

SWISS EPHEMERIS for the year 1705

JANUARY 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	6 41 37	10♁29°33	22♄38	14♁55	10♁34	19♄3	18°R59	29°D13	2°R40	13♄58	19°R11	11°R56	10♁38	19♁51	13♁54		
F 2	6 45 34	11°30'44	6♄41	16°34	11°48	19°34	18♁52	29♄13	2♁37	13°59	19♁10	11°D55	10°35	19°57	14° 0		
S 3	6 49 31	12°31'54	20°23	18°13	13° 2	20° 5	18°45	29°13	2°35	13°59	19° 9	11♁55	10°32	20° 4	14° 7		
S 4	6 53 27	13°33'04	3♄45	19°52	14°16	20°36	18°38	29°13	2°33	13°59	19° 7	11°57	10°29	20°11	14°13		
M 5	6 57 24	14°34'13	16°48	21°31	15°30	21° 7	18°32	29°14	2°30	14° 0	19° 6	11°58	10°26	20°17	14°20		
T 6	7 1 20	15°35'21	29°36	23°11	16°44	21°38	18°25	29°14	2°28	14° 0	19° 5	12° 0	10°23	20°24	14°27		
W 7	7 5 17	16°36'30	12♁11	24°51	17°58	22°10	18°19	29°15	2°25	14° 0	19° 4	12°R 0	10°19	20°31	14°33		
T 8	7 9 13	17°37'37	24°34	26°32	19°12	22°42	18°13	29°16	2°23	14° 1	19° 3	12° 0	10°16	20°38	14°39		
F 9	7 13 10	18°38'45	6♁49	28°12	20°26	23°13	18° 7	29°17	2°20	14° 1	19° 2	11°57	10°13	20°44	14°46		
S 10	7 17 6	19°39'52	18°56	29°53	21°40	23°45	18° 1	29°18	2°18	14° 2	19° 0	11°52	10°10	20°51	14°52		
S 11	7 21 3	20°40'58	0♁56	1♁33	22°54	24°18	17°55	29°19	2°15	14° 3	18°59	11°46	10° 7	20°58	14°59		
M12	7 25 0	21°42'04	12°52	3°14	24° 8	24°50	17°49	29°20	2°13	14° 3	18°58	11°38	10° 4	21° 4	15° 5		
T 13	7 28 56	22°43'09	24°45	4°54	25°21	25°22	17°44	29°21	2°10	14° 4	18°57	11°30	10° 0	21°11	15°11		
W14	7 32 53	23°44'15	6♁36	6°34	26°35	25°55	17°39	29°23	2° 7	14° 4	18°55	11°22	9°57	21°18	15°17		
T 15	7 36 49	24°45'19	18°29	8°13	27°49	26°27	17°33	29°24	2° 5	14° 5	18°54	11°15	9°54	21°25	15°23		
F 16	7 40 46	25°46'23	0♁26	9°52	29° 2	27° 0	17°28	29°26	2° 2	14° 6	18°53	11°10	9°51	21°31	15°29		
S 17	7 44 42	26°47'27	12°32	11°30	0♁16	27°33	17°24	29°28	2° 0	14° 7	18°51	11° 6	9°48	21°38	15°35		
S 18	7 48 39	27°48'30	24°50	13° 6	1°29	28° 6	17°19	29°29	1°57	14° 7	18°50	11°D 5	9°44	21°45	15°41		
M19	7 52 35	28°49'33	7♁26	14°41	2°43	28°39	17°15	29°31	1°54	14° 8	18°49	11° 5	9°41	21°51	15°47		
T 20	7 56 32	29°50'35	20°24	16°13	3°56	29°12	17°10	29°34	1°52	14° 9	18°47	11° 6	9°38	21°58	15°53		
W21	8 0 29	0♁51'37	3♁48	17°43	5° 9	29°46	17° 6	29°36	1°49	14°10	18°46	11° 8	9°35	22° 5	15°59		
T 22	8 4 25	1°52'39	17°40	19°11	6°23	0♁19	17° 2	29°38	1°47	14°11	18°45	11°R 8	9°32	22°12	16° 5		
F 23	8 8 22	2°53'40	2♁ 1	20°34	7°36	0°53	16°59	29°40	1°44	14°12	18°43	11° 6	9°29	22°18	16°10		
S 24	8 12 18	3°54'40	16°48	21°54	8°49	1°26	16°55	29°43	1°41	14°13	18°42	11° 1	9°25	22°25	16°16		
S 25	8 16 15	4°55'39	1♁54	23° 8	10° 2	2° 0	16°52	29°46	1°39	14°14	18°40	10°55	9°22	22°32	16°22		
M26	8 20 11	5°56'37	17°10	24°17	11°15	2°34	16°49	29°48	1°36	14°15	18°39	10°47	9°19	22°39	16°27		
T 27	8 24 8	6°57'34	2♁26	25°19	12°28	3° 8	16°46	29°51	1°33	14°16	18°37	10°38	9°16	22°45	16°33		
W28	8 28 5	7°58'30	17°29	26°15	13°41	3°42	16°43	29°54	1°31	14°17	18°36	10°29	9°13	22°52	16°38		
T 29	8 32 1	8°59'25	2♁12	27° 2	14°54	4°16	16°40	29°57	1°28	14°18	18°35	10°22	9°10	22°59	16°43		
F 30	8 35 58	10° 0'18	16°29	27°40	16° 7	4°51	16°38	0♁ 0	1°26	14°20	18°33	10°17	9° 6	23° 5	16°48		
S 31	8 39 54	11° 1'09	0♁18	28° 9	17°20	5♁25	16°36	0♁ 3	1°23	14°21	18°32	10°15	9♁ 3	23°12	16°54		

Delta T = 7.86 sec.

Greg. Calendar

FEBRUARY 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	8 43 51	12♁2'00	13♄40	28♁28	18♁32	6♁ 0	16°R34	0♁ 7	1°R20	14♄22	18°R30	10°D14	9♁ 0	23♁19	16♁59		
M 2	8 47 47	13° 2'48	26°38	28°R36	19°45	6°34	16♁32	0°10	1♁18	14°23	18♁29	10°D15	8°57	23°26	17° 4		
T 3	8 51 44	14° 3'36	9♁16	28°33	20°57	7° 9	16°31	0°14	1°15	14°25	18°27	10°R15	8°54	23°32	17° 9		
W 4	8 55 40	15° 4'21	21°39	28°20	22°10	7°43	16°29	0°17	1°13	14°26	18°26	10°14	8°50	23°39	17°14		
T 5	8 59 37	16° 5'06	3♁50	27°55	23°22	8°18	16°28	0°21	1°10	14°27	18°24	10°12	8°47	23°46	17°18		
F 6	9 3 34	17° 5'48	15°53	27°21	24°34	8°53	16°27	0°25	1° 8	14°29	18°23	10° 6	8°44	23°52	17°23		
S 7	9 7 30	18° 6'30	27°50	26°37	25°46	9°28	16°26	0°29	1° 5	14°30	18°22	9°58	8°41	23°59	17°28		
S 8	9 11 27	19° 7'10	9♁44	25°44	26°58	10° 3	16°26	0°33	1° 3	14°32	18°20	9°47	8°38	24° 6	17°32		
M 9	9 15 23	20° 7'48	21°37	24°45	28°10	10°38	16°26	0°37	1° 0	14°33	18°19	9°34	8°35	24°13	17°37		
T 10	9 19 20	21° 8'25	3♁29	23°41	29°22	11°13	16°D25	0°41	0°58	14°35	18°17	9°20	8°31	24°19	17°41		
W11	9 23 16	22° 9'00	15°23	22°34	0♁34	11°48	16°26	0°45	0°56	14°36	18°16	9° 6	8°28	24°26	17°46		
T 12	9 27 13	23° 9'34	27°19	21°25	1°46	12°23	16°26	0°49	0°53	14°38	18°14	8°54	8°25	24°33	17°50		
F 13	9 31 9	24°10'07	9♁20	20°16	2°57	12°58	16°26	0°54	0°51	14°39	18°13	8°44	8°22	24°39	17°54		
S 14	9 35 6	25°10'38	21°28	19°10	4° 9	13°34	16°27	0°58	0°49	14°41	18°11	8°36	8°19	24°46	17°58		
S 15	9 39 3	26°11'08	3♁47	18° 7	5°20	14° 9	16°28	1° 3	0°46	14°42	18°10	8°32	8°16	24°53	18° 2		
M16	9 42 59	27°11'36	16°20	17° 9	6°31	14°44	16°29	1° 8	0°44	14°44	18° 8	8°30	8°12	25° 0	18° 6		
T 17	9 46 56	28°12'04	29°12	16°16	7°43	15°20	16°30	1°12	0°42	14°46	18° 7	8°D29	8° 9	25° 6	18°10		
W18	9 50 52	29°12'30	12♁27	15°30	8°54	15°55	16°32	1°17	0°40	14°47	18° 5	8°R29	8° 6	25°13	18°14		
T 19	9 54 49	0♁12'54	26° 8	14°52	10° 5	16°31	16°33	1°22	0°37	14°49	18° 4	8°29	8° 3	25°20	18°18		
F 20	9 58 45	1°13'18	10♁18	14°20	11°15	17° 6	16°35	1°27	0°35	14°51	18° 3	8°26	8° 0	25°26	18°22		
S 21	10 2 42	2°13'40	24°55	13°56	12°26	17°42	16°37	1°32	0°33	14°53	18° 1	8°20	7°56	25°33	18°25		
S 22	10 6 38	3°14'00	9♁56	13°39	13°37	18°18	16°39	1°37	0°31	14°54	18° 0	8°12	7°53	25°40	18°29		
M23	10 10 35	4°14'19	25°12	13°29	14°47	18°54	16°42	1°43	0°29	14°56	17°58	8° 1	7°50	25°47	18°32		
T 24	10 14 32	5°14'36	10♁33	13°D26	15°58	19°29	16°45	1°48	0°27	14°58	17°57	7°50	7°47	25°53	18°35		
W25	10 18 28	6°14'51	25°47	13°30	17° 8	20° 5	16°47	1°53	0°25	15° 0	17°56	7°38	7°44	26° 0	18°38		
T 26	10 22 25	7°15'04	10♁43	13°40	18°18	20°41	16°50	1°59	0°23	15° 2	17°54	7°29	7°41	26° 7	18°42		
F 27	10 26 21	8°15'15	25°13	13°56	19°28	21°17	16°54	2° 4	0°21	15° 4	17°53	7°21	7°37	26°14	18°45		
S 28	10 30 18	9°15'24	9♁13	14♁17	20♁38	21♁53	16°57	2♁10	0°19	15° 6	17°52	7°17	7♁34	26°20	18°47		

Delta T = 7.87 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1705

MARCH 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	10 34 14	10♋15'31	22♉44	14♋43	21♉48	22♉29	17♏11	2♉15	0°R17	15♉8	17°R50	7°R15	7♏31	26♏27	18♉50								
M 2	10 38 11	11°15'36	5♏47	15°15	22°57	23° 5	17° 4	2°21	0♏16	15° 9	17♏49	7♏15	7°28	26°34	18°53								
T 3	10 42 7	12°15'39	18°26	15°50	24° 7	23°41	17° 8	2°27	0°14	15°11	17°48	7°15	7°25	26°40	18°56								
W 4	10 46 4	13°15'39	0♉47	16°30	25°16	24°17	17°12	2°33	0°12	15°13	17°46	7°14	7°21	26°47	18°58								
T 5	10 50 1	14°15'38	12°54	17°14	26°25	24°53	17°17	2°39	0°10	15°15	17°45	7°11	7°18	26°54	19° 1								
F 6	10 53 57	15°15'34	24°51	18° 1	27°34	25°30	17°21	2°45	0° 9	15°17	17°44	7° 5	7°15	27° 1	19° 3								
S 7	10 57 54	16°15'28	6♏44	18°52	28°43	26° 6	17°26	2°51	0° 7	15°19	17°42	6°57	7°12	27° 7	19° 5								
S 8	11 1 50	17°15'20	18°35	19°46	29°51	26°42	17°31	2°57	0° 6	15°22	17°41	6°46	7° 9	27°14	19° 8								
M 9	11 5 47	18°15'10	0♏27	20°43	1♉ 0	27°18	17°36	3° 3	0° 4	15°24	17°40	6°33	7° 6	27°21	19°10								
T 10	11 9 43	19°14'58	12°21	21°43	2° 8	27°55	17°41	3° 9	0° 3	15°26	17°39	6°18	7° 2	27°27	19°12								
W 11	11 13 40	20°14'44	24°20	22°45	3°16	28°31	17°46	3°16	0° 1	15°28	17°37	6° 4	6°59	27°34	19°14								
T 12	11 17 36	21°14'27	6♏23	23°50	4°24	29° 7	17°52	3°22	29♉59	15°30	17°36	5°52	6°56	27°41	19°15								
F 13	11 21 33	22°14'09	18°33	24°57	5°32	29°44	17°57	3°28	29°59	15°32	17°35	5°41	6°53	27°48	19°17								
S 14	11 25 29	23°13'49	0♏51	26° 6	6°39	0♏20	18° 3	3°35	29°57	15°34	17°34	5°34	6°50	27°54	19°19								
S 15	11 29 26	24°13'27	13°18	27°18	7°46	0°56	18° 9	3°41	29°56	15°36	17°33	5°29	6°47	28° 1	19°20								
M 16	11 33 23	25°13'03	25°58	28°31	8°53	1°33	18°15	3°48	29°55	15°38	17°32	5°27	6°43	28° 8	19°22								
T 17	11 37 19	26°12'38	8♉52	29°47	10° 0	2° 9	18°21	3°55	29°54	15°40	17°31	5°D27	6°40	28°15	19°23								
W 18	11 41 16	27°12'11	2° 5	1♉ 4	11° 7	2°46	18°28	4° 1	29°53	15°43	17°30	5°R27	6°37	28°21	19°24								
T 19	11 45 12	28°11'42	5♉40	2°23	12°14	3°22	18°35	4° 8	29°52	15°45	17°29	5°27	6°34	28°28	19°25								
F 20	11 49 9	29°11'12	19°38	3°44	13°20	3°59	18°41	4°15	29°51	15°47	17°27	5°25	6°31	28°35	19°26								
S 21	11 53 5	0♏10'39	3♋59	5° 6	14°26	4°35	18°48	4°22	29°50	15°49	17°26	5°21	6°27	28°41	19°27								
S 22	11 57 2	1°10'05	18°42	6°30	15°32	5°12	18°55	4°28	29°49	15°51	17°25	5°15	6°24	28°48	19°28								
M 23	12 0 58	2° 9'29	3♉42	7°56	16°37	5°48	19° 2	4°35	29°48	15°54	17°24	5° 6	6°21	28°55	19°29								
T 24	12 4 55	3° 8'51	18°49	9°23	17°43	6°25	19°10	4°42	29°47	15°56	17°24	4°57	6°18	29° 2	19°30								
W 25	12 8 52	4° 8'11	3♉53	10°52	18°48	7° 1	19°17	4°49	29°47	15°58	17°23	4°47	6°15	29° 8	19°30								
T 26	12 12 48	5° 7'29	18°45	12°22	19°53	7°38	19°25	4°56	29°46	16° 0	17°22	4°39	6°12	29°15	19°31								
F 27	12 16 45	6° 6'45	3♉17	13°54	20°57	8°15	19°33	5° 3	29°45	16° 3	17°21	4°33	6° 8	29°22	19°31								
S 28	12 20 41	7° 5'59	17°22	15°27	22° 2	8°51	19°41	5°10	29°45	16° 5	17°20	4°30	6° 5	29°28	19°31								
S 29	12 24 38	8° 5'10	0♏59	17° 2	23° 6	9°28	19°49	5°17	29°44	16° 7	17°19	4°D28	6° 2	29°35	19°31								
M 30	12 28 34	9° 4'19	14° 9	18°38	24° 9	10° 5	19°57	5°25	29°44	16° 9	17°18	4°29	5°59	29°42	19°R31								
T 31	12 32 31	10♏3'26	26♏54	20♉15	25♉13	10♏42	20♏5	5♉32	29♉43	16♏12	17♏18	4♏29	5♏56	29♏49	19♉31								

Delta T = 7.87 sec.

Greg. Calendar

APRIL 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	12 36 27	11♏2'31	9♉19	21♉54	26♉16	11♏18	20♏13	5♉39	29°R43	16♏14	17°R17	4°R30	5♏53	29♏55	19°R31								
T 2	12 40 24	12° 1'33	21°28	23°35	27°19	11°55	20°22	5°46	29♉43	16°16	17♏16	4♏30	5°49	0♏2	19♉31								
F 3	12 44 21	13° 0'33	3♏26	25°17	28°21	12°32	20°31	5°54	29°42	16°18	17°15	4°27	5°46	0° 9	19°31								
S 4	12 48 17	13°59'31	15°19	27° 0	29°24	13° 9	20°40	6° 1	29°42	16°21	17°15	4°23	5°43	0°16	19°30								
S 5	12 52 14	14°58'26	27°10	28°45	0♏25	13°45	20°48	6° 8	29°42	16°23	17°14	4°16	5°40	0°22	19°30								
M 6	12 56 10	15°57'19	9♏3	0♏31	1°27	14°22	20°57	6°16	29°42	16°25	17°13	4° 8	5°37	0°29	19°29								
T 7	13 0 7	16°56'10	21° 1	2°19	2°28	14°59	21° 7	6°23	29°D42	16°27	17°13	3°59	5°33	0°36	19°28								
W 8	13 4 3	17°54'59	3♏6	4° 8	3°29	15°36	21°16	6°31	29°42	16°30	17°12	3°50	5°30	0°42	19°27								
T 9	13 8 0	18°53'45	15°19	5°59	4°29	16°13	21°25	6°38	29°42	16°32	17°11	3°42	5°27	0°49	19°26								
F 10	13 11 56	19°52'30	27°42	7°52	5°29	16°49	21°35	6°46	29°42	16°34	17°11	3°36	5°24	0°56	19°25								
S 11	13 15 53	20°51'13	10♏15	9°46	6°29	17°26	21°44	6°53	29°42	16°36	17°10	3°31	5°21	1° 3	19°24								
S 12	13 19 49	21°49'53	22°58	11°41	7°28	18° 3	21°54	7° 1	29°43	16°39	17°10	3°29	5°18	1° 9	19°23								
M 13	13 23 46	22°48'32	5♉54	13°38	8°26	18°40	22° 4	7° 8	29°43	16°41	17° 9	3°D28	5°14	1°16	19°22								
T 14	13 27 43	23°47'10	19° 2	15°37	9°25	19°17	22°14	7°16	29°43	16°43	17° 9	3°29	5°11	1°23	19°21								
W 15	13 31 39	24°45'46	2♉25	17°37	10°22	19°54	22°24	7°23	29°44	16°45	17° 9	3°31	5° 8	1°29	19°19								
T 16	13 35 36	25°44'20	16° 4	19°38	11°20	20°30	22°34	7°31	29°44	16°48	17° 8	3°32	5° 5	1°36	19°18								
F 17	13 39 32	26°42'52	29°58	21°41	12°16	21° 7	22°44	7°38	29°45	16°50	17° 8	3°R32	5° 2	1°43	19°16								
S 18	13 43 29	27°41'23	14♋9	23°45	13°13	21°44	22°54	7°46	29°45	16°52	17° 8	3°31	4°58	1°50	19°14								
S 19	13 47 25	28°39'52	28°34	25°50	14° 9	22°21	23° 5	7°54	29°46	16°54	17° 7	3°28	4°55	1°56	19°12								
M 20	13 51 22	29°38'19	13♉11	27°56	15° 4	22°58	23°15	8° 1	29°46	16°57	17° 7	3°25	4°52	2° 3	19°10								
T 21	13 55 19	0♉36'45	27°53	0♉ 4	15°59	23°35	23°26	8° 9	29°47	16°59	17° 7	3°20	4°49	2°10	19° 8								
W 22	13 59 15	1°35'09	12♏33	2°12	16°53	24°12	23°37	8°17	29°48	17° 1	17° 7	3°15	4°46	2°17	19° 6								
T 23	14 3 12	2°33'32	27° 6	4°20	17°46	24°49	23°47	8°24	29°49	17° 3	17° 6	3°11	4°43	2°23	19° 4								
F 24	14 7 8	3°31'52	11♉23	6°29	18°39	25°26	23°58	8°32	29°50	17° 6	17° 6	3° 8	4°39	2°30	19° 2								
S 25	14 11 5	4°30'11	25°20	8°38	19°31	26° 3	24° 9	8°40	29°51	17° 8	17° 6	3° 7	4°36	2°37	19° 0								
S 26	14 15 1	5°28'28	8♏54	10°47	20°23	26°40	24°20	8°47	29°52	17°10	17° 6	3°D 7	4°33	2°43	18°57								
M 27	14 18 58	6°26'43	22° 4	12°56	21°14	27°17	24°32	8°55	29°53	17°12	17° 6	3° 7	4°30	2°50	18°55								
T 28	14 22 54	7°24'56	4♉52	15° 3	22° 4	27°54	24°43	9° 3	29°54	17°14	17° 6	3° 9	4°27	2°57	18°52								
W 29	14 26 51	8°23'07	17°21	17°10	22°53	28°31	24°54	9°11	29°55	17°16	17°D 6	3°11	4°24	3° 4	18°50								
T 30	14 30 48	9♉21'16	29♉33	19♉15	23♏42	29♏8	25♏5	9♉18	29♉56	17♏19	17♏6	3♏12	4♏20	3♏10	18♉47								

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SWISS EPHEMERIS for the year 1705

MAY 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	14 34 44	10♈19'23	11♏34	21♌19	24♐30	29♑45	25♒17	9♃26	29♃57	17♄21	17♅6	3♆R12	4♇17	3♈17	18♉R44		
S 2	14 38 41	11°17'28	23°29	23°20	25°17	0♄22	25°28	9°34	29°59	17°23	17°6	3♆II12	4°14	3°24	18♊R41		
S 3	14 42 37	12°15'32	5♎22	25°20	26°3	0°59	25°40	9°41	29°59	17°25	17°6	3°10	4°11	3°31	18°39		
M 4	14 46 34	13°13'33	17°17	27°17	26°48	1°36	25°52	9°49	0♅1	17°27	17°6	3°8	4°8	3°37	18°36		
T 5	14 50 30	14°11'32	29°18	29°11	27°33	2°13	26°3	9°57	0°3	17°29	17°6	3°5	4°4	3°44	18°33		
W 6	14 54 27	15°9'30	11♌29	1♐3	28°16	2°50	26°15	10°4	0°4	17°31	17°7	3°2	4°1	3°51	18°29		
T 7	14 58 23	16°7'25	23°51	2°51	28°58	3°27	26°27	10°12	0°6	17°33	17°7	2°59	3°58	3°57	18°26		
F 8	15 2 20	17°5'20	6♎27	4°37	29°40	4°4	26°39	10°20	0°7	17°35	17°7	2°57	3°55	4°4	18°23		
S 9	15 6 16	18°3'12	19°17	6°19	0♄20	4°41	26°51	10°28	0°9	17°37	17°7	2°56	3°52	4°11	18°20		
S 10	15 10 13	19°1'03	2♌22	7°58	0°59	5°18	27°3	10°35	0°11	17°39	17°8	2°D56	3°49	4°18	18°16		
M11	15 14 10	19°58'53	15°40	9°34	1°37	5°55	27°15	10°43	0°12	17°41	17°8	2°56	3°45	4°24	18°13		
T 12	15 18 6	20°56'42	29°12	11°6	2°13	6°32	27°27	10°50	0°14	17°43	17°8	2°57	3°42	4°31	18°10		
W13	15 22 3	21°54'29	12♌35	12°35	2°49	7°9	27°40	10°58	0°16	17°45	17°9	2°58	3°39	4°38	18°6		
T 14	15 25 59	22°52'15	26°49	14°0	3°23	7°46	27°52	11°6	0°18	17°47	17°9	2°59	3°36	4°44	18°3		
F 15	15 29 56	23°50'00	10♌53	15°21	3°55	8°23	28°4	11°13	0°20	17°49	17°9	2°59	3°33	4°51	17°59		
S 16	15 33 52	24°47'44	25°3	16°39	4°27	9°0	28°17	11°21	0°22	17°51	17°10	3°R0	3°30	4°58	17°55		
S 17	15 37 49	25°45'26	9♌19	17°53	4°57	9°37	28°29	11°28	0°24	17°53	17°10	2°59	3°26	5°5	17°52		
M18	15 41 46	26°43'08	23°36	19°4	5°25	10°14	28°42	11°36	0°26	17°55	17°11	2°59	3°23	5°11	17°48		
T 19	15 45 42	27°40'48	7♌54	20°10	5°52	10°51	28°54	11°44	0°28	17°57	17°11	2°58	3°20	5°18	17°44		
W20	15 49 39	28°38'28	22°6	21°13	6°17	11°29	29°7	11°51	0°30	17°58	17°12	2°58	3°17	5°25	17°40		
T 21	15 53 35	29°36'06	6♌10	22°11	6°40	12°6	29°19	11°59	0°32	18°0	17°13	2°57	3°14	5°32	17°36		
F 22	15 57 32	0♐33'44	20°3	23°6	7°2	12°43	29°32	12°6	0°34	18°2	17°13	2°57	3°10	5°38	17°32		
S 23	16 1 28	1°31'20	3♐40	23°57	7°22	13°20	29°45	12°13	0°37	18°4	17°14	2°D57	3°7	5°45	17°28		
S 24	16 5 25	2°28'55	17°1	24°43	7°40	13°57	29°58	12°21	0°39	18°5	17°15	2°R57	3°4	5°52	17°25		
M25	16 9 21	3°26'29	0♄2	25°25	7°56	14°34	0♄11	12°28	0°41	18°7	17°15	2°57	3°1	5°58	17°21		
T 26	16 13 18	4°24'02	12°46	26°3	8°11	15°11	0°23	12°36	0°44	18°9	17°16	2°57	2°58	6°5	17°17		
W27	16 17 15	5°21'33	25°14	26°37	8°23	15°48	0°36	12°43	0°46	18°11	17°17	2°57	2°55	6°12	17°12		
T 28	16 21 11	6°19'04	7♎27	27°6	8°33	16°26	0°49	12°50	0°49	18°12	17°18	2°56	2°51	6°19	17°8		
F 29	16 25 8	7°16'32	19°29	27°30	8°41	17°3	1°2	12°58	0°51	18°14	17°18	2°56	2°48	6°25	17°4		
S 30	16 29 4	8°14'00	1♎25	27°50	8°46	17°40	1°15	13°5	0°54	18°16	17°19	2°56	2°45	6°32	17°0		
S 31	16 33 1	9♐11'26	13♎18	28♐6	8♄50	18♄17	1♄28	13♃12	0♅56	18♄17	17♅20	2°D56	2♐42	6♎39	16♊56		

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Greg. Calendar

JUNE 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	16 36 57	10♐8'51	25♎14	28♐16	8°R51	18♄54	1♄42	13♃19	0♅59	18♄19	17♅21	2♐56	2♐39	6♎46	16°R52		
T 2	16 40 54	11°6'15	7♌16	28°22	8♄49	19°31	1°55	13°26	1°1	18°20	17°22	2°57	2°36	6°52	16♊R48		
W 3	16 44 50	12°3'38	19°30	28°R24	8°46	20°9	2°8	13°34	1°4	18°22	17°23	2°58	2°32	6°59	16°44		
T 4	16 48 47	13°1'00	1♎58	28°21	8°40	20°46	2°21	13°41	1°7	18°23	17°24	2°58	2°29	7°6	16°39		
F 5	16 52 44	13°58'21	14°43	28°13	8°31	21°23	2°34	13°48	1°10	18°25	17°25	2°59	2°26	7°12	16°35		
S 6	16 56 40	14°55'40	27°48	28°2	8°20	22°0	2°48	13°55	1°12	18°26	17°26	3°R0	2°23	7°19	16°31		
S 7	17 0 37	15°53'00	11♌12	27°46	8°7	22°37	3°1	14°2	1°15	18°28	17°27	3°0	2°20	7°26	16°27		
M 8	17 4 33	16°50'18	24°55	27°27	7°51	23°15	3°14	14°9	1°18	18°29	17°28	2°59	2°16	7°33	16°23		
T 9	17 8 30	17°47'36	8♌54	27°4	7°33	23°52	3°27	14°15	1°21	18°30	17°29	2°58	2°13	7°39	16°18		
W10	17 12 26	18°44'53	23°4	26°38	7°13	24°29	3°41	14°22	1°24	18°32	17°30	2°56	2°10	7°46	16°14		
T 11	17 16 23	19°42'09	7♎23	26°9	6°50	25°6	3°54	14°29	1°27	18°33	17°31	2°54	2°7	7°53	16°10		
F 12	17 20 19	20°39'26	21°45	25°38	6°25	25°43	4°8	14°36	1°30	18°34	17°32	2°52	2°4	7°59	16°6		
S 13	17 24 16	21°36'42	6♌6	25°6	5°59	26°21	4°21	14°43	1°33	18°36	17°33	2°50	2°1	8°6	16°2		
S 14	17 28 13	22°33'57	20°23	24°32	5°30	26°58	4°34	14°49	1°36	18°37	17°35	2°D50	1°57	8°13	15°58		
M15	17 32 9	23°31'12	4♌32	23°58	5°0	27°35	4°48	14°56	1°39	18°38	17°36	2°50	1°54	8°20	15°54		
T 16	17 36 6	24°28'28	18°32	23°24	4°28	28°12	5°1	15°2	1°42	18°39	17°37	2°51	1°51	8°26	15°49		
W17	17 40 2	25°25'43	2♌21	22°50	3°54	28°50	5°15	15°9	1°45	18°40	17°38	2°52	1°48	8°33	15°45		
T 18	17 43 59	26°22'57	15°59	22°17	3°20	29°27	5°28	15°15	1°48	18°41	17°40	2°54	1°45	8°40	15°41		
F 19	17 47 55	27°20'12	29°25	21°47	2°44	0♅4	5°42	15°22	1°52	18°43	17°41	2°R54	1°42	8°47	15°37		
S 20	17 51 52	28°17'27	12♐39	21°18	2°7	0°42	5°55	15°28	1°55	18°44	17°42	2°54	1°38	8°53	15°33		
S 21	17 55 48	29°14'41	25°39	20°52	1°30	1°19	6°9	15°35	1°58	18°45	17°44	2°53	1°35	9°0	15°29		
M22	17 59 45	0♄11'55	8♄26	20°30	0°53	1°56	6°22	15°41	2°1	18°46	17°45	2°50	1°32	9°7	15°25		
T 23	18 3 42	1°9'09	20°59	20°11	0°16	2°34	6°36	15°47	2°5	18°47	17°46	2°46	1°29	9°13	15°21		
W24	18 7 38	2°6'22	3♎20	19°56	29♐38	3°11	6°49	15°53	2°8	18°48	17°48	2°41	1°26	9°20	15°17		
T 25	18 11 35	3°3'35	15°29	19°45	29°1	3°48	7°3	15°59	2°11	18°49	17°49	2°36	1°22	9°27	15°14		
F 26	18 15 31	4°0'48	27°30	19°38	28°25	4°26	7°17	16°5	2°15	18°49	17°51	2°31	1°19	9°34	15°10		
S 27	18 19 28	4°58'00	9♎25	19°D37	27°49	5°3	7°30	16°11	2°18	18°50	17°52	2°27	1°16	9°40	15°6		
S 28	18 23 24	5°55'12	21°17	19°40	27°15	5°40	7°44	16°17	2°21	18°51	17°54	2°25	1°13	9°47	15°2		
M29	18 27 21	6°52'24	3♌11	19°48	26°41	6°18	7°57	16°23	2°25	18°52	17°55	2°D24	1°10	9°54	14°59		
T 30	18 31 17	7♄49'35	15♌12	20♐0	26♐9	6♄55	8♄11	16♃29	2♅28	18♄53	17♅57	2♐24	1♐7	10♎1	14♊55		

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SWISS EPHEMERIS for the year 1705

JULY 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
W 1	18 35 14	8 ^h 46'46"	27 ^h 25'	20 ^h 18'	25°R39	7 ^h 03'33"	8 ^h 24'	16 ^h 35'	2 ^h 03'32"	18 ^h 53'	17 ^h 05'58"	2 ^h 25'	1 ^h 11'3"	10 ^h 07'7"	14°R51
T 2	18 39 11	9°43'57"	9 ^h 33'	20°41'	25 ^h 11'10"	8°10'	8°38'	16°40'	2°35'	18°54'	18° 0'	2°27'	1° 0'	10°14'	14 ^h 48'
F 3	18 43 7	10°41'07"	22°42'	21° 9'	24°44'	8°48'	8°52'	16°46'	2°39'	18°55'	18° 1'	2°28'	0°57'	10°21'	14°44'
S 4	18 47 4	11°38'18"	5 ^h 27'54"	21°42'	24°19'	9°25'	9° 5'	16°51'	2°42'	18°55'	18° 3'	2°R28	0°54'	10°27'	14°41'
S 5	18 51 0	12°35'29"	19°31'	22°20'	23°57'	10° 2'	9°19'	16°57'	2°46'	18°56'	18° 4'	2°27'	0°51'	10°34'	14°37'
M 6	18 54 57	13°32'39"	3 ^h 33'	23° 3'	23°36'	10°40'	9°32'	17° 2'	2°49'	18°56'	18° 6'	2°24'	0°48'	10°41'	14°34'
T 7	18 58 53	14°29'50"	17°55'	23°51'	23°18'	11°17'	9°46'	17° 8'	2°53'	18°57'	18° 8'	2°19'	0°44'	10°48'	14°31'
W 8	19 2 50	15°27'01"	2 ^h 32'	24°44'	23° 3'	11°55'	9°59'	17°13'	2°56'	18°58'	18° 9'	2°13'	0°41'	10°54'	14°27'
T 9	19 6 47	16°24'13"	17°18'	25°41'	22°49'	12°32'	10°13'	17°18'	3° 0'	18°58'	18°11'	2° 7'	0°38'	11° 1'	14°24'
F 10	19 10 43	17°21'24"	2 ^h 5'	26°43'	22°39'	13°10'	10°26'	17°23'	3° 3'	18°58'	18°13'	2° 1'	0°35'	11° 8'	14°21'
S 11	19 14 40	18°18'37"	16°45'	27°50'	22°30'	13°47'	10°40'	17°28'	3° 7'	18°59'	18°14'	1°56'	0°32'	11°14'	14°18'
S 12	19 18 36	19°15'49"	1 ^h 12'	29° 2'	22°24'	14°25'	10°53'	17°33'	3°11'	18°59'	18°16'	1°52'	0°28'	11°21'	14°15'
M13	19 22 33	20°13'03"	15°23'	0 ^h 17'	22°20'	15° 2'	11° 7'	17°38'	3°14'	19° 0'	18°18'	1°D51	0°25'	11°28'	14°12'
T 14	19 26 29	21°10'17"	29°16'	1°38'	22°D19	15°40'	11°20'	17°43'	3°18'	19° 0'	18°19'	1°51'	0°22'	11°35'	14° 9'
W15	19 30 26	22° 7'32"	12 ^h 52'	3° 3'	22°20'	16°18'	11°34'	17°48'	3°21'	19° 0'	18°21'	1°52'	0°19'	11°41'	14° 7'
T 16	19 34 22	23° 4'48"	26°12'	4°32'	22°23'	16°55'	11°47'	17°52'	3°25'	19° 0'	18°23'	1°R53	0°16'	11°48'	14° 4'
F 17	19 38 19	24° 2'05"	9 ^h 17'	6° 5'	22°29'	17°33'	12° 0'	17°57'	3°29'	19° 1'	18°25'	1°53'	0°13'	11°55'	14° 1'
S 18	19 42 16	24°59'22"	22° 9'	7°42'	22°37'	18°10'	12°14'	18° 2'	3°32'	19° 1'	18°26'	1°51'	0° 9'	12° 2'	13°59'
S 19	19 46 12	25°56'40"	4 ^h 49'	9°23'	22°47'	18°48'	12°27'	18° 6'	3°36'	19° 1'	18°28'	1°47'	0° 6'	12° 8'	13°56'
M20	19 50 9	26°53'59"	17°19'	11° 7'	22°59'	19°26'	12°41'	18°10'	3°40'	19° 1'	18°30'	1°40'	0° 3'	12°15'	13°54'
T 21	19 54 5	27°51'19"	29°39'	12°55'	23°13'	20° 3'	12°54'	18°15'	3°43'	19° 1'	18°32'	1°31'	29 ^h 59'	12°22'	13°51'
W22	19 58 2	28°48'39"	11 ^h 05'	14°46'	23°29'	20°41'	13° 7'	18°19'	3°47'	19° 1'	18°33'	1°21'	29°57'	12°28'	13°49'
T 23	20 1 58	29°46'00"	23°53'	16°40'	23°46'	21°19'	13°20'	18°23'	3°51'	19°R 1	18°35'	1°10'	29°54'	12°35'	13°47'
F 24	20 5 55	0 ^h 43'21"	5 ^h 05'	18°37'	24° 6'	21°56'	13°34'	18°27'	3°55'	19° 1'	18°37'	1° 0'	29°50'	12°42'	13°45'
S 25	20 9 51	1°40'43"	17°42'	20°36'	24°27'	22°34'	13°47'	18°31'	3°58'	19° 1'	18°39'	0°51'	29°47'	12°49'	13°43'
S 26	20 13 48	2°38'05"	29°33'	22°36'	24°51'	23°12'	14° 0'	18°35'	4° 2'	19° 1'	18°41'	0°43'	29°44'	12°55'	13°41'
M27	20 17 45	3°35'29"	11 ^h 25'	24°38'	25°15'	23°50'	14°13'	18°38'	4° 6'	19° 1'	18°43'	0°39'	29°41'	13° 2'	13°39'
T 28	20 21 41	4°32'52"	23°24'	26°42'	25°42'	24°27'	14°26'	18°42'	4° 9'	19° 1'	18°44'	0°36'	29°38'	13° 9'	13°37'
W29	20 25 38	5°30'17"	5 ^h 34'	28°46'	26°10'	25° 5'	14°39'	18°46'	4°13'	19° 1'	18°46'	0°D36	29°34'	13°15'	13°36'
T 30	20 29 34	6°27'42"	17°59'	0 ^h 51'	26°39'	25°43'	14°52'	18°49'	4°17'	19° 0'	18°48'	0°36'	29°31'	13°22'	13°34'
F 31	20 33 31	7 ^h 25'07"	0 ^h 46'	2 ^h 56'	27 ^h 10'	26 ^h 21'	15 ^h 5'	18 ^h 52'	4 ^h 20'	19 ^h 0'	18 ^h 50'	0°R36	29 ^h 28'	13 ^h 29'	13 ^h 32'

Delta T = 7.88 sec.

Greg. Calendar

AUGUST 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
S 1	20 37 27	8 ^h 02'23"	13 ^h 27'57"	5 ^h 01'	27 ^h 11'42"	26 ^h 05'59"	15 ^h 28'18"	18 ^h 56'	4 ^h 02'24"	19°R 0	18 ^h 05'52"	0°R36	29 ^h 25'	13 ^h 07'36"	13°R31
S 2	20 41 24	9°20'01"	27°37'	7° 6'	28°16'	27°36'	15°31'	18°59'	4°28'	18°59'	18°54'	0 ^h 11'33"	29°22'	13°42'	13 ^h 27'30"
M 3	20 45 20	10°17'29"	11 ^h 34'46"	9°10'	28°51'	28°14'	15°44'	19° 2'	4°32'	18°59'	18°56'	0°28'	29°19'	13°49'	13°28'
T 4	20 49 17	11°14'58"	26°21'	11°14'	29°27'	28°52'	15°57'	19° 5'	4°35'	18°59'	18°57'	0°20'	29°15'	13°56'	13°27'
W 5	20 53 14	12°12'28"	11 ^h 36'16"	13°17'	0 ^h 28'4"	29°30'	16°10'	19° 8'	4°39'	18°58'	18°59'	0°11'	29°12'	14° 2'	13°26'
T 6	20 57 10	13°10'00"	26°24'	15°19'	0°43'	0 ^h 07'8"	16°23'	19°11'	4°43'	18°58'	19° 1'	0° 1'	29° 9'	14° 9'	13°25'
F 7	21 1 7	14° 7'32"	11 ^h 33'	17°19'	1°23'	0°46'	16°35'	19°13'	4°46'	18°57'	19° 3'	29 ^h 51'	29° 6'	14°16'	13°24'
S 8	21 5 3	15° 5'05"	26°33'	19°19'	2° 3'	1°24'	16°48'	19°16'	4°50'	18°57'	19° 5'	29°43'	29° 3'	14°23'	13°23'
S 9	21 9 0	16° 2'40"	11 ^h 17'	21°17'	2°45'	2° 2'	17° 1'	19°19'	4°54'	18°56'	19° 7'	29°37'	29° 0'	14°29'	13°23'
M10	21 12 56	17° 0'16"	25°38'	23°14'	3°28'	2°40'	17°13'	19°21'	4°57'	18°56'	19° 9'	29°33'	28°56'	14°36'	13°22'
T 11	21 16 53	17°57'54"	9 ^h 35'	25° 9'	4°12'	3°18'	17°26'	19°23'	5° 1'	18°55'	19°11'	29°32'	28°53'	14°43'	13°21'
W12	21 20 49	18°55'34"	23° 9'	27° 3'	4°56'	3°56'	17°38'	19°26'	5° 5'	18°55'	19°13'	29°32'	28°50'	14°50'	13°21'
T 13	21 24 46	19°53'15"	6 ^h 11'20"	28°56'	5°42'	4°34'	17°51'	19°28'	5° 8'	18°54'	19°15'	29°31'	28°47'	14°56'	13°21'
F 14	21 28 43	20°50'58"	19°13'	0 ^h 07'47"	6°28'	5°12'	18° 3'	19°30'	5°12'	18°53'	19°16'	29°30'	28°44'	15° 3'	13°20'
S 15	21 32 39	21°48'42"	1 ^h 25'51"	2°37'	7°16'	5°50'	18°15'	19°32'	5°15'	18°53'	19°18'	29°27'	28°40'	15°10'	13°20'
S 16	21 36 36	22°46'28"	14°17'	4°26'	8° 4'	6°28'	18°28'	19°34'	5°19'	18°52'	19°20'	29°21'	28°37'	15°16'	13°D20
M17	21 40 32	23°44'16"	26°33'	6°13'	8°52'	7° 6'	18°40'	19°35'	5°23'	18°51'	19°22'	29°12'	28°34'	15°23'	13°20'
T 18	21 44 29	24°42'05"	8 ^h 04'41"	7°58'	9°42'	7°45'	18°52'	19°37'	5°26'	18°50'	19°24'	29° 0'	28°31'	15°30'	13°20'
W19	21 48 25	25°39'56"	20°42'	9°43'	10°32'	8°23'	19° 4'	19°38'	5°30'	18°49'	19°26'	28°47'	28°28'	15°37'	13°20'
T 20	21 52 22	26°37'48"	2 ^h 07'39"	11°26'	11°23'	9° 1'	19°16'	19°40'	5°33'	18°49'	19°28'	28°33'	28°25'	15°43'	13°21'
F 21	21 56 18	27°35'41"	14°32'	13° 7'	12°15'	9°39'	19°28'	19°41'	5°37'	18°48'	19°30'	28°19'	28°21'	15°50'	13°21'
S 22	22 0 15	28°33'36"	26°23'	14°47'	13° 7'	10°17'	19°40'	19°42'	5°40'	18°47'	19°32'	28° 7'	28°18'	15°57'	13°21'
S 23	22 4 12	29°31'32"	8 ^h 21'13"	16°26'	14° 0'	10°56'	19°52'	19°43'	5°44'	18°46'	19°33'	27°57'	28°15'	16° 3'	13°22'
M24	22 8 8	0 ^h 29'33"	20° 6'	18° 4'	14°53'	11°34'	20° 4'	19°44'	5°47'	18°45'	19°35'	27°50'	28°12'	16°10'	13°23'
T 25	22 12 5	1°27'29"	2 ^h 04'	19°40'	15°48'	12°12'	20°15'	19°45'	5°51'	18°44'	19°37'	27°45'	28° 9'	16°17'	13°23'
W26	22 16 1	2°25'29"	14°13'	21°15'	16°42'	12°51'	20°27'	19°46'	5°54'	18°43'	19°39'	27°44'	28° 5'	16°24'	13°24'
T 27	22 19 58	3°23'31"	26°35'	22°49'	17°37'	13°29'	20°39'	19°47'	5°57'	18°42'	19°41'	27°43'	28° 2'	16°30'	13°25'
F 28	22 23 54	4°21'35"	9 ^h 21'18"	24°21'	18°33'	14° 7'	20°50'	19°47'	6° 1'	18°41'	19°43'	27°43'	27°59'	16°37'	13°26'
S 29	22 27 51	5°19'39"	22°24'	25°52'	19°29'	14°46'	21° 1'	19°48'	6° 4'	18°40'	19°45'	27°42'	27°56'	16°44'	13°27'
S 30	22 31 47	6°17'46"	5 ^h 35'59"	27°22'	20°26'	15°24'	21°13'	19°48'	6° 7'	18°39'	19°46'	27°40'	27°53'	16°50'	13°29'
M31	22 35 44	7 ^h 15'53"	20 ^h 3'	28 ^h 05'	21 ^h 23'	16 ^h 07'3"	21 ^h 24'	19 ^h 48'	6 ^h 01'11"	18 ^h 37'37"	19 ^h 04'48"	27 ^h 35'	27 ^h 50'	16 ^h 57'	13 ^h 27'30"

Delta T = 7.88 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1705

SEPTEMBER 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	22 39 41	8 ^h 14'02	4 ^h 37	0 ^h 18	22 ^h 21	16 ^h 41	21 ^h 35	19 ^h 48	6 ^h 14	18 ^h R36	19 ^h 50	27 ^h R27	27 ^h 46	17 ^h 4	13 ^h 31
W 2	22 43 37	9 ^h 12'13	19 ^h 35	1 ^h 44	23 ^h 19	17 ^h 20	21 ^h 46	19 ^h R48	6 ^h 17	18 ^h Y35	19 ^h 52	27 ^h 18	27 ^h 43	17 ^h 11	13 ^h 33
T 3	22 47 34	10 ^h 10'25	4 ^h 50	3 ^h 8	24 ^h 17	17 ^h 58	21 ^h 57	19 ^h 48	6 ^h 21	18 ^h 34	19 ^h 54	27 ^h 7	27 ^h 40	17 ^h 17	13 ^h 34
F 4	22 51 30	11 ^h 8'39	20 ^h 10	4 ^h 31	25 ^h 16	18 ^h 37	22 ^h 8	19 ^h 48	6 ^h 24	18 ^h 33	19 ^h 56	26 ^h 57	27 ^h 37	17 ^h 24	13 ^h 36
S 5	22 55 27	12 ^h 6'54	5 ^h Y25	5 ^h 53	26 ^h 16	19 ^h 15	22 ^h 19	19 ^h 48	6 ^h 27	18 ^h 31	19 ^h 57	26 ^h 48	27 ^h 34	17 ^h 31	13 ^h 38
S 6	22 59 23	13 ^h 5'12	20 ^h 23	7 ^h 13	27 ^h 15	19 ^h 54	22 ^h 30	19 ^h 47	6 ^h 30	18 ^h 30	19 ^h 59	26 ^h 41	27 ^h 31	17 ^h 37	13 ^h 40
M 7	23 3 20	14 ^h 3'32	4 ^h 58	8 ^h 32	28 ^h 16	20 ^h 32	22 ^h 40	19 ^h 47	6 ^h 33	18 ^h 29	20 ^h 1	26 ^h 37	27 ^h 27	17 ^h 44	13 ^h 41
T 8	23 7 16	15 ^h 1'53	19 ^h 5	9 ^h 50	29 ^h 16	21 ^h 11	22 ^h 51	19 ^h 46	6 ^h 36	18 ^h 27	20 ^h 3	26 ^h 36	27 ^h 24	17 ^h 51	13 ^h 43
W 9	23 11 13	16 ^h 0'17	2 ^h II44	11 ^h 5	0 ^h Ω17	21 ^h 50	23 ^h 1	19 ^h 45	6 ^h 39	18 ^h 26	20 ^h 4	26 ^h D36	27 ^h 21	17 ^h 58	13 ^h 46
T 10	23 15 10	16 ^h 58'44	15 ^h 58	12 ^h 20	1 ^h 19	22 ^h 28	23 ^h 12	19 ^h 45	6 ^h 42	18 ^h 25	20 ^h 6	26 ^h R36	27 ^h 18	18 ^h 4	13 ^h 48
F 11	23 19 6	17 ^h 57'12	28 ^h 49	13 ^h 32	2 ^h 20	23 ^h 7	23 ^h 22	19 ^h 44	6 ^h 45	18 ^h 23	20 ^h 8	26 ^h 35	27 ^h 15	18 ^h 11	13 ^h 50
S 12	23 23 3	18 ^h 55'43	11 ^h 21	14 ^h 43	3 ^h 22	23 ^h 46	23 ^h 32	19 ^h 43	6 ^h 48	18 ^h 22	20 ^h 10	26 ^h 33	27 ^h 11	18 ^h 18	13 ^h 52
S 13	23 26 59	19 ^h 54'15	23 ^h 39	15 ^h 51	4 ^h 25	24 ^h 25	23 ^h 42	19 ^h 42	6 ^h 51	18 ^h 21	20 ^h 11	26 ^h 28	27 ^h 8	18 ^h 24	13 ^h 55
M14	23 30 56	20 ^h 52'50	5 ^h Ω47	16 ^h 58	5 ^h 27	25 ^h 3	23 ^h 52	19 ^h 40	6 ^h 54	18 ^h 19	20 ^h 13	26 ^h 21	27 ^h 5	18 ^h 31	13 ^h 57
T 15	23 34 52	21 ^h 51'27	17 ^h 47	18 ^h 3	6 ^h 30	25 ^h 42	24 ^h 2	19 ^h 39	6 ^h 57	18 ^h 18	20 ^h 15	26 ^h 11	27 ^h 2	18 ^h 38	14 ^h 0
W16	23 38 49	22 ^h 50'06	29 ^h 42	19 ^h 5	7 ^h 34	26 ^h 21	24 ^h 12	19 ^h 37	7 ^h 0	18 ^h 16	20 ^h 16	26 ^h 0	26 ^h 59	18 ^h 45	14 ^h 3
T 17	23 42 45	23 ^h 48'47	11 ^h 34	20 ^h 5	8 ^h 37	27 ^h 0	24 ^h 22	19 ^h 36	7 ^h 3	18 ^h 15	20 ^h 18	25 ^h 48	26 ^h 56	18 ^h 51	14 ^h 6
F 18	23 46 42	24 ^h 47'30	23 ^h 26	21 ^h 3	9 ^h 41	27 ^h 39	24 ^h 31	19 ^h 34	7 ^h 6	18 ^h 13	20 ^h 20	25 ^h 36	26 ^h 52	18 ^h 58	14 ^h 8
S 19	23 50 38	25 ^h 46'15	5 ^h Ω17	21 ^h 57	10 ^h 45	28 ^h 18	24 ^h 41	19 ^h 32	7 ^h 8	18 ^h 12	20 ^h 21	25 ^h 25	26 ^h 49	19 ^h 5	14 ^h 11
S 20	23 54 35	26 ^h 45'02	17 ^h 11	22 ^h 49	11 ^h 50	28 ^h 57	24 ^h 50	19 ^h 30	7 ^h 11	18 ^h 10	20 ^h 23	25 ^h 17	26 ^h 46	19 ^h 11	14 ^h 14
M21	23 58 32	27 ^h 43'51	29 ^h 8	23 ^h 37	12 ^h 54	29 ^h 36	24 ^h 59	19 ^h 28	7 ^h 14	18 ^h 9	20 ^h 24	25 ^h 11	26 ^h 43	19 ^h 18	14 ^h 18
T 22	0 2 28	28 ^h 42'42	11 ^h II12	24 ^h 22	13 ^h 59	0 ^h Ω15	25 ^h 9	19 ^h 26	7 ^h 16	18 ^h 7	20 ^h 26	25 ^h 8	26 ^h 40	19 ^h 25	14 ^h 21
W23	0 6 25	29 ^h 41'34	23 ^h 25	25 ^h 3	15 ^h 4	0 ^h 54	25 ^h 18	19 ^h 24	7 ^h 19	18 ^h 6	20 ^h 28	25 ^h D 7	26 ^h 37	19 ^h 32	14 ^h 24
T 24	0 10 21	0 ^h Ω40'29	5 ^h Ω51	25 ^h 40	16 ^h 10	1 ^h 33	25 ^h 26	19 ^h 22	7 ^h 22	18 ^h 4	20 ^h 29	25 ^h 7	26 ^h 33	19 ^h 38	14 ^h 27
F 25	0 14 18	1 ^h 39'25	18 ^h 33	26 ^h 12	17 ^h 16	2 ^h 12	25 ^h 35	19 ^h 20	7 ^h 24	18 ^h 2	20 ^h 31	25 ^h 8	26 ^h 30	19 ^h 45	14 ^h 31
S 26	0 18 14	2 ^h 38'23	1 ^h Ω36	26 ^h 39	18 ^h 22	2 ^h 51	25 ^h 44	19 ^h 17	7 ^h 27	18 ^h 1	20 ^h 32	25 ^h R 9	26 ^h 27	19 ^h 52	14 ^h 34
S 27	0 22 11	3 ^h 37'23	15 ^h 3	27 ^h 2	19 ^h 28	3 ^h 30	25 ^h 52	19 ^h 14	7 ^h 29	17 ^h 59	20 ^h 34	25 ^h 8	26 ^h 24	19 ^h 58	14 ^h 38
M28	0 26 7	4 ^h 36'24	28 ^h 58	27 ^h 18	20 ^h 34	4 ^h 10	26 ^h 1	19 ^h 12	7 ^h 32	17 ^h 58	20 ^h 35	25 ^h 6	26 ^h 21	20 ^h 5	14 ^h 42
T 29	0 30 4	5 ^h 35'28	13 ^h Ω19	27 ^h 28	21 ^h 41	4 ^h 49	26 ^h 9	19 ^h 9	7 ^h 34	17 ^h 56	20 ^h 37	25 ^h 1	26 ^h 17	20 ^h 12	14 ^h 46
W30	0 34 1	6 ^h Ω34'33	28 ^h Ω 5	27 ^h R32	22 ^h Ω48	5 ^h Ω28	26 ^h Ω17	19 ^h Ω 6	7 ^h Ω36	17 ^h Y54	20 ^h Ω38	24 ^h Ω55	26 ^h Ω14	20 ^h Ω19	14 ^h Ω49

Delta T = 7.88 sec.

Greg. Calendar

OCTOBER 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	0 37 57	7 ^h Ω33'39	13 ^h Ω 9	27 ^h R29	23 ^h Ω55	6 ^h Ω 7	26 ^h Ω25	19 ^h R 3	7 ^h Ω39	17 ^h R53	20 ^h Ω39	24 ^h R48	26 ^h Ω11	20 ^h Ω25	14 ^h Ω53
F 2	0 41 54	8 ^h 32'48	28 ^h 24	27 ^h Ω18	25 ^h 2	6 ^h 47	26 ^h 33	19 ^h Ω 0	7 ^h 41	17 ^h Y51	20 ^h 41	24 ^h Ω41	26 ^h 8	20 ^h 32	14 ^h 57
S 3	0 45 50	9 ^h 31'59	13 ^h Y37	27 ^h 0	26 ^h 9	7 ^h 26	26 ^h 41	18 ^h 57	7 ^h 43	17 ^h 49	20 ^h 42	24 ^h 35	26 ^h 5	20 ^h 39	15 ^h 1
S 4	0 49 47	10 ^h 31'11	28 ^h 40	26 ^h 33	27 ^h 17	8 ^h 5	26 ^h 48	18 ^h 54	7 ^h 45	17 ^h 48	20 ^h 43	24 ^h 30	26 ^h 2	20 ^h 45	15 ^h 5
M 5	0 53 43	11 ^h 30'26	13 ^h Ω22	25 ^h 59	28 ^h 25	8 ^h 45	26 ^h 56	18 ^h 51	7 ^h 47	17 ^h 46	20 ^h 45	24 ^h 28	25 ^h 58	20 ^h 52	15 ^h 10
T 6	0 57 40	12 ^h 29'43	27 ^h 38	25 ^h 16	29 ^h 33	9 ^h 24	27 ^h 3	18 ^h 47	7 ^h 49	17 ^h 44	20 ^h 46	24 ^h D27	25 ^h 55	20 ^h 59	15 ^h 14
W 7	1 1 36	13 ^h 29'03	11 ^h II27	24 ^h 26	0 ^h Ω41	10 ^h 4	27 ^h 10	18 ^h 44	7 ^h 51	17 ^h 43	20 ^h 47	24 ^h 28	25 ^h 52	21 ^h 5	15 ^h 18
T 8	1 5 33	14 ^h 28'25	24 ^h 48	23 ^h 29	1 ^h 50	10 ^h 43	27 ^h 18	18 ^h 40	7 ^h 53	17 ^h 41	20 ^h 49	24 ^h 30	25 ^h 49	21 ^h 12	15 ^h 23
F 9	1 9 30	15 ^h 27'49	7 ^h Ω44	22 ^h 25	2 ^h 58	11 ^h 23	27 ^h 24	18 ^h 37	7 ^h 55	17 ^h 39	20 ^h 50	24 ^h 31	25 ^h 46	21 ^h 19	15 ^h 27
S 10	1 13 26	16 ^h 27'16	20 ^h 18	21 ^h 17	4 ^h 7	12 ^h 2	27 ^h 31	18 ^h 33	7 ^h 57	17 ^h 38	20 ^h 51	24 ^h R31	25 ^h 43	21 ^h 26	15 ^h 32
S 11	1 17 23	17 ^h 26'45	2 ^h Ω36	20 ^h 5	5 ^h 16	12 ^h 42	27 ^h 38	18 ^h 29	7 ^h 59	17 ^h 36	20 ^h 52	24 ^h 30	25 ^h 39	21 ^h 32	15 ^h 36
M12	1 21 19	18 ^h 26'16	14 ^h 41	18 ^h 52	6 ^h 25	13 ^h 21	27 ^h 44	18 ^h 26	8 ^h 1	17 ^h 34	20 ^h 54	24 ^h 27	25 ^h 36	21 ^h 39	15 ^h 41
T 13	1 25 16	19 ^h 25'49	26 ^h 37	17 ^h 39	7 ^h 34	14 ^h 1	27 ^h 51	18 ^h 22	8 ^h 2	17 ^h 33	20 ^h 55	24 ^h 22	25 ^h 33	21 ^h 46	15 ^h 46
W14	1 29 12	20 ^h 25'25	8 ^h Ω30	16 ^h 29	8 ^h 44	14 ^h 41	27 ^h 57	18 ^h 18	8 ^h 4	17 ^h 31	20 ^h 56	24 ^h 17	25 ^h 30	21 ^h 52	15 ^h 51
T 15	1 33 9	21 ^h 25'02	20 ^h 20	15 ^h 24	9 ^h 54	15 ^h 21	28 ^h 3	18 ^h 14	8 ^h 6	17 ^h 29	20 ^h 57	24 ^h 11	25 ^h 27	21 ^h 59	15 ^h 55
F 16	1 37 5	22 ^h 24'42	2 ^h Ω13	14 ^h 25	11 ^h 3	16 ^h 0	28 ^h 9	18 ^h 10	8 ^h 7	17 ^h 28	20 ^h 58	24 ^h 5	25 ^h 23	22 ^h 6	16 ^h 0
S 17	1 41 2	23 ^h 24'24	14 ^h 8	13 ^h 35	12 ^h 13	16 ^h 40	28 ^h 14	18 ^h 5	8 ^h 9	17 ^h 26	20 ^h 59	23 ^h 59</			

SWISS EPHEMERIS for the year 1705

NOVEMBER 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	2 40 10	8♍23°34'	6♉41	20♌36	29♍58	26♌41	29♄19	16°R57	8♌26	17°R 2	21♌12	23°R46	24♌33	23♍53	17♌27
M 2	2 44 7	9°23'44"	21°17'	21°57'	1♌ 9	27°21'	29°22'	16♌53	8°26'	17°Y 0	21°12'	23°D45	24°29'	24° 0'	17°33'
T 3	2 48 3	10°23'56"	5♈33	23°21'	2°21'	28° 1'	29°25'	16°48'	8°27'	16°59'	21°13'	23♌46	24°26'	24° 7'	17°39'
W 4	2 52 0	11°24'10"	19°26'	24°48'	3°33'	28°42'	29°27'	16°43'	8°28'	16°57'	21°14'	23°46'	24°23'	24°13'	17°44'
T 5	2 55 57	12°24'26"	2♄53	26°16'	4°46'	29°22'	29°29'	16°38'	8°28'	16°56'	21°14'	23°47'	24°20'	24°20'	17°50'
F 6	2 59 53	13°24'44"	15°55'	27°46'	5°58'	0♍ 3	29°32'	16°33'	8°29'	16°54'	21°15'	23°49'	24°17'	24°27'	17°56'
S 7	3 3 50	14°25'04"	28°35'	29°17'	7°10'	0°43'	29°33'	16°28'	8°29'	16°53'	21°15'	23°49'	24°14'	24°33'	18° 3'
S 8	3 7 46	15°25'26"	10♌56	0♍50	8°23'	1°24'	29°35'	16°24'	8°29'	16°51'	21°16'	23°R50	24°10'	24°40'	18° 9'
M 9	3 11 43	16°25'50"	23° 3'	2°23'	9°35'	2° 4'	29°37'	16°19'	8°30'	16°50'	21°16'	23°50'	24° 7'	24°47'	18°15'
T 10	3 15 39	17°26'15"	5♍ 0	3°57'	10°48'	2°45'	29°38'	16°14'	8°30'	16°49'	21°16'	23°49'	24° 4'	24°54'	18°21'
W 11	3 19 36	18°26'43"	16°52'	5°31'	12° 1'	3°26'	29°39'	16° 9'	8°30'	16°47'	21°17'	23°49'	24° 1'	25° 0'	18°27'
T 12	3 23 32	19°27'12"	28°43'	7° 6'	13°14'	4° 6'	29°40'	16° 4'	8°30'	16°46'	21°17'	23°48'	23°58'	25° 7'	18°33'
F 13	3 27 29	20°27'44"	10♌36	8°41'	14°26'	4°47'	29°41'	15°59'	8°30'	16°45'	21°17'	23°48'	23°54'	25°14'	18°40'
S 14	3 31 26	21°28'16"	22°36'	10°16'	15°39'	5°28'	29°42'	15°54'	8°R30	16°43'	21°18'	23°47'	23°51'	25°20'	18°46'
S 15	3 35 22	22°28'51"	4♍45	11°51'	16°52'	6° 8'	29°42'	15°49'	8°30'	16°42'	21°18'	23°47'	23°48'	25°27'	18°52'
M 16	3 39 19	23°29'27"	17° 5'	13°27'	18° 6'	6°49'	29°R42	15°45'	8°30'	16°41'	21°18'	23°47'	23°45'	25°34'	18°59'
T 17	3 43 15	24°30'05"	29°37'	15° 2'	19°19'	7°30'	29°42'	15°40'	8°30'	16°39'	21°18'	23°47'	23°42'	25°40'	19° 5'
W 18	3 47 12	25°30'45"	12♌27	16°38'	20°32'	8°11'	29°42'	15°35'	8°30'	16°38'	21°19'	23°47'	23°39'	25°47'	19°11'
T 19	3 51 8	26°31'25"	25°21'	18°13'	21°45'	8°52'	29°42'	15°30'	8°30'	16°37'	21°19'	23°47'	23°35'	25°54'	19°18'
F 20	3 55 5	27°32'07"	8♉33	19°48'	22°59'	9°33'	29°41'	15°26'	8°29'	16°36'	21°19'	23°46'	23°32'	26° 1'	19°24'
S 21	3 59 1	28°32'51"	21°58'	21°23'	24°12'	10°14'	29°40'	15°21'	8°29'	16°35'	21°19'	23°46'	23°29'	26° 7'	19°31'
S 22	4 2 58	29°33'35"	5♌36	22°58'	25°26'	10°55'	29°39'	15°16'	8°29'	16°34'	21°19'	23°45'	23°26'	26°14'	19°37'
M 23	4 6 55	0♌34°20'	19°27'	24°33'	26°39'	11°36'	29°38'	15°12'	8°28'	16°32'	21°R19	23°45'	23°23'	26°21'	19°44'
T 24	4 10 51	1°35'06"	3♈28	26° 8'	27°53'	12°17'	29°36'	15° 7'	8°28'	16°31'	21°19'	23°D45	23°20'	26°27'	19°50'
W 25	4 14 48	2°35'54"	17°40'	27°42'	29° 6'	12°58'	29°35'	15° 2'	8°27'	16°30'	21°19'	23°45'	23°16'	26°34'	19°57'
T 26	4 18 44	3°36'42"	2°Y 0	29°17'	0♍20	13°39'	29°33'	14°58'	8°27'	16°29'	21°19'	23°46'	23°13'	26°41'	20° 3'
F 27	4 22 41	4°37'30"	16°25'	0♌51	1°34'	14°21'	29°31'	14°54'	8°26'	16°28'	21°19'	23°46'	23°10'	26°47'	20°10'
S 28	4 26 37	5°38'20"	0♉51	2°26'	2°48'	15° 2'	29°29'	14°49'	8°25'	16°27'	21°19'	23°47'	23° 7'	26°54'	20°17'
S 29	4 30 34	6°39'11"	15°14'	4° 0'	4° 2'	15°43'	29°26'	14°45'	8°24'	16°26'	21°18'	23°48'	23° 4'	27° 1'	20°23'
M 30	4 34 30	7♌40°03'	29♉28	5♌35	5♍16	16♍24	29♄24	14♉40	8♌23	16°Y25	21♌18	23°R48	23♉ 0	27♍ 8	20♌30

Delta T = 7.88 sec.

Greg. Calendar

DECEMBER 1705

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	4 38 27	8♌40°56'	13♈30	7♌ 9	6♍29	17♍ 6	29°R21	14°R36	8°R23	16°R25	21°R18	23°R47	22♉57	27♍14	20♌37
W 2	4 42 24	9°41'51"	27°14'	8°43'	7°44'	17°47'	29♄18	14♉32	8♌22	16°Y24	21♌18	23♉46	22°54'	27°21'	20°43'
T 3	4 46 20	10°42'46"	10♄38	10°17'	8°58'	18°29'	29°15'	14°28'	8°21'	16°23'	21°17'	23°44'	22°51'	27°28'	20°50'
F 4	4 50 17	11°43'42"	23°41'	11°52'	10°12'	19°10'	29°12'	14°24'	8°20'	16°22'	21°17'	23°41'	22°48'	27°34'	20°57'
S 5	4 54 13	12°44'40"	6♌24	13°26'	11°26'	19°52'	29° 8'	14°20'	8°19'	16°21'	21°17'	23°38'	22°45'	27°41'	21° 4'
S 6	4 58 10	13°45'38"	18°48'	15° 0'	12°40'	20°33'	29° 4'	14°16'	8°17'	16°21'	21°16'	23°36'	22°41'	27°48'	21°10'
M 7	5 2 6	14°46'38"	0♍58	16°34'	13°54'	21°15'	29° 0'	14°12'	8°16'	16°20'	21°16'	23°34'	22°38'	27°54'	21°17'
T 8	5 6 3	15°47'39"	12°56'	18° 9'	15° 9'	21°56'	28°56'	14° 8'	8°15'	16°19'	21°16'	23°D33	22°35'	28° 1'	21°24'
W 9	5 9 59	16°48'41"	24°48'	19°43'	16°23'	22°38'	28°52'	14° 5'	8°14'	16°19'	21°15'	23°33'	22°32'	28° 8'	21°31'
T 10	5 13 56	17°49'44"	6♌39	21°18'	17°37'	23°20'	28°48'	14° 1'	8°12'	16°18'	21°15'	23°34'	22°29'	28°15'	21°37'
F 11	5 17 53	18°50'47"	18°33'	22°53'	18°52'	24° 1'	28°43'	13°57'	8°11'	16°17'	21°14'	23°36'	22°26'	28°21'	21°44'
S 12	5 21 49	19°51'52"	0♍36	24°28'	20° 6'	24°43'	28°38'	13°54'	8° 9'	16°17'	21°14'	23°38'	22°22'	28°28'	21°51'
S 13	5 25 46	20°52'58"	12°50'	26° 2'	21°20'	25°25'	28°33'	13°51'	8° 8'	16°16'	21°13'	23°39'	22°19'	28°35'	21°58'
M 14	5 29 42	21°54'05"	25°20'	27°38'	22°35'	26° 7'	28°28'	13°47'	8° 6'	16°16'	21°12'	23°R40	22°16'	28°41'	22° 4'
T 15	5 33 39	22°55'12"	8♌ 8	29°13'	23°49'	26°49'	28°23'	13°44'	8° 5'	16°15'	21°12'	23°39'	22°13'	28°48'	22°11'
W 16	5 37 35	23°56'20"	21°14'	0♉48	25° 4'	27°31'	28°17'	13°41'	8° 3'	16°15'	21°11'	23°36'	22°10'	28°55'	22°18'
T 17	5 41 32	24°57'29"	4♉37	2°24'	26°19'	28°12'	28°12'	13°38'	8° 2'	16°15'	21°11'	23°32'	22° 6'	29° 1'	22°25'
F 18	5 45 29	25°58'38"	18°17'	3°59'	27°33'	28°54'	28° 6'	13°35'	8° 0'	16°14'	21°10'	23°27'	22° 3'	29° 8'	22°31'
S 19	5 49 25	26°59'47"	2♌ 9	5°35'	28°48'	29°36'	28° 0'	13°32'	7°58'	16°14'	21° 9'	23°22'	22° 0'	29°15'	22°38'
S 20	5 53 22	28° 0'56"	16°11'	7°11'	0♌ 2	0♌19	27°54'	13°29'	7°56'	16°14'	21° 8'	23°16'	21°57'	29°22'	22°45'
M 21	5 57 18	29° 2'06"	0♈19	8°47'	1°17'	1° 1'	27°48'	13°27'	7°55'	16°13'	21° 8'	23°12'	21°54'	29°28'	22°52'
T 22	6 1 15	0♉ 3'16"	14°29'	10°23'	2°32'	1°43'	27°42'	13°24'	7°53'	16°13'	21° 7'	23° 9'	21°51'	29°35'	22°58'
W 23	6 5 11	1° 4'25"	28°39'	11°59'	3°46'	2°25'	27°35'	13°22'	7°51'	16°13'	21° 6'	23°D 8	21°47'	29°42'	23° 5'
T 24	6 9 8	2° 5'35"	12°Y47	13°35'	5° 1'	3° 7'	27°29'	13°19'	7°49'	16°13'	21° 5'	23° 9'	21°44'	29°48'	23°12'
F 25	6 13 4	3° 6'44"	26°51'	15°11'	6°16'	3°49'	27°22'	13°17'	7°47'	16°13'	21° 4'	23°10'	21°41'	29°55'	23°18'
S 26	6 17 1	4° 7'53"	10♉51	16°47'	7°30'	4°32'	27°15'	13°15'	7°45'	16°13'	21° 3'	23°11'	21°38'	0♌ 2	23°25'
S 27	6 20 58	5° 9'03"	24°44'	18°23'	8°45'	5°14'	27° 8'	13°13'	7°43'	16°13'	21° 2'	23°R12	21°35'	0° 8'	23°32'
M 28	6 24 54	6°10'12"	8♈30	19°58'	10° 0'	5°56'	27° 1'	13°11'	7°41'	16°D13	21° 2'	23°11'	21°32'	0°15'	23°38'
T 29	6 28 51	7°11'21"	22° 6'	21°32'	11°15'	6°39'	26°54'	13° 9'	7°39'	16°13'	21° 1'	23° 8'	21°28'	0°22'	23°45'
W 30	6 32 47	8°12'30"	5♄30	23° 7'	12°30'	7°21'	26°47'	13° 7'	7°36'	16°13'	21° 0'	23° 2'	21°25'	0°28'	23°51'
T 31	6 36 44	9♌13°39'	18♄40	24♉40	13♌44	8♌ 3	26♄39	13♉ 5	7♌34	16°Y13	20♌59	22♉54	21♉22	0♌35	23♌58

Delta T = 7.87 sec.

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