♋12	3♉50	18♄22	3♋48	15♂29	19♍34	3♉33	20♁44	22♂22	18♄19	14♍R 2
M 2	14 37 46	11° 2'08	7♋28	21°12	25° 7	4°26	18°31	3°52	15°32	19♍33	3°34	20♂45	22°18	18°26	14♄ 2
T 3	14 41 42	12° 0'08	19°18	22°55	26° 3	5° 2	18°39	3°56	15°35	19°32	3°36	20°47	22°15	18°32	14° 1
W 4	14 45 39	12°58'08	1♋ 8	24°39	27° 0	5°38	18°48	4° 0	15°38	19°31	3°37	20°48	22°12	18°39	14° 0
T 5	14 49 36	13°56'05	13° 2	26°26	27°56	6°15	18°57	4° 4	15°42	19°31	3°38	20°R49	22° 9	18°45	13°59
F 6	14 53 32	14°54'02	25° 4	28°14	28°53	6°51	19° 5	4° 8	15°45	19°30	3°40	20°48	22° 6	18°52	13°58
S 7	14 57 29	15°51'57	7♋21	0♉ 4	29°51	7°27	19°14	4°12	15°48	19°29	3°41	20°46	22° 3	18°59	13°56
S 8	15 1 25	16°49'51	19°55	1°57	0♍49	8° 3	19°23	4°16	15°51	19°28	3°42	20°43	21°59	19° 5	13°55
M 9	15 5 22	17°47'43	2♍51	3°51	1°47	8°39	19°33	4°20	15°54	19°28	3°44	20°38	21°56	19°12	13°54
T 10	15 9 18	18°45'35	16°10	5°47	2°46	9°16	19°42	4°23	15°58	19°27	3°45	20°33	21°53	19°19	13°52
W 11	15 13 15	19°43'24	29°52	7°45	3°45	9°52	19°51	4°27	16° 1	19°26	3°46	20°29	21°50	19°25	13°51
T 12	15 17 11	20°41'13	13♉54	9°45	4°45	10°28	20° 1	4°30	16° 4	19°26	3°48	20°24	21°47	19°32	13°49
F 13	15 21 8	21°39'00	28°13	11°46	5°45	11° 4	20°10	4°33	16° 7	19°25	3°49	20°22	21°44	19°39	13°48
S 14	15 25 5	22°36'46	12♂44	13°49	6°45	11°41	20°20	4°37	16°11	19°24	3°50	20°20	21°40	19°45	13°46
S 15	15 29 1	23°34'31	27°20	15°54	7°45	12°17	20°30	4°40	16°14	19°24	3°52	20°D20	21°37	19°52	13°44
M 16	15 32 58	24°32'14	11♉55	18° 1	8°46	12°53	20°40	4°43	16°18	19°23	3°53	20°21	21°34	19°59	13°42
T 17	15 36 54	25°29'56	26°25	20° 9	9°47	13°30	20°50	4°46	16°21	19°23	3°54	20°23	21°31	20° 5	13°40
W 18	15 40 41	26°27'36	10♌46	22°18	10°49	14° 6	21° 0	4°49	16°24	19°23	3°56	20°24	21°28	20°12	13°38
T 19	15 44 47	27°25'14	24°55	24°28	11°50	14°43	21°10	4°51	16°28	19°22	3°57	20°R24	21°24	20°19	13°36
F 20	15 48 44	28°22'50	8♍50	26°39	12°52	15°19	21°20	4°54	16°31	19°22	3°58	20°24	21°21	20°25	13°34
S 21	15 52 40	29°20'25	22°30	28°50	13°54	15°56	21°30	4°57	16°35	19°21	3°59	20°23	21°18	20°32	13°32
S 22	15 56 37	0♈17'59	5♌56	1♈ 2	14°57	16°32	21°41	4°59	16°38	19°21	4° 1	20°21	21°15	20°39	13°30
M 23	16 0 34	1°15'31	19° 8	3°14	15°59	17° 8	21°51	5° 2	16°41	19°21	4° 2	20°18	21°12	20°45	13°27
T 24	16 4 30	2°13'02	2♌ 5	5°25	17° 2	17°45	22° 2	5° 4	16°45	19°21	4° 3	20°15	21° 9	20°52	13°25
W 25	16 8 27	3°10'32	14°49	7°37	18° 5	18°21	22°12	5° 6	16°48	19°20	4° 4	20°13	21° 5	20°59	13°22
T 26	16 12 23	4° 8'01	27°20	9°47	19° 9	18°58	22°23	5° 8	16°52	19°20	4° 5	20°11	21° 2	21° 5	13°20
F 27	16 16 20	5° 5'28	9♊39	11°56	20°12	19°34	22°34	5°10	16°55	19°20	4° 7	20°10	20°59	21°12	13°17
S 28	16 20 16	6° 2'55	21°47	14° 5	21°16	20°11	22°45	5°12	16°59	19°20	4° 8	20°D10	20°56	21°19	13°15
S 29	16 24 13	7° 0'20	3♉47	16°11	22°20	20°48	22°56	5°14	17° 2	19°20	4° 9	20°10	20°53	21°25	13°12
M 30	16 28 9	7°57'45	15°40	18°16	23°25	21°24	23° 7	5°16	17° 6	19°20	4°10	20°11	20°50	21°32	13° 9
T 31	16 32 6	8♈55'09	27♋29	20♈19	24♍29	22♄ 1	23♄18	5♋17	17♂10	19°D20	4♉11	20♈12	20♈46	21♋39	13♄ 6

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	14n52	23s51	0s26	5n22	2s29	2s42	24n54	1n28	22n42	0n28	1s31	1s30	22n46	0n 4	5n18	1n16	2s22	16s 1	23n10	23n16	24s28	15s50	6n57	
M 2	15 10 24	46 1 30	6 4	2 24	2 25	0 31	24 53	1 28	22 41	0 28	11 30	1 30	22 46	0 4	5 19	1 16	2 22	16 1	23 10	23 16	24 28	15 49	6 58	
T 3	15 28 24	34 2 29	6 47	2 19	2 8	0 37	24 51	1 28	22 39	0 28	11 29	1 30	22 47	0 4	5 19	1 16	2 21	16 1	23 10	23 16	24 28	15 49	6 59	
W 4	15 46 23	14 3 22	7 31	2 13	1 51	0 43	24 50	1 27	22 38	0 28	11 27	1 30	22 47	0 4	5 19	1 16	2 21	16 1	23 10	23 16	24 28	15 48	6 59	
T 5	16 3 20	53 4 7	8 15	2 7	1 33	0 48	24 48	1 27	22 37	0 28	11 26	1 30	22 47	0 4	5 20	1 16	2 20	16 1	23 10	23 15	24 28	15 48	7 0	
F 6	16 20 17	36 4 41	9 0	2 0	1 15	0 53	24 46	1 27	22 36	0 28	11 25	1 31	22 48	0 4	5 20	1 16	2 20	16 1	23 10	23 15	24 28	15 47	7 0	
S 7	16 37 13	31 5 4	9 46	1 53	0 57	0 58	24 44	1 27	22 35	0 29	11 24	1 31	22 48	0 4	5 20	1 16	2 20	16 1	23 10	23 15	24 27	15 47	7 1	
S 8	16 54 8	47 5 12	10 32	1 45	0 39	1 3	24 41	1 27	22 33	0 29	11 23	1 31	22 48	0 4	5 21	1 16	2 19	16 1	23 10	23 15	24 27	15 46	7 1	
M 9	17 10 3	32 5 5	11 19	1 37	0 20	1 8	24 39	1 27	22 32	0 29	11 21	1 31	22 49	0 4	5 21	1 16	2 19	16 1	23 10	23 15	24 27	15 46	7 2	
T 10	17 26 2n	2 4 42	12 5	1 28	0 1	1 13	24 36	1 26	22 31	0 29	11 20	1 31	22 49	0 4	5 21	1 16	2 18	16 1	23 10	23 14	24 27	15 46	7 2	
W 11	17 42 7	40 4 2	12 52	1 19	0n19	1 17	24 33	1 26	22 29	0 29	11 19	1 32	22 49	0 4	5 21	1 16	2 18	16 1	23 9	23 14	24 27	15 45	7 3	
T 12	17 58 13	5 3 6	13 40	1 10	0 39	1 22	24 30	1 26	22 28	0 29	11 18	1 32	22 50	0 4	5 22	1 16	2 18	16 1	23 9	23 14	24 26	15 45	7 4	
F 13	18 13 17	53 1 58	14 27	1 0	0 59	1 26	24 27	1 26	22 27	0 29	11 17	1 32	22 50	0 4	5 22	1 16	2 17	16 1	23 8	23 14	24 26	15 44	7 4	
S 14	18 28 21	41 0 42	15 13	0 50	1 19	1 30	24 24	1 26	22 25	0 29	11 16	1 32	22 50	0 4	5 22	1 16	2 17	16 2	23 8	23 14	24 26	15 44	7 5	
S 15	18 42 24	6 0n38	16 0	0 40	1 39	1 34	24 20	1 25	22 24	0 29	11 15	1 32	22 51	0 4	5 22	1 16	2 17	16 2	23 8	23 13	24 26	15 44	7 5	
M 16	18 57 24	53 1 56	16 46	0 30	2 0	1 37	24 17	1 25	22 22	0 29	11 14	1 33	22 51	0 4	5 22	1 16	2 16	16 2	23 8	23 13	24 26	15 43	7 6	
T 17	19 11 23	57 3 6	17 31	0 19	2 20	1 41	24 13	1 25	22 21	0 29	11 13	1 33	22 51	0 4	5 22	1 16	2 16	16 2	23 8	23 13	24 25	15 43	7 6	
W 18	19 24 21	28 4 3	18 15	0 9	2 41	1 44	24 9	1 25	22 19	0 29	11 13	1 33	22 52	0 4	5 23	1 16	2 16	16 2	23 8	23 13	24 25	15 43	7 7	
T 19	19 38 17	42 4 44	18 58	0n 2	3 3	1 47	24 5	1 25	22 18	0 29	11 12	1 33	22 52	0 4	5 23	1 16	2 15	16 2	23 9	23 13	24 25	15 43	7 7	
F 20	19 51 13	2 5 9	19 39	0 13	3 24	1 51	24 0	1 24	22 16	0 29	11 11	1 33	22 53	0 4	5 23	1 16	2 15	16 2	23 9	23 12	24 25	15 42	7 8	
S 21	20 3 7	48 5 15	20 19	0 23	3 45	1 54	23 56	1 24	22 15	0 29	11 10	1 34	22 53	0 4	5 23	1 16	2 15	16 2	23 8	23 12	24 24	15 42	7 8	
S 22	20 15 2	17 5 3	20 57	0 33	4 7	1 56	23 51	1 24	22 13	0 29	11 10	1 34	22 53	0 4	5 23	1 16	2 15	16 2	23 8	23 12	24 24	15 42	7 9	
M 23	20 27 8	3s15	4 36	21 33	0 43	4 28	1 59	23 46	1 24	22 11	0 29	11 9	1 34	22 54	0 4	5 23	1 16	2 14	16 2	23 8	23 12	24 24	15 41	7 9
T 24	20 39 8	33 3 55	22 7	0 53	4 50	2 2	23 41	1 24	22 10	0 29	11 8	1 34	22 54	0 4	5 23	1 16	2 14	16 3	23 8	23 12	24 24	15 41	7 10	
W 25	20 50 13	24 3 3	22 39	1 2	5 12	2 4	23 36	1 23	22 8	0 29	11 8	1 35	22 54	0 4	5 23	1 16	2 14	16 3	23 8	23 11	24 23	15 41	7 10	
T 26	21 1 17	37 2 3	23 8	1 11	5 34	2 6	23 31	1 23	22 6	0 29	11 7	1 35	22 55	0 4	5 23	1 16	2 14	16 3	23 8	23 11	24 23	15 41	7 10	
F 27	21 12 20	59 0 58	23 34	1 19	5 56	2 8	23 26	1 23	22 5	0 29	11 6	1 35	22 55	0 4	5 23	1 16	2 13	16 3	23 8	23 11	24 23	15 41	7 11	
S 28	21 22 23	23 0s 9	23 58	1 27	6 18	2 10	23 20	1 23	22 3	0 29	11 6	1 35	22 55	0 4	5 23	1 15	2 13	16 3	23 7	23 11	24 22	15 40	7 11	
S 29	21 32 24	41 1 15	24 19	1 34	6 40	2 12	23 14	1 22	22 1	0 29	11 6	1 35	22 56											

SWISS EPHEMERIS for the year 1611

JUNE 1611 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
W 1	16 36 3	9II52'33	9♋19	22II21	25V34	22♁37	23♁29	5♃19	17II13	19♎20	4♃13	20II13	20II43	21♁45	13°R 4
T 2	16 39 59	10°49'55	21°13	24°20	26°39	23°14	23°41	5°20	17°17	19°20	4°14	20°14	20°40	21°52	13°R 1
F 3	16 43 56	11°47'17	3♃15	26°16	27°44	23°51	23°52	5°22	17°20	19°20	4°15	20°15	20°37	21°59	12°58
S 4	16 47 52	12°44'39	15°30	28°11	28°49	24°27	24° 3	5°23	17°24	19°20	4°16	20°R15	20°34	22° 5	12°55
S 5	16 51 49	13°42'00	28° 3	0♁ 3	29°54	25° 4	24°15	5°24	17°27	19°20	4°17	20°15	20°30	22°12	12°52
M 6	16 55 45	14°39'20	10V57	1°53	1♃ 0	25°41	24°26	5°25	17°31	19°20	4°18	20°14	20°27	22°19	12°49
T 7	16 59 42	15°36'40	24°15	3°40	2° 5	26°17	24°38	5°26	17°34	19°20	4°19	20°14	20°24	22°25	12°45
W 8	17 3 38	16°34'00	7♃59	5°25	3°11	26°54	24°50	5°27	17°38	19°21	4°20	20°13	20°21	22°32	12°42
T 9	17 7 35	17°31'19	22° 8	7° 8	4°17	27°31	25° 2	5°28	17°42	19°21	4°21	20°13	20°18	22°39	12°39
F 10	17 11 32	18°28'38	6II39	8°48	5°24	28° 8	25°13	5°29	17°45	19°21	4°22	20°13	20°15	22°45	12°36
S 11	17 15 28	19°25'56	21°27	10°25	6°30	28°44	25°25	5°29	17°49	19°22	4°23	20°D13	20°11	22°52	12°32
S 12	17 19 25	20°23'14	6♁24	12° 0	7°36	29°21	25°37	5°30	17°52	19°22	4°24	20°R13	20° 8	22°59	12°29
M13	17 23 21	21°20'31	21°23	13°32	8°43	29°58	25°49	5°30	17°56	19°22	4°25	20°13	20° 5	23° 5	12°26
T 14	17 27 18	22°17'47	6♂16	15° 2	9°50	0♁35	26° 1	5°30	17°59	19°23	4°26	20°12	20° 2	23°12	12°22
W15	17 31 14	23°15'03	20°54	16°29	10°57	1°12	26°13	5°31	18° 3	19°23	4°27	20°12	19°59	23°19	12°19
T 16	17 35 11	24°12'18	5♎15	17°53	12° 4	1°49	26°25	5°R31	18° 7	19°24	4°28	20°12	19°56	23°25	12°15
F 17	17 39 8	25° 9'32	19°14	19°15	13°11	2°25	26°38	5°31	18°10	19°24	4°29	20°D12	19°52	23°32	12°12
S 18	17 43 4	26° 6'45	2♁52	20°34	14°18	3° 2	26°50	5°30	18°14	19°25	4°30	20°12	19°49	23°39	12° 8
S 19	17 47 1	27° 3'58	16° 9	21°51	15°25	3°39	27° 2	5°30	18°17	19°25	4°31	20°12	19°46	23°45	12° 5
M20	17 50 57	28° 1'10	29° 6	23° 4	16°33	4°16	27°14	5°30	18°21	19°26	4°32	20°13	19°43	23°52	12° 1
T 21	17 54 54	28°58'22	11III47	24°15	17°40	4°53	27°27	5°30	18°24	19°27	4°33	20°13	19°40	23°59	11°58
W22	17 58 50	29°55'33	24°13	25°23	18°48	5°30	27°39	5°29	18°28	19°27	4°34	20°14	19°36	24° 5	11°54
T 23	18 2 47	0♁52'44	6♁28	26°28	19°56	6° 7	27°52	5°28	18°31	19°28	4°35	20°15	19°33	24°12	11°50
F 24	18 6 43	1°49'55	18°33	27°29	21° 4	6°44	28° 4	5°28	18°35	19°29	4°35	20°R15	19°30	24°19	11°47
S 25	18 10 40	2°47'05	0♁31	28°28	22°12	7°21	28°17	5°27	18°38	19°30	4°36	20°15	19°27	24°25	11°43
S 26	18 14 37	3°44'16	12°24	29°23	23°20	7°58	28°29	5°26	18°42	19°30	4°37	20°14	19°24	24°32	11°39
M27	18 18 33	4°41'26	24°14	0♁15	24°28	8°35	28°42	5°25	18°45	19°31	4°38	20°13	19°21	24°39	11°35
T 28	18 22 30	5°38'36	6♁ 4	1° 4	25°37	9°12	28°55	5°24	18°49	19°32	4°39	20°11	19°17	24°45	11°32
W29	18 26 26	6°35'47	17°55	1°49	26°45	9°49	29° 7	5°23	18°52	19°33	4°39	20° 8	19°14	24°52	11°28
T 30	18 30 23	7♁32'57	29♋51	2♁30	27♃54	10♁27	29♁20	5♃21	18II56	19♎34	4♃40	20II 6	19II11	24♁59	11♁24

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	21n59	21s49	4 s 0	25n 6	1n50	7n47	2s17	22n56	1n22	21n55	0n29	11s 4	1s36	22n57	0n 4	5n23	1n15	2s12	16s 4	23n 8	23n10	24s21	15s40	7n13
T 2	22 7 18	50 4 38	25 17	1 55	8 9	2 18	22 50	1 22	21 53	0 29	11 4	1 36	22 57	0 4	5 23	1 15	2 12	16 4	23 8	23 10	24 21	15 40	7 13	
F 3	22 15 15	3 5	3 25	24 1 58	8 31	2 20	22 43	1 21	21 52	0 29	11 4	1 37	22 57	0 4	5 23	1 15	2 12	16 4	23 8	23 9	24 20	15 40	7 14	
S 4	22 22 10	35 5 16	25 29	2 1	8 53	2 21	22 36	1 21	21 50	0 29	11 3	1 37	22 58	0 4	5 23	1 15	2 12	16 4	23 8	23 9	24 20	15 40	7 14	
S 5	22 30 5 35	5 14	25 32	2 3	9 15	2 22	22 29	1 21	21 48	0 29	11 3	1 37	22 58	0 4	5 23	1 15	2 11	16 5	23 8	23 9	24 20	15 39	7 14	
M 6	22 36 0 13	4 57	25 32	2 4	9 37	2 22	22 22	1 21	21 46	0 29	11 3	1 37	22 58	0 4	5 23	1 15	2 11	16 5	23 8	23 9	24 19	15 39	7 15	
T 7	22 43 5n21	4 23	25 31	2 4	9 59	2 23	22 15	1 20	21 44	0 30	11 3	1 38	22 59	0 4	5 23	1 15	2 11	16 5	23 8	23 9	24 19	15 39	7 15	
W 8	22 49 10 50	3 34	25 27	2 4	10 21	2 24	22 8	1 20	21 42	0 30	11 3	1 38	22 59	0 4	5 23	1 15	2 11	16 5	23 8	23 8	24 19	15 39	7 16	
T 9	22 54 15 56	2 30	25 21	2 3	10 43	2 24	22 0	1 20	21 39	0 30	11 3	1 38	23 0	0 4	5 23	1 15	2 11	16 5	23 8	23 8	24 18	15 39	7 16	
F 10	22 59 20 14	1 15	25 13	2 1	11 4	2 25	21 53	1 20	21 37	0 30	11 3	1 38	23 0	0 4	5 22	1 15	2 11	16 6	23 8	23 8	24 18	15 39	7 16	
S 11	23 4 23 20	0n 7	25 3	1 59	11 26	2 25	21 45	1 19	21 35	0 30	11 3	1 38	23 0	0 4	5 22	1 15	2 11	16 6	23 8	23 8	24 17	15 39	7 16	
S 12	23 8 24 49	1 29	24 52	1 55	11 47	2 25	21 37	1 19	21 33	0 30	11 3	1 39	23 1	0 4	5 22	1 15	2 10	16 6	23 8	23 7	24 17	15 39	7 17	
M13	23 12 24 30	2 45	24 39	1 51	12 9	2 25	21 29	1 19	21 31	0 30	11 3	1 39	23 1	0 4	5 22	1 15	2 10	16 6	23 8	23 7	24 17	15 39	7 17	
T 14	23 16 22 26	3 49	24 25	1 47	12 30	2 25	21 21	1 19	21 29	0 30	11 3	1 39	23 1	0 4	5 22	1 15	2 10	16 6	23 8	23 7	24 16	15 39	7 17	
W15	23 19 18 56	4 37	24 9	1 42	12 51	2 25	21 13	1 18	21 26	0 30	11 3	1 39	23 2	0 4	5 21	1 15	2 10	16 7	23 8	23 7	24 16	15 39	7 18	
T 16	23 22 14 21	5 7	23 52	1 36	13 12	2 25	21 4	1 18	21 24	0 30	11 3	1 40	23 2	0 4	5 21	1 15	2 10	16 7	23 8	23 6	24 15	15 39	7 18	
F 17	23 24 9 8	5 17	23 35	1 29	13 32	2 24	20 55	1 18	21 22	0 30	11 3	1 40	23 2	0 4	5 21	1 15	2 10	16 7	23 8	23 6	24 15	15 39	7 18	
S 18	23 26 3 36	5 10	23 16	1 22	13 52	2 24	20 47	1 18	21 20	0 30	11 4	1 40	23 2	0 4	5 21	1 15	2 10	16 7	23 8	23 6	24 14	15 40	7 18	
S 19	23 27 1s58	4 46	22 56	1 14	14 13	2 23	20 38	1 17	21 17	0 30	11 4	1 40	23 3	0 4	5 20	1 15	2 10	16 8	23 8	23 6	24 14	15 40	7 18	
M20	23 29 7 19	4 7	22 36	1 6	14 33	2 23	20 29	1 17	21 15	0 30	11 4	1 41	23 3	0 4	5 20	1 15	2 10	16 8	23 8	23 5	24 14	15 40	7 19	
T 21	23 29 12 16	3 18	22 15	0 57	14 52	2 22	20 20	1 17	21 12	0 30	11 5	1 41	23 3	0 5	5 20	1 15	2 10	16 8	23 8	23 5	24 13	15 40	7 19	
W22	23 29 16 37	2 19	21 53	0 48	15 12	2 21	20 10	1 17	21 10	0 30	11 5	1 41	23 4	0 5	5 20	1 15	2 10	16 8	23 8	23 5	24 13	15 40	7 19	
T 23	23 29 20 11	1 16	21 31	0 38	15 31	2 20	20 1	1 16	21 8	0 30	11 6	1 41	23 4	0 5	5 19	1 15	2 10	16 9	23 8	23 5	24 12	15 40	7 19	
F 24	23 29 22 50	0 9	21 9	0 27	15 50	2 19	19 51	1 16	21 5	0 30	11 6	1 41	23 4	0 5	5 19	1 15	2 10	16 9	23 8	23 4	24 12	15 40	7 19	
S 25	23 28 24 26	0s57	20 46	0 16	16 8	2 18	19 42	1 16	21 3	0 30	11 7	1 42	23 5	0 5	5 19	1 15	2 10	16 9	23 8	23 4	24 11	15 40	7 20	
S 26	23 26 24 54	2 0	20 24	0 4	16 27	2 17	19 32	1 15	21 0	0 30	11 7	1 42	23 5	0 5	5 18	1 15	2 10	16 9	23 8	23 4	24 11	15 41	7 20	
M27	23 24 24 13	2 57	20 1	0 s 8	16 45	2 15	19 22	1 15	20 58	0 30	11 8	1 42	23 5	0 5	5 18	1 14	2 10	16 10	23 8	23 4	24 10	15 41	7 20	
T 28	23 22 22 28	3 47	19 38	0 20	17 2	2 14	19 12	1 15	20 55	0 30	11 8	1 42	23 6	0 5	5 18	1 14	2 10	16 10	23 8	23 3	24 10	15 41	7 20	
W29	23 20 19 44	4 27	19 16	0 33	17 19	2 12	19 1	1 15	20 53	0 31	11 9	1 43	23 6	0 5	5 17	1 14	2 10	16 10	23 7	23 3	24 9	15 41	7 20	
T 30	23n16	16s10	4s56	18n53	0s47	17n36	2s11	18n51	1n14	20n50	0n31													

SWISS EPHEMERIS for the year 1611

JULY 1611 GC

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	18 34 19	8♄30'08	11♃55	3♃ 7	29♄ 2	11♃ 4	29♄33	5°R20	18♂59	19♃35	4♃41	20°R 3	19♂ 8	25♄ 5	11°R21
S 2	18 38 16	9°27'19	24°10	3°40	0♂11	11°41	29°46	5♃19	19° 2	19°36	4°41	20♂ 2	19° 5	25°12	11♄17
S 3	18 42 12	10°24'30	6♃40	4°10	1°20	12°18	29°58	5°17	19° 6	19°37	4°42	20°D 1	19° 2	25°19	11°13
M 4	18 46 9	11°21'42	19°30	4°35	2°29	12°55	0♂11	5°15	19° 9	19°38	4°43	20° 1	18°58	25°26	11° 9
T 5	18 50 6	12°18'55	2♃43	4°55	3°38	13°32	0°24	5°14	19°13	19°39	4°43	20° 2	18°55	25°32	11° 6
W 6	18 54 2	13°16'07	16°21	5°11	4°47	14°10	0°37	5°12	19°16	19°40	4°44	20° 4	18°52	25°39	11° 2
T 7	18 57 59	14°13'21	0♂25	5°23	5°56	14°47	0°50	5°10	19°19	19°41	4°45	20° 5	18°49	25°46	10°58
F 8	19 1 55	15°10'35	14°55	5°30	7° 6	15°24	1° 3	5° 8	19°23	19°42	4°45	20°R 6	18°46	25°52	10°54
S 9	19 5 52	16° 7'49	29°46	5°R32	8°15	16° 1	1°16	5° 6	19°26	19°43	4°46	20° 6	18°42	25°59	10°51
S 10	19 9 48	17° 5'04	14♄53	5°29	9°25	16°39	1°29	5° 3	19°29	19°45	4°46	20° 4	18°39	26° 6	10°47
M 11	19 13 45	18° 2'20	0♂ 6	5°21	10°34	17°16	1°42	5° 1	19°32	19°46	4°47	20° 1	18°36	26°12	10°43
T 12	19 17 41	18°59'35	15°15	5° 9	11°44	17°53	1°55	4°59	19°36	19°47	4°47	19°58	18°33	26°19	10°39
W 13	19 21 38	19°56'51	0♂11	4°52	12°54	18°31	2° 8	4°56	19°39	19°48	4°48	19°54	18°30	26°26	10°36
T 14	19 25 35	20°54'07	14°46	4°30	14° 4	19° 8	2°21	4°54	19°42	19°50	4°48	19°50	18°27	26°32	10°32
F 15	19 29 31	21°51'23	28°55	4° 4	15°13	19°46	2°34	4°51	19°45	19°51	4°49	19°47	18°23	26°39	10°28
S 16	19 33 28	22°48'39	12♄37	3°35	16°23	20°23	2°48	4°48	19°48	19°53	4°49	19°45	18°20	26°46	10°25
S 17	19 37 24	23°45'56	25°53	3° 1	17°33	21° 0	3° 1	4°46	19°51	19°54	4°50	19°D45	18°17	26°52	10°21
M 18	19 41 21	24°43'13	8♂45	2°24	18°44	21°38	3°14	4°43	19°54	19°55	4°50	19°45	18°14	26°59	10°18
T 19	19 45 17	25°40'31	21°17	1°45	19°54	22°15	3°27	4°40	19°58	19°57	4°50	19°47	18°11	27° 6	10°14
W 20	19 49 14	26°37'48	3♃33	1° 3	21° 4	22°53	3°40	4°37	20° 1	19°58	4°51	19°48	18° 8	27°12	10°11
T 21	19 53 10	27°35'07	15°38	0°21	22°14	23°30	3°53	4°34	20° 4	20° 0	4°51	19°R49	18° 4	27°19	10° 7
F 22	19 57 7	28°32'26	27°34	29♄37	23°25	24° 8	4° 7	4°30	20° 7	20° 1	4°51	19°49	18° 1	27°26	10° 4
S 23	20 1 4	29°29'45	9♄25	28°54	24°35	24°46	4°20	4°27	20°10	20° 3	4°52	19°47	17°58	27°32	10° 0
S 24	20 5 0	0♂27'05	21°15	28°11	25°46	25°23	4°33	4°24	20°12	20° 4	4°52	19°43	17°55	27°39	9°57
M 25	20 8 57	1°24'26	3♃ 4	27°31	26°57	26° 1	4°46	4°21	20°15	20° 6	4°52	19°38	17°52	27°46	9°54
T 26	20 12 53	2°21'48	14°56	26°52	28° 7	26°38	4°59	4°17	20°18	20° 8	4°52	19°31	17°48	27°52	9°50
W 27	20 16 50	3°19'11	26°52	26°17	29°18	27°16	5°13	4°14	20°21	20° 9	4°52	19°23	17°45	27°59	9°47
T 28	20 20 46	4°16'34	8♃54	25°46	0♄29	27°54	5°26	4°10	20°24	20°11	4°53	19°15	17°42	28° 6	9°44
F 29	20 24 43	5°13'59	21° 3	25°19	1°40	28°31	5°39	4° 6	20°27	20°13	4°53	19° 7	17°39	28°12	9°40
S 30	20 28 39	6°11'25	3♃23	24°58	2°51	29° 9	5°52	4° 3	20°29	20°14	4°53	19° 1	17°36	28°19	9°37
S 31	20 32 36	7♂ 8'52	15♃56	24♄42	4♄ 2	29♂47	6♂ 6	3♃59	20♂32	20♂16	4♃53	18♂57	17♂33	28♄26	9♄34

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	23n13	11s55	5s12	18n32	1s 0	17n53	2s 9	18n41	1n14	20n47	0n31	11s10	1s43	23n 7	0n 5	5n16	1n14	2s10	16s11	23n 7	23n 3	24s 8	15s42	7n20
S 2	23 9	7 8	5 15	18 10	1 14	18 9	2 8	18 30	1 13	20 45	0 31	11 11	1 43	23 7	0 5	5 16	1 14	2 10	16 11	23 7	23 2	24 8	15 42	7 20
S 3	23 5	1 58	5 2	17 50	1 28	18 25	2 6	18 19	1 14	20 42	0 31	11 12	1 44	23 7	0 5	5 16	1 14	2 10	16 11	23 7	23 2	24 7	15 42	7 20
M 4	23 0	3n24	4 35	17 30	1 43	18 41	2 4	18 8	1 13	20 39	0 31	11 13	1 44	23 7	0 5	5 15	1 14	2 10	16 12	23 7	23 2	24 7	15 42	7 20
T 5	22 55	8 48	3 52	17 10	1 58	18 56	2 2	17 57	1 13	20 37	0 31	11 14	1 44	23 8	0 5	5 15	1 14	2 10	16 12	23 7	23 2	24 6	15 43	7 20
W 6	22 50	13 58	2 55	16 52	2 12	19 10	2 0	17 46	1 13	20 34	0 31	11 14	1 44	23 8	0 5	5 14	1 14	2 10	16 12	23 7	23 1	24 5	15 43	7 20
T 7	22 44	18 33	1 46	16 35	2 27	19 24	1 58	17 35	1 12	20 31	0 31	11 15	1 44	23 8	0 5	5 14	1 14	2 10	16 12	23 7	23 1	24 5	15 43	7 20
F 8	22 37	22 10	0 28	16 19	2 42	19 38	1 56	17 24	1 12	20 28	0 31	11 16	1 45	23 8	0 5	5 13	1 14	2 10	16 13	23 7	23 1	24 5	15 43	7 20
S 9	22 31	24 22	0n53	16 5	2 56	19 52	1 54	17 12	1 12	20 26	0 31	11 17	1 45	23 9	0 5	5 13	1 14	2 10	16 13	23 7	23 1	24 4	15 44	7 20
S 10	22 24	24 51	2 12	15 52	3 11	20 4	1 51	17 1	1 11	20 23	0 31	11 18	1 45	23 9	0 5	5 12	1 14	2 10	16 13	23 7	23 0	24 3	15 44	7 20
M 11	22 16	23 28	3 22	15 40	3 24	20 17	1 49	16 49	1 11	20 20	0 31	11 19	1 45	23 9	0 5	5 12	1 14	2 11	16 14	23 7	23 0	24 3	15 44	7 20
T 12	22 8	20 24	4 18	15 30	3 38	20 29	1 47	16 37	1 11	20 17	0 31	11 20	1 45	23 10	0 5	5 11	1 14	2 11	16 14	23 7	23 0	24 2	15 45	7 20
W 13	22 0	16 1	4 55	15 21	3 51	20 40	1 44	16 26	1 10	20 14	0 31	11 21	1 46	23 10	0 5	5 11	1 14	2 11	16 14	23 7	22 59	24 1	15 45	7 20
T 14	21 52	10 48	5 12	15 15	4 3	20 51	1 42	16 14	1 10	20 11	0 31	11 23	1 46	23 10	0 5	5 10	1 14	2 11	16 15	23 7	22 59	24 1	15 45	7 20
F 15	21 43	5 9	5 9	15 10	4 14	21 1	1 39	16 2	1 10	20 8	0 32	11 24	1 46	23 10	0 5	5 10	1 14	2 11	16 15	23 7	22 59	24 0	15 46	7 20
S 16	21 33	0s34	4 48	15 7	4 24	21 11	1 37	15 49	1 9	20 5	0 32	11 25	1 46	23 11	0 5	5 9	1 14	2 11	16 15	23 7	22 59	23 59	15 46	7 20
S 17	21 24	6 6	4 13	15 6	4 33	21 20	1 34	15 37	1 9	20 2	0 32	11 26	1 46	23 11	0 5	5 8	1 14	2 11	16 15	23 7	22 58	23 59	15 47	7 20
M 18	21 14	11 12	3 26	15 6	4 41	21 29	1 32	15 25	1 9	19 59	0 32	11 27	1 47	23 11	0 5	5 8	1 14	2 12	16 16	23 7	22 58	23 58	15 47	7 20
T 19	21 3	15 43	2 29	15 9	4 47	21 37	1 29	15 12	1 9	19 56	0 32	11 29	1 47	23 11	0 5	5 7	1 14	2 12	16 16	23 7	22 58	23 58	15 47	7 20
W 20	20 52	19 29	1 28	15 13	4 52	21 45	1 26	15 0	1 8	19 53	0 32	11 30	1 47	23 12	0 5	5 7	1 14	2 12	16 16	23 7	22 58	23 57	15 48	7 19
T 21	20 41	22 20	0 23	15 19	4 55	21 52	1 24	14 47	1 8	19 50	0 32	11 31	1 47	23 12	0 5	5 6	1 14	2 12	16 17	23 7	22 57	23 56	15 48	7 19
F 22	20 30	24 10	0s42	15 27	4 56	21 59	1 21	14 34	1 8	19 47	0 32	11 33	1 47	23 12	0 5	5 5	1 14	2 12	16 17	23 7	22 57	23 56	15 49	7 19
S 23	20 18	24 54	1 45	15 36	4 55	22 5	1 18	14 21	1 7	19 44	0 32	11 34	1 48	23 12	0 5	5 5	1 14	2 13	16 17	23 7	22 57	23 55	15 49	7 19
S 24	20 6																							

SWISS EPHEMERIS for the year 1611

AUGUST 1611 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	20 36 33	8♁ 6'20	28♁44	24°R32	5♁14	0♁25	6♁19	3°R55	20♁35	20♁18	4♁53	18°R55	17♁29	28♁32	9°R31
T 2	20 40 29	9° 3'49	11♁51	24°D28	6°25	1° 3	6°32	3♁51	20°37	20°19	4°53	18°D54	17°26	28°39	9♁28
W 3	20 44 26	10° 1'20	25°21	24♁31	7°36	1°40	6°45	3°47	20°40	20°21	4°53	18♁55	17°23	28°46	9°25
T 4	20 48 22	10°58'53	9♁15	24°41	8°48	2°18	6°58	3°43	20°43	20°23	4°53	18°56	17°20	28°52	9°22
F 5	20 52 19	11°56'27	23°34	24°57	9°59	2°56	7°12	3°39	20°45	20°25	4°R53	18°R56	17°17	28°59	9°19
S 6	20 56 15	12°54'02	8♁16	25°21	11°11	3°34	7°25	3°35	20°48	20°27	4°53	18°55	17°14	29° 6	9°17
S 7	21 0 12	13°51'39	23°17	25°51	12°22	4°12	7°38	3°31	20°50	20°29	4°53	18°51	17°10	29°13	9°14
M 8	21 4 9	14°49'17	8♁29	26°29	13°34	4°50	7°51	3°27	20°53	20°30	4°53	18°45	17° 7	29°19	9°11
T 9	21 8 5	15°46'56	23°41	27°13	14°46	5°28	8° 4	3°23	20°55	20°32	4°53	18°37	17° 4	29°26	9° 8
W10	21 12 2	16°44'36	8♁44	28° 4	15°57	6° 6	8°18	3°18	20°57	20°34	4°53	18°29	17° 1	29°33	9° 6
T 11	21 15 58	17°42'18	23°28	29° 1	17° 9	6°44	8°31	3°14	21° 0	20°36	4°53	18°20	16°58	29°39	9° 3
F 12	21 19 55	18°40'00	7♁46	0♁ 5	18°21	7°22	8°44	3°10	21° 2	20°38	4°53	18°13	16°54	29°46	9° 1
S 13	21 23 51	19°37'44	21°35	1°15	19°33	8° 0	8°57	3° 5	21° 4	20°40	4°53	18° 7	16°51	29°53	8°58
S 14	21 27 48	20°35'29	4♁55	2°31	20°45	8°38	9°10	3° 1	21° 6	20°42	4°52	18° 4	16°48	29°59	8°56
M15	21 31 44	21°33'15	17°49	3°53	21°57	9°16	9°23	2°57	21° 9	20°44	4°52	18°D 3	16°45	0♁ 6	8°54
T 16	21 35 41	22°31'02	0♁19	5°20	23°10	9°55	9°36	2°52	21°11	20°46	4°52	18° 3	16°42	0°13	8°51
W17	21 39 37	23°28'50	12°32	6°51	24°22	10°33	9°49	2°48	21°13	20°48	4°52	18°R 4	16°39	0°19	8°49
T 18	21 43 34	24°26'39	24°32	8°28	25°34	11°11	10° 2	2°43	21°15	20°50	4°52	18° 4	16°35	0°26	8°47
F 19	21 47 31	25°24'30	6♁24	10° 8	26°47	11°49	10°15	2°39	21°17	20°52	4°51	18° 2	16°32	0°33	8°45
S 20	21 51 27	26°22'22	18°13	11°51	27°59	12°28	10°28	2°34	21°19	20°54	4°51	17°58	16°29	0°39	8°43
S 21	21 55 24	27°20'16	0♁ 2	13°38	29°11	13° 6	10°41	2°30	21°21	20°56	4°51	17°51	16°26	0°46	8°41
M22	21 59 20	28°18'10	11°54	15°28	0♁24	13°44	10°54	2°25	21°23	20°58	4°50	17°42	16°23	0°53	8°39
T 23	22 3 17	29°16'07	23°52	17°20	1°37	14°22	11° 7	2°21	21°24	21° 0	4°50	17°31	16°19	0°59	8°38
W24	22 7 13	0♁14'04	5♁56	19°13	2°49	15° 1	11°20	2°16	21°26	21° 3	4°50	17°18	16°16	1° 6	8°36
T 25	22 11 10	1°12'04	18° 8	21° 8	4° 2	15°39	11°33	2°11	21°28	21° 5	4°49	17° 5	16°13	1°13	8°34
F 26	22 15 6	2°10'05	0♁29	23° 4	5°15	16°18	11°45	2° 7	21°30	21° 7	4°49	16°53	16°10	1°19	8°33
S 27	22 19 3	3° 8'08	13° 0	25° 1	6°28	16°56	11°58	2° 2	21°31	21° 9	4°48	16°43	16° 7	1°26	8°31
S 28	22 23 0	4° 6'12	25°41	26°58	7°41	17°35	12°11	1°58	21°33	21°11	4°48	16°35	16° 4	1°33	8°30
M29	22 26 56	5° 4'19	8♁36	28°56	8°53	18°13	12°23	1°53	21°34	21°13	4°47	16°30	16° 0	1°40	8°29
T 30	22 30 53	6° 2'28	21°45	0♁53	10° 7	18°52	12°36	1°49	21°36	21°15	4°47	16°28	15°57	1°46	8°27
W31	22 34 49	7♁ 0'38	5♁11	2♁50	11♁20	19♁30	12♁49	1♁44	21♁37	21♁18	4♁46	16°D28	15♁54	1♁53	8♁26

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	18n17	7n21	3s57	17n41	3s38	22n32	0s52	12n21	1n 4	19n16	0n33	11s47	1s49	23n14	0n 5	4n59	1n14	2s15	16s20	23n 2	22n54	23s49	15s53	7n17
T 2	18 2 12 28	3 6 17 56	3 23	22 31	0 49	12 7	1 4	19 13	0 33	11 49	1 49	23 14	0 5	4 58	1 14	2 15	16 20	23 2	22 54	23 48	15 53	7 17		
W 3	17 46 17 9	2 3 18 11	3 8	22 31	0 46	11 53	1 4	19 9	0 33	11 50	1 49	23 15	0 5	4 57	1 14	2 15	16 21	23 2	22 53	23 47	15 54	7 16		
T 4	17 31 21 2	0 52 18 25	2 52	22 29	0 43	11 40	1 3	19 6	0 33	11 52	1 50	23 15	0 5	4 57	1 14	2 16	16 21	23 2	22 53	23 46	15 54	7 16		
F 5	17 15 23 45	0n25 18 38	2 36	22 27	0 40	11 26	1 3	19 3	0 33	11 54	1 50	23 15	0 5	4 56	1 14	2 16	16 21	23 2	22 53	23 46	15 55	7 16		
S 6	16 59 24 56	1 42 18 50	2 19	22 25	0 37	11 11	1 2	19 0	0 33	11 55	1 50	23 15	0 5	4 55	1 13	2 16	16 22	23 2	22 53	23 45	15 55	7 15		
S 7	16 42 24 19	2 53 19 1	2 2	22 21	0 34	10 57	1 2	18 56	0 33	11 57	1 50	23 15	0 5	4 54	1 13	2 17	16 22	23 1	22 52	23 44	15 56	7 15		
M 8	16 25 21 56	3 53 19 11	1 46	22 18	0 30	10 43	1 2	18 53	0 33	11 58	1 50	23 16	0 5	4 54	1 13	2 17	16 22	23 1	22 52	23 43	15 56	7 15		
T 9	16 8 18 0	4 37 19 19	1 29	22 13	0 27	10 29	1 1	18 50	0 34	12 0	1 50	23 16	0 5	4 53	1 13	2 17	16 23	23 0	22 52	23 42	15 57	7 15		
W10	15 51 12 57	5 0 19 25	1 12	22 8	0 24	10 14	1 1	18 46	0 34	12 2	1 50	23 16	0 5	4 52	1 13	2 18	16 23	22 59	22 51	23 42	15 57	7 14		
T 11	15 34 7 15	5 4 19 29	0 56	22 2	0 21	10 0	1 1	18 43	0 34	12 3	1 51	23 16	0 5	4 51	1 13	2 18	16 23	22 59	22 51	23 41	15 58	7 14		
F 12	15 16 1 19	4 47 19 31	0 41	21 56	0 18	9 45	1 0	18 40	0 34	12 5	1 51	23 16	0 5	4 51	1 13	2 18	16 24	22 58	22 51	23 40	15 59	7 13		
S 13	14 58 4830	4 15 19 30	0 25	21 49	0 15	9 31	1 0	18 36	0 34	12 7	1 51	23 16	0 5	4 50	1 13	2 19	16 24	22 58	22 50	23 39	15 59	7 13		
S 14	14 39 9 54	3 29 19 28	0 11	21 41	0 12	9 16	1 0	18 33	0 34	12 8	1 51	23 17	0 5	4 49	1 13	2 19	16 24	22 57	22 50	23 38	16 0	7 13		
M15	14 21 14 43	2 34 19 22	0n 3	21 33	0 9	9 1	0 59	18 29	0 34	12 10	1 51	23 17	0 5	4 48	1 13	2 19	16 25	22 57	22 50	23 38	16 0	7 12		
T 16	14 2 18 44	1 33 19 14	0 16	21 24	0 6	8 47	0 59	18 26	0 34	12 12	1 51	23 17	0 5	4 47	1 13	2 20	16 25	22 57	22 49	23 37	16 1	7 12		
W17	13 43 21 52	0 30 19 4	0 29	21 14	0 3	8 32	0 59	18 23	0 34	12 14	1 51	23 17	0 5	4 47	1 13	2 20	16 25	22 57	22 49	23 36	16 1	7 12		
T 18	13 24 23 57	0s34 18 50	0 40	21 4	0 1	8 17	0 58	18 19	0 34	12 15	1 51	23 17	0 5	4 46	1 13	2 20	16 25	22 57	22 49	23 35	16 2	7 11		
F 19	13 5 24 56	1 36 18 34	0 51	20 53	0n 2	8 2	0 58	18 16	0 35	12 17	1 51	23 17	0 5	4 45	1 13	2 21	16 26	22 57	22 48	23 34	16 2	7 11		
S 20	12 45 24 47	2 33 18 14	1 1	20 42	0 5	7 47	0 57	18 12	0 35	12 19	1 51	23 17	0 5	4 44	1 13	2 21	16 26	22 57	22 48	23 33	16 3	7 10		
S 21	12 25 23 30	3 23 17 52	1 9	20 30	0 8	7 32	0 57	18 9	0 35	12 21	1 52	23 18	0 5	4 43	1 13	2 21	16 26	22 56	22 48	23 33	16 3	7 10		
M22	12 5 21 11	4 5 17 28	1 17	20 17	0 11	7 17	0 57	18 6	0 35	12 22	1 52	23 18	0 5	4 43	1 13	2 22	16 27	22 55	22 48	23 32	16 4	7 9		
T 23	11 45 17 56	4 36 17 0	1 24	20 4	0 14	7 2	0 56	18 2	0 35	12 24	1 52	23 18	0 5	4 42	1 13	2 22	16 27	22 54	22 47	23 31	16 4	7 9		
T 24	11 25 13 55	4 55 16 31	1 30	19 50	0 17	6 46	0 56	17 59	0 35	12 26	1 52	23 18	0 5	4 41	1 13	2 23	16 27	22 53	22 47	23 30	16 5	7 9		
T 25	11 4 9 19	5 1 15 59	1 35	19 36	0 19	6 31	0 55	17 55	0 35	12 27	1 52	23 18	0 5	4 40	1 13	2 23	16 28	22 52	22 47	23 29	16 6	7 8		
F 26	10 44 4 17	4 53 15 25	1 39	19 21	0 22	6 16	0 55	17 52	0 35	12 29	1 52	23 18	0 5	4 39	1 13	2 23	16 28	22 51	22 46	23 28	16 6	7 8		
S 27	10 23 0n59	4 30 14 49	1 42	19 6	0 25	6 1	0 55	17 48	0 35	12 31	1 52	23 18	0 5	4 38	1 13	2 24	16 28	22 50	22 46	23 27	16 7	7 7		
S 28	10 2 6 19	3 54 14 11	1 45	18 50	0 27	5 45	0 54	17 45	0 36	12 33	1 52	23 19	0 5	4 37	1 13	2 24	16 28	22 49	22 46	23 26	16 7	7 7		
M29	9 40 11 28	3 6 13 32	1 46	18 33	0 30	5 30	0 54	17 41	0 36	12 34	1 52	23 19	0 5	4 37	1 13	2 25	16 29	22 48	22 45	23 25	16 8	7 6		
T 30	9 19 16 12	2 7 12 51	1 47	18 16</																				

SWISS EPHEMERIS for the year 1611

SEPTEMBER 1611 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	22 38 46	7 ^m 58'51	18 ^{II} 57	4 ^m 46	12 [♁] 33	20 ^m 9	13 [♁] 1	1°R40	21 ^{II} 39	21 ^m 20	4°R46	16°R28	15 ^{II} 51	2 [♁] 0	8°R25	
F 2	22 42 42	8°57'06	3 [♁] 3	6°42	13°46	20°48	13°14	1 [♁] 35	21°40	21°22	4 [♁] 45	16 ^{II} 27	15°48	2°6	8 [♁] 24	
S 3	22 46 39	9°55'23	17°29	8°37	14°59	21°26	13°26	1°31	21°41	21°24	4°45	16°24	15°45	2°13	8°23	
S 4	22 50 35	10°53'42	2 [♁] 13	10°31	16°13	22°5	13°39	1°26	21°43	21°26	4°44	16°19	15°41	2°20	8°22	
M 5	22 54 32	11°52'03	17°8	12°24	17°26	22°44	13°51	1°22	21°44	21°29	4°43	16°12	15°38	2°26	8°22	
T 6	22 58 29	12°50'26	2 ^m 8	14°16	18°39	23°23	14°4	1°17	21°45	21°31	4°43	16°1	15°35	2°33	8°21	
W 7	23 2 25	13°48'51	17°3	16°8	19°53	24°1	14°16	1°13	21°46	21°33	4°42	15°50	15°32	2°40	8°20	
T 8	23 6 22	14°47'18	1 [♁] 43	17°58	21°6	24°40	14°28	1°8	21°47	21°35	4°42	15°39	15°29	2°46	8°20	
F 9	23 10 18	15°45'46	16°1	19°47	22°20	25°19	14°40	1°4	21°48	21°37	4°41	15°29	15°25	2°53	8°19	
S 10	23 14 15	16°44'16	29°52	21°35	23°34	25°58	14°52	1°0	21°49	21°40	4°40	15°21	15°22	3°0	8°19	
S 11	23 18 11	17°42'48	13 ^{III} 16	23°22	24°47	26°37	15°5	0°55	21°50	21°42	4°39	15°15	15°19	3°6	8°18	
M12	23 22 8	18°41'21	26°12	25°8	26°1	27°16	15°17	0°51	21°51	21°44	4°39	15°13	15°16	3°13	8°18	
T 13	23 26 4	19°39'57	8 [♁] 45	26°53	27°15	27°55	15°29	0°47	21°52	21°46	4°38	15°12	15°13	3°20	8°18	
W14	23 30 1	20°38'34	20°58	28°37	28°29	28°34	15°41	0°43	21°53	21°48	4°37	15°12	15°10	3°27	8°D18	
T 15	23 33 58	21°37'12	2 [♁] 59	0 [♁] 20	29°42	29°13	15°52	0°39	21°53	21°51	4°37	15°11	15°6	3°33	8°18	
F 16	23 37 54	22°35'53	14°51	2°2	0 ^m 56	29°52	16°4	0°35	21°54	21°53	4°36	15°10	15°3	3°40	8°18	
S 17	23 41 51	23°34'35	26°40	3°43	2°10	0 [♁] 31	16°16	0°31	21°55	21°55	4°35	15°6	15°0	3°47	8°18	
S 18	23 45 47	24°33'19	8 [♁] 31	5°22	3°24	1°11	16°28	0°27	21°55	21°57	4°34	14°59	14°57	3°53	8°19	
M19	23 49 44	25°32'04	20°27	7°1	4°38	1°50	16°39	0°23	21°56	22°0	4°33	14°50	14°54	4°0	8°19	
T 20	23 53 40	26°30'52	2 [♁] 31	8°39	5°52	2°29	16°51	0°19	21°56	22°2	4°32	14°38	14°51	4°7	8°19	
W21	23 57 37	27°29'41	14°46	10°16	7°6	3°8	17°2	0°15	21°56	22°4	4°32	14°25	14°47	4°13	8°20	
T 22	0 1 33	28°28'32	27°11	11°52	8°21	3°47	17°14	0°11	21°57	22°6	4°31	14°12	14°44	4°20	8°20	
F 23	0 5 30	29°27'25	9 [♁] 48	13°27	9°35	4°27	17°25	0°8	21°57	22°9	4°30	14°0	14°41	4°27	8°21	
S 24	0 9 27	0 [♁] 26'20	22°36	15°2	10°49	5°6	17°36	0°4	21°57	22°11	4°29	13°49	14°38	4°33	8°22	
S 25	0 13 23	1°25'18	5 [♁] 35	16°35	12°3	5°46	17°47	0°0	21°58	22°13	4°28	13°41	14°35	4°40	8°23	
M26	0 17 20	2°24'17	18°46	18°8	13°18	6°25	17°59	29 [♁] 57	21°58	22°15	4°27	13°36	14°31	4°47	8°23	
T 27	0 21 16	3°23'19	2 ^{II} 7	19°40	14°32	7°4	18°10	29°53	21°58	22°17	4°26	13°34	14°28	4°53	8°24	
W28	0 25 13	4°22'24	15°40	21°10	15°46	7°44	18°21	29°50	21°R58	22°20	4°25	13°D33	14°25	5°0	8°25	
T 29	0 29 9	5°21'30	29°26	22°40	17°1	8°24	18°31	29°47	21°58	22°22	4°24	13°R34	14°22	5°7	8°27	
F 30	0 33 6	6°20'40	13 [♁] 25	24°10	18 ^m 15	9 [♁] 3	18 [♁] 42	29 [♁] 44	21 ^{II} 58	22 ^m 24	4 [♁] 23	13 ^{II} 34	14 ^{II} 19	5 [♁] 14	8 [♁] 28	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	8n36	23n15	0n13	11n26	1n47	17n41	0n38	4n43	0n53	17n31	0n36	12s39	1s52	23n19	0n5	4n34	1n13	2s26	16s30	22n48	22n44	23s23	16s9	7n5
F 2	8 14	24 54	1 27	10 42	1 45	17 22	0 40	4 27	0 52	17 28	0 36	12 41	1 52	23 19	0 5	4 33	1 13	2 26	16 30	22 48	22 44	23 22	16 10	7 4
S 3	7 52	24 55	2 36	9 57	1 44	17 3	0 42	4 12	0 52	17 24	0 36	12 43	1 52	23 19	0 5	4 32	1 13	2 27	16 30	22 48	22 44	23 21	16 10	7 4
S 4	7 30	23 13	3 37	9 12	1 41	16 43	0 45	3 56	0 52	17 21	0 36	12 44	1 52	23 19	0 5	4 31	1 13	2 27	16 30	22 47	22 43	23 20	16 11	7 3
M 5	7 8	19 54	4 23	8 26	1 38	16 23	0 47	3 40	0 51	17 17	0 36	12 46	1 52	23 19	0 5	4 31	1 13	2 28	16 31	22 46	22 43	23 19	16 12	7 3
T 6	6 45	15 16	4 52	7 40	1 35	16 3	0 49	3 25	0 51	17 14	0 37	12 47	1 52	23 19	0 5	4 30	1 13	2 28	16 31	22 45	22 43	23 18	16 12	7 2
W 7	6 23	9 44	5 0	6 53	1 31	15 42	0 51	3 9	0 50	17 10	0 37	12 49	1 52	23 20	0 5	4 29	1 13	2 29	16 31	22 44	22 42	23 17	16 13	7 2
T 8	6 0	3 44	4 49	6 6	1 27	15 20	0 54	2 53	0 50	17 7	0 37	12 51	1 52	23 20	0 5	4 28	1 13	2 29	16 31	22 43	22 42	23 16	16 13	7 1
F 9	5 38	2s20	4 19	5 19	1 23	14 58	0 56	2 37	0 49	17 3	0 37	12 52	1 53	23 20	0 5	4 27	1 13	2 29	16 32	22 42	22 41	23 15	16 14	7 1
S 10	5 15	8 6	3 35	4 32	1 18	14 36	0 58	2 21	0 49	17 0	0 37	12 54	1 53	23 20	0 5	4 26	1 13	2 30	16 32	22 41	22 41	23 14	16 14	7 0
S 11	4 52	13 18	2 40	3 45	1 13	14 13	1 0	2 5	0 49	16 57	0 37	12 55	1 53	23 20	0 6	4 25	1 13	2 30	16 32	22 40	22 41	23 13	16 15	7 0
M12	4 29	17 45	1 39	2 58	1 7	13 50	1 2	1 50	0 48	16 53	0 37	12 57	1 53	23 20	0 6	4 24	1 13	2 31	16 32	22 40	22 40	23 12	16 15	6 59
T 13	4 6	21 15	0 34	2 11	1 2	13 27	1 3	1 34	0 48	16 50	0 38	12 58	1 53	23 20	0 6	4 24	1 13	2 31	16 33	22 40	22 40	23 11	16 16	6 59
W14	3 43	23 41	0s31	1 24	0 56	13 3	1 5	1 18	0 47	16 46	0 38	13 0	1 53	23 20	0 6	4 23	1 13	2 32	16 33	22 40	22 40	23 10	16 16	6 58
T 15	3 20	25 0	1 33	0 37	0 49	12 39	1 7	1 2	0 47	16 43	0 38	13 1	1 53	23 20	0 6	4 22	1 13	2 32	16 33	22 40	22 39	23 9	16 17	6 58
F 16	2 57	25 9	2 30	0s9	0 43	12 14	1 9	0 46	0 47	16 39	0 38	13 3	1 53	23 20	0 6	4 21	1 13	2 33	16 33	22 40	22 39	23 8	16 17	6 57
S 17	2 33	24 9	3 20	0 55	0 37	11 49	1 10	0 30	0 46	16 36	0 38	13 4	1 52	23 20	0 6	4 20	1 13	2 33	16 33	22 39	22 39	23 7	16 18	6 57
S 18	2 10	22 4	4 3	1 41	0 30	11 24	1 12	0 14	0 46	16 33	0 38	13 6	1 52	23 20	0 6	4 19	1 13	2 33	16 34	22 39	22 38	23 6	16 18	6 56
M19	1 47	19 2	4 34	2 26	0 23	10 58	1 13	0s2	0 45	16 29	0 38	13 7	1 52	23 20	0 6	4 18	1 13	2 34	16 34	22 38	22 38	23 5	16 19	6 56
T 20	1 23	15 10	4 54	3 11	0 16	10 32	1 15	0 18	0 45	16 26	0 39	13 8	1 52	23 20	0 6	4 17	1 13	2 34	16 34	22 36	22 38	23 4	16 19	6 55
W21	1 0	10 38	5 0	3 56	0 9	10 6	1 16	0 34	0 44	16 23	0 39	13 10	1 52	23 20	0 6	4 17	1 13	2 35	16 34	22 35	22 37	23 3	16 20	6 55
T 22	0 36	5 36	4 53	4 40	0 2	9 39	1 18	0 50	0 44	16 19	0 39	13 11	1 52	23 20	0 6	4 16	1 13	2 35	16 34	22 33	22 37	23 1	16 20	6 54
F 23	0 13	0 16	4 31	5 24	0s5	9 13	1 19	1 6	0 43	16 16	0 39	13 12	1 52	23 20	0 6	4 15	1 13	2 36	16 35	22 32	22 37	23 0	16 21	6 54
S 24	0s11	5n10	3 55	6 7	0 12	8 46	1 20	1 22	0 43	16 13	0 39	13 13	1 52	23 20	0 6	4 14	1 13	2 36	16 35	22 30	22 36	22 59	16 21	6 53
S 25	0 34	10 29	3 7	6 50	0 19	8 18	1 21	1 38	0 43	16 9	0 39	13 15	1 52	23 20	0 6	4 13	1 13	2 37	16 35	22 30	22 36	22 58	16 22	6 53
M26	0 58	15 24	2 8	7 32	0 26	7 51	1 22	1 55	0 42	16 6	0 39	13 16	1 52	23 20	0 6	4 12	1 13	2 37	16 35	22 29	22 35	22 57	16 22	6 52
T 27	1 21	19 39	1 0	8 13	0 34	7 23	1 23	2 11	0 42	16 3	0 40	13 17	1 52	23 21	0 6	4 11	1 13	2 38	16 35	22 29	22 35	22 56	16 23	6 51
W28	1 45	22 54	0n11	8 55	0 41	6 55	1 24	2 27	0 41	16 0	0 40	13 18	1 52	23 21	0 6	4 11	1 13	2 38	16 35	22 29	22 35	22 55	16 23	6 51
T 29	2 8	24 53	1 23	9 35	0 48	6 26	1 25																	

SWISS EPHEMERIS for the year 1611

OCTOBER 1611 GC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	0 37 2	7 ^h 19 ^m 51 ^s	27 ^h 38 ^m	25 ^h 38 ^m	19 ^h 30 ^m	9 ^h 43 ^m	18 ^h 53 ^m	29 ^h R40	21 ^h R58	22 ^h 26 ^m	4 ^h R22	13 ^h R32	14 ^h 11 ^m	5 ^h 20 ^m	8 ^h 29 ^m
S 2	0 40 59	8°19'05"	12 ^h 02 ^m	27° 5'	20°44'	10°22'	19° 4'	29 ^h 37 ^m	21 ^h 57 ^m	22°28'	4 ^h 21 ^m	13 ^h 28 ^m	14°12'	5°27'	8°30'
M 3	0 44 56	9°18'21"	26°34'	28°32'	21°59'	11° 2'	19°14'	29°34'	21°57'	22°30'	4°20'	13°22'	14° 9'	5°34'	8°32'
T 4	0 48 52	10°17'39"	11 ^h 10 ^m	29°58'	23°14'	11°42'	19°25'	29°32'	21°57'	22°33'	4°19'	13°13'	14° 6'	5°40'	8°33'
W 5	0 52 49	11°16'59"	25°42'	1 ^h 22 ^m	24°28'	12°22'	19°35'	29°29'	21°57'	22°35'	4°18'	13° 3'	14° 3'	5°47'	8°35'
T 6	0 56 45	12°16'22"	10 ^h 04 ^m	2°46'	25°43'	13° 1'	19°45'	29°26'	21°56'	22°37'	4°17'	12°53'	14° 0'	5°54'	8°37'
F 7	1 0 42	13°15'47"	24° 8'	4° 9'	26°58'	13°41'	19°56'	29°23'	21°56'	22°39'	4°16'	12°44'	13°56'	6° 0'	8°38'
S 8	1 4 38	14°15'13"	7 ^h 52 ^m	5°31'	28°12'	14°21'	20° 6'	29°21'	21°55'	22°41'	4°15'	12°37'	13°53'	6° 7'	8°40'
S 9	1 8 35	15°14'42"	21°11'	6°52'	29°27'	15° 1'	20°16'	29°18'	21°55'	22°43'	4°14'	12°33'	13°50'	6°14'	8°42'
M10	1 12 31	16°14'12"	4 ^h 7 ^m	8°12'	0 ^h 42 ^m	15°41'	20°26'	29°16'	21°54'	22°45'	4°13'	12°31'	13°47'	6°20'	8°44'
T 11	1 16 28	17°13'45"	16°41'	9°30'	1°57'	16°21'	20°35'	29°14'	21°53'	22°47'	4°12'	12°D30'	13°44'	6°27'	8°46'
W12	1 20 24	18°13'19"	28°57'	10°48'	3°12'	17° 1'	20°45'	29°11'	21°53'	22°49'	4°11'	12°31'	13°41'	6°34'	8°48'
T 13	1 24 21	19°12'55"	10 ^h 35 ^m	12° 4'	4°27'	17°41'	20°55'	29° 9'	21°52'	22°52'	4°10'	12°32'	13°37'	6°41'	8°51'
F 14	1 28 18	20°12'33"	22°53'	13°19'	5°42'	18°21'	21° 4'	29° 7'	21°51'	22°54'	4° 9'	12°R32'	13°34'	6°47'	8°53'
S 15	1 32 14	21°12'12"	4 ^h 43 ^m	14°32'	6°57'	19° 1'	21°13'	29° 5'	21°50'	22°56'	4° 8'	12°31'	13°31'	6°54'	8°55'
S 16	1 36 11	22°11'53"	16°35'	15°43'	8°12'	19°41'	21°23'	29° 3'	21°49'	22°58'	4° 7'	12°28'	13°28'	7° 1'	8°58'
M17	1 40 7	23°11'36"	28°34'	16°53'	9°27'	20°22'	21°32'	29° 2'	21°48'	23° 0'	4° 5'	12°23'	13°25'	7° 7'	9° 0'
T 18	1 44 4	24°11'21"	10 ^h 44 ^m	18° 0'	10°42'	21° 2'	21°41'	29° 0'	21°47'	23° 2'	4° 4'	12°16'	13°22'	7°14'	9° 3'
W19	1 48 0	25°11'07"	23° 6'	19° 6'	11°57'	21°42'	21°50'	28°58'	21°46'	23° 4'	4° 3'	12° 7'	13°18'	7°21'	9° 6'
T 20	1 51 57	26°10'56"	5 ^h 43 ^m	20° 9'	13°12'	22°23'	21°59'	28°57'	21°45'	23° 5'	4° 2'	11°59'	13°15'	7°27'	9° 8'
F 21	1 55 53	27°10'46"	18°36'	21° 9'	14°27'	23° 3'	22° 7'	28°56'	21°44'	23° 7'	4° 1'	11°51'	13°12'	7°34'	9°11'
S 22	1 59 50	28°10'38"	1 ^h 45 ^m	22° 7'	15°42'	23°43'	22°16'	28°54'	21°43'	23° 9'	4° 0'	11°44'	13° 9'	7°41'	9°14'
S 23	2 3 47	29°10'32"	15° 7'	23° 1'	16°57'	24°24'	22°24'	28°53'	21°42'	23°11'	3°59'	11°39'	13° 6'	7°48'	9°17'
M24	2 7 43	0 ^h 10 ^m 28 ^s	28°41'	23°51'	18°12'	25° 4'	22°33'	28°52'	21°40'	23°13'	3°58'	11°36'	13° 2'	7°54'	9°20'
T 25	2 11 40	1°10'26"	12 ^h 25 ^m	24°38'	19°27'	25°45'	22°41'	28°51'	21°39'	23°15'	3°56'	11°D35'	12°59'	8° 1'	9°23'
W26	2 15 36	2°10'26"	26°18'	25°20'	20°42'	26°25'	22°49'	28°50'	21°38'	23°17'	3°55'	11°36'	12°56'	8° 8'	9°26'
T 27	2 19 33	3°10'29"	10 ^h 51 ^m	25°57'	21°58'	27° 6'	22°57'	28°50'	21°36'	23°19'	3°54'	11°38'	12°53'	8°14'	9°29'
F 28	2 23 29	4°10'34"	24°21'	26°28'	23°13'	27°46'	23° 5'	28°49'	21°35'	23°20'	3°53'	11°39'	12°50'	8°21'	9°33'
S 29	2 27 26	5°10'41"	8 ^h 02 ^m	26°54'	24°28'	28°27'	23°12'	28°48'	21°33'	23°22'	3°52'	11°R39'	12°47'	8°28'	9°36'
S 30	2 31 22	6°10'50"	22°41'	27°12'	25°43'	29° 8'	23°20'	28°48'	21°32'	23°24'	3°51'	11°38'	12°43'	8°34'	9°39'
M31	2 35 19	7 ^h 11 ^m 01 ^s	6 ^h 53 ^m	27 ^h 23 ^m	26 ^h 59 ^m	29 ^h 49 ^m	23 ^h 02 ^m	28 ^h 48 ^m	21 ^h 30 ^m	23 ^h 26 ^m	3 ^h 50 ^m	11 ^h 35 ^m	12 ^h 40 ^m	8 ^h 41 ^m	9 ^h 43 ^m

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
S 1	2s55	24n 8	3n32	10s54	1s 2	5n29	1n26	3s15	0n40	15n50	0n40	13s21	1s52	23n21	0n 6	4n 8	1n14	2s39	16s36	22n28	22n34	22s52	16s25	6n49
S 2	3 18 21	22 4	4 19	11 32	1 10	5 1	1 27	3 31	0 39	15 47	0 40	13 22	1 52	23 21	0 6	4 7	1 14	2 40	16 36	22 28	22 33	22 50	16 25	6 49
M 3	3 42 17	14 4	5 12	12 10	1 17	4 32	1 28	3 47	0 39	15 44	0 41	13 23	1 52	23 21	0 6	4 6	1 14	2 40	16 36	22 27	22 33	22 49	16 25	6 48
T 4	4 5 12	4 5	3 12	12 47	1 24	4 3	1 28	4 3	0 38	15 40	0 41	13 24	1 52	23 21	0 6	4 5	1 14	2 41	16 36	22 26	22 32	22 48	16 26	6 48
W 5	4 28 6	14 4	4 56	13 23	1 30	3 33	1 28	4 19	0 38	15 37	0 41	13 25	1 52	23 21	0 6	4 5	1 14	2 41	16 36	22 25	22 32	22 47	16 26	6 47
T 6	4 52 0	9 4	4 30	13 59	1 37	3 4	1 29	4 35	0 38	15 34	0 41	13 26	1 52	23 21	0 6	4 4	1 14	2 41	16 36	22 24	22 32	22 46	16 27	6 47
F 7	5 15 5s50	3 49	14 34	1 44	2 34	1 29	4 51	0 37	15 31	0 41	13 27	1 51	23 21	0 6	4 3	1 14	2 42	16 37	22 22	22 31	22 45	16 27	6 46	
S 8	5 38 11	25 2	5 44	15 7	1 50	2 5	1 29	5 7	0 37	15 28	0 41	13 28	1 51	23 21	0 6	4 2	1 14	2 42	16 37	22 22	22 31	22 43	16 27	6 46
S 9	6 1 16	18 1	5 52	15 40	1 57	1 35	1 30	5 22	0 36	15 25	0 42	13 29	1 51	23 20	0 6	4 1	1 14	2 43	16 37	22 21	22 31	22 42	16 28	6 45
M10	6 24 20	17 0	4 45	16 12	2 3	1 5	1 30	5 38	0 36	15 22	0 42	13 29	1 51	23 20	0 6	4 1	1 14	2 43	16 37	22 21	22 30	22 41	16 28	6 45
T 11	6 47 23	12 0	0s22	16 43	2 9	0 36	1 30	5 54	0 35	15 19	0 42	13 30	1 51	23 20	0 6	4 0	1 14	2 44	16 37	22 21	22 30	22 40	16 29	6 44
W12	7 10 24	56 1	2 27	17 14	2 15	0 6	1 30	6 10	0 35	15 16	0 42	13 31	1 51	23 20	0 6	3 59	1 14	2 44	16 37	22 21	22 29	22 39	16 29	6 44
T 13	7 32 25	29 2	2 27	17 43	2 20	0s24	1 29	6 26	0 34	15 13	0 42	13 32	1 51	23 20	0 6	3 58	1 14	2 44	16 37	22 21	22 29	22 37	16 29	6 43
F 14	7 55 24	49 3	2 20	18 11	2 25	0 54	1 29	6 41	0 34	15 11	0 42	13 32	1 51	23 20	0 6	3 57	1 14	2 45	16 37	22 21	22 29	22 36	16 30	6 43
S 15	8 17 23	4 4	3 18	18 37	2 30	1 24	1 29	6 57	0 33	15 8	0 43	13 33	1 51	23 20	0 6	3 57	1 14	2 45	16 37	22 21	22 28	22 35	16 30	6 42
S 16	8 40 20	18 4	3 37	19 3	2 35	1 54	1 29	7 13	0 33	15 5	0 43	13 33	1 51	23 20	0 6	3 56	1 14	2 46	16 37	22 20	22 28	22 34	16 30	6 42
M17	9 2 16	39 4	4 59	19 28	2 39	2 24	1 28	7 29	0 32	15 2	0 43	13 34	1 51	23 20	0 6	3 55	1 14	2 46	16 37	22 20	22 27	22 33	16 31	6 41
T 18	9 24 12	18 5	5 7	19 51	2 43	2 54	1 28	7 44	0 32	14 59	0 43	13 34	1 50	23 20	0 6	3 54	1 14	2 46	16 37	22 19	22 27	22 31	16 31	6 41
W19	9 46 7	22 5	2 20	13 2	2 47	3 24	1 27	8 0	0 31	14 57	0 43	13 35	1 50	23 20	0 6	3 54	1 14	2 47	16 37	22 18	22 27	22 30	16 31	6 40
T 20	10 8 2	2 4	4 42	20 33	2 50	3 53	1 27	8 15	0 31	14 54	0 44	13 35	1 50	23 20	0 6	3 53	1 14	2 47	16 37	22 16	22 26	22 29	16 32	6 40
F 21	10 29 3n30	4 7	20 52	2 53	4 23	1 26	8 31	0 30	14 51	0 44	13 36	1 50	23 20	0 6	3 52	1 14	2 48	16 38	22 15	22 26	22 28	16 32	6 39	
S 22																								

SWISS EPHEMERIS for the year 1611

NOVEMBER 1611 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	2 39 16	8♍11'14	21♎2	27°R27	28♌14	0♍29	23♌35	28°R47	21°R29	23♎27	3°R49	11°R31	12♐37	8♌48	9♌46	
W 2	2 43 12	9°11'29	5♌6	27♍21	29°29	1°10	23°42	28♌47	21♎27	23°29	3♌47	11♎26	12°34	8°55	9°50	
T 3	2 47 9	10°11'46	19°0	27°6	0♍44	1°51	23°49	28°D47	21°25	23°31	3°46	11°21	12°31	9°1	9°53	
F 4	2 51 5	11°12'05	2♍40	26°41	2°0	2°32	23°56	28°47	21°24	23°32	3°45	11°16	12°28	9°8	9°57	
S 5	2 55 2	12°12'25	16°5	26°7	3°15	3°13	24°2	28°48	21°22	23°34	3°44	11°13	12°24	9°15	10°1	
S 6	2 58 58	13°12'48	29°11	25°22	4°31	3°54	24°9	28°48	21°20	23°36	3°43	11°11	12°21	9°21	10°5	
M 7	3 2 55	14°13'12	11♌59	24°28	5°46	4°35	24°15	28°48	21°18	23°37	3°42	11°D10	12°18	9°28	10°9	
T 8	3 6 51	15°13'38	24°29	23°25	7°1	5°16	24°22	28°49	21°16	23°39	3°41	11°11	12°15	9°35	10°13	
W 9	3 10 48	16°14'05	6♌44	22°14	8°17	5°57	24°28	28°49	21°14	23°40	3°40	11°12	12°12	9°41	10°17	
T 10	3 14 45	17°14'33	18°46	20°58	9°32	6°38	24°34	28°50	21°12	23°42	3°39	11°14	12°8	9°48	10°21	
F 11	3 18 41	18°15'03	0♌41	19°38	10°47	7°20	24°39	28°51	21°10	23°43	3°37	11°16	12°5	9°55	10°25	
S 12	3 22 38	19°15'34	12°32	18°17	12°3	8°1	24°45	28°52	21°8	23°45	3°36	11°17	12°2	10°2	10°29	
S 13	3 26 34	20°16'07	24°24	16°58	13°18	8°42	24°50	28°53	21°6	23°46	3°35	11°R17	11°59	10°8	10°33	
M14	3 30 31	21°16'41	6♌23	15°42	14°34	9°24	24°56	28°54	21°4	23°48	3°34	11°16	11°56	10°15	10°37	
T 15	3 34 27	22°17'16	18°33	14°34	15°49	10°5	25°1	28°55	21°2	23°49	3°33	11°14	11°53	10°22	10°42	
W16	3 38 24	23°17'52	0♌58	13°34	17°5	10°46	25°6	28°57	21°0	23°50	3°32	11°12	11°49	10°28	10°46	
T 17	3 42 20	24°18'29	13°40	12°44	18°20	11°28	25°11	28°58	20°57	23°52	3°31	11°9	11°46	10°35	10°50	
F 18	3 46 17	25°19'08	26°43	12°6	19°35	12°9	25°15	29°0	20°55	23°53	3°30	11°7	11°43	10°42	10°55	
S 19	3 50 14	26°19'48	10♌7	11°39	20°51	12°51	25°20	29°1	20°53	23°54	3°29	11°5	11°40	10°48	10°59	
S 20	3 54 10	27°20'29	23°49	11°23	22°6	13°32	25°24	29°3	20°51	23°55	3°28	11°3	11°37	10°55	11°4	
M21	3 58 7	28°21'12	7♎49	11°D19	23°22	14°14	25°28	29°5	20°48	23°57	3°27	11°D3	11°33	11°2	11°9	
T 22	4 2 3	29°21'56	22°2	11°26	24°37	14°55	25°32	29°7	20°46	23°58	3°26	11°3	11°30	11°9	11°13	
W23	4 6 0	0♌22'41	6♌23	11°43	25°53	15°37	25°36	29°9	20°44	23°59	3°25	11°4	11°27	11°15	11°18	
T 24	4 9 56	1°23'28	20°48	12°9	27°8	16°19	25°40	29°11	20°41	24°0	3°24	11°5	11°24	11°22	11°23	
F 25	4 13 53	2°24'17	5♌11	12°43	28°24	17°1	25°43	29°13	20°39	24°1	3°23	11°5	11°21	11°29	11°27	
S 26	4 17 49	3°25'06	19°31	13°24	29°39	17°42	25°46	29°16	20°37	24°2	3°22	11°6	11°18	11°35	11°32	
S 27	4 21 46	4°25'58	3♎42	14°12	0♌55	18°24	25°49	29°18	20°34	24°3	3°21	11°R6	11°14	11°42	11°37	
M28	4 25 43	5°26'50	17°44	15°6	2°10	19°6	25°52	29°21	20°32	24°4	3°20	11°6	11°11	11°49	11°42	
T 29	4 29 39	6°27'44	1♌35	16°5	3°26	19°48	25°55	29°23	20°29	24°5	3°19	11°6	11°8	11°56	11°47	
W30	4 33 36	7♌28'40	15♌14	17♎8	4♌41	20♍30	25°57	29°26	20°27	24°6	3♌18	11♎5	11♎5	12°2	11♌52	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	14s16	8n16	5n7	22s5	2s31	9s42	1n15	11s17	0n25	14n25	0n46	13s37	1s49	23n19	0n6	3n45
W 2	14 35	2 20	4 46	21 55	2 22	10 10	1 13	11 32	0 24	14 23	0 46	13 37	1 49	23 19	0 6	3 44
T 3	14 54	3s38	4 7	21 41	2 12	10 38	1 12	11 47	0 23	14 21	0 46	13 37	1 49	23 19	0 6	3 43
F 4	15 13	9 22	3 15	21 24	1 59	11 5	1 11	12 1	0 23	14 18	0 47	13 37	1 49	23 19	0 6	3 43
S 5	15 32	14 33	2 13	21 2	1 46	11 33	1 9	12 16	0 22	14 16	0 47	13 37	1 48	23 19	0 6	3 42
S 6	15 50	18 57	1 5	20 36	1 30	12 0	1 7	12 30	0 22	14 14	0 47	13 37	1 48	23 19	0 6	3 41
M 7	16 8	22 21	0s4	20 7	1 13	12 26	1 6	12 45	0 21	14 13	0 47	13 36	1 48	23 19	0 6	3 41
T 8	16 26	24 35	1 13	19 33	0 55	12 53	1 4	12 59	0 21	14 11	0 48	13 36	1 48	23 18	0 6	3 40
W 9	16 44	25 35	2 16	18 57	0 36	13 19	1 2	13 13	0 20	14 9	0 48	13 36	1 48	23 18	0 6	3 40
T 10	17 1	25 21	3 12	18 17	0 15	14 44	1 1	13 27	0 20	14 7	0 48	13 35	1 48	23 18	0 6	3 39
F 11	17 18	23 57	4 0	17 36	0n5	14 10	0 59	13 41	0 19	14 5	0 48	13 35	1 48	23 18	0 6	3 39
S 12	17 35	21 30	4 37	16 54	0 26	14 35	0 57	13 55	0 19	14 4	0 48	13 34	1 48	23 18	0 6	3 38
S 13	17 51	18 9	5 2	16 12	0 46	14 59	0 55	14 9	0 18	14 2	0 49	13 34	1 47	23 18	0 6	3 38
M14	18 7	14 3	5 14	15 33	1 5	15 24	0 53	14 23	0 17	14 1	0 49	13 33	1 47	23 18	0 6	3 37
T 15	18 23	9 20	5 13	14 56	1 22	15 47	0 51	14 36	0 17	13 59	0 49	13 33	1 47	23 18	0 6	3 36
W16	18 38	4 9	4 57	14 23	1 38	16 11	0 49	14 50	0 16	13 58	0 49	13 32	1 47	23 17	0 6	3 36
T 17	18 53	1n19	4 26	13 55	1 52	16 34	0 47	15 3	0 16	13 56	0 50	13 32	1 47	23 17	0 6	3 36
F 18	19 8	6 53	3 41	13 32	2 4	16 57	0 45	15 17	0 15	13 55	0 50	13 31	1 47	23 17	0 6	3 35
S 19	19 22	12 18	2 43	13 15	2 13	17 19	0 43	15 30	0 15	13 54	0 50	13 30	1 47	23 17	0 6	3 35
S 20	19 36	17 15	1 34	13 3	2 21	17 40	0 41	15 43	0 14	13 52	0 50	13 30	1 47	23 17	0 6	3 34
M21	19 50	21 22	0 18	12 56	2 27	18 2	0 39	15 56	0 13	13 51	0 51	13 29	1 46	23 17	0 7	3 34
T 22	20 3 24	15	1n0	12 54	2 30	18 22	0 37	16 9	0 13	13 50	0 51	13 28	1 46	23 17	0 7	3 33
W23	20 16	25 36	2 16	12 57	2 33	18 43	0 34	16 21	0 12	13 49	0 51	13 27	1 46	23 16	0 7	3 33
T 24	20 29	25 13	3 23	13 4	2 34	19 2	0 32	16 34	0 12	13 48	0 51	13 26	1 46	23 16	0 7	3 32
F 25	20 41	23 10	4 17	13 15	2 33	19 22	0 30	16 46	0 11	13 47	0 52	13 25	1 46	23 16	0 7	3 32
S 26	20 53	19 40	4 55	13 29	2 32	19 40	0 28	16 59	0 11	13 46	0 52	13 24	1 46	23 16	0 7	3 32
S 27	21 4 15	3	5 14	13 46	2 29	19 58	0 25	17 11	0 10	13 45	0 52	13 23	1 46	23 16	0 7	3 31
M28	21 15 9	4 51	5 15	14 5	2 26	20 16	0 23	17 23	0 9	13 45	0 52	13 22	1 46	23 16	0 7	3 31
T 29	21 26 3	5 54	4 57	14 26	2 21	20 33	0 21	17 35	0 9	13 44	0 53	13 21	1 45	23 16	0 7	3 31
W30	21s36	1s58	4n23	14s48	2n17	20s49	0n18	17s47	0n8	13n43	0n53	13s20	1s45	23n15	0n7	3n30

Julian Day Number = 2309769.5, Delta T = 120.22 sec
 Ecliptic obliquity = 23°29'26", Nutation = - 0°00'18"
 Ayanamsha: Fagan/Bradley = 19°19'22", Lahiri = 18°26'22"Greg. Calendar

SWISS EPHEMERIS for the year 1611

DECEMBER 1611 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	4 37 32	8♂29°36	28♁40	18♁15	5♂57	21♁12	26♁0	29♁29	20°R24	24♁7	3°R17	11°R 5	11♁2	12♁9	11♁57
F 2	4 41 29	9°30'34	11♁53	19°26	7°12	21°54	26° 2	29°32	20♁22	24° 8	3♁17	11♁5	10°59	12°16	12° 2
S 3	4 45 25	10°31'33	24°53	20°39	8°28	22°36	26° 4	29°35	20°19	24° 9	3°16	11° 4	10°55	12°22	12° 7
S 4	4 49 22	11°32'33	7♂39	21°55	9°43	23°19	26° 5	29°38	20°17	24° 9	3°15	11° 4	10°52	12°29	12°12
M 5	4 53 18	12°33'34	20°12	23°12	10°59	24° 1	26° 7	29°41	20°14	24°10	3°14	11° 4	10°49	12°36	12°17
T 6	4 57 15	13°34'36	2♁33	24°32	12°14	24°43	26° 8	29°44	20°12	24°11	3°13	11° 4	10°46	12°42	12°23
W 7	5 1 12	14°35'39	14°42	25°53	13°30	25°25	26°10	29°48	20° 9	24°12	3°12	11° 4	10°43	12°49	12°28
T 8	5 5 8	15°36'42	26°43	27°16	14°45	26° 8	26°11	29°51	20° 7	24°12	3°11	11° 3	10°40	12°56	12°33
F 9	5 9 5	16°37'46	8♁37	28°40	16° 1	26°50	26°11	29°55	20° 4	24°13	3°11	11° 3	10°36	13° 3	12°38
S 10	5 13 1	17°38'50	20°27	0♂5	17°17	27°32	26°12	29°59	20° 2	24°13	3°10	11° 2	10°33	13° 9	12°44
S 11	5 16 58	18°39'55	2♁19	1°31	18°32	28°15	26°12	0♁2	19°59	24°14	3° 9	11° 1	10°30	13°16	12°49
M12	5 20 54	19°41'00	14°16	2°57	19°48	28°57	26°R12	0° 6	19°56	24°15	3° 8	11°D 1	10°27	13°23	12°54
T 13	5 24 51	20°42'06	26°22	4°25	21° 3	29°40	26°12	0°10	19°54	24°15	3° 8	11° 1	10°24	13°29	13° 0
W14	5 28 48	21°43'12	8♁43	5°52	22°19	0♂22	26°12	0°14	19°51	24°15	3° 7	11° 1	10°20	13°36	13° 5
T 15	5 32 44	22°44'18	21°23	7°21	23°34	1° 5	26°12	0°18	19°49	24°16	3° 6	11° 2	10°17	13°43	13°10
F 16	5 36 41	23°45'24	4♁25	8°50	24°50	1°47	26°11	0°23	19°46	24°16	3° 6	11° 3	10°14	13°50	13°16
S 17	5 40 37	24°46'31	17°52	10°19	26° 5	2°30	26°11	0°27	19°44	24°17	3° 5	11° 4	10°11	13°56	13°21
S 18	5 44 34	25°47'37	1♁45	11°49	27°21	3°13	26°10	0°31	19°41	24°17	3° 4	11° 5	10° 8	14° 3	13°27
M19	5 48 30	26°48'45	16° 1	13°19	28°36	3°56	26° 8	0°36	19°38	24°17	3° 4	11°R 5	10° 5	14°10	13°32
T 20	5 52 27	27°49'52	0♁37	14°50	29°52	4°38	26° 7	0°40	19°36	24°18	3° 3	11° 5	10° 1	14°16	13°38
W21	5 56 23	28°51'00	15°26	16°21	1♁7	5°21	26° 5	0°45	19°33	24°18	3° 3	11° 3	9°58	14°23	13°43
T 22	6 0 20	29°52'08	0♁20	17°52	2°23	6° 4	26° 4	0°50	19°31	24°18	3° 2	11° 1	9°55	14°30	13°49
F 23	6 4 17	0♁53'17	15°12	19°23	3°38	6°47	26° 2	0°54	19°28	24°18	3° 2	10°58	9°52	14°37	13°54
S 24	6 8 13	1°54'26	29°53	20°55	4°54	7°30	26° 0	0°59	19°26	24°18	3° 1	10°55	9°49	14°43	14° 0
S 25	6 12 10	2°55'35	14♁19	22°27	6° 9	8°13	25°57	1° 4	19°23	24°18	3° 0	10°53	9°46	14°50	14° 6
M26	6 16 6	3°56'45	28°25	24° 0	7°24	8°56	25°55	1° 9	19°21	24°18	3° 0	10°D52	9°42	14°57	14°11
T 27	6 20 3	4°57'55	12♁11	25°33	8°40	9°39	25°52	1°14	19°18	24°R18	3° 0	10°52	9°39	15° 3	14°17
W28	6 23 59	5°59'06	25°37	27° 6	9°55	10°22	25°49	1°19	19°16	24°18	2°59	10°53	9°36	15°10	14°22
T 29	6 27 56	7° 0'17	8♁45	28°39	11°11	11° 5	25°46	1°24	19°14	24°18	2°59	10°55	9°33	15°17	14°28
F 30	6 31 52	8° 1'28	21°37	0♁13	12°26	11°49	25°43	1°30	19°11	24°18	2°58	10°57	9°30	15°23	14°34
S 31	6 35 49	9♁2'39	4♁15	1♁47	13♁42	12♁32	25♁39	1♁35	19♁9	24♁18	2♁58	10♁58	9♁26	15♁30	14♁39

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	21s46	7s41	3n34	15s12	2n11	21s 5	0n16	17s59	0n 8	13n43	0n53	13s19	1s45	23n15	0n 7	3n30	1n16	2s58	16s33	22n 9	22n 9	21s31	16s34	6n25
F 2	21 55	12 58	2 35	15 37	2 5	21 20	0 14	18 10	0 7	13 42	0 53	13 18	1 45	23 15	0 7	3 30	1 16	2 58	16 33	22 9	22 8	21 29	16 34	6 24
S 3	22 4	17 36	1 29	16 2	1 59	21 35	0 11	18 22	0 6	13 42	0 54	13 17	1 45	23 15	0 7	3 29	1 16	2 58	16 33	22 9	22 8	21 28	16 34	6 24
S 4	22 13	21 19	0 19	16 28	1 53	21 49	0 9	18 33	0 6	13 42	0 54	13 16	1 45	23 15	0 7	3 29	1 16	2 58	16 33	22 9	22 7	21 26	16 33	6 24
M 5	22 21	23 58	0s50	16 54	1 46	22 2	0 7	18 44	0 5	13 41	0 54	13 14	1 45	23 14	0 7	3 29	1 16	2 58	16 32	22 9	22 7	21 25	16 33	6 24
T 6	22 29	25 24	1 56	17 21	1 39	22 14	0 4	18 55	0 5	13 41	0 54	13 13	1 45	23 14	0 7	3 29	1 16	2 58	16 32	22 9	22 6	21 23	16 33	6 23
W 7	22 36	25 36	2 56	17 47	1 32	22 26	0 2	19 6	0 4	13 41	0 55	13 12	1 44	23 14	0 7	3 28	1 16	2 58	16 32	22 9	22 6	21 22	16 33	6 23
T 8	22 43	24 34	3 47	18 13	1 24	22 38	0s 1	19 16	0 3	13 41	0 55	13 10	1 44	23 14	0 7	3 28	1 16	2 58	16 32	22 9	22 6	21 20	16 32	6 23
F 9	22 49	22 27	4 28	18 39	1 17	22 48	0 3	19 27	0 3	13 41	0 55	13 9	1 44	23 14	0 7	3 28	1 16	2 58	16 31	22 9	22 5	21 18	16 32	6 23
S 10	22 55	19 23	4 57	19 5	1 9	22 58	0 5	19 37	0 2	13 41	0 55	13 8	1 44	23 14	0 7	3 28	1 16	2 58	16 31	22 9	22 5	21 17	16 32	6 23
S 11	23 0	15 32	5 13	19 30	1 2	23 7	0 8	19 47	0 1	13 41	0 56	13 6	1 44	23 13	0 7	3 28	1 16	2 58	16 31	22 9	22 4	21 15	16 31	6 23
M12	23 5	11 4	5 16	19 54	0 54	23 16	0 10	19 57	0 1	13 41	0 56	13 5	1 44	23 13	0 7	3 28	1 16	2 58	16 31	22 9	22 4	21 14	16 31	6 22
T 13	23 10	6 7	5 6	20 18	0 47	23 24	0 13	20 7	0 0	13 41	0 56	13 3	1 44	23 13	0 7	3 27	1 16	2 58	16 30	22 9	22 3	21 12	16 31	6 22
W14	23 14	0 50	4 41	20 41	0 39	23 31	0 15	20 17	0s 0	13 42	0 56	13 2	1 44	23 13	0 7	3 27	1 16	2 58	16 30	22 9	22 3	21 11	16 30	6 22
T 15	23 17	4n37	4 2	21 4	0 32	23 37	0 17	20 26	0 1	13 42	0 57	13 0	1 44	23 13	0 7	3 27	1 16	2 58	16 30	22 9	22 2	21 9	16 30	6 22
F 16	23 21	10 3	3 9	21 25	0 24	23 43	0 20	20 36	0 2	13 43	0 57	12 59	1 43	23 12	0 7	3 27	1 16	2 58	16 30	22 9	22 2	21 7	16 30	6 22
S 17	23 23	15 12	2 5	21 46	0 17	23 48	0 22	20 45	0 2	13 43	0 57	12 57	1 43	23 12	0 7	3 27	1 17	2 58	16 29	22 9	22 1	21 6	16 29	6 22
S 18	23 25	19 43	0 51	22 6	0 9	23 52	0 24	20 54	0 3	13 44	0 58	12 55	1 43	23 12	0 7	3 27	1 17	2 58	16 29	22 9	22 1	21 4	16 29	6 22
M19	23 27	23 12	0n27	22 25	0 2	23 56	0 27	21 2	0 4	13 44	0 58	12 54	1 43	23 12	0 7	3 27	1 17	2 58	16 29	22 9	22 0	21 3	16 28	6 21
T 20	23 28	25 15	1 46	22 42	0s 5	23 58	0 29	21 11	0 4	13 45	0 58	12 52	1 43	23 12	0 7	3 27	1 17	2 57	16 28	22 9	22 0	21 1	16 28	6 21
W21	23 29	25 33	2 58	22 59	0 12	24 0	0 31	21 19	0 5	13 46	0 58	12 50	1 43	23 12	0 7	3 27	1 17	2 57	16 28	22 9	22 0	20 59	16 28	6 21
T 22	23 29	24 1	3 59	23 15	0 19	24 1	0 33	21 27	0 6	13 47	0 59	12 48	1 43	23 11	0 7	3 27	1 17	2 57	16 28	22 9	21 59	20 58	16 27	6 21
F 23	23 29	20 50	4 44	23 30	0 26	24 2	0 36	21 35	0 6	13 47	0 59	12 47	1 43	23 11	0 7	3 27	1 17	2 57	16 27	22 8	21 59	20 56	16 27	6 21
S 24	23 29	16 21	5 9	23 43	0 32	24 2	0 38	21 43	0 7	13 48	0 59	12 45	1 43	23 11	0 7	3 27	1 17	2 57	16 27	22 8	21 58	20 54	16 26	6 21
S 25	23 27	11 1	5 14	23 55	0 39	24 1	0 40	21 51	0 8	13 49	0 59	12 43	1 43	23 11	0 7	3 27	1 17	2 57	16 27	22 8	21 58	20 53	16 26	6 21
M26	23 26	5 13	5 0	24 6	0 45	23 59	0 42	21 58	0 8	13 51	1 0	12 41	1 43	23 11	0 7	3 27	1 17	2 57	16 27	22 7	21 57	20 51	16 25	6 21
T 27	23 24	0s42	4 29	24 16	0 51	23 56	0 44	22 6	0 9	13 52	1 0	12 39	1 42	23 10	0 7	3 27	1 17	2 57	16 26	22 7	21 57	20 49	16 25	6 21
W28	23 21	6 27	3 44	24 25	0 57	23 53	0 46	22 13	0 10	13 53	1 0	12 37	1 42	23 10	0 7	3 27	1 17	2 56	16 26	22 8	21 56	20 48	16 24	6 21
T 29	23 18	11 48	2 48	24 32	1 3																			