

SWISS EPHEMERIS for the year 1700

JANUARY 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
F 1	6 42 28	10°34'25.4	10♁ 0	29♁59	22♁23	23♁33	10♁23	28♁45	8°R43	2♁49	10°R45	16°R17	17♁20	26♁37	1♁ 8
S 2	6 46 25	11°44'04	23°58	0♁51	23°39	24° 5	10°37	28°50	8♁41	2°50	10♁43	16♁11	17°17	26°43	1°10
S 3	6 50 21	12°45'13	8♁26	1°35	24°54	24°37	10°50	28°56	8°38	2°50	10°42	16° 3	17°14	26°50	1°11
M 4	6 54 18	13°46'21	23°20	2°11	26° 9	25° 8	11° 4	29° 2	8°35	2°51	10°41	15°53	17°11	26°57	1°13
T 5	6 58 14	14°47'30	8♁32	2°38	27°25	25°40	11°18	29° 8	8°33	2°52	10°40	15°43	17° 8	27° 3	1°14
W 6	7 2 11	15°48'38	23°51	2°55	28°40	26°11	11°32	29°14	8°30	2°53	10°38	15°35	17° 4	27°10	1°15
T 7	7 6 7	16°49'46	9♁ 6	3°R 1	29°55	26°42	11°46	29°20	8°28	2°53	10°37	15°28	17° 1	27°17	1°16
F 8	7 10 4	17°50'53	24° 8	2°56	1♁10	27°13	12° 0	29°26	8°25	2°54	10°36	15°23	16°58	27°24	1°17
S 9	7 14 1	18°52'01	8♁47	2°39	2°26	27°44	12°14	29°32	8°23	2°55	10°35	15°D21	16°55	27°30	1°18
S 10	7 17 57	19°53'08	23° 0	2°10	3°41	28°15	12°28	29°38	8°20	2°56	10°33	15°21	16°52	27°37	1°18
M11	7 21 54	20°54'15	6♁47	1°30	4°56	28°46	12°42	29°44	8°17	2°57	10°32	15°22	16°49	27°44	1°19
T 12	7 25 50	21°55'21	20° 7	0°39	6°11	29°16	12°56	29°50	8°15	2°58	10°31	15°R23	16°45	27°50	1°19
W13	7 29 47	22°56'28	3♁ 6	29♁39	7°26	29°47	13°10	29°57	8°12	2°59	10°29	15°23	16°42	27°57	1°20
T 14	7 33 43	23°57'34	15°45	28°31	8°42	0♁17	13°24	0♁ 3	8°10	3° 0	10°28	15°20	16°39	28° 4	1°20
F 15	7 37 40	24°58'40	28° 9	27°18	9°57	0°47	13°37	0° 9	8° 7	3° 1	10°27	15°15	16°36	28°10	1°R20
S 16	7 41 36	25°59'46	10♁22	26° 1	11°12	1°17	13°51	0°16	8° 5	3° 2	10°25	15° 8	16°33	28°17	1°20
S 17	7 45 33	27° 0'51	22°25	24°43	12°27	1°47	14° 5	0°22	8° 3	3° 3	10°24	14°59	16°29	28°24	1°20
M18	7 49 30	28° 1'55	4♁23	23°27	13°42	2°16	14°19	0°29	8° 0	3° 4	10°22	14°50	16°26	28°30	1°19
T 19	7 53 26	29° 2'59	16°16	22°15	14°57	2°46	14°33	0°35	7°58	3° 6	10°21	14°40	16°23	28°37	1°19
W20	7 57 23	0♁ 4'02	28° 7	21° 8	16°13	3°15	14°46	0°42	7°55	3° 7	10°20	14°32	16°20	28°44	1°18
T 21	8 1 19	1° 5'05	9♁56	20° 7	17°28	3°44	15° 0	0°49	7°53	3° 8	10°18	14°25	16°17	28°50	1°18
F 22	8 5 16	2° 6'06	21°46	19°15	18°43	4°13	15°14	0°55	7°51	3° 9	10°17	14°20	16°14	28°57	1°17
S 23	8 9 12	3° 7'07	3♁39	18°31	19°58	4°42	15°28	1° 2	7°48	3°11	10°16	14°17	16°10	29° 4	1°16
S 24	8 13 9	4° 8'06	15°38	17°56	21°13	5°11	15°41	1° 9	7°46	3°12	10°14	14°D16	16° 7	29°11	1°15
M25	8 17 5	5° 9'04	27°44	17°29	22°28	5°39	15°55	1°16	7°44	3°14	10°13	14°17	16° 4	29°17	1°14
T 26	8 21 2	6°10'01	10♁ 3	17°12	23°43	6° 7	16° 8	1°23	7°42	3°15	10°11	14°19	16° 1	29°24	1°13
W27	8 24 59	7°10'57	22°38	17° 3	24°58	6°35	16°22	1°29	7°40	3°16	10°10	14°20	15°58	29°31	1°11
T 28	8 28 55	8°11'51	5♁33	17°D 2	26°13	7° 3	16°35	1°36	7°37	3°18	10° 8	14°R21	15°55	29°37	1°10
F 29	8 32 52	9°12'44	18°53	17° 8	27°28	7°31	16°49	1°43	7°35	3°19	10° 7	14°21	15°51	29°44	1° 8
S 30	8 36 48	10°13'36	2♁39	17°21	28°43	7°58	17° 2	1°50	7°33	3°21	10° 6	14°19	15°48	29°51	1° 6
S 31	8 40 45	11°14'26	16♁53	17♁41	29♁57	8♁26	17♁16	1♁57	7♁31	3♁22	10♁ 4	14♁15	15♁45	29♁57	1♁ 4

Delta T = 7.45 sec.

Greg. Calendar

FEBRUARY 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
M 1	8 44 41	12°15'15	1♁32	18♁ 7	1♁12	8♁53	17♁29	2♁ 4	7°R29	3♁24	10°R 3	14°R11	15♁42	0♁ 4	1°R 3
T 2	8 48 38	13°16'03	16°33	18°38	2°27	9°20	17°42	2°11	7♁27	3°25	10♁ 1	14♁ 6	15°39	0°11	1♁ 0
W 3	8 52 34	14°16'49	1♁45	19°14	3°42	9°46	17°56	2°18	7°25	3°27	10° 0	14° 2	15°35	0°17	0°58
T 4	8 56 31	15°17'33	17° 1	19°55	4°57	10°13	18° 9	2°25	7°23	3°29	9°59	13°59	15°32	0°24	0°56
F 5	9 0 28	16°18'17	2♁ 8	20°40	6°11	10°39	18°22	2°32	7°22	3°30	9°57	13°57	15°29	0°31	0°54
S 6	9 4 24	17°18'58	16°59	21°29	7°26	11° 5	18°35	2°40	7°20	3°32	9°56	13°D57	15°26	0°37	0°51
S 7	9 8 21	18°19'39	1♁25	22°21	8°41	11°31	18°48	2°47	7°18	3°34	9°54	13°57	15°23	0°44	0°49
M 8	9 12 17	19°20'19	15°25	23°17	9°56	11°56	19° 1	2°54	7°16	3°36	9°53	13°59	15°20	0°51	0°46
T 9	9 16 14	20°20'57	28°58	24°15	11°10	12°22	19°14	3° 1	7°14	3°37	9°51	14° 0	15°16	0°57	0°43
W10	9 20 10	21°21'35	12♁ 4	25°16	12°25	12°47	19°27	3° 8	7°13	3°39	9°50	14° 1	15°13	1° 4	0°40
T 11	9 24 7	22°22'11	24°47	26°20	13°39	13°11	19°40	3°15	7°11	3°41	9°49	14°R 2	15°10	1°11	0°37
F 12	9 28 3	23°22'46	7♁11	27°26	14°54	13°36	19°53	3°23	7°10	3°43	9°47	14° 1	15° 7	1°18	0°34
S 13	9 32 0	24°23'19	19°21	28°34	16° 8	14° 0	20° 6	3°30	7° 8	3°44	9°46	13°59	15° 4	1°24	0°31
S 14	9 35 57	25°23'52	1♁20	29°45	17°23	14°24	20°18	3°37	7° 7	3°46	9°45	13°57	15° 1	1°31	0°28
M15	9 39 53	26°24'23	13°13	0♁57	18°37	14°48	20°31	3°44	7° 5	3°48	9°43	13°54	14°57	1°38	0°25
T 16	9 43 50	27°24'53	25° 3	2°11	19°52	15°11	20°44	3°52	7° 4	3°50	9°42	13°51	14°54	1°44	0°21
W17	9 47 46	28°25'21	6♁52	3°27	21° 6	15°34	20°56	3°59	7° 2	3°52	9°41	13°49	14°51	1°51	0°18
T 18	9 51 43	29°25'47	18°43	4°44	22°21	15°57	21° 9	4° 6	7° 1	3°54	9°39	13°47	14°48	1°58	0°14
F 19	9 55 39	0♁26'12	0♁38	6° 3	23°35	16°20	21°21	4°14	7° 0	3°56	9°38	13°46	14°45	2° 4	0°10
S 20	9 59 36	1°26'35	12°40	7°23	24°49	16°42	21°33	4°21	6°59	3°58	9°37	13°D45	14°41	2°11	0° 7
S 21	10 3 32	2°26'57	24°49	8°44	26° 4	17° 4	21°46	4°28	6°57	4° 0	9°35	13°45	14°38	2°18	0° 3
M22	10 7 29	3°27'16	7♁ 8	10° 7	27°18	17°25	21°58	4°35	6°56	4° 2	9°34	13°46	14°35	2°24	29♁59
T 23	10 11 26	4°27'34	19°39	11°31	28°32	17°46	22°10	4°43	6°55	4° 4	9°33	13°47	14°32	2°31	29°55
W24	10 15 22	5°27'50	2♁24	12°57	29°46	18° 7	22°22	4°50	6°54	4° 6	9°31	13°48	14°29	2°38	29°51
T 25	10 19 19	6°28'03	15°25	14°24	1♁ 0	18°27	22°34	4°57	6°53	4° 8	9°30	13°49	14°26	2°44	29°47
F 26	10 23 15	7°28'15	28°45	15°52	2°14	18°47	22°46	5° 5	6°52	4°10	9°29	13°49	14°22	2°51	29°43
S 27	10 27 12	8°28'25	12♁24	17°21	3°28	19° 7	22°58	5°12	6°51	4°12	9°28	13°R49	14°19	2°58	29°38
S 28	10 31 8	9♁28'32	26♁25	18♁51	4♁42	19♁26	23♁ 9	5♁19	6♁51	4♁14	9♁27	13♁49	14♁16	3♁ 4	29♁34

Delta T = 7.45 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1700

MARCH 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	10 35 5	10X28'38	10☾45	20☿22	5♃56	19♂45	23☾21	5X27	6°R50	4♃16	9°R25	13°R49	14♃13	3☿11	29°R30
T 2	10 39 1	11°28'41	25°23	21°55	7°10	20° 4	23°33	5°34	6☾49	4°18	9♁24	13♃48	14°10	3°18	29♃25
W 3	10 42 58	12°28'42	10♁14	23°28	8°24	20°22	23°44	5°41	6°48	4°21	9°23	13°48	14° 7	3°24	29°21
T 4	10 46 55	13°28'41	25°10	25° 3	9°38	20°40	23°55	5°48	6°48	4°23	9°22	13°D48	14° 3	3°31	29°17
F 5	10 50 51	14°28'38	10♃5	26°39	10°51	20°57	24° 7	5°56	6°47	4°25	9°21	13°R48	14° 0	3°38	29°12
S 6	10 54 48	15°28'32	24°49	28°16	12° 5	21°14	24°18	6° 3	6°47	4°27	9°20	13°48	13°57	3°44	29° 7
S 7	10 58 44	16°28'25	9☾16	29°54	13°19	21°31	24°29	6°10	6°46	4°29	9°19	13°48	13°54	3°51	29° 3
M 8	11 2 41	17°28'16	23°22	1X34	14°32	21°47	24°40	6°17	6°46	4°31	9°18	13°48	13°51	3°58	28°58
T 9	11 6 37	18°28'06	7♂ 2	3°14	15°46	22° 2	24°51	6°25	6°46	4°34	9°16	13°47	13°47	4° 5	28°54
W10	11 10 34	19°27'53	20°16	4°56	16°59	22°17	25° 2	6°32	6°45	4°36	9°15	13°46	13°44	4°11	28°49
T 11	11 14 30	20°27'39	3X 6	6°39	18°13	22°32	25°13	6°39	6°45	4°38	9°14	13°46	13°41	4°18	28°44
F 12	11 18 27	21°27'24	15°35	8°23	19°26	22°46	25°23	6°46	6°45	4°40	9°13	13°46	13°38	4°25	28°39
S 13	11 22 23	22°27'06	27°48	10° 8	20°40	23° 0	25°34	6°53	6°45	4°42	9°12	13°D46	13°35	4°31	28°35
S 14	11 26 20	23°26'47	9☾47	11°55	21°53	23°13	25°44	7° 0	6°45	4°45	9°11	13°46	13°32	4°38	28°30
M15	11 30 17	24°26'26	21°39	13°43	23° 6	23°25	25°55	7° 8	6°D45	4°47	9°11	13°47	13°28	4°45	28°25
T 16	11 34 13	25°26'03	3☿28	15°32	24°19	23°37	26° 5	7°15	6°45	4°49	9°10	13°48	13°25	4°51	28°20
W17	11 38 10	26°25'38	15°18	17°22	25°33	23°49	26°15	7°22	6°45	4°51	9° 9	13°49	13°22	4°58	28°15
T 18	11 42 6	27°25'12	27°12	19°14	26°46	24° 0	26°25	7°29	6°45	4°54	9° 8	13°50	13°19	5° 5	28°11
F 19	11 46 3	28°24'43	9X14	21° 7	27°59	24°10	26°35	7°36	6°45	4°56	9° 7	13°R51	13°16	5°11	28° 6
S 20	11 49 59	29°24'13	21°27	23° 1	29°12	24°20	26°45	7°43	6°45	4°58	9° 6	13°51	13°12	5°18	28° 1
S 21	11 53 56	0♃23'40	3♃51	24°56	0♁25	24°29	26°55	7°50	6°46	5° 0	9° 5	13°50	13° 9	5°25	27°56
M22	11 57 52	1°23'06	16°28	26°53	1°38	24°38	27° 4	7°57	6°46	5° 3	9° 5	13°48	13° 6	5°31	27°51
T 23	12 1 49	2°22'29	29°19	28°50	2°50	24°46	27°14	8° 3	6°46	5° 5	9° 4	13°45	13° 3	5°38	27°46
W24	12 5 46	3°21'50	12☾24	0♃49	4° 3	24°53	27°23	8°10	6°47	5° 7	9° 3	13°43	13° 0	5°45	27°42
T 25	12 9 42	4°21'09	25°42	2°49	5°16	25° 0	27°32	8°17	6°47	5°10	9° 2	13°40	12°57	5°51	27°37
F 26	12 13 39	5°20'26	9♁14	4°50	6°29	25° 6	27°41	8°24	6°48	5°12	9° 2	13°37	12°53	5°58	27°32
S 27	12 17 35	6°19'40	22°59	6°52	7°41	25°11	27°50	8°31	6°48	5°14	9° 1	13°36	12°50	6° 5	27°27
S 28	12 21 32	7°18'53	6☾56	8°55	8°54	25°16	27°59	8°38	6°49	5°16	9° 0	13°D35	12°47	6°11	27°23
M29	12 25 28	8°18'02	21° 4	10°58	10° 6	25°20	28° 8	8°44	6°50	5°19	9° 0	13°35	12°44	6°18	27°18
T 30	12 29 25	9°17'10	5♁22	13° 2	11°18	25°23	28°17	8°51	6°51	5°21	8°59	13°37	12°41	6°25	27°13
W31	12 33 21	10♃16'14	19♁48	15♃7	12☾31	25♂26	28☾25	8X57	6☾51	5♃23	8♁59	13♃38	12♃38	6☿31	27♃9

Delta T = 7.45 sec.

Greg. Calendar

APRIL 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	12 37 18	11♃15'17	4♃17	17♃11	13☾43	25♂28	28☾34	9X 4	6☾52	5♃25	8°R58	13♃39	12♃34	6☿38	27°R 4
F 2	12 41 15	12°14'17	18°46	19°15	14°55	25°29	28°42	9°11	6°53	5°28	8♁57	13°R39	12°31	6°45	26♃59
S 3	12 45 11	13°13'15	3☾ 9	21°19	16° 7	25°R29	28°50	9°17	6°54	5°30	8°57	13°38	12°28	6°51	26°55
S 4	12 49 8	14°12'11	17°21	23°21	17°19	25°29	28°58	9°24	6°55	5°32	8°57	13°35	12°25	6°58	26°50
M 5	12 53 4	15°11'05	1♂17	25°23	18°31	25°28	29° 6	9°30	6°56	5°34	8°56	13°31	12°22	7° 5	26°46
T 6	12 57 1	16° 9'57	14°53	27°24	19°43	25°27	29°13	9°36	6°58	5°37	8°56	13°26	12°18	7°11	26°42
W 7	13 0 57	17° 8'48	28° 8	29°22	20°55	25°24	29°21	9°43	6°59	5°39	8°55	13°21	12°15	7°18	26°37
T 8	13 4 54	18° 7'36	11X 0	1X18	22° 7	25°21	29°28	9°49	7° 0	5°41	8°55	13°16	12°12	7°25	26°33
F 9	13 8 50	19° 6'23	23°32	3°12	23°18	25°17	29°36	9°55	7° 1	5°43	8°55	13°12	12° 9	7°31	26°29
S 10	13 12 47	20° 5'08	5☾47	5° 3	24°30	25°12	29°43	10° 1	7° 3	5°46	8°54	13° 9	12° 6	7°38	26°25
S 11	13 16 44	21° 3'51	17°49	6°51	25°41	25° 7	29°50	10° 8	7° 4	5°48	8°54	13°D 8	12° 3	7°45	26°21
M12	13 20 40	22° 2'33	29°42	8°35	26°53	25° 1	29°56	10°14	7° 5	5°50	8°54	13° 8	11°59	7°51	26°16
T 13	13 24 37	23° 1'12	11☿31	10°16	28° 4	24°54	0☿ 3	10°20	7° 7	5°52	8°53	13° 9	11°56	7°58	26°13
W14	13 28 33	23°59'50	23°22	11°53	29°15	24°46	0°10	10°26	7° 9	5°54	8°53	13°11	11°53	8° 5	26° 9
T 15	13 32 30	24°58'27	5X19	13°25	0♁26	24°37	0°16	10°32	7°10	5°57	8°53	13°12	11°50	8°11	26° 5
F 16	13 36 26	25°57'01	17°27	14°53	1°38	24°28	0°22	10°37	7°12	5°59	8°53	13°R12	11°47	8°18	26° 1
S 17	13 40 23	26°55'34	29°49	16°17	2°49	24°18	0°28	10°43	7°13	6° 1	8°53	13°11	11°43	8°25	25°57
S 18	13 44 19	27°54'05	12♃28	17°36	4° 0	24° 7	0°34	10°49	7°15	6° 3	8°53	13° 7	11°40	8°31	25°54
M19	13 48 16	28°52'34	25°24	18°50	5°10	23°55	0°40	10°55	7°17	6° 5	8°53	13° 2	11°37	8°38	25°50
T 20	13 52 12	29°51'01	8X38	19°59	6°21	23°43	0°45	11° 0	7°19	6° 7	8°53	12°55	11°34	8°45	25°47
W21	13 56 9	0X49'27	22° 8	21° 3	7°32	23°30	0°51	11° 6	7°21	6° 9	8°D53	12°47	11°31	8°51	25°43
T 22	14 0 6	1°47'50	5♁51	22° 2	8°42	23°16	0°56	11°12	7°23	6°12	8°53	12°39	11°28	8°58	25°40
F 23	14 4 2	2°46'12	19°45	22°56	9°53	23° 2	1° 1	11°17	7°24	6°14	8°53	12°32	11°24	9° 5	25°37
S 24	14 7 59	3°44'31	3☾46	23°44	11° 3	22°47	1° 6	11°22	7°26	6°16	8°53	12°26	11°21	9°11	25°34
S 25	14 11 55	4°42'49	17°52	24°28	12°14	22°31	1°11	11°28	7°29	6°18	8°53	12°23	11°18	9°18	25°31
M26	14 15 52	5°41'04	2♁ 1	25° 6	13°24	22°15	1°15	11°33	7°31	6°20	8°53	12°D22	11°15	9°25	25°28
T 27	14 19 48	6°39'17	16°10	25°38	14°34	21°58	1°20	11°38	7°33	6°22	8°53	12°22	11°12	9°31	25°25
W28	14 23 45	7°37'28	0♃18	26° 5	15°44	21°40	1°24	11°43	7°35	6°24	8°53	12°23	11° 9	9°38	25°22
T 29	14 27 41	8°35'37	14°24	26°26	16°54	21°22	1°28	11°49	7°37	6°26	8°54	12°R23	11° 5	9°45	25°20
F 30	14 31 38	9X33'44	28♃26	26☾43	18♁ 3	21♂ 4	1☿32	11X54	7☾39	6♃28	8♁54	12♃22	11♃ 2	9☿51	25♃17

Delta T = 7.45 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1700

MAY 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
S 1	14 35 35	10♁31'50	12♂23	26♁53	19♂13	20°R45	1♁36	11♁58	7♁42	6♁30	8♁54	12°R19	10♁59	9♁58	25°R15
S 2	14 39 31	11°29'53	26°10	26°59	20°23	20♂26	1°39	12° 3	7°44	6°32	8°54	12♁13	10°56	10° 5	25♁12
M 3	14 43 28	12°27'54	9♂46	26°R59	21°32	20° 6	1°43	12° 8	7°46	6°34	8°55	12° 5	10°53	10°11	25°10
T 4	14 47 24	13°25'54	23° 7	26°54	22°41	19°46	1°46	12°13	7°49	6°36	8°55	11°55	10°49	10°18	25° 8
W 5	14 51 21	14°23'53	6♁11	26°45	23°51	19°25	1°49	12°18	7°51	6°37	8°55	11°44	10°46	10°25	25° 6
T 6	14 55 17	15°21'50	18°58	26°31	25° 0	19° 5	1°52	12°22	7°54	6°39	8°56	11°33	10°43	10°31	25° 4
F 7	14 59 14	16°19'45	1♁27	26°12	26° 9	18°44	1°54	12°27	7°56	6°41	8°56	11°24	10°40	10°38	25° 2
S 8	15 3 10	17°17'40	13°40	25°50	27°17	18°22	1°57	12°31	7°59	6°43	8°57	11°17	10°37	10°45	25° 1
S 9	15 7 7	18°15'32	25°41	25°24	28°26	18° 1	1°59	12°35	8° 1	6°45	8°57	11°12	10°34	10°51	24°59
M10	15 11 4	19°13'24	7♁34	24°56	29°35	17°40	2° 1	12°40	8° 4	6°47	8°58	11°10	10°30	10°58	24°57
T 11	15 15 0	20°11'14	19°23	24°25	0♁43	17°18	2° 3	12°44	8° 7	6°48	8°58	11°D 9	10°27	11° 5	24°56
W12	15 18 57	21° 9'03	1♁15	23°52	1°51	16°56	2° 5	12°48	8° 9	6°50	8°59	11°10	10°24	11°11	24°55
T 13	15 22 53	22° 6'51	13°13	23°18	3° 0	16°35	2° 6	12°52	8°12	6°52	8°59	11°R10	10°21	11°18	24°54
F 14	15 26 50	23° 4'38	25°24	22°43	4° 8	16°13	2° 7	12°56	8°15	6°54	9° 0	11° 9	10°18	11°25	24°53
S 15	15 30 46	24° 2'23	7♁52	22° 8	5°15	15°52	2° 9	13° 0	8°18	6°55	9° 0	11° 6	10°15	11°31	24°52
S 16	15 34 43	25° 0'08	20°40	21°33	6°23	15°31	2° 9	13° 4	8°21	6°57	9° 1	11° 1	10°11	11°38	24°51
M17	15 38 39	25°57'51	3♁50	21° 0	7°31	15°10	2°10	13° 8	8°24	6°59	9° 2	10°53	10° 8	11°45	24°50
T 18	15 42 36	26°55'33	17°23	20°28	8°38	14°49	2°11	13°11	8°26	7° 0	9° 3	10°43	10° 5	11°51	24°49
W19	15 46 33	27°53'14	1♂17	19°59	9°46	14°28	2°11	13°15	8°29	7° 2	9° 3	10°32	10° 2	11°58	24°49
T 20	15 50 29	28°50'53	15°27	19°32	10°53	14° 8	2°R11	13°18	8°32	7° 3	9° 4	10°20	9°59	12° 5	24°49
F 21	15 54 26	29°48'31	29°47	19° 9	12° 0	13°48	2°11	13°22	8°35	7° 5	9° 5	10°10	9°55	12°11	24°48
S 22	15 58 22	0♂46'08	14♁13	18°49	13° 7	13°29	2°11	13°25	8°38	7° 7	9° 6	10° 2	9°52	12°18	24°48
S 23	16 2 19	1°43'44	28°37	18°32	14°13	13°10	2°11	13°28	8°41	7° 8	9° 6	9°56	9°49	12°25	24°D48
M24	16 6 15	2°41'18	12♂57	18°20	15°20	12°52	2°10	13°31	8°45	7°10	9° 7	9°53	9°46	12°31	24°48
T 25	16 10 12	3°38'50	27° 9	18°11	16°26	12°34	2° 9	13°34	8°48	7°11	9° 8	9°52	9°43	12°38	24°48
W26	16 14 8	4°36'21	11♁11	18°D 7	17°32	12°17	2° 9	13°37	8°51	7°12	9° 9	9°52	9°40	12°45	24°49
T 27	16 18 5	5°33'51	25° 5	18° 8	18°38	12° 0	2° 7	13°40	8°54	7°14	9°10	9°52	9°36	12°51	24°49
F 28	16 22 2	6°31'19	8♁48	18°13	19°44	11°44	2° 6	13°43	8°57	7°15	9°11	9°50	9°33	12°58	24°50
S 29	16 25 58	7°28'46	22°22	18°22	20°49	11°28	2° 5	13°46	9° 0	7°17	9°12	9°45	9°30	13° 5	24°50
S 30	16 29 55	8°26'12	5♂45	18°36	21°55	11°14	2° 3	13°48	9° 4	7°18	9°13	9°38	9°27	13°11	24°51
M31	16 33 51	9♂23'37	18♂57	18♁54	23♁0	11♂0	2♁1	13♁51	9♁7	7♁19	9♁14	9♁28	9♁24	13♁18	24♁52

Delta T = 7.45 sec.

Greg. Calendar

JUNE 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
T 1	16 37 48	10♂21'01	1♁58	19♁17	24♁5	10°R47	1°R59	13♁53	9♁10	7♁20	9♁15	9°R16	9♁21	13♁25	24♁53
W 2	16 41 44	11°18'24	14°45	19°44	25° 9	10♂34	1♁57	13°55	9°13	7°22	9°16	9♁3	9°17	13°31	24°54
T 3	16 45 41	12°15'46	27°19	20°15	26°14	10°22	1°54	13°58	9°17	7°23	9°17	8°50	9°14	13°38	24°55
F 4	16 49 37	13°13'07	9♁39	20°51	27°18	10°11	1°51	14° 0	9°20	7°24	9°18	8°39	9°11	13°45	24°57
S 5	16 53 34	14°10'28	21°46	21°30	28°22	10° 1	1°49	14° 2	9°23	7°25	9°19	8°30	9° 8	13°51	24°58
S 6	16 57 31	15° 7'47	3♁44	22°14	29°26	9°51	1°46	14° 4	9°27	7°26	9°21	8°23	9° 5	13°58	25° 0
M 7	17 1 27	16° 5'07	15°35	23° 2	0♁29	9°43	1°43	14° 5	9°30	7°27	9°22	8°19	9° 1	14° 5	25° 2
T 8	17 5 24	17° 2'26	27°23	23°53	1°32	9°35	1°39	14° 7	9°34	7°28	9°23	8°17	8°58	14°11	25° 3
W 9	17 9 20	17°59'44	9♁13	24°48	2°35	9°28	1°36	14° 9	9°37	7°30	9°24	8°D17	8°55	14°18	25° 5
T 10	17 13 17	18°57'02	21°11	25°47	3°38	9°22	1°32	14°10	9°40	7°31	9°25	8°R17	8°52	14°25	25° 7
F 11	17 17 13	19°54'19	3♁22	26°50	4°40	9°16	1°28	14°12	9°44	7°32	9°27	8°16	8°49	14°31	25° 9
S 12	17 21 10	20°51'36	15°50	27°56	5°43	9°12	1°24	14°13	9°47	7°32	9°28	8°14	8°46	14°38	25°12
S 13	17 25 6	21°48'53	28°42	29° 5	6°44	9° 8	1°20	14°14	9°51	7°33	9°29	8°10	8°42	14°44	25°14
M14	17 29 3	22°46'10	11♁59	0♂18	7°46	9° 5	1°15	14°16	9°54	7°34	9°30	8° 3	8°39	14°51	25°17
T 15	17 33 0	23°43'26	25°42	1°34	8°47	9° 3	1°11	14°17	9°58	7°35	9°32	7°54	8°36	14°58	25°19
W16	17 36 56	24°40'42	9♂15	2°54	9°48	9° 2	1° 6	14°18	10° 1	7°36	9°33	7°43	8°33	15° 4	25°22
T 17	17 40 53	25°37'58	24°20	4°17	10°49	9°D 1	1° 1	14°19	10° 5	7°37	9°34	7°32	8°30	15°11	25°25
F 18	17 44 49	26°35'13	9♁4	5°44	11°49	9° 2	0°56	14°19	10° 8	7°38	9°36	7°23	8°26	15°18	25°28
S 19	17 48 46	27°32'28	23°53	7°13	12°49	9° 3	0°51	14°20	10°12	7°38	9°37	7°15	8°23	15°24	25°31
S 20	17 52 42	28°29'42	8♁40	8°46	13°48	9° 5	0°46	14°20	10°16	7°39	9°39	7°10	8°20	15°31	25°34
M21	17 56 39	29°26'56	23°19	10°22	14°48	9° 8	0°40	14°21	10°19	7°40	9°40	7° 7	8°17	15°38	25°37
T 22	18 0 35	0♁24'09	7♁44	12° 1	15°46	9°11	0°35	14°21	10°23	7°40	9°42	7°D 7	8°14	15°44	25°40
W23	18 4 32	1°21'22	21°52	13°43	16°45	9°16	0°29	14°22	10°26	7°41	9°43	7° 7	8°11	15°51	25°44
T 24	18 8 29	2°18'34	5♁44	15°29	17°43	9°21	0°23	14°22	10°30	7°41	9°45	7°R 7	8° 7	15°58	25°47
F 25	18 12 25	3°15'46	19°19	17°17	18°40	9°27	0°17	14°R22	10°34	7°42	9°46	7° 6	8° 4	16° 4	25°51
S 26	18 16 22	4°12'57	2♂39	19° 8	19°37	9°34	0°11	14°22	10°37	7°42	9°48	7° 3	8° 1	16°11	25°55
S 27	18 20 18	5°10'07	15°44	21° 2	20°34	9°41	0° 5	14°22	10°41	7°43	9°49	6°57	7°58	16°18	25°58
M28	18 24 15	6° 7'18	28°37	22°58	21°30	9°50	29♁58	14°21	10°44	7°43	9°51	6°49	7°55	16°24	26° 2
T 29	18 28 11	7° 4'28	11♁18	24°57	22°26	9°59	29°52	14°21	10°48	7°44	9°52	6°40	7°52	16°31	26° 6
W30	18 32 8	8♁1'38	23♁48	26♂58	23♁21	10♂8	29♁45	14♁21	10♁52	7♁44	9♁54	6♁29	7♁48	16♁38	26♁11

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SWISS EPHEMERIS for the year 1700

JULY 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	18 36 4	8 ²⁵ 58'49	6 ³ 6	29 ^{II} 1	24 ^Ω 16	10 [♈] 19	29 [°] R39	14 [°] R20	10 ⁵⁵ 55	7 ^Υ 45	9 ^Ω 55	6 [°] R19	7 [♈] 45	16 [♈] 44	26 [♈] 15
F 2	18 40 1	9 ⁵⁵ '59	18 [°] 15	1 [♁] 6	25 [°] 10	10 [°] 30	29 ³² 32	14 [°] X19	10 [°] 59	7 [°] 45	9 [°] 57	6 [♈] 10	7 [°] 42	16 [°] 51	26 [°] 19
S 3	18 43 58	10 [°] 53'09	0 [♁] 14	3 [°] 12	26 [°] 3	10 [°] 41	29 [°] 25	14 [°] 19	11 [°] 3	7 [°] 45	9 [°] 59	6 [°] 2	7 [°] 39	16 [°] 58	26 [°] 24
S 4	18 47 54	11 [°] 50'19	12 [°] 7	5 [°] 20	26 [°] 56	10 [°] 54	29 [°] 18	14 [°] 18	11 [°] 6	7 [°] 45	10 [°] 0	5 [°] 57	7 [°] 36	17 [°] 4	26 [°] 28
M 5	18 51 51	12 [°] 47'30	23 [°] 55	7 [°] 28	27 [°] 49	11 [°] 7	29 [°] 11	14 [°] 17	11 [°] 10	7 [°] 46	10 [°] 2	5 [°] 54	7 [°] 32	17 [°] 11	26 [°] 33
T 6	18 55 47	13 [°] 44'41	5 [°] X42	9 [°] 37	28 [°] 41	11 [°] 20	29 [°] 4	14 [°] 16	11 [°] 14	7 [°] 46	10 [°] 3	5 [°] D54	7 [°] 29	17 [°] 18	26 [°] 37
W 7	18 59 44	14 [°] 41'52	17 [°] 32	11 [°] 47	29 [°] 32	11 [°] 35	28 [°] 57	14 [°] 15	11 [°] 17	7 [°] 46	10 [°] 5	5 [°] 54	7 [°] 26	17 [°] 24	26 [°] 42
T 8	19 3 40	15 [°] 39'04	29 [°] 30	13 [°] 56	0 [♈] 22	11 [°] 50	28 [°] 49	14 [°] 14	11 [°] 21	7 [°] 46	10 [°] 7	5 [°] 55	7 [°] 23	17 [°] 31	26 [°] 47
F 9	19 7 37	16 [°] 36'17	11 ^Υ 40	16 [°] 6	1 [°] 12	12 [°] 5	28 [°] 42	14 [°] 12	11 [°] 24	7 [°] 46	10 [°] 8	5 [°] R56	7 [°] 20	17 [°] 38	26 [°] 52
S 10	19 11 33	17 [°] 33'29	24 [°] 7	18 [°] 14	2 [°] 1	12 [°] 21	28 [°] 34	14 [°] 11	11 [°] 28	7 [°] 46	10 [°] 10	5 [°] 56	7 [°] 17	17 [°] 44	26 [°] 57
S 11	19 15 30	18 [°] 30'43	6 [♁] 57	20 [°] 23	2 [°] 49	12 [°] 38	28 [°] 27	14 [°] 9	11 [°] 32	7 [°] R46	10 [°] 12	5 [°] 54	7 [°] 13	17 [°] 51	27 [°] 2
M12	19 19 27	19 [°] 27'57	20 [°] 12	22 [°] 30	3 [°] 37	12 [°] 55	28 [°] 19	14 [°] 8	11 [°] 35	7 [°] 46	10 [°] 13	5 [°] 51	7 [°] 10	17 [°] 58	27 [°] 8
T 13	19 23 23	20 [°] 25'12	3 ^{II} 56	24 [°] 36	4 [°] 24	13 [°] 13	28 [°] 12	14 [°] 6	11 [°] 39	7 [°] 46	10 [°] 15	5 [°] 46	7 [°] 7	18 [°] 4	27 [°] 13
W14	19 27 20	21 [°] 22'28	18 [°] 8	26 [°] 41	5 [°] 10	13 [°] 32	28 [°] 4	14 [°] 4	11 [°] 43	7 [°] 46	10 [°] 17	5 [°] 39	7 [°] 4	18 [°] 11	27 [°] 18
T 15	19 31 16	22 [°] 19'44	2 [♁] 44	28 [°] 44	5 [°] 55	13 [°] 51	27 [°] 56	14 [°] 2	11 [°] 46	7 [°] 46	10 [°] 19	5 [°] 33	7 [°] 1	18 [°] 17	27 [°] 24
F 16	19 35 13	23 [°] 17'01	17 [°] 39	0 [♈] 46	6 [°] 39	14 [°] 10	27 [°] 49	14 [°] 1	11 [°] 50	7 [°] 46	10 [°] 20	5 [°] 27	6 [°] 58	18 [°] 24	27 [°] 29
S 17	19 39 9	24 [°] 14'18	2 ^Ω 45	2 [°] 47	7 [°] 22	14 [°] 30	27 [°] 41	13 [°] 58	11 [°] 53	7 [°] 46	10 [°] 22	5 [°] 22	6 [°] 54	18 [°] 31	27 [°] 35
S 18	19 43 6	25 [°] 11'36	17 [°] 50	4 [°] 46	8 [°] 5	14 [°] 51	27 [°] 33	13 [°] 56	11 [°] 57	7 [°] 45	10 [°] 24	5 [°] 19	6 [°] 51	18 [°] 37	27 [°] 41
M19	19 47 3	26 [°] 8'54	2 [♈] 48	6 [°] 43	8 [°] 46	15 [°] 12	27 [°] 26	13 [°] 54	12 [°] 0	7 [°] 45	10 [°] 26	5 [°] D18	6 [°] 48	18 [°] 44	27 [°] 47
T 20	19 50 59	27 [°] 6'13	17 [°] 30	8 [°] 39	9 [°] 27	15 [°] 34	27 [°] 18	13 [°] 52	12 [°] 4	7 [°] 45	10 [°] 27	5 [°] 18	6 [°] 45	18 [°] 51	27 [°] 53
W21	19 54 56	28 [°] 3'32	1 [♁] 51	10 [°] 33	10 [°] 6	15 [°] 56	27 [°] 10	13 [°] 49	12 [°] 8	7 [°] 45	10 [°] 29	5 [°] 20	6 [°] 42	18 [°] 57	27 [°] 59
T 22	19 58 52	29 [°] 0'51	15 [°] 51	12 [°] 25	10 [°] 44	16 [°] 19	27 [°] 2	13 [°] 47	12 [°] 11	7 [°] 44	10 [°] 31	5 [°] 21	6 [°] 38	19 [°] 4	28 [°] 5
F 23	20 2 49	29 [°] 58'11	29 [°] 28	14 [°] 16	11 [°] 21	16 [°] 42	26 [°] 54	13 [°] 44	12 [°] 15	7 [°] 44	10 [°] 33	5 [°] R22	6 [°] 35	19 [°] 11	28 [°] 11
S 24	20 6 45	0 [♈] 55'31	12 [♈] 44	16 [°] 4	11 [°] 57	17 [°] 5	26 [°] 47	13 [°] 42	12 [°] 18	7 [°] 43	10 [°] 35	5 [°] 21	6 [°] 32	19 [°] 17	28 [°] 17
S 25	20 10 42	1 [°] 52'52	25 [°] 41	17 [°] 52	12 [°] 32	17 [°] 29	26 [°] 39	13 [°] 39	12 [°] 22	7 [°] 43	10 [°] 36	5 [°] 19	6 [°] 29	19 [°] 24	28 [°] 23
M26	20 14 38	2 [°] 50'13	8 [♁] 7	19 [°] 37	13 [°] 5	17 [°] 54	26 [°] 31	13 [°] 36	12 [°] 25	7 [°] 43	10 [°] 38	5 [°] 15	6 [°] 26	19 [°] 31	28 [°] 30
T 27	20 18 35	3 [°] 47'35	20 [°] 28	21 [°] 21	13 [°] 37	18 [°] 18	26 [°] 24	13 [°] 33	12 [°] 28	7 [°] 42	10 [°] 40	5 [°] 11	6 [°] 23	19 [°] 37	28 [°] 36
W28	20 22 31	4 [°] 44'58	3 [♁] 3	23 [°] 3	14 [°] 7	18 [°] 44	26 [°] 16	13 [°] 30	12 [°] 32	7 [°] 42	10 [°] 42	5 [°] 6	6 [°] 19	19 [°] 44	28 [°] 43
T 29	20 26 28	5 [°] 42'21	15 [°] 9	24 [°] 43	14 [°] 36	19 [°] 9	26 [°] 8	13 [°] 27	12 [°] 35	7 [°] 41	10 [°] 44	5 [°] 1	6 [°] 16	19 [°] 51	28 [°] 49
F 30	20 30 25	6 [°] 39'46	27 [°] 7	26 [°] 22	15 [°] 4	19 [°] 36	26 [°] 1	13 [°] 24	12 [°] 39	7 [°] 40	10 [°] 45	4 [°] 56	6 [°] 13	19 [°] 57	28 [°] 56
S 31	20 34 21	7 ^Ω 37'11	9 [♁] 0	27 ^Ω 59	15 [♈] 30	20 [♈] 2	25 [°] 53	13 [°] X21	12 [°] 42	7 ^Υ 40	10 ^Ω 47	4 [♈] 53	6 [♈] 10	20 [♈] 4	29 [♈] 3

Delta T = 7.45 sec.

Greg. Calendar

AUGUST 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	20 38 18	8 ^Ω 34'37	20 [♈] 49	29 ^Ω 35	15 [♈] 54	20 [♈] 29	25 [°] R46	13 [°] R18	12 ⁵⁴ 45	7 [°] R39	10 ^Ω 49	4 [°] R50	6 [♈] 7	20 [♈] 11	29 [♈] 10
M 2	20 42 14	9 [°] 32'04	2 [♁] 36	1 [♈] 8	16 [°] 16	20 [°] 56	25 ³⁹ 39	13 [°] X14	12 [°] 49	7 ^Υ 39	10 [°] 51	4 [°] D50	6 [°] 4	20 [°] 17	29 [°] 16
T 3	20 46 11	10 [°] 29'32	14 [°] 25	2 [°] 40	16 [°] 37	21 [°] 24	25 [°] 31	13 [°] 11	12 [°] 52	7 [°] 38	10 [°] 53	4 [♈] 50	6 [°] 0	20 [°] 24	29 [°] 23
W 4	20 50 7	11 [°] 27'01	26 [°] 18	4 [°] 11	16 [°] 56	21 [°] 52	25 [°] 24	13 [°] 7	12 [°] 55	7 [°] 37	10 [°] 54	4 [°] 51	5 [°] 57	20 [°] 31	29 [°] 30
T 5	20 54 4	12 [°] 24'32	8 ^Υ 18	5 [°] 40	17 [°] 14	22 [°] 20	25 [°] 17	13 [°] 4	12 [°] 59	7 [°] 36	10 [°] 56	4 [°] 53	5 [°] 54	20 [°] 37	29 [°] 37
F 6	20 58 0	13 [°] 22'04	20 [°] 30	7 [°] 7	17 [°] 29	22 [°] 49	25 [°] 10	13 [°] 0	13 [°] 2	7 [°] 36	10 [°] 58	4 [°] 54	5 [°] 51	20 [°] 44	29 [°] 44
S 7	21 1 57	14 [°] 19'37	2 [♁] 58	8 [°] 32	17 [°] 42	23 [°] 18	25 [°] 3	12 [°] 56	13 [°] 5	7 [°] 35	11 [°] 0	4 [°] 55	5 [°] 48	20 [°] 50	29 [°] 52
S 8	21 5 54	15 [°] 17'12	15 [°] 45	9 [°] 56	17 [°] 53	23 [°] 48	24 [°] 56	12 [°] 53	13 [°] 9	7 [°] 34	11 [°] 2	4 [°] R56	5 [°] 44	20 [°] 57	29 [°] 59
M 9	21 9 50	16 [°] 14'49	28 [°] 56	11 [°] 18	18 [°] 3	24 [°] 17	24 [°] 49	12 [°] 49	13 [°] 12	7 [°] 33	11 [°] 3	4 [°] 55	5 [°] 41	21 [°] 4	0 [♁] 6
T 10	21 13 47	17 [°] 12'26	12 ^{II} 33	12 [°] 38	18 [°] 10	24 [°] 47	24 [°] 43	12 [°] 45	13 [°] 15	7 [°] 32	11 [°] 5	4 [°] 54	5 [°] 38	21 [°] 10	0 [°] 14
W11	21 17 43	18 [°] 10'06	26 [°] 37	13 [°] 56	18 [°] 15	25 [°] 18	24 [°] 36	12 [°] 41	13 [°] 18	7 [°] 31	11 [°] 7	4 [°] 52	5 [°] 35	21 [°] 17	0 [°] 21
T 12	21 21 40	19 [°] 7'47	11 [♁] 8	15 [°] 13	18 [°] 17	25 [°] 49	24 [°] 30	12 [°] 37	13 [°] 21	7 [°] 30	11 [°] 9	4 [°] 50	5 [°] 32	21 [°] 24	0 [°] 28
F 13	21 25 36	20 [°] 5'30	25 [°] 59	16 [°] 27	18 [°] R18	26 [°] 20	24 [°] 23	12 [°] 33	13 [°] 24	7 [°] 29	11 [°] 11	4 [°] 48	5 [°] 29	21 [°] 30	0 [°] 36
S 14	21 29 33	21 [°] 3'14	11 ^Ω 6	17 [°] 40	18 [°] 16	26 [°] 51	24 [°] 17	12 [°] 29	13 [°] 27	7 [°] 28	11 [°] 12	4 [°] 47	5 [°] 25	21 [°] 37	0 [°] 43
S 15	21 33 29	22 [°] 0'59	26 [°] 18	18 [°] 50	18 [°] 11	27 [°] 23	24 [°] 11	12 [°] 25	13 [°] 30	7 [°] 27	11 [°] 14	4 [°] 46	5 [°] 22	21 [°] 44	0 [°] 51
M16	21 37 26	22 [°] 58'45	11 [♈] 26	19 [°] 58	18 [°] 5	27 [°] 55	24 [°] 5	12 [°] 21	13 [°] 33	7 [°] 26	11 [°] 16	4 [°] D46	5 [°] 19	21 [°] 50	0 [°] 59
T 17	21 41 23	23 [°] 56'33	26 [°] 21	21 [°] 4	17 [°] 56	28 [°] 27	23 [°] 59								

SWISS EPHEMERIS for the year 1700

SEPTEMBER 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
W 1	22 40 31	8 ^h 26'10	5 ^h Y22	1 ^h 19	11 ^h R29	7 ^h 3	22 ^h R51	11 ^h R10	14 ^h 17	7 ^h R 6	11 ^h Ω44	4 ^h R47	4 ^h 28	23 ^h 37	3 ^h Ω 8
T 2	22 44 27	9 ^h 24'21	17 ^h 31	1 ^h 25	10 ^h 52	7 ^h 39	22 ^h 347	11 ^h 5	14 ^h 20	7 ^h Y 5	11 ^h 45	4 ^h 27	4 ^h 25	23 ^h 43	3 ^h 16
F 3	22 48 24	10 ^h 22'34	29 ^h 51	1 ^h R25	10 ^h 15	8 ^h 15	22 ^h 44	11 ^h 1	14 ^h 22	7 ^h 3	11 ^h 47	4 ^h 46	4 ^h 22	23 ^h 50	3 ^h 25
S 4	22 52 21	11 ^h 20'49	12 ^h 25	1 ^h 19	9 ^h 37	8 ^h 52	22 ^h 41	10 ^h 56	14 ^h 24	7 ^h 2	11 ^h 49	4 ^h 45	4 ^h 19	23 ^h 57	3 ^h 33
S 5	22 56 17	12 ^h 19'06	25 ^h 15	1 ^h 7	9 ^h 1	9 ^h 29	22 ^h 39	10 ^h 52	14 ^h 27	7 ^h 0	11 ^h 50	4 ^h 45	4 ^h 15	24 ^h 3	3 ^h 41
M 6	23 0 14	13 ^h 17'25	8 ^h II24	0 ^h 48	8 ^h 24	10 ^h 6	22 ^h 36	10 ^h 47	14 ^h 29	6 ^h 59	11 ^h 52	4 ^h D44	4 ^h 12	24 ^h 10	3 ^h 50
T 7	23 4 10	14 ^h 15'47	21 ^h 55	0 ^h 22	7 ^h 48	10 ^h 43	22 ^h 34	10 ^h 43	14 ^h 31	6 ^h 57	11 ^h 53	4 ^h 44	4 ^h 9	24 ^h 17	3 ^h 58
W 8	23 8 7	15 ^h 14'10	5 ^h 48	29 ^h 50	7 ^h 14	11 ^h 21	22 ^h 32	10 ^h 38	14 ^h 34	6 ^h 56	11 ^h 55	4 ^h 45	4 ^h 6	24 ^h 23	4 ^h 7
T 9	23 12 3	16 ^h 12'36	20 ^h 3	29 ^h 12	6 ^h 40	11 ^h 58	22 ^h 30	10 ^h 33	14 ^h 36	6 ^h 54	11 ^h 56	4 ^h 46	4 ^h 3	24 ^h 30	4 ^h 16
F 10	23 16 0	17 ^h 11'03	4 ^h Ω39	28 ^h 27	6 ^h 8	12 ^h 36	22 ^h 28	10 ^h 29	14 ^h 38	6 ^h 53	11 ^h 58	4 ^h 47	4 ^h 0	24 ^h 36	4 ^h 24
S 11	23 19 56	18 ^h 9'33	19 ^h 32	27 ^h 37	5 ^h 37	13 ^h 14	22 ^h 27	10 ^h 24	14 ^h 40	6 ^h 51	12 ^h 0	4 ^h 48	3 ^h 56	24 ^h 43	4 ^h 33
S 12	23 23 53	19 ^h 8'05	4 ^h 23	26 ^h 41	5 ^h 8	13 ^h 53	22 ^h 25	10 ^h 20	14 ^h 42	6 ^h 50	12 ^h 1	4 ^h R48	3 ^h 53	24 ^h 50	4 ^h 42
M 13	23 27 50	20 ^h 6'39	19 ^h 39	25 ^h 42	4 ^h 41	14 ^h 31	22 ^h 24	10 ^h 15	14 ^h 44	6 ^h 48	12 ^h 3	4 ^h 47	3 ^h 50	24 ^h 56	4 ^h 50
T 14	23 31 46	21 ^h 5'14	4 ^h Ω36	24 ^h 40	4 ^h 15	15 ^h 10	22 ^h 23	10 ^h 11	14 ^h 46	6 ^h 47	12 ^h 4	4 ^h 46	3 ^h 47	25 ^h 3	4 ^h 59
W 15	23 35 43	22 ^h 3'52	19 ^h 17	23 ^h 36	3 ^h 52	15 ^h 48	22 ^h 22	10 ^h 6	14 ^h 48	6 ^h 45	12 ^h 5	4 ^h 44	3 ^h 44	25 ^h 10	5 ^h 8
T 16	23 39 39	23 ^h 2'31	3 ^h Ω37	22 ^h 32	3 ^h 31	16 ^h 27	22 ^h 22	10 ^h 2	14 ^h 50	6 ^h 43	12 ^h 7	4 ^h 42	3 ^h 41	25 ^h 16	5 ^h 16
F 17	23 43 36	24 ^h 1'13	17 ^h 31	21 ^h 29	3 ^h 12	17 ^h 6	22 ^h 21	9 ^h 58	14 ^h 51	6 ^h 42	12 ^h 8	4 ^h 39	3 ^h 37	25 ^h 23	5 ^h 25
S 18	23 47 32	24 ^h 59'55	0 ^h 7'57	20 ^h 30	2 ^h 56	17 ^h 46	22 ^h D21	9 ^h 53	14 ^h 53	6 ^h 40	12 ^h 10	4 ^h 37	3 ^h 34	25 ^h 30	5 ^h 34
S 19	23 51 29	25 ^h 58'40	13 ^h 58	19 ^h 35	2 ^h 42	18 ^h 25	22 ^h 21	9 ^h 49	14 ^h 55	6 ^h 38	12 ^h 11	4 ^h 36	3 ^h 31	25 ^h 36	5 ^h 43
M 20	23 55 25	26 ^h 57'27	26 ^h 35	18 ^h 46	2 ^h 30	19 ^h 5	22 ^h 21	9 ^h 45	14 ^h 56	6 ^h 37	12 ^h 13	4 ^h D35	3 ^h 28	25 ^h 43	5 ^h 51
T 21	23 59 22	27 ^h 56'15	8 ^h 354	18 ^h 4	2 ^h 21	19 ^h 45	22 ^h 22	9 ^h 40	14 ^h 58	6 ^h 35	12 ^h 14	4 ^h 36	3 ^h 25	25 ^h 50	6 ^h 0
W 22	0 3 18	28 ^h 55'05	20 ^h 57	17 ^h 31	2 ^h 14	20 ^h 25	22 ^h 22	9 ^h 36	15 ^h 0	6 ^h 34	12 ^h 15	4 ^h 37	3 ^h 21	25 ^h 56	6 ^h 9
T 23	0 7 15	29 ^h 53'56	2 ^h Ω51	17 ^h 7	2 ^h 10	21 ^h 5	22 ^h 23	9 ^h 32	15 ^h 1	6 ^h 32	12 ^h 17	4 ^h 39	3 ^h 18	26 ^h 3	6 ^h 18
F 24	0 11 12	0 ^h Ω2'50	14 ^h 40	16 ^h 53	2 ^h D 8	21 ^h 45	22 ^h 24	9 ^h 28	15 ^h 3	6 ^h 30	12 ^h 18	4 ^h 40	3 ^h 15	26 ^h 10	6 ^h 27
S 25	0 15 8	1 ^h 51'45	26 ^h 27	16 ^h D49	2 ^h 8	22 ^h 25	22 ^h 25	9 ^h 24	15 ^h 4	6 ^h 29	12 ^h 19	4 ^h 42	3 ^h 12	26 ^h 16	6 ^h 36
S 26	0 19 5	2 ^h 50'42	8 ^h 17	16 ^h 55	2 ^h 11	23 ^h 6	22 ^h 27	9 ^h 20	15 ^h 5	6 ^h 27	12 ^h 20	4 ^h R42	3 ^h 9	26 ^h 23	6 ^h 44
M 27	0 23 1	3 ^h 49'41	20 ^h 13	17 ^h 12	2 ^h 16	23 ^h 46	22 ^h 28	9 ^h 16	15 ^h 7	6 ^h 25	12 ^h 22	4 ^h 41	3 ^h 6	26 ^h 29	6 ^h 53
T 28	0 26 58	4 ^h 48'42	2 ^h Y16	17 ^h 39	2 ^h 23	24 ^h 27	22 ^h 30	9 ^h 12	15 ^h 8	6 ^h 24	12 ^h 23	4 ^h 38	3 ^h 2	26 ^h 36	7 ^h 2
W 29	0 30 54	5 ^h 47'45	14 ^h 29	18 ^h 14	2 ^h 33	25 ^h 8	22 ^h 32	9 ^h 8	15 ^h 9	6 ^h 22	12 ^h 24	4 ^h 34	2 ^h 59	26 ^h 43	7 ^h 11
T 30	0 34 51	6 ^h Ω46'50	26 ^h Y53	18 ^h 59	2 ^h 44	25 ^h 49	22 ^h 34	9 ^h 14	15 ^h 10	6 ^h Y20	12 ^h 25	4 ^h 29	2 ^h 56	26 ^h Ω49	7 ^h Ω20

Delta T = 7.46 sec.

Greg. Calendar

OCTOBER 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
F 1	0 38 47	7 ^h Ω45'57	9 ^h 8'28	19 ^h 52	2 ^h 58	26 ^h 30	22 ^h 37	9 ^h R 1	15 ^h 12	6 ^h R19	12 ^h 26	4 ^h R23	2 ^h 53	26 ^h Ω56	7 ^h Ω29
S 2	0 42 44	8 ^h 45'07	22 ^h 17	20 ^h 53	3 ^h 14	27 ^h 11	22 ^h 39	8 ^h 57	15 ^h 13	6 ^h Y17	12 ^h 28	4 ^h 28	2 ^h 50	27 ^h 3	7 ^h 38
S 3	0 46 41	9 ^h 44'19	5 ^h II18	22 ^h 0	3 ^h 32	27 ^h 53	22 ^h 42	8 ^h 53	15 ^h 14	6 ^h 15	12 ^h 29	4 ^h 13	2 ^h 46	27 ^h 9	7 ^h 46
M 4	0 50 37	10 ^h 43'33	18 ^h 34	23 ^h 14	3 ^h 52	28 ^h 34	22 ^h 45	8 ^h 50	15 ^h 15	6 ^h 14	12 ^h 30	4 ^h 9	2 ^h 43	27 ^h 16	7 ^h 55
T 5	0 54 34	11 ^h 42'49	2 ^h Ω 4	24 ^h 32	4 ^h 14	29 ^h 16	22 ^h 48	8 ^h 46	15 ^h 15	6 ^h 12	12 ^h 31	4 ^h 7	2 ^h 40	27 ^h 23	8 ^h 4
W 6	0 58 30	12 ^h 42'08	15 ^h 50	25 ^h 56	4 ^h 37	29 ^h 58	22 ^h 51	8 ^h 43	15 ^h 16	6 ^h 10	12 ^h 32	4 ^h D 7	2 ^h 37	27 ^h 29	8 ^h 13
T 7	1 2 27	13 ^h 41'29	29 ^h 53	27 ^h 23	5 ^h 2	0 ^h 30	22 ^h 55	8 ^h 39	15 ^h 17	6 ^h 9	12 ^h 33	4 ^h 8	2 ^h 34	27 ^h 36	8 ^h 22
F 8	1 6 23	14 ^h 40'53	14 ^h Ω10	28 ^h 54	5 ^h 29	1 ^h 22	22 ^h 58	8 ^h 36	15 ^h 18	6 ^h 7	12 ^h 34	4 ^h 9	2 ^h 31	27 ^h 43	8 ^h 31
S 9	1 10 20	15 ^h 40'19	28 ^h 41	0 ^h Ω27	5 ^h 58	2 ^h 4	23 ^h 2	8 ^h 33	15 ^h 19	6 ^h 5	12 ^h 35	4 ^h R10	2 ^h 27	27 ^h 49	8 ^h 40
S 10	1 14 16	16 ^h 39'47	13 ^h 21	2 ^h 3	6 ^h 28	2 ^h 46	23 ^h 6	8 ^h 30	15 ^h 19	6 ^h 4	12 ^h 36	4 ^h 10	2 ^h 24	27 ^h 56	8 ^h 48
M 11	1 18 13	17 ^h 39'17	28 ^h 7	3 ^h 41	7 ^h 0	3 ^h 28	23 ^h 10	8 ^h 27	15 ^h 20	6 ^h 2	12 ^h 37	4 ^h 8	2 ^h 21	28 ^h 2	8 ^h 57
T 12	1 22 9	18 ^h 38'50	12 ^h Ω49	5 ^h 20	7 ^h 33	4 ^h 11	23 ^h 15	8 ^h 24	15 ^h 20	6 ^h 0	12 ^h 38	4 ^h 3	2 ^h 18	28 ^h 9	9 ^h 6
W 13	1 26 6	19 ^h 38'24	27 ^h 23	7 ^h 0	8 ^h 8	4 ^h 53	23 ^h 19	8 ^h 21	15 ^h 21	5 ^h 59	12 ^h 39	3 ^h 57	2 ^h 15	28 ^h 16	9 ^h 15
T 14	1 30 3	20 ^h 38'01	11 ^h Ω39	8 ^h 41	8 ^h 44	5 ^h 36	23 ^h 24	8 ^h 18	15 ^h 21	5 ^h 57	12 ^h 40	3 ^h 50	2 ^h 12	28 ^h 22	9 ^h 24
F 15	1 33 59	21 ^h 37'39	25 ^h 34	10 ^h 22	9 ^h 21	6 ^h 19	23 ^h 29	8 ^h 16	15 ^h 22	5 ^h 56	12 ^h 40	3 ^h 42	2 ^h 8	28 ^h 29	9 ^h 32
S 16	1 37 56	22 ^h 37'20	9 ^h 7	12 ^h 4	9 ^h 59	7 ^h 2	23 ^h 34	8 ^h 13	15 ^h 22	5 ^h 54	12 ^h 41	3 ^h 34	2 ^h 5	28 ^h 36	9 ^h 41
S 17	1 41 52	23 ^h 37'02	22 ^h 8	13 ^h 46	10 ^h 39	7 ^h 45	23 ^h 39	8 ^h 10	15 ^h 22	5 ^h 52	12 ^h 42	3 ^h 28	2 ^h 2	28 ^h 42	9 ^h 50
M 18	1 45 49	24 ^h 36'46	4 ^h 348	15 ^h 29	11 ^h 20	8 ^h 28	23 ^h 45	8 ^h 8	15 ^h 22	5 ^h 51					

SWISS EPHEMERIS for the year 1700

NOVEMBER 1700

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
M 1	2 41 1	8♁36'07	29♁ 1	8♁48	22♁33	18♁39	25♁18	7°R44	15°R20	5°R30	12♁51	2°R14	1♁14	0♁22	11♁58	
T 2	2 44 57	9°36'18	12♁43	10°25	23°27	19°24	25°26	7♁43	15♁19	5°Y29	12°51	2♁9	1°11	0°29	12°6	
W 3	2 48 54	10°36'32	26°34	12°1	24°22	20°8	25°34	7°42	15°18	5°28	12°51	2°6	1°8	0°35	12°14	
T 4	2 52 50	11°36'47	10♁32	13°38	25°17	20°52	25°42	7°41	15°18	5°27	12°52	2°D5	1°5	0°42	12°23	
F 5	2 56 47	12°37'05	24°37	15°13	26°13	21°37	25°50	7°40	15°17	5°25	12°52	2°R5	1°2	0°49	12°31	
S 6	3 0 43	13°37'25	8♁48	16°49	27°10	22°21	25°58	7°40	15°16	5°24	12°52	2°5	0°58	0°55	12°39	
S 7	3 4 40	14°37'46	23°5	18°24	28°7	23°6	26°7	7°39	15°15	5°23	12°52	2°4	0°55	1°2	12°47	
M 8	3 8 36	15°38'10	7♁24	19°58	29°5	23°50	26°16	7°39	15°14	5°22	12°52	2°0	0°52	1°8	12°55	
T 9	3 12 33	16°38'35	21°41	21°33	0♁3	24°35	26°24	7°39	15°14	5°20	12°53	1°53	0°49	1°15	13°3	
W10	3 16 30	17°39'03	5♁53	23°7	1°1	25°20	26°33	7°38	15°13	5°19	12°53	1°43	0°46	1°22	13°11	
T11	3 20 26	18°39'32	19°52	24°41	2°1	26°5	26°42	7°D38	15°11	5°18	12°53	1°31	0°43	1°28	13°19	
F12	3 24 23	19°40'02	3♁35	26°14	3°0	26°49	26°52	7°38	15°10	5°17	12°53	1°18	0°39	1°35	13°27	
S13	3 28 19	20°40'34	16°58	27°48	4°1	27°34	27°1	7°39	15°9	5°16	12°53	1°6	0°36	1°42	13°34	
S14	3 32 16	21°41'08	29°59	29°21	5°1	28°19	27°10	7°39	15°8	5°15	12°R53	0°55	0°33	1°48	13°42	
M15	3 36 12	22°41'43	12♁39	0♁54	6°2	29°4	27°20	7°39	15°7	5°14	12°53	0°47	0°30	1°55	13°50	
T16	3 40 9	23°42'20	24°59	2°26	7°3	29°49	27°30	7°40	15°5	5°13	12°53	0°41	0°27	2°2	13°58	
W17	3 44 5	24°42'57	7♁4	3°59	8°5	0♁34	27°39	7°40	15°4	5°12	12°53	0°38	0°23	2°8	14°5	
T18	3 48 2	25°43'36	18°57	5°31	9°7	1°19	27°49	7°41	15°3	5°11	12°53	0°37	0°20	2°15	14°13	
F19	3 51 59	26°44'16	0♁45	7°3	10°10	2°5	27°59	7°42	15°1	5°10	12°53	0°37	0°17	2°22	14°20	
S20	3 55 55	27°44'57	12°34	8°35	11°13	2°50	28°10	7°43	15°0	5°9	12°52	0°37	0°14	2°28	14°28	
S21	3 59 52	28°45'39	24°27	10°7	12°16	3°35	28°20	7°44	14°58	5°9	12°52	0°35	0°11	2°35	14°35	
M22	4 3 48	29°46'22	6°Y32	11°38	13°20	4°20	28°30	7°45	14°57	5°8	12°52	0°31	0°8	2°42	14°42	
T23	4 7 45	0♁47'06	18°51	13°9	14°24	5°5	28°41	7°46	14°55	5°7	12°52	0°25	0°4	2°48	14°49	
W24	4 11 41	1°47'52	1♁29	14°40	15°28	5°51	28°51	7°47	14°53	5°6	12°51	0°15	0°1	2°55	14°57	
T25	4 15 38	2°48'38	14°26	16°11	16°33	6°36	29°2	7°49	14°52	5°5	12°51	0°4	29♁58	3°1	15°4	
F26	4 19 34	3°49'26	27°43	17°42	17°38	7°22	29°13	7°50	14°50	5°5	12°51	29♁50	29°55	3°8	15°11	
S27	4 23 31	4°50'15	11♁18	19°12	18°43	8°7	29°24	7°52	14°48	5°4	12°51	29°37	29°52	3°15	15°18	
S28	4 27 28	5°51'05	25°7	20°42	19°48	8°52	29°35	7°54	14°46	5°3	12°50	29°25	29°49	3°21	15°24	
M29	4 31 24	6°51'57	9♁6	22°11	20°54	9°38	29°46	7°55	14°44	5°3	12°50	29°15	29°45	3°28	15°31	
T30	4 35 21	7°52'50	23♁12	23♁41	22♁0	10♁23	29♁57	7♁57	14♁43	5°Y2	12♁49	29♁9	29♁42	3♁35	15♁38	

Delta T = 7.46 sec.

Greg. Calendar

DECEMBER 1700

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
W 1	4 39 17	8♁53'44	7♁20	25♁9	23♁6	11♁9	0♁9	7♁59	14°R41	5°R2	12°R49	29°R5	29♁39	3♁41	15♁45	
T 2	4 43 14	9°54'39	21°29	26°37	24°13	11°54	0°20	8°1	14♁39	5°Y1	12♁48	29♁3	29°36	3°48	15°51	
F 3	4 47 10	10°55'36	5♁35	28°4	25°20	12°40	0°32	8°4	14°37	5°1	12°48	29°3	29°33	3°55	15°58	
S 4	4 51 7	11°56'33	19°39	29°31	26°27	13°25	0°43	8°6	14°35	5°0	12°47	29°3	29°29	4°1	16°4	
S 5	4 55 3	12°57'33	3♁40	0♁56	27°34	14°11	0°55	8°8	14°33	5°0	12°47	29°2	29°26	4°8	16°11	
M 6	4 59 0	13°58'33	17°36	2°20	28°41	14°57	1°7	8°11	14°30	5°0	12°46	28°58	29°23	4°15	16°17	
T 7	5 2 57	14°59'34	1♁28	3°43	29°49	15°42	1°19	8°14	14°28	4°59	12°46	28°51	29°20	4°21	16°23	
W 8	5 6 53	16°0'37	15°12	5°5	0♁57	16°28	1°31	8°16	14°26	4°59	12°45	28°42	29°17	4°28	16°29	
T 9	5 10 50	17°1'40	28°45	6°24	2°5	17°14	1°43	8°19	14°24	4°59	12°44	28°30	29°14	4°34	16°35	
F10	5 14 46	18°2'45	12♁6	7°41	3°13	17°59	1°55	8°22	14°22	4°58	12°43	28°17	29°10	4°41	16°41	
S11	5 18 43	19°3'50	25°12	8°56	4°22	18°45	2°7	8°25	14°19	4°58	12°43	28°5	29°7	4°48	16°47	
S12	5 22 39	20°4'56	8♁1	10°8	5°31	19°31	2°19	8°28	14°17	4°58	12°42	27°54	29°4	4°54	16°53	
M13	5 26 36	21°6'02	20°33	11°16	6°39	20°16	2°32	8°32	14°15	4°58	12°41	27°46	29°1	5°1	16°59	
T14	5 30 32	22°7'09	2♁49	12°21	7°48	21°2	2°44	8°35	14°12	4°58	12°40	27°40	28°58	5°8	17°4	
W15	5 34 29	23°8'17	14°51	13°20	8°58	21°48	2°57	8°38	14°10	4°58	12°40	27°37	28°55	5°14	17°10	
T16	5 38 26	24°9'24	26°44	14°15	10°7	22°33	3°9	8°42	14°8	4°D58	12°39	27°D36	28°51	5°21	17°15	
F17	5 42 22	25°10'32	8♁32	15°3	11°16	23°19	3°22	8°45	14°5	4°58	12°38	27°36	28°48	5°28	17°21	
S18	5 46 19	26°11'40	20°20	15°44	12°26	24°5	3°35	8°49	14°3	4°58	12°37	27°37	28°45	5°34	17°26	
S19	5 50 15	27°12'49	2°Y13	16°18	13°36	24°51	3°47	8°53	14°0	4°58	12°36	27°R37	28°42	5°41	17°31	
M20	5 54 12	28°13'57	14°17	16°43	14°46	25°36	4°0	8°57	13°58	4°58	12°35	27°35	28°39	5°48	17°36	
T21	5 58 8	29°15'05	26°36	16°58	15°56	26°22	4°13	9°1	13°55	4°58	12°34	27°32	28°35	5°54	17°41	
W22	6 2 5	0♁16'14	9♁17	17°R3	17°6	27°8	4°26	9°5	13°53	4°58	12°33	27°26	28°32	6°1	17°46	
T23	6 6 1	1°17'23	22°20	16°57	18°16	27°54	4°39	9°9	13°50	4°59	12°32	27°17	28°29	6°8	17°51	
F24	6 9 58	2°18'31	5♁48	16°39	19°26	28°39	4°52	9°13	13°48	4°59	12°31	27°8	28°26	6°14	17°55	
S25	6 13 55	3°19'40	19°39	16°9	20°37	29°25	5°6	9°17	13°45	4°59	12°30	26°58	28°23	6°21	18°0	
S26	6 17 51	4°20'49	3♁50	15°28	21°48	0♁11	5°19	9°22	13°43	4°59	12°29	26°50	28°20	6°27	18°4	
M27	6 21 48	5°21'59	18°16	14°36	22°58	0°57	5°32	9°26	13°40	5°0	12°28	26°43	28°16	6°34	18°9	
T28	6 25 44	6°23'08	2♁50	13°33	24°9	1°42	5°45	9°31	13°38	5°0	12°27	26°38	28°13	6°41	18°13	
W29	6 29 41	7°24'17	17°25	12°23	25°20	2°28	5°59	9°35	13°35	5°1	12°26	26°36	28°10	6°47	18°17	
T30	6 33 37	8°25'27	1♁56	11°6	26°31	3°14	6°12	9°40	13°33	5°1	12°25	26°D35	28°7	6°54	18°21	
F31	6 37 34	9♁26'37	16♁19	9♁46	27♁43	3♁59	6♁26	9♁45	13♁30	5°Y2	12♁24	26♁36	28♁4	7♁1	18♁25	

Delta T = 7.46 sec.

Greg. Calendar

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