

SWISS EPHEMERIS for the year 1427

JANUARY 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
W 1	7 14 30	19°3'46	23°23'	8°16'	3°42'	24°R22	4°32'	6°26'	5°12'	6°R34	2°R30	18°R 3	17°R 2	19°R 5	23°R44
T 2	7 18 27	20°10'53	5°X24	9°50'	4°51'	24°R10	4°46'	6°32'	5°13'	6°R33	2°R29	17°R53	16°59'	19°12'	23°47'
F 3	7 22 23	21°11'59	17°19'	11°25'	5°59'	23°58'	5° 0'	6°37'	5°14'	6°31'	2°27'	17°45'	16°56'	19°19'	23°51'
S 4	7 26 20	22°13'05	29° 8'	13° 0'	7° 7'	23°45'	5°13'	6°43'	5°16'	6°29'	2°26'	17°40'	16°53'	19°26'	23°55'
S 5	7 30 16	23°14'10	10°Y58	14°36'	8°15'	23°31'	5°27'	6°49'	5°17'	6°28'	2°25'	17°37'	16°49'	19°32'	23°58'
M 6	7 34 13	24°15'13	22°53'	16°12'	9°23'	23°17'	5°40'	6°54'	5°19'	6°26'	2°24'	17°D36	16°46'	19°39'	24° 2'
T 7	7 38 9	25°16'16	4°S58	17°49'	10°31'	23° 2'	5°54'	7° 0'	5°20'	6°25'	2°23'	17°36'	16°43'	19°46'	24° 6'
W 8	7 42 6	26°17'17	17°18'	19°27'	11°38'	22°46'	6° 7'	7° 5'	5°22'	6°23'	2°22'	17°R37	16°40'	19°52'	24° 9'
T 9	7 46 2	27°18'18	0°II 0	21° 5'	12°46'	22°29'	6°21'	7°10'	5°24'	6°21'	2°20'	17°36'	16°37'	19°59'	24°13'
F 10	7 49 59	28°19'17	13° 6'	22°44'	13°53'	22°12'	6°34'	7°16'	5°26'	6°20'	2°19'	17°33'	16°33'	20° 6'	24°17'
S 11	7 53 56	29°20'16	26°40'	24°23'	14°59'	21°54'	6°48'	7°21'	5°27'	6°18'	2°18'	17°28'	16°30'	20°12'	24°21'
S 12	7 57 52	0°21'13	10°S42	26° 3'	16° 6'	21°35'	7° 1'	7°26'	5°29'	6°16'	2°17'	17°20'	16°27'	20°19'	24°24'
M13	8 1 49	1°22'09	25° 7'	27°44'	17°12'	21°16'	7°14'	7°31'	5°31'	6°15'	2°16'	17°10'	16°24'	20°26'	24°28'
T 14	8 5 45	2°23'04	9°R51	29°26'	18°18'	20°56'	7°28'	7°36'	5°33'	6°13'	2°15'	16°58'	16°21'	20°33'	24°32'
W15	8 9 42	3°23'58	24°46'	1°X 8'	19°24'	20°36'	7°41'	7°41'	5°35'	6°11'	2°14'	16°47'	16°18'	20°39'	24°36'
T 16	8 13 38	4°24'50	9°M41	2°51'	20°30'	20°15'	7°54'	7°46'	5°37'	6° 9'	2°13'	16°37'	16°14'	20°46'	24°40'
F 17	8 17 35	5°25'42	24°29'	4°34'	21°35'	19°54'	8° 7'	7°51'	5°39'	6° 8'	2°12'	16°29'	16°11'	20°53'	24°44'
S 18	8 21 31	6°26'33	9°R 2	6°18'	22°40'	19°32'	8°20'	7°56'	5°41'	6° 6'	2°11'	16°24'	16° 8'	20°59'	24°48'
S 19	8 25 28	7°27'23	23°17'	8° 3'	23°44'	19°10'	8°34'	8° 1'	5°43'	6° 4'	2°10'	16°22'	16° 5'	21° 6'	24°51'
M20	8 29 25	8°28'12	7°M12	9°49'	24°49'	18°47'	8°47'	8° 5'	5°45'	6° 3'	2° 9'	16°21'	16° 2'	21°13'	24°55'
T 21	8 33 21	9°29'00	20°49'	11°36'	25°53'	18°24'	9° 0'	8°10'	5°48'	6° 1'	2° 8'	16°21'	15°59'	21°19'	24°59'
W22	8 37 18	10°29'48	4°X 8'	13°23'	26°57'	18° 1'	9°12'	8°14'	5°50'	5°59'	2° 7'	16°21'	15°55'	21°26'	25° 3'
T 23	8 41 14	11°30'34	17°12'	15°10'	28° 0'	17°38'	9°25'	8°19'	5°52'	5°58'	2° 6'	16°18'	15°52'	21°33'	25° 7'
F 24	8 45 11	12°31'19	0°S 3	16°59'	29° 3'	17°14'	9°38'	8°23'	5°54'	5°56'	2° 5'	16°12'	15°49'	21°40'	25°11'
S 25	8 49 7	13°32'03	12°42'	18°48'	0°Y 6'	16°50'	9°51'	8°27'	5°57'	5°54'	2° 4'	16° 3'	15°46'	21°46'	25°15'
S 26	8 53 4	14°32'46	25°12'	20°37'	1° 8'	16°26'	10° 4'	8°31'	5°59'	5°53'	2° 4'	15°51'	15°43'	21°53'	25°19'
M27	8 57 1	15°33'27	7°R33	22°27'	2°10'	16° 2'	10°16'	8°35'	6° 2'	5°51'	2° 3'	15°37'	15°39'	22° 0'	25°23'
T 28	9 0 57	16°34'07	19°45'	24°17'	3°12'	15°38'	10°29'	8°39'	6° 4'	5°49'	2° 2'	15°23'	15°36'	22° 6'	25°27'
W29	9 4 54	17°34'46	1°X49	26° 7'	4°13'	15°14'	10°41'	8°43'	6° 7'	5°48'	2° 1'	15° 8'	15°33'	22°13'	25°31'
T 30	9 8 50	18°35'22	13°46'	27°57'	5°14'	14°51'	10°54'	8°47'	6° 9'	5°46'	2° 0'	14°55'	15°30'	22°20'	25°36'
F 31	9 12 47	19°35'57	25°X37	29°47'	6°Y14	14°R27	11°R 6	8°X51	6°Y12	5°R44	1°S59	14°R44	15°R27	22°X26	25°R40

Delta T = 255.50 sec. Julian Calendar 1 Jan. 1427 == Greg. Calendar 10 Jan. 1427

FEBRUARY 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	9 16 43	20°36'31	7°Y25	1°X37	7°Y14	14°R 3	11°R18	8°X55	6°Y14	5°R43	1°R59	14°R36	15°R24	22°X33	25°R44
S 2	9 20 40	21°37'02	19°14'	3°26'	8°14'	13°R40	11°31'	8°58'	6°17'	5°R41	1°S58	14°R31	15°20'	22°40'	25°48'
M 3	9 24 36	22°37'32	1°R 7	5°14'	9°13'	13°17'	11°43'	9° 2'	6°20'	5°39'	1°57'	14°29'	15°17'	22°46'	25°52'
T 4	9 28 33	23°38'00	13° 9'	7° 0'	10°12'	12°54'	11°55'	9° 5'	6°22'	5°38'	1°56'	14°D28	15°14'	22°53'	25°56'
W 5	9 32 29	24°38'26	25°26'	8°45'	11°10'	12°31'	12° 7'	9° 8'	6°25'	5°36'	1°56'	14°R28	15°11'	23° 0'	26° 0'
T 6	9 36 26	25°38'50	8°II 3	10°28'	12° 7'	12° 9'	12°19'	9°12'	6°28'	5°35'	1°55'	14°28'	15° 8'	23° 7'	26° 4'
F 7	9 40 23	26°39'12	21° 4'	12° 8'	13° 4'	11°48'	12°31'	9°15'	6°31'	5°33'	1°54'	14°26'	15° 5'	23°13'	26° 8'
S 8	9 44 19	27°39'32	4°S34	13°45'	14° 1'	11°27'	12°43'	9°18'	6°33'	5°32'	1°54'	14°21'	15° 1'	23°20'	26°12'
S 9	9 48 16	28°39'50	18°35'	15°18'	14°56'	11° 6'	12°54'	9°21'	6°36'	5°30'	1°53'	14°14'	14°58'	23°27'	26°16'
M10	9 52 12	29°40'07	3°R 4	16°47'	15°52'	10°46'	13° 6'	9°24'	6°39'	5°29'	1°53'	14° 5'	14°55'	23°33'	26°20'
T 11	9 56 9	0°X40'21	17°58'	18°11'	16°46'	10°26'	13°18'	9°27'	6°42'	5°27'	1°52'	13°54'	14°52'	23°40'	26°24'
W12	10 0 5	1°40'33	3°M 8	19°30'	17°40'	10° 7'	13°29'	9°29'	6°45'	5°26'	1°51'	13°43'	14°49'	23°47'	26°28'
T 13	10 4 2	2°40'44	18°23'	20°42'	18°33'	9°49'	13°40'	9°32'	6°48'	5°24'	1°51'	13°33'	14°45'	23°53'	26°32'
F 14	10 7 58	3°40'52	3°S32	21°47'	19°26'	9°31'	13°52'	9°34'	6°51'	5°23'	1°50'	13°26'	14°42'	24° 0'	26°36'
S 15	10 11 55	4°40'59	18°26'	22°46'	20°18'	9°14'	14° 3'	9°37'	6°54'	5°21'	1°50'	13°21'	14°39'	24° 7'	26°40'
S 16	10 15 52	5°41'04	2°M59	23°36'	21° 9'	8°57'	14°14'	9°39'	6°57'	5°20'	1°49'	13°19'	14°36'	24°14'	26°45'
M17	10 19 48	6°41'08	17° 7'	24°19'	21°59'	8°42'	14°25'	9°41'	7° 0'	5°18'	1°49'	13°D18	14°33'	24°20'	26°49'
T 18	10 23 45	7°41'10	0°X50	24°53'	22°49'	8°27'	14°36'	9°44'	7° 3'	5°17'	1°49'	13°19'	14°30'	24°27'	26°53'
W19	10 27 41	8°41'11	14° 9'	25°18'	23°38'	8°12'	14°47'	9°46'	7° 6'	5°16'	1°48'	13°R19	14°26'	24°34'	26°57'
T 20	10 31 38	9°41'10	27° 7'	25°34'	24°26'	7°59'	14°58'	9°48'	7° 9'	5°14'	1°48'	13°17'	14°23'	24°40'	27° 1'
F 21	10 35 34	10°41'07	9°S49	25°R41	25°12'	7°46'	15° 8'	9°49'	7°13'	5°13'	1°47'	13°13'	14°20'	24°47'	27° 5'
S 22	10 39 31	11°41'03	22°16'	25°39'	25°59'	7°34'	15°19'	9°51'	7°16'	5°12'	1°47'	13° 7'	14°17'	24°54'	27° 9'
S 23	10 43 27	12°40'57	4°R33	25°29'	26°44'	7°22'	15°29'	9°53'	7°19'	5°10'	1°47'	12°58'	14°14'	25° 0'	27°12'
M24	10 47 24	13°40'49	16°41'	25°10'	27°28'	7°12'	15°40'	9°54'	7°22'	5° 9'	1°46'	12°47'	14°11'	25° 7'	27°16'
T 25	10 51 21	14°40'39	28°42'	24°44'	28°11'	7° 2'	15°50'	9°56'	7°25'	5° 8'	1°46'	12°36'	14° 7'	25°14'	27°20'
W26	10 55 17	15°40'27	10°X38	24°10'	28°53'	6°53'	16° 0'	9°57'	7°29'	5° 7'	1°46'	12°24'	14° 4'	25°20'	27°24'
T 27	10 59 14	16°40'13	22°29'	23°30'	29°34'	6°45'	16°10'	9°59'	7°32'	5° 6'	1°46'	12°14'	14° 1'	25°27'	27°28'
F 28	11 3 10	17°39'57	4°Y19	22°X45	0°R14	6°R38	16°R20	10°X 0	7°Y35	5°R 4	1°S46	12°R 6	13°R58	25°X34	27°R32

Delta T = 255.38 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1427

MARCH 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
S 1	11 7 7	18 ^h 39'39"	16 ^h 08'	21 ^h R55	0 ^h 52'	6 ^h R31	16 ^h 30'	10 ^h 1'	7 ^h 38'	5 ^h R 3	1 ^h R45	12 ^h R 0	13 ^h 55'	25 ^h 40'	27 ^h 36'		
S 2	11 11 3	19 ^h 39'19"	27 ^h 58'	21 ^h 3	1 ^h 29'	6 ^h 25'	16 ^h 40'	10 ^h 2'	7 ^h 42'	5 ^h 2	1 ^h 45	11 ^h 56'	13 ^h 51'	25 ^h 47'	27 ^h 40'		
M 3	11 15 0	20 ^h 38'56"	9 ^h 54'	20 ^h 8	2 ^h 5	6 ^h 20'	16 ^h 49'	10 ^h 3	7 ^h 45'	5 ^h 1	1 ^h 45	11 ^h D55'	13 ^h 48'	25 ^h 54'	27 ^h 44'		
T 4	11 18 56	21 ^h 38'31"	21 ^h 58'	19 ^h 13	2 ^h 40'	6 ^h 16'	16 ^h 59'	10 ^h 3	7 ^h 48'	5 ^h 0	1 ^h 45	11 ^h 56'	13 ^h 45'	26 ^h 1	27 ^h 47'		
W 5	11 22 53	22 ^h 38'05"	4 ^h 11'	18 ^h 19	3 ^h 13'	6 ^h 13'	17 ^h 8	10 ^h 4	7 ^h 52'	4 ^h 59	1 ^h 45	11 ^h 57'	13 ^h 42'	26 ^h 7	27 ^h 51'		
T 6	11 26 50	23 ^h 37'35"	16 ^h 50'	17 ^h 25	3 ^h 45'	6 ^h 10'	17 ^h 17'	10 ^h 5	7 ^h 55'	4 ^h 58	1 ^h 45	11 ^h 58'	13 ^h 39'	26 ^h 14	27 ^h 55'		
F 7	11 30 46	24 ^h 37'04"	29 ^h 47'	16 ^h 35	4 ^h 15'	6 ^h 8	17 ^h 27'	10 ^h 5	7 ^h 58'	4 ^h 57	1 ^h D45	11 ^h R58'	13 ^h 36'	26 ^h 21	27 ^h 59'		
S 8	11 34 43	25 ^h 36'30"	13 ^h 51'	15 ^h 48	4 ^h 44'	6 ^h 7	17 ^h 36'	10 ^h 5	8 ^h 2	4 ^h 56	1 ^h 45	11 ^h 56'	13 ^h 32'	26 ^h 27	28 ^h 2		
S 9	11 38 39	26 ^h 35'54"	27 ^h 1	15 ^h 5	5 ^h 11'	6 ^h D 7	17 ^h 45'	10 ^h 6	8 ^h 5	4 ^h 55	1 ^h 45	11 ^h 53'	13 ^h 29'	26 ^h 34	28 ^h 6		
M10	11 42 36	27 ^h 35'15"	11 ^h 21'	14 ^h 27	5 ^h 36'	6 ^h 7	17 ^h 53'	10 ^h 6	8 ^h 8	4 ^h 54	1 ^h 45	11 ^h 48'	13 ^h 26'	26 ^h 41	28 ^h 10		
T 11	11 46 32	28 ^h 34'34"	26 ^h 7	13 ^h 53	5 ^h 59'	6 ^h 8	18 ^h 2	10 ^h R 6	8 ^h 12'	4 ^h 53	1 ^h 45	11 ^h 42'	13 ^h 23'	26 ^h 47	28 ^h 13		
W12	11 50 29	29 ^h 33'51"	11 ^h 13'	13 ^h 26	6 ^h 21'	6 ^h 10	18 ^h 10'	10 ^h 6	8 ^h 15'	4 ^h 52	1 ^h 45	11 ^h 35'	13 ^h 20'	26 ^h 54	28 ^h 17		
T 13	11 54 25	0 ^h 33'06"	26 ^h 30'	13 ^h 4	6 ^h 41'	6 ^h 12	18 ^h 19'	10 ^h 6	8 ^h 19'	4 ^h 52	1 ^h 45	11 ^h 29'	13 ^h 17'	27 ^h 1	28 ^h 21		
F 14	11 58 22	1 ^h 32'18"	11 ^h 46'	12 ^h 48	6 ^h 59'	6 ^h 16	18 ^h 27'	10 ^h 6	8 ^h 22'	4 ^h 51	1 ^h 45	11 ^h 25'	13 ^h 13'	27 ^h 7	28 ^h 24		
S 15	12 2 19	2 ^h 31'28"	26 ^h 52'	12 ^h 37	7 ^h 14'	6 ^h 20	18 ^h 35'	10 ^h 5	8 ^h 26'	4 ^h 50	1 ^h 46	11 ^h 22'	13 ^h 10'	27 ^h 14	28 ^h 28		
S 16	12 6 15	3 ^h 30'37"	11 ^h 39'	12 ^h D33	7 ^h 28'	6 ^h 24	18 ^h 43'	10 ^h 5	8 ^h 29'	4 ^h 49	1 ^h 46	11 ^h D21'	13 ^h 7	27 ^h 21	28 ^h 31		
M17	12 10 12	4 ^h 29'43"	26 ^h 1	12 ^h 34	7 ^h 40'	6 ^h 29	18 ^h 51'	10 ^h 4	8 ^h 32'	4 ^h 49	1 ^h 46	11 ^h 22'	13 ^h 4	27 ^h 27	28 ^h 35		
T 18	12 14 8	5 ^h 28'48"	9 ^h 56'	12 ^h 40	7 ^h 49'	6 ^h 35	18 ^h 59'	10 ^h 4	8 ^h 36'	4 ^h 48	1 ^h 46	11 ^h 23'	13 ^h 1	27 ^h 34	28 ^h 38		
W19	12 18 5	6 ^h 27'52"	23 ^h 24'	12 ^h 52	7 ^h 56'	6 ^h 42	19 ^h 6	10 ^h 3	8 ^h 39'	4 ^h 47	1 ^h 46	11 ^h 25'	12 ^h 57'	27 ^h 41	28 ^h 41		
T 20	12 22 1	7 ^h 26'53"	6 ^h 38'	13 ^h 8	8 ^h 1	6 ^h 49	19 ^h 14'	10 ^h 2	8 ^h 43'	4 ^h 47	1 ^h 47	11 ^h R25'	12 ^h 54'	27 ^h 48	28 ^h 45		
F 21	12 25 58	8 ^h 25'53"	19 ^h 9	13 ^h 30	8 ^h 4	6 ^h 57	19 ^h 21'	10 ^h 1	8 ^h 46'	4 ^h 46	1 ^h 47	11 ^h 25'	12 ^h 51'	27 ^h 54	28 ^h 48		
S 22	12 29 54	9 ^h 24'50"	1 ^h 34	13 ^h 56	8 ^h R 4	7 ^h 5	19 ^h 28'	10 ^h 0	8 ^h 50'	4 ^h 46	1 ^h 47	11 ^h 23'	12 ^h 48'	28 ^h 1	28 ^h 51		
S 23	12 33 51	10 ^h 23'46"	13 ^h 45	14 ^h 27	8 ^h 2	7 ^h 14	19 ^h 35'	9 ^h 59'	8 ^h 53'	4 ^h 45	1 ^h 48	11 ^h 19'	12 ^h 45'	28 ^h 8	28 ^h 55		
M24	12 37 48	11 ^h 22'40"	25 ^h 46'	15 ^h 2	7 ^h 57'	7 ^h 23	19 ^h 42'	9 ^h 58'	8 ^h 56'	4 ^h 45	1 ^h 48	11 ^h 15'	12 ^h 42'	28 ^h 14	28 ^h 58		
T 25	12 41 44	12 ^h 21'32"	7 ^h 40	15 ^h 40	7 ^h 50'	7 ^h 34	19 ^h 49'	9 ^h 57'	9 ^h 0	4 ^h 44	1 ^h 49	11 ^h 10'	12 ^h 38'	28 ^h 21	29 ^h 1		
W26	12 45 41	13 ^h 20'23"	19 ^h 31'	16 ^h 23	7 ^h 40'	7 ^h 44	19 ^h 55'	9 ^h 55'	9 ^h 3	4 ^h 44	1 ^h 49	11 ^h 5	12 ^h 35'	28 ^h 28	29 ^h 4		
T 27	12 49 37	14 ^h 19'11"	1 ^h 20	17 ^h 9	7 ^h 28'	7 ^h 55	20 ^h 2	9 ^h 54'	9 ^h 7	4 ^h 43	1 ^h 49	11 ^h 0	12 ^h 32'	28 ^h 34	29 ^h 8		
F 28	12 53 34	15 ^h 17'57"	13 ^h 10'	17 ^h 59	7 ^h 14'	8 ^h 7	20 ^h 8	9 ^h 52'	9 ^h 10'	4 ^h 43	1 ^h 50	10 ^h 57'	12 ^h 29'	28 ^h 41	29 ^h 11		
S 29	12 57 30	16 ^h 16'42"	25 ^h 2	18 ^h 51	6 ^h 57'	8 ^h 20	20 ^h 14'	9 ^h 51'	9 ^h 14'	4 ^h 43	1 ^h 50	10 ^h 54'	12 ^h 26'	28 ^h 48	29 ^h 14		
S 30	13 1 27	17 ^h 15'24"	6 ^h 59	19 ^h 47	6 ^h 38'	8 ^h 32	20 ^h 20'	9 ^h 49'	9 ^h 17'	4 ^h 43	1 ^h 51	10 ^h D53'	12 ^h 22'	28 ^h 54	29 ^h 17		
M31	13 5 23	18 ^h 14'05"	19 ^h 4	20 ^h 46	6 ^h 16'	8 ^h D46	20 ^h 26'	9 ^h 47'	9 ^h 20'	4 ^h D42	1 ^h 51	10 ^h R53'	12 ^h R19'	29 ^h 1	29 ^h 20		

Delta T = 255.27 sec. Julian Calendar 1 March 1427 == Greg. Calendar 10 March 1427

APRIL 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
T 1	13 9 20	19 ^h 12'43"	1 ^h 11'	21 ^h 48	5 ^h R53	9 ^h D 0	20 ^h 31'	9 ^h R45	9 ^h 24'	4 ^h R42	1 ^h 52	10 ^h 54'	12 ^h R16'	29 ^h 8	29 ^h 23		
W 2	13 13 16	20 ^h 11'19"	13 ^h 42'	22 ^h 52	5 ^h 27'	9 ^h 14	20 ^h 37'	9 ^h 43'	9 ^h 27'	4 ^h D42	1 ^h 53	10 ^h 56'	12 ^h 13'	29 ^h 14	29 ^h 26		
T 3	13 17 13	21 ^h 9'53"	26 ^h 23'	23 ^h 59	4 ^h 59'	9 ^h 29	20 ^h 42'	9 ^h 41'	9 ^h 31'	4 ^h 42	1 ^h 53	10 ^h 57'	12 ^h 10'	29 ^h 21	29 ^h 28		
F 4	13 21 10	22 ^h 8'25"	9 ^h 22	25 ^h 8	4 ^h 29'	9 ^h 44	20 ^h 47'	9 ^h 39'	9 ^h 34'	4 ^h 42	1 ^h 54	10 ^h 59'	12 ^h 7	29 ^h 28	29 ^h 31		
S 5	13 25 6	23 ^h 6'55"	22 ^h 41'	26 ^h 20	3 ^h 57'	10 ^h 0	20 ^h 52'	9 ^h 37'	9 ^h 37'	4 ^h 42	1 ^h 54	10 ^h R59'	12 ^h 3	29 ^h 34	29 ^h 34		
S 6	13 29 3	24 ^h 5'22"	6 ^h 25	27 ^h 34	3 ^h 24'	10 ^h 16	20 ^h 57'	9 ^h 34'	9 ^h 41'	4 ^h 41	1 ^h 55	10 ^h 59'	12 ^h 0	29 ^h 41	29 ^h 37		
M 7	13 32 59	25 ^h 3'47"	20 ^h 32'	28 ^h 51	2 ^h 50'	10 ^h 33	21 ^h 1	9 ^h 32'	9 ^h 44'	4 ^h D41	1 ^h 56	10 ^h 58'	11 ^h 57'	29 ^h 48	29 ^h 39		
T 8	13 36 56	26 ^h 2'10"	5 ^h 11'	0 ^h 9	2 ^h 14'	10 ^h 50	21 ^h 6	9 ^h 29'	9 ^h 47'	4 ^h 41	1 ^h 56	10 ^h 56'	11 ^h 54'	29 ^h 54	29 ^h 42		
W 9	13 40 52	27 ^h 0'31"	19 ^h 50'	1 ^h 30	1 ^h 37'	11 ^h 8	21 ^h 10'	9 ^h 27'	9 ^h 51'	4 ^h 42	1 ^h 57	10 ^h 54'	11 ^h 51'	0 ^h 9	29 ^h 45		
T 10	13 44 49	27 ^h 58'50"	4 ^h 51'	2 ^h 53	1 ^h 0	11 ^h 26	21 ^h 14'	9 ^h 24'	9 ^h 54'	4 ^h 42	1 ^h 58	10 ^h 53'	11 ^h 48'	0 ^h 8	29 ^h 47		
F 11	13 48 45	28 ^h 57'06"	19 ^h 57'	4 ^h 17	0 ^h 22	11 ^h 44	21 ^h 18'	9 ^h 21'	9 ^h 57'	4 ^h 42	1 ^h 59	10 ^h 52'	11 ^h 44'	0 ^h 15	29 ^h 50		
S 12	13 52 42	29 ^h 55'21"	4 ^h 11'	5 ^h 44	29 ^h 44	12 ^h 3	21 ^h 22'	9 ^h 18'	10 ^h 1	4 ^h 42	1 ^h 59	10 ^h D51'	11 ^h 41'	0 ^h 21	29 ^h 52		
S 13	13 56 39	0 ^h 53'35"	19 ^h 45'	7 ^h 13	29 ^h 6	12 ^h 22	21 ^h 25'	9 ^h 15'	10 ^h 4	4 ^h 42	2 ^h 0	10 ^h 51'	11 ^h 38'	0 ^h 28	29 ^h 55		
M14	14 0 35	1 ^h 51'46"	4 ^h 13'	8 ^h 44	28 ^h 29	12 ^h 41	21 ^h 29'	9 ^h 12'	10 ^h 7	4 ^h 42	2 ^h 1	10 ^h 52'	11 ^h 35'	0 ^h 35	29 ^h 57		
T 15	14 4 32	2 ^h 49'56"	18 ^h 16'	10 ^h 16	27 ^h 52	13 ^h 1	21 ^h 32'	9 ^h 9	10 ^h 10	4 ^h 42	2 ^h 2	10 ^h 52'	11 ^h 32'	0 ^h 41	29 ^h 59		
W16																	

SWISS EPHEMERIS for the year 1427

MAY 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	15 7 37	18♁17'18	6♁22	9♁17	21°R42	19♁ 4	21♁58	8°R12	10♁59	4♁51	2♁18	10°R51	10♁41	2♁28	0♁30	
F 2	15 11 33	19°15'03	19°32	11°22	21°V38	19°29	21°R58	8♁ 8	11° 2	4°52	2°19	10♁50	10°38	2°35	0°31	
S 3	15 15 30	20°12'46	2♁59	13°28	21°D36	19°54	21°58	8° 4	11° 5	4°52	2°20	10°50	10°34	2°41	0°32	
S 4	15 19 26	21°10'28	16°42	15°35	21°37	20°20	21°58	8° 0	11° 8	4°53	2°21	10°D49	10°31	2°48	0°34	
M 5	15 23 23	22° 8'08	0♁41	17°44	21°40	20°46	21°57	7°56	11°11	4°54	2°23	10°49	10°28	2°55	0°35	
T 6	15 27 19	23° 5'46	14°56	19°53	21°45	21°12	21°57	7°51	11°14	4°55	2°24	10°50	10°25	3° 1	0°36	
W 7	15 31 16	24° 3'23	29°24	22° 4	21°53	21°39	21°56	7°47	11°16	4°56	2°25	10°51	10°22	3° 8	0°37	
T 8	15 35 12	25° 0'58	14♁ 2	24°15	22° 2	22° 5	21°55	7°43	11°19	4°57	2°26	10°52	10°19	3°15	0°39	
F 9	15 39 9	25°58'32	28°45	26°27	22°14	22°32	21°53	7°39	11°22	4°58	2°28	10°52	10°15	3°21	0°40	
S 10	15 43 6	26°56'04	13♁26	28°39	22°27	22°59	21°52	7°34	11°24	4°59	2°29	10°R53	10°12	3°28	0°41	
S 11	15 47 2	27°53'36	27°59	0♁50	22°43	23°26	21°50	7°30	11°27	5° 0	2°30	10°52	10° 9	3°35	0°42	
M12	15 50 59	28°51'06	12♁18	3° 1	23° 1	23°54	21°48	7°26	11°30	5° 1	2°31	10°51	10° 6	3°41	0°42	
T 13	15 54 55	29°48'35	26°18	5°12	23°20	24°22	21°46	7°21	11°32	5° 2	2°33	10°49	10° 3	3°48	0°43	
W14	15 58 52	0♁46'03	9♁55	7°22	23°41	24°50	21°44	7°17	11°35	5° 4	2°34	10°46	10° 0	3°55	0°44	
T 15	16 2 48	1°43'31	23° 9	9°30	24° 5	25°18	21°42	7°13	11°37	5° 5	2°35	10°43	9°56	4° 2	0°45	
F 16	16 6 45	2°40'57	6♁ 0	11°37	24°29	25°46	21°39	7° 8	11°40	5° 6	2°37	10°40	9°53	4° 8	0°45	
S 17	16 10 42	3°38'23	18°30	13°43	24°56	26°15	21°36	7° 4	11°42	5° 7	2°38	10°39	9°50	4°15	0°46	
S 18	16 14 38	4°35'48	0♁44	15°46	25°24	26°43	21°34	6°59	11°44	5° 8	2°39	10°D38	9°47	4°22	0°47	
M19	16 18 35	5°33'12	12°44	17°48	25°53	27°12	21°30	6°55	11°47	5°10	2°41	10°38	9°44	4°28	0°47	
T 20	16 22 31	6°30'36	24°37	19°47	26°24	27°41	21°27	6°51	11°49	5°11	2°42	10°39	9°40	4°35	0°47	
W21	16 26 28	7°27'59	6♁26	21°45	26°56	28°10	21°24	6°46	11°51	5°12	2°43	10°41	9°37	4°42	0°48	
T 22	16 30 24	8°25'21	18°17	23°40	27°30	28°40	21°20	6°42	11°54	5°14	2°45	10°42	9°34	4°48	0°48	
F 23	16 34 21	9°22'43	0♁14	25°32	28° 5	29°10	21°16	6°37	11°56	5°15	2°46	10°44	9°31	4°55	0°48	
S 24	16 38 17	10°20'04	12°20	27°23	28°41	29°39	21°12	6°33	11°58	5°17	2°48	10°R44	9°28	5° 2	0°49	
S 25	16 42 14	11°17'25	24°38	29°10	29°18	0♁ 9	21° 8	6°29	12° 0	5°18	2°49	10°43	9°25	5° 8	0°49	
M26	16 46 11	12°14'45	7♁11	0♁56	29°57	0°40	21° 4	6°24	12° 2	5°19	2°50	10°41	9°21	5°15	0°49	
T 27	16 50 7	13°12'04	19°59	2°39	0♁36	1°10	20°59	6°20	12° 4	5°21	2°52	10°37	9°18	5°22	0°R49	
W28	16 54 4	14° 9'23	3♁ 2	4°19	1°17	1°40	20°55	6°15	12° 6	5°22	2°53	10°32	9°15	5°28	0°49	
T 29	16 58 0	15° 6'41	16°21	5°57	1°58	2°11	20°50	6°11	12° 8	5°24	2°55	10°27	9°12	5°35	0°49	
F 30	17 1 57	16° 3'58	29°52	7°32	2°41	2°42	20°45	6° 7	12°10	5°26	2°56	10°21	9° 9	5°42	0°48	
S 31	17 5 53	17♁ 1'14	13♁36	9♁ 4	3♁25	3♁13	20°340	6♁ 2	12°V12	5♁27	2♁58	10♁17	9♁ 6	5°V48	0♁48	

Delta T = 255.04 sec. Julian Calendar 1 May 1427 == Greg. Calendar 10 May 1427

JUNE 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
S 1	17 9 50	17♁58'30	27♁29	10♁34	4♁ 9	3♁44	20°R35	5°R58	12°V14	5♁29	2♁59	10°R14	9♁ 2	5°V55	0°R48	
M 2	17 13 46	18°55'44	11♁31	12° 2	4°54	4°15	20°39	5°V54	12°16	5°30	3° 1	10♁12	8°59	6° 2	0♁48	
T 3	17 17 43	19°52'58	25°39	13°26	5°40	4°47	20°24	5°50	12°17	5°32	3° 2	10°D12	8°56	6° 8	0°47	
W 4	17 21 40	20°50'11	9♁52	14°48	6°27	5°19	20°18	5°45	12°19	5°34	3° 3	10°13	8°53	6°15	0°47	
T 5	17 25 36	21°47'24	24° 9	16° 8	7°15	5°50	20°12	5°41	12°21	5°35	3° 5	10°14	8°50	6°22	0°46	
F 6	17 29 33	22°44'35	8♁27	17°24	8° 3	6°22	20° 6	5°37	12°23	5°37	3° 6	10°R15	8°46	6°28	0°46	
S 7	17 33 29	23°41'47	22°42	18°38	8°53	6°54	20° 0	5°33	12°24	5°39	3° 8	10°14	8°43	6°35	0°45	
S 8	17 37 26	24°38'58	6♁51	19°49	9°42	7°26	19°54	5°29	12°26	5°41	3° 9	10°12	8°40	6°42	0°44	
M 9	17 41 22	25°36'08	20°50	20°56	10°33	7°59	19°48	5°25	12°27	5°42	3°11	10° 7	8°37	6°48	0°44	
T 10	17 45 19	26°33'18	4♁35	22° 1	11°24	8°31	19°41	5°21	12°29	5°44	3°12	10° 1	8°34	6°55	0°43	
W11	17 49 15	27°30'28	18° 2	23° 3	12°16	9° 4	19°35	5°17	12°30	5°46	3°14	9°53	8°31	7° 2	0°42	
T 12	17 53 12	28°27'38	1♁11	24° 1	13° 8	9°37	19°28	5°13	12°31	5°48	3°15	9°45	8°27	7° 8	0°41	
F 13	17 57 9	29°24'48	13°59	24°57	14° 1	10° 9	19°21	5° 9	12°33	5°50	3°17	9°37	8°24	7°15	0°40	
S 14	18 1 5	0♁21'58	26°28	25°49	14°55	10°42	19°14	5° 6	12°34	5°52	3°18	9°31	8°21	7°22	0°39	
S 15	18 5 2	1°19'08	8♁42	26°37	15°49	11°16	19° 7	5° 2	12°35	5°54	3°20	9°26	8°18	7°28	0°38	
M16	18 8 58	2°16'18	20°42	27°22	16°43	11°49	19° 0	4°58	12°37	5°55	3°21	9°24	8°15	7°35	0°37	
T 17	18 12 55	3°13'29	2°V35	28° 3	17°39	12°22	18°53	4°54	12°38	5°57	3°23	9°D23	8°12	7°42	0°36	
W18	18 16 51	4°10'39	14°25	28°40	18°34	12°56	18°46	4°51	12°39	5°59	3°25	9°23	8° 8	7°48	0°34	
T 19	18 20 48	5° 7'50	26°16	29°13	19°30	13°29	18°39	4°47	12°40	6° 1	3°26	9°24	8° 5	7°55	0°33	
F 20	18 24 44	6° 5'01	8♁16	29°42	20°27	14° 3	18°32	4°44	12°41	6° 3	3°28	9°R25	8° 2	8° 2	0°32	
S 21	18 28 41	7° 2'13	20°27	0♁ 7	21°24	14°37	18°24	4°41	12°42	6° 5	3°29	9°24	7°59	8° 8	0°30	
S 22	18 32 38	7°59'25	2♁54	0°28	22°21	15°11	18°17	4°37	12°43	6° 7	3°31	9°22	7°56	8°15	0°29	
M23	18 36 34	8°56'38	15°40	0°44	23°19	15°45	18° 9	4°34	12°44	6° 9	3°32	9°17	7°52	8°22	0°28	
T 24	18 40 31	9°53'50	28°46	0°55	24°17	16°19	18° 2	4°31	12°44	6°11	3°34	9°10	7°49	8°28	0°26	
W25	18 44 27	10°51'04	12♁12	1° 2	25°16	16°54	17°54	4°28	12°45	6°13	3°35	9° 1	7°46	8°35	0°24	
T 26	18 48 24	11°48'17	25°56	1°R 4	26°15	17°28	17°46	4°25	12°46	6°15	3°37	8°51	7°43	8°42	0°23	
F 27	18 52 20	12°45'31	9♁53	1° 1	27°14	18° 3	17°39	4°22	12°47	6°17	3°38	8°41	7°40	8°48	0°21	
S 28	18 56 17	13°42'44	24° 1	0°53	28°14	18°37	17°31	4°19	12°47	6°19	3°40	8°32	7°37	8°55	0°19	
S 29	19 0 14	14°39'58	8♁14	0°41	29°14	19°12	17°23	4°16	12°48	6°22	3°41	8°25	7°33	9° 2	0°18	
M30	19 4 10	15♁37'12	22♁28	0♁24	0♁14	19♁47	17°316	4♁13	12°V48	6♁24	3♁43	8♁21	7♁30	9°V 8	0♁16	

Delta T = 254.93 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 1427

JULY 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	19 8 7	16 ⁵³ 34'26	6 ⁵² 41	0°R 2	1 ¹¹ 15	20 ¹⁷ 22	17°R 8	4°R10	12°V49	6 ⁵² 26	3 ⁵² 44	8°R19	7 ⁵² 27	9°V15	0°R14
W 2	19 12 3	17°31'40	20°50	29 ⁵³ 36	2°16	20°57	17 ³ 0	4 ⁷ 8	12°49	6°28	3°46	8°D19	7°24	9°22	0°H12
T 3	19 16 0	18°28'54	4 ¹¹ 54	29° 6	3°17	21°32	16°52	4° 5	12°50	6°30	3°47	8°R19	7°21	9°28	0°10
F 4	19 19 56	19°26'09	18°52	28°33	4°19	22° 8	16°45	4° 3	12°50	6°32	3°48	8 ¹⁹ 19	7°17	9°35	0° 8
S 5	19 23 53	20°23'24	2 ⁷ 44	27°57	5°20	22°43	16°37	4° 0	12°50	6°34	3°50	8°17	7°14	9°42	0° 6
S 6	19 27 49	21°20'39	16°28	27°18	6°22	23°19	16°29	3°58	12°50	6°36	3°51	8°12	7°11	9°48	0° 4
M 7	19 31 46	22°17'55	0 ³ 2	26°37	7°25	23°54	16°21	3°56	12°51	6°39	3°53	8° 5	7° 8	9°55	0° 2
T 8	19 35 43	23°15'12	13°25	25°54	8°28	24°30	16°14	3°54	12°51	6°41	3°54	7°55	7° 5	10° 2	0° 0
W 9	19 39 39	24°12'29	26°35	25°11	9°30	25° 6	16° 6	3°52	12°51	6°43	3°56	7°44	7° 2	10° 8	29 ⁵⁷ 57
T 10	19 43 36	25° 9'47	9 ³⁰ 3	24°28	10°34	25°42	15°59	3°50	12°R51	6°45	3°57	7°31	6°58	10°15	29°55
F 11	19 47 32	26° 7'05	2° 8	23°47	11°37	26°18	15°51	3°48	12°51	6°47	3°59	7°19	6°55	10°22	29°53
S 12	19 51 29	27° 4'24	4 ¹¹ 32	23° 6	12°41	26°54	15°44	3°46	12°51	6°50	4° 0	7° 9	6°52	10°28	29°51
S 13	19 55 25	28° 1'45	16°41	22°29	13°45	27°31	15°36	3°44	12°51	6°52	4° 1	7° 1	6°49	10°35	29°48
M14	19 59 22	28°59'06	28°39	21°54	14°49	28° 7	15°29	3°43	12°51	6°54	4° 3	6°55	6°46	10°42	29°46
T 15	20 3 18	29°56'28	10 ¹⁷ 31	21°24	15°53	28°43	15°22	3°41	12°50	6°56	4° 4	6°52	6°43	10°48	29°43
W16	20 7 15	0 ⁵³ 52	2 ¹⁹ 19	20°57	16°58	29°20	15°14	3°40	12°50	6°58	4° 6	6°51	6°39	10°55	29°41
T 17	20 11 12	1°51'16	4 ¹¹ 11	20°36	18° 2	29°57	15° 7	3°38	12°50	7° 1	4° 7	6°51	6°36	11° 1	29°38
F 18	20 15 8	2°48'42	16°10	20°21	19° 7	0 ⁵³ 33	15° 0	3°37	12°50	7° 3	4° 8	6°50	6°33	11° 8	29°36
S 19	20 19 5	3°46'10	28°23	20°11	20°13	1°10	14°53	3°36	12°49	7° 5	4°10	6°49	6°30	11°15	29°33
S 20	20 23 1	4°43'38	10 ¹¹ 54	20°D 7	21°18	1°47	14°46	3°35	12°49	7° 7	4°11	6°46	6°27	11°21	29°31
M21	20 26 58	5°41'08	23°47	20°10	22°24	2°24	14°39	3°34	12°48	7°10	4°12	6°40	6°23	11°28	29°28
T 22	20 30 54	6°38'39	7 ²⁵ 5	20°20	23°29	3° 1	14°33	3°33	12°48	7°12	4°14	6°32	6°20	11°35	29°25
W23	20 34 51	7°36'11	20°47	20°36	24°35	3°39	14°26	3°32	12°47	7°14	4°15	6°22	6°17	11°41	29°23
T 24	20 38 47	8°33'45	4 ⁵² 52	20°59	25°42	4°16	14°20	3°32	12°46	7°16	4°16	6°10	6°14	11°48	29°20
F 25	20 42 44	9°31'20	19°14	21°29	26°48	4°53	14°13	3°31	12°46	7°18	4°18	5°58	6°11	11°55	29°17
S 26	20 46 41	10°28'55	3 ¹⁷ 48	22° 6	27°54	5°31	14° 7	3°31	12°45	7°21	4°19	5°48	6° 8	12° 1	29°15
S 27	20 50 37	11°26'32	18°25	22°50	29° 1	6° 9	14° 1	3°30	12°44	7°23	4°20	5°40	6° 4	12° 8	29°12
M28	20 54 34	12°24'10	3 ⁵ 0	23°40	0 ⁵⁸ 8	6°46	13°55	3°30	12°43	7°25	4°21	5°35	6° 1	12°15	29° 9
T 29	20 58 30	13°21'49	17°27	24°37	1°15	7°24	13°49	3°30	12°43	7°27	4°23	5°32	5°58	12°21	29° 6
W30	21 2 27	14°19'29	1 ¹¹ 42	25°40	2°22	8° 2	13°43	3°30	12°42	7°30	4°24	5°D31	5°55	12°28	29° 3
T 31	21 6 23	15 ¹⁷ 09	15 ¹¹ 45	26 ⁵⁴ 9	3 ²⁹ 29	8 ⁴⁰ 40	13 ³⁸ 38	3°D30	12°V41	7 ³² 32	4 ²⁵ 25	5°R31	5 ⁵² 52	12°V35	29 ⁵¹ 51

Delta T = 254.81 sec. Julian Calendar 1 July 1427 == Greg. Calendar 10 July 1427

AUGUST 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
F 1	21 10 20	16 ¹⁴ 45'1	29 ¹¹ 35	28 ⁵ 5	4 ⁵³ 37	9 ¹⁸ 18	13°R32	3 ⁷ 30	12°R40	7 ³⁴ 34	4 ²⁶ 26	5°R31	5 ⁴⁹ 49	12°V41	28°R58
S 2	21 14 16	17°12'34	13 ⁷ 11	29°25	5°44	9°56	13 ²⁷ 27	3°30	12°V39	7°36	4°27	5 ²⁹ 29	5°45	12°48	28 ⁵⁵ 55
S 3	21 18 13	18°10'19	26°36	0 ⁵¹ 51	6°52	10°34	13°22	3°30	12°38	7°38	4°28	5°24	5°42	12°55	28°52
M 4	21 22 10	19° 8'04	9 ³ 49	2°22	8° 0	11°13	13°17	3°31	12°36	7°41	4°30	5°17	5°39	13° 1	28°49
T 5	21 26 6	20° 5'51	22°50	3°58	9° 8	11°51	13°12	3°31	12°35	7°43	4°31	5° 7	5°36	13° 8	28°46
W 6	21 30 3	21° 3'39	5 ³³ 39	5°37	10°16	12°30	13° 8	3°32	12°34	7°45	4°32	4°55	5°33	13°15	28°43
T 7	21 33 59	22° 1'28	18°16	7°21	11°25	13° 8	13° 3	3°32	12°33	7°47	4°33	4°43	5°29	13°21	28°40
F 8	21 37 56	22°59'19	0 ¹¹ 41	9° 7	12°33	13°47	12°59	3°33	12°32	7°49	4°34	4°31	5°26	13°28	28°38
S 9	21 41 52	23°57'11	12°54	10°57	13°42	14°26	12°55	3°34	12°30	7°51	4°35	4°20	5°23	13°35	28°35
S 10	21 45 49	24°55'05	24°57	12°48	14°51	15° 4	12°51	3°35	12°29	7°54	4°36	4°11	5°20	13°41	28°32
M11	21 49 45	25°53'00	6 ¹⁵ 51	14°42	16° 0	15°43	12°47	3°36	12°27	7°56	4°37	4° 6	5°17	13°48	28°29
T 12	21 53 42	26°50'58	18°39	16°37	17° 9	16°22	12°43	3°37	12°26	7°58	4°38	4° 2	5°14	13°55	28°26
W13	21 57 39	27°48'57	0 ²⁶ 26	18°33	18°18	17° 1	12°40	3°38	12°24	8° 0	4°39	4°D 1	5°10	14° 1	28°23
T 14	22 1 35	28°46'58	12°16	20°30	19°27	17°41	12°36	3°40	12°23	8° 2	4°40	4° 1	5° 7	14° 8	28°20
F 15	22 5 32	29°45'01	24°14	22°28	20°37	18°20	12°33	3°41	12°21	8° 4	4°41	4°R 2	5° 4	14°15	28°17
S 16	22 9 28	0 ¹⁷ 43'06	6 ¹¹ 26	24°25	21°46	18°59	12°30	3°43	12°20	8° 6	4°42	4° 2	5° 1	14°21	28°14
S 17	22 13 25	1°41'13	18°56	26°23	22°56	19°39	12°27	3°44	12°18	8° 8	4°43	4° 0	4°58	14°28	28°11
M18	22 17 21	2°39'22	1 ⁵⁴ 49	28°20	24° 6	20°18	12°25	3°46	12°16	8°10	4°44	3°57	4°55	14°35	28° 8
T 19	22 21 18	3°37'33	15° 9	0 ¹⁷ 17	25°16	20°58	12°22	3°48	12°15	8°12	4°45	3°51	4°51	14°41	28° 5
W20	22 25 14	4°35'46	28°57	2°13	26°26	21°37	12°20	3°50	12°13	8°15	4°46	3°43	4°48	14°48	28° 2
T 21	22 29 11	5°34'01	13 ¹² 12	4° 9	27°36	22°17	12°18	3°52	12°11	8°17	4°46	3°34	4°45	14°54	27°59
F 22	22 33 8	6°32'18	27°49	6° 4	28°46	22°57	12°16	3°54	12° 9	8°19	4°47	3°25	4°42	15° 1	27°56
S 23	22 37 4	7°30'36	12 ¹⁷ 42	7°58	29°56	23°37	12°15	3°56	12° 7	8°21	4°48	3°17	4°39	15° 8	27°53
S 24	22 41 1	8°28'57	27°42	9°50	1 ¹⁰ 7	24°17	12°13	3°58	12° 6	8°23	4°49	3°11	4°35	15°14	27°51
M25	22 44 57	9°27'19	12 ⁵ 39	11°42	2°17	24°57	12°12	4° 1	12° 4	8°25	4°50	3° 7	4°32	15°21	27°48
T 26	22 48 54	10°25'43	27°26	13°33	3°28	25°37	12°11	4° 3	12° 2	8°27	4°50	3°D 5	4°29	15°28	27°45
W27	22 52 50	11°24'08	11 ¹¹ 57	15°23	4°39	26°18	12°10	4° 6	12° 0	8°28	4°51	3° 5	4°26	15°34	27°42
T 28	22 56 47	12°22'35	26°10	17°11	5°50	26°58	12° 9	4° 8	11°58	8°30	4°52	3° 6	4°23	15°41	27°39
F 29	23 0 43	13°21'04	10 ⁷ 2	18°59	7° 1	27°38	12° 9	4°11	11°56	8°32	4°53	3°R 7	4°20	15°48	27°36
S 30	23 4 40	14°19'34	23°34	20°45	8°12	28°19	12° 8	4°14	11°54	8°34	4°53	3° 7	4°16	15°54	27°34
S 31	23 8 37	15 ¹⁷ 18'06	6 ³ 49	22 ¹⁷ 31	9 ²³ 23	28 ⁵⁹ 59	12°D 8	4 ¹⁷ 17	11°V51	8 ³⁶ 36	4 ⁵⁴ 54	3 ⁴ 4	4 ¹³ 13	16°V 1	27 ⁵³ 53

Delta T = 254.70 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1427

SEPTEMBER 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅
M 1	23 12 33	16 ^h 16'40	19 ^h 347	24 ^h 15	10 ^h 34	29 ^h 40	12 ^h 8	4 ^h 20	11 ^h R49	8 ^h 38	4 ^h 54	3 ^h R 0	4 ^h 10	16 ^h Y 8	27 ^h R28	
T 2	23 16 30	17 ^h 15'15	2 ^h 31	25 ^h 58	11 ^h 46	0 ^h 21	12 ^h 9	4 ^h 23	11 ^h Y47	8 ^h 40	4 ^h 55	2 ^h B54	4 ^h 7	16 ^h 14	27 ^h 25	
W 3	23 20 26	18 ^h 13'53	15 ^h 3	27 ^h 41	12 ^h 57	1 ^h 2	12 ^h 9	4 ^h 26	11 ^h 45	8 ^h 42	4 ^h 56	2 ^h 47	4 ^h 4	16 ^h 21	27 ^h 23	
T 4	23 24 23	19 ^h 12'31	27 ^h 24	29 ^h 22	14 ^h 9	1 ^h 43	12 ^h 10	4 ^h 29	11 ^h 43	8 ^h 43	4 ^h 56	2 ^h 38	4 ^h 1	16 ^h 28	27 ^h 20	
F 5	23 28 19	20 ^h 11'12	9 ^h X34	1 ^h 2	15 ^h 21	2 ^h 23	12 ^h 11	4 ^h 33	11 ^h 41	8 ^h 45	4 ^h 57	2 ^h 31	3 ^h 57	16 ^h 34	27 ^h 17	
S 6	23 32 16	21 ^h 9'55	21 ^h 37	2 ^h 41	16 ^h 32	3 ^h 5	12 ^h 12	4 ^h 36	11 ^h 38	8 ^h 47	4 ^h 57	2 ^h 24	3 ^h 54	16 ^h 41	27 ^h 15	
S 7	23 36 12	22 ^h 8'39	3 ^h Y32	4 ^h 20	17 ^h 44	3 ^h 46	12 ^h 13	4 ^h 40	11 ^h 36	8 ^h 49	4 ^h 58	2 ^h 18	3 ^h 51	16 ^h 48	27 ^h 12	
M 8	23 40 9	23 ^h 7'26	15 ^h 22	5 ^h 57	18 ^h 56	4 ^h 27	12 ^h 15	4 ^h 43	11 ^h 34	8 ^h 50	4 ^h 58	2 ^h 15	3 ^h 48	16 ^h 54	27 ^h 10	
T 9	23 44 6	24 ^h 6'15	27 ^h 9	7 ^h 33	20 ^h 8	5 ^h 8	12 ^h 16	4 ^h 47	11 ^h 32	8 ^h 52	4 ^h 59	2 ^h D13	3 ^h 45	17 ^h 1	27 ^h 7	
W10	23 48 2	25 ^h 5'06	8 ^h B56	9 ^h 9	21 ^h 20	5 ^h 49	12 ^h 18	4 ^h 50	11 ^h 29	8 ^h 54	4 ^h 59	2 ^h 13	3 ^h 41	17 ^h 8	27 ^h 5	
T 11	23 51 59	26 ^h 3'59	20 ^h 47	10 ^h 44	22 ^h 32	6 ^h 31	12 ^h 20	4 ^h 54	11 ^h 27	8 ^h 55	4 ^h 59	2 ^h 15	3 ^h 38	17 ^h 14	27 ^h 2	
F 12	23 55 55	27 ^h 2'55	2 ^h II45	12 ^h 17	23 ^h 45	7 ^h 12	12 ^h 22	4 ^h 58	11 ^h 25	8 ^h 57	5 ^h 0	2 ^h 16	3 ^h 35	17 ^h 21	27 ^h 0	
S 13	23 59 52	28 ^h 1'53	14 ^h 56	13 ^h 50	24 ^h 57	7 ^h 54	12 ^h 25	5 ^h 2	11 ^h 22	8 ^h 59	5 ^h 0	2 ^h 18	3 ^h 32	17 ^h 27	26 ^h 57	
S 14	0 3 48	29 ^h 0'53	27 ^h 23	15 ^h 22	26 ^h 10	8 ^h 36	12 ^h 27	5 ^h 6	11 ^h 20	9 ^h 0	5 ^h 0	2 ^h R19	3 ^h 29	17 ^h 34	26 ^h 55	
M15	0 7 45	29 ^h 59'55	10 ^h 312	16 ^h 53	27 ^h 22	9 ^h 17	12 ^h 30	5 ^h 10	11 ^h 18	9 ^h 2	5 ^h 1	2 ^h 18	3 ^h 26	17 ^h 41	26 ^h 53	
T 16	0 11 41	0 ^h 59'00	23 ^h 27	18 ^h 23	28 ^h 35	9 ^h 59	12 ^h 33	5 ^h 15	11 ^h 15	9 ^h 3	5 ^h 1	2 ^h 16	3 ^h 22	17 ^h 47	26 ^h 50	
W17	0 15 38	1 ^h 58'08	7 ^h L10	19 ^h 53	29 ^h 48	10 ^h 41	12 ^h 36	5 ^h 19	11 ^h 13	9 ^h 5	5 ^h 1	2 ^h 13	3 ^h 19	17 ^h 54	26 ^h 48	
T 18	0 19 35	2 ^h 57'17	21 ^h 21	21 ^h 21	1 ^h 0	11 ^h 23	12 ^h 40	5 ^h 23	11 ^h 10	9 ^h 6	5 ^h 2	2 ^h 9	3 ^h 16	18 ^h 1	26 ^h 46	
F 19	0 23 31	3 ^h 56'29	5 ^h 158	22 ^h 49	2 ^h 13	12 ^h 5	12 ^h 43	5 ^h 28	11 ^h 8	9 ^h 8	5 ^h 2	2 ^h 5	3 ^h 13	18 ^h 7	26 ^h 44	
S 20	0 27 28	4 ^h 55'43	20 ^h 56	24 ^h 15	3 ^h 26	12 ^h 47	12 ^h 47	5 ^h 32	11 ^h 6	9 ^h 9	5 ^h 2	2 ^h 1	3 ^h 10	18 ^h 14	26 ^h 41	
S 21	0 31 24	5 ^h 54'59	6 ^h 5	25 ^h 41	4 ^h 39	13 ^h 29	12 ^h 51	5 ^h 37	11 ^h 3	9 ^h 11	5 ^h 2	1 ^h 58	3 ^h 6	18 ^h 21	26 ^h 39	
M22	0 35 21	6 ^h 54'17	21 ^h 18	27 ^h 6	5 ^h 52	14 ^h 12	12 ^h 55	5 ^h 41	11 ^h 1	9 ^h 12	5 ^h 2	1 ^h 57	3 ^h 3	18 ^h 27	26 ^h 37	
T 23	0 39 17	7 ^h 53'37	6 ^h L22	28 ^h 30	7 ^h 5	14 ^h 54	12 ^h 59	5 ^h 46	10 ^h 58	9 ^h 13	5 ^h 2	1 ^h D57	3 ^h 0	18 ^h 34	26 ^h 35	
W24	0 43 14	8 ^h 52'59	21 ^h 12	29 ^h 53	8 ^h 19	15 ^h 36	13 ^h 3	5 ^h 51	10 ^h 56	9 ^h 15	5 ^h 2	1 ^h 57	2 ^h 57	18 ^h 41	26 ^h 33	
T 25	0 47 10	9 ^h 52'23	5 ^h A40	1 ^h L15	9 ^h 32	16 ^h 19	13 ^h 8	5 ^h 56	10 ^h 53	9 ^h 16	5 ^h 3	1 ^h 59	2 ^h 54	18 ^h 47	26 ^h 31	
F 26	0 51 7	10 ^h 51'49	19 ^h 44	2 ^h 36	10 ^h 45	17 ^h 1	13 ^h 13	6 ^h 1	10 ^h 51	9 ^h 17	5 ^h 3	2 ^h 0	2 ^h 51	18 ^h 54	26 ^h 30	
S 27	0 55 4	11 ^h 51'17	3 ^h Z22	3 ^h 55	11 ^h 59	17 ^h 44	13 ^h 18	6 ^h 6	10 ^h 49	9 ^h 18	5 ^h R 3	2 ^h 1	2 ^h 47	19 ^h 1	26 ^h 28	
S 28	0 59 0	12 ^h 50'46	16 ^h 37	5 ^h 14	13 ^h 12	18 ^h 27	13 ^h 23	6 ^h 11	10 ^h 46	9 ^h 20	5 ^h 3	2 ^h R 1	2 ^h 44	19 ^h 7	26 ^h 26	
M29	1 2 57	13 ^h 50'17	29 ^h 31	6 ^h 31	14 ^h 26	19 ^h 9	13 ^h 28	6 ^h 16	10 ^h 44	9 ^h 21	5 ^h 3	2 ^h 0	2 ^h 41	19 ^h 14	26 ^h 24	
T 30	1 6 53	14 ^h 49'50	12 ^h 36	7 ^h L47	15 ^h 39	19 ^h L52	13 ^h Z34	6 ^h A21	10 ^h Y41	9 ^h L22	5 ^h 3	1 ^h B59	2 ^h B38	19 ^h Y21	26 ^h 23	

Delta T = 254.58 sec. Julian Calendar 1 Sept. 1427 == Greg. Calendar 10 Sept. 1427

OCTOBER 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅
W 1	1 10 50	15 ^h 49'25	24 ^h 27	9 ^h L 2	16 ^h 53	20 ^h L35	13 ^h Z39	6 ^h A26	10 ^h R39	9 ^h L23	5 ^h R 2	1 ^h R57	2 ^h B35	19 ^h Y27	26 ^h R21	
T 2	1 14 46	16 ^h 49'01	6 ^h X36	10 ^h 15	18 ^h 7	21 ^h 18	13 ^h 45	6 ^h 32	10 ^h Y36	9 ^h 24	5 ^h 2	1 ^h B54	2 ^h 32	19 ^h 34	26 ^h 19	
F 3	1 18 43	17 ^h 48'40	18 ^h 35	11 ^h 26	19 ^h 20	22 ^h 1	13 ^h 51	6 ^h 37	10 ^h 34	9 ^h 25	5 ^h 2	1 ^h 52	2 ^h 28	19 ^h 40	26 ^h 18	
S 4	1 22 39	18 ^h 48'20	0 ^h Y29	12 ^h 36	20 ^h 34	22 ^h 44	13 ^h 57	6 ^h 42	10 ^h 32	9 ^h 26	5 ^h 2	1 ^h 50	2 ^h 25	19 ^h 47	26 ^h 16	
S 5	1 26 36	19 ^h 48'02	12 ^h 19	13 ^h 44	21 ^h 48	23 ^h 27	14 ^h 3	6 ^h 48	10 ^h 29	9 ^h 27	5 ^h 2	1 ^h 49	2 ^h 22	19 ^h 54	26 ^h 15	
M 6	1 30 32	20 ^h 47'46	24 ^h 7	14 ^h 49	23 ^h 2	24 ^h 11	14 ^h 10	6 ^h 53	10 ^h 27	9 ^h 28	5 ^h 2	1 ^h 48	2 ^h 19	20 ^h 0	26 ^h 14	
T 7	1 34 29	21 ^h 47'32	5 ^h B55	15 ^h 52	24 ^h 16	24 ^h 54	14 ^h 17	6 ^h 59	10 ^h 24	9 ^h 29	5 ^h 1	1 ^h D48	2 ^h 16	20 ^h 7	26 ^h 12	
W 8	1 38 26	22 ^h 47'20	17 ^h 46	16 ^h 53	25 ^h 30	25 ^h 37	14 ^h 23	7 ^h 5	10 ^h 22	9 ^h 30	5 ^h 1	1 ^h 48	2 ^h 12	20 ^h 14	26 ^h 11	
T 9	1 42 22	23 ^h 47'11	29 ^h 42	17 ^h 50	26 ^h 44	26 ^h 21	14 ^h 30	7 ^h 10	10 ^h 20	9 ^h 31	5 ^h 1	1 ^h 49	2 ^h 9	20 ^h 20	26 ^h 10	
F 10	1 46 19	24 ^h 47'03	11 ^h II46	18 ^h 44	27 ^h 58	27 ^h 4	14 ^h 37	7 ^h 16	10 ^h 17	9 ^h 32	5 ^h 1	1 ^h 50	2 ^h 6	20 ^h 27	26 ^h 9	
S 11	1 50 15	25 ^h 46'58	24 ^h 1	19 ^h 35	29 ^h 12	27 ^h 48	14 ^h 44	7 ^h 22	10 ^h 15	9 ^h 33	5 ^h 0	1 ^h 51	2 ^h 3	20 ^h 34	26 ^h 8	
S 12	1 54 12	26 ^h 46'55	6 ^h 31	20 ^h 22	0 ^h 27	28 ^h 32	14 ^h 52	7 ^h 28	10 ^h 13	9 ^h 33	5 ^h 0	1 ^h 51	2 ^h 0	20 ^h 40	26 ^h 7	
M13	1 58 8	27 ^h 46'54	19 ^h 18	21 ^h 4	1 ^h 41	29 ^h 15	14 ^h 59	7 ^h 34	10 ^h 10	9 ^h 34	5 ^h 0	1 ^h 51	1 ^h 57	20 ^h 47	26 ^h 6	
T 14	2 2 5	28 ^h 46'55	2 ^h L27	21 ^h 42	2 ^h 55	29 ^h 59	15 ^h 7	7 ^h 40	10 ^h 8	9 ^h 35	4 ^h 59	1 ^h R51	1 ^h 53	20 ^h 54	26 ^h 5	
W15	2 6 1	29 ^h 46'59	16 ^h 0	22 ^h 14	4 ^h 10	0 ^h A43	15 ^h 15	7 ^h 46	10 ^h 6	9 ^h 36	4 ^h 59	1 ^h 51	1 ^h 50	21 ^h 0	26 ^h 4	
T 16	2 9 58	0 ^h L47'04	29 ^h 58	22 ^h 40	5 ^h 24	1 ^h 27	15 ^h 23	7 ^h 52	10 ^h 4	9 ^h 36	4 ^h 59	1 ^h 51	1 ^h 47	21 ^h 7	26 ^h 3	
F 17	2 13 55	1 ^h 47'12	14 ^h 15	22 ^h 59	6 ^h 39	2 ^h 11	15 ^h 31	7 ^h 58	10 ^h 1	9 ^h 37	4 ^h 58	1 ^h D51	1 ^h 44	21 ^h 14	26 ^h 2	
S 18	2 17 51	2 ^h 47'22	29 ^h 7	23 ^h 11	7 ^h 53	2 ^h 55	15 ^h 39	8 ^h 4	9 ^h 59	9 ^h 38	4 ^h 58	1 ^h 51	1 ^h 41	21 ^h 20	26 ^h 2	
S 19	2 21 48	3 ^h 47'34	14 ^h 9	23 ^h												

SWISS EPHEMERIS for the year 1427

NOVEMBER 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	3 13 3	16♌52'37	9♍14	11°R45	25♌20	13♌18	17♌48	9♌34	9°R31	9♌42	4°R49	1♌52	0♌56	22♍53	25♌58
S 2	3 16 59	17°53'10	21° 1	10♌35	26°35	14° 3	17°59	9°41	9°V29	9°42	4♌48	1°53	0°53	23° 0	25°59
M 3	3 20 56	18°53'45	2♌50	9°34	27°50	14°48	18° 9	9°48	9°28	9°42	4°47	1°R54	0°50	23° 6	25°59
T 4	3 24 53	19°54'21	14°43	8°42	29° 5	15°34	18°19	9°55	9°26	9°R42	4°46	1°53	0°47	23°13	25°59
W 5	3 28 49	20°54'58	26°42	8° 1	0♌20	16°19	18°30	10° 1	9°24	9°42	4°46	1°51	0°44	23°20	26° 0
T 6	3 32 46	21°55'37	8♌49	7°32	1°35	17° 4	18°40	10° 8	9°23	9°42	4°45	1°49	0°40	23°26	26° 0
F 7	3 36 42	22°56'18	21° 5	7°15	2°50	17°49	18°51	10°15	9°21	9°42	4°44	1°46	0°37	23°33	26° 1
S 8	3 40 39	23°57'00	3♌33	7°D 9	4° 6	18°34	19° 2	10°22	9°20	9°42	4°43	1°42	0°34	23°40	26° 1
S 9	3 44 35	24°57'44	16°13	7°14	5°21	19°20	19°13	10°29	9°18	9°42	4°42	1°38	0°31	23°46	26° 2
M10	3 48 32	25°58'29	29° 7	7°29	6°36	20° 5	19°24	10°36	9°17	9°42	4°41	1°35	0°28	23°53	26° 3
T 11	3 52 28	26°59'16	12♌18	7°54	7°51	20°51	19°35	10°42	9°15	9°41	4°40	1°33	0°24	24° 0	26° 3
W12	3 56 25	28° 0'04	25°46	8°27	9° 6	21°36	19°46	10°49	9°14	9°41	4°39	1°D32	0°21	24° 6	26° 4
T 13	4 0 22	29° 0'54	9♌32	9° 8	10°21	22°22	19°57	10°56	9°13	9°41	4°38	1°33	0°18	24°13	26° 5
F 14	4 4 18	0♌1'45	23°38	9°55	11°37	23° 7	20° 9	11° 3	9°11	9°41	4°37	1°34	0°15	24°20	26° 6
S 15	4 8 15	1° 2'38	8♌ 3	10°48	12°52	23°53	20°20	11°10	9°10	9°40	4°36	1°36	0°12	24°26	26° 7
S 16	4 12 11	2° 3'32	22°43	11°46	14° 7	24°39	20°32	11°17	9° 9	9°40	4°35	1°37	0° 9	24°33	26° 8
M17	4 16 8	3° 4'27	7♌35	12°49	15°23	25°25	20°43	11°24	9° 8	9°39	4°34	1°R37	0° 5	24°40	26° 9
T 18	4 20 4	4° 5'24	22°31	13°56	16°38	26°10	20°55	11°31	9° 7	9°39	4°33	1°35	0° 2	24°46	26°10
W19	4 24 1	5° 6'22	7♌23	15° 6	17°53	26°56	21° 7	11°38	9° 5	9°38	4°32	1°32	29♍59	24°53	26°12
T 20	4 27 58	6° 7'21	22° 4	16°20	19° 9	27°42	21°19	11°45	9° 4	9°38	4°31	1°28	29°56	24°59	26°13
F 21	4 31 54	7° 8'21	6♌25	17°35	20°24	28°28	21°31	11°52	9° 3	9°37	4°30	1°22	29°53	25° 6	26°14
S 22	4 35 51	8° 9'22	20°22	18°53	21°39	29°14	21°43	11°59	9° 3	9°37	4°29	1°16	29°50	25°13	26°16
S 23	4 39 47	9°10'23	3♌52	20°13	22°55	0♌ 0	21°55	12° 6	9° 2	9°36	4°28	1°10	29°46	25°19	26°17
M24	4 43 44	10°11'25	16°55	21°35	24°10	0°46	22° 7	12°14	9° 1	9°35	4°27	1° 6	29°43	25°26	26°19
T 25	4 47 40	11°12'27	29°34	22°57	25°25	1°33	22°20	12°21	9° 0	9°35	4°26	1° 4	29°40	25°33	26°20
W26	4 51 37	12°13'30	11♌53	24°21	26°41	2°19	22°32	12°28	8°59	9°34	4°25	1°D 3	29°37	25°39	26°22
T 27	4 55 33	13°14'34	23°56	25°46	27°56	3° 5	22°45	12°35	8°59	9°33	4°23	1° 3	29°34	25°46	26°24
F 28	4 59 30	14°15'38	5♍49	27°12	29°12	3°51	22°57	12°42	8°58	9°32	4°22	1° 5	29°30	25°53	26°25
S 29	5 3 27	15°16'42	17°36	28°39	0♌27	4°38	23°10	12°49	8°57	9°32	4°21	1° 7	29°27	25°59	26°27
S 30	5 7 23	16♌17'47	29♍23	0♌ 7	1♌42	5♌24	23♌23	12♌56	8♍57	9♌31	4♌20	1°R 7	29♍24	26♍ 6	26♌29

Delta T = 254.35 sec. Julian Calendar 1 Nov. 1427 == Greg. Calendar 10 Nov. 1427

DECEMBER 1427 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
M 1	5 11 20	17♌18'52	11♌14	1♌35	2♌58	6♌10	23♌35	13♌ 3	8°R56	9°R30	4°R19	1°R 7	29♍21	26♍13	26♌31
T 2	5 15 16	18°19'58	23°13	3° 3	4°13	6°57	23°48	13°10	8°V56	9°R29	4♌18	1♌ 4	29°18	26°19	26°33
W 3	5 19 13	19°21'04	5♌22	4°32	5°29	7°43	24° 1	13°17	8°56	9°28	4°16	0°59	29°15	26°26	26°35
T 4	5 23 9	20°22'11	17°43	6° 2	6°44	8°30	24°14	13°24	8°55	9°27	4°15	0°52	29°11	26°33	26°37
F 5	5 27 6	21°23'18	0♌17	7°32	7°59	9°16	24°27	13°31	8°55	9°26	4°14	0°43	29° 8	26°39	26°39
S 6	5 31 2	22°24'26	13° 5	9° 2	9°15	10° 3	24°40	13°38	8°55	9°25	4°13	0°33	29° 5	26°46	26°41
S 7	5 34 59	23°25'34	26° 5	10°33	10°30	10°50	24°53	13°45	8°55	9°24	4°12	0°23	29° 2	26°52	26°44
M 8	5 38 56	24°26'43	9♌17	12° 4	11°46	11°36	25° 6	13°52	8°54	9°23	4°10	0°15	28°59	26°59	26°46
T 9	5 42 52	25°27'52	22°41	13°35	13° 1	12°23	25°20	13°59	8°54	9°22	4° 9	0° 8	28°56	27° 6	26°48
W10	5 46 49	26°29'02	6♌16	15° 7	14°17	13°10	25°33	14° 6	8°D54	9°21	4° 8	0° 4	28°52	27°12	26°51
T 11	5 50 45	27°30'12	20° 1	16°39	15°32	13°57	25°46	14°13	8°54	9°20	4° 7	0° 2	28°49	27°19	26°53
F 12	5 54 42	28°31'23	3♌58	18°11	16°47	14°43	26° 0	14°20	8°54	9°18	4° 5	0°D 2	28°46	27°26	26°55
S 13	5 58 38	29°32'34	18° 6	19°43	18° 3	15°30	26°13	14°27	8°55	9°17	4° 4	0° 2	28°43	27°32	26°58
S 14	6 2 35	0♌33'46	2♌23	21°16	19°18	16°17	26°27	14°34	8°55	9°16	4° 3	0°R 3	28°40	27°39	27° 1
M15	6 6 31	1°34'58	16°49	22°49	20°34	17° 4	26°40	14°40	8°55	9°15	4° 2	0° 1	28°36	27°46	27° 3
T 16	6 10 28	2°36'10	1♌19	24°23	21°49	17°51	26°54	14°47	8°55	9°14	4° 0	29♍58	28°33	27°52	27° 6
W17	6 14 25	3°37'23	15°48	25°57	23° 5	18°38	27° 7	14°54	8°56	9°12	3°59	29°51	28°30	27°59	27° 9
T 18	6 18 21	4°38'36	0♌11	27°31	24°20	19°25	27°21	15° 1	8°56	9°11	3°58	29°42	28°27	28° 6	27°11
F 19	6 22 18	5°39'49	14°20	29° 5	25°36	20°12	27°35	15° 8	8°56	9°10	3°57	29°31	28°24	28°12	27°14
S 20	6 26 14	6°41'01	28°11	0♌40	26°51	20°59	27°48	15°14	8°57	9° 8	3°55	29°20	28°21	28°19	27°17
S 21	6 30 11	7°42'14	11♌40	2°15	28° 7	21°46	28° 2	15°21	8°58	9° 7	3°54	29° 8	28°17	28°26	27°20
M22	6 34 7	8°43'26	24°44	3°51	29°22	22°33	28°16	15°28	8°58	9° 6	3°53	28°59	28°14	28°32	27°23
T 23	6 38 4	9°44'37	7♌26	5°27	0♌38	23°20	28°30	15°35	8°59	9° 4	3°52	28°52	28°11	28°39	27°26
W24	6 42 1	10°45'48	19°47	7° 3	1°53	24° 7	28°44	15°41	9° 0	9° 3	3°50	28°47	28° 8	28°45	27°29
T 25	6 45 57	11°46'58	1♍52	8°40	3° 8	24°55	28°58	15°48	9° 0	9° 1	3°49	28°45	28° 5	28°52	27°32
F 26	6 49 54	12°48'08	13°46	10°17	4°24	25°42	29°12	15°54	9° 1	9° 0	3°48	28°D45	28° 2	28°59	27°35
S 27	6 53 50	13°49'17	25°33	11°55	5°39	26°29	29°26	16° 1	9° 2	8°58	3°47	28°R45	27°58	29° 5	27°38
S 28	6 57 47	14°50'26	7♌21	13°33	6°55	27°16	29°40	16° 7	9° 3	8°57	3°46	28°45	27°55	29°12	27°41
M29	7 1 43	15°51'33	19°14	15°12	8°10	28° 4	29°54	16°14	9° 4	8°55	3°44	28°43	27°52	29°19	27°44
T 30	7 5 40	16°52'41	1♌17	16°51	9°26	28°51	0♌ 8	16°20	9° 5	8°54	3°43	28°39	27°49	29°25	27°47
W31	7 9 36	17♌53'47	13♌34	18♌31	10♌41	29♌38	0♌22	16♌27	9♍ 6	8♌52	3♌42	28♍32	27♍46	29♍32	27♌51

Delta T = 254.24 sec. Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]