

SWISS EPHEMERIS for the year 1706

JANUARY 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
F 1	6 40 40	10♌14'48	1♏34	26♌12	14♌59	8♌46	26°R32	13°R 4	7°R32	16°Y13	20°R57	22°R46	21♌19	0♌42	24♌5	
S 2	6 44 37	11°15'57	14°12	27°43	16°14	9°28	26♌24	13♌2	7♏30	16°13	20♌56	22♌36	21°16	0°49	24°11	
S 3	6 48 33	12°17'06	26°35	29°13	17°29	10°11	26°17	13° 1	7°27	16°13	20°55	22°28	21°12	0°55	24°18	
M 4	6 52 30	13°18'15	8♍44	0♌40	18°44	10°54	26° 9	13° 0	7°25	16°14	20°54	22°20	21° 9	1° 2	24°24	
T 5	6 56 27	14°19'24	20°43	2° 5	19°59	11°36	26° 1	12°59	7°23	16°14	20°53	22°15	21° 6	1° 9	24°31	
W 6	7 0 23	15°20'33	2♌34	3°28	21°13	12°19	25°54	12°58	7°20	16°14	20°52	22°12	21° 3	1°15	24°37	
T 7	7 4 20	16°21'42	14°24	4°47	22°28	13° 2	25°46	12°57	7°18	16°14	20°51	22°D11	21° 0	1°22	24°43	
F 8	7 8 16	17°22'51	26°17	6° 2	23°43	13°44	25°38	12°56	7°16	16°15	20°50	22°11	20°57	1°29	24°50	
S 9	7 12 13	18°24'00	8♍19	7°13	24°58	14°27	25°30	12°55	7°13	16°15	20°48	22°12	20°53	1°35	24°56	
S 10	7 16 9	19°25'09	20°34	8°19	26°13	15°10	25°22	12°55	7°11	16°16	20°47	22°R13	20°50	1°42	25° 2	
M11	7 20 6	20°26'17	3♌7	9°18	27°28	15°53	25°14	12°54	7° 8	16°16	20°46	22°12	20°47	1°49	25° 9	
T 12	7 24 2	21°27'26	16° 3	10°11	28°43	16°36	25° 6	12°54	7° 6	16°17	20°45	22° 9	20°44	1°55	25°15	
W13	7 27 59	22°28'34	29°23	10°56	29°58	17°19	24°58	12°54	7° 3	16°17	20°44	22° 4	20°41	2° 2	25°21	
T 14	7 31 56	23°29'42	13♌6	11°33	1♌13	18° 2	24°50	12°D54	7° 1	16°18	20°42	21°56	20°38	2° 9	25°27	
F 15	7 35 52	24°30'49	27°11	11°59	2°28	18°45	24°42	12°54	6°58	16°18	20°41	21°46	20°34	2°16	25°34	
S 16	7 39 49	25°31'55	11♌33	12°16	3°43	19°28	24°34	12°54	6°56	16°19	20°40	21°36	20°31	2°22	25°40	
S 17	7 43 45	26°33'01	26° 4	12°R22	4°58	20°11	24°26	12°54	6°53	16°20	20°38	21°25	20°28	2°29	25°46	
M18	7 47 42	27°34'06	10♌39	12°16	6°13	20°54	24°18	12°54	6°51	16°21	20°37	21°16	20°25	2°36	25°52	
T 19	7 51 38	28°35'09	25°10	11°59	7°28	21°37	24°10	12°55	6°48	16°21	20°36	21° 9	20°22	2°42	25°58	
W20	7 55 35	29°36'12	9°Y33	11°30	8°43	22°20	24° 2	12°55	6°45	16°22	20°34	21° 5	20°18	2°49	26° 4	
T 21	7 59 31	0♌37'14	23°43	10°50	9°58	23° 3	23°54	12°56	6°43	16°23	20°33	21° 4	20°15	2°56	26°10	
F 22	8 3 28	1°38'14	7♌42	10° 0	11°13	23°46	23°46	12°57	6°40	16°24	20°32	21°D 4	20°12	3° 2	26°16	
S 23	8 7 25	2°39'14	21°27	9° 2	12°28	24°30	23°38	12°58	6°38	16°25	20°30	21°R 4	20° 9	3° 9	26°21	
S 24	8 11 21	3°40'12	5♏0	7°56	13°43	25°13	23°30	12°59	6°35	16°26	20°29	21° 3	20° 6	3°16	26°27	
M25	8 15 18	4°41'09	18°21	6°45	14°58	25°56	23°22	13° 0	6°32	16°27	20°28	21° 0	20° 3	3°22	26°33	
T 26	8 19 14	5°42'05	1♌32	5°31	16°13	26°40	23°14	13° 1	6°30	16°27	20°26	20°55	19°59	3°29	26°39	
W27	8 23 11	6°43'00	14°33	4°16	17°28	27°23	23° 7	13° 3	6°27	16°29	20°25	20°46	19°56	3°36	26°44	
T 28	8 27 7	7°43'53	27°22	3° 2	18°43	28° 6	22°59	13° 4	6°25	16°30	20°23	20°35	19°53	3°42	26°50	
F 29	8 31 4	8°44'45	10♏1	1°52	19°57	28°50	22°52	13° 6	6°22	16°31	20°22	20°21	19°50	3°49	26°55	
S 30	8 35 1	9°45'37	22°27	0°47	21°12	29°33	22°44	13° 7	6°19	16°32	20°20	20° 7	19°47	3°56	27° 1	
S 31	8 38 57	10♌46'27	4♍42	29♌48	22♌27	0♌17	22♌37	13♌9	6♏17	16°Y33	20♏19	19♌53	19♌44	4♌3	27♌6	

Delta T = 7.52 sec.

Greg. Calendar

FEBRUARY 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
M 1	8 42 54	11♌47'16	16♍47	28°R56	23♌42	1♌0	22°R30	13♌11	6°R14	16°Y34	20°R17	19°R41	19♌40	4♌9	27♌12	
T 2	8 46 50	12°48'04	28°43	28♌12	24°57	1°44	22♌22	13°13	6♏11	16°35	20♏16	19♌32	19°37	4°16	27°17	
W 3	8 50 47	13°48'51	10♌33	27°36	26°12	2°28	22°15	13°15	6° 9	16°36	20°15	19°25	19°34	4°23	27°22	
T 4	8 54 43	14°49'37	22°21	27° 9	27°27	3°11	22° 8	13°18	6° 6	16°38	20°13	19°21	19°31	4°29	27°27	
F 5	8 58 40	15°50'21	4♍12	26°49	28°42	3°55	22° 2	13°20	6° 4	16°39	20°12	19°19	19°28	4°36	27°33	
S 6	9 2 36	16°51'05	16°11	26°38	29°57	4°39	21°55	13°22	6° 1	16°40	20°10	19°19	19°24	4°43	27°38	
S 7	9 6 33	17°51'48	28°23	26°D35	1♌12	5°23	21°48	13°25	5°59	16°42	20° 9	19°19	19°21	4°49	27°43	
M 8	9 10 30	18°52'30	10♌55	26°39	2°27	6° 6	21°42	13°28	5°56	16°43	20° 7	19°18	19°18	4°56	27°48	
T 9	9 14 26	19°53'11	23°49	26°49	3°42	6°50	21°35	13°30	5°53	16°44	20° 6	19°15	19°15	5° 3	27°53	
W10	9 18 23	20°53'50	7♌12	27° 6	4°57	7°34	21°29	13°33	5°51	16°46	20° 4	19° 9	19°12	5° 9	27°57	
T 11	9 22 19	21°54'28	21° 2	27°29	6°12	8°18	21°23	13°36	5°48	16°47	20° 3	19° 0	19° 9	5°16	28° 2	
F 12	9 26 16	22°55'05	5♌20	27°57	7°27	9° 2	21°17	13°39	5°46	16°49	20° 1	18°50	19° 5	5°23	28° 7	
S 13	9 30 12	23°55'41	20° 1	28°30	8°42	9°46	21°11	13°42	5°44	16°50	20° 0	18°38	19° 2	5°29	28°12	
S 14	9 34 9	24°56'14	4♌56	29° 8	9°57	10°30	21° 6	13°46	5°41	16°52	19°58	18°26	18°59	5°36	28°16	
M15	9 38 5	25°56'47	19°56	29°50	11°12	11°14	21° 0	13°49	5°39	16°53	19°57	18°15	18°56	5°43	28°21	
T 16	9 42 2	26°57'17	4°Y53	0♌36	12°27	11°58	20°55	13°52	5°36	16°55	19°55	18° 7	18°53	5°49	28°25	
W17	9 45 59	27°57'46	19°37	1°26	13°42	12°42	20°50	13°56	5°34	16°57	19°54	18° 2	18°50	5°56	28°29	
T 18	9 49 55	28°58'12	4♌4	2°19	14°56	13°26	20°45	14° 0	5°31	16°58	19°53	18° 0	18°46	6° 3	28°34	
F 19	9 53 52	29°58'37	18°10	3°15	16°11	14°10	20°40	14° 3	5°29	17° 0	19°51	17°D59	18°43	6° 9	28°38	
S 20	9 57 48	0♌59'00	1♏56	4°14	17°26	14°54	20°35	14° 7	5°27	17° 2	19°50	17°R59	18°40	6°16	28°42	
S 21	10 1 45	1°59'21	15°22	5°16	18°41	15°38	20°31	14°11	5°25	17° 3	19°48	17°59	18°37	6°23	28°46	
M22	10 5 41	2°59'40	28°32	6°20	19°56	16°22	20°27	14°15	5°22	17° 5	19°47	17°56	18°34	6°30	28°50	
T 23	10 9 38	3°59'57	11♌26	7°26	21°11	17° 7	20°22	14°19	5°20	17° 7	19°45	17°51	18°30	6°36	28°54	
W24	10 13 34	5° 0'12	24° 8	8°35	22°26	17°51	20°19	14°24	5°18	17° 9	19°44	17°43	18°27	6°43	28°58	
T 25	10 17 31	6° 0'25	6♏39	9°45	23°40	18°35	20°15	14°28	5°16	17°10	19°42	17°33	18°24	6°50	29° 2	
F 26	10 21 28	7° 0'36	19° 1	10°58	24°55	19°19	20°11	14°32	5°14	17°12	19°41	17°20	18°21	6°56	29° 6	
S 27	10 25 24	8° 0'45	1♍13	12°12	26°10	20° 4	20° 8	14°37	5°12	17°14	19°40	17° 7	18°18	7° 3	29° 9	
S 28	10 29 21	9♌0'52	13♍18	13♌28	27♌25	20♌48	20♌4	14♌41	5♏10	17°Y16	19♏38	16♌54	18♌15	7♌10	29♌13	

Delta T = 7.50 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1706

MARCH 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	10 33 17	10X 0'58	25M 16	14A 46	28A 40	21B 32	20°R 1	14B 46	5°R 8	17Y 18	19°R 37	16°R 43	18B 11	7A 16	29A 16		
T 2	10 37 14	11° 1'01	7A 8	16° 5	29°54	22°17	19B 59	14°51	5B 6	17°20	19B 36	16B 33	18° 8	7°23	29°20		
W 3	10 41 10	12° 1'03	18°57	17°26	1X 9	23° 1	19°56	14°56	5° 4	17°22	19°34	16°27	18° 5	7°30	29°23		
T 4	10 45 7	13° 1'03	0M 45	18°48	2°24	23°46	19°53	15° 0	5° 2	17°24	19°33	16°23	18° 2	7°36	29°26		
F 5	10 49 3	14° 1'01	12°36	20°12	3°39	24°30	19°51	15° 5	5° 0	17°25	19°32	16°D22	17°59	7°43	29°30		
S 6	10 53 0	15° 0'58	24°34	21°37	4°53	25°15	19°49	15°10	4°58	17°27	19°30	16°22	17°55	7°50	29°33		
S 7	10 56 56	16° 0'53	6A 45	23° 3	6° 8	25°59	19°47	15°16	4°56	17°29	19°29	16°23	17°52	7°56	29°36		
M 8	11 0 53	17° 0'46	19°12	24°31	7°23	26°44	19°45	15°21	4°54	17°31	19°28	16°R23	17°49	8° 3	29°39		
T 9	11 4 50	18° 0'38	2B 3	26° 0	8°38	27°28	19°44	15°26	4°53	17°33	19°26	16°22	17°46	8°10	29°41		
W10	11 8 46	19° 0'28	15°20	27°31	9°52	28°13	19°43	15°31	4°51	17°35	19°25	16°19	17°43	8°16	29°44		
T 11	11 12 43	20° 0'16	29° 6	29° 2	11° 7	28°58	19°41	15°37	4°49	17°38	19°24	16°14	17°40	8°23	29°47		
F 12	11 16 39	21° 0'03	13A 22	0X 35	12°22	29°42	19°40	15°42	4°48	17°40	19°23	16° 7	17°36	8°30	29°49		
S 13	11 20 36	21°59'48	28° 4	2° 9	13°36	0A 27	19°40	15°48	4°46	17°42	19°21	15°58	17°33	8°36	29°52		
S 14	11 24 32	22°59'31	13X 6	3°45	14°51	1°12	19°39	15°54	4°45	17°44	19°20	15°50	17°30	8°43	29°54		
M15	11 28 29	23°59'11	28°20	5°22	16° 6	1°56	19°39	15°59	4°43	17°46	19°19	15°42	17°27	8°50	29°57		
T 16	11 32 25	24°58'50	13Y 33	7° 0	17°20	2°41	19°D39	16° 5	4°42	17°48	19°18	15°36	17°24	8°56	29°59		
W17	11 36 22	25°58'27	28°36	8°39	18°35	3°26	19°39	16°11	4°41	17°50	19°17	15°33	17°21	9° 3	0B 1		
T 18	11 40 19	26°58'01	13B 22	10°19	19°50	4°10	19°39	16°17	4°39	17°52	19°16	15°D32	17°17	9°10	0° 3		
F 19	11 44 15	27°57'33	27°44	12° 1	21° 4	4°55	19°39	16°23	4°38	17°54	19°15	15°32	17°14	9°16	0° 5		
S 20	11 48 12	28°57'03	11I 41	13°44	22°19	5°40	19°40	16°29	4°37	17°57	19°13	15°33	17°11	9°23	0° 7		
S 21	11 52 8	29°56'31	25°13	15°28	23°33	6°25	19°41	16°35	4°36	17°59	19°12	15°R34	17° 8	9°30	0° 9		
M22	11 56 5	0Y 55'56	8B 22	17°14	24°48	7° 9	19°42	16°41	4°34	18° 1	19°11	15°34	17° 5	9°36	0°11		
T 23	12 0 1	1°55'19	21°12	19° 1	26° 3	7°54	19°43	16°47	4°33	18° 3	19°10	15°32	17° 1	9°43	0°12		
W24	12 3 58	2°54'40	3B 45	20°49	27°17	8°39	19°44	16°54	4°32	18° 5	19° 9	15°28	16°58	9°50	0°14		
T 25	12 7 54	3°53'58	16° 5	22°39	28°32	9°24	19°46	17° 0	4°31	18° 7	19° 8	15°23	16°55	9°57	0°15		
F 26	12 11 51	4°53'14	28°14	24°30	29°46	10° 9	19°48	17° 6	4°30	18°10	19° 7	15°16	16°52	10° 3	0°16		
S 27	12 15 48	5°52'28	10M 16	26°22	1Y 1	10°54	19°50	17°13	4°30	18°12	19° 7	15° 8	16°49	10°10	0°18		
S 28	12 19 44	6°51'39	22°11	28°16	2°15	11°39	19°52	17°19	4°29	18°14	19° 6	15° 1	16°46	10°17	0°19		
M29	12 23 41	7°50'49	4B 3	0Y 11	3°29	12°23	19°54	17°26	4°28	18°16	19° 5	14°55	16°42	10°23	0°20		
T 30	12 27 37	8°49'56	15°53	2° 7	4°44	13° 8	19°56	17°32	4°27	18°19	19° 4	14°50	16°39	10°30	0°21		
W31	12 31 34	9Y 49'01	27A 42	4Y 5	5Y 58	13A 53	19B 59	17B 39	4B 27	18Y 21	19B 3	14B 46	16B 36	10A 37	0B 22		

Delta T = 7.48 sec.

Greg. Calendar

APRIL 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	12 35 30	10Y 48'04	9M 33	6Y 4	7Y 13	14A 38	20B 2	17B 46	4°R 26	18Y 23	19°R 2	14B 45	16B 33	10A 43	0B 23		
F 2	12 39 27	11°47'06	21°28	8° 4	8°27	15°23	20° 5	17°53	4B 25	18°25	19B 1	14°45	16°30	10°50	0°23		
S 3	12 43 23	12°46'05	3A 31	10° 5	9°41	16° 8	20° 8	17°59	4°25	18°28	19° 1	14°46	16°27	10°57	0°24		
S 4	12 47 20	13°45'03	15°45	12° 8	10°56	16°53	20°12	18° 6	4°24	18°30	19° 0	14°48	16°23	11° 3	0°24		
M 5	12 51 17	14°43'59	28°15	14°11	12°10	17°38	20°15	18°13	4°24	18°32	18°59	14°50	16°20	11°10	0°25		
T 6	12 55 13	15°42'54	11B 3	16°16	13°24	18°23	20°19	18°20	4°24	18°34	18°58	14°R50	16°17	11°17	0°25		
W 7	12 59 10	16°41'46	24°15	18°21	14°39	19° 8	20°23	18°27	4°23	18°37	18°58	14°50	16°14	11°23	0°25		
T 8	13 3 6	17°40'37	7A 53	20°27	15°53	19°53	20°27	18°34	4°23	18°39	18°57	14°49	16°11	11°30	0°26		
F 9	13 7 3	18°39'26	21°58	22°33	17° 7	20°38	20°31	18°41	4°23	18°41	18°56	14°46	16° 7	11°37	0°R26		
S 10	13 10 59	19°38'13	6X 29	24°39	18°22	21°23	20°35	18°48	4°23	18°43	18°56	14°43	16° 4	11°43	0°26		
S 11	13 14 56	20°36'59	21°22	26°45	19°36	22° 8	20°40	18°55	4°23	18°46	18°55	14°40	16° 1	11°50	0°25		
M12	13 18 52	21°35'42	6Y 29	28°51	20°50	22°53	20°45	19° 3	4°D23	18°48	18°55	14°37	15°58	11°57	0°25		
T 13	13 22 49	22°34'24	21°43	0B 56	22° 5	23°38	20°50	19°10	4°23	18°50	18°54	14°35	15°55	12° 3	0°25		
W14	13 26 46	23°33'04	6B 51	3° 0	23°19	24°23	20°55	19°17	4°23	18°53	18°54	14°34	15°52	12°10	0°25		
T 15	13 30 42	24°31'42	21°47	5° 3	24°33	25° 8	21° 0	19°24	4°23	18°55	18°53	14°D34	15°48	12°17	0°24		
F 16	13 34 39	25°30'18	6I 21	7° 4	25°47	26°53	21° 5	19°32	4°23	18°57	18°53	14°34	15°45	12°23	0°24		
S 17	13 38 35	26°28'51	20°30	9° 3	27° 1	26°38	21°11	19°39	4°23	18°59	18°52	14°36	15°42	12°30	0°23		
S 18	13 42 32	27°27'23	4B 13	10°59	28°16	27°23	21°17	19°46	4°24	19° 2	18°52	14°37	15°39	12°37	0°22		
M19	13 46 28	28°25'52	17°29	12°54	29°30	28° 8	21°23	19°54	4°24	19° 4	18°52	14°38	15°36	12°43	0°21		
T 20	13 50 25	29°24'20	0B 22	14°45	0B 44	28°53	21°29	20° 1	4°24	19° 6	18°51	14°R38	15°33	12°50	0°20		
W21	13 54 21	0B 22'45	12°55	16°33	1°58	29°38	21°35	20° 9	4°25	19° 8	18°51	14°38	15°29	12°57	0°19		
T 22	13 58 18	1°21'07	25°11	18°17	3°12	0X 23	21°41	20°16	4°25	19°10	18°51	14°37	15°26	13° 3	0°18		
F 23	14 2 15	2°19'28	7M 16	19°58	4°26	1° 8	21°47	20°24	4°26	19°13	18°51	14°35	15°23	13°10	0°17		
S 24	14 6 11	3°17'47	19°11	21°36	5°40	1°53	21°54	20°31	4°27	19°15	18°50	14°34	15°20	13°17	0°16		
S 25	14 10 8	4°16'03	1B 2	23° 9	6°54	2°38	22° 1	20°39	4°27	19°17	18°50	14°32	15°17	13°23	0°14		
M26	14 14 4	5°14'18	12°51	24°38	8° 8	3°23	22° 8	20°46	4°28	19°19	18°50	14°31	15°13	13°30	0°13		
T 27	14 18 1	6°12'31	24°40	26° 4	9°22	4° 7	22°15	20°54	4°29	19°22	18°50	14°30	15°10	13°37	0°11		
W28	14 21 57	7°10'42	6M 33	27°24	10°36	4°52	22°22	21° 1	4°30	19°24	18°50	14°29	15° 7	13°43	0°10		
T 29	14 25 54	8° 8'51	18°31	28°41	11°50	5°37	22°29	21° 9	4°30	19°26	18°50	14°D29	15° 4	13°50	0° 8		
F 30	14 29 50	9B 6'59	0A 35	29B 53	13B 4	6X 22	22B 36	21B 17	4B 31	19Y 28	18B 50	14B 29	15B 1	13A 57	0B 6		

Delta T = 7.47 sec.

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SWISS EPHEMERIS for the year 1706

MAY 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	14 33 47	10♄ 5'05	12♂49	1♂ 1	14♄18	7♂ 7	22♄44	21♄24	4♄32	19♄30	18♄50	14♄30	14♄58	14♄ 3	0°R 5		
S 2	14 37 44	11° 3'09	25°15	2° 4	15°32	7°52	22°52	21°32	4°33	19°32	18°50	14°30	14°54	14°10	0♄ 3		
M 3	14 41 40	12° 1'12	7♄54	3° 2	16°46	8°37	22°59	21°40	4°34	19°34	18°50	14°31	14°51	14°17	0° 1		
T 4	14 45 37	12°59'14	20°49	3°56	18° 0	9°22	23° 7	21°47	4°36	19°37	18°50	14°31	14°48	14°23	29♂59		
W 5	14 49 33	13°57'14	4♄ 3	4°45	19°14	10° 6	23°15	21°55	4°37	19°39	18°50	14°31	14°45	14°30	29°56		
T 6	14 53 30	14°55'13	17°37	5°29	20°28	10°51	23°24	22° 3	4°38	19°41	18°50	14°31	14°42	14°37	29°54		
F 7	14 57 26	15°53'11	1♂32	6° 8	21°42	11°36	23°32	22°11	4°39	19°43	18°50	14°31	14°38	14°43	29°52		
S 8	15 1 23	16°51'07	15°48	6°42	22°55	12°21	23°40	22°18	4°41	19°45	18°50	14°31	14°35	14°50	29°50		
S 9	15 5 19	17°49'02	0♄22	7°11	24° 9	13° 5	23°49	22°26	4°42	19°47	18°51	14°31	14°32	14°57	29°47		
M10	15 9 16	18°46'56	15°11	7°36	25°23	13°50	23°57	22°34	4°43	19°49	18°51	14°32	14°29	15° 3	29°45		
T 11	15 13 13	19°44'48	0♄ 8	7°55	26°37	14°35	24° 6	22°42	4°45	19°51	18°51	14°32	14°26	15°10	29°42		
W12	15 17 9	20°42'39	15° 6	8° 9	27°51	15°19	24°15	22°49	4°47	19°53	18°51	14°R32	14°23	15°17	29°39		
T 13	15 21 6	21°40'29	29°55	8°19	29° 5	16° 4	24°24	22°57	4°48	19°55	18°52	14°32	14°19	15°23	29°37		
F 14	15 25 2	22°38'17	14♂30	8°R23	0♂18	16°49	24°33	23° 5	4°50	19°57	18°52	14°31	14°16	15°30	29°34		
S 15	15 28 59	23°36'04	28°43	8°23	1°32	17°33	24°42	23°13	4°51	19°59	18°52	14°30	14°13	15°37	29°31		
S 16	15 32 55	24°33'49	12♄32	8°17	2°46	18°18	24°52	23°21	4°53	20° 1	18°53	14°29	14°10	15°43	29°28		
M17	15 36 52	25°31'33	25°55	8° 8	4° 0	19° 2	25° 1	23°28	4°55	20° 3	18°53	14°28	14° 7	15°50	29°25		
T 18	15 40 48	26°29'15	8♄53	7°54	5°14	19°47	25°11	23°36	4°57	20° 5	18°54	14°27	14° 4	15°57	29°22		
W19	15 44 45	27°26'56	21°30	7°36	6°27	20°31	25°20	23°44	4°59	20° 7	18°54	14°26	14° 0	16° 3	29°19		
T 20	15 48 42	28°24'34	3♂47	7°15	7°41	21°15	25°30	23°52	5° 1	20° 9	18°55	14°D26	13°57	16°10	29°16		
F 21	15 52 38	29°22'12	15°51	6°50	8°55	22° 0	25°40	23°59	5° 3	20°11	18°55	14°27	13°54	16°17	29°13		
S 22	15 56 35	0♂19'47	27°45	6°22	10° 8	22°44	25°50	24° 7	5° 5	20°12	18°56	14°28	13°51	16°23	29° 9		
S 23	16 0 31	1°17'22	9♄34	5°53	11°22	23°28	26° 0	24°15	5° 7	20°14	18°57	14°29	13°48	16°30	29° 6		
M24	16 4 28	2°14'55	21°23	5°21	12°36	24°12	26°10	24°23	5° 9	20°16	18°57	14°31	13°44	16°37	29° 3		
T 25	16 8 24	3°12'26	3♂15	4°48	13°49	24°57	26°20	24°30	5°11	20°18	18°58	14°32	13°41	16°43	28°59		
W26	16 12 21	4° 9'57	15°13	4°14	15° 3	25°41	26°30	24°38	5°13	20°20	18°59	14°R32	13°38	16°50	28°56		
T 27	16 16 17	5° 7'26	27°20	3°40	16°17	26°25	26°41	24°46	5°15	20°21	18°59	14°32	13°35	16°57	28°52		
F 28	16 20 14	6° 4'54	9♂38	3° 7	17°30	27° 9	26°51	24°53	5°18	20°23	19° 0	14°30	13°32	17° 3	28°49		
S 29	16 24 11	7° 2'22	22° 9	2°35	18°44	27°53	27° 2	25° 1	5°20	20°25	19° 1	14°28	13°29	17°10	28°45		
S 30	16 28 7	7°59'48	4♄52	2° 4	19°57	28°37	27°12	25° 9	5°22	20°26	19° 2	14°24	13°25	17°16	28°42		
M31	16 32 4	8♂57'14	17♄49	1♂36	21♂11	29♂21	27♄23	25♄16	5♄25	20♄28	19♄ 2	14♄21	13♄22	17♄23	28♄38		

Delta T = 7.45 sec.

Greg. Calendar

JUNE 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	16 36 0	9♂54'38	1♄ 0	1°R10	22♂24	0♄ 5	27♄34	25♄24	5♄27	20♄30	19♄ 3	14°R17	13♄19	17♄30	28°R34		
W 2	16 39 57	10°52'02	14°26	0♂47	23°38	0°48	27°45	25°31	5°29	20°31	19° 4	14♄14	13°16	17°36	28♄31		
T 3	16 43 53	11°49'26	28° 5	0°27	24°52	1°32	27°55	25°39	5°32	20°33	19° 5	14°12	13°13	17°43	28°27		
F 4	16 47 50	12°46'48	11♂57	0°11	26° 5	2°16	28° 6	25°47	5°34	20°34	19° 6	14°D12	13°10	17°50	28°23		
S 5	16 51 46	13°44'11	26° 3	29♄59	27°19	3° 0	28°18	25°54	5°37	20°36	19° 7	14°12	13° 6	17°56	28°19		
S 6	16 55 43	14°41'32	10♄21	29°52	28°32	3°43	28°29	26° 2	5°40	20°37	19° 8	14°13	13° 3	18° 3	28°15		
M 7	16 59 40	15°38'53	24°48	29°D48	29°46	4°27	28°40	26° 9	5°42	20°39	19° 9	14°15	13° 0	18°10	28°11		
T 8	17 3 36	16°36'14	9♄22	29°49	0♄59	5°10	28°51	26°17	5°45	20°40	19°10	14°R15	12°57	18°16	28° 8		
W 9	17 7 33	17°33'34	23°56	29°55	2°13	5°53	29° 3	26°24	5°48	20°42	19°11	14°15	12°54	18°23	28° 4		
T 10	17 11 29	18°30'54	8♂27	0♂ 5	3°26	6°37	29°14	26°32	5°51	20°43	19°12	14°13	12°50	18°30	28° 0		
F 11	17 15 26	19°28'14	22°47	0°19	4°40	7°20	29°26	26°39	5°53	20°45	19°13	14°10	12°47	18°36	27°56		
S 12	17 19 22	20°25'32	6♄52	0°39	5°53	8° 3	29°37	26°46	5°56	20°46	19°14	14° 5	12°44	18°43	27°52		
S 13	17 23 19	21°22'50	20°37	1° 2	7° 6	8°46	29°49	26°54	5°59	20°47	19°15	13°59	12°41	18°50	27°48		
M14	17 27 15	22°20'07	4♄ 0	1°30	8°20	9°29	0♄ 0	27° 1	6° 2	20°49	19°16	13°53	12°38	18°56	27°44		
T 15	17 31 12	23°17'24	16°59	2° 3	9°33	10°12	0°12	27° 8	6° 5	20°50	19°18	13°48	12°35	19° 3	27°40		
W16	17 35 9	24°14'40	29°37	2°40	10°47	10°55	0°24	27°15	6° 8	20°51	19°19	13°44	12°31	19°10	27°36		
T 17	17 39 5	25°11'54	11♂56	3°21	12° 0	11°38	0°36	27°23	6°11	20°52	19°20	13°41	12°28	19°16	27°32		
F 18	17 43 2	26° 9'09	24° 0	4° 7	13°13	12°21	0°48	27°30	6°14	20°54	19°21	13°D40	12°25	19°23	27°28		
S 19	17 46 58	27° 6'22	5♄55	4°56	14°27	13° 3	1° 0	27°37	6°17	20°55	19°23	13°40	12°22	19°30	27°24		
S 20	17 50 55	28° 3'35	17°44	5°50	15°40	13°46	1°12	27°44	6°20	20°56	19°24	13°42	12°19	19°36	27°20		
M21	17 54 51	29° 0'48	29°34	6°48	16°53	14°28	1°24	27°51	6°23	20°57	19°25	13°43	12°16	19°43	27°16		
T 22	17 58 48	29°58'00	11♂29	7°49	18° 7	15°11	1°36	27°58	6°26	20°58	19°27	13°R44	12°12	19°50	27°12		
W23	18 2 44	0♄55'11	23°33	8°55	19°20	15°53	1°48	28° 5	6°29	20°59	19°28	13°43	12° 9	19°56	27° 8		
T 24	18 6 41	1°52'22	5♂49	10° 4	20°33	16°35	2° 1	28°12	6°33	21° 0	19°29	13°41	12° 6	20° 3	27° 4		
F 25	18 10 38	2°49'33	18°21	11°18	21°47	17°17	2°13	28°19	6°36	21° 1	19°31	13°37	12° 3	20°10	27° 0		
S 26	18 14 34	3°46'44	1♄10	12°35	23° 0	17°59	2°25	28°26	6°39	21° 2	19°32	13°30	12° 0	20°16	26°56		
S 27	18 18 31	4°43'54	14°15	13°56	24°13	18°41	2°38	28°33	6°42	21° 3	19°34	13°22	11°56	20°23	26°52		
M28	18 22 27	5°41'05	27°35	15°20	25°26	19°23	2°50	28°39	6°46	21° 4	19°35	13°14	11°53	20°30	26°48		
T 29	18 26 24	6°38'15	11♄ 9	16°48	26°39	20° 5	3° 2	28°46	6°49	21° 5	19°36	13° 5	11°50	20°36	26°44		
W30	18 30 20	7♄35'25	24♄55	18♂20	27♄53	20♄46	3♄15	28♄53	6♄52	21♄ 6	19♄38	12♄58	11♄47	20♄43	26♄40		

Delta T = 7.44 sec.

Greg. Calendar

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SWISS EPHEMERIS for the year 1706

JULY 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
T 1	18 34 17	8 ^h 32'36	8 ^h 49'	19 ^h 55'	29 ^h 6'	21 ^h 28'	3 ^h 27'	28 ^h 59'	6 ^h 56'	21 ^h 6'	19 ^h 39'	12 ^h R52	11 ^h 8'44	20 ^h 50'	26 ^h R36
F 2	18 38 14	9 ^h 29'47	22 ^h 50'	21 ^h 34'	0 ^h 19'	22 ^h 9'	3 ^h 40'	29 ^h 6'	6 ^h 59'	21 ^h 7'	19 ^h 41'	12 ^h R49	11 ^h 41'	20 ^h 56'	26 ^h R32
S 3	18 42 10	10 ^h 26'58	6 ^h 56'	23 ^h 16'	1 ^h 32'	22 ^h 51'	3 ^h 53'	29 ^h 12'	7 ^h 2'	21 ^h 8'	19 ^h 43'	12 ^h D48	11 ^h 37'	21 ^h 3'	26 ^h 29'
S 4	18 46 7	11 ^h 24'10	21 ^h 5'	25 ^h 1'	2 ^h 45'	23 ^h 32'	4 ^h 5'	29 ^h 19'	7 ^h 6'	21 ^h 9'	19 ^h 44'	12 ^h 48'	11 ^h 34'	21 ^h 10'	26 ^h 25'
M 5	18 50 3	12 ^h 21'22	5 ^h 16'	26 ^h 49'	3 ^h 58'	24 ^h 13'	4 ^h 18'	29 ^h 25'	7 ^h 9'	21 ^h 9'	19 ^h 46'	12 ^h R49	11 ^h 31'	21 ^h 16'	26 ^h 21'
T 6	18 54 0	13 ^h 18'35	19 ^h 27'	28 ^h 41'	5 ^h 11'	24 ^h 54'	4 ^h 31'	29 ^h 32'	7 ^h 13'	21 ^h 10'	19 ^h 47'	12 ^h 49'	11 ^h 28'	21 ^h 23'	26 ^h 17'
W 7	18 57 56	14 ^h 15'48	3 ^h 13'	0 ^h 35'	6 ^h 25'	25 ^h 35'	4 ^h 43'	29 ^h 38'	7 ^h 16'	21 ^h 11'	19 ^h 49'	12 ^h 47'	11 ^h 25'	21 ^h 29'	26 ^h 14'
T 8	19 1 53	15 ^h 13'01	17 ^h 43'	2 ^h 32'	7 ^h 38'	26 ^h 16'	4 ^h 56'	29 ^h 44'	7 ^h 20'	21 ^h 11'	19 ^h 50'	12 ^h 43'	11 ^h 22'	21 ^h 36'	26 ^h 10'
F 9	19 5 49	16 ^h 10'15	1 ^h 34'	4 ^h 31'	8 ^h 51'	26 ^h 56'	5 ^h 9'	29 ^h 50'	7 ^h 23'	21 ^h 12'	19 ^h 52'	12 ^h 36'	11 ^h 18'	21 ^h 43'	26 ^h 6'
S 10	19 9 46	17 ^h 7'30	15 ^h 26'	6 ^h 32'	10 ^h 4'	27 ^h 37'	5 ^h 22'	29 ^h 57'	7 ^h 27'	21 ^h 12'	19 ^h 54'	12 ^h 27'	11 ^h 15'	21 ^h 49'	26 ^h 3'
S 11	19 13 43	18 ^h 4'44	28 ^h 56'	8 ^h 36'	11 ^h 17'	28 ^h 17'	5 ^h 35'	0 ^h 33'	7 ^h 30'	21 ^h 13'	19 ^h 55'	12 ^h 17'	11 ^h 12'	21 ^h 56'	25 ^h 59'
M12	19 17 39	19 ^h 1'59	12 ^h 9'	10 ^h 40'	12 ^h 30'	28 ^h 57'	5 ^h 48'	0 ^h 9'	7 ^h 34'	21 ^h 13'	19 ^h 57'	12 ^h 6'	11 ^h 9'	22 ^h 3'	25 ^h 56'
T 13	19 21 36	19 ^h 59'14	25 ^h 2'	12 ^h 47'	13 ^h 43'	29 ^h 37'	6 ^h 1'	0 ^h 15'	7 ^h 37'	21 ^h 14'	19 ^h 59'	11 ^h 56'	11 ^h 6'	22 ^h 9'	25 ^h 52'
W14	19 25 32	20 ^h 56'30	7 ^h 36'	14 ^h 54'	14 ^h 56'	0 ^h 17'	6 ^h 14'	0 ^h 21'	7 ^h 41'	21 ^h 14'	20 ^h 0'	11 ^h 47'	11 ^h 2'	22 ^h 16'	25 ^h 49'
T 15	19 29 29	21 ^h 53'45	19 ^h 53'	17 ^h 1'	16 ^h 9'	0 ^h 57'	6 ^h 27'	0 ^h 26'	7 ^h 45'	21 ^h 14'	20 ^h 2'	11 ^h 40'	10 ^h 59'	22 ^h 23'	25 ^h 45'
F 16	19 33 25	22 ^h 51'01	1 ^h 57'	19 ^h 9'	17 ^h 22'	1 ^h 37'	6 ^h 39'	0 ^h 32'	7 ^h 48'	21 ^h 15'	20 ^h 4'	11 ^h 36'	10 ^h 56'	22 ^h 29'	25 ^h 42'
S 17	19 37 22	23 ^h 48'17	13 ^h 51'	21 ^h 18'	18 ^h 35'	2 ^h 16'	6 ^h 53'	0 ^h 38'	7 ^h 52'	21 ^h 15'	20 ^h 6'	11 ^h 34'	10 ^h 53'	22 ^h 36'	25 ^h 39'
S 18	19 41 18	24 ^h 45'33	25 ^h 40'	23 ^h 26'	19 ^h 47'	2 ^h 56'	7 ^h 6'	0 ^h 43'	7 ^h 55'	21 ^h 15'	20 ^h 7'	11 ^h D34	10 ^h 50'	22 ^h 43'	25 ^h 35'
M19	19 45 15	25 ^h 42'50	7 ^h 30'	25 ^h 33'	21 ^h 0'	3 ^h 35'	7 ^h 19'	0 ^h 49'	7 ^h 59'	21 ^h 16'	20 ^h 9'	11 ^h R34	10 ^h 47'	22 ^h 49'	25 ^h 32'
T 20	19 49 12	26 ^h 40'07	19 ^h 26'	27 ^h 40'	22 ^h 13'	4 ^h 14'	7 ^h 32'	0 ^h 55'	8 ^h 3'	21 ^h 16'	20 ^h 11'	11 ^h 34'	10 ^h 43'	22 ^h 56'	25 ^h 29'
W21	19 53 8	27 ^h 37'25	1 ^h 33'	29 ^h 46'	23 ^h 26'	4 ^h 53'	7 ^h 45'	1 ^h 0'	8 ^h 6'	21 ^h 16'	20 ^h 13'	11 ^h 32'	10 ^h 40'	23 ^h 3'	25 ^h 26'
T 22	19 57 5	28 ^h 34'43	13 ^h 56'	1 ^h 51'	24 ^h 39'	5 ^h 32'	7 ^h 58'	1 ^h 5'	8 ^h 10'	21 ^h 16'	20 ^h 15'	11 ^h 29'	10 ^h 37'	23 ^h 9'	25 ^h 23'
F 23	20 1 1	29 ^h 32'01	26 ^h 38'	3 ^h 54'	25 ^h 52'	6 ^h 10'	8 ^h 11'	1 ^h 11'	8 ^h 14'	21 ^h 16'	20 ^h 16'	11 ^h 22'	10 ^h 34'	23 ^h 16'	25 ^h 20'
S 24	20 4 58	0 ^h 29'20	9 ^h 42'	5 ^h 57'	27 ^h 4'	6 ^h 49'	8 ^h 24'	1 ^h 16'	8 ^h 17'	21 ^h 16'	20 ^h 18'	11 ^h 14'	10 ^h 31'	23 ^h 23'	25 ^h 17'
S 25	20 8 54	1 ^h 26'40	23 ^h 6'	7 ^h 58'	28 ^h 17'	7 ^h 27'	8 ^h 37'	1 ^h 21'	8 ^h 21'	21 ^h R16	20 ^h 20'	11 ^h 3'	10 ^h 28'	23 ^h 29'	25 ^h 14'
M26	20 12 51	2 ^h 24'00	6 ^h 50'	9 ^h 58'	29 ^h 30'	8 ^h 5'	8 ^h 50'	1 ^h 26'	8 ^h 25'	21 ^h 16'	20 ^h 22'	10 ^h 51'	10 ^h 24'	23 ^h 36'	25 ^h 12'
T 27	20 16 47	3 ^h 21'22	20 ^h 50'	11 ^h 56'	0 ^h 42'	8 ^h 43'	9 ^h 4'	1 ^h 31'	8 ^h 29'	21 ^h 16'	20 ^h 24'	10 ^h 40'	10 ^h 21'	23 ^h 43'	25 ^h 9'
W28	20 20 44	4 ^h 18'44	5 ^h 31'	13 ^h 52'	1 ^h 55'	9 ^h 21'	9 ^h 17'	1 ^h 36'	8 ^h 32'	21 ^h 16'	20 ^h 26'	10 ^h 30'	10 ^h 18'	23 ^h 49'	25 ^h 6'
T 29	20 24 41	5 ^h 16'07	19 ^h 19'	15 ^h 47'	3 ^h 8'	9 ^h 58'	9 ^h 30'	1 ^h 41'	8 ^h 36'	21 ^h 16'	20 ^h 27'	10 ^h 22'	10 ^h 15'	23 ^h 56'	25 ^h 4'
F 30	20 28 37	6 ^h 13'31	3 ^h 38'	17 ^h 41'	4 ^h 20'	10 ^h 36'	9 ^h 43'	1 ^h 46'	8 ^h 40'	21 ^h 16'	20 ^h 29'	10 ^h 17'	10 ^h 12'	24 ^h 2'	25 ^h 1'
S 31	20 32 34	7 ^h 10'56	17 ^h 54'	19 ^h 23'	5 ^h 33'	11 ^h 13'	9 ^h 56'	1 ^h 50'	8 ^h 43'	21 ^h R16	20 ^h 31'	10 ^h R14	10 ^h R8	24 ^h 9'	24 ^h 59'

Delta T = 7.44 sec.

Greg. Calendar

AUGUST 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
S 1	20 36 30	8 ^h 8'23	2 ^h 8'	21 ^h 23'	6 ^h 45'	11 ^h 50'	10 ^h 9'	1 ^h 55'	8 ^h 47'	21 ^h R15	20 ^h 33'	10 ^h R13	10 ^h R5	24 ^h 16'	24 ^h R57
M 2	20 40 27	9 ^h 5'51	16 ^h 10'	23 ^h 11'	7 ^h 58'	12 ^h 27'	10 ^h 23'	1 ^h 59'	8 ^h 51'	21 ^h R15	20 ^h 35'	10 ^h R13	10 ^h 2'	24 ^h 22'	24 ^h R54
T 3	20 44 23	10 ^h 3'20	0 ^h 11'	24 ^h 58'	9 ^h 11'	13 ^h 4'	10 ^h 36'	2 ^h 4'	8 ^h 54'	21 ^h 15'	20 ^h 37'	10 ^h 13'	9 ^h 59'	24 ^h 29'	24 ^h 52'
W 4	20 48 20	11 ^h 0'51	13 ^h 59'	26 ^h 44'	10 ^h 23'	13 ^h 40'	10 ^h 49'	2 ^h 8'	8 ^h 58'	21 ^h 15'	20 ^h 39'	10 ^h 10'	9 ^h 56'	24 ^h 36'	24 ^h 50'
T 5	20 52 16	11 ^h 58'23	21 ^h 49'	28 ^h 28'	11 ^h 35'	14 ^h 16'	11 ^h 2'	2 ^h 13'	9 ^h 2'	21 ^h 14'	20 ^h 41'	10 ^h 5'	9 ^h 53'	24 ^h 42'	24 ^h 48'
F 6	20 56 13	12 ^h 55'57	11 ^h 14'	0 ^h 10'	12 ^h 48'	14 ^h 52'	11 ^h 15'	2 ^h 17'	9 ^h 6'	21 ^h 14'	20 ^h 42'	9 ^h 57'	9 ^h 49'	24 ^h 49'	24 ^h 46'
S 7	21 0 10	13 ^h 53'32	24 ^h 36'	1 ^h 51'	14 ^h 0'	15 ^h 28'	11 ^h 29'	2 ^h 21'	9 ^h 9'	21 ^h 14'	20 ^h 44'	9 ^h 47'	9 ^h 46'	24 ^h 56'	24 ^h 44'
S 8	21 4 6	14 ^h 51'08	7 ^h 46'	3 ^h 30'	15 ^h 13'	16 ^h 4'	11 ^h 42'	2 ^h 25'	9 ^h 13'	21 ^h 13'	20 ^h 46'	9 ^h 34'	9 ^h 43'	25 ^h 2'	24 ^h 42'
M 9	21 8 3	15 ^h 48'45	20 ^h 41'	5 ^h 8'	16 ^h 25'	16 ^h 39'	11 ^h 55'	2 ^h 29'	9 ^h 17'	21 ^h 13'	20 ^h 48'	9 ^h 21'	9 ^h 40'	25 ^h 9'	24 ^h 40'
T 10	21 11 59	16 ^h 46'23	3 ^h 21'	6 ^h 44'	17 ^h 37'	17 ^h 14'	12 ^h 8'	2 ^h 33'	9 ^h 20'	21 ^h 12'	20 ^h 50'	9 ^h 9'	9 ^h 37'	25 ^h 16'	24 ^h 39'
W11	21 15 56	17 ^h 44'03	15 ^h 46'	8 ^h 19'	18 ^h 50'	17 ^h 49'	12 ^h 21'	2 ^h 36'	9 ^h 24'	21 ^h 12'	20 ^h 52'	8 ^h 58'	9 ^h 34'	25 ^h 22'	24 ^h 37'
T 12	21 19 52	18 ^h 41'43	27 ^h 58'	9 ^h 52'	20 ^h 2'	18 ^h 24'	12 ^h 34'	2 ^h 40'	9 ^h 28'	21 ^h 11'	20 ^h 54'	8 ^h 50'	9 ^h 30'	25 ^h 29'	24 ^h 36'
F 13	21 23 49	19 ^h 39'25	9 ^h 57'	11 ^h 24'	21 ^h 14'	18 ^h 58'	12 ^h 48'	2 ^h 44'	9 ^h 32'	21 ^h 11'	20 ^h 56'	8 ^h 45'	9 ^h 27'	25 ^h 36'	24 ^h 34'
S 14	21 27 45	20 ^h 37'07	21 ^h 49'	12 ^h 54'	22 ^h 26'	19 ^h 33'	13 ^h 1'	2 ^h 47'	9 ^h 35'	21 ^h 10'	20 ^h 58'	8 ^h 41'	9 ^h 24'	25 ^h 42'	24 ^h 33'
S 15	21 31 42	21 ^h 34'51	3 ^h 16'	14 ^h 23'	23 ^h 39'	20 ^h 7'	13 ^h 14'	2 ^h 51'	9 ^h 39'	21 ^h 9'	21 ^h 0'	8 ^h D40	9 ^h 21'	25 ^h 49'	24 ^h 32'
M16	21 35 39	22 ^h 32'36	15 ^h 25'	15 ^h 50'	24 ^h 51'	20 ^h 40'	13 ^h 27'	2 ^h 54'	9 ^h 42'	21 ^h 9'	21 ^h 2'	8 ^h 40'	9 ^h 18'	25 ^h 56'	24 ^h 30'
T 17	21 39 35	23 ^h 30'23	27 ^h 20'	17 ^h 15'	26 ^h 3'	21 ^h 14'	13 ^h 40'	2 ^h 57'	9 ^h 46'	21 ^h 8'	21				

SWISS EPHEMERIS for the year 1706

SEPTEMBER 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
W 1	22 38 43	7 ^h 59'47	24 ^h 35	4 ^h 59	13 ^h 59	29 ^h 0	16 ^h 54	3 ^h 33	10 ^h 39	20 ^h 54	21 ^h 32	7 ^h R30	8 ^h 27	27 ^h 42	24 ^h 23	
T 2	22 42 40	8 ^h 57'59	8 ^h 2	5 ^h 52	15 ^h 11	29 ^h 28	17 ^h 6	3 ^h 35	10 ^h 43	20 ^h 53	21 ^h 34	7 ^h 27	8 ^h 24	27 ^h 49	24 ^h 23	
F 3	22 46 37	9 ^h 56'13	21 ^h 15	6 ^h 41	16 ^h 22	29 ^h 56	17 ^h 19	3 ^h 36	10 ^h 46	20 ^h 52	21 ^h 36	7 ^h 21	8 ^h 20	27 ^h 55	24 ^h 24	
S 4	22 50 33	10 ^h 54'29	4 ^h 16	7 ^h 27	17 ^h 34	0 ^h 24	17 ^h 32	3 ^h 38	10 ^h 49	20 ^h 51	21 ^h 37	7 ^h 13	8 ^h 17	28 ^h 2	24 ^h 24	
S 5	22 54 30	11 ^h 52'47	17 ^h 5	8 ^h 10	18 ^h 45	0 ^h 51	17 ^h 44	3 ^h 39	10 ^h 53	20 ^h 50	21 ^h 39	7 ^h 3	8 ^h 14	28 ^h 9	24 ^h 25	
M 6	22 58 26	12 ^h 51'07	29 ^h 41	8 ^h 49	19 ^h 56	1 ^h 18	17 ^h 57	3 ^h 40	10 ^h 56	20 ^h 48	21 ^h 41	6 ^h 53	8 ^h 11	28 ^h 15	24 ^h 25	
T 7	23 2 23	13 ^h 49'29	12 ^h 5	9 ^h 23	21 ^h 7	1 ^h 45	18 ^h 9	3 ^h 41	10 ^h 59	20 ^h 47	21 ^h 43	6 ^h 44	8 ^h 8	28 ^h 22	24 ^h 26	
W 8	23 6 19	14 ^h 47'52	24 ^h 18	9 ^h 54	22 ^h 19	2 ^h 11	18 ^h 22	3 ^h 42	11 ^h 2	20 ^h 46	21 ^h 45	6 ^h 35	8 ^h 5	28 ^h 28	24 ^h 27	
T 9	23 10 16	15 ^h 46'18	6 ^h 20	10 ^h 19	23 ^h 30	2 ^h 37	18 ^h 34	3 ^h 43	11 ^h 6	20 ^h 45	21 ^h 47	6 ^h 29	8 ^h 1	28 ^h 35	24 ^h 28	
F 10	23 14 12	16 ^h 44'45	18 ^h 14	10 ^h 40	24 ^h 41	3 ^h 2	18 ^h 47	3 ^h 44	11 ^h 9	20 ^h 43	21 ^h 48	6 ^h 25	7 ^h 58	28 ^h 42	24 ^h 29	
S 11	23 18 9	17 ^h 43'14	0 ^h 3	10 ^h 55	25 ^h 52	3 ^h 27	18 ^h 59	3 ^h 44	11 ^h 12	20 ^h 42	21 ^h 50	6 ^h 23	7 ^h 55	28 ^h 48	24 ^h 30	
S 12	23 22 6	18 ^h 41'44	11 ^h 49	11 ^h 5	27 ^h 3	3 ^h 51	19 ^h 11	3 ^h 45	11 ^h 15	20 ^h 41	21 ^h 52	6 ^h D23	7 ^h 52	28 ^h 55	24 ^h 31	
M 13	23 26 2	19 ^h 40'17	23 ^h 37	11 ^h R 9	28 ^h 14	4 ^h 15	19 ^h 23	3 ^h 45	11 ^h 18	20 ^h 39	21 ^h 54	6 ^h 24	7 ^h 49	29 ^h 2	24 ^h 32	
T 14	23 29 59	20 ^h 38'51	5 ^h 31	11 ^h 6	29 ^h 25	4 ^h 38	19 ^h 36	3 ^h 46	11 ^h 21	20 ^h 38	21 ^h 55	6 ^h 25	7 ^h 45	29 ^h 8	24 ^h 33	
W 15	23 33 55	21 ^h 37'26	17 ^h 36	10 ^h 57	0 ^h 36	5 ^h 1	19 ^h 48	3 ^h 46	11 ^h 24	20 ^h 36	21 ^h 57	6 ^h R26	7 ^h 42	29 ^h 15	24 ^h 35	
T 16	23 37 52	22 ^h 36'04	29 ^h 58	10 ^h 41	1 ^h 46	5 ^h 24	20 ^h 0	3 ^h R46	11 ^h 27	20 ^h 35	21 ^h 59	6 ^h 26	7 ^h 39	29 ^h 22	24 ^h 36	
F 17	23 41 48	23 ^h 34'43	12 ^h 34	10 ^h 17	2 ^h 57	5 ^h 46	20 ^h 12	3 ^h 46	11 ^h 30	20 ^h 33	22 ^h 0	6 ^h 24	7 ^h 36	29 ^h 28	24 ^h 38	
S 18	23 45 45	24 ^h 33'24	25 ^h 51	9 ^h 47	4 ^h 8	6 ^h 7	20 ^h 24	3 ^h 46	11 ^h 33	20 ^h 32	22 ^h 2	6 ^h 21	7 ^h 33	29 ^h 35	24 ^h 40	
S 19	23 49 41	25 ^h 32'07	9 ^h 28	9 ^h 9	5 ^h 18	6 ^h 28	20 ^h 36	3 ^h 45	11 ^h 36	20 ^h 31	22 ^h 4	6 ^h 16	7 ^h 30	29 ^h 42	24 ^h 41	
M 20	23 53 38	26 ^h 30'51	23 ^h 32	8 ^h 25	6 ^h 29	6 ^h 48	20 ^h 47	3 ^h 45	11 ^h 39	20 ^h 29	22 ^h 5	6 ^h 10	7 ^h 26	29 ^h 48	24 ^h 43	
T 21	23 57 35	27 ^h 29'37	8 ^h 2	7 ^h 34	7 ^h 39	7 ^h 8	20 ^h 59	3 ^h 45	11 ^h 42	20 ^h 28	22 ^h 7	6 ^h 4	7 ^h 23	29 ^h 55	24 ^h 45	
W 22	0 1 31	28 ^h 28'25	22 ^h 52	6 ^h 38	8 ^h 49	7 ^h 27	21 ^h 11	3 ^h 44	11 ^h 45	20 ^h 26	22 ^h 9	5 ^h 58	7 ^h 20	0 ^h 1	24 ^h 47	
T 23	0 5 28	29 ^h 27'15	7 ^h 53	5 ^h 36	10 ^h 0	7 ^h 46	21 ^h 23	3 ^h 43	11 ^h 48	20 ^h 25	22 ^h 10	5 ^h 54	7 ^h 17	0 ^h 8	24 ^h 49	
F 24	0 9 24	0 ^h 26'07	22 ^h 57	4 ^h 31	11 ^h 10	8 ^h 4	21 ^h 34	3 ^h 42	11 ^h 51	20 ^h 23	22 ^h 12	5 ^h 52	7 ^h 14	0 ^h 15	24 ^h 51	
S 25	0 13 21	1 ^h 25'01	7 ^h 55	3 ^h 24	12 ^h 20	8 ^h 22	21 ^h 46	3 ^h 42	11 ^h 53	20 ^h 21	22 ^h 13	5 ^h D51	7 ^h 11	0 ^h 21	24 ^h 54	
S 26	0 17 17	2 ^h 23'57	22 ^h 39	2 ^h 17	13 ^h 30	8 ^h 39	21 ^h 57	3 ^h 41	11 ^h 56	20 ^h 20	22 ^h 15	5 ^h 52	7 ^h 7	0 ^h 28	24 ^h 56	
M 27	0 21 14	3 ^h 22'56	7 ^h 11	1 ^h 10	14 ^h 40	8 ^h 55	22 ^h 9	3 ^h 39	11 ^h 59	20 ^h 18	22 ^h 17	5 ^h 54	7 ^h 4	0 ^h 35	24 ^h 58	
T 28	0 25 10	4 ^h 21'57	21 ^h 10	0 ^h 6	15 ^h 50	9 ^h 11	22 ^h 20	3 ^h 38	12 ^h 1	20 ^h 17	22 ^h 18	5 ^h 55	7 ^h 1	0 ^h 41	25 ^h 1	
W 29	0 29 7	5 ^h 21'00	4 ^h 53	29 ^h 7	17 ^h 0	9 ^h 26	22 ^h 31	3 ^h 37	12 ^h 4	20 ^h 15	22 ^h 20	5 ^h R55	6 ^h 58	0 ^h 48	25 ^h 3	
T 30	0 33 4	6 ^h 20'06	18 ^h 16	28 ^h 15	18 ^h 10	9 ^h 40	22 ^h 42	3 ^h 35	12 ^h 6	20 ^h 13	22 ^h 21	5 ^h 55	6 ^h 55	0 ^h 55	25 ^h 6	

Delta T = 7.45 sec.

Greg. Calendar

OCTOBER 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
F 1	0 37 0	7 ^h 19'14	1 ^h 19	27 ^h R30	19 ^h M20	9 ^h II54	22 ^h 53	3 ^h R34	12 ^h 9	20 ^h R12	22 ^h 23	5 ^h R53	6 ^h 51	1 ^h M 1	25 ^h 9	
S 2	0 40 57	8 ^h 18'25	14 ^h 5	26 ^h 54	20 ^h 29	10 ^h 7	23 ^h 4	3 ^h II32	12 ^h 11	20 ^h Y10	22 ^h 24	5 ^h 50	6 ^h 48	1 ^h 8	25 ^h 12	
S 3	0 44 53	9 ^h 17'37	26 ^h 37	26 ^h 28	21 ^h 39	10 ^h 20	23 ^h 15	3 ^h 31	12 ^h 14	20 ^h 9	22 ^h 25	5 ^h 46	6 ^h 45	1 ^h 15	25 ^h 15	
M 4	0 48 50	10 ^h 16'52	8 ^h 57	26 ^h 12	22 ^h 48	10 ^h 31	23 ^h 26	3 ^h 29	12 ^h 16	20 ^h 7	22 ^h 27	5 ^h 41	6 ^h 42	1 ^h 21	25 ^h 18	
T 5	0 52 46	11 ^h 16'09	21 ^h 7	26 ^h D 7	23 ^h 58	10 ^h 42	23 ^h 37	3 ^h 27	12 ^h 18	20 ^h 5	22 ^h 28	5 ^h 37	6 ^h 39	1 ^h 28	25 ^h 21	
W 6	0 56 43	12 ^h 15'28	3 ^h 8	26 ^h 13	25 ^h 7	10 ^h 52	23 ^h 48	3 ^h 25	12 ^h 21	20 ^h 4	22 ^h 30	5 ^h 33	6 ^h 36	1 ^h 35	25 ^h 24	
T 7	1 0 39	13 ^h 14'49	15 ^h 2	26 ^h 29	26 ^h 16	11 ^h 2	23 ^h 58	3 ^h 22	12 ^h 23	20 ^h 2	22 ^h 31	5 ^h 31	6 ^h 32	1 ^h 41	25 ^h 27	
F 8	1 4 36	14 ^h 14'13	26 ^h 51	26 ^h 56	27 ^h 25	11 ^h 10	24 ^h 9	3 ^h 20	12 ^h 25	20 ^h 0	22 ^h 32	5 ^h 30	6 ^h 29	1 ^h 48	25 ^h 30	
S 9	1 8 32	15 ^h 13'38	8 ^h M38	27 ^h 32	28 ^h 34	11 ^h 18	24 ^h 19	3 ^h 18	12 ^h 27	19 ^h 59	22 ^h 34	5 ^h D29	6 ^h 26	1 ^h 54	25 ^h 34	
S 10	1 12 29	16 ^h 13'05	20 ^h 24	28 ^h 17	29 ^h 43	11 ^h 25	24 ^h 30	3 ^h 15	12 ^h 29	19 ^h 57	22 ^h 35	5 ^h 30	6 ^h 23	2 ^h 1	25 ^h 37	
M 11	1 16 26	17 ^h 12'34	2 ^h 14	29 ^h 10	0 ^h 52	11 ^h 32	24 ^h 40	3 ^h 13	12 ^h 32	19 ^h 55	22 ^h 36	5 ^h 31	6 ^h 20	2 ^h 8	25 ^h 41	
T 12	1 20 22	18 ^h 12'06	14 ^h 10	0 ^h 10	2 ^h 1	11 ^h 37	24 ^h 50	3 ^h 10	12 ^h 34	19 ^h 54	22 ^h 37	5 ^h 33	6 ^h 17	2 ^h 14	25 ^h 44	
W 13	1 24 19	19 ^h 11'39	26 ^h 16	1 ^h 17	3 ^h 9	11 ^h 42	25 ^h 0	3 ^h 7	12 ^h 36	19 ^h 52	22 ^h 39	5 ^h 34	6 ^h 13	2 ^h 21	25 ^h 48	
T 14	1 28 15	20 ^h 11'13	8 ^h 36	2 ^h 30	4 ^h 18	11 ^h 46	25 ^h 10	3 ^h 5	12 ^h 37	19 ^h 50	22 ^h 40	5 ^h 35	6 ^h 10	2 ^h 28	25 ^h 51	
F 15	1 32 12	21 ^h 10'50	21 ^h 16	3 ^h 47	5 ^h 26	11 ^h 49	25 ^h 20	3 ^h 2	12 ^h 39	19 ^h 49	22 ^h 41	5 ^h R36	6 ^h 7	2 ^h 34	25 ^h 55	
S 16	1 36 8	22 ^h 10'28	4 ^h 19	5 ^h 9	6 ^h 35	11 ^h 51	25 ^h 30	2 ^h 59	12 ^h 41	19 ^h 47	22 ^h 42	5 ^h 35	6 ^h 4	2 ^h 41	25 ^h 59	
S 17	1 40 5	23 ^h 10'08	17 ^h 47	6 ^h 35	7 ^h 43	11 ^h 52	25 ^h 39	2 ^h 55	12 ^h 43	19 ^h 45	22 ^h 43	5 ^h 34	6 ^h 1	2 ^h 48	26 ^h 3	
M 18	1 44 2	24 ^h 9'50	1 ^h 44	8 ^h 3	8 ^h 51	11 ^h R53	25 ^h 49	2 ^h 52	12 ^h 45	19 ^h 44	22 ^h 44	5 ^h 33	5 ^h 5			

SWISS EPHEMERIS for the year 1706

NOVEMBER 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
M 1	2 39 13	8♁ 8'58	18♁11	0♁48	24♁27	10°R27	27♁51	1°R59	13♁ 4	19°R21	22♁57	5♁31	5♁13	4♁27	27♁ 9	
T 2	2 43 10	9° 9'10	0♁10	2°27	25°33	10♁14	27°58	1♁55	13° 5	19°P19	22°57	5°32	5°10	4°34	27°14	
W 3	2 47 6	10° 9'24	12° 2	4° 6	26°38	10° 1	28° 6	1°51	13° 6	19°18	22°58	5°32	5° 7	4°41	27°19	
T 4	2 51 3	11° 9'40	23°51	5°44	27°43	9°47	28°14	1°46	13° 7	19°16	22°59	5°33	5° 3	4°47	27°24	
F 5	2 54 59	12° 9'58	5♁38	7°22	28°48	9°32	28°21	1°42	13° 7	19°14	22°59	5°R33	5° 0	4°54	27°29	
S 6	2 58 56	13°10'17	17°26	9° 0	29°53	9°16	28°28	1°37	13° 8	19°13	23° 0	5°33	4°57	5° 0	27°34	
S 7	3 2 53	14°10'39	29°16	10°37	0♁57	8°59	28°35	1°33	13° 9	19°11	23° 1	5°32	4°54	5° 7	27°39	
M 8	3 6 49	15°11'02	11♁12	12°14	2° 1	8°42	28°42	1°28	13° 9	19°10	23° 1	5°31	4°51	5°14	27°45	
T 9	3 10 46	16°11'26	23°16	13°51	3° 5	8°24	28°49	1°24	13°10	19° 9	23° 2	5°29	4°48	5°20	27°50	
W10	3 14 42	17°11'52	5♁29	15°27	4° 9	8° 5	28°56	1°19	13°11	19° 7	23° 2	5°28	4°44	5°27	27°55	
T11	3 18 39	18°12'20	17°54	17° 3	5°13	7°46	29° 2	1°14	13°11	19° 6	23° 2	5°26	4°41	5°34	28° 0	
F 12	3 22 35	19°12'49	0♁35	18°39	6°16	7°26	29° 9	1° 9	13°11	19° 4	23° 3	5°25	4°38	5°40	28° 6	
S 13	3 26 32	20°13'19	13°34	20°14	7°19	7° 6	29°15	1° 5	13°12	19° 3	23° 3	5°24	4°35	5°47	28°11	
S 14	3 30 29	21°13'50	26°54	21°50	8°21	6°46	29°21	1° 0	13°12	19° 2	23° 4	5°D24	4°32	5°54	28°17	
M15	3 34 25	22°14'23	10♁38	23°25	9°23	6°24	29°27	0°55	13°12	19° 0	23° 4	5°24	4°28	6° 0	28°22	
T 16	3 38 22	23°14'57	24°45	24°59	10°25	6° 3	29°32	0°50	13°13	18°59	23° 4	5°26	4°25	6° 7	28°28	
W17	3 42 18	24°15'32	9°P16	26°34	11°27	5°41	29°38	0°45	13°13	18°58	23° 4	5°27	4°22	6°14	28°33	
T 18	3 46 15	25°16'08	24° 6	28° 8	12°28	5°19	29°43	0°40	13°13	18°56	23° 5	5°28	4°19	6°20	28°39	
F 19	3 50 11	26°16'46	9♁10	29°43	13°29	4°57	29°49	0°36	13°R13	18°55	23° 5	5°R28	4°16	6°27	28°45	
S 20	3 54 8	27°17'25	24°20	1♁16	14°29	4°34	29°54	0°31	13°13	18°54	23° 5	5°27	4°13	6°34	28°50	
S 21	3 58 4	28°18'05	9♁26	2°50	15°29	4°11	29°59	0°26	13°13	18°53	23° 5	5°25	4° 9	6°40	28°56	
M22	4 2 1	29°18'47	24°19	4°24	16°29	3°49	0♁ 4	0°21	13°13	18°51	23° 5	5°22	4° 6	6°47	29° 2	
T 23	4 5 58	0♁19'30	8♁51	5°58	17°28	3°26	0° 8	0°16	13°12	18°50	23° 5	5°19	4° 3	6°53	29° 8	
W24	4 9 54	1°20'15	22°58	7°31	18°26	3° 3	0°13	0°11	13°12	18°49	23° 5	5°15	4° 0	7° 0	29°13	
T 25	4 13 51	2°21'01	6♁35	9° 4	19°25	2°40	0°17	0° 6	13°12	18°48	23°R 5	5°12	3°57	7° 7	29°19	
F 26	4 17 47	3°21'49	19°45	10°38	20°22	2°18	0°21	0° 1	13°12	18°47	23° 5	5°10	3°54	7°13	29°25	
S 27	4 21 44	4°22'38	2♁30	12°11	21°20	1°55	0°25	29♁56	13°11	18°46	23° 5	5°D 9	3°50	7°20	29°31	
S 28	4 25 40	5°23'29	14°53	13°44	22°16	1°33	0°29	29°51	13°11	18°45	23° 5	5° 9	3°47	7°27	29°37	
M29	4 29 37	6°24'21	27° 0	15°17	23°12	1°11	0°32	29°46	13°10	18°44	23° 5	5°11	3°44	7°33	29°43	
T 30	4 33 33	7°25'14	8♁55	16♁50	24♁ 8	0♁49	0♁36	29♁42	13♁10	18°P43	23♁ 5	5♁13	3♁41	7♁40	29♁49	

Delta T = 7.48 sec.

Greg. Calendar

DECEMBER 1706

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
W 1	4 37 30	8♁26'09	20♁44	18♁23	25♁ 3	0°R28	0♁39	29°R37	13°R 9	18°R42	23°R 5	5♁14	3♁38	7♁47	29♁55	
T 2	4 41 27	9°27'05	2♁30	19°56	25°58	0♁ 7	0°42	29♁32	13♁ 8	18°P41	23♁ 5	5°R15	3°34	7°53	0♁ 1	
F 3	4 45 23	10°28'02	14°17	21°29	26°51	29♁46	0°45	29°27	13° 7	18°40	23° 5	5°15	3°31	8° 0	0° 7	
S 4	4 49 20	11°29'00	26° 9	23° 1	27°45	29°26	0°47	29°22	13° 7	18°39	23° 4	5°13	3°28	8° 7	0°13	
S 5	4 53 16	12°30'00	8♁ 7	24°34	28°37	29° 6	0°50	29°18	13° 6	18°38	23° 4	5° 8	3°25	8°13	0°19	
M 6	4 57 13	13°31'00	20°14	26° 6	29°29	28°47	0°52	29°13	13° 5	18°37	23° 4	5° 3	3°22	8°20	0°26	
T 7	5 1 9	14°32'01	2♁31	27°38	0♁20	28°29	0°54	29° 8	13° 4	18°37	23° 3	4°55	3°19	8°26	0°32	
W 8	5 5 6	15°33'03	14°59	29°10	1°10	28°11	0°56	29° 4	13° 3	18°36	23° 3	4°48	3°15	8°33	0°38	
T 9	5 9 2	16°34'06	27°38	0♁42	2° 0	27°54	0°58	28°59	13° 2	18°35	23° 3	4°40	3°12	8°40	0°44	
F 10	5 12 59	17°35'09	10♁30	2°14	2°48	27°38	0°59	28°55	13° 1	18°34	23° 2	4°33	3° 9	8°46	0°50	
S 11	5 16 56	18°36'13	23°36	3°45	3°36	27°22	1° 0	28°50	13° 0	18°34	23° 2	4°29	3° 6	8°53	0°56	
S 12	5 20 52	19°37'17	6♁56	5°15	4°23	27° 7	1° 2	28°46	12°58	18°33	23° 1	4°26	3° 3	9° 0	1° 3	
M13	5 24 49	20°38'22	20°32	6°45	5° 9	26°53	1° 3	28°41	12°57	18°33	23° 1	4°D25	3° 0	9° 6	1° 9	
T 14	5 28 45	21°39'26	4°P26	8°14	5°54	26°39	1° 3	28°37	12°56	18°32	23° 0	4°26	2°56	9°13	1°15	
W15	5 32 42	22°40'31	18°37	9°42	6°38	26°27	1° 4	28°33	12°55	18°31	23° 0	4°27	2°53	9°20	1°21	
T 16	5 36 38	23°41'37	3♁ 5	11° 9	7°20	26°15	1° 4	28°28	12°53	18°31	22°59	4°R27	2°50	9°26	1°28	
F 17	5 40 35	24°42'42	17°46	12°35	8° 2	26° 4	1°R 4	28°24	12°52	18°30	22°58	4°27	2°47	9°33	1°34	
S 18	5 44 31	25°43'49	2♁36	13°59	8°42	25°53	1° 4	28°20	12°50	18°30	22°58	4°24	2°44	9°40	1°40	
S 19	5 48 28	26°44'55	17°27	15°21	9°22	25°44	1° 4	28°16	12°49	18°30	22°57	4°18	2°40	9°46	1°47	
M20	5 52 25	27°46'02	2♁12	16°41	10° 0	25°35	1° 4	28°12	12°47	18°29	22°56	4°11	2°37	9°53	1°53	
T 21	5 56 21	28°47'09	16°42	17°59	10°36	25°27	1° 3	28° 8	12°45	18°29	22°56	4° 2	2°34	10° 0	1°59	
W22	6 0 18	29°48'17	0♁51	19°13	11°12	25°20	1° 2	28° 4	12°44	18°29	22°55	3°52	2°31	10° 6	2° 5	
T 23	6 4 14	0♁49'25	14°34	20°24	11°46	25°14	1° 1	28° 1	12°42	18°28	22°54	3°43	2°28	10°13	2°12	
F 24	6 8 11	1°50'33	27°50	21°30	12°18	25° 9	1° 0	27°57	12°40	18°28	22°53	3°36	2°25	10°19	2°18	
S 25	6 12 7	2°51'42	10♁39	22°32	12°49	25° 4	0°59	27°54	12°39	18°28	22°53	3°31	2°21	10°26	2°24	
S 26	6 16 4	3°52'51	23° 7	23°28	13°18	25° 1	0°57	27°50	12°37	18°28	22°52	3°29	2°18	10°33	2°31	
M27	6 20 1	4°54'01	5♁15	24°17	13°46	24°58	0°55	27°47	12°35	18°28	22°51	3°D28	2°15	10°39	2°37	
T 28	6 23 57	5°55'11	17°11	25° 0	14°11	24°56	0°53	27°43	12°33	18°28	22°50	3°28	2°12	10°46	2°43	
W29	6 27 54	6°56'22	28°59	25°34	14°36	24°54	0°51	27°40	12°31	18°27	22°49	3°R29	2° 9	10°53	2°49	
T 30	6 31 50	7°57'32	10♁46	25°59	14°58	24°D54	0°49	27°37	12°29	18°D27	22°48	3°29	2° 6	10°59	2°56	
F 31	6 35 47	8°58'43	22♁35	26♁14	15♁18	24♁54	0♁46	27♁34	12♁27	18°P27	22♁47	3♁27	2♁ 2	11♁ 6	3♁ 2	

Delta T = 7.50 sec.

Greg. Calendar

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