

SWISS EPHEMERIS for the year 1505

JANUARY 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	7 18 53	20♁14'22	1♂40	0♁14	8♁ 7	16♁36	14°R36	29°R 8	13♁ 7	25♁28	6♁33	6°R55	8♁22	13♁ 4	13°R 2								
T 2	7 22 50	21°15'29	13°39	1°38	9°23	17°22	14♁30	29° 3	13° 9	25°30	6°35	6♁47	8°19	13°11	12♁58								
F 3	7 26 46	22°16'35	25°33	3° 3	10°38	18° 9	14°23	28°59	13°12	25°32	6°37	6°38	8°16	13°18	12°54								
S 4	7 30 43	23°17'41	7♁24	4°29	11°53	18°56	14°16	28°54	13°14	25°34	6°38	6°29	8°13	13°24	12°50								
S 5	7 34 39	24°18'46	19°14	5°55	13° 8	19°42	14° 9	28°49	13°16	25°37	6°40	6°21	8° 9	13°31	12°46								
M 6	7 38 36	25°19'51	1♁ 5	7°23	14°23	20°29	14° 1	28°44	13°19	25°39	6°42	6°14	8° 6	13°38	12°41								
T 7	7 42 32	26°20'55	12°59	8°51	15°38	21°16	13°54	28°39	13°22	25°41	6°44	6°10	8° 3	13°44	12°37								
W 8	7 46 29	27°21'58	24°57	10°19	16°53	22° 3	13°47	28°34	13°24	25°43	6°45	6° 7	8° 0	13°51	12°33								
T 9	7 50 26	28°23'00	7♁ 1	11°49	18° 7	22°49	13°39	28°29	13°27	25°46	6°47	6°D 6	7°57	13°58	12°28								
F 10	7 54 22	29°24'00	19°15	13°19	19°22	23°36	13°32	28°24	13°29	25°48	6°49	6° 7	7°54	14° 5	12°24								
S 11	7 58 19	0♁25'00	1°V42	14°50	20°37	24°23	13°24	28°19	13°32	25°50	6°50	6° 9	7°50	14°11	12°19								
S 12	8 2 15	1°25'58	14°24	16°22	21°52	25°10	13°17	28°14	13°35	25°53	6°52	6°10	7°47	14°18	12°15								
M13	8 6 12	2°26'56	27°27	17°54	23° 7	25°57	13° 9	28° 9	13°38	25°55	6°53	6°R11	7°44	14°25	12°10								
T 14	8 10 8	3°27'52	10♁53	19°27	24°22	26°44	13° 1	28° 4	13°40	25°57	6°55	6°11	7°41	14°31	12° 6								
W15	8 14 5	4°28'46	24°45	21° 0	25°37	27°31	12°54	28° 0	13°43	25°59	6°56	6°10	7°38	14°38	12° 1								
T 16	8 18 1	5°29'40	9♁ 2	22°35	26°51	28°18	12°46	27°55	13°46	26° 2	6°58	6° 7	7°35	14°45	11°57								
F 17	8 21 58	6°30'32	23°43	24°10	28° 6	29° 5	12°38	27°50	13°49	26° 4	6°59	6° 3	7°31	14°51	11°52								
S 18	8 25 55	7°31'22	8♁43	25°45	29°21	29°52	12°30	27°45	13°52	26° 6	7° 0	5°58	7°28	14°58	11°48								
S 19	8 29 51	8°32'12	23°53	27°22	0♁35	0♁39	12°22	27°40	13°55	26° 8	7° 2	5°54	7°25	15° 5	11°43								
M20	8 33 48	9°33'00	9♁ 4	28°59	1°50	1°26	12°14	27°35	13°58	26°11	7° 3	5°51	7°22	15°12	11°38								
T 21	8 37 44	10°33'46	24° 5	0♁37	3° 5	2°13	12° 6	27°31	14° 1	26°13	7° 4	5°50	7°19	15°18	11°34								
W22	8 41 41	11°34'32	8♁48	2°16	4°19	3° 0	11°58	27°26	14° 4	26°15	7° 6	5°D49	7°15	15°25	11°29								
T 23	8 45 37	12°35'16	23° 8	3°55	5°34	3°47	11°50	27°21	14° 7	26°17	7° 7	5°50	7°12	15°32	11°24								
F 24	8 49 34	13°35'59	7♁ 0	5°36	6°48	4°34	11°42	27°17	14°10	26°19	7° 8	5°51	7° 9	15°38	11°20								
S 25	8 53 30	14°36'41	20°26	7°17	8° 3	5°21	11°34	27°12	14°13	26°22	7° 9	5°53	7° 6	15°45	11°15								
S 26	8 57 27	15°37'22	3♁25	8°59	9°17	6° 8	11°26	27° 7	14°16	26°24	7°11	5°54	7° 3	15°52	11°10								
M27	9 1 24	16°38'02	16° 3	10°42	10°32	6°55	11°18	27° 3	14°19	26°26	7°12	5°R55	7° 0	15°58	11° 6								
T 28	9 5 20	17°38'41	28°22	12°25	11°46	7°42	11°11	26°59	14°22	26°28	7°13	5°54	6°56	16° 5	11° 1								
W29	9 9 17	18°39'18	10♁27	14°10	13° 0	8°30	11° 3	26°54	14°26	26°30	7°14	5°53	6°53	16°12	10°57								
T 30	9 13 13	19°39'55	22°23	15°55	14°15	9°17	10°55	26°50	14°29	26°32	7°15	5°51	6°50	16°18	10°52								
F 31	9 17 10	20°40'30	4♁14	17°42	15♁29	10♁ 4	10♁47	26°45	14♁32	26♁35	7♁16	5♁49	6♁47	16♁25	10♁47								

Delta T = 189.46 sec. Julian Calendar 1 Jan. 1505 == Greg. Calendar 11 Jan. 1505

FEBRUARY 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	9 21 6	21♁41'03	16♁ 4	19♁29	16♁43	10♁51	10°R39	26°R41	14♁35	26♁37	7♁17	5°R46	6♁44	16♁32	10°R43								
S 2	9 25 3	22°41'35	27°55	21°17	17°57	11°38	10♁32	26°37	14°38	26°39	7°18	5♁44	6°41	16°39	10♁38								
M 3	9 29 0	23°42'06	9♁49	23° 6	19°12	12°26	10°24	26°33	14°42	26°41	7°19	5°42	6°37	16°45	10°34								
T 4	9 32 56	24°42'35	21°50	24°56	20°26	13°13	10°17	26°29	14°45	26°43	7°20	5°41	6°34	16°52	10°29								
W 5	9 36 53	25°43'03	3♁59	26°46	21°40	14° 0	10° 9	26°25	14°48	26°45	7°20	5°D41	6°31	16°59	10°25								
T 6	9 40 49	26°43'29	16°17	28°38	22°54	14°47	10° 2	26°21	14°51	26°47	7°21	5°41	6°28	17° 5	10°21								
F 7	9 44 46	27°43'52	28°46	0♁30	24° 8	15°34	9°54	26°17	14°55	26°49	7°22	5°42	6°25	17°12	10°16								
S 8	9 48 42	28°44'15	11°V27	2°23	25°22	16°22	9°47	26°13	14°58	26°51	7°23	5°43	6°21	17°19	10°12								
S 9	9 52 39	29°44'35	24°23	4°16	26°36	17° 9	9°40	26°10	15° 1	26°53	7°23	5°43	6°18	17°25	10° 8								
M10	9 56 35	0♁44'53	7♁34	6°10	27°50	17°56	9°33	26° 6	15° 5	26°55	7°24	5°44	6°15	17°32	10° 3								
T 11	10 0 32	1°45'09	21° 2	8° 4	29° 4	18°43	9°26	26° 3	15° 8	26°57	7°25	5°44	6°12	17°39	9°59								
W12	10 4 28	2°45'23	4♁48	9°59	0°V17	19°31	9°19	25°59	15°12	26°59	7°25	5°R44	6° 9	17°45	9°55								
T 13	10 8 25	3°45'36	18°52	11°54	1°31	20°18	9°13	25°56	15°15	27° 1	7°26	5°44	6° 6	17°52	9°51								
F 14	10 12 22	4°45'46	3♁14	13°48	2°45	21° 5	9° 6	25°52	15°18	27° 3	7°26	5°44	6° 2	17°59	9°47								
S 15	10 16 18	5°45'54	17°49	15°43	3°58	21°52	9° 0	25°49	15°22	27° 5	7°27	5°D44	5°59	18° 6	9°43								
S 16	10 20 15	6°45'59	2♁34	17°36	5°12	22°40	8°53	25°46	15°25	27° 7	7°27	5°44	5°56	18°12	9°39								
M17	10 24 11	7°46'03	17°22	19°29	6°26	23°27	8°47	25°43	15°29	27° 8	7°28	5°44	5°53	18°19	9°35								
T 18	10 28 8	8°46'05	2♁ 6	21°20	7°39	24°14	8°41	25°40	15°32	27°10	7°28	5°R44	5°50	18°26	9°32								
W19	10 32 4	9°46'04	16°39	23° 9	8°52	25° 1	8°35	25°37	15°35	27°12	7°29	5°44	5°47	18°32	9°28								
T 20	10 36 1	10°46'02	0♁55	24°57	10° 6	25°49	8°29	25°35	15°39	27°14	7°29	5°44	5°43	18°39	9°24								
F 21	10 39 57	11°45'58	14°50	26°42	11°19	26°36	8°24	25°32	15°42	27°16	7°29	5°43	5°40	18°46	9°21								
S 22	10 43 54	12°45'52	28°20	28°23	12°32	27°23	8°18	25°29	15°46	27°17	7°29	5°42	5°37	18°52	9°17								
S 23	10 47 51	13°45'44	11♁26	0°V 1	13°46	28°10	8°13	25°27	15°49	27°19	7°30	5°41	5°34	18°59	9°14								
M24	10 51 47	14°45'35	24°10	1°35	14°59	28°57	8° 8	25°25	15°52	27°21	7°30	5°41	5°31	19° 6	9°10								
T 25	10 55 44	15°45'24	6♁34	3° 5	16°12	29°45	8° 3	25°22	15°56	27°22	7°30	5°40	5°27	19°12	9° 7								
W26	10 59 40	16°45'12	18°42	4°29	17°25	0♁32	7°58	25°20	15°59	27°24	7°30	5°D40	5°24	19°19	9° 4								
T 27	11 3 37	17°44'57	0♁40	5°47	18°38	1°19	7°53	25°18	16° 3	27°26	7°30	5°40	5°21	19°26	9° 1								
F 28	11 7 33	18♁44'41	12♁31	7°V 0	19°V51	2♁ 6	7♁48	25°16	16♁ 6	27♁27	7♁30	5♁41	5♁18	19♁32	8♁58								

Delta T = 189.38 sec. Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1505

MARCH 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	11 11 30	19°44'23	24°20	8°Y 6	21°Y 4	2°X 53	7°R44	25°R14	16°X10	27°Z29	7°R30	5°X42	5°X15	19°Z39	8°R55
S 2	11 15 26	20°44'04	6°X13	9° 5	22°16	3°41	7°L40	25°E13	16°13	27°30	7°X30	5°44	5°12	19°46	8°L52
M 3	11 19 23	21°43'42	18°12	9°57	23°29	4°28	7°36	25°11	16°17	27°32	7°30	5°45	5° 8	19°52	8°49
T 4	11 23 20	22°43'18	0°X20	10°41	24°42	5°15	7°32	25° 9	16°20	27°33	7°30	5°R46	5° 5	19°59	8°47
W 5	11 27 16	23°42'53	12°41	11°18	25°55	6° 2	7°28	25° 8	16°23	27°35	7°30	5°46	5° 2	20° 6	8°44
T 6	11 31 13	24°42'25	25°16	11°47	27° 7	6°49	7°25	25° 7	16°27	27°36	7°30	5°45	4°59	20°13	8°42
F 7	11 35 9	25°41'56	8°Y 5	12° 8	28°20	7°36	7°21	25° 5	16°30	27°38	7°30	5°43	4°56	20°19	8°39
S 8	11 39 6	26°41'24	21° 9	12°21	29°32	8°23	7°18	25° 4	16°34	27°39	7°29	5°40	4°53	20°26	8°37
S 9	11 43 2	27°40'50	4°Z27	12°R27	0°X44	9°10	7°15	25° 3	16°37	27°41	7°29	5°36	4°49	20°33	8°35
M10	11 46 59	28°40'14	17°57	12°24	1°57	9°57	7°12	25° 2	16°40	27°42	7°29	5°33	4°46	20°39	8°33
T 11	11 50 55	29°39'36	1°II40	12°15	3° 9	10°44	7°10	25° 2	16°44	27°43	7°29	5°30	4°43	20°46	8°31
W12	11 54 52	0°Y38'55	15°33	11°58	4°21	11°31	7° 7	25° 1	16°47	27°45	7°28	5°28	4°40	20°53	8°29
T 13	11 58 49	1°38'12	29°36	11°35	5°33	12°18	7° 5	25° 0	16°50	27°46	7°28	5°D28	4°37	20°59	8°27
F 14	12 2 45	2°37'27	13°E46	11° 5	6°45	13° 5	7° 3	25° 0	16°54	27°47	7°27	5°28	4°33	21° 6	8°25
S 15	12 6 42	3°36'39	28° 2	10°31	7°57	13°52	7° 1	25° 0	16°57	27°48	7°27	5°29	4°30	21°13	8°24
S 16	12 10 38	4°35'49	12°L21	9°52	9° 9	14°39	6°59	24°59	17° 0	27°49	7°27	5°31	4°27	21°19	8°22
M17	12 14 35	5°34'57	26°41	9° 9	10°20	15°26	6°58	24°59	17° 4	27°51	7°26	5°32	4°24	21°26	8°21
T 18	12 18 31	6°34'02	10°II58	8°23	11°32	16°13	6°57	24°D59	17° 7	27°52	7°25	5°R32	4°21	21°33	8°19
W19	12 22 28	7°33'05	25° 8	7°36	12°44	17° 0	6°56	24°59	17°10	27°53	7°25	5°31	4°18	21°39	8°18
T 20	12 26 24	8°32'06	9°X 6	6°48	13°55	17°46	6°55	25° 0	17°14	27°54	7°24	5°28	4°14	21°46	8°17
F 21	12 30 21	9°31'05	22°48	6° 0	15° 6	18°33	6°54	25° 0	17°17	27°55	7°24	5°23	4°11	21°53	8°16
S 22	12 34 18	10°30'02	6°II12	5°13	16°18	19°20	6°53	25° 0	17°20	27°56	7°23	5°17	4° 8	21°59	8°15
S 23	12 38 14	11°28'57	19°16	4°28	17°29	20° 7	6°53	25° 1	17°23	27°57	7°22	5°11	4° 5	22° 6	8°15
M24	12 42 11	12°27'50	2°X 0	3°45	18°40	20°53	6°D53	25° 2	17°27	27°58	7°22	5° 6	4° 2	22°13	8°14
T 25	12 46 7	13°26'41	14°26	3° 6	19°51	21°40	6°53	25° 2	17°30	27°59	7°21	5° 1	3°58	22°19	8°13
W26	12 50 4	14°25'31	26°36	2°30	21° 2	22°27	6°53	25° 3	17°33	27°59	7°20	4°57	3°55	22°26	8°13
T 27	12 54 0	15°24'19	8°Z35	1°59	22°13	23°13	6°53	25° 4	17°36	28° 0	7°19	4°56	3°52	22°33	8°13
F 28	12 57 57	16°23'05	20°27	1°33	23°24	24° 0	6°54	25° 5	17°39	28° 1	7°18	4°D55	3°49	22°40	8°12
S 29	13 1 53	17°21'49	2°X17	1°11	24°34	24°46	6°55	25° 6	17°42	28° 2	7°18	4°56	3°46	22°46	8°12
S 30	13 5 50	18°20'32	14°10	0°55	25°45	25°33	6°56	25° 8	17°45	28° 3	7°17	4°58	3°43	22°53	8°D12
M31	13 9 47	19°Y19'12	26°X12	0°Y44	26°X55	26°X19	6°L57	25°E 9	17°X48	28°Z 3	7°X16	4°X59	3°X39	23°Z 0	8°L12

Delta T = 189.30 sec. Julian Calendar 1 March 1505 == Greg. Calendar 11 March 1505

APRIL 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	13 13 43	20°Y17'51	8°X26	0°R38	28°X 6	27°X 6	6°L58	25°E11	17°X51	28°Z 4	7°R15	4°R59	3°X36	23°Z 6	8°L12
W 2	13 17 40	21°16'29	20°57	0°D37	29°16	27°52	7° 0	25°12	17°54	28° 5	7°X14	4°X58	3°33	23°13	8°13
T 3	13 21 36	22°15'04	3°Y46	0°Y41	0°II26	28°39	7° 1	25°14	17°57	28° 5	7°13	4°55	3°30	23°20	8°13
F 4	13 25 33	23°13'37	16°54	0°50	1°36	29°25	7° 3	25°16	18° 0	28° 6	7°12	4°49	3°27	23°26	8°14
S 5	13 29 29	24°12'09	0°X22	1° 4	2°46	0°Y11	7° 5	25°18	18° 3	28° 6	7°11	4°42	3°24	23°33	8°14
S 6	13 33 26	25°10'39	14° 6	1°23	3°56	0°57	7° 8	25°20	18° 6	28° 7	7°10	4°34	3°20	23°40	8°15
M 7	13 37 22	26° 9'07	28° 4	1°47	5° 6	1°44	7°10	25°22	18° 9	28° 7	7° 9	4°25	3°17	23°46	8°16
T 8	13 41 19	27° 7'33	12°II11	2°14	6°15	2°30	7°13	25°24	18°12	28° 8	7° 8	4°18	3°14	23°53	8°17
W 9	13 45 16	28° 5'56	26°22	2°46	7°25	3°16	7°15	25°26	18°15	28° 8	7° 6	4°12	3°11	24° 0	8°18
T 10	13 49 12	29° 4'18	10°E35	3°22	8°34	4° 2	7°18	25°29	18°18	28° 9	7° 5	4° 8	3° 8	24° 6	8°19
F 11	13 53 9	0°X 2'38	24°47	4° 2	9°43	4°48	7°22	25°31	18°20	28° 9	7° 4	4°D 7	3° 4	24°13	8°20
S 12	13 57 5	1° 0'55	8°L55	4°46	10°53	5°34	7°25	25°34	18°23	28° 9	7° 3	4° 7	3° 1	24°20	8°22
S 13	14 1 2	1°59'10	22°58	5°33	12° 2	6°20	7°28	25°37	18°26	28° 9	7° 2	4° 8	2°58	24°26	8°23
M14	14 4 58	2°57'23	6°II56	6°23	13°10	7° 6	7°32	25°40	18°29	28°10	7° 0	4°R 8	2°55	24°33	8°25
T 15	14 8 55	3°55'34	20°47	7°17	14°19	7°52	7°36	25°43	18°31	28°10	6°59	4° 7	2°52	24°40	8°27
W16	14 12 51	4°53'43	4°L30	8°14	15°28	8°38	7°40	25°46	18°34	28°10	6°58	4° 3	2°49	24°46	8°28
T 17	14 16 48	5°51'50	18° 3	9°14	16°36	9°24	7°44	25°49	18°36	28°10	6°56	3°57	2°45	24°53	8°30
F 18	14 20 44	6°49'56	1°III24	10°16	17°44	10°10	7°48	25°52	18°39	28°10	6°55	3°49	2°42	25° 0	8°32
S 19	14 24 41	7°47'59	14°32	11°22	18°53	10°55	7°53	25°55	18°41	28°10	6°54	3°38	2°39	25° 6	8°35
S 20	14 28 38	8°46'01	27°24	12°30	20° 1	11°41	7°57	25°59	18°44	28°10	6°52	3°27	2°36	25°13	8°37
M21	14 32 34	9°44'02	10°X 1	13°41	21° 9	12°27	8° 2	26° 2	18°46	28°R11	6°51	3°16	2°33	25°20	8°39
T 22	14 36 31	10°42'01	22°23	14°55	22°16	13°12	8° 7	26° 6	18°49	28°11	6°50	3° 6	2°30	25°26	8°41
W23	14 40 27	11°39'59	4°Z31	16°10	23°24	13°58	8°12	26°10	18°51	28°10	6°48	2°58	2°26	25°33	8°44
T 24	14 44 24	12°37'55	16°28	17°29	24°31	14°43	8°17	26°13	18°54	28°10	6°47	2°53	2°23	25°40	8°47
F 25	14 48 20	13°35'50	28°20	18°49	25°38	15°29	8°23	26°17	18°56	28°10	6°45	2°49	2°20	25°46	8°49
S 26	14 52 17	14°33'43	10°X 9	20°12	26°45	16°14	8°28	26°21	18°58	28°10	6°44	2°D48	2°17	25°53	8°52
S 27	14 56 14	15°31'36	22° 2	21°38	27°52	17° 0	8°34	26°25	19° 0	28°10	6°42	2°48	2°14	26° 0	8°55
M28	15 0 10	16°29'27	4°X 4	23° 5	28°59	17°45	8°40	26°29	19° 3	28°10	6°41	2°R49	2°10	26° 6	8°58
T 29	15 4 7	17°27'16	16°20	24°35	0°E 6	18°30	8°46	26°34	19° 5	28° 9	6°40	2°48	2° 7	26°13	9° 1
W30	15 8 3	18°25'05	28°X55	26°Y 7	1°E12	19°Y16	8°L52	26°E38	19°X 7	28°Z 9	6°X38	2°X45	2°X 4	26°Z20	9°L 5

Delta T = 189.22 sec. Julian Calendar created from Swiss Ephemeris, Copyright AstroDienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1505

MAY 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
T 1	15 12 0	19♌22'52	11♋52	27♋41	2♄18	20♋1	8♌58	26♄42	19♋9	28♋9	6♌36	2♋40	2♋1	26♄26	9♌8	
F 2	15 15 56	20°20'38	25°14	29°18	3°24	20°46	9°5	26°47	19°11	28♄9	6♌35	2♋33	1°58	26°33	9°11	
S 3	15 19 53	21°18'23	9♄0	0♄56	4°30	21°31	9°11	26°51	19°13	28°8	6°33	2°23	1°55	26°40	9°15	
S 4	15 23 49	22°16'06	23°7	2°37	5°36	22°16	9°18	26°56	19°15	28°8	6°32	2°12	1°51	26°46	9°18	
M 5	15 27 46	23°13'49	7♋31	4°20	6°41	23°1	9°25	27°1	19°17	28°7	6°30	2°0	1°48	26°53	9°22	
T 6	15 31 43	24°11'30	22°4	6°5	7°46	23°46	9°32	27°6	19°19	28°7	6°29	1°50	1°45	27°0	9°26	
W 7	15 35 39	25°9'09	6♄40	7°52	8°51	24°31	9°39	27°10	19°21	28°6	6°27	1°42	1°42	27°7	9°30	
T 8	15 39 36	26°6'48	21°13	9°42	9°56	25°16	9°46	27°15	19°23	28°6	6°26	1°36	1°39	27°13	9°34	
F 9	15 43 32	27°4'24	5♌37	11°33	11°1	26°1	9°54	27°20	19°24	28°5	6°24	1°33	1°36	27°20	9°38	
S 10	15 47 29	28°1'59	19°49	13°27	12°5	26°45	10°1	27°26	19°26	28°5	6°22	1°32	1°32	27°27	9°42	
S 11	15 51 25	28°59'33	3♎49	15°22	13°9	27°30	10°9	27°31	19°28	28°4	6°21	1°32	1°29	27°33	9°46	
M 12	15 55 22	29°57'05	17°35	17°20	14°13	28°15	10°16	27°36	19°29	28°4	6°19	1°31	1°26	27°40	9°51	
T 13	15 59 18	0♐54'35	1♌9	19°20	15°16	28°59	10°24	27°41	19°31	28°3	6°18	1°29	1°23	27°47	9°55	
W 14	16 3 15	1°52'04	14°31	21°22	16°20	29°44	10°32	27°47	19°33	28°2	6°16	1°25	1°20	27°53	9°59	
T 15	16 7 12	2°49'32	27°42	23°25	17°23	0♄28	10°40	27°52	19°34	28°1	6°14	1°18	1°16	28°0	10°4	
F 16	16 11 8	3°46'59	10♎41	25°31	18°25	1°12	10°49	27°58	19°36	28°1	6°13	1°8	1°13	28°7	10°9	
S 17	16 15 5	4°44'25	23°29	27°38	19°28	1°57	10°57	28°3	19°37	28°0	6°11	0°56	1°10	28°13	10°13	
S 18	16 19 1	5°41'49	6♌5	29°46	20°30	2°41	11°5	28°9	19°38	27°59	6°10	0°43	1°7	28°20	10°18	
M 19	16 22 58	6°39'13	18°29	1♐56	21°32	3°25	11°14	28°15	19°40	27°58	6°8	0°30	1°4	28°27	10°23	
T 20	16 26 54	7°36'36	0♄41	4°6	22°33	4°9	11°23	28°20	19°41	27°57	6°6	0°18	1°1	28°33	10°28	
W 21	16 30 51	8°33'58	12°43	6°17	23°35	4°54	11°32	28°26	19°42	27°56	6°5	0°8	0°57	28°40	10°33	
T 22	16 34 47	9°31'20	24°37	8°29	24°36	5°38	11°40	28°32	19°43	27°56	6°3	0°1	0°54	28°47	10°38	
F 23	16 38 44	10°28'40	6♌27	10°41	25°36	6°22	11°49	28°38	19°45	27°55	6°1	29°57	0°51	28°53	10°44	
S 24	16 42 41	11°26'00	18°15	12°53	26°36	7°6	11°59	28°44	19°46	27°54	6°0	29°55	0°48	29°0	10°49	
S 25	16 46 37	12°23'20	0♈7	15°5	27°36	7°49	12°8	28°50	19°47	27°53	5°58	29°D54	0°45	29°7	10°54	
M 26	16 50 34	13°20'39	12°8	17°16	28°36	8°33	12°17	28°56	19°48	27°52	5°57	29°R54	0°42	29°13	11°0	
T 27	16 54 30	14°17'58	24°23	19°26	29°35	9°17	12°27	29°3	19°49	27°51	5°55	29°54	0°38	29°20	11°5	
W 28	16 58 27	15°15'16	6♋58	21°35	0♐33	10°1	12°36	29°9	19°50	27°50	5°53	29°52	0°35	29°27	11°11	
T 29	17 2 23	16°12'34	19°56	23°43	1°32	10°44	12°46	29°15	19°51	27°48	5°52	29°48	0°32	29°33	11°16	
F 30	17 6 20	17°9'51	3♄22	25°50	2°30	11°28	12°55	29°22	19°51	27°47	5°50	29°42	0°29	29°40	11°22	
S 31	17 10 16	18°II'708	17♋16	27°II'55	3♌27	12♋11	13♌5	29♄28	19♋52	27♄46	5♌49	29♌33	0♈26	29♄47	11♌28	

Delta T = 189.14 sec. Julian Calendar 1 May 1505 == Greg. Calendar 11 May 1505

JUNE 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌
S 1	17 14 13	19♐4'25	1♐35	29♐58	4♌24	12♋55	13♌15	29♄34	19♋53	27°R45	5°R47	29°R23	0♈22	29♄53	11♌34	
M 2	17 18 10	20°1'41	16°16	1♄59	5°21	13°38	13°25	29°41	19°54	27♄44	5♌46	29°R13	0°19	29°59	11°40	
T 3	17 22 6	20°58'57	1♄10	3°58	6°17	14°22	13°35	29°48	19°54	27°43	5°44	29°4	0°16	0♈7	11°46	
W 4	17 26 3	21°56'13	16°9	5°55	7°13	15°5	13°45	29°54	19°55	27°41	5°42	28°56	0°13	0°13	11°52	
T 5	17 29 59	22°53'28	1♌3	7°50	8°8	15°48	13°56	0♌1	19°55	27°40	5°41	28°51	0°10	0°20	11°58	
F 6	17 33 56	23°50'42	15°45	9°43	9°2	16°31	14°6	0°8	19°56	27°39	5°39	28°49	0°7	0°27	12°4	
S 7	17 37 52	24°47'56	0♎11	11°34	9°56	17°14	14°16	0°14	19°56	27°38	5°38	28°D48	0°3	0°33	12°10	
S 8	17 41 49	25°45'09	14°17	13°22	10°50	17°57	14°27	0°21	19°57	27°36	5°36	28°48	0°0	0°40	12°17	
M 9	17 45 45	26°42'21	28°3	15°8	11°43	18°40	14°37	0°28	19°57	27°35	5°35	28°R49	29°57	0°47	12°23	
T 10	17 49 42	27°39'32	11♌31	16°52	12°35	19°23	14°48	0°35	19°57	27°34	5°33	28°48	29°54	0°53	12°30	
W 11	17 53 39	28°36'44	24°42	18°34	13°27	20°6	14°59	0°42	19°57	27°32	5°32	28°45	29°51	1°0	12°36	
T 12	17 57 35	29°33'54	7♎37	20°14	14°18	20°49	15°10	0°49	19°58	27°31	5°31	28°40	29°48	1°7	12°43	
F 13	18 1 32	0♄31'05	20°19	21°51	15°8	21°31	15°21	0°56	19°58	27°30	5°29	28°32	29°44	1°13	12°49	
S 14	18 5 28	1°28'15	2♌50	23°26	15°58	22°14	15°32	1°3	19°58	27°28	5°28	28°23	29°41	1°20	12°56	
S 15	18 9 25	2°25'25	15°10	24°59	16°47	22°57	15°43	1°10	19°58	27°27	5°26	28°13	29°38	1°27	13°3	
M 16	18 13 21	3°22'35	27°20	26°29	17°35	23°39	15°54	1°17	19°58	27°25	5°25	28°3	29°35	1°33	13°9	
T 17	18 17 18	4°19'45	9♄23	27°58	18°22	24°22	16°5	1°24	19°58	27°24	5°24	27°54	29°32	1°40	13°16	
W 18	18 21 15	5°16'54	21°18	29°23	19°9	25°4	16°16	1°31	19°58	27°22	5°22	27°47	29°28	1°47	13°23	
T 19	18 25 11	6°14'04	3♌8	0♌47	19°54	25°46	16°27	1°39	19°58	27°21	5°21	27°41	29°25	1°53	13°30	
F 20	18 29 8	7°11'14	14°56	2°8	20°39	26°28	16°39	1°46	19°58	27°19	5°20	27°38	29°22	2°0	13°37	
S 21	18 33 4	8°8'24	26°44	3°27	21°23	27°11	16°50	1°53	19°57	27°18	5°18	27°D37	29°19	2°6	13°44	
S 22	18 37 1	9°5'35	8♋36	4°43	22°6	27°53	17°2	2°1	19°57	27°16	5°17	27°38	29°16	2°13	13°51	
M 23	18 40 57	10°2'46	20°38	5°57	22°48	28°35	17°13	2°8	19°57	27°15	5°16	27°39	29°13	2°20	13°58	
T 24	18 44 54	10°59'57	2♋52	7°8	23°29	29°17	17°25	2°15	19°56	27°13	5°14	27°40	29°9	2°26	14°5	
W 25	18 48 50	11°57'09	15°25	8°16	24°9	29°59	17°37	2°23	19°56	27°12	5°13	27°R41	29°6	2°33	14°12	
T 26	18 52 47	12°54'21	28°21	9°22	24°48	0♐40	17°48	2°30	19°55	27°10	5°12	27°39	29°3	2°40	14°20	
F 27	18 56 44	13°51'34	11♋44	10°25	25°26	1°22	18°0	2°38	19°55	27°9	5°11	27°36	29°0	2°46	14°27	
S 28	19 0 40	14°48'48	25°35	11°25	26°2	2°4	18°12	2°45	19°54	27°7	5°10	27°32	28°57	2°53	14°34	
S 29	19 4 37	15°46'02	9♐55	12°21	26°38	2°46	18°24	2°52	19°54	27°5	5°9	27°26	28°54	3°0	14°42	
M 30	19 8 33	16°43'17	24♐38	13♌15	27♌12	3♐27	18♌36	3♌0	19♋53	27♄4	5♌7	27°R20	28°50	3°6	14♌49	

Delta T = 189.05 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]

SWISS EPHEMERIS for the year 1505

JULY 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	19 12 30	17 ⁵ 40'32	9 ⁵ 40	14 ⁰ 6	27 ⁰ 44	4 ^{II} 9	18 ⁰ 48	3 ⁰ 8	19 ⁰ R52	27 ⁰ R 2	5 ⁰ R 6	27 ⁰ R14	28 ⁰ 47	3 ⁰ 13	14 ⁰ 56
W 2	19 16 26	18 ⁰ 37'48	24 ⁰ 50	14 ⁰ 53	28 ⁰ 16	4 ⁵ 50	19 ⁰ 0	3 ⁰ 15	19 ⁰ 52	27 ⁰ 1 1	5 ⁰ 5	27 ⁰ 10	28 ⁰ 44	3 ⁰ 20	15 ⁰ 4
T 3	19 20 23	19 ⁰ 35'04	10 ⁰ 0	15 ⁰ 37	28 ⁰ 46	5 ⁰ 31	19 ⁰ 12	3 ⁰ 23	19 ⁰ 51	26 ⁰ 59	5 ⁰ 4	27 ⁰ 7	28 ⁰ 28	3 ⁰ 26	15 ⁰ 11
F 4	19 24 19	20 ⁰ 32'21	24 ⁰ 59	16 ⁰ 17	29 ⁰ 15	6 ⁰ 13	19 ⁰ 24	3 ⁰ 30	19 ⁰ 50	26 ⁰ 57	5 ⁰ 3	27 ⁰ D 6	28 ⁰ 38	3 ⁰ 33	15 ⁰ 19
S 5	19 28 16	21 ⁰ 29'38	9 ⁰ 40	16 ⁰ 53	29 ⁰ 42	6 ⁰ 54	19 ⁰ 36	3 ⁰ 38	19 ⁰ 49	26 ⁰ 56	5 ⁰ 2	27 ⁰ 7	28 ⁰ 34	3 ⁰ 40	15 ⁰ 27
S 6	19 32 13	22 ⁰ 26'55	23 ⁰ 59	17 ⁰ 25	0 ⁰ 7	7 ⁰ 35	19 ⁰ 49	3 ⁰ 46	19 ⁰ 48	26 ⁰ 54	5 ⁰ 1	27 ⁰ 8	28 ⁰ 31	3 ⁰ 46	15 ⁰ 34
M 7	19 36 9	23 ⁰ 24'13	7 ⁰ 54	17 ⁰ 53	0 ⁰ 31	8 ⁰ 16	20 ⁰ 1	3 ⁰ 53	19 ⁰ 47	26 ⁰ 53	5 ⁰ 0	27 ⁰ 9	28 ⁰ 28	3 ⁰ 53	15 ⁰ 42
T 8	19 40 6	24 ⁰ 21'31	21 ⁰ 25	18 ⁰ 16	0 ⁰ 53	8 ⁰ 57	20 ⁰ 13	4 ⁰ 1	19 ⁰ 46	26 ⁰ 51	4 ⁰ 59	27 ⁰ R10	28 ⁰ 25	4 ⁰ 0	15 ⁰ 49
W 9	19 44 2	25 ⁰ 18'49	4 ⁰ 33	18 ⁰ 35	1 ⁰ 13	9 ⁰ 38	20 ⁰ 26	4 ⁰ 8	19 ⁰ 45	26 ⁰ 49	4 ⁰ 59	27 ⁰ 10	28 ⁰ 22	4 ⁰ 6	15 ⁰ 57
T 10	19 47 59	26 ⁰ 16'08	17 ⁰ 22	18 ⁰ 50	1 ⁰ 32	10 ⁰ 19	20 ⁰ 38	4 ⁰ 16	19 ⁰ 44	26 ⁰ 48	4 ⁰ 58	27 ⁰ 8	28 ⁰ 19	4 ⁰ 13	16 ⁰ 5
F 11	19 51 55	27 ⁰ 13'27	29 ⁰ 55	19 ⁰ 0	1 ⁰ 48	10 ⁰ 59	20 ⁰ 51	4 ⁰ 24	19 ⁰ 43	26 ⁰ 46	4 ⁰ 57	27 ⁰ 5	28 ⁰ 15	4 ⁰ 20	16 ⁰ 13
S 12	19 55 52	28 ⁰ 10'47	12 ⁰ 14	19 ⁰ R 4	2 ⁰ 3	11 ⁰ 40	21 ⁰ 3	4 ⁰ 32	19 ⁰ 42	26 ⁰ 44	4 ⁰ 56	27 ⁰ 1	28 ⁰ 12	4 ⁰ 26	16 ⁰ 20
S 13	19 59 48	29 ⁰ 8'07	24 ⁰ 22	19 ⁰ 4	2 ⁰ 16	12 ⁰ 21	21 ⁰ 16	4 ⁰ 39	19 ⁰ 40	26 ⁰ 43	4 ⁰ 55	26 ⁰ 56	28 ⁰ 9	4 ⁰ 33	16 ⁰ 28
M14	20 3 45	0 ⁰ 5'28	6 ⁰ 23	18 ⁰ 59	2 ⁰ 26	13 ⁰ 1	21 ⁰ 28	4 ⁰ 47	19 ⁰ 39	26 ⁰ 41	4 ⁰ 55	26 ⁰ 52	28 ⁰ 6	4 ⁰ 40	16 ⁰ 36
T 15	20 7 42	1 ⁰ 2'50	18 ⁰ 17	18 ⁰ 48	2 ⁰ 35	13 ⁰ 42	21 ⁰ 41	4 ⁰ 55	19 ⁰ 38	26 ⁰ 40	4 ⁰ 54	26 ⁰ 48	28 ⁰ 3	4 ⁰ 46	16 ⁰ 44
W16	20 11 38	2 ⁰ 0'13	0 ⁰ 7	18 ⁰ 32	2 ⁰ 41	14 ⁰ 22	21 ⁰ 53	5 ⁰ 2	19 ⁰ 36	26 ⁰ 38	4 ⁰ 53	26 ⁰ 45	28 ⁰ 0	4 ⁰ 53	16 ⁰ 52
T 17	20 15 35	2 ⁰ 57'36	11 ⁰ 55	18 ⁰ 11	2 ⁰ 45	15 ⁰ 2	22 ⁰ 6	5 ⁰ 10	19 ⁰ 35	26 ⁰ 36	4 ⁰ 53	26 ⁰ 42	27 ⁰ 56	5 ⁰ 0	17 ⁰ 0
F 18	20 19 31	3 ⁰ 55'01	23 ⁰ 44	17 ⁰ 46	2 ⁰ R47	15 ⁰ 43	22 ⁰ 19	5 ⁰ 18	19 ⁰ 34	26 ⁰ 35	4 ⁰ 52	26 ⁰ D42	27 ⁰ 53	5 ⁰ 6	17 ⁰ 8
S 19	20 23 28	4 ⁰ 52'26	5 ⁰ 35	17 ⁰ 15	2 ⁰ 46	16 ⁰ 23	22 ⁰ 31	5 ⁰ 26	19 ⁰ 32	26 ⁰ 33	4 ⁰ 51	26 ⁰ 42	27 ⁰ 50	5 ⁰ 13	17 ⁰ 15
S 20	20 27 24	5 ⁰ 49'53	17 ⁰ 32	16 ⁰ 40	2 ⁰ 43	17 ⁰ 3	22 ⁰ 44	5 ⁰ 33	19 ⁰ 31	26 ⁰ 31	4 ⁰ 51	26 ⁰ 43	27 ⁰ 47	5 ⁰ 20	17 ⁰ 23
M21	20 31 21	6 ⁰ 47'21	29 ⁰ 38	16 ⁰ 2	2 ⁰ 38	17 ⁰ 43	22 ⁰ 57	5 ⁰ 41	19 ⁰ 29	26 ⁰ 30	4 ⁰ 50	26 ⁰ 44	27 ⁰ 44	5 ⁰ 26	17 ⁰ 31
T 22	20 35 17	7 ⁰ 44'50	11 ⁰ 56	15 ⁰ 19	2 ⁰ 30	18 ⁰ 23	23 ⁰ 10	5 ⁰ 49	19 ⁰ 27	26 ⁰ 28	4 ⁰ 50	26 ⁰ 46	27 ⁰ 40	5 ⁰ 33	17 ⁰ 39
W23	20 39 14	8 ⁰ 42'20	24 ⁰ 31	14 ⁰ 34	2 ⁰ 20	19 ⁰ 2	23 ⁰ 22	5 ⁰ 56	19 ⁰ 26	26 ⁰ 27	4 ⁰ 49	26 ⁰ 47	27 ⁰ 37	5 ⁰ 40	17 ⁰ 47
T 24	20 43 11	9 ⁰ 39'52	7 ⁰ 25	13 ⁰ 47	2 ⁰ 8	19 ⁰ 42	23 ⁰ 35	6 ⁰ 4	19 ⁰ 24	26 ⁰ 25	4 ⁰ 49	26 ⁰ R47	27 ⁰ 34	5 ⁰ 46	17 ⁰ 55
F 25	20 47 7	10 ⁰ 37'25	20 ⁰ 43	12 ⁰ 59	1 ⁰ 53	20 ⁰ 22	23 ⁰ 48	6 ⁰ 12	19 ⁰ 22	26 ⁰ 24	4 ⁰ 48	26 ⁰ 47	27 ⁰ 31	5 ⁰ 53	18 ⁰ 3
S 26	20 51 4	11 ⁰ 35'00	4 ⁰ 26	12 ⁰ 10	1 ⁰ 36	21 ⁰ 2	24 ⁰ 1	6 ⁰ 20	19 ⁰ 21	26 ⁰ 22	4 ⁰ 48	26 ⁰ 46	27 ⁰ 28	6 ⁰ 0	18 ⁰ 11
S 27	20 55 0	12 ⁰ 32'36	18 ⁰ 36	11 ⁰ 22	1 ⁰ 17	21 ⁰ 41	24 ⁰ 14	6 ⁰ 27	19 ⁰ 19	26 ⁰ 20	4 ⁰ 48	26 ⁰ 45	27 ⁰ 25	6 ⁰ 6	18 ⁰ 19
M28	20 58 57	13 ⁰ 30'14	3 ⁰ 10	10 ⁰ 35	0 ⁰ 56	22 ⁰ 21	24 ⁰ 27	6 ⁰ 35	19 ⁰ 17	26 ⁰ 19	4 ⁰ 47	26 ⁰ 43	27 ⁰ 21	6 ⁰ 13	18 ⁰ 27
T 29	21 2 53	14 ⁰ 27'54	18 ⁰ 4	9 ⁰ 50	0 ⁰ 32	23 ⁰ 0	24 ⁰ 40	6 ⁰ 43	19 ⁰ 15	26 ⁰ 17	4 ⁰ 47	26 ⁰ 42	27 ⁰ 18	6 ⁰ 20	18 ⁰ 36
W30	21 6 50	15 ⁰ 25'34	3 ⁰ 11	9 ⁰ 9	0 ⁰ 6	23 ⁰ 39	24 ⁰ 53	6 ⁰ 50	19 ⁰ 14	26 ⁰ 16	4 ⁰ 47	26 ⁰ 41	27 ⁰ 15	6 ⁰ 26	18 ⁰ 44
T 31	21 10 47	16 ⁰ 23'16	18 ⁰ 22	8 ⁰ 32	29 ⁰ 39	24 ⁰ 18	25 ⁰ 6	6 ⁰ 58	19 ⁰ 12	26 ⁰ 14	4 ⁰ 46	26 ⁰ 40	27 ⁰ 12	6 ⁰ 33	18 ⁰ 52

Delta T = 188.97 sec. Julian Calendar 1 July 1505 == Greg. Calendar 11 July 1505

AUGUST 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	21 14 43	17 ⁰ 21'00	3 ⁰ 28	8 ⁰ R 0	29 ⁰ R10	24 ⁰ II58	25 ⁰ 19	7 ⁰ 6	19 ⁰ R10	26 ⁰ R13	4 ⁰ R46	26 ⁰ D40	27 ⁰ 9	6 ⁰ 39	19 ⁰ 0
S 2	21 18 40	18 ⁰ 18'44	18 ⁰ 19	7 ⁰ 33	28 ⁰ 39	25 ⁰ 37	25 ⁰ 32	7 ⁰ 13	19 ⁰ 8	26 ⁰ 11	4 ⁰ 46	26 ⁰ 41	27 ⁰ 6	6 ⁰ 46	19 ⁰ 8
S 3	21 22 36	19 ⁰ 16'30	2 ⁰ 49	7 ⁰ 13	28 ⁰ 6	26 ⁰ 15	25 ⁰ 45	7 ⁰ 21	19 ⁰ 6	26 ⁰ 10	4 ⁰ 46	26 ⁰ 41	27 ⁰ 2	6 ⁰ 53	19 ⁰ 16
M 4	21 26 33	20 ⁰ 14'17	16 ⁰ 55	7 ⁰ 0	27 ⁰ 32	26 ⁰ 54	25 ⁰ 58	7 ⁰ 29	19 ⁰ 4	26 ⁰ 8	4 ⁰ 46	26 ⁰ 42	26 ⁰ 59	6 ⁰ 59	19 ⁰ 24
T 5	21 30 29	21 ⁰ 12'05	0 ⁰ 33	6 ⁰ D54	26 ⁰ 57	27 ⁰ 33	26 ⁰ 11	7 ⁰ 36	19 ⁰ 2	26 ⁰ 7	4 ⁰ 46	26 ⁰ 42	26 ⁰ 56	7 ⁰ 6	19 ⁰ 32
W 6	21 34 26	22 ⁰ 9'54	13 ⁰ 47	6 ⁰ 55	26 ⁰ 21	28 ⁰ 12	26 ⁰ 24	7 ⁰ 44	19 ⁰ 0	26 ⁰ 6	4 ⁰ 46	26 ⁰ 43	26 ⁰ 53	7 ⁰ 13	19 ⁰ 40
T 7	21 38 22	23 ⁰ 7'45	26 ⁰ 36	7 ⁰ 4	25 ⁰ 45	28 ⁰ 50	26 ⁰ 37	7 ⁰ 51	18 ⁰ 58	26 ⁰ 4	4 ⁰ D46	26 ⁰ R43	26 ⁰ 50	7 ⁰ 19	19 ⁰ 48
F 8	21 42 19	24 ⁰ 5'36	9 ⁰ 6	7 ⁰ 21	25 ⁰ 8	29 ⁰ 29	26 ⁰ 50	7 ⁰ 59	18 ⁰ 56	26 ⁰ 3	4 ⁰ 46	26 ⁰ 42	26 ⁰ 46	7 ⁰ 26	19 ⁰ 56
S 9	21 46 15	25 ⁰ 3'29	21 ⁰ 20	7 ⁰ 46	24 ⁰ 31	0 ⁰ 7	27 ⁰ 3	8 ⁰ 6	18 ⁰ 53	26 ⁰ 1	4 ⁰ 46	26 ⁰ 42	26 ⁰ 43	7 ⁰ 33	20 ⁰ 5
S 10	21 50 12	26 ⁰ 1'24	3 ⁰ 23	8 ⁰ 18	23 ⁰ 53	0 ⁰ 46	27 ⁰ 16	8 ⁰ 14	18 ⁰ 51	26 ⁰ 0	4 ⁰ 46	26 ⁰ 42	26 ⁰ 40	7 ⁰ 39	20 ⁰ 13
M11	21 54 9	26 ⁰ 59'19	15 ⁰ 17	8 ⁰ 59	23 ⁰ 16	1 ⁰ 24	27 ⁰ 29	8 ⁰ 21	18 ⁰ 49	25 ⁰ 59	4 ⁰ 46	26 ⁰ D42	26 ⁰ 37	7 ⁰ 46	20 ⁰ 21
T 12	21 58 5	27 ⁰ 57'17	27 ⁰ 6	9 ⁰ 47	22 ⁰ 40	2 ⁰ 2	27 ⁰ 42	8 ⁰ 29	18 ⁰ 47	25 ⁰ 57	4 ⁰ 46	26 ⁰ 42	26 ⁰ 34	7 ⁰ 53	20 ⁰ 29
W13	22 2 2	28 ⁰ 55'15	8 ⁰ 54	10 ⁰ 42	22 ⁰ 4	2 ⁰ 40	27 ⁰ 55	8 ⁰ 36	18 ⁰ 45	25 ⁰ 56	4 ⁰ 46	26 ⁰ 42	26 ⁰ 31	7 ⁰ 59	20 ⁰ 37
T 14	22 5 58	29 ⁰ 53'15	20 ⁰ 44	11 ⁰ 45	21 ⁰ 30	3 ⁰ 18	28 ⁰ 8	8 ⁰ 44	18 ⁰ 42	25 ⁰ 55	4 ⁰ 47	26 ⁰ R43	26 ⁰ 27	8 ⁰ 6	20 ⁰ 45
F 15	22 9 55	0 ⁰ 51'17	2 ⁰ 37	12 ⁰ 54	20 ⁰ 56	3 ⁰ 56	28 ⁰ 21	8 ⁰ 51	18 ⁰ 40	25 ⁰ 53	4 ⁰ 47	26 ⁰ 43	26 ⁰ 24	8 ⁰ 13	20 ⁰ 53
S 16	22 13 51	1 ⁰ 49'20	14 ⁰ 37	14 ⁰ 9	20 ⁰ 24	4 ⁰ 34	28 ⁰ 34	8 ⁰ 58	18 ⁰ 38	25 ⁰ 52	4 ⁰ 47	26 ⁰ 42	26 ⁰ 21	8 ⁰ 19	21 ⁰ 1
S 17	22 17 48	2 ⁰ 47'25	26 ⁰ 44	15 ⁰ 30	19 ⁰ 53	5 ⁰									

SWISS EPHEMERIS for the year 1505

SEPTEMBER 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	23 16 56	17 ^η 22'41	25 [♁] 13	11 ^η 58	16 [♁] 34	14 [♁] 25	2 ^η 2	10 [♁] 51	18 [°] R 0	25 [°] R35	4 [♁] 56	26 [°] R34	25 [♁] 30	10 [♁] 6	23 [♁] 7
T 2	23 20 53	18 [°] 21'18	8 [♁] 58	13 [°] 50	16 [°] 40	15 [°] 1	2 [°] 14	10 [°] 58	17 [♁] 58	25 [°] R35	4 [°] 57	26 [♁] 31	25 [°] 27	10 [°] 12	23 [°] 15
W 3	23 24 49	19 [°] 19'57	22 [°] 18	15 [°] 43	16 [°] 48	15 [°] 37	2 [°] 27	11 [°] 5	17 [°] 55	25 [°] 34	4 [°] 58	26 [°] 29	25 [°] 24	10 [°] 19	23 [°] 23
T 4	23 28 46	20 [°] 18'37	5 [♁] 11	17 [°] 34	16 [°] 57	16 [°] 13	2 [°] 40	11 [°] 11	17 [°] 53	25 [°] 33	4 [°] 59	26 [°] 27	25 [°] 21	10 [°] 26	23 [°] 30
F 5	23 32 42	21 [°] 17'19	17 [°] 42	19 [°] 25	17 [°] 9	16 [°] 48	2 [°] 53	11 [°] 18	17 [°] 51	25 [°] 32	5 [°] 0	26 [°] D26	25 [°] 17	10 [°] 32	23 [°] 38
S 6	23 36 39	22 [°] 16'02	29 [°] 56	21 [°] 15	17 [°] 23	17 [°] 24	3 [°] 5	11 [°] 24	17 [°] 48	25 [°] 32	5 [°] 1	26 [°] 26	25 [°] 14	10 [°] 39	23 [°] 45
S 7	23 40 36	23 [°] 14'48	11 [♁] 56	23 [°] 4	17 [°] 39	18 [°] 0	3 [°] 18	11 [°] 31	17 [°] 46	25 [°] 31	5 [°] 2	26 [°] 27	25 [°] 11	10 [°] 46	23 [°] 53
M 8	23 44 32	24 [°] 13'35	23 [°] 48	24 [°] 53	17 [°] 57	18 [°] 35	3 [°] 31	11 [°] 37	17 [°] 43	25 [°] 30	5 [°] 3	26 [°] 29	25 [°] 8	10 [°] 52	24 [°] 0
T 9	23 48 29	25 [°] 12'24	5 [♁] 37	26 [°] 40	18 [°] 17	19 [°] 10	3 [°] 43	11 [°] 43	17 [°] 41	25 [°] 30	5 [°] 4	26 [°] 31	25 [°] 5	10 [°] 59	24 [°] 8
W10	23 52 25	26 [°] 11'15	17 [°] 25	28 [°] 27	18 [°] 39	19 [°] 45	3 [°] 56	11 [°] 50	17 [°] 39	25 [°] 29	5 [°] 5	26 [°] 32	25 [°] 2	11 [°] 6	24 [°] 15
T 11	23 56 22	27 [°] 10'07	29 [°] 18	0 [♁] 13	19 [°] 3	20 [°] 20	4 [°] 8	11 [°] 56	17 [°] 36	25 [°] 28	5 [°] 6	26 [°] R32	24 [°] 58	11 [°] 12	24 [°] 23
F 12	0 0 18	28 [°] 9'02	11 [♁] 19	1 [°] 58	19 [°] 28	20 [°] 55	4 [°] 21	12 [°] 2	17 [°] 34	25 [°] 28	5 [°] 7	26 [°] 31	24 [°] 55	11 [°] 19	24 [°] 30
S 13	0 4 15	29 [°] 7'58	23 [°] 29	3 [°] 42	19 [°] 55	21 [°] 30	4 [°] 33	12 [°] 8	17 [°] 31	25 [°] 27	5 [°] 9	26 [°] 29	24 [°] 52	11 [°] 25	24 [°] 37
S 14	0 8 11	0 [♁] 6'56	5 [°] 50	5 [°] 25	20 [°] 23	22 [°] 5	4 [°] 45	12 [°] 14	17 [°] 29	25 [°] 27	5 [°] 10	26 [°] 24	24 [°] 49	11 [°] 32	24 [°] 44
M15	0 12 8	1 [°] 5'57	18 [°] 25	7 [°] 7	20 [°] 54	22 [°] 39	4 [°] 58	12 [°] 20	17 [°] 27	25 [°] 26	5 [°] 11	26 [°] 19	24 [°] 46	11 [°] 39	24 [°] 52
T 16	0 16 5	2 [°] 4'59	1 [♁] 12	8 [°] 48	21 [°] 25	23 [°] 13	5 [°] 10	12 [°] 26	17 [°] 24	25 [°] 26	5 [°] 12	26 [°] 13	24 [°] 43	11 [°] 45	24 [°] 59
W17	0 20 1	3 [°] 4'04	14 [°] 12	10 [°] 28	21 [°] 58	23 [°] 48	5 [°] 22	12 [°] 32	17 [°] 22	25 [°] 26	5 [°] 14	26 [°] 7	24 [°] 39	11 [°] 52	25 [°] 6
T 18	0 23 58	4 [°] 3'11	27 [°] 25	12 [°] 8	22 [°] 33	24 [°] 22	5 [°] 35	12 [°] 38	17 [°] 20	25 [°] 25	5 [°] 15	26 [°] 1	24 [°] 36	11 [°] 59	25 [°] 13
F 19	0 27 54	5 [°] 2'21	10 [♁] 51	13 [°] 47	23 [°] 9	24 [°] 56	5 [°] 47	12 [°] 44	17 [°] 18	25 [°] 25	5 [°] 16	25 [°] 57	24 [°] 33	12 [°] 5	25 [°] 20
S 20	0 31 51	6 [°] 1'33	24 [°] 31	15 [°] 25	23 [°] 46	25 [°] 30	5 [°] 59	12 [°] 49	17 [°] 15	25 [°] 25	5 [°] 18	25 [°] 55	24 [°] 30	12 [°] 12	25 [°] 27
S 21	0 35 47	7 [°] 0'47	8 [♁] 23	17 [°] 2	24 [°] 24	26 [°] 3	6 [°] 11	12 [°] 55	17 [°] 13	25 [°] 24	5 [°] 19	25 [°] D54	24 [°] 27	12 [°] 19	25 [°] 34
M22	0 39 44	8 [°] 0'04	22 [°] 28	18 [°] 38	25 [°] 4	26 [°] 37	6 [°] 23	13 [°] 0	17 [°] 11	25 [°] 24	5 [°] 21	25 [°] 55	24 [°] 23	12 [°] 25	25 [°] 41
T 23	0 43 40	8 [°] 59'23	6 [♁] 44	20 [°] 14	25 [°] 45	27 [°] 10	6 [°] 35	13 [°] 6	17 [°] 9	25 [°] 24	5 [°] 22	25 [°] 56	24 [°] 20	12 [°] 32	25 [°] 48
W24	0 47 37	9 [°] 58'44	21 [°] 11	21 [°] 49	26 [°] 26	27 [°] 43	6 [°] 47	13 [°] 11	17 [°] 7	25 [°] 24	5 [°] 24	25 [°] R57	24 [°] 17	12 [°] 39	25 [°] 54
T 25	0 51 34	10 [°] 58'07	5 ^η 44	23 [°] 23	27 [°] 9	28 [°] 17	6 [°] 59	13 [°] 16	17 [°] 4	25 [°] 24	5 [°] 25	25 [°] 57	24 [°] 14	12 [°] 45	26 [°] 1
F 26	0 55 30	11 [°] 57'33	20 [°] 19	24 [°] 56	27 [°] 53	28 [°] 50	7 [°] 11	13 [°] 22	17 [°] 2	25 [°] 24	5 [°] 27	25 [°] 55	24 [°] 11	12 [°] 52	26 [°] 8
S 27	0 59 27	12 [°] 57'01	4 [♁] 50	26 [°] 29	28 [°] 38	29 [°] 22	7 [°] 22	13 [°] 27	17 [°] 0	25 [°] 24	5 [°] 28	25 [°] 50	24 [°] 8	12 [°] 59	26 [°] 14
S 28	1 3 23	13 [°] 56'31	19 [°] 10	28 [°] 1	29 [°] 24	29 [°] 55	7 [°] 34	13 [°] 32	16 [°] 58	25 [°] D24	5 [°] 30	25 [°] 44	24 [°] 4	13 [°] 5	26 [°] 21
M29	1 7 20	14 [°] 56'03	3 ^η 14	29 [°] 33	0 ^η 11	0 [♁] 27	7 [°] 46	13 [°] 37	16 [°] 56	25 [°] 24	5 [°] 31	25 [°] 36	24 [°] 1	13 [°] 12	26 [°] 27
T 30	1 11 16	15 [°] 55'37	16 ^η 57	1 ^η 4	0 ^η 59	1 [♁] 0	7 ^η 57	13 [°] 42	16 [°] 54	25 [°] R24	5 [°] 33	25 [°] 27	23 [°] 58	13 [°] 18	26 [°] 34

Delta T = 188.80 sec. Julian Calendar 1 Sept. 1505 == Greg. Calendar 11 Sept. 1505

OCTOBER 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	1 15 13	16 [♁] 55'13	0 [♁] 17	2 ^η 34	1 ^η 47	1 [♁] 32	8 ^η 9	13 [♁] 47	16 [°] R52	25 [°] R24	5 [♁] 35	25 [°] R19	23 [♁] 55	13 [♁] 25	26 [♁] 40
T 2	1 19 9	17 [°] 54'51	13 [°] 13	4 [°] 3	2 [°] 37	2 [°] 4	8 [°] 20	13 [°] 51	16 [°] R50	25 [°] 24	5 [°] 36	25 [°] 12	23 [°] 52	13 [°] 32	26 [°] 46
F 3	1 23 6	18 [°] 54'31	25 [°] 46	5 [°] 32	3 [°] 27	2 [°] 36	8 [°] 31	13 [°] 56	16 [°] 48	25 [°] 24	5 [°] 38	25 [°] 7	23 [°] 48	13 [°] 38	26 [°] 52
S 4	1 27 3	19 [°] 54'12	8 [♁] 1	7 [°] 0	4 [°] 18	3 [°] 7	8 [°] 43	14 [°] 1	16 [°] 46	25 [°] 24	5 [°] 40	25 [°] 4	23 [°] 45	13 [°] 45	26 [°] 59
S 5	1 30 59	20 [°] 53'56	20 [°] 2	8 [°] 27	5 [°] 10	3 [°] 39	8 [°] 54	14 [°] 5	16 [°] 44	25 [°] 24	5 [°] 42	25 [°] D 3	23 [°] 42	13 [°] 52	27 [°] 5
M 6	1 34 56	21 [°] 53'40	1 [♁] 54	9 [°] 54	6 [°] 2	4 [°] 10	9 [°] 5	14 [°] 10	16 [°] 43	25 [°] 25	5 [°] 43	25 [°] 4	23 [°] 39	13 [°] 58	27 [°] 11
T 7	1 38 52	22 [°] 53'27	13 [°] 42	11 [°] 20	6 [°] 55	4 [°] 41	9 [°] 16	14 [°] 14	16 [°] 41	25 [°] 25	5 [°] 45	25 [°] 5	23 [°] 36	14 [°] 5	27 [°] 17
W 8	1 42 49	23 [°] 53'15	25 [°] 31	12 [°] 45	7 [°] 49	5 [°] 12	9 [°] 27	14 [°] 18	16 [°] 39	25 [°] 25	5 [°] 47	25 [°] R 5	23 [°] 33	14 [°] 12	27 [°] 22
T 9	1 46 45	24 [°] 53'05	7 ^η 27	14 [°] 9	8 [°] 44	5 [°] 43	9 [°] 38	14 [°] 22	16 [°] 37	25 [°] 25	5 [°] 49	25 [°] 4	23 [°] 29	14 [°] 18	27 [°] 28
F 10	1 50 42	25 [°] 52'57	19 [°] 34	15 [°] 33	9 [°] 39	6 [°] 13	9 [°] 49	14 [°] 26	16 [°] 35	25 [°] 26	5 [°] 51	25 [°] 1	23 [°] 26	14 [°] 25	27 [°] 34
S 11	1 54 38	26 [°] 52'51	1 [°] 55	16 [°] 55	10 [°] 34	6 [°] 44	10 [°] 0	14 [°] 30	16 [°] 34	25 [°] 26	5 [°] 53	24 [°] 56	23 [°] 23	14 [°] 32	27 [°] 40
S 12	1 58 35	27 [°] 52'46	14 [°] 32	18 [°] 17	11 [°] 31	7 [°] 14	10 [°] 10	14 [°] 34	16 [°] 32	25 [°] 27	5 [°] 55	24 [°] 48	23 [°] 20	14 [°] 38	27 [°] 45
M13	2 2 31	28 [°] 52'44	27 [°] 25	19 [°] 38	12 [°] 27	7 [°] 44	10 [°] 21	14 [°] 38	16 [°] 31	25 [°] 27	5 [°] 57	24 [°] 37	23 [°] 17	14 [°] 45	27 [°] 51
T 14	2 6 28	29 [°] 52'43	10 [♁] 35	20 [°] 58	13 [°] 25	8 [°] 14	10 [°] 31	14 [°] 42	16 [°] 29	25 [°] 28	5 [°] 59	24 [°] 26	23 [°] 14	14 [°] 52	27 [°] 56
W15	2 10 25	0 ^η 52'44	24 [°] 0	22 [°] 16	14 [°] 23	8 [°] 43	10 [°] 42	14 [°] 45	16 [°] 27	25 [°] 28	6 [°] 1	24 [°] 15	23 [°] 10	14 [°] 58	28 [°] 1
T 16	2 14 21	1 [°] 52'47	7 ^η 36	23 [°] 34	15 [°] 21	9 [°] 12	10 [°] 52	14 [°] 49	16 [°] 26	25 [°] 29	6 [°] 2	24 [°] 4	23 [°] 7	15 [°] 5	28 [°] 7
F 17	2 18 18	2 [°] 52'53	21 [°] 23	24 [°] 50	16 [°] 20	9 [°] 42	11 [°] 2	14 [°] 52	16 [°] 25	25 [°] 29	6 [°] 5	23 [°] 56	23 [°] 4	15 [°] 11	28 [°] 12
S 18	2 22 14														

SWISS EPHEMERIS for the year 1505

NOVEMBER 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	3 17 26	17♁58'11	15♃50	8♂21	1♁54	16♁29	13♎24	15♁32	16°R 8	25♃43	6♂36	22°R19	22♁16	16♁51	29♁19
S 2	3 21 23	18°58'46	27°51	8°34	2°59	16°54	13°33	15°33	16°R 7	25°44	6°39	22°15	22°13	16°58	29°23
M 3	3 25 19	19°59'22	9♁42	8°R38	4° 5	17°19	13°41	15°35	16° 7	25°45	6°41	22°14	22°10	17° 4	29°26
T 4	3 29 16	20°59'59	21°30	8°33	5°10	17°43	13°49	15°37	16° 6	25°46	6°43	22°14	22° 7	17°11	29°30
W 5	3 33 12	22° 0'37	3♁19	8°18	6°16	18° 7	13°57	15°38	16° 5	25°47	6°45	22°14	22° 4	17°18	29°33
T 6	3 37 9	23° 1'16	15°16	7°53	7°22	18°31	14° 5	15°39	16° 5	25°49	6°48	22°12	22° 0	17°24	29°36
F 7	3 41 5	24° 1'56	27°25	7°17	8°28	18°55	14°13	15°41	16° 4	25°50	6°50	22° 9	21°57	17°31	29°40
S 8	3 45 2	25° 2'38	9♁51	6°30	9°35	19°18	14°21	15°42	16° 4	25°51	6°52	22° 3	21°54	17°38	29°43
S 9	3 48 58	26° 3'21	22°38	5°33	10°42	19°40	14°29	15°43	16° 4	25°53	6°54	21°54	21°51	17°44	29°46
M10	3 52 55	27° 4'05	5♁46	4°26	11°49	20° 3	14°36	15°44	16° 3	25°54	6°57	21°43	21°48	17°51	29°49
T 11	3 56 52	28° 4'50	19°16	3°13	12°56	20°25	14°44	15°45	16° 3	25°55	6°59	21°30	21°45	17°58	29°51
W12	4 0 48	29° 5'36	3♁5	1°54	14° 4	20°47	14°51	15°45	16° 3	25°57	7° 1	21°17	21°41	18° 4	29°54
T 13	4 4 45	0♂6'24	17° 9	0°32	15°12	21° 8	14°58	15°46	16° 3	25°58	7° 4	21° 5	21°38	18°11	29°57
F 14	4 8 41	1° 7'13	1♁22	29♁9	16°20	21°29	15° 5	15°46	16° 2	26° 0	7° 6	20°56	21°35	18°18	29°59
S 15	4 12 38	2° 8'04	15°41	27°49	17°28	21°49	15°12	15°47	16° 2	26° 1	7° 8	20°49	21°32	18°24	0♎2
S 16	4 16 34	3° 8'55	29°59	26°35	18°36	22°10	15°19	15°47	16°D 2	26° 3	7°11	20°45	21°29	18°31	0° 4
M17	4 20 31	4° 9'49	14♁13	25°27	19°45	22°29	15°25	15°R47	16° 2	26° 4	7°13	20°44	21°26	18°38	0° 6
T 18	4 24 28	5°10'43	28°22	24°29	20°54	22°49	15°31	15°47	16° 2	26° 6	7°15	20°44	21°22	18°44	0° 8
W19	4 28 24	6°11'39	12♎24	23°42	22° 3	23° 8	15°38	15°47	16° 3	26° 7	7°18	20°44	21°19	18°51	0°10
T 20	4 32 21	7°12'36	26°19	23° 6	23°12	23°26	15°44	15°47	16° 3	26° 9	7°20	20°42	21°16	18°57	0°12
F 21	4 36 17	8°13'34	10♁7	22°41	24°21	23°44	15°50	15°46	16° 3	26°11	7°22	20°39	21°13	19° 4	0°13
S 22	4 40 14	9°14'34	23°46	22°27	25°30	24° 2	15°56	15°46	16° 3	26°12	7°24	20°32	21°10	19°11	0°15
S 23	4 44 10	10°15'35	7♁17	22°D24	26°40	24°19	16° 1	15°45	16° 4	26°14	7°27	20°23	21° 6	19°17	0°16
M24	4 48 7	11°16'37	20°36	22°32	27°50	24°35	16° 7	15°44	16° 4	26°16	7°29	20°11	21° 3	19°24	0°18
T 25	4 52 3	12°17'40	3♁43	22°48	29° 0	24°52	16°12	15°44	16° 4	26°18	7°31	19°59	21° 0	19°31	0°19
W26	4 56 0	13°18'43	16°36	23°14	0♁10	25° 7	16°17	15°43	16° 5	26°19	7°34	19°47	20°57	19°37	0°20
T 27	4 59 57	14°19'48	29°14	23°47	1°20	25°22	16°22	15°42	16° 5	26°21	7°36	19°36	20°54	19°44	0°21
F 28	5 3 53	15°20'53	11♃37	24°26	2°30	25°37	16°27	15°41	16° 6	26°23	7°38	19°27	20°51	19°51	0°22
S 29	5 7 50	16°21'59	23°46	25°12	3°41	25°51	16°31	15°39	16° 7	26°25	7°41	19°21	20°47	19°57	0°23
S 30	5 11 46	17♂23'05	5♁43	26♁3	4♁51	26♁5	16♎36	15♁38	16°R 7	26♃27	7♂43	19♁17	20♁44	20♁4	0♎23

Delta T = 188.63 sec. Julian Calendar 1 Nov. 1505 == Greg. Calendar 11 Nov. 1505

DECEMBER 1505 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	5 15 43	18♂24'12	17♁33	26♁59	6♁2	26♁18	16♎40	15°R37	16°R 8	26♃28	7♂45	19°D16	20♁41	20♁11	0♎24
T 2	5 19 39	19°25'19	29°20	28° 0	7°13	26°30	16°44	15°R35	16° 9	26°30	7°48	19°17	20°38	20°17	0°24
W 3	5 23 36	20°26'26	11♁8	29° 3	8°24	26°42	16°48	15°33	16°10	26°32	7°50	19°18	20°35	20°24	0°25
T 4	5 27 32	21°27'34	23° 3	0♂10	9°35	26°53	16°52	15°32	16°11	26°34	7°52	19°R18	20°32	20°30	0°25
F 5	5 31 29	22°28'41	5♁11	1°20	10°46	27° 4	16°56	15°30	16°12	26°36	7°54	19°17	20°28	20°37	0°R25
S 6	5 35 26	23°29'49	17°36	2°32	11°57	27°14	16°59	15°28	16°13	26°38	7°57	19°14	20°25	20°44	0°25
S 7	5 39 22	24°30'58	0♁24	3°47	13° 9	27°24	17° 2	15°26	16°14	26°40	7°59	19° 9	20°22	20°50	0°25
M 8	5 43 19	25°32'06	13°36	5° 3	14°20	27°33	17° 5	15°23	16°15	26°42	8° 1	19° 1	20°19	20°57	0°24
T 9	5 47 15	26°33'14	27°15	6°21	15°32	27°41	17° 8	15°21	16°16	26°44	8° 3	18°53	20°16	21° 4	0°24
W10	5 51 12	27°34'23	11♁18	7°41	16°43	27°49	17°11	15°19	16°17	26°46	8° 5	18°44	20°12	21°10	0°23
T 11	5 55 8	28°35'32	25°42	9° 1	17°55	27°56	17°14	15°16	16°18	26°48	8° 8	18°35	20° 9	21°17	0°23
F 12	5 59 5	29°36'41	10♁20	10°23	19° 7	28° 2	17°16	15°14	16°20	26°50	8°10	18°28	20° 6	21°24	0°22
S 13	6 3 2	0♁37'50	25° 6	11°46	20°19	28° 8	17°18	15°11	16°21	26°52	8°12	18°24	20° 3	21°30	0°21
S 14	6 6 58	1°39'00	9♁51	13°10	21°31	28°13	17°20	15° 8	16°22	26°54	8°14	18°22	20° 0	21°37	0°20
M15	6 10 55	2°40'10	24°29	14°35	22°43	28°17	17°22	15° 5	16°24	26°57	8°16	18°D22	19°57	21°44	0°19
T 16	6 14 51	3°41'20	8♎55	16° 1	23°55	28°20	17°23	15° 2	16°25	26°59	8°19	18°23	19°53	21°50	0°18
W17	6 18 48	4°42'30	23° 7	17°27	25° 7	28°23	17°25	14°59	16°27	27° 1	8°21	18°24	19°50	21°57	0°17
T 18	6 22 44	5°43'41	7♁3	18°54	26°20	28°25	17°26	14°56	16°28	27° 3	8°23	18°R24	19°47	22° 4	0°15
F 19	6 26 41	6°44'52	20°43	20°22	27°32	28°27	17°27	14°53	16°30	27° 5	8°25	18°23	19°44	22°10	0°14
S 20	6 30 37	7°46'03	4♁7	21°50	28°45	28°R27	17°28	14°50	16°32	27° 7	8°27	18°21	19°41	22°17	0°12
S 21	6 34 34	8°47'14	17°18	23°19	29°57	28°27	17°28	14°46	16°33	27° 9	8°29	18°16	19°38	22°23	0°11
M22	6 38 31	9°48'26	0♂15	24°48	1♂10	28°26	17°29	14°43	16°35	27°12	8°31	18°10	19°34	22°30	0° 9
T 23	6 42 27	10°49'37	12°59	26°18	2°22	28°24	17°29	14°39	16°37	27°14	8°33	18° 3	19°31	22°37	0° 7
W24	6 46 24	11°50'49	25°32	27°48	3°35	28°22	17°R29	14°36	16°39	27°16	8°35	17°56	19°28	22°43	0° 5
T 25	6 50 20	12°52'00	7♃52	29°19	4°48	28°18	17°29	14°32	16°41	27°18	8°37	17°50	19°25	22°50	0° 3
F 26	6 54 17	13°53'11	20° 3	0♁50	6° 1	28°14	17°29	14°28	16°43	27°21	8°39	17°45	19°22	22°57	0° 0
S 27	6 58 13	14°54'21	2♁3	2°22	7°14	28° 9	17°28	14°24	16°45	27°23	8°41	17°42	19°18	23° 3	29♁58
S 28	7 2 10	15°55'31	13°56	3°54	8°27	28° 4	17°27	14°20	16°47	27°25	8°43	17°D40	19°15	23°10	29°55
M29	7 6 6	16°56'41	25°45	5°27	9°39	27°57	17°27	14°16	16°49	27°27	8°45	17°41	19°12	23°17	29°53
T 30	7 10 3	17°57'49	7♁31	7° 0	10°52	27°50	17°25	14°12	16°51	27°30	8°47	17°42	19° 9	23°23	29°50
W31	7 14 0	18♃58'57	19♁19	8♃34	12♂6	27♁41	17♎24	14♁8	16°R53	27♃32	8♂49	17♁44	19♁6	23♁30	29♁48

Delta T = 188.55 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [13.11.2015]