

SWISS EPHEMERIS for the year 1615

JANUARY 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	6 40 51	10°21'09	27°31'11	23°R37	26°A43	0°R51	19°M53	6°Y58	2°R59	0°Ω53	5°R50	11°R21	11°Y21	17°II43	3°≈50
F 2	6 44 48	11°22'20	11°≈59	23°31	27°58	0°Ω31	20° 4	7° 1	2°Ω56	0°R53	5°Ω50	11°Y11	11°18	17°50	3°54
S 3	6 48 44	12°23'31	26°20	22°14	29°14	0°10	20°14	7° 3	2°54	0°53	5°49	11° 3	11°15	17°57	3°59
S 4	6 52 41	13°24'42	10°K11	21°17	0°Ω29	29°Ω49	20°24	7° 6	2°51	0°53	5°49	10°58	11°12	18° 3	4° 3
M 5	6 56 37	14°25'52	23°32	20°11	1°44	29°27	20°35	7° 9	2°48	0°53	5°49	10°55	11° 9	18°10	4° 8
T 6	7 0 34	15°27'02	6°Y25	18°59	3° 0	29° 5	20°45	7°12	2°46	0°52	5°48	10°54	11° 5	18°17	4°13
W 7	7 4 30	16°28'11	18°56	17°41	4°15	28°43	20°55	7°15	2°43	0°52	5°48	10°54	11° 2	18°23	4°17
T 8	7 8 27	17°29'19	1°8 8	16°22	5°31	28°20	21° 5	7°18	2°41	0°52	5°48	10°54	10°59	18°30	4°22
F 9	7 12 23	18°30'26	13° 9	15° 3	6°46	27°57	21°15	7°21	2°38	0°52	5°47	10°51	10°56	18°37	4°27
S 10	7 16 20	19°31'33	25° 1	13°47	8° 1	27°33	21°24	7°24	2°36	0°52	5°47	10°47	10°53	18°44	4°31
S 11	7 20 17	20°32'40	6°II51	12°36	9°17	27°10	21°34	7°28	2°34	0°51	5°47	10°39	10°49	18°50	4°36
M12	7 24 13	21°33'45	18°41	11°32	10°32	26°46	21°44	7°31	2°31	0°51	5°47	10°28	10°46	18°57	4°41
T 13	7 28 10	22°34'50	0°Ω35	10°35	11°47	26°22	21°53	7°35	2°29	0°51	5°47	10°16	10°43	19° 4	4°45
W14	7 32 6	23°35'54	12°34	9°47	13° 3	25°58	22° 2	7°38	2°26	0°50	5°47	10° 1	10°40	19°10	4°50
T 15	7 36 3	24°36'58	24°40	9° 9	14°18	25°34	22°12	7°42	2°24	0°50	5°46	9°47	10°37	19°17	4°55
F 16	7 39 59	25°38'00	6°Ω53	8°39	15°33	25°10	22°21	7°46	2°22	0°49	5°46	9°34	10°34	19°24	5° 0
S 17	7 43 56	26°39'02	19°15	8°19	16°49	24°46	22°30	7°50	2°19	0°49	5°46	9°23	10°30	19°31	5° 4
S 18	7 47 53	27°40'04	1°M46	8° 8	18° 4	24°22	22°38	7°54	2°17	0°48	5°46	9°14	10°27	19°37	5° 9
M19	7 51 49	28°41'04	14°26	8°D 6	19°19	23°58	22°47	7°58	2°15	0°48	5°46	9° 9	10°24	19°44	5°14
T 20	7 55 46	29°42'04	27°19	8°11	20°35	23°35	22°56	8° 2	2°13	0°47	5°D46	9° 6	10°21	19°51	5°19
W21	7 59 42	0°≈43'03	10°Ω25	8°24	21°50	23°11	23° 4	8° 7	2°10	0°47	5°46	9°D 5	10°18	19°57	5°24
T 22	8 3 39	1°44'02	23°48	8°43	23° 5	22°48	23°13	8°11	2° 8	0°46	5°46	9° 6	10°15	20° 4	5°28
F 23	8 7 35	2°45'00	7°M30	9° 9	24°20	22°26	23°21	8°15	2° 6	0°45	5°46	9°R 6	10°11	20°11	5°33
S 24	8 11 32	3°45'58	21°31	9°41	25°36	22° 3	23°29	8°20	2° 4	0°45	5°46	9° 5	10° 8	20°18	5°38
S 25	8 15 28	4°46'55	5°A53	10°17	26°51	21°42	23°37	8°25	2° 2	0°44	5°47	9° 1	10° 5	20°24	5°43
M26	8 19 25	5°47'51	20°32	10°59	28° 6	21°20	23°45	8°29	2° 0	0°43	5°47	8°55	10° 2	20°31	5°48
T 27	8 23 22	6°48'47	5°Ω24	11°44	29°22	20°59	23°53	8°34	1°58	0°42	5°47	8°46	9°59	20°38	5°53
W28	8 27 18	7°49'41	20°20	12°34	0°≈37	20°39	24° 0	8°39	1°56	0°42	5°47	8°37	9°55	20°44	5°57
T 29	8 31 15	8°50'35	5°≈13	13°27	1°52	20°19	24° 8	8°44	1°54	0°41	5°47	8°27	9°52	20°51	6° 2
F 30	8 35 11	9°51'27	19°52	14°24	3° 7	20° 0	24°15	8°49	1°52	0°40	5°47	8°18	9°49	20°58	6° 7
S 31	8 39 8	10°52'18	4°K10	15°Ω23	4°≈23	19°Ω41	24°M22	8°Y54	1°Ω50	0°Ω39	5°Ω48	8°Y11	9°Y46	21°II 5	6°≈12

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
T 1	23s 5	25s29	4s49	20s20	1n 7	23s19	0n 8	23n54	3n59	16s48	0n59	0n29	2s29	23n45	0n18	0n57
F 2	23 0	21 22	4 18	20 6	1 26	23 23	0 6	24 0	4 1	16 51	0 59	0 31	2 29	23 45	0 18	0 57
S 3	22 55	16 5	3 32	19 55	1 45	23 26	0 3	24 7	4 3	16 54	0 59	0 32	2 29	23 45	0 18	0 57
S 4	22 49	10 9	2 35	19 46	2 4	23 29	0 1	24 13	4 5	16 57	0 59	0 33	2 28	23 45	0 18	0 57
M 5	22 42	3 58	1 30	19 38	2 21	23 31	0s 2	24 19	4 6	16 59	0 59	0 35	2 28	23 46	0 18	0 57
T 6	22 36	2n11	0 24	19 33	2 37	23 32	0 4	24 26	4 8	17 2	0 59	0 36	2 28	23 46	0 18	0 58
W 7	22 28	8 5	0n42	19 29	2 52	23 32	0 7	24 32	4 10	17 4	0 59	0 37	2 28	23 46	0 18	0 58
T 8	22 21	13 32	1 45	19 27	3 4	23 32	0 9	24 38	4 11	17 7	0 59	0 39	2 27	23 46	0 18	0 58
F 9	22 13	18 23	2 41	19 26	3 13	23 31	0 12	24 44	4 13	17 10	0 59	0 40	2 27	23 46	0 18	0 58
S 10	22 4	22 28	3 30	19 27	3 20	23 29	0 14	24 51	4 14	17 12	0 59	0 42	2 27	23 46	0 18	0 58
S 11	21 55	25 36	4 10	19 30	3 25	23 26	0 17	24 56	4 15	17 14	0 59	0 43	2 27	23 46	0 18	0 58
M12	21 46	27 38	4 39	19 33	3 27	23 23	0 19	25 2	4 16	17 17	0 59	0 45	2 26	23 46	0 18	0 58
T 13	21 36	28 25	4 56	19 38	3 27	23 19	0 21	25 8	4 17	17 19	1 0	0 47	2 26	23 46	0 18	0 59
W14	21 25	27 52	5 0	19 44	3 25	23 15	0 24	25 13	4 18	17 21	1 0	0 48	2 26	23 46	0 18	0 59
T 15	21 15	25 59	4 50	19 50	3 21	23 9	0 26	25 19	4 19	17 24	1 0	0 50	2 26	23 46	0 18	0 59
F 16	21 4	22 54	4 27	19 58	3 15	23 3	0 28	25 24	4 20	17 26	1 0	0 52	2 25	23 46	0 18	0 59
S 17	20 52	18 44	3 51	20 6	3 8	22 56	0 31	25 29	4 20	17 28	1 0	0 53	2 25	23 46	0 18	0 59
S 18	20 40	13 44	3 4	20 14	3 0	22 49	0 33	25 34	4 21	17 30	1 0	0 55	2 25	23 46	0 18	1 0
M19	20 28	8 5	2 7	20 23	2 52	22 40	0 35	25 38	4 21	17 32	1 0	0 57	2 25	23 46	0 18	1 0
T 20	20 15	2 1	1 2	20 32	2 42	22 31	0 37	25 43	4 21	17 35	1 0	0 59	2 24	23 46	0 18	1 0
W21	20 2	4s15	0s 7	20 41	2 33	22 22	0 39	25 47	4 21	17 37	1 0	1 1	2 24	23 46	0 18	1 1
T 22	19 49	10 27	1 17	20 50	2 22	22 12	0 41	25 51	4 21	17 39	1 0	1 3	2 24	23 46	0 18	1 1
F 23	19 35	16 19	2 25	20 59	2 12	22 1	0 44	25 55	4 21	17 41	1 0	1 5	2 24	23 46	0 18	1 1
S 24	19 21	21 29	3 25	21 7	2 1	21 49	0 46	25 58	4 21	17 42	1 1	1 7	2 24	23 46	0 18	1 2
S 25	19 7	25 31	4 15	21 15	1 50	21 37	0 48	26 2	4 21	17 44	1 1	1 9	2 23	23 46	0 18	1 2
M26	18 52	27 56	4 48	21 23	1 40	21 24	0 50	26 5	4 20	17 46	1 1	1 11	2 23	23 46	0 18	1 2
T 27	18 37	28 25	5 3	21 30	1 29	21 10	0 51	26 8	4 20	17 48	1 1	1 13	2 23	23 46	0 18	1 3
W28	18 21	26 51	4 57	21 36	1 18	20 56	0 53	26 10	4 19	17 50	1 1	1 15	2 23	23 47	0 18	1 3
T 29	18 5	23 23	4 31	21 41	1 8	20 41	0 55	26 13	4 19	17 52	1 1	1 17	2 23	23 47	0 18	1 3
F 30	17 49	18 30	3 48	21 46	0 57	20 26	0 57	26 15	4 18	17 53	1 1	1 19	2 22	23 47	0 18	1 4
S 31	17s33	12s39	2s51	21s49	0n47	20s10	0s59	26n17	4n17	17s55	1n 1	1n22	2s22	23n47	0n18	1n 4

Julian Day Number = 2310926.5, Delta T = 100.21 sec
 Ecliptic obliquity = 23°29'30, Nutation = - 0°00'03
 Ayanamsha: Fagan/Bradley = 19°22'01, Lahiri = 18°29'01 Greg. Calendar

SWISS EPHEMERIS for the year 1615

FEBRUARY 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	8 43 4	11 ⁵³ 07	18 ³ 3	16 ²⁵	5 ³⁸	19 ^{R23}	24 ²⁹	8 ⁵⁹	1 ^{R48}	0 ^{R38}	5 ⁴⁸	8 ^{R 7}	9 ^{Y43}	21 ^{II11}	6 ¹⁷
M 2	8 47 1	12 ⁵³ 55	1 ^{Y28}	17 ³⁰	6 ⁵³	19 ⁶	24 ³⁶	9 ⁵	1 ⁶⁴⁷	0 ³⁷	5 ⁴⁸	8 ^{Y 5}	9 ⁴⁰	21 ¹⁸	6 ²¹
T 3	8 50 57	13 ⁵⁴ 42	14 ²⁸	18 ³⁶	8 ⁸	18 ⁴⁹	24 ⁴³	9 ¹⁰	1 ⁴⁵	0 ³⁶	5 ⁴⁹	8 ^{D 5}	9 ³⁶	21 ²⁵	6 ²⁶
W 4	8 54 54	14 ⁵⁵ 27	27 ⁴	19 ⁴⁵	9 ²⁴	18 ³³	24 ⁴⁹	9 ¹⁵	1 ⁴³	0 ³⁵	5 ⁴⁹	8 ⁶	9 ³³	21 ³¹	6 ³¹
T 5	8 58 51	15 ⁵⁶ 10	9 ²¹	20 ⁵⁶	10 ³⁹	18 ¹⁸	24 ⁵⁶	9 ²¹	1 ⁴²	0 ³⁴	5 ⁴⁹	8 ⁷	9 ³⁰	21 ³⁸	6 ³⁶
F 6	9 2 47	16 ⁵⁶ 52	21 ²⁴	22 ⁹	11 ⁵⁴	18 ³	25 ²	9 ²⁶	1 ⁴⁰	0 ³³	5 ⁵⁰	8 ^{R 7}	9 ²⁷	21 ⁴⁵	6 ⁴⁰
S 7	9 6 44	17 ⁵⁷ 32	3 ^{II19}	23 ²³	13 ⁹	17 ⁵⁰	25 ⁸	9 ³²	1 ³⁸	0 ³²	5 ⁵⁰	8 ⁵	9 ²⁴	21 ⁵²	6 ⁴⁵
S 8	9 10 40	18 ⁵⁸ 11	15 ¹⁰	24 ³⁹	14 ²⁴	17 ³⁷	25 ¹⁴	9 ³⁸	1 ³⁷	0 ³¹	5 ⁵⁰	8 ²	9 ²⁰	21 ⁵⁸	6 ⁵⁰
M 9	9 14 37	19 ⁵⁸ 48	27 ¹	25 ⁵⁷	15 ⁴⁰	17 ²⁵	25 ²⁰	9 ⁴³	1 ³⁵	0 ²⁹	5 ⁵¹	7 ⁵⁶	9 ¹⁷	22 ⁵	6 ⁵⁵
T 10	9 18 33	20 ⁵⁹ 23	8 ⁵⁸	27 ¹⁶	16 ⁵⁵	17 ¹³	25 ²⁶	9 ⁴⁹	1 ³⁴	0 ²⁸	5 ⁵¹	7 ⁴⁹	9 ¹⁴	22 ¹²	6 ⁵⁹
W 11	9 22 30	21 ⁵⁹ 56	21 ²	28 ³⁶	18 ¹⁰	17 ³	25 ³¹	9 ⁵⁵	1 ³³	0 ²⁷	5 ⁵²	7 ⁴⁰	9 ¹¹	22 ¹⁹	7 ⁴
T 12	9 26 26	23 ⁰ 28	3 ^{II16}	29 ⁵⁸	19 ²⁵	16 ⁵³	25 ³⁶	10 ¹	1 ³¹	0 ²⁶	5 ⁵²	7 ³¹	9 ⁸	22 ²⁵	7 ⁹
F 13	9 30 23	24 ⁰ 58	15 ⁴¹	1 ²¹	20 ⁴⁰	16 ⁴⁴	25 ⁴²	10 ⁷	1 ³⁰	0 ²⁵	5 ⁵³	7 ²³	9 ⁵	22 ³²	7 ¹³
S 14	9 34 20	25 ¹ 27	28 ¹⁹	2 ⁴⁵	21 ⁵⁵	16 ³⁶	25 ⁴⁷	10 ¹³	1 ²⁹	0 ²³	5 ⁵³	7 ¹⁶	9 ¹	22 ³⁹	7 ¹⁸
S 15	9 38 16	26 ¹ 54	11 ^{II8}	4 ¹⁰	23 ¹⁰	16 ²⁸	25 ⁵¹	10 ¹⁹	1 ²⁷	0 ²²	5 ⁵⁴	7 ¹¹	8 ⁵⁸	22 ⁴⁵	7 ²³
M 16	9 42 13	27 ² 19	24 ⁹	5 ³⁷	24 ²⁵	16 ²²	25 ⁵⁶	10 ²⁶	1 ²⁶	0 ²¹	5 ⁵⁴	7 ⁸	8 ⁵⁵	22 ⁵²	7 ²⁷
T 17	9 46 9	28 ² 43	7 ^{II2}	7 ⁴	25 ⁴⁰	16 ¹⁶	26 ¹	10 ³²	1 ²⁵	0 ¹⁹	5 ⁵⁵	7 ^{D 7}	8 ⁵²	22 ⁵⁹	7 ³²
W 18	9 50 6	29 ³ 05	20 ⁴⁶	8 ³³	26 ⁵⁵	16 ¹¹	26 ⁵	10 ³⁸	1 ²⁴	0 ¹⁸	5 ⁵⁶	7 ⁸	8 ⁴⁹	23 ⁶	7 ³⁶
T 19	9 54 2	0 ^{II3}	3 ²⁶	4 ^{II22}	10 ³	28 ¹⁰	16 ⁷	26 ⁹	1 ²³	0 ¹⁷	5 ⁵⁶	7 ¹⁰	8 ⁴⁶	23 ¹²	7 ⁴¹
F 20	9 57 59	1 ³ 45	18 ¹⁰	11 ³³	29 ²⁶	16 ³	26 ¹³	10 ⁵¹	1 ²²	0 ¹⁵	5 ⁵⁷	7 ¹¹	8 ⁴²	23 ¹⁹	7 ⁴⁵
S 21	10 1 55	2 ⁴ 03	2 ^{II10}	13 ⁵	0 ^{II41}	16 ⁰	26 ¹⁷	10 ⁵⁷	1 ²¹	0 ¹⁴	5 ⁵⁸	7 ^{R12}	8 ³⁹	23 ²⁶	7 ⁵⁰
S 22	10 5 52	3 ⁴ 20	16 ²⁰	14 ³⁸	1 ⁵⁶	15 ⁵⁸	26 ²¹	11 ⁴	1 ²⁰	0 ¹³	5 ⁵⁸	7 ¹¹	8 ³⁶	23 ³²	7 ⁵⁴
M 23	10 9 49	4 ⁴ 35	0 ^{II40}	16 ¹²	3 ¹¹	15 ⁵⁷	26 ²⁴	11 ¹⁰	1 ²⁰	0 ¹¹	5 ⁵⁹	7 ⁹	8 ³³	23 ³⁹	7 ⁵⁹
T 24	10 13 45	5 ⁴ 49	15 ⁷	17 ⁴⁷	4 ²⁶	15 ^{D57}	26 ²⁸	11 ¹⁷	1 ¹⁹	0 ¹⁰	6 ⁰	7 ⁵	8 ³⁰	23 ⁴⁶	8 ³
W 25	10 17 42	6 ⁵ 01	29 ³⁵	19 ²³	5 ⁴¹	15 ⁵⁷	26 ³¹	11 ²⁴	1 ¹⁸	0 ⁸	6 ⁰	7 ⁰	8 ²⁶	23 ⁵³	8 ⁷
T 26	10 21 38	7 ⁵ 11	13 ⁵⁹	21 ⁰	6 ⁵⁵	15 ⁵⁸	26 ³⁴	11 ³⁰	1 ¹⁷	0 ⁷	6 ¹	6 ⁵⁶	8 ²³	23 ⁵⁹	8 ¹²
F 27	10 25 35	8 ⁵ 20	28 ¹⁴	22 ³⁸	8 ¹⁰	16 ⁰	26 ³⁷	11 ³⁷	1 ¹⁷	0 ⁵	6 ²	6 ⁵¹	8 ²⁰	24 ⁶	8 ¹⁶
S 28	10 29 31	9 ^{II5}	2 ^{II13}	24 ¹⁸	9 ^{II25}	16 ²	26 ³⁹	11 ^{Y44}	1 ¹⁶	0 ⁴	6 ^{Y3}	6 ^{Y48}	8 ^{Y17}	24 ^{II13}	8 ²⁰

Day	☉			☽			♀			♁			♂			♃			♅			♁			♁			♁		
	decl	decl	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat
S 1	17s16	6s21	1s45	21s52	0n37	19s53	1s0	26n19	4n16	17s56	1n1	1n24	2s22	23n47	0n18	1n5	1n27	1s37	15s58	3n14	3n51	28n4	12s30	6n26						
M 2	16 59	0n3	0 35	21 54	0 27	19 36	1 2	26 20	4 15	17 58	1 1	1 26	2 22	23 47	0 18	1 5	1 27	1 36	15 58	3 13	3 50	28 5	12 29	6 26						
T 3	16 41	6 14	0n34	21 54	0 18	19 18	1 4	26 22	4 14	18 0	1 2	1 28	2 22	23 47	0 18	1 5	1 27	1 36	15 57	3 13	3 49	28 6	12 28	6 26						
W 4	16 24	12 0	1 40	21 54	0 8	18 59	1 5	26 23	4 13	18 1	1 2	1 31	2 21	23 47	0 18	1 6	1 27	1 35	15 57	3 13	3 48	28 6	12 27	6 26						
T 5	16 6	17 10	2 40	21 52	0s 1	18 41	1 7	26 24	4 12	18 2	1 2	1 33	2 21	23 47	0 18	1 6	1 27	1 35	15 56	3 14	3 46	28 7	12 26	6 26						
F 6	15 47	21 33	3 31	21 50	0 10	18 21	1 8	26 25	4 11	18 4	1 2	1 35	2 21	23 47	0 18	1 7	1 27	1 34	15 56	3 14	3 45	28 8	12 25	6 26						
S 7	15 29	25 0	4 13	21 46	0 18	18 1	1 10	26 25	4 9	18 5	1 2	1 38	2 21	23 47	0 18	1 7	1 27	1 34	15 56	3 13	3 44	28 8	12 23	6 26						
S 8	15 10	27 21	4 43	21 41	0 27	17 41	1 11	26 26	4 8	18 7	1 2	1 40	2 21	23 47	0 18	1 8	1 27	1 33	15 55	3 11	3 43	28 9	12 22	6 26						
M 9	14 51	28 29	5 2	21 34	0 35	17 20	1 12	26 26	4 7	18 8	1 2	1 43	2 20	23 47	0 18	1 8	1 27	1 33	15 55	3 9	3 41	28 10	12 21	6 26						
T 10	14 32	28 18	5 7	21 27	0 43	16 58	1 14	26 26	4 5	18 9	1 2	1 45	2 20	23 47	0 18	1 9	1 27	1 33	15 55	3 6	3 40	28 10	12 20	6 26						
W 11	14 12	26 46	4 59	21 18	0 50	16 36	1 15	26 26	4 4	18 10	1 3	1 47	2 20	23 47	0 18	1 9	1 27	1 32	15 54	3 3	3 39	28 11	12 18	6 27						
T 12	13 53	23 57	4 37	21 8	0 57	16 14	1 16	26 25	4 2	18 11	1 3	1 50	2 20	23 47	0 18	1 10	1 27	1 32	15 54	2 59	3 38	28 12	12 17	6 27						
F 13	13 33	20 1	4 2	20 57	1 4	15 51	1 17	26 25	4 0	18 12	1 3	1 52	2 20	23 47	0 18	1 10	1 27	1 31	15 54	2 56	3 36	28 12	12 16	6 27						
S 14	13 13	15 7	3 14	20 44	1 11	15 28	1 18	26 24	3 59	18 14	1 3	1 55	2 20	23 47	0 18	1 11	1 27	1 31	15 53	2 53	3 35	28 13	12 15	6 27						
S 15	12 52	9 30	2 16	20 30	1 17	15 4	1 19	26 24	3 57	18 15	1 3	1 57	2 19	23 47	0 18	1 11	1 27	1 30	15 53	2 51	3 34	28 14	12 14	6 27						
M 16	12 32	3 24	1 10	20 15	1 23	14 40	1 20	26 23	3 55	18 16	1 3	2 0	2 19	23 47	0 18	1 12	1 27	1 30	15 53	2 50	3 33	28 14	12 12	6 27						
T 17	12 11	2s57	0s 1	19 59	1 29	14 15	1 21	26 22	3 54	18 17	1 3	2 3	2 19	23 47	0 18	1 13	1 28	1 29	15 52	2 50	3 31	28 15	12 11	6 27						
W 18	11 50	9 16	1 14	19 41	1 34	13 50	1 22	26 21	3 52	18 17	1 3	2 5	2 19	23 47	0 18	1 13	1 28	1 29	15 52	2 50	3 30	28 15	12 10	6 27						
T 19	11 29	15 15	2 23	19 21	1 39	13 25	1 22	26 20	3 50	18 18	1 4	2 8	2 19	23 47	0 18	1 14	1 28	1 28	15 52	2 51	3 29	28 16	12 9	6 27						
F 20	11 7	20 33	3 25	19 1	1 44	13 0	1 23	26 18	3 48	18 19	1 4	2 11	2 19	23 47	0 18	1 14	1 28	1 28	15 52	2 51	3 28	28 17	12 7	6 28						
S 21	10 46	24 49	4 15	18 39	1 48	12 34	1 24	26 17	3 47	18 20	1 4	2 13	2 19	23 47	0 18	1 15	1 28	1 27	15 51	2 52	3 26	28 17	12 6	6 28						
S 22	10 24	27 37	4 51	18 16	1 52	12 7	1 24	26 15	3 45	18 21	1 4	2 16	2 18	23 47	0 18	1 15	1 28	1 27	15 51	2 51	3 25	28 18	12 5	6 28						
M 23	10 2	28 39	5 10	17 51	1 56	11 41	1 25	26 14	3 43	18 21	1 4	2 19	2 18	23 47	0 18	1 16	1 28	1 26	15 51	2 50	3 24	28 18	12 3	6 28						
T 24	9 40	27 45	5 9	17 25	1 59	11 14	1 25	26 12	3 41	18 22	1 4	2 21	2 18	23 47	0 18	1 17	1 28	1 26	15 50	2 49	3 23	28 19	12 2	6 28						
W 25	9 18	24 58	4 48	16 58	2 2	1																								

SWISS EPHEMERIS for the year 1615

MARCH 1615 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	10 33 28	10♌ 5'32	25♋54	25♊58	10♌40	16♍6	26♎42	11♏51	1°R16	0°R 2	6♄ 4	6°R46	8♏14	24♐19	8♏25								
M 2	10 37 24	11° 5'35	9♏13	27°39	11°55	16° 9	26°44	11°58	1♌15	0♎ 1	6° 4	6°D46	8°11	24°26	8°29								
T 3	10 41 21	12° 5'36	22°11	29°22	13°10	16°14	26°46	12° 4	1°15	29♎59	6° 5	6°Y47	8° 7	24°33	8°33								
W 4	10 45 18	13° 5'34	4♄49	1♌ 5	14°25	16°19	26°48	12°11	1°15	29°58	6° 6	6°48	8° 4	24°40	8°37								
T 5	10 49 14	14° 5'31	17° 9	2°50	15°40	16°25	26°49	12°18	1°14	29°56	6° 7	6°50	8° 1	24°46	8°41								
F 6	10 53 11	15° 5'26	29°16	4°36	16°55	16°32	26°51	12°25	1°14	29°54	6° 8	6°51	7°58	24°53	8°46								
S 7	10 57 7	16° 5'18	11♐13	6°23	18° 9	16°39	26°52	12°33	1°14	29°53	6° 9	6°R52	7°55	25° 0	8°50								
S 8	11 1 4	17° 5'08	23° 6	8°11	19°24	16°47	26°53	12°40	1°14	29°51	6°10	6°52	7°52	25° 6	8°54								
M 9	11 5 0	18° 4'56	4♄59	10° 1	20°39	16°55	26°54	12°47	1°14	29°50	6°11	6°51	7°48	25°13	8°58								
T 10	11 8 57	19° 4'42	16°57	11°51	21°54	17° 4	26°55	12°54	1°D14	29°48	6°12	6°49	7°45	25°20	9° 2								
W 11	11 12 53	20° 4'25	29° 4	13°43	23° 8	17°14	26°56	13° 1	1°14	29°46	6°13	6°47	7°42	25°27	9° 6								
T 12	11 16 50	21° 4'06	11♏23	15°36	24°23	17°24	26°56	13° 8	1°14	29°45	6°14	6°45	7°39	25°33	9° 9								
F 13	11 20 47	22° 3'45	23°57	17°30	25°38	17°35	26°56	13°16	1°14	29°43	6°15	6°42	7°36	25°40	9°13								
S 14	11 24 43	23° 3'22	6♎48	19°25	26°52	17°46	26°R56	13°23	1°14	29°41	6°16	6°41	7°32	25°47	9°17								
S 15	11 28 40	24° 2'57	19°56	21°21	28° 7	17°58	26°56	13°30	1°14	29°40	6°17	6°39	7°29	25°54	9°21								
M 16	11 32 36	25° 2'29	3♄20	23°19	29°22	18°10	26°56	13°38	1°15	29°38	6°18	6°D39	7°26	26° 0	9°24								
T 17	11 36 33	26° 2'00	16°58	25°17	0♏36	18°23	26°55	13°45	1°15	29°37	6°19	6°39	7°23	26° 7	9°28								
W 18	11 40 29	27° 1'28	0♎49	27°17	1°51	18°36	26°54	13°52	1°15	29°35	6°20	6°40	7°20	26°14	9°32								
T 19	11 44 26	28° 0'55	14°50	29°17	3° 6	18°50	26°53	14° 0	1°16	29°33	6°21	6°40	7°17	26°20	9°35								
F 20	11 48 22	29° 0'20	28°58	1°Y18	4°20	19° 5	26°52	14° 7	1°16	29°32	6°22	6°41	7°13	26°27	9°39								
S 21	11 52 19	29°59'44	13♌ 9	3°20	5°35	19°19	26°51	14°15	1°17	29°30	6°23	6°42	7°10	26°34	9°42								
S 22	11 56 15	0♏59'05	27°23	5°22	6°49	19°35	26°49	14°22	1°18	29°28	6°24	6°R42	7° 7	26°41	9°46								
M 23	12 0 12	1°58'25	11♋35	7°25	8° 4	19°50	26°48	14°30	1°18	29°27	6°26	6°42	7° 4	26°47	9°49								
T 24	12 4 9	2°57'43	25°44	9°27	9°18	20° 7	26°46	14°37	1°19	29°25	6°27	6°42	7° 1	26°54	9°53								
W 25	12 8 5	3°57'00	9♏48	11°30	10°33	20°23	26°44	14°45	1°20	29°23	6°28	6°41	6°58	27° 1	9°56								
T 26	12 12 2	4°56'14	23°43	13°31	11°47	20°40	26°42	14°52	1°21	29°22	6°29	6°41	6°54	27° 7	9°59								
F 27	12 15 58	5°55'26	7♌28	15°33	13° 1	20°58	26°39	15° 0	1°22	29°20	6°30	6°41	6°51	27°14	10° 2								
S 28	12 19 55	6°54'37	21° 1	17°33	14°16	21°15	26°37	15° 7	1°22	29°18	6°32	6°D41	6°48	27°21	10° 5								
S 29	12 23 51	7°53'46	4♏19	19°31	15°30	21°34	26°34	15°15	1°23	29°17	6°33	6°R41	6°45	27°28	10° 9								
M 30	12 27 48	8°52'52	17°22	21°28	16°45	21°52	26°31	15°22	1°25	29°15	6°34	6°41	6°42	27°34	10°12								
T 31	12 31 44	9°Y51'56	0♌10	23°Y22	17°Y59	22♋11	26♎28	15°Y30	1°26	29°13	6°35	6°Y41	6°Y38	27°Y41	10°15								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	7s48	2s32	0s59	14s55	2s 9	8s54	1s26	26n 2	3n32	18s25	1n 5	2n35	2s18	23n47	0n18	1n20	1n28	1s23	15s49	2n42	3n16	28n22	11s56	6n29
M 2	7 25	3n52	0n13	14 21	2 10	8 26	1 26	25 59	3 30	18 25	1 5	2 38	2 17	23 47	0 18	1 20	1 28	1 23	15 48	2 42	3 15	28 22	11 55	6 29
T 3	7 2	9 57	1 24	13 45	2 10	7 57	1 26	25 57	3 28	18 25	1 5	2 41	2 17	23 47	0 18	1 21	1 28	1 22	15 48	2 42	3 14	28 23	11 53	6 30
W 4	6 39	15 29	2 28	13 8	2 10	7 28	1 26	25 54	3 26	18 26	1 5	2 43	2 17	23 47	0 18	1 22	1 28	1 21	15 48	2 42	3 12	28 23	11 52	6 30
T 5	6 16	20 15	3 24	12 30	2 10	6 59	1 26	25 52	3 25	18 26	1 5	2 46	2 17	23 47	0 18	1 22	1 28	1 21	15 48	2 43	3 11	28 24	11 51	6 30
F 6	5 53	24 6	4 10	11 51	2 9	6 30	1 26	25 49	3 23	18 26	1 5	2 49	2 17	23 47	0 18	1 23	1 28	1 20	15 47	2 44	3 10	28 24	11 50	6 30
S 7	5 30	26 52	4 44	11 10	2 7	6 0	1 25	25 46	3 21	18 26	1 6	2 52	2 17	23 47	0 18	1 24	1 28	1 20	15 47	2 44	3 9	28 25	11 48	6 31
S 8	5 7	28 24	5 6	10 27	2 6	5 30	1 25	25 44	3 19	18 26	1 6	2 55	2 17	23 47	0 18	1 24	1 28	1 19	15 47	2 44	3 7	28 25	11 47	6 31
M 9	4 43	28 38	5 15	9 44	2 3	5 0	1 24	25 41	3 17	18 27	1 6	2 58	2 17	23 47	0 18	1 25	1 28	1 19	15 47	2 44	3 6	28 25	11 46	6 31
T 10	4 20	27 32	5 10	8 59	2 0	4 30	1 24	25 38	3 15	18 27	1 6	3 0	2 17	23 47	0 18	1 26	1 28	1 18	15 46	2 43	3 5	28 26	11 45	6 31
W 11	3 56	25 9	4 52	8 13	1 57	4 0	1 23	25 35	3 14	18 27	1 6	3 3	2 17	23 47	0 18	1 26	1 28	1 18	15 46	2 42	3 4	28 26	11 43	6 32
T 12	3 33	21 33	4 20	7 26	1 53	3 30	1 23	25 32	3 12	18 27	1 6	3 6	2 16	23 47	0 18	1 27	1 28	1 17	15 46	2 41	3 2	28 27	11 42	6 32
F 13	3 9	16 56	3 34	6 37	1 49	3 0	1 22	25 28	3 10	18 26	1 6	3 9	2 16	23 47	0 18	1 28	1 28	1 17	15 46	2 40	3 1	28 27	11 41	6 32
S 14	2 46	11 28	2 38	5 47	1 44	2 29	1 21	25 25	3 8	18 26	1 6	3 12	2 16	23 47	0 18	1 28	1 28	1 16	15 45	2 39	3 0	28 28	11 40	6 32
S 15	2 22	5 24	1 31	4 56	1 38	1 59	1 21	25 22	3 6	18 26	1 7	3 15	2 16	23 47	0 18	1 29	1 28	1 15	15 45	2 39	2 59	28 28	11 38	6 33
M 16	1 58	1s 3	0 18	4 4	1 32	1 28	1 20	25 18	3 5	18 26	1 7	3 18	2 16	23 47	0 18	1 30	1 28	1 15	15 45	2 39	2 57	28 28	11 37	6 33
T 17	1 35	7 33	0s57	3 11	1 26	0 58	1 19	25 15	3 3	18 26	1 7	3 21	2 16	23 47	0 18	1 30	1 28	1 14	15 45	2 39	2 56	28 29	11 36	6 33
W 18	1 11	13 49	2 10	2 17	1 18	0 27	1 18	25 11	3 1	18 25	1 7	3 24	2 16	23 47	0 18	1 31	1 28	1 14	15 44	2 39	2 55	28 29	11 35	6 33
T 19	0 47	19 26	3 16	1 22	1 11	0n 3	1 17	25 8	2 59	18 25	1 7	3 27	2 16	23 47	0 18	1 32	1 28	1 13	15 44	2 39	2 54	28 29	11 33	6 34
F 20	0 24	24 3	4 11	0 26	1 3	0 34	1 16	25 4	2 58	18 25	1 7	3 30	2 16	23 47	0 18	1 32	1 28	1 13	15 44	2 40	2 52	28 30	11 32	6 34
S 21	0 0	27 14	4 50	0n30	0 54	1 5	1 15	25 0	2 56	18 24	1 7	3 32	2 16	23 47	0 18	1 33	1 28	1 12	15 44	2 40	2 51	28 30	11 31	6 34
S 22	0n24	28 40	5 13	1 27	0 45	1 35	1 13	24 56	2 54	18 24	1 7	3 35	2 16	23 47	0 18	1 34	1 28	1 12	15 44	2 40	2 50	28 31	11 30	6 35
M 23	0 47	28 13	5 16	2 25	0 35	2 6	1 12	24 52	2 53	18 23	1 7	3 38	2 16	23 47	0 18	1 34	1 28	1 11	15 43	2 40	2 49	28 31	11 29	6 35
T 24	1 11	25 57	4 59	3 22	0 25	2 37	1 11	24 48	2 51	18 23	1 8	3 41	2 16	23 47	0 18	1 35								

SWISS EPHEMERIS for the year 1615

APRIL 1615 GC

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	12 35 41	10°Y50'59	12♃41	25°Y14	19°Y13	22♁31	26°R24	15°Y38	1♁27	29°R12	6♃36	6°R40	6°Y35	27♁48	10♁17							
T 2	12 39 38	11°49'59	24°59	27° 3	20°28	22°51	26♁21	15°45	1°28	29♁10	6°38	6°Y40	6°32	27°54	10°20							
F 3	12 43 34	12°48'57	7♁ 6	28°48	21°42	23°11	26°17	15°53	1°29	29° 9	6°39	6°39	6°29	28° 1	10°23							
S 4	12 47 31	13°47'53	19° 4	0♃30	22°56	23°31	26°14	16° 0	1°31	29° 7	6°40	6°38	6°26	28° 8	10°26							
S 5	12 51 27	14°46'46	0♁57	2° 8	24°10	23°52	26°10	16° 8	1°32	29° 5	6°41	6°38	6°23	28°15	10°29							
M 6	12 55 24	15°45'38	12°50	3°41	25°25	24°13	26° 5	16°16	1°33	29° 4	6°43	6°D37	6°19	28°21	10°31							
T 7	12 59 20	16°44'27	24°48	5°10	26°39	24°35	26° 1	16°23	1°35	29° 2	6°44	6°37	6°16	28°28	10°34							
W 8	13 3 17	17°43'13	6♁54	6°34	27°53	24°56	25°57	16°31	1°36	29° 1	6°45	6°38	6°13	28°35	10°36							
T 9	13 7 13	18°41'58	19°14	7°53	29° 7	25°18	25°52	16°38	1°38	28°59	6°47	6°39	6°10	28°42	10°39							
F 10	13 11 10	19°40'40	1♁51	9° 7	0♃21	25°41	25°47	16°46	1°39	28°58	6°48	6°40	6° 7	28°48	10°41							
S 11	13 15 7	20°39'20	14°49	10°16	1°35	26° 4	25°42	16°54	1°41	28°56	6°49	6°41	6° 3	28°55	10°44							
S 12	13 19 3	21°37'58	28° 8	11°19	2°49	26°27	25°37	17° 1	1°43	28°55	6°51	6°42	6° 0	29° 2	10°46							
M13	13 23 0	22°36'33	11♁50	12°17	4° 3	26°50	25°32	17° 9	1°44	28°53	6°52	6°R42	5°57	29° 8	10°48							
T 14	13 26 56	23°35'07	25°51	13° 9	5°17	27°13	25°27	17°16	1°46	28°52	6°53	6°41	5°54	29°15	10°50							
W15	13 30 53	24°33'39	10♁10	13°56	6°31	27°37	25°21	17°24	1°48	28°50	6°55	6°40	5°51	29°22	10°53							
T 16	13 34 49	25°32'09	24°39	14°36	7°45	28° 1	25°16	17°32	1°50	28°49	6°56	6°37	5°48	29°29	10°55							
F 17	13 38 46	26°30'37	9♁15	15°11	8°59	28°25	25°10	17°39	1°52	28°47	6°57	6°35	5°44	29°35	10°57							
S 18	13 42 42	27°29'04	23°49	15°40	10°13	28°50	25° 4	17°47	1°54	28°46	6°59	6°32	5°41	29°42	10°59							
S 19	13 46 39	28°27'29	8♃17	16° 3	11°27	29°15	24°58	17°54	1°56	28°44	7° 0	6°30	5°38	29°49	11° 0							
M20	13 50 36	29°25'52	22°34	16°20	12°41	29°40	24°52	18° 2	1°58	28°43	7° 1	6°29	5°35	29°56	11° 2							
T 21	13 54 32	0♃24'14	6♁39	16°31	13°55	0♁ 5	24°45	18° 9	2° 0	28°42	7° 3	6°D29	5°32	0♁ 2	11° 4							
W22	13 58 29	1°22'35	20°28	16°37	15° 9	0°31	24°39	18°17	2° 2	28°40	7° 4	6°30	5°29	0° 9	11° 6							
T 23	14 2 25	2°20'53	4♁ 4	16°R37	16°22	0°57	24°33	18°24	2° 4	28°39	7° 5	6°32	5°25	0°16	11° 7							
F 24	14 6 22	3°19'11	17°25	16°32	17°36	1°23	24°26	18°32	2° 6	28°38	7° 7	6°33	5°22	0°22	11° 9							
S 25	14 10 18	4°17'26	0°Y32	16°22	18°50	1°49	24°19	18°39	2° 9	28°36	7° 8	6°R34	5°19	0°29	11°10							
S 26	14 14 15	5°15'40	13°27	16° 6	20° 4	2°15	24°13	18°47	2°11	28°35	7° 9	6°34	5°16	0°36	11°12							
M27	14 18 11	6°13'52	26°10	15°47	21°17	2°42	24° 6	18°54	2°13	28°34	7°11	6°33	5°13	0°43	11°13							
T 28	14 22 8	7°12'03	8♃41	15°23	22°31	3° 9	23°59	19° 1	2°16	28°33	7°12	6°30	5° 9	0°49	11°15							
W29	14 26 5	8°10'12	21° 1	14°56	23°45	3°36	23°52	19° 9	2°18	28°32	7°14	6°25	5° 6	0°56	11°16							
T 30	14 30 1	9♃ 8'19	3♁12	14♃25	24♃58	4♁ 3	23♁45	19°Y16	2♁21	28♁30	7♃15	6°Y20	5°Y 3	1♁ 3	11♁17							

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	4n18	18n38	3n 7	10n48	1n 5	6n38	0s58	24n13	2n38	18s17	1n 8	4n 5	2s15	23n47	0n18	1n40	1n28	1s 6	15s42	2n39	2n37	28n33	11s18	6n38
T 2	4 41	22 53	3 57	11 38	1 17	7 8	0 57	24 8	2 37	18 16	1 8	4 8	2 15	23 47	0 18	1 41	1 28	1 6	15 42	2 39	2 36	28 34	11 17	6 39
F 3	5 4	26 4	4 36	12 27	1 28	7 38	0 55	24 3	2 35	18 15	1 8	4 11	2 15	23 47	0 18	1 41	1 28	1 5	15 41	2 39	2 35	28 34	11 16	6 39
S 4	5 27	28 3	5 2	13 13	1 39	8 7	0 53	23 58	2 34	18 14	1 9	4 14	2 15	23 47	0 18	1 42	1 28	1 5	15 41	2 38	2 33	28 34	11 15	6 39
S 5	5 50	28 44	5 15	13 57	1 49	8 36	0 51	23 53	2 32	18 13	1 9	4 17	2 15	23 47	0 18	1 43	1 28	1 4	15 41	2 38	2 32	28 34	11 14	6 40
M 6	6 13	28 5	5 15	14 38	1 59	9 5	0 49	23 47	2 31	18 12	1 9	4 19	2 15	23 46	0 18	1 43	1 28	1 4	15 41	2 38	2 31	28 35	11 13	6 40
T 7	6 36	26 9	5 1	15 17	2 8	9 34	0 47	23 42	2 29	18 11	1 9	4 22	2 15	23 46	0 18	1 44	1 28	1 3	15 41	2 38	2 30	28 35	11 12	6 40
W 8	6 58	23 0	4 33	15 54	2 17	10 3	0 45	23 37	2 28	18 10	1 9	4 25	2 15	23 46	0 18	1 45	1 28	1 2	15 41	2 38	2 28	28 35	11 11	6 41
T 9	7 21	18 46	3 53	16 27	2 25	10 31	0 43	23 31	2 26	18 9	1 9	4 28	2 15	23 46	0 18	1 45	1 28	1 2	15 41	2 39	2 27	28 35	11 10	6 41
F 10	7 43	13 39	3 1	16 58	2 32	10 59	0 41	23 26	2 25	18 8	1 9	4 31	2 15	23 46	0 17	1 46	1 28	1 1	15 40	2 39	2 26	28 35	11 9	6 42
S 11	8 5	7 48	1 58	17 26	2 39	11 27	0 39	23 20	2 24	18 7	1 9	4 34	2 15	23 46	0 17	1 46	1 28	1 1	15 40	2 40	2 25	28 36	11 8	6 42
S 12	8 27	1 28	0 47	17 51	2 44	11 54	0 37	23 14	2 22	18 5	1 9	4 37	2 16	23 46	0 17	1 47	1 28	1 0	15 40	2 40	2 23	28 36	11 7	6 42
M13	8 49	5s 7	0s28	18 14	2 48	12 22	0 34	23 8	2 21	18 4	1 9	4 40	2 16	23 46	0 17	1 48	1 28	1 0	15 40	2 40	2 22	28 36	11 6	6 43
T 14	9 11	11 37	1 44	18 33	2 52	12 48	0 32	23 2	2 19	18 3	1 9	4 43	2 16	23 46	0 17	1 48	1 28	0 59	15 40	2 40	2 21	28 36	11 5	6 43
W15	9 32	17 39	2 54	18 49	2 54	13 15	0 30	22 56	2 18	18 1	1 9	4 46	2 16	23 46	0 17	1 49	1 28	0 59	15 40	2 39	2 20	28 36	11 4	6 44
T 16	9 54	22 46	3 54	19 3	2 55	13 41	0 28	22 50	2 17	18 0	1 9	4 48	2 16	23 46	0 17	1 49	1 28	0 58	15 40	2 38	2 18	28 36	11 3	6 44
F 17	10 15	26 29	4 40	19 13	2 56	14 7	0 25	22 44	2 15	17 59	1 9	4 51	2 16	23 46	0 17	1 50	1 28	0 58	15 40	2 37	2 17	28 36	11 2	6 44
S 18	10 36	28 27	5 7	19 21	2 54	14 33	0 23	22 37	2 14	17 57	1 9	4 54	2 16	23 46	0 17	1 50	1 28	0 57	15 40	2 36	2 16	28 37	11 1	6 45
S 19	10 57	28 28	5 14	19 25	2 52	14 58	0 21	22 31	2 13	17 56	1 9	4 57	2 16	23 46	0 17	1 51	1 28	0 57	15 40	2 35	2 15	28 37	11 0	6 45
M20	11 18	26 34	5 2	19 27	2 49	15 23	0 18	22 24	2 11	17 54	1 9	5 0	2 16	23 46	0 17	1 51	1 28	0 57	15 40	2 35	2 13	28 37	10 59	6 46
T 21	11 38	23 2	3 42	19 26	2 44	15 48	0 16	22 18	2 10	17 53	1 9	5 3	2 16	23 46	0 17	1 52	1 28	0 56	15 39	2 35	2 12	28 37	10 58	6 46
W22	11 59	18 16	3 47	19 21	2 37	16 12	0 13	22 11	2 9	17 51	1 9	5 5	2 16	23 46	0 17	1 52	1 28	0 56	15 39	2 35	2 11	28 37	10 57	6 47
T 23	12 19	12 40	2 49	19 14	2 30	16 36	0 11	22 4	2 7	17 50	1 9	5 8	2 16	23 46	0 17	1 53	1 28	0 55	15 39	2 36	2 10	28 37	10 57	6 47
F 24	12 39	6 34	1 43	19 4	2 21	16 59	0 8	21 57	2 6	17 48	1 9	5 11	2 16	23 46	0 17	1 53	1 28	0 55	15 39	2 36	2 8	28 37	10 56	6 47
S 25	12 59	0 17	0 33	18 52	2 11	17 22	0 6	21 50	2 5	17 46	1 9	5 14	2 16	23 46	0 17	1 54	1 28	0 54	15 39	2 37	2 7	28 37	10 55	6 48
S 26	13 18	5n54	0n38	18 37	2 0	17 44	0 3	21 43	2 4	17 45	1 9	5 16	2 16	23 46	0 17	1 54	1 28	0 54	15 39	2 37	2 6	28 37	10 54	6 48
M27	13 38	11 45	1 45	18 19	1 48	18 6	0 1	21 35	2 2	17 43	1 9	5 19	2 16	23 46	0 17	1 55	1 28	0 53	15 39	2 36	2 4	28 37	10 53	6 49
T 28	13 57	17 3	2 46	17 59	1 34	18 28	0n 2	21 28	2 1	17 41	1 9	5 22	2 16	23 46	0 17	1 55	1 28	0 53	15 39	2 35	2 3	28 37	10 53	6 49
W29	14 16	21 34	3 39	17 37	1 20	18 49	0 4	21 20	2 0	17 40	1 9	5 25	2 16	2										

SWISS EPHEMERIS for the year 1615

MAY 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
F 1	14 33 58	10♈ 6'25	15♁14	13♍52	26♊12	4♈30	23♍37	19♋23	2♉23	28♍29	7♁16	6♍14	5♋0	1♉9	11♁18
S 2	14 37 54	11° 4'28	27°10	13♍17	27°26	4°58	23♍30	19°31	2°26	28♍28	7°18	6♋8	4°57	1°16	11°19
S 3	14 41 51	12° 2'30	9♉3	12°41	28°39	5°26	23°23	19°38	2°28	28°27	7°19	6°3	4°54	1°23	11°20
M 4	14 45 47	13° 0'30	20°55	12°4	29°53	5°54	23°15	19°45	2°31	28°26	7°20	5°59	4°50	1°30	11°21
T 5	14 49 44	13°58'29	2♉51	11°28	1♁6	6°22	23°8	19°52	2°33	28°25	7°22	5°56	4°47	1°36	11°22
W 6	14 53 40	14°56'25	14°55	10°52	2°20	6°51	23°1	20°0	2°36	28°24	7°23	5°D56	4°44	1°43	11°23
T 7	14 57 37	15°54'19	27°12	10°17	3°33	7°19	22°53	20°7	2°39	28°23	7°24	5°56	4°41	1°50	11°23
F 8	15 1 34	16°52'12	9♎47	9°44	4°47	7°48	22°46	20°14	2°42	28°22	7°26	5°58	4°38	1°57	11°24
S 9	15 5 30	17°50'03	22°44	9°13	6°0	8°17	22°38	20°21	2°44	28°21	7°27	5°59	4°35	2°3	11°24
S 10	15 9 27	18°47'52	6♊6	8°46	7°13	8°46	22°30	20°28	2°47	28°20	7°28	6°R 0	4°31	2°10	11°25
M11	15 13 23	19°45'39	19°55	8°21	8°27	9°15	22°23	20°35	2°50	28°19	7°30	5°59	4°28	2°17	11°25
T 12	15 17 20	20°43'25	4♎10	8°1	9°40	9°44	22°15	20°42	2°53	28°18	7°31	5°56	4°25	2°23	11°26
W13	15 21 16	21°41'09	18°47	7°44	10°53	10°14	22°7	20°49	2°56	28°17	7°32	5°51	4°22	2°30	11°26
T 14	15 25 13	22°38'52	3♌41	7°31	12°7	10°44	22°0	20°56	2°59	28°17	7°34	5°45	4°19	2°37	11°26
F 15	15 29 9	23°36'34	18°42	7°23	13°20	11°13	21°52	21°3	3°2	28°16	7°35	5°38	4°15	2°44	11°26
S 16	15 33 6	24°34'15	3♉41	7°D19	14°33	11°43	21°45	21°9	3°5	28°15	7°36	5°31	4°12	2°50	11°26
S 17	15 37 3	25°31'54	18°29	7°20	15°46	12°13	21°37	21°16	3°8	28°14	7°38	5°25	4°9	2°57	11°R26
M18	15 40 59	26°29'33	3♁1	7°25	17°0	12°44	21°29	21°23	3°11	28°14	7°39	5°21	4°6	3°4	11°26
T 19	15 44 56	27°27'10	17°11	7°35	18°13	13°14	21°22	21°30	3°14	28°13	7°40	5°19	4°3	3°11	11°26
W20	15 48 52	28°24'46	0♎59	7°49	19°26	13°45	21°14	21°36	3°17	28°12	7°42	5°D18	4°0	3°17	11°26
T 21	15 52 49	29°22'22	14°26	8°8	20°39	14°15	21°7	21°43	3°20	28°12	7°43	5°19	3°56	3°24	11°26
F 22	15 56 45	0♁19'56	27°33	8°31	21°52	14°46	20°59	21°49	3°23	28°11	7°44	5°20	3°53	3°31	11°26
S 23	16 0 42	1°17'30	10♋24	8°58	23°5	15°17	20°52	21°56	3°26	28°10	7°45	5°R20	3°50	3°37	11°25
S 24	16 4 38	2°15'03	23°1	9°30	24°18	15°48	20°44	22°2	3°29	28°10	7°47	5°18	3°47	3°44	11°25
M25	16 8 35	3°12'34	5♁26	10°5	25°31	16°19	20°37	22°9	3°33	28°9	7°48	5°14	3°44	3°51	11°24
T 26	16 12 32	4°10'05	17°42	10°45	26°44	16°51	20°30	22°15	3°36	28°9	7°49	5°8	3°41	3°58	11°24
W27	16 16 28	5°7'35	29°50	11°28	27°57	17°22	20°23	22°21	3°39	28°8	7°50	4°59	3°37	4°4	11°23
T 28	16 20 25	6°5'04	11♁52	12°15	29°10	17°54	20°15	22°28	3°42	28°8	7°52	4°49	3°34	4°11	11°22
F 29	16 24 21	7°2'32	23°49	13°6	0♉23	18°25	20°8	22°34	3°46	28°8	7°53	4°37	3°31	4°18	11°22
S 30	16 28 18	7°59'59	5♉43	14°1	1°36	18°57	20°1	22°40	3°49	28°7	7°54	4°25	3°28	4°24	11°21
S 31	16 32 14	8♁57'25	17♉34	14♋59	2♉49	19♈29	19♎54	22♋46	3♉52	28♎7	7♁55	4♋15	3♋25	4♉31	11♁20

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
F 1	14n53	27n29	4n50	16n49	0n49	19n30	0n9	21n5	1n58	17s36	1n9	5n33	2s16	23n46	0n17	1n57	1n28	0s52	15s39	2n29	1n59	28n37	10s50	6n51					
S 2	15 11 28	34 5 7	16 22 0	32 19 49	0 12	20 57	1 56	17 34	1 9	5 33	2 17	23 46	0 17	1 57	1 28	0 51	15 39	2 26	1 58	28 37	10 50	6 51							
S 3	15 29 28	20 5 10	15 55 0	15 20 8	0 14	20 49	1 55	17 33	1 9	5 35	2 17	23 46	0 17	1 58	1 28	0 51	15 39	2 24	1 57	28 37	10 49	6 51							
M 4	15 47 26	48 5 0	15 27 0	15 20 27	0 17	20 41	1 54	17 31	1 9	5 38	2 17	23 45	0 17	1 58	1 28	0 50	15 39	2 23	1 56	28 37	10 48	6 52							
T 5	16 4 24	3 4 37	14 59 0	20 20 44	0 19	20 33	1 53	17 29	1 9	5 41	2 17	23 45	0 17	1 58	1 28	0 50	15 39	2 22	1 54	28 37	10 48	6 52							
W 6	16 21 20	15 4 2	14 32 0	37 21 2	0 22	20 24	1 52	17 27	1 9	5 43	2 17	23 45	0 17	1 59	1 28	0 50	15 39	2 22	1 53	28 37	10 47	6 53							
T 7	16 38 15	31 3 15	14 5 0	54 21 19	0 24	20 16	1 51	17 25	1 9	5 46	2 17	23 45	0 17	1 59	1 28	0 49	15 39	2 22	1 52	28 37	10 46	6 53							
F 8	16 55 10	2 2 17	13 38 1	11 21 35	0 27	20 7	1 49	17 23	1 9	5 48	2 17	23 45	0 17	1 59	1 28	0 49	15 39	2 22	1 51	28 37	10 46	6 54							
S 9	17 11 3 59	1 11 13	13 13 1	27 21 50	0 29	19 59	1 48	17 22	1 9	5 51	2 17	23 45	0 17	2 0	1 28	0 48	15 39	2 23	1 49	28 37	10 45	6 54							
S 10	17 27 2s26	0s 1 12	50 1 43	22 5 0	32	19 50	1 47	17 20	1 9	5 54	2 17	23 45	0 17	2 0	1 28	0 48	15 39	2 23	1 48	28 37	10 45	6 55							
M11	17 43 8 57	1 15 12	28 1 58	22 20 0	34	19 41	1 46	17 18	1 9	5 56	2 17	23 45	0 17	2 0	1 28	0 48	15 39	2 23	1 47	28 37	10 44	6 55							
T 12	17 58 15 14	2 26 12	8 2 12	22 33 0	37	19 32	1 45	17 16	1 9	5 59	2 17	23 45	0 17	2 1	1 27	0 47	15 39	2 22	1 46	28 37	10 44	6 56							
W13	18 14 20 49	3 30 11	50 2 25	22 46 0	39	19 23	1 44	17 14	1 9	6 1	2 18	23 45	0 17	2 1	1 27	0 47	15 39	2 20	1 44	28 37	10 43	6 56							
T 14	18 28 25 12	4 21 11	35 2 37	22 59 0	42	19 14	1 43	17 12	1 8	6 4	2 18	23 45	0 17	2 1	1 27	0 47	15 39	2 17	1 43	28 36	10 43	6 56							
F 15	18 43 27 53	4 54 11	21 2 48	23 11 0	44	19 5	1 42	17 10	1 8	6 6	2 18	23 45	0 17	2 2	1 27	0 46	15 40	2 15	1 42	28 36	10 42	6 57							
S 16	18 57 28 33	5 7 11	11 2 58	23 22 0	46	18 55	1 41	17 9	1 8	6 8	2 18	23 45	0 17	2 2	1 27	0 46	15 40	2 12	1 40	28 36	10 42	6 57							
S 17	19 11 27 9	4 59 11	2 3 7	23 32 0	49	18 46	1 40	17 7	1 8	6 11	2 18	23 45	0 17	2 2	1 27	0 46	15 40	2 9	1 39	28 36	10 41	6 58							
M18	19 25 23 56	4 32 10	57 3 15	23 42 0	51	18 36	1 39	17 5	1 8	6 13	2 18	23 45	0 17	2 2	1 27	0 45	15 40	2 8	1 38	28 36	10 41	6 58							
T 19	19 38 19 21	3 49 10	53 3 22	23 51 0	53	18 26	1 38	17 3	1 8	6 16	2 18	23 44	0 17	2 3	1 27	0 45	15 40	2 7	1 37	28 36	10 40	6 59							
W20	19 51 13 51	2 54 10	52 3 28	24 0 0	56	18 17	1 36	17 1	1 8	6 18	2 18	23 44	0 17	2 3	1 27	0 45	15 40	2 7	1 35	28 36	10 40	6 59							
T 21	20 4 7 50	1 50 10	54 3 32	24 8 0	58	18 7	1 35	16 59	1 8	6 20	2 19	23 44	0 17	2 3	1 27	0 44	15 40	2 7	1 34	28 35	10 40	7 0							
F 22	20 16 1 37	0 42 10	57 3 36	24 15 1	0	17 57	1 34	16 57	1 8	6 23	2 19	23 44	0 17	2 3	1 27	0 44	15 40	2 7	1 33	28 35	10 39	7 0							
S 23	20 28 4n32	0n27 11 3	3 39	24 21 1	2	17 46	1 33	16 56	1 7	6 25	2 19	23 44	0 17	2 4	1 27	0 44	15 40	2 7	1 32	28 35	10 39	7 0							
S 24	20 39 10 24	1 33 11	12 3 41	24 27 1	5	17 36	1 32	16 54	1 7	6 27	2 19	23 44	0 17	2 4	1 27	0 43	15 40	2 7	1 30	28 35	10 39	7 1							
M25	20 51 15 46	2 34 11	22 3 42	24 32 1	7	17 26	1 31	16 52	1 7	6 29	2 19	23 44	0 17	2 4	1 27	0 43	15 40	2 5	1 29	28 35	10 38	7 1							
T 26	21 2 20 26	3 26 11	34 3 42	24 36 1	9	17 15	1 30	16 50	1 7	6 32	2 19	23 44	0 17	2 4	1 27	0 43	15 41	2 3	1 28	28 35	10 38	7 2							
W27	21 12 24 12	4 8 11	48 3 41	24 39 1	11	17 5	1 29	16 48	1 7	6 34	2 19	23 44	0 17	2 4	1 27	0 43	15 41	1 59	1 27	28 34	10 38	7 2							
T 28	21 22 26 52	4 39 12	4 3 39	24 42 1	13	16 54	1 28	16 47	1 7	6 36	2 20	23 44	0 17	2 4	1 27	0 42	15 41	1 55	1 25	28 34	10 38	7 3							
F 29	21 32 28 18	4 57 12	21 3 37	24 44 1	15	16 43	1 27	16 45	1 7	6 38	2 20	23 44	0 17	2 4	1 27	0 42	15 41	1 50	1 24	28 34	10 37	7 3							
S 30	21 41 28 24	5 2 12	41 3 34	24 45 1																									

SWISS EPHEMERIS for the year 1615

JUNE 1615 GC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	16 36 11	9II54'50	29☾26	16♂ 0	4☾ 1	20♁ 1	19°R48	22°V52	3☾56	28°R 7	7♂57	4°R 6	3°V21	4☾38	11°R19
T 2	16 40 7	10°52'14	11♁21	17° 5	5°14	20°33	19♁41	22°58	3°59	28♁ 7	7°58	4°V 0	3°18	4°45	11°R18
W 3	16 44 4	11°49'36	23°24	18°13	6°27	21° 6	19°34	23° 4	4° 3	28° 6	7°59	3°56	3°15	4°51	11°17
T 4	16 48 1	12°46'58	5♁39	19°24	7°40	21°38	19°28	23°10	4° 6	28° 6	8° 0	3°54	3°12	4°58	11°16
F 5	16 51 57	13°44'18	18°10	20°38	8°52	22°11	19°21	23°16	4°10	28° 6	8° 1	3°D54	3° 9	5° 5	11°14
S 6	16 55 54	14°41'38	1♁ 2	21°56	10° 5	22°43	19°15	23°21	4°13	28° 6	8° 2	3°R55	3° 6	5°12	11°13
S 7	16 59 50	15°38'56	14°20	23°16	11°18	23°16	19° 9	23°27	4°16	28° 6	8° 3	3°54	3° 2	5°18	11°12
M 8	17 3 47	16°36'13	28° 7	24°40	12°30	23°49	19° 3	23°32	4°20	28° 6	8° 5	3°52	2°59	5°25	11°10
T 9	17 7 43	17°33'30	12♁23	26° 6	13°43	24°22	18°57	23°38	4°23	28°D 6	8° 6	3°48	2°56	5°32	11° 9
W10	17 11 40	18°30'46	27° 6	27°36	14°55	24°55	18°51	23°43	4°27	28° 6	8° 7	3°41	2°53	5°38	11° 7
T 11	17 15 37	19°28'01	12♁10	29° 9	16° 8	25°28	18°45	23°49	4°30	28° 6	8° 8	3°32	2°50	5°45	11° 6
F 12	17 19 33	20°25'16	27°25	0II44	17°20	26° 1	18°40	23°54	4°34	28° 6	8° 9	3°22	2°47	5°52	11° 4
S 13	17 23 30	21°22'30	12☾42	2°23	18°33	26°35	18°34	23°59	4°38	28° 6	8°10	3°12	2°43	5°59	11° 2
S 14	17 27 26	22°19'43	27°48	4° 4	19°45	27° 8	18°29	24° 5	4°41	28° 6	8°11	3° 3	2°40	6° 5	11° 1
M15	17 31 23	23°16'57	12☾35	5°48	20°57	27°41	18°24	24°10	4°45	28° 6	8°12	2°56	2°37	6°12	10°59
T 16	17 35 19	24°14'10	26°57	7°35	22°10	28°15	18°19	24°15	4°48	28° 6	8°13	2°51	2°34	6°19	10°57
W17	17 39 16	25°11'23	10♁52	9°25	23°22	28°49	18°14	24°20	4°52	28° 7	8°14	2°49	2°31	6°26	10°55
T 18	17 43 12	26° 8'36	24°20	11°17	24°34	29°23	18° 9	24°25	4°55	28° 7	8°15	2°49	2°27	6°32	10°53
F 19	17 47 9	27° 5'48	7°V23	13°12	25°46	29°56	18° 4	24°30	4°59	28° 7	8°16	2°49	2°24	6°39	10°51
S 20	17 51 6	28° 3'01	20° 7	15°10	26°59	0♁30	18° 0	24°34	5° 3	28° 7	8°17	2°48	2°21	6°46	10°49
S 21	17 55 2	29° 0'14	2♂34	17°10	28°11	1° 5	17°56	24°39	5° 6	28° 8	8°18	2°46	2°18	6°52	10°47
M22	17 58 59	29°57'27	14°49	19°11	29°23	1°39	17°52	24°44	5°10	28° 8	8°19	2°41	2°15	6°59	10°45
T 23	18 2 55	0☾54'39	26°55	21°15	0♁35	2°13	17°48	24°48	5°13	28° 9	8°20	2°33	2°12	7° 6	10°42
W24	18 6 52	1°51'52	8II54	23°21	1°47	2°47	17°44	24°53	5°17	28° 9	8°21	2°22	2° 8	7°13	10°40
T 25	18 10 48	2°49'05	20°50	25°28	2°59	3°22	17°40	24°57	5°21	28°10	8°21	2° 9	2° 5	7°19	10°38
F 26	18 14 45	3°46'17	2☾43	27°37	4°11	3°56	17°37	25° 1	5°24	28°10	8°22	1°55	2° 2	7°26	10°35
S 27	18 18 41	4°43'30	14°34	29°46	5°23	4°31	17°33	25° 5	5°28	28°11	8°23	1°41	1°59	7°33	10°33
S 28	18 22 38	5°40'43	26°26	1☾56	6°35	5° 6	17°30	25°10	5°31	28°11	8°24	1°29	1°56	7°40	10°31
M29	18 26 35	6°37'55	8♁21	4° 6	7°47	5°40	17°27	25°14	5°35	28°12	8°25	1°18	1°53	7°46	10°28
T 30	18 30 31	7☾35'07	20♁19	6☾17	8♁59	6♁15	17♁25	25°V18	5☾39	28♁13	8♂26	1°V10	1°V49	7☾53	10☾25

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	21n59	24n47	4n34	13n23	3s25	24n46	1n20	16n11	1n24	16s40	1n 6	6n44	2s20	23n43	0n17	2n 5	1n27	0s41	15s41	1n38	1n20	28n33	10s37	7n 4
T 2	22 7 21	16 4	1 13	47 3	20 24	45 1	22 15	59 1	24 16	38 1	6	6 46	2 20	23 43	0 17	2 5	1 27	0 41	15 42	1 36	1 19	28 33	10 37	7 5
W 3	22 15 16	51 3	18 14	11 3	14 24	44 1	24 15	48 1	23 16	37 1	6	6 48	2 21	23 43	0 17	2 5	1 27	0 41	15 42	1 34	1 18	28 33	10 37	7 5
T 4	22 23 11	42 2	24 14	37 3	7 24	41 1	25 15	37 1	22 16	35 1	5	6 50	2 21	23 43	0 17	2 5	1 27	0 41	15 42	1 33	1 16	28 32	10 37	7 6
F 5	22 30 5 57	1 23	15 3	0 24	38 1	27 15	25 1	21 16	33 1	5	6 52	2 21	23 43	0 17	2 5	1 27	0 41	15 42	1 33	1 15	28 32	10 37	7 6	
S 6	22 37 0s11	0 15	15 31	2 53	24 35	1 28	15 14	1 20	16 32	1 5	6 54	2 21	23 43	0 17	2 5	1 27	0 40	15 42	1 33	1 14	28 32	10 37	7 6	
S 7	22 43 6 31	0s55	15 59	2 44	24 30	1 30	15 2	1 19	16 30	1 5	6 56	2 21	23 43	0 17	2 5	1 27	0 40	15 42	1 33	1 13	28 31	10 36	7 7	
M 8	22 49 12 46	2 5	16 28	2 36	24 25	1 31	14 50	1 18	16 29	1 5	6 58	2 22	23 43	0 17	2 5	1 26	0 40	15 43	1 33	1 11	28 31	10 36	7 7	
T 9	22 54 18 35	3 9	16 57	2 27	24 19	1 33	14 38	1 17	16 28	1 5	7 0	2 22	23 43	0 17	2 5	1 26	0 40	15 43	1 31	1 10	28 31	10 36	7 8	
W10	23 0 23 29	4 2	17 27	2 17	24 13	1 34	14 26	1 16	16 26	1 4	7 2	2 22	23 42	0 17	2 5	1 26	0 40	15 43	1 28	1 9	28 30	10 37	7 8	
T 11	23 4 26 56	4 40	17 57	2 7	24 5	1 35	14 14	1 15	16 25	1 4	7 4	2 22	23 42	0 17	2 5	1 26	0 40	15 43	1 24	1 8	28 30	10 37	7 8	
F 12	23 9 28 27	4 59	18 27	1 57	23 57	1 36	14 2	1 14	16 23	1 4	7 5	2 22	23 42	0 17	2 5	1 26	0 39	15 43	1 20	1 6	28 30	10 37	7 9	
S 13	23 13 27 48	4 57	18 57	1 46	23 49	1 38	13 50	1 13	16 22	1 4	7 7	2 23	23 42	0 17	2 5	1 26	0 39	15 43	1 16	1 5	28 29	10 37	7 9	
S 14	23 16 25 7	4 34	19 27	1 35	23 40	1 39	13 38	1 12	16 21	1 3	7 9	2 23	23 42	0 17	2 5	1 26	0 39	15 44	1 13	1 4	28 29	10 37	7 9	
M15	23 19 20 47	3 52	19 57	1 24	23 30	1 40	13 25	1 12	16 20	1 3	7 11	2 23	23 42	0 17	2 4	1 26	0 39	15 44	1 10	1 3	28 29	10 37	7 10	
T 16	23 22 15 20	2 57	20 26	1 12	23 19	1 40	13 13	1 11	16 18	1 3	7 12	2 23	23 42	0 17	2 4	1 26	0 39	15 44	1 8	1 1	28 28	10 37	7 10	
W17	23 24 9 15	1 53	20 54	1 1	23 8	1 41	13 0	1 10	16 17	1 3	7 14	2 23	23 42	0 17	2 4	1 26	0 39	15 44	1 7	1 0	28 28	10 37	7 10	
T 18	23 26 2 57	0 45	21 22	0 49	22 56	1 42	12 47	1 9	16 16	1 3	7 15	2 24	23 41	0 17	2 4	1 26	0 39	15 44	1 7	0 59	28 27	10 38	7 11	
F 19	23 28 3n19	0n24	21 49	0 38	22 43	1 43	12 35	1 8	16 15	1 2	7 17	2 24	23 41	0 17	2 4	1 26	0 39	15 45	1 7	0 58	28 27	10 38	7 11	
S 20	23 29 9 16	1 30	22 14	0 26	22 30	1 43	12 22	1 7	16 14	1 2	7 19	2 24	23 41	0 17	2 4	1 26	0 39	15 45	1 7	0 56	28 27	10 38	7 11	
S 21	23 29 14 44	2 30	22 38	0 15	22 16	1 44	12 9	1 6	16 13	1 2	7 20	2 24	23 41	0 17	2 4	1 26	0 39	15 45	1 6	0 55	28 26	10 38	7 12	
M22	23 30 19 32	3 22	23 0	0 3	22 2	1 44	11 56	1 5	16 12	1 2	7 21	2 24	23 41	0 17	2 3	1 26	0 39	15 45	1 4	0 54	28 26	10 38	7 12	
T 23	23 29 23 28	4 4	23 20	0n 8	21 46	1 45	11 43	1 5	16 11	1 1	7 23	2 25	23 41	0 17	2 3	1 26	0 38	15 46	1 1	0 52	28 25	10 39	7 12	
W24	23 29 26 22	4 35	23 38	0 19	21 31	1 45	11 29	1 4	16 11	1 1	7 24	2 25	23 41	0 17	2 3	1 26	0 38	15 46	0 57	0 51	28 25	10 39	7 13	
T 25	23 28 28 3	4 54	23 54	0 29	21 14	1 45	11 16	1 3	16 10	1 1	7 26	2 25	23 40	0 18	2 3	1 26	0 38	15 46	0 52	0 50	28 24	10 39	7 13	
F 26	23 26 28 27	4 59	24 7	0 39	20 58	1 45	11 3	1 2	16 9	1 1	7 27	2 25	23 40	0 18	2 2	1 26	0 38	15 46	0 46	0 49	28 24	10 40	7 13	
S 27	23 24 27 32	4 52	24 18	0 49	20 40	1 46	10 49	1 1	16 8	1 0	7 28	2 26	23 40	0 18	2 2	1 26	0 38	15 47	0 40	0 47	28 23	10 40	7 14	
S 28	23 22 25 21	4 32	24 26	0 58	20 22	1 45	10 36	1 0	16 8	1 0	7 30	2 26	23 40	0 18	2 2	1 26	0 38	15 47	0 35	0 46	28 23	10 41	7 14	
M29	23 20 22 5	4 0	24 31	1 6	20 4	1 45	10 22	0 59	16 7	1 0	7 31	2 26	23 40	0 18	2 2	1 26	0 38	15 47	0 31	0 45	28 22	10 41	7 14	
T 30	23n16	17n51	3n17	24n34	1n13	19n45	1n45	10n 9	0n59	16s 7	1n 0	7n32	2s26	23n40	0n18	2n 1	1n26	0s38	15s47	0n28</				

SWISS EPHEMERIS for the year 1615

JULY 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
W 1	18 34 28	8 ^h 32'19"	2 ^m 25"	8 ^h 27'	10 ^h 10'	6 ^m 50"	17°R22	25°V21	5 ^h 24'	28 ^m 13"	8 ^h 26'	1°R 5	1°V46	8 ^h 20'	10°R23	
T 2	18 38 24	9°29'31"	14°41"	10°37'	11°22'	7°25'	17 ^m 20	25°25	5°46'	28°14"	8°27'	1°V 2	1°43'	8° 6'	10 ^m 20	
F 3	18 42 21	10°26'42"	27°12"	12°46'	12°34'	8° 1'	17°17	25°29	5°50'	28°15"	8°28'	1°D 1	1°40'	8°13'	10°18	
S 4	18 46 17	11°23'54"	10 ^h 1	14°54'	13°45'	8°36'	17°15	25°33	5°53'	28°15"	8°28'	1°R 1	1°37'	8°20'	10°15	
S 5	18 50 14	12°21'05"	23°14"	17° 1'	14°57'	9°11'	17°13	25°36	5°57'	28°16"	8°29'	1° 1	1°33'	8°27'	10°12	
M 6	18 54 10	13°18'17"	6 ^m 54"	19° 7'	16° 8'	9°46'	17°12	25°39	6° 0'	28°17"	8°30'	0°59'	1°30'	8°33'	10° 9	
T 7	18 58 7	14°15'28"	21° 2'	21°11'	17°20'	10°22'	17°10	25°43	6° 4'	28°18"	8°31'	0°55'	1°27'	8°40'	10° 6	
W 8	19 2 4	15°12'40"	5 ^m 38"	23°14"	18°31'	10°57'	17° 9	25°46	6° 8'	28°19"	8°31'	0°49'	1°24'	8°47'	10° 4	
T 9	19 6 0	16° 9'51"	20°37'	25°15'	19°43'	11°33'	17° 8	25°49	6°11'	28°20"	8°32'	0°40'	1°21'	8°53'	10° 1	
F 10	19 9 57	17° 7'03"	5 ^h 52'	27°15'	20°54'	12° 9'	17° 7	25°52	6°15'	28°21"	8°32'	0°31'	1°18'	9° 0'	9°58	
S 11	19 13 53	18° 4'15"	21°11'	29°13'	22° 5'	12°44'	17° 6	25°55	6°18'	28°22"	8°33'	0°21'	1°14'	9° 7'	9°55	
S 12	19 17 50	19° 1'28"	6 ^m 24"	1 ^h 9'	23°17'	13°20'	17° 5	25°58	6°22'	28°23"	8°34'	0°12'	1°11'	9°14'	9°52	
M13	19 21 46	19°58'41"	21°20"	3° 4'	24°28'	13°56'	17° 5	26° 1'	6°25'	28°24"	8°34'	0° 5'	1° 8'	9°20'	9°49	
T 14	19 25 43	20°55'54"	5 ^m 51"	4°57'	25°39'	14°32'	17° 5	26° 4'	6°29'	28°25"	8°35'	0° 0'	1° 5'	9°27'	9°46	
W15	19 29 40	21°53'08"	19°54'	6°48'	26°50'	15° 8'	17°D 4	26° 6'	6°33'	28°26"	8°35'	29 ^m 58"	1° 2'	9°34'	9°43	
T 16	19 33 36	22°50'23"	3 ^m 28"	8°37'	28° 1'	15°44'	17° 5	26° 9'	6°36'	28°27"	8°36'	29°D58	0°59'	9°41'	9°40	
F 17	19 37 33	23°47'39"	16°36'	10°24'	29°12'	16°21'	17° 5	26°11'	6°40'	28°28"	8°36'	29°58	0°55'	9°47'	9°37	
S 18	19 41 29	24°44'56"	29°20"	12°10'	0 ^m 23"	16°57'	17° 5	26°13'	6°43'	28°29"	8°37'	29°R59	0°52'	9°54'	9°33	
S 19	19 45 26	25°42'13"	11 ^h 8'46"	13°53'	1°34'	17°33'	17° 6	26°16'	6°47'	28°31"	8°37'	29°57	0°49'	10° 1'	9°30	
M20	19 49 22	26°39'32"	23°57'	15°35'	2°44'	18°10'	17° 7	26°18'	6°50'	28°32"	8°37'	29°54	0°46'	10° 7'	9°27	
T 21	19 53 19	27°36'52"	5 ^m 58"	17°16'	3°55'	18°46'	17° 8	26°20'	6°53'	28°33"	8°38'	29°48	0°43'	10°14'	9°24	
W22	19 57 15	28°34'12"	17°53'	18°54'	5° 6'	19°23'	17° 9	26°22'	6°57'	28°34"	8°38'	29°40	0°39'	10°21'	9°21	
T 23	20 1 12	29°31'14"	29°45'	20°31'	6°16'	19°59'	17°10	26°24'	7° 0'	28°36"	8°39'	29°30	0°36'	10°28'	9°18	
F 24	20 5 9	0 ^h 28'56"	11 ^h 37'	22° 6'	7°27'	20°36'	17°12	26°25'	7° 4'	28°37"	8°39'	29°19	0°33'	10°34'	9°14	
S 25	20 9 5	1°26'19"	23°30'	23°39'	8°37'	21°13'	17°14	26°27'	7° 7'	28°38"	8°39'	29° 8	0°30'	10°41'	9°11	
S 26	20 13 2	2°23'43"	5 ^h 26'	25°10'	9°48'	21°50'	17°16	26°28'	7°10'	28°40"	8°40'	28°58	0°27'	10°48'	9° 8	
M27	20 16 58	3°21'08"	17°27'	26°40'	10°58'	22°27'	17°18	26°30'	7°14'	28°41"	8°40'	28°49	0°24'	10°54'	9° 5	
T 28	20 20 55	4°18'34"	29°33'	28° 8'	12° 8'	23° 4'	17°20	26°31'	7°17'	28°43"	8°40'	28°43	0°20'	11° 1'	9° 1	
W29	20 24 51	5°16'00"	11 ^m 48"	29°34'	13°19'	23°41'	17°22	26°32'	7°20'	28°44"	8°40'	28°39	0°17'	11° 8'	8°58	
T 30	20 28 48	6°13'27"	24°12'	0 ^m 58"	14°29'	24°18'	17°25	26°33'	7°24'	28°46"	8°41'	28°D38	0°14'	11°15'	8°55	
F 31	20 32 44	7 ^h 10'55"	6 ^h 50"	2 ^m 20"	15 ^m 39"	24 ^m 55"	17 ^m 28	26°V34	7 ^h 27'	28 ^m 47"	8 ^h 41'	28 ^h 38	0°V11	11 ^h 21	8 ^h 52	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	23n13	12n53	2n25	24n34	1n20	19n25	1n45	9n55	0n58	16s 6	0n59	7n33	2s27	23n40	0n18	2n 1
T 2	23 9	7 21	1 25	24 30	1 27	19 5	1 45	9 41	0 57	16 6	0 59	7 34	2 27	23 39	0 18	2 1
F 3	23 5	1 26	0 20	24 25	1 32	18 44	1 44	9 27	0 56	16 5	0 59	7 36	2 27	23 39	0 18	2 0
S 4	23 0	4s42	0s47	24 16	1 37	18 23	1 44	9 13	0 55	16 5	0 59	7 37	2 27	23 39	0 18	2 0
S 5	22 55	10 49	1 55	24 5	1 41	18 2	1 43	8 59	0 54	16 5	0 58	7 38	2 27	23 39	0 18	2 0
M 6	22 49	16 39	2 58	23 51	1 44	17 40	1 42	8 45	0 54	16 4	0 58	7 39	2 28	23 39	0 18	1 59
T 7	22 44	21 47	3 52	23 35	1 47	17 17	1 42	8 31	0 53	16 4	0 58	7 40	2 28	23 39	0 18	1 59
W 8	22 37	25 46	4 33	23 16	1 49	16 54	1 41	8 16	0 52	16 4	0 58	7 41	2 28	23 39	0 18	1 59
T 9	22 31	28 6	4 57	22 56	1 50	16 31	1 40	8 2	0 51	16 4	0 57	7 42	2 29	23 38	0 18	1 58
F 10	22 24	28 21	5 0	22 33	1 50	16 7	1 39	7 48	0 50	16 4	0 57	7 42	2 29	23 38	0 18	1 58
S 11	22 16	26 28	4 42	22 9	1 50	15 43	1 38	7 33	0 50	16 4	0 57	7 43	2 29	23 38	0 18	1 57
S 12	22 8	22 39	4 4	21 43	1 49	15 19	1 37	7 19	0 49	16 4	0 57	7 44	2 29	23 38	0 18	1 57
M13	22 0	17 25	3 10	21 15	1 48	14 54	1 35	7 4	0 48	16 4	0 56	7 45	2 30	23 38	0 18	1 56
T 14	21 51	11 19	2 4	20 46	1 45	14 28	1 34	6 50	0 47	16 4	0 56	7 46	2 30	23 38	0 18	1 56
W15	21 43	4 49	0 53	20 16	1 43	14 3	1 33	6 35	0 46	16 5	0 56	7 46	2 30	23 37	0 18	1 55
T 16	21 33	1n40	0n19	19 45	1 39	13 37	1 31	6 20	0 46	16 5	0 56	7 47	2 30	23 37	0 18	1 55
F 17	21 23	7 53	1 27	19 12	1 36	13 11	1 30	6 5	0 45	16 5	0 55	7 48	2 31	23 37	0 18	1 54
S 18	21 13	13 36	2 30	18 39	1 31	12 44	1 28	5 50	0 44	16 6	0 55	7 48	2 31	23 37	0 18	1 54
S 19	21 3	18 37	3 23	18 4	1 26	12 17	1 26	5 36	0 43	16 6	0 55	7 49	2 31	23 37	0 18	1 53
M20	20 52	22 46	4 6	17 29	1 21	11 50	1 24	5 21	0 42	16 6	0 55	7 49	2 31	23 37	0 18	1 53
T 21	20 41	25 55	4 38	16 54	1 15	11 22	1 22	5 5	0 42	16 7	0 54	7 50	2 32	23 36	0 18	1 52
W22	20 30	27 52	4 57	16 17	1 9	10 54	1 20	4 50	0 41	16 8	0 54	7 50	2 32	23 36	0 18	1 52
T 23	20 18	28 33	5 3	15 40	1 3	10 26	1 18	4 35	0 40	16 8	0 54	7 50	2 32	23 36	0 18	1 51
F 24	20 6	27 54	4 57	15 3	0 56	9 58	1 16	4 20	0 39	16 9	0 54	7 51	2 32	23 36	0 18	1 51
S 25	19 53	25 59	4 37	14 26	0 49	9 29	1 14	4 5	0 39	16 10	0 53	7 51	2 33	23 36	0 18	1 50
S 26	19 40	22 55	4 5	13 48	0 41	9 1	1 11	3 50	0 38	16 10	0 53	7 51	2 33	23 36	0 18	1 50
M27	19 27	18 51	3 22	13 10	0 33	8 32	1 9	3 34	0 37	16 11	0 53	7 52	2 33	23 35	0 18	1 49
T 28	19 13	13 59	2 29	12 32	0 25	8 2	1 6	3 19	0 36	16 12	0 53	7 52	2 34	23 35	0 18	1 48
W29	19 0	8 32	1 29	11 54	0 16	7 33	1 4	3 3	0 36	16 13	0 52	7 52	2 34	23 35	0 18	1 48
T 30	18 45	2 40	0 24	11 16	0 8	7 4	1 1	2 48	0 35	16 14	0 52	7 52	2 34	23 35	0 18	1 47
F 31	18n31	3s23	0s44	10n38	0s 1	6n34	0n58	2n32	0n34	16s15	0n52	7n52	2s34	23n35	0n18	1n47

Julian Day Number = 2311107.5, Delta T = 121.00 sec
 Ecliptic obliquity = 23°29'30", Nutation = - 0°00'00"
 Ayanamsha: Fagan/Bradley = 19°22'26", Lahiri = 18°29'26"Greg. Calendar

SWISS EPHEMERIS for the year 1615

AUGUST 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	20 36 41	8♎ 8'24	19♌43	3♎41	16♎49	25♎33	17♎31	26♎35	7♎30	28♎49	8♎41	28♎39	0♎ 8	11♌28	8♎R48
S 2	20 40 38	9° 5'53	2♎56	4°59	17°59	26°10	17°34	26°36	7°33	28°50	8°41	28°R40	0° 5	11°35	8♎45
M 3	20 44 34	10° 3'24	16°31	6°16	19° 9	26°48	17°37	26°37	7°37	28°52	8°41	28°40	0° 1	11°42	8°42
T 4	20 48 31	11° 0'55	0♊30	7°30	20°18	27°25	17°41	26°37	7°40	28°53	8°41	28°38	29♋58	11°48	8°38
W 5	20 52 27	11°58'27	14°53	8°42	21°28	28° 3	17°44	26°38	7°43	28°55	8°41	28°35	29°55	11°55	8°35
T 6	20 56 24	12°56'00	29°36	9°52	22°38	28°40	17°48	26°38	7°46	28°57	8°41	28°30	29°52	12° 2	8°32
F 7	21 0 20	13°53'34	14♌35	11° 0	23°47	29°18	17°52	26°38	7°49	28°58	8°42	28°23	29°49	12° 8	8°29
S 8	21 4 17	14°51'09	29°41	12° 5	24°57	29°56	17°56	26°38	7°52	29° 0	8°42	28°17	29°45	12°15	8°25
S 9	21 8 13	15°48'45	14♌44	13° 8	26° 6	0♊34	18° 1	26°R38	7°55	29° 2	8°R42	28°11	29°42	12°22	8°22
M10	21 12 10	16°46'23	29°36	14° 9	27°15	1°12	18° 5	26°38	7°58	29° 4	8°42	28° 7	29°39	12°29	8°19
T 11	21 16 7	17°44'01	14♋ 7	15° 6	28°24	1°50	18°10	26°38	8° 1	29° 5	8°41	28° 4	29°36	12°35	8°16
W12	21 20 3	18°41'41	28°14	16° 1	29°33	2°28	18°15	26°38	8° 4	29° 7	8°41	28°D 3	29°33	12°42	8°13
T 13	21 24 0	19°39'23	11♎53	16°53	0♊42	3° 6	18°20	26°38	8° 7	29° 9	8°41	28° 4	29°30	12°49	8° 9
F 14	21 27 56	20°37'06	25° 5	17°42	1°51	3°44	18°25	26°37	8°10	29°11	8°41	28° 5	29°26	12°55	8° 6
S 15	21 31 53	21°34'51	7♌55	18°27	3° 0	4°23	18°30	26°37	8°13	29°13	8°41	28° 7	29°23	13° 2	8° 3
S 16	21 35 49	22°32'37	20°23	19° 9	4° 9	5° 1	18°35	26°36	8°16	29°14	8°41	28°R 8	29°20	13° 9	8° 0
M17	21 39 46	23°30'25	2♎36	19°47	5°17	5°39	18°41	26°35	8°19	29°16	8°41	28° 7	29°17	13°16	7°57
T 18	21 43 42	24°28'15	14°37	20°21	6°26	6°18	18°47	26°34	8°21	29°18	8°41	28° 5	29°14	13°22	7°54
W19	21 47 39	25°26'07	26°32	20°51	7°34	6°56	18°53	26°33	8°24	29°20	8°40	28° 2	29°11	13°29	7°51
T 20	21 51 36	26°24'01	8♌23	21°16	8°42	7°35	18°59	26°32	8°27	29°22	8°40	27°58	29° 7	13°36	7°48
F 21	21 55 32	27°21'56	20°16	21°37	9°50	8°14	19° 5	26°31	8°30	29°24	8°40	27°52	29° 4	13°42	7°45
S 22	21 59 29	28°19'53	2♎12	21°53	10°58	8°52	19°11	26°30	8°32	29°26	8°40	27°47	29° 1	13°49	7°42
S 23	22 3 25	29°17'52	14°14	22° 4	12° 6	9°31	19°18	26°28	8°35	29°28	8°39	27°42	28°58	13°56	7°39
M24	22 7 22	0♎15'52	26°24	22°R 9	13°14	10°10	19°24	26°27	8°37	29°30	8°39	27°38	28°55	14° 3	7°36
T 25	22 11 18	1°13'54	8♎43	22° 8	14°22	10°49	19°31	26°25	8°40	29°32	8°39	27°36	28°51	14° 9	7°33
W26	22 15 15	2°11'57	21°12	22° 2	15°29	11°28	19°38	26°23	8°42	29°34	8°38	27°34	28°48	14°16	7°30
T 27	22 19 11	3°10'02	3♌53	21°49	16°37	12° 7	19°45	26°21	8°45	29°36	8°38	27°D34	28°45	14°23	7°27
F 28	22 23 8	4° 8'08	16°47	21°30	17°44	12°47	19°52	26°20	8°47	29°38	8°38	27°35	28°42	14°30	7°24
S 29	22 27 5	5° 6'16	29°54	21° 5	18°51	13°26	19°59	26°18	8°50	29°40	8°37	27°37	28°39	14°36	7°22
S 30	22 31 1	6° 4'26	13♎16	20°34	19°58	14° 5	20° 7	26°15	8°52	29°42	8°37	27°38	28°36	14°43	7°19
MB1	22 34 58	7♎ 2'37	26♎55	19♎57	21♌ 5	14♌45	20♎15	26♎13	8♌54	29♎44	8♌36	27♎39	28♎32	14♌50	7♎16

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	18n16	9s27	1s51	10n 1	0s11	6n 4	0n55	2n17	0n33	16s16	0n52	7n52	2s35	23n35	0n18	1n46	1n24	0s42	15s57	0s32	0n 3	28n 1	11s 3	7n18
S 2	18 1 15 14	2 54	9 23	0 20	5 34	0 52	2 1	0 33	16 17	0 51	7 52	2 35	23 34	0 18	1 45	1 24	0 43	15 57	0 32	0 2	28 1	11 3	7 18	
M 3	17 46 20 28	3 49	8 46	0 30	5 4	0 49	1 46	0 32	16 18	0 51	7 52	2 35	23 34	0 18	1 45	1 24	0 43	15 57	0 32	0 1	28 0	11 4	7 18	
T 4	17 30 24 44	4 32	8 10	0 40	4 33	0 46	1 30	0 31	16 20	0 51	7 52	2 35	23 34	0 18	1 44	1 24	0 43	15 57	0 33	0s 1	27 59	11 5	7 18	
W 5	17 14 27 35	4 59	7 33	0 50	4 3	0 43	1 15	0 30	16 21	0 51	7 52	2 36	23 34	0 18	1 43	1 24	0 43	15 58	0 34	0 2	27 58	11 6	7 18	
T 6	16 58 28 37	5 8	6 57	1 0	3 32	0 40	0 59	0 30	16 22	0 50	7 52	2 36	23 34	0 18	1 43	1 24	0 44	15 58	0 36	0 3	27 57	11 7	7 18	
F 7	16 42 27 36	4 56	6 22	1 10	3 2	0 36	0 43	0 29	16 24	0 50	7 52	2 36	23 34	0 18	1 42	1 24	0 44	15 58	0 39	0 5	27 56	11 8	7 18	
S 8	16 25 24 33	4 23	5 48	1 21	2 31	0 33	0 27	0 28	16 25	0 50	7 52	2 37	23 33	0 18	1 41	1 24	0 44	15 59	0 41	0 6	27 56	11 9	7 18	
S 9	16 8 19 50	3 33	5 14	1 31	2 0	0 30	0 12	0 27	16 26	0 50	7 52	2 37	23 33	0 18	1 40	1 24	0 45	15 59	0 43	0 7	27 55	11 10	7 18	
M10	15 51 13 57	2 28	4 41	1 42	1 30	0 26	0s 4	0 27	16 28	0 49	7 51	2 37	23 33	0 18	1 40	1 24	0 45	15 59	0 45	0 8	27 54	11 11	7 18	
T 11	15 33 7 25	1 15	4 9	1 53	0 59	0 23	0 20	0 26	16 29	0 49	7 51	2 37	23 33	0 18	1 39	1 24	0 45	16 0	0 46	0 10	27 53	11 11	7 17	
W12	15 15 0 42	0n 1	3 38	2 3	0 28	0 19	0 36	0 25	16 31	0 49	7 51	2 38	23 33	0 18	1 38	1 24	0 46	16 0	0 46	0 11	27 52	11 12	7 17	
T 13	14 57 5n51	1 14	3 8	2 14	0s 3	0 15	0 52	0 24	16 32	0 49	7 50	2 38	23 33	0 18	1 38	1 24	0 46	16 0	0 46	0 12	27 51	11 13	7 17	
F 14	14 39 11 56	2 22	2 39	2 25	0 34	0 11	1 8	0 24	16 34	0 49	7 50	2 38	23 33	0 18	1 37	1 24	0 46	16 1	0 46	0 13	27 51	11 14	7 17	
S 15	14 21 17 19	3 20	2 12	2 35	1 5	0 8	1 23	0 23	16 36	0 48	7 49	2 38	23 32	0 18	1 36	1 24	0 46	16 1	0 45	0 15	27 50	11 15	7 17	
S 16	14 2 21 51	4 7	1 46	2 46	1 36	0 4	1 39	0 22	16 38	0 48	7 49	2 39	23 32	0 18	1 35	1 24	0 47	16 1	0 45	0 16	27 49	11 16	7 17	
M17	13 43 25 19	4 41	1 22	2 56	2 7	0s 0	1 55	0 22	16 39	0 48	7 48	2 39	23 32	0 18	1 34	1 24	0 47	16 1	0 45	0 17	27 48	11 17	7 16	
T 18	13 24 27 37	5 3	0 59	3 6	2 37	0 4	2 11	0 21	16 41	0 48	7 48	2 39	23 32	0 18	1 34	1 24	0 47	16 2	0 46	0 18	27 47	11 18	7 16	
W19	13 4 28 38	5 11	0 38	3 16	3 8	0 8	2 27	0 20	16 43	0 47	7 47	2 39	23 32	0 18	1 33	1 24	0 48	16 2	0 47	0 20	27 46	11 19	7 16	
T 20	12 45 28 19	5 6	0 19	3 25	3 39	0 13	2 43	0 19	16 45	0 47	7 47	2 40	23 32	0 18	1 32	1 24	0 48	16 2	0 49	0 21	27 45	11 20	7 16	
F 21	12 25 26 43	4 48	0 3	3 34	4 10	0 17	2 59	0 19	16 47	0 47	7 46	2 40	23 31	0 18	1 31	1 24	0 49	16 3	0 51	0 22	27 44	11 21	7 16	
S 22	12 5 23 54	4 18	0s11	3 43	4 40	0 21	3 15	0 18	16 49	0 47	7 45	2 40	23 31	0 18	1 31	1 24	0 49	16 3	0 53	0 24	27 43	11 22	7 15	
S 23	11 45 20 1	3 35	0 23	3 51	5 11	0 25	3 31	0 17	16 51	0 47	7 44	2 40	23 31	0 18	1 30	1 24	0 49	16 3	0 55	0 25	27 42	11 23	7 15	
M24	11 24 15 17	2 43	0 32	3 58	5 41	0 30	3 47	0 17	16 53	0 46	7 44	2 41	23 31	0 18	1 29	1 24	0 50	16 3	0 56	0 26	27 41	11 24	7 15	
T 25	11 4 9 53	1 42	0 38	4 5	6 12	0 34	4 3	0 16	16 55	0 46	7 43	2 41	23 31	0 18	1 28	1 24	0 50	16 4	0 58	0 27	27 40	11 25	7 15	
W26	10 43 4 2	0 35	0 41	4 11	6 42	0 38	4 19	0 15	16 57	0 46	7 42	2 41	23 31	0 18	1 27	1 24	0 50	16 4	0 58	0 29	27 39	11 26	7 15	
T 27	10 22 2s 5	0s35	0 40	4 16	7 12	0 43	4 35	0 14	16 59	0 46	7 41	2 41	23 31	0 18	1 26	1 24	0 51	16 4	0 58	0 30	27 38	11 27	7 14	
F 28	10 1 8 12	1 44	0 36	4 20	7 42	0 47	4 51	0 14	17 1	0 45	7 40	2 42	23 30	0 18	1 26	1 24	0 51	16 5	0 58	0 31	27 37	11 27	7 14	
S 29	9 40 14 5	2 49	0 28	4 22	8 12	0 52	5 7	0 13	17 3	0 45	7 39	2 42	23 30	0 18	1 25	1 24	0 51	16 5	0 57					

SWISS EPHEMERIS for the year 1615

SEPTEMBER 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	22 38 54	8 ^m 0'50	10 ^m 50	19°R14	22 ^m 12	15 ^m 24	20 ^m 22	26°R11	8 ^m 57	29 ^m 46	8°R36	27°R39	28 ^m 29	14 ^m 56	7°R14	
W 2	22 42 51	8°59'04	25° 1	18 ^m 25	23°19	16° 3	20°30	26°Y 9	8°59	29°48	8°36	27°39	28°26	15° 3	7 ^m 11	
T 3	22 46 47	9°57'19	9 ^m 27	17°33	24°25	16°43	20°38	26° 6	9° 1	29°51	8°35	27°37	28°23	15°10	7° 8	
F 4	22 50 44	10°55'36	24° 3	16°36	25°31	17°23	20°46	26° 3	9° 3	29°53	8°35	27°35	28°20	15°17	7° 6	
S 5	22 54 40	11°53'55	8 ^m 44	15°37	26°37	18° 2	20°54	26° 1	9° 5	29°55	8°34	27°33	28°16	15°23	7° 3	
S 6	22 58 37	12°52'15	23°25	14°36	27°43	18°42	21° 3	25°58	9° 7	29°57	8°33	27°32	28°13	15°30	7° 1	
M 7	23 2 34	13°50'37	7 ^m 57	13°35	28°49	19°22	21°11	25°55	9° 9	29°59	8°33	27°30	28°10	15°37	6°59	
T 8	23 6 30	14°49'01	22°15	12°35	29°55	20° 2	21°20	25°52	9°11	0 ^m 1	8°32	27°D30	28° 7	15°43	6°56	
W 9	23 10 27	15°47'26	6 ^m 15	11°38	11 ^m 0	20°42	21°28	25°49	9°13	0° 4	8°32	27°30	28° 4	15°50	6°54	
T 10	23 14 23	16°45'54	19°52	10°45	2° 5	21°22	21°37	25°46	9°15	0° 6	8°31	27°30	28° 1	15°57	6°52	
F 11	23 18 20	17°44'24	3 ^m 6	9°57	3°10	22° 2	21°46	25°43	9°17	0° 8	8°30	27°31	27°57	16° 4	6°50	
S 12	23 22 16	18°42'56	15°57	9°16	4°15	22°42	21°55	25°40	9°19	0°10	8°30	27°32	27°54	16°10	6°47	
S 13	23 26 13	19°41'30	28°29	8°43	5°20	23°22	22° 4	25°36	9°20	0°12	8°29	27°33	27°51	16°17	6°45	
M14	23 30 9	20°40'06	10 ^m 45	8°18	6°24	24° 3	22°14	25°33	9°22	0°14	8°28	27°33	27°48	16°24	6°43	
T 15	23 34 6	21°38'45	22°48	8° 2	7°29	24°43	22°23	25°29	9°24	0°17	8°28	27°R33	27°45	16°30	6°41	
W16	23 38 3	22°37'26	4 ^m 43	7°D56	8°33	25°24	22°33	25°26	9°25	0°19	8°27	27°33	27°42	16°37	6°39	
T 17	23 41 59	23°36'09	16°35	8° 0	9°36	26° 4	22°42	25°22	9°27	0°21	8°26	27°33	27°38	16°44	6°38	
F 18	23 45 56	24°34'54	28°29	8°13	10°40	26°45	22°52	25°19	9°28	0°23	8°25	27°33	27°35	16°51	6°36	
S 19	23 49 52	25°33'41	10 ^m 28	8°37	11°43	27°25	23° 2	25°15	9°30	0°26	8°25	27°32	27°32	16°57	6°34	
S 20	23 53 49	26°32'31	22°36	9° 9	12°46	28° 6	23°12	25°11	9°31	0°28	8°24	27°32	27°29	17° 4	6°32	
M21	23 57 45	27°31'23	4 ^m 55	9°51	13°49	28°47	23°22	25° 7	9°33	0°30	8°23	27°D32	27°26	17°11	6°31	
T 22	0 1 42	28°30'17	10 ^m 18	10°41	14°52	29°28	23°32	25° 3	9°34	0°32	8°22	27°32	27°22	17°17	6°29	
W23	0 5 38	29°29'13	0 ^m 15	11°39	15°54	0 ^m 8	23°42	24°59	9°35	0°35	8°21	27°R32	27°19	17°24	6°28	
T 24	0 9 35	0 ^m 28'11	13°18	12°44	16°56	0°49	23°52	24°55	9°36	0°37	8°21	27°32	27°16	17°31	6°26	
F 25	0 13 31	1°27'10	26°35	13°56	17°58	1°30	24° 3	24°51	9°37	0°39	8°20	27°32	27°13	17°38	6°25	
S 26	0 17 28	2°26'12	10 ^m 5	15°13	19° 0	2°12	24°13	24°46	9°39	0°41	8°19	27°31	27°10	17°44	6°23	
S 27	0 21 25	3°25'16	23°48	16°36	20° 1	2°53	24°24	24°42	9°40	0°43	8°18	27°31	27° 7	17°51	6°22	
M28	0 25 21	4°24'22	7 ^m 41	18° 3	21° 2	3°34	24°34	24°38	9°41	0°46	8°17	27°30	27° 3	17°58	6°21	
T 29	0 29 18	5°23'30	21°44	19°33	22° 2	4°15	24°45	24°34	9°42	0°48	8°16	27°29	27° 0	18° 4	6°20	
W30	0 33 14	6°22'39	5 ^m 52	21 ^m 7	23 ^m 2	4 ^m 57	24 ^m 56	24°Y 29	9°42	0°50	8°15	27°D29	26 ^m 57	18°51	6 ^m 19	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	8n35	27s 6	5s 2	0n17	4s20	9s41	1s 6	5s54	0n11	17s10	0n45	7n36	2s43	23n30	0n19	1n22	1n24	0s53	16s 6	0s56	0s36	27n33	11s31	7n13
W 2	8 13	28 38	5 15	0 40	4 16	10 10	1 10	6 10	0 10	17 12	0 44	7 35	2 43	23 30	0 19	1 21	1 24	0 53	16 6	0 56	0 37	27 32	11 32	7 13
T 3	7 51	28 17	5 9	1 6	4 10	10 39	1 15	6 26	0 10	17 14	0 44	7 34	2 43	23 30	0 19	1 21	1 24	0 53	16 6	0 57	0 39	27 31	11 33	7 12
F 4	7 29	25 59	4 42	1 35	4 21	11 8	1 20	6 42	0 9	17 17	0 44	7 33	2 43	23 30	0 19	1 20	1 24	0 54	16 7	0 58	0 40	27 30	11 34	7 12
S 5	7 7	21 56	3 58	2 7	3 52	11 36	1 25	6 58	0 8	17 19	0 44	7 32	2 44	23 29	0 19	1 19	1 24	0 54	16 7	0 58	0 41	27 29	11 35	7 12
S 6	6 45	16 32	2 57	2 41	3 40	12 5	1 29	7 14	0 8	17 21	0 44	7 31	2 44	23 29	0 19	1 18	1 24	0 55	16 7	0 59	0 43	27 28	11 36	7 11
M 7	6 22	10 15	1 46	3 17	3 27	12 33	1 34	7 29	0 7	17 24	0 43	7 29	2 44	23 29	0 19	1 17	1 24	0 55	16 7	1 0	0 44	27 27	11 37	7 11
T 8	6 0	3 31	0 29	3 54	3 12	13 0	1 39	7 45	0 6	17 26	0 43	7 28	2 44	23 29	0 19	1 16	1 24	0 56	16 8	1 0	0 45	27 26	11 38	7 11
W 9	5 37	3n13	0n48	4 31	2 55	13 28	1 44	8 1	0 5	17 29	0 43	7 27	2 44	23 29	0 19	1 15	1 24	0 56	16 8	1 0	0 46	27 25	11 39	7 10
T 10	5 14	9 39	2 1	5 8	2 37	13 55	1 48	8 17	0 5	17 31	0 43	7 25	2 45	23 29	0 19	1 15	1 24	0 56	16 8	1 0	0 48	27 24	11 39	7 10
F 11	4 51	15 28	3 5	5 43	2 18	14 22	1 53	8 32	0 4	17 34	0 43	7 24	2 45	23 29	0 19	1 14	1 24	0 57	16 8	0 59	0 49	27 23	11 40	7 9
S 12	4 28	20 26	3 57	6 17	1 59	14 49	1 58	8 48	0 3	17 36	0 42	7 23	2 45	23 29	0 19	1 13	1 24	0 57	16 9	0 59	0 50	27 22	11 41	7 9
S 13	4 5	24 22	4 37	6 48	1 39	15 15	2 3	9 3	0 3	17 39	0 42	7 21	2 45	23 29	0 19	1 12	1 24	0 58	16 9	0 59	0 51	27 21	11 42	7 9
M14	3 42	27 6	5 3	7 15	1 19	15 42	2 8	9 19	0 2	17 41	0 42	7 20	2 45	23 28	0 19	1 11	1 24	0 58	16 9	0 58	0 53	27 19	11 43	7 8
T 15	3 19	28 33	5 16	7 39	0 59	16 7	2 13	9 34	0 1	17 44	0 42	7 19	2 45	23 28	0 19	1 10	1 24	0 58	16 9	0 58	0 54	27 18	11 44	7 8
W16	2 56	28 39	5 14	7 59	0 40	16 33	2 17	9 50	0 1	17 46	0 42	7 17	2 46	23 28	0 19	1 9	1 24	0 59	16 9	0 58	0 55	27 17	11 45	7 8
T 17	2 33	27 25	5 0	8 15	0 22	16 58	2 22	10 5	0 0	17 49	0 42	7 16	2 46	23 28	0 19	1 8	1 24	0 59	16 10	0 59	0 56	27 16	11 45	7 7
F 18	2 9	24 57	4 32	8 26	0 4	17 23	2 27	10 21	0s 1	17 52	0 41	7 14	2 46	23 28	0 19	1 8	1 24	1 0	16 10	0 59	0 58	27 15	11 46	7 7
S 19	1 46	21 23	3 52	8 33	0n12	17 47	2 32	10 36	0 1	17 54	0 41	7 13	2 46	23 28	0 19	1 7	1 24	1 0	16 10	0 59	0 59	27 14	11 47	7 6
S 20	1 23	16 52	3 2	8 35	0 28	18 11	2 36	10 51	0 2	17 57	0 41	7 11	2 46	23 28	0 19	1 6	1 24	1 1	16 10	0 59	1 0	27 13	11 48	7 6
M21	0 59	11 37	2 2	8 32	0 42	18 35	2 41	11 6	0 3	18 0	0 41	7 10	2 46	23 28	0 19	1 5	1 24	1 1	16 11	0 59	1 2	27 11	11 49	7 5
T 22	0 36	5 49	0 56	8 25	0 55	18 58	2 46	11 21	0 3	18 2	0 41	7 8	2 47	23 28	0 19	1 4	1 24	1 2	16 11	0 59	1 3	27 10	11 50	7 5
W23	0 12	0s20	0s15	8 14	1 6	19 21	2 50	11 36	0 4	18 5	0 41	7 6	2 47	23 28	0 19	1 3	1 24	1 2	16 11	0 59	1 4	27 9	11 50	7 5
T 24	0s11	6 35	1 26	7 58	1 17	19 44	2 55	11 51	0 5	18 8	0 40	7 5	2 47	23 28	0 19	1 2	1 24	1 2	16 11	0 59	1 5	27 8	11 51	7 4
F 25	0 35	12 40	2 34	7 39	1 26	20 6	3 0	12 6	0 5	18 11	0 40	7 3	2 47	23 28	0 19	1 1	1 24	1 3	16 11	0 59	1 7	27 7	11 52	7 4
S 26	0 58	18 16	3 35	7 16	1 33	20 27	3 4	12 21	0 6	18 13	0 40	7 1	2 47	23 28	0 19	1 0	1 24	1 3	16 11	0 59	1 8	27 5	11 53	7 3
S 27	1 22	23 1	4 24	6 50	1 40	20 49	3 9	12 36	0 6	18 16	0 40	7 0	2 47	23 28	0 19	1 0	1 24	1 4	16 12	1 0	1 9	27 4	11 53	7 3
M28	1 45	26 32	4 58	6 21	1 45	21 9	3 13	12 51	0 7	18 19	0 40	6 58	2 47	23 27	0 19	0 59	1 24	1 4	16 12	1 0	1 10	27 3	11 54	7 2
T 29	2 9	28 28	5 15	5 49	1 49	21 30	3 18	13 5	0 8	18 22	0 40	6 56	2 47	23 27	0 19	0 58	1 24	1 5	16 12	1				

SWISS EPHEMERIS for the year 1615

OCTOBER 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	0 37 11	7♂21'50	20♁ 6	22♁44	24♁ 2	5♁38	25♁ 7	24°R25	9♁43	0♁52	8°R14	27♁29	26♁54	18♁18	6°R18
F 2	0 41 7	8°21'03	4♁22	24°23	25° 2	6°20	25°18	24°Y20	9°44	0°55	8♁13	27°30	26°51	18°25	6♁17
S 3	0 45 4	9°20'17	18°37	26° 4	26° 1	7° 1	25°29	24°16	9°45	0°57	8°12	27°31	26°48	18°31	6°16
S 4	0 49 0	10°19'33	2♁49	27°45	26°59	7°43	25°40	24°11	9°46	0°59	8°11	27°32	26°44	18°38	6°15
M 5	0 52 57	11°18'52	16°54	29°28	27°57	8°24	25°52	24° 6	9°46	1° 1	8°10	27°33	26°41	18°45	6°14
T 6	0 56 54	12°18'11	0♁48	1♁12	28°55	9° 6	26° 3	24° 2	9°47	1° 3	8° 9	27°R33	26°38	18°51	6°14
W 7	1 0 50	13°17'33	14°29	2°56	29°53	9°48	26°14	23°57	9°47	1° 6	8° 8	27°32	26°35	18°58	6°13
T 8	1 4 47	14°16'58	27°54	4°41	0♁50	10°30	26°26	23°52	9°48	1° 8	8° 7	27°31	26°32	19° 5	6°12
F 9	1 8 43	15°16'24	11♁ 0	6°25	1°46	11°12	26°37	23°48	9°48	1°10	8° 6	27°29	26°28	19°12	6°12
S 10	1 12 40	16°15'52	23°49	8°10	2°42	11°54	26°49	23°43	9°48	1°12	8° 5	27°26	26°25	19°18	6°11
S 11	1 16 36	17°15'23	6♁20	9°54	3°37	12°36	27° 1	23°38	9°49	1°14	8° 4	27°23	26°22	19°25	6°11
M12	1 20 33	18°14'56	18°36	11°38	4°32	13°18	27°13	23°34	9°49	1°17	8° 3	27°20	26°19	19°32	6°11
T 13	1 24 29	19°14'31	0♁40	13°22	5°27	14° 0	27°24	23°29	9°49	1°19	8° 2	27°18	26°16	19°38	6°11
W14	1 28 26	20°14'09	12°36	15° 5	6°20	14°42	27°36	23°24	9°49	1°21	8° 1	27°16	26°13	19°45	6°10
T 15	1 32 23	21°13'49	24°28	16°48	7°14	15°25	27°48	23°19	9°49	1°23	8° 0	27°D16	26° 9	19°52	6°10
F 16	1 36 19	22°13'31	6♁21	18°30	8° 6	16° 7	28° 0	23°14	9°R50	1°25	7°59	27°17	26° 6	19°59	6°D10
S 17	1 40 16	23°13'15	18°21	20°12	8°58	16°50	28°12	23°10	9°50	1°27	7°58	27°19	26° 3	20° 5	6°10
S 18	1 44 12	24°13'02	0♁30	21°53	9°49	17°32	28°25	23° 5	9°49	1°29	7°57	27°20	26° 0	20°12	6°11
M19	1 48 9	25°12'50	12°55	23°34	10°40	18°15	28°37	23° 0	9°49	1°31	7°56	27°22	25°57	20°19	6°11
T 20	1 52 5	26°12'41	25°37	25°14	11°30	18°57	28°49	22°55	9°49	1°33	7°55	27°R23	25°53	20°25	6°11
W21	1 56 2	27°12'34	8♁40	26°54	12°19	19°40	29° 2	22°50	9°49	1°36	7°54	27°22	25°50	20°32	6°11
T 22	1 59 58	28°12'29	22° 3	28°33	13° 7	20°23	29°14	22°46	9°49	1°38	7°52	27°20	25°47	20°39	6°12
F 23	2 3 55	29°12'26	5♁46	0♁12	13°55	21° 6	29°26	22°41	9°48	1°40	7°51	27°16	25°44	20°46	6°12
S 24	2 7 52	0♁12'25	19°45	1°50	14°42	21°49	29°39	22°36	9°48	1°42	7°50	27°12	25°41	20°52	6°13
S 25	2 11 48	1°12'26	3♁56	3°28	15°28	22°31	29°52	22°31	9°47	1°44	7°49	27° 6	25°38	20°59	6°13
M26	2 15 45	2°12'29	18°15	5° 5	16°12	23°15	0♁ 4	22°27	9°47	1°46	7°48	27° 1	25°34	21° 6	6°14
T 27	2 19 41	3°12'34	2♁36	6°42	16°56	23°58	0°17	22°22	9°46	1°48	7°47	26°57	25°31	21°12	6°15
W28	2 23 38	4°12'40	16°55	8°18	17°39	24°41	0°30	22°17	9°46	1°50	7°46	26°54	25°28	21°19	6°16
T 29	2 27 34	5°12'47	1♁ 9	9°53	18°21	25°24	0°42	22°13	9°45	1°52	7°45	26°D52	25°25	21°26	6°17
F 30	2 31 31	6°12'56	15°14	11°29	19° 2	26° 7	0°55	22° 8	9°44	1°53	7°44	26°53	25°22	21°32	6°17
S 31	2 35 27	7♁13'07	29♁12	13♁ 4	19♁42	26♁51	1♁ 8	22°Y 3	9♁44	1♁55	7♁42	26♁54	25♁19	21♁39	6♁18

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	2s56	26s48	4s52	4n39	1n55	22s 9	3s26	13s34	0s 9	18s27	0n39	6n53	2s48	23n27	0n19	0n56	1n24	1s 5	16s12	1s 0	1s14	26n59	11s56	7n 1
F 2	3 19	23 19	4 13	4 0	1 56	22 28	3 30	13 49	0 10	18 30	0 39	6 51	2 48	23 27	0 19	0 55	1 24	1 6	16 12	1 0	1 15	26 58	11 57	7 1
S 3	3 43	18 26	3 19	3 21	1 56	22 46	3 35	14 3	0 10	18 33	0 39	6 50	2 48	23 27	0 19	0 54	1 24	1 6	16 13	0 59	1 17	26 57	11 58	7 0
S 4	4 6	12 33	2 13	2 40	1 56	23 4	3 39	14 17	0 11	18 36	0 39	6 48	2 48	23 27	0 19	0 53	1 24	1 7	16 13	0 59	1 18	26 55	11 58	7 0
M 5	4 29	6 5	0 59	1 58	1 55	23 22	3 43	14 31	0 12	18 38	0 39	6 46	2 48	23 27	0 19	0 53	1 24	1 7	16 13	0 59	1 19	26 54	11 59	6 59
T 6	4 52	0n36	0n18	1 15	1 53	23 39	3 47	14 45	0 12	18 41	0 38	6 44	2 48	23 27	0 19	0 52	1 24	1 8	16 13	0 59	1 20	26 53	11 59	6 59
W 7	5 16	7 8	1 32	0 31	1 50	23 55	3 50	14 59	0 13	18 44	0 38	6 43	2 48	23 27	0 19	0 51	1 24	1 8	16 13	0 59	1 22	26 51	12 0	6 58
T 8	5 39	13 14	2 40	0s13	1 47	24 11	3 54	15 13	0 13	18 47	0 38	6 41	2 48	23 27	0 19	0 50	1 24	1 8	16 13	0 59	1 23	26 50	12 1	6 58
F 9	6 2	18 36	3 37	0 58	1 44	24 26	3 58	15 27	0 14	18 50	0 38	6 39	2 48	23 27	0 20	0 49	1 24	1 9	16 13	1 0	1 24	26 49	12 1	6 57
S 10	6 25	23 0	4 22	1 43	1 40	24 41	4 1	15 40	0 15	18 52	0 38	6 37	2 48	23 27	0 20	0 48	1 24	1 9	16 13	1 1	1 26	26 47	12 2	6 57
S 11	6 47	26 14	4 54	2 28	1 36	24 56	4 5	15 54	0 15	18 55	0 38	6 35	2 48	23 27	0 20	0 47	1 24	1 10	16 14	1 3	1 27	26 46	12 2	6 56
M12	7 10	28 10	5 11	3 13	1 31	25 10	4 8	16 7	0 16	18 58	0 38	6 34	2 48	23 27	0 20	0 47	1 24	1 10	16 14	1 4	1 28	26 45	12 3	6 56
T 13	7 33	28 43	5 14	3 58	1 26	25 23	4 12	16 20	0 17	19 1	0 37	6 32	2 48	23 27	0 20	0 46	1 24	1 10	16 14	1 5	1 29	26 43	12 3	6 55
W14	7 55	27 56	5 3	4 43	1 21	25 36	4 15	16 34	0 17	19 4	0 37	6 30	2 48	23 27	0 20	0 45	1 24	1 11	16 14	1 5	1 31	26 42	12 4	6 55
T 15	8 18	25 52	4 40	5 27	1 15	25 48	4 18	16 47	0 18	19 7	0 37	6 28	2 48	23 27	0 20	0 44	1 24	1 11	16 14	1 5	1 32	26 41	12 5	6 54
F 16	8 40	22 40	4 4	6 12	1 10	25 59	4 21	16 59	0 18	19 10	0 37	6 27	2 48	23 27	0 20	0 43	1 24	1 12	16 14	1 5	1 33	26 39	12 5	6 54
S 17	9 3	18 30	3 18	6 56	1 4	26 11	4 23	17 12	0 19	19 12	0 37	6 25	2 48	23 27	0 20	0 42	1 24	1 12	16 14	1 4	1 34	26 38	12 5	6 53
S 18	9 25	13 32	2 22	7 39	0 58	26 21	4 26	17 25	0 20	19 15	0 37	6 23	2 48	23 27	0 20	0 42	1 24	1 12	16 14	1 4	1 36	26 37	12 6	6 53
M19	9 47	7 56	1 18	8 22	0 51	26 31	4 28	17 37	0 20	19 18	0 37	6 21	2 48	23 27	0 20	0 41	1 24	1 13	16 14	1 3	1 37	26 35	12 6	6 52
T 20	10 8	1 53	0 10	9 5	0 45	26 41	4 31	17 50	0 21	19 21	0 36	6 20	2 48	23 27	0 20	0 40	1 24	1 13	16 14	1 3	1 38	26 34	12 7	6 52
W21	10 30	4s23	1s 1	9 47	0 39	26 50	4 33	18 2	0 21	19 24	0 36	6 18	2 48	23 27	0 20	0 39	1 24	1 14	16 14	1 3	1 39	26 32	12 7	6 51
T 22	10 52	10 38	2 11	10 29	0 32	26 58	4 35	18 14	0 22	19 26	0 36	6 16	2 48	23 28	0 20	0 38	1 24	1 14	16 14	1 4	1 41	26 31	12 8	6 51
F 23	11 13	16 31	3 14	11 10	0 25	27 6	4 37	18 26	0 23	19 29	0 36	6 14	2 48	23 28	0 20	0 38	1 24	1 14	16 14	1 5	1 42	26 30	12 8	6 50
S 24	11 34	21 40	4 7	11 51	0 19	27 13	4 38	18 38	0 23	19 32	0 36	6 13	2 48	23 28	0 20	0 37	1 24	1 15	16 14	1 7	1 43	26 28	12 8	6 50
S 25	11 55	25 40	4 46	12 30	0 12	27 20	4 40	18 50	0 24	19 35	0 36	6 11	2 48	23 28	0 20	0 36	1 24	1 15	16 14	1 9	1 45	26 27	12 9	6 49
M26	12 16	28 4	5 7	13 10	0 5	27 26	4 41	19 1	0 24	19 38	0 36	6 9	2 48	23 28	0 20	0 35	1 24	1 15	16 14	1 11	1 46	26 25	12 9	6 49
T 27	12 37	28 37	5 9	13 48	0s 1	27 31	4 42	19 12	0 25	19 40	0 36	6 8	2 48	23 28	0 20	0 35	1 24	1 16	16 14	1 13	1 47	26 24	12 9	6 48
W28	12 57	27 15	4 52	14 26	0 8	27 36	4 43	19 24	0 26	19 43	0 35	6 6	2 48	23 28	0 20	0 34	1 24	1 16	16 14	1 14	1 48	26 22	12 10	6 48
T 29	13 17	24 8	4 17	15 3	0 15	27 41	4 43	19 35	0 26	19 46	0 35	6 4	2 48	23 28	0 20	0 33								

SWISS EPHEMERIS for the year 1615

NOVEMBER 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
S 1	2 39 24	8♄13'19	12♋59	14♄38	20♌20	27♄34	1♌21	21°R59	9°R43	1♄57	7°R41	26♋55	25♋15	21♄46	6♌20
M 2	2 43 21	9°13'32	26°37	16°12	20°58	28°17	1°34	21°Y54	9♄42	1°59	7♄40	26°R56	25°12	21°53	6°21
T 3	2 47 17	10°13'47	10°Y 4	17°46	21°34	29° 1	1°47	21°50	9°41	2° 1	7°39	26°55	25° 9	21°59	6°22
W 4	2 51 14	11°14'04	23°21	19°19	22° 8	29°44	2° 0	21°46	9°40	2° 3	7°38	26°52	25° 6	22° 6	6°23
T 5	2 55 10	12°14'22	6♌25	20°52	22°42	0♌28	2°13	21°41	9°39	2° 5	7°37	26°47	25° 3	22°13	6°25
F 6	2 59 7	13°14'42	19°17	22°25	23°14	1°12	2°26	21°37	9°38	2° 6	7°36	26°40	24°59	22°19	6°26
S 7	3 3 3	14°15'04	1♄55	23°58	23°44	1°55	2°39	21°33	9°37	2° 8	7°35	26°31	24°56	22°26	6°27
S 8	3 7 0	15°15'28	14°20	25°30	24°13	2°39	2°52	21°28	9°36	2°10	7°33	26°22	24°53	22°33	6°29
M 9	3 10 56	16°15'53	26°33	27° 1	24°40	3°23	3° 5	21°24	9°35	2°12	7°32	26°13	24°50	22°40	6°31
T 10	3 14 53	17°16'20	8♄35	28°33	25° 5	4° 7	3°19	21°20	9°33	2°13	7°31	26° 5	24°47	22°46	6°32
W 11	3 18 50	18°16'49	20°29	0♌4	25°29	4°51	3°32	21°16	9°32	2°15	7°30	25°58	24°44	22°53	6°34
T 12	3 22 46	19°17'20	2♄20	1°35	25°51	5°35	3°45	21°12	9°31	2°17	7°29	25°54	24°40	23° 0	6°36
F 13	3 26 43	20°17'53	14°11	3° 6	26°11	6°19	3°58	21° 8	9°29	2°18	7°28	25°53	24°37	23° 6	6°38
S 14	3 30 39	21°18'27	26° 8	4°36	26°29	7° 3	4°12	21° 5	9°28	2°20	7°27	25°D52	24°34	23°13	6°40
S 15	3 34 36	22°19'03	8♄15	6° 6	26°45	7°47	4°25	21° 1	9°26	2°22	7°26	25°53	24°31	23°20	6°42
M 16	3 38 32	23°19'41	20°39	7°36	26°59	8°32	4°38	20°57	9°25	2°23	7°25	25°R54	24°28	23°27	6°44
T 17	3 42 29	24°20'21	3♄23	9° 5	27°11	9°16	4°52	20°53	9°23	2°25	7°24	25°54	24°25	23°33	6°46
W 18	3 46 25	25°21'02	16°32	10°34	27°21	10° 0	5° 5	20°50	9°22	2°26	7°22	25°52	24°21	23°40	6°48
T 19	3 50 22	26°21'45	0♄7	12° 3	27°29	10°45	5°19	20°46	9°20	2°28	7°21	25°47	24°18	23°47	6°50
F 20	3 54 19	27°22'29	14° 7	13°31	27°34	11°29	5°32	20°43	9°18	2°29	7°20	25°40	24°15	23°53	6°53
S 21	3 58 15	28°23'15	28°30	14°58	27°37	12°14	5°46	20°40	9°16	2°31	7°19	25°31	24°12	24° 0	6°55
S 22	4 2 12	29°24'03	13♌9	16°25	27°R38	12°58	5°59	20°37	9°15	2°32	7°18	25°21	24° 9	24° 7	6°57
M 23	4 6 8	0♌24'51	27°57	17°52	27°36	13°43	6°13	20°33	9°13	2°34	7°17	25°10	24° 5	24°13	7° 0
T 24	4 10 5	1°25'41	12♌45	19°17	27°32	14°28	6°26	20°30	9°11	2°35	7°16	25° 1	24° 2	24°20	7° 2
W 25	4 14 1	2°26'31	27°26	20°42	27°25	15°13	6°40	20°28	9° 9	2°36	7°15	24°54	23°59	24°27	7° 5
T 26	4 17 58	3°27'23	11♌52	22° 6	27°16	15°57	6°53	20°25	9° 7	2°38	7°14	24°50	23°56	24°34	7° 8
F 27	4 21 55	4°28'15	26° 2	23°28	27° 4	16°42	7° 7	20°22	9° 5	2°39	7°13	24°48	23°53	24°40	7°10
S 28	4 25 51	5°29'08	9♌55	24°50	26°50	17°27	7°20	20°19	9° 3	2°40	7°12	24°D48	23°50	24°47	7°13
S 29	4 29 48	6°30'02	23°30	26° 9	26°33	18°12	7°34	20°17	9° 1	2°41	7°11	24°R48	23°46	24°54	7°16
M 30	4 33 44	7♌30'57	6°Y50	27♌27	26♌14	18♌57	7♌47	20°Y14	8♄59	2♄42	7♄10	24♌48	23♌43	25♄0	7♌19

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	14s17	7s51	1s15	16s49	0s35	27s51	4s44	20s 7	0s28	19s54	0n35	6n 0	2s47	23n28	0n20	0n31	1n25	1s17	16s14	1s14	1s53	26n16	12s11	6n46
M 2	14 36	1 23	0 2	17 23	0 41	27 54	4 43	20 17	0 28	19 57	0 35	5 58	2 47	23 28	0 20	0 30	1 25	1 18	16 14	1 13	1 55	26 15	12 11	6 45
T 3	14 55	5n 5	1n11	17 56	0 47	27 55	4 43	20 27	0 29	20 0	0 35	5 56	2 47	23 28	0 20	0 29	1 25	1 18	16 14	1 14	1 56	26 13	12 11	6 45
W 4	15 14	11 13	2 18	18 28	0 54	27 57	4 42	20 37	0 30	20 2	0 35	5 55	2 47	23 28	0 20	0 29	1 25	1 18	16 14	1 15	1 57	26 12	12 11	6 44
T 5	15 33	16 47	3 17	18 59	1 0	27 57	4 40	20 47	0 30	20 5	0 35	5 53	2 47	23 29	0 20	0 28	1 25	1 19	16 14	1 17	1 58	26 10	12 11	6 44
F 6	15 51	21 30	4 4	19 29	1 6	27 58	4 39	20 57	0 31	20 8	0 34	5 52	2 47	23 29	0 20	0 27	1 25	1 19	16 14	1 20	2 06	26 9	12 11	6 43
S 7	16 9	25 8	4 39	19 58	1 12	27 57	4 37	21 6	0 31	20 10	0 34	5 50	2 47	23 29	0 20	0 27	1 25	1 19	16 14	1 23	2 1	26 7	12 11	6 43
S 8	16 27	27 32	5 0	20 26	1 18	27 56	4 35	21 15	0 32	20 13	0 34	5 49	2 47	23 29	0 20	0 26	1 25	1 19	16 14	1 27	2 2	26 6	12 12	6 42
M 9	16 44	28 33	5 6	20 54	1 24	27 55	4 32	21 24	0 32	20 16	0 34	5 48	2 46	23 29	0 20	0 25	1 25	1 20	16 14	1 31	2 3	26 4	12 12	6 42
T 10	17 2 28	11 4	4 59	21 20	1 29	27 53	4 29	21 33	0 33	20 18	0 34	5 46	2 46	23 29	0 20	0 25	1 25	1 20	16 14	1 34	2 5	26 3	12 12	6 41
W 11	17 19	26 31	4 39	21 45	1 35	27 51	4 26	21 42	0 33	20 21	0 34	5 45	2 46	23 29	0 20	0 24	1 25	1 20	16 14	1 36	2 6	26 1	12 12	6 41
T 12	17 35	23 41	4 7	22 9	1 40	27 48	4 22	21 50	0 34	20 24	0 34	5 44	2 46	23 29	0 20	0 23	1 25	1 21	16 14	1 38	2 7	26 0	12 12	6 41
F 13	17 52	19 52	3 24	22 32	1 45	27 44	4 18	21 59	0 35	20 26	0 34	5 42	2 46	23 29	0 20	0 23	1 25	1 21	16 14	1 39	2 8	25 58	12 12	6 40
S 14	18 8	15 14	2 33	22 54	1 50	27 40	4 14	22 7	0 35	20 29	0 34	5 41	2 46	23 30	0 20	0 22	1 25	1 21	16 14	1 39	2 10	25 56	12 12	6 40
S 15	18 23	9 56	1 33	23 15	1 54	27 36	4 9	22 15	0 36	20 31	0 34	5 40	2 45	23 30	0 20	0 21	1 25	1 21	16 13	1 38	2 11	25 55	12 12	6 39
M 16	18 39	4 9	0 28	23 34	1 59	27 31	4 4	22 22	0 36	20 34	0 33	5 39	2 45	23 30	0 20	0 21	1 25	1 21	16 13	1 38	2 12	25 53	12 12	6 39
T 17	18 54	1s57	0s40	23 53	2 3	27 25	3 58	22 30	0 37	20 36	0 33	5 37	2 45	23 30	0 21	0 20	1 25	1 22	16 13	1 38	2 14	25 52	12 12	6 38
W 18	19 9	8 10	1 48	24 10	2 6	27 19	3 52	22 37	0 37	20 39	0 33	5 36	2 45	23 30	0 21	0 20	1 25	1 22	16 13	1 39	2 15	25 50	12 11	6 38
T 19	19 23	14 13	2 52	24 26	2 10	27 13	3 45	22 44	0 38	20 41	0 33	5 35	2 45	23 30	0 21	0 19	1 25	1 22	16 13	1 41	2 16	25 48	12 11	6 37
F 20	19 37	19 44	3 47	24 40	2 13	27 6	3 37	22 50	0 38	20 44	0 33	5 34	2 44	23 30	0 21	0 19	1 25	1 22	16 13	1 43	2 17	25 47	12 11	6 37
S 21	19 51	24 15	4 30	24 54	2 16	26 58	3 30	22 57	0 39	20 46	0 33	5 33	2 44	23 31	0 21	0 18	1 25	1 22	16 13	1 47	2 19	25 45	12 11	6 36
S 22	20 4 27	19 4 56	25 6	2 18	26 50	3 21	23 3	0 39	20 49	0 33	5 32	2 44	23 31	0 21	0 18	1 25	1 23	16 13	1 51	2 20	25 44	12 11	6 36	
M 23	20 17	28 31	5 2	25 16	2 21	26 41	3 13	23 9	0 40	20 51	0 33	5 31	2 44	23 31	0 21	0 17	1 26	1 23	16 12	1 55	2 21	25 42	12 11	6 36
T 24	20 30	27 40	4 48	25 25	2 22	26 31	3 3	23 15	0 40	20 54	0 33	5 30	2 44	23 31	0 21	0 17	1 26	1 23	16 12	1 59	2 22	25 40	12 10	6 35
W 25	20 42	24 54	4 16	25 33	2 24	26 21	2 53	23 21	0 41	20 56	0 33	5 29	2 43	23 31	0 21	0 16	1 26	1 23	16 12	2 2	2 24	25 39	12 10	6 35
T 26	20 53	20 35	3 27	25 39	2 24	26 11	2 43	23 26	0 41	20 58	0 32	5 28	2 43	23 31	0 21	0 16	1 26	1 23	16 12	2 3	2 25	25 37	12 10	6 34
F 27	21 5 15	10 2 26	25 44	2 25	25 59	2 32	23 31	0 42	21 1	0 32	5 28	2 43	23 31	0 21	0 15	1 26	1 23	16 12	2 4	2 26	25 35	12 10	6 34	
S 28	21 16 9	4 1 18	25 48	2 24	25 48	2 20	23 36	0 42	21 3	0 32	5 27	2 43	23 32	0 21	0 15	1 26	1 24	16 12	2 4	2 27	25 34	12 9	6 33	
S 29	21 27 2 41	0 7 25	49 2 23	25 35	2 8	23 41	0 43	21 5	0 32	5 26	2 42	23 32	0 21	0 14	1 26	1 24	16 11	2 4	2 29	25 32	12 9	6 33		
M 30	21s37	3n41	1n 3	25s50	2s																			

SWISS EPHEMERIS for the year 1615

DECEMBER 1615 GC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	4 37 41	8°31'52	19°56	28°43	25°R53	19°42	8°1	20°R12	8°R57	2°44	7°R 9	24°R45	23°40	25°7	7°22
W 2	4 41 37	9°32'48	2°50	29°57	25°R29	20°27	8°14	20°Y 9	8°55	2°45	7°R 8	24°R40	23°37	25°14	7°25
T 3	4 45 34	10°33'45	15°34	1°30	25° 4	21°13	8°28	20° 7	8°53	2°46	7° 7	24°32	23°34	25°20	7°28
F 4	4 49 30	11°34'43	28° 7	2°15	24°36	21°58	8°42	20° 5	8°50	2°47	7° 7	24°21	23°31	25°27	7°31
S 5	4 53 27	12°35'42	10°II31	3°19	24° 7	22°43	8°55	20° 3	8°48	2°48	7° 6	24° 7	23°27	25°34	7°34
S 6	4 57 24	13°36'41	22°45	4°19	23°35	23°28	9° 9	20° 1	8°46	2°49	7° 5	23°53	23°24	25°41	7°37
M 7	5 1 20	14°37'42	4°51	5°13	23° 3	24°14	9°22	20° 0	8°44	2°50	7° 4	23°38	23°21	25°47	7°40
T 8	5 5 17	15°38'43	16°49	6° 3	22°29	24°59	9°36	19°58	8°41	2°51	7° 3	23°26	23°18	25°54	7°44
W 9	5 9 13	16°39'46	28°41	6°46	21°54	25°45	9°49	19°56	8°39	2°52	7° 2	23°15	23°15	26° 1	7°47
T 10	5 13 10	17°40'49	10°II30	7°22	21°19	26°30	10° 3	19°55	8°37	2°53	7° 1	23° 7	23°11	26° 7	7°50
F 11	5 17 6	18°41'53	22°19	7°50	20°42	27°16	10°16	19°54	8°34	2°54	7° 1	23° 2	23° 8	26°14	7°54
S 12	5 21 3	19°42'58	4°II14	8° 9	20° 6	28° 1	10°30	19°52	8°32	2°54	7° 0	23° 0	23° 5	26°21	7°57
S 13	5 24 59	20°44'03	16°17	8°R18	19°29	28°47	10°43	19°51	8°29	2°55	6°59	22°59	23° 2	26°28	8° 1
M14	5 28 56	21°45'10	28°36	8°16	18°53	29°33	10°57	19°50	8°27	2°56	6°58	22°59	22°59	26°34	8° 4
T 15	5 32 53	22°46'17	11°II16	8° 4	18°17	0°II19	11°10	19°49	8°25	2°57	6°58	22°58	22°56	26°41	8° 8
W16	5 36 49	23°47'26	24°21	7°40	17°42	1° 4	11°24	19°48	8°22	2°57	6°57	22°56	22°52	26°48	8°11
T 17	5 40 46	24°48'34	7°II55	7° 4	17° 8	1°50	11°37	19°48	8°20	2°58	6°56	22°51	22°49	26°54	8°15
F 18	5 44 42	25°49'44	21°59	6°17	16°35	2°36	11°50	19°47	8°17	2°59	6°55	22°43	22°46	27° 1	8°19
S 19	5 48 39	26°50'54	6°II31	5°19	16° 3	3°22	12° 4	19°47	8°15	2°59	6°55	22°33	22°43	27° 8	8°22
S 20	5 52 35	27°52'05	21°26	4°12	15°33	4° 8	12°17	19°46	8°12	3° 0	6°54	22°21	22°40	27°14	8°26
M21	5 56 32	28°53'17	6°II34	2°57	15° 5	4°54	12°30	19°46	8° 9	3° 0	6°53	22° 9	22°37	27°21	8°30
T 22	6 0 28	29°54'28	21°46	1°38	14°39	5°40	12°44	19°46	8° 7	3° 1	6°53	21°58	22°33	27°28	8°34
W23	6 4 25	0°II55'40	6°II50	0°16	14°15	6°26	12°57	19°D46	8° 4	3° 1	6°52	21°50	22°30	27°35	8°38
T 24	6 8 22	1°56'51	21°38	28°II54	13°53	7°12	13°10	19°46	8° 2	3° 2	6°52	21°44	22°27	27°41	8°42
F 25	6 12 18	2°58'02	6°II 3	27°35	13°33	7°59	13°23	19°46	7°59	3° 2	6°51	21°42	22°24	27°48	8°46
S 26	6 16 15	3°59'13	20° 5	26°22	13°15	8°45	13°37	19°46	7°57	3° 2	6°50	21°D41	22°21	27°55	8°50
S 27	6 20 11	5° 0'24	3°II42	25°16	13° 0	9°31	13°50	19°47	7°54	3° 3	6°50	21°R41	22°17	28° 1	8°54
M28	6 24 8	6° 1'35	16°58	24°19	12°47	10°17	14° 3	19°47	7°51	3° 3	6°49	21°41	22°14	28° 8	8°58
T 29	6 28 4	7° 2'45	29°54	23°31	12°37	11° 4	14°16	19°48	7°49	3° 3	6°49	21°38	22°11	28°15	9° 2
W30	6 32 1	8° 3'55	12°II35	22°54	12°29	11°50	14°29	19°49	7°46	3° 3	6°48	21°34	22° 8	28°21	9° 6
T 31	6 35 57	9° 5'05	25°II 4	22°II27	12°II24	12°II36	14°II42	19°II49	7°II44	3°II 4	6°II48	21°II26	22°II 5	28°II28	9°II10

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s46	9n48	2n 9	25s49	2s20	25s 8	1s43	23s49	0s44	21s10	0n32	5n25	2s42	23n32	0n21
W 2	21 56	15 24	3 7	25 46	2 17	24 54	1 29	23 53	0 44	21 12	0 32	5 24	2 42	23 32	0 21
T 3	22 5 20	16 3	5 4	25 42	2 13	24 39	1 15	23 56	0 45	21 14	0 32	5 23	2 41	23 32	0 21
F 4	22 13 24	9 4	2 9	25 37	2 8	24 24	1 1	24 0	0 45	21 17	0 32	5 23	2 41	23 33	0 21
S 5	22 21 26	53 4	5 21	25 30	2 3	24 8	0 47	24 3	0 46	21 19	0 32	5 22	2 41	23 33	0 21
S 6	22 29 28	17 5	0 25	25 21	1 56	23 52	0 32	24 6	0 46	21 21	0 32	5 22	2 41	23 33	0 21
M 7	22 36 28	18 4	5 4	25 12	1 49	23 35	0 16	24 8	0 46	21 23	0 32	5 21	2 40	23 33	0 21
T 8	22 43 26	59 4	3 6	25 1	1 40	23 18	0 1	24 11	0 47	21 25	0 32	5 21	2 40	23 33	0 21
W 9	22 49 24	28 4	5 24	49 0	1 30	23 0	0n15	24 13	0 47	21 27	0 31	5 21	2 40	23 33	0 21
T 10	22 55 20	55 3	2 4	24 36	1 19	22 42	0 30	24 14	0 48	21 29	0 31	5 20	2 40	23 34	0 21
F 11	23 1 16	32 2	3 4	24 22	1 7	22 24	0 46	24 16	0 48	21 31	0 31	5 20	2 39	23 34	0 21
S 12	23 6 11	30 1	3 7	24 7	0 53	22 6	1 1	24 17	0 49	21 33	0 31	5 20	2 39	23 34	0 21
S 13	23 10 5	58 0	3 5	23 52	0 38	21 48	1 17	24 18	0 49	21 35	0 31	5 20	2 39	23 34	0 21
M14	23 14 0	6 0	6s30	23 35	0 22	21 30	1 32	24 19	0 50	21 37	0 31	5 20	2 38	23 34	0 21
T 15	23 18 5	5s55	1 35	23 19	0 4	21 12	1 47	24 19	0 50	21 39	0 31	5 20	2 38	23 34	0 21
W16	23 21 11	54 2	3 8	23 2	0n14	20 54	2 2	24 20	0 50	21 41	0 31	5 20	2 38	23 35	0 21
T 17	23 23 17	32 3	3 3	22 44	0 34	20 36	2 16	24 19	0 51	21 43	0 31	5 19	2 38	23 35	0 21
F 18	23 26 22	28 4	1 9	22 27	0 54	20 19	2 30	24 19	0 51	21 45	0 31	5 20	2 37	23 35	0 21
S 19	23 27 26	11 4	4 9	22 10	1 14	20 2	2 44	24 18	0 52	21 47	0 31	5 20	2 37	23 35	0 21
S 20	23 28 28	12 5	0 21	52 1	3 3	19 46	2 57	24 18	0 52	21 48	0 31	5 20	2 37	23 35	0 21
M21	23 29 28	10 4	5 1	21 36	1 52	19 31	3 10	24 16	0 52	21 50	0 31	5 20	2 36	23 35	0 21
T 22	23 29 26	1 4	2 1	21 19	2 10	19 16	3 22	24 15	0 53	21 52	0 31	5 20	2 36	23 36	0 21
W23	23 29 22	3 3	3 3	21 4	2 25	19 2	3 33	24 13	0 53	21 54	0 31	5 20	2 36	23 36	0 21
T 24	23 29 16	43 2	3 2	20 50	2 39	18 49	3 44	24 11	0 53	21 56	0 30	5 21	2 36	23 36	0 21
F 25	23 27 10	34 1	2 2	20 37	2 51	18 36	3 54	24 9	0 54	21 57	0 30	5 21	2 35	23 36	0 21
S 26	23 26 4	4 0	8 20	27 3	0 18	25 4	3 24	6 0	54	21 59	0 30	5 21	2 35	23 36	0 21
S 27	23 24 2n27	1n 3	20 18	3 6	18 14	4 12	24 3	0 55	22 0	0 30	5 22	2 35	23 36	0 21	
M28	23 21 8	40 2	10 20	12 3	11 18	4 4	21 24	0 55	22 2	0 30	5 22	2 34	23 37	0 21	
T 29	23 18 14	23 3	8 20	8 3	13 17	55 4	28 23	57 0	55	22 4	0 30	5 23	2 34	23 37	0 21
W30	23 15 19	23 3	5 5	20 6	3 12	17 47	4 36	23 53	0 56	22 5	0 30	5 23	2 34	23 37	0 21
T 31	23s11	23n26	4n30	20s 6	3n11	17s40	4n42	23s49	0s56	22s 7	0n30	5n24	2s34	23n37	0n21

Julian Day Number = 2311260.5, Delta T = 121.09 sec
 Ecliptic obliquity = 23°29'30, Nutation = 0°00'01
 Ayanamsha: Fagan/Bradley = 19°22'47, Lahiri = 18°29'47Greg. Calendar