

SWISS EPHEMERIS for the year 1353

JANUARY 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
T 1	7 14 12	19°37'35"	18°50'50"	25°27'33"	25°22'22"	2°50'50"	20°02'40"	16°R40	14°R47	20°22'22"	18°Y34	9°R24	8°R17	7°M53	4°R36	
W 2	7 18 9	20°8'41"	0°27'45"	26°5'26"	26°38'38"	3°37'37"	20°9'16"	16°R39	14°R46	20°24'18"	18°34'18"	9°R22	8°R14	8°0'00"	4°R34	
T 3	7 22 6	21°9'47"	12°51'12"	27°10'27"	27°53'42"	4°23'23"	20°13'16"	16°39'14"	14°45'20"	20°26'18"	18°34'9"	9°17'8"	8°11'8"	8°6'43"	4°31'42"	
F 4	7 26 2	22°10'52"	25°10'25"	28°18'29"	29°8'50"	5°9'20"	20°17'16"	16°38'14"	14°45'20"	20°28'18"	18°35'9"	9°10'8"	8°8'8"	8°13'42"	4°29'42"	
S 5	7 29 59	23°11'56"	7°34'46"	29°27'00"	0°24'24"	5°55'20"	20°22'16"	16°37'14"	14°44'20"	20°30'18"	18°35'8"	8°59'8"	8°5'8"	8°20'42"	4°27'42"	
S 6	7 33 55	24°13'00"	20°38'00"	0°39'39"	1°39'39"	6°41'41"	20°26'16"	16°37'14"	14°44'20"	20°32'18"	18°35'8"	8°47'8"	8°1'8"	8°26'42"	4°25'42"	
M 7	7 37 52	25°14'03"	3°47'47"	1°52'52"	2°54'54"	7°27'27"	20°30'16"	16°37'14"	14°43'20"	20°34'18"	18°35'8"	8°34'7"	7°58'8"	8°33'42"	4°23'42"	
T 8	7 41 48	26°15'05"	17°11'17"	3°7'07"	4°10'10"	8°13'13"	20°33'16"	16°36'14"	14°43'20"	20°36'18"	18°36'8"	8°21'7"	7°55'8"	8°39'42"	4°22'42"	
W 9	7 45 45	27°16'06"	0°46'46"	4°24'24"	5°25'25"	8°59'59"	20°37'16"	16°D36	14°43'20"	20°39'18"	18°36'8"	8°9'7"	7°52'8"	8°46'42"	4°20'42"	
T 10	7 49 42	28°17'06"	14°31'41"	5°42'42"	6°40'40"	9°45'45"	20°40'16"	16°36'14"	14°43'20"	20°41'18"	18°36'8"	8°1'7"	7°49'8"	8°53'42"	4°18'42"	
F 11	7 53 38	29°18'05"	28°23'7"	7°1'01"	7°55'55"	10°31'31"	20°43'16"	16°36'14"	14°42'20"	20°43'18"	18°37'7"	7°55'7"	7°46'8"	8°59'42"	4°17'42"	
S 12	7 57 35	0°19'02"	12°Y19	8°22'22"	9°11'11"	11°17'17"	20°46'16"	16°37'14"	14°42'20"	20°45'18"	18°37'7"	7°52'7"	7°42'8"	9°6'42"	4°15'42"	
S 13	8 1 31	1°19'58"	26°20'20"	9°43'43"	10°26'26"	12°3'03"	20°49'16"	16°37'14"	14°42'20"	20°47'18"	18°37'7"	7°51'7"	7°39'8"	9°13'42"	4°14'42"	
M 14	8 5 28	2°20'53"	10°R25	11°6'06"	11°41'41"	12°49'49"	20°51'16"	16°38'14"	14°D42	20°49'18"	18°38'7"	7°51'7"	7°36'8"	9°19'42"	4°12'42"	
T 15	8 9 24	3°21'46"	24°32'32"	12°30'30"	12°56'56"	13°35'35"	20°54'16"	16°38'14"	14°42'20"	20°51'18"	18°38'7"	7°51'7"	7°33'8"	9°26'42"	4°11'42"	
W 16	8 13 21	4°22'38"	8°II41	13°54'54"	14°11'11"	14°21'21"	20°56'16"	16°39'14"	14°42'20"	20°54'18"	18°39'7"	7°48'7"	7°30'8"	9°33'42"	4°10'42"	
T 17	8 17 17	5°23'28"	22°50'50"	15°20'20"	15°27'27"	15°7'07"	20°58'16"	16°40'14"	14°42'20"	20°56'18"	18°39'7"	7°43'7"	7°26'8"	9°39'42"	4°8'42"	
F 18	8 21 14	6°24'18"	6°E56	16°47'47"	16°42'42"	15°53'53"	21°0'00"	16°41'14"	14°42'20"	20°58'18"	18°40'7"	7°35'7"	7°23'8"	9°46'42"	4°7'42"	
S 19	8 25 11	7°25'05"	20°54'54"	18°15'15"	17°57'57"	16°38'38"	21°2'02"	16°42'14"	14°43'20"	21°0'18"	18°40'7"	7°24'7"	7°20'8"	9°53'42"	4°6'42"	
S 20	8 29 7	8°25'52"	4°R41	19°43'43"	19°12'12"	17°24'24"	21°3'03"	16°43'14"	14°43'20"	21°3'18"	18°41'7"	7°11'7"	7°17'8"	9°59'42"	4°5'42"	
M 21	8 33 4	9°26'37"	18°13'13"	21°12'12"	20°27'27"	18°10'10"	21°5'05"	16°44'14"	14°43'20"	21°5'18"	18°42'7"	6°58'7"	7°14'8"	10°6'42"	4°4'42"	
T 22	8 37 0	10°27'21"	1°R26	22°43'43"	21°42'42"	18°56'56"	21°6'06"	16°46'14"	14°44'20"	21°7'18"	18°42'7"	6°45'7"	7°11'8"	10°13'42"	4°4'42"	
W 23	8 40 57	11°28'03"	14°19'19"	24°14'14"	22°57'57"	19°41'41"	21°7'07"	16°47'14"	14°44'20"	21°9'18"	18°43'7"	6°35'7"	7°7'8"	10°19'42"	4°3'42"	
T 24	8 44 53	12°28'44"	26°52'52"	25°46'46"	24°12'12"	20°27'27"	21°7'07"	16°49'14"	14°45'20"	21°12'18"	18°43'7"	6°26'7"	7°4'8"	10°26'42"	4°2'42"	
F 25	8 48 50	13°29'24"	9°R7	27°18'18"	25°27'27"	21°12'12"	21°8'08"	16°50'14"	14°45'20"	21°14'18"	18°44'7"	6°21'7"	7°1'8"	10°32'42"	4°2'42"	
S 26	8 52 46	14°30'03"	21°9'09"	28°52'52"	26°42'42"	21°58'58"	21°8'08"	16°52'14"	14°46'20"	21°16'18"	18°45'7"	6°19'7"	6°58'8"	10°39'42"	4°1'42"	
S 27	8 56 43	15°30'40"	3°M1	0°27'27"	27°57'57"	22°43'43"	21°R8	16°54'14"	14°46'20"	21°18'18"	18°46'7"	6°D18	6°55'8"	10°46'42"	4°1'42"	
M 28	9 0 40	16°31'17"	14°49'49"	2°2'02"	29°12'12"	23°29'29"	21°8'08"	16°56'14"	14°47'20"	21°21'18"	18°46'7"	6°R18	6°52'8"	10°52'42"	4°0'42"	
T 29	9 4 36	17°31'52"	26°38'38"	3°38'38"	0°K27	24°14'14"	21°8'08"	16°58'14"	14°48'20"	21°23'18"	18°47'7"	6°18'7"	6°48'8"	10°59'42"	4°0'42"	
W 30	9 8 33	18°32'26"	8°K34	5°15'15"	1°42'42"	25°0'00"	21°8'08"	17°1'14"	14°49'20"	21°25'18"	18°48'7"	6°16'7"	6°45'8"	11°6'42"	4°0'42"	
T 31	9 12 29	19°32'59"	20°K42	6°53'53"	2°K57	25°K45	21°R7	17°R3	14°R50	21°27'18"	18°Y49	6°R12	6°R42	11°M12	4°II0	

Delta T = 06m06s Julian Calendar 1 Jan. 1353 == Greg. Calendar 9 Jan. 1353

FEBRUARY 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
F 1	9 16 26	20°33'30"	3°R6	8°32'32"	4°K12	26°K30	21°R7	17°R5	14°R50	21°30'30"	18°Y49	6°R5	6°R39	11°M19	4°II0	
S 2	9 20 22	21°34'00"	15°50'50"	10°12'12"	5°27'27"	27°16'16"	21°R6	17°8'08"	14°51'14"	21°32'32"	18°50'50"	5°R56	6°36'36"	11°26'26"	4°0'00"	
S 3	9 24 19	22°34'28"	28°56'56"	11°53'53"	6°42'42"	28°1'01"	21°4'04"	17°11'11"	14°52'14"	21°34'34"	18°51'51"	5°45'45"	6°32'32"	11°32'32"	4°0'00"	
M 4	9 28 15	23°34'55"	12°R23	13°35'35"	7°57'57"	28°46'46"	21°3'03"	17°13'13"	14°54'14"	21°37'37"	18°52'52"	5°33'33"	6°29'29"	11°39'39"	4°0'00"	
T 5	9 32 12	24°35'21"	26°9'09"	15°17'17"	9°11'11"	29°31'31"	21°2'02"	17°16'16"	14°55'14"	21°39'39"	18°53'53"	5°21'21"	6°26'26"	11°46'46"	4°0'00"	
W 6	9 36 9	25°35'44"	10°K11	17°1'01"	10°26'26"	0°Y16	21°0'00"	17°19'19"	14°56'14"	21°41'41"	18°54'54"	5°10'10"	6°23'23"	11°52'52"	4°0'00"	
T 7	9 40 5	26°36'06"	24°23'23"	18°45'45"	11°41'41"	1°1'01"	20°58'58"	17°22'22"	14°57'14"	21°43'43"	18°55'55"	5°2'02"	6°20'20"	11°59'59"	4°1'00"	
F 8	9 44 2	27°36'25"	8°Y40	20°31'31"	12°56'56"	1°46'46"	20°56'56"	17°26'26"	14°58'14"	21°46'46"	18°55'55"	4°57'57"	6°17'17"	12°5'05"	4°1'00"	
S 9	9 47 58	28°36'43"	22°58'58"	22°18'18"	14°10'10"	2°31'31"	20°54'54"	17°29'29"	15°0'00"	21°48'48"	18°56'56"	4°54'54"	6°13'13"	12°12'12"	4°2'00"	
S 10	9 51 55	29°36'59"	7°R13	24°5'05"	15°25'25"	3°16'16"	20°51'51"	17°32'32"	15°1'01"	21°50'50"	18°57'57"	4°D54	6°10'10"	12°19'19"	4°3'00"	
M 11	9 55 51	0°K37'13	21°24'24"	25°54'54"	16°40'40"	4°1'01"	20°48'48"	17°36'36"	15°2'02"	21°52'52"	18°58'58"	4°54'54"	6°7'07"	12°25'25"	4°3'00"	
T 12	9 59 48	1°37'24"	5°II28	27°44'44"	17°54'54"	4°46'46"	20°46'46"	17°39'39"	15°4'04"	21°55'55"	18°59'59"	4°R54	6°4'04"	12°32'32"	4°4'00"	
W 13	10 3 44	2°37'34"	19°25'25"	29°34'34"	19°9'09"	5°31'31"	20°43'43"	17°43'43"	15°5'05"	21°57'57"	19°0'00"	4°53'53"	6°1'01"	12°39'39"	4°5'00"	
T 14	10 7 41	3°37'41"	3°E15	1°K26	20°24'24"	6°16'16"	20°39'39"	17°47'47"	15°7'07"	21°59'59"	19°1'01"	4°49'49"	5°58'58"	12°45'45"	4°6'00"	
F 15	10 11 38	4°37'47"	16°56'56"	3°19'19"	21°38'38"	7°1'01"	20°36'36"	17°51'51"	15°8'08"	22°1'01"	19°2'02"	4°43'43"	5°54'54"	12°52'52"	4°7'00"	
S 16	10 15 34	5°37'50"	0°R28	5°12'12"	22°53'53"	7°45'45"	20°33'33"	17°55'55"	15°10'10"	22°4'04"	19°3'03"	4°35'35"	5°51'51"	12°59'59"	4°8'00"	
S 17	10 19 31	6°37'51"	13°49'49"	7°7'07"	24°7'07"	8°30'30"	20°29'29"	17°59'59"	15°12'12"	22°6'06"	19°4'04"	4°25'25"	5°48'48"	13°5'05"	4°9'00"	
M 18	10 23 27	7°37'50"	26°57'57"	9°2'02"	25°22'22"	9°15'15"	20°25'25"	18°3'03"	15°14'14"	22°8'08"	19°6'06"	4°15'15"	5°45'45"	13°12'12"	4°11'00"	
T 19	10 27 24	8°37'47"	9°M50	10°58'58"	26°36'36"	9°59'59"	20°21'21"	18°7'07"	15°15'15"	22°10'10"	19°7'07"	4°5'05"	5°42'42"	13°19'19"	4°12'00"	
W 20	10 31 20	9°37'41"	22°29'29"	12°55'55"	27°50'50"	10°44'44"	20°17'17"	18°12'12"	15°17'17"	22°13'13"	19°8'08"	3°56'56"	5°38'38"	13°25'25"	4°13'00"	
T 21	10 35 17	10°37'35"	4°E53	14°53'53"	29°5'05"	11°28'28"	20°12'12"	18°16'16"	15°19'19"	22°15'15"	19°9'09"	3°50'50"	5°35'35"	13°32'32"	4°15'00"	
F 22	10 39 13	11°37'26"	17°3'03"	16°51'51"	0°Y19	12°13'13"	20°8'08"	18°21'21"	15°21'21"	22°17'17"	19°10'10"	3°46'46"	5°32'32"	13°39'39"	4°16'00"	
S 23	10 43 10	12°37'15"	29°2'02"	18°49'49"	1°33'33"	12°57'57"	20°3'03"	18°25'25"	15°23'23"	22°19'19"	19°11'11"	3°D44	5°29'29"	13°45'45"	4°18'00"	
S 24	10 47 6	13°37'03"	10°M53	20°47'47"	2°48'48"	13°41'41"	19°58'58"	18°30'30"	15°25'25"	22°21'21"	19°12'12"	3°45'45"	5°26'26"	13°52'52"	4°20'00"	
M 25	10 51 3	14°36'49"	22°41'41"	22°46'46"	4°2'02"	14°26'26"	19°53'53"	18°35'35"	15°27'27"	22°23'23"	19°13'13"	3°46'46"	5°23'23"	13°58'58"	4°21'00"	
T 26	10 55 0	15°36'33"	4°K30	24°44'44"	5°16'16"	15°10'10"	19°48'48"	18°39'39"	15°29'29"	22°26'26"	19°15'15"	3°47'47"	5°19'19"	14°5'05"	4°23'00"	
W 27	10 58 56	16°36'15"	16°26'26"	26°41'41"	6°30'30"	15°54'54"	19°43'43"	18°44'44"	15°31'31"	22°28'28"	19°16'16"	3°R48	5°16'16"	14°12'12"	4°25'00"	
T 28	11 2 53	17°35'56"	28°K33	28°K37	7°Y44	16°Y38	19°R38	18°R49	15°R33	22°R30	19°Y17	3°R47	5°R13	14°M18	4°II27	

Delta T = 06m06s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 1353

MARCH 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
F 1	11 6 49	18 <del>X</del> 35'35	10 <del>3</del> 57	0 <del>Y</del> 32	8 <del>Y</del> 58	17 <del>Y</del> 22	19°R32	18 <del>8</del> 54	15 <del>8</del> 36	22 <del>3</del> 32	19 <del>Y</del> 18	3°R44	5 <del>8</del> 10	14 <del>M</del> 25	4 <del>II</del> 29		
S 2	11 10 46	19°35'12	23°43	2°26	10°12	18° 6	19 <del>5</del> 26	19° 0	15°38	22°34	19°19	3 <del>8</del> 40	5° 7	14°32	4°31		
S 3	11 14 42	20°34'47	6 <del>3</del> 52	4°17	11°26	18°50	19°20	19° 5	15°40	22°36	19°21	3°34	5° 3	14°38	4°33		
M 4	11 18 39	21°34'21	20°27	6° 5	12°40	19°34	19°14	19°10	15°42	22°38	19°22	3°27	5° 0	14°45	4°36		
T 5	11 22 36	22°33'52	4 <del>X</del> 26	7°51	13°54	20°18	19° 8	19°16	15°45	22°40	19°23	3°20	4°57	14°52	4°38		
W 6	11 26 32	23°33'22	18°45	9°33	15° 8	21° 2	19° 2	19°21	15°47	22°42	19°24	3°14	4°54	14°58	4°40		
T 7	11 30 29	24°32'49	3 <del>Y</del> 20	11°11	16°22	21°46	18°56	19°27	15°50	22°44	19°26	3°10	4°51	15° 5	4°43		
F 8	11 34 25	25°32'15	18° 3	12°45	17°36	22°30	18°49	19°32	15°52	22°46	19°27	3° 7	4°48	15°12	4°45		
S 9	11 38 22	26°31'38	2 <del>8</del> 47	14°14	18°50	23°14	18°43	19°38	15°55	22°48	19°28	3°D 6	4°44	15°18	4°48		
S 10	11 42 18	27°30'59	17°26	15°38	20° 4	23°57	18°36	19°44	15°57	22°50	19°30	3° 7	4°41	15°25	4°51		
M11	11 46 15	28°30'17	1 <del>II</del> 54	16°57	21°17	24°41	18°29	19°49	16° 0	22°52	19°31	3° 8	4°38	15°31	4°53		
T 12	11 50 11	29°29'34	16° 9	18°10	22°31	25°25	18°23	19°55	16° 2	22°54	19°32	3° 9	4°35	15°38	4°56		
W13	11 54 8	0 <del>Y</del> 28'48	0 <del>8</del> 9	19°16	23°45	26° 8	18°16	20° 1	16° 5	22°56	19°34	3°R10	4°32	15°45	4°59		
T 14	11 58 4	1°27'59	13°52	20°17	24°58	26°52	18° 9	20° 7	16° 8	22°58	19°35	3° 9	4°29	15°51	5° 2		
F 15	12 2 1	2°27'09	27°20	21°11	26°12	27°35	18° 1	20°13	16°10	23° 0	19°36	3° 7	4°25	15°58	5° 5		
S 16	12 5 58	3°26'16	10 <del>Q</del> 34	21°58	27°26	28°18	17°54	20°20	16°13	23° 2	19°38	3° 4	4°22	16° 5	5° 8		
S 17	12 9 54	4°25'20	23°32	22°38	28°39	29° 2	17°47	20°26	16°16	23° 3	19°39	2°59	4°19	16°11	5°11		
M18	12 13 51	5°24'22	6 <del>III</del> 18	23°12	29°52	29°45	17°40	20°32	16°19	23° 5	19°40	2°55	4°16	16°18	5°14		
T 19	12 17 47	6°23'22	18°51	23°39	1 <del>8</del> 6	0 <del>8</del> 28	17°32	20°38	16°22	23° 7	19°42	2°50	4°13	16°25	5°17		
W20	12 21 44	7°22'20	1 <del>9</del> 12	23°58	2°19	1°12	17°25	20°45	16°24	23° 9	19°43	2°47	4° 9	16°31	5°20		
T 21	12 25 40	8°21'16	13°22	24°11	3°32	1°55	17°17	20°51	16°27	23°10	19°44	2°44	4° 6	16°38	5°24		
F 22	12 29 37	9°20'10	25°24	24°R17	4°46	2°38	17°10	20°58	16°30	23°12	19°46	2°43	4° 3	16°45	5°27		
S 23	12 33 33	10°19'01	7 <del>II</del> 18	24°16	5°59	3°21	17° 2	21° 4	16°33	23°14	19°47	2°D43	4° 0	16°51	5°31		
S 24	12 37 30	11°17'51	19° 7	24° 9	7°12	4° 4	16°55	21°11	16°36	23°16	19°48	2°44	3°57	16°58	5°34		
M25	12 41 27	12°16'39	0 <del>7</del> 55	23°56	8°25	4°47	16°47	21°18	16°39	23°17	19°50	2°45	3°54	17° 5	5°38		
T 26	12 45 23	13°15'26	12°44	23°37	9°38	5°30	16°40	21°24	16°42	23°19	19°51	2°47	3°50	17°11	5°41		
W27	12 49 20	14°14'10	24°40	23°13	10°51	6°13	16°32	21°31	16°45	23°20	19°53	2°48	3°47	17°18	5°45		
T 28	12 53 16	15°12'53	6 <del>3</del> 47	22°44	12° 4	6°56	16°24	21°38	16°48	23°22	19°54	2°49	3°44	17°25	5°48		
F 29	12 57 13	16°11'34	19°10	22°11	13°17	7°38	16°16	21°45	16°52	23°24	19°55	2°R49	3°41	17°31	5°52		
S 30	13 1 9	17°10'14	1 <del>3</del> 52	21°35	14°30	8°21	16° 9	21°52	16°55	23°25	19°57	2°49	3°38	17°38	5°56		
S 31	13 5 6	18 <del>Y</del> 8'51	14 <del>3</del> 58	20 <del>Y</del> 56	15 <del>8</del> 43	9 <del>8</del> 4	16 <del>5</del> 1	21 <del>8</del> 58	16 <del>8</del> 58	23 <del>3</del> 27	19 <del>Y</del> 58	2 <del>8</del> 47	3 <del>8</del> 35	17 <del>M</del> 44	6 <del>II</del> 0		

Delta T = 06m06s Julian Calendar 1 March 1353 == Greg. Calendar 9 March 1353

APRIL 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍
M 1	13 9 2	19 <del>Y</del> 7'27	28 <del>3</del> 29	20°R15	16 <del>8</del> 56	9 <del>8</del> 47	15°R53	22 <del>8</del> 5	17 <del>8</del> 1	23 <del>3</del> 28	20 <del>Y</del> 0	2°R46	3 <del>8</del> 31	17 <del>M</del> 51	6 <del>II</del> 4		
T 2	13 12 59	20° 6'01	12 <del>X</del> 28	19 <del>Y</del> 32	18° 8	10°29	15 <del>5</del> 46	22°12	17° 4	23°30	20° 1	2 <del>8</del> 44	3°28	17°58	6° 8		
W 3	13 16 56	21° 4'34	26°52	18°50	19°21	11°12	15°38	22°20	17° 7	23°31	20° 2	2°43	3°25	18° 4	6°12		
T 4	13 20 52	22° 3'04	11 <del>Y</del> 36	18° 8	20°34	11°54	15°30	22°27	17°11	23°32	20° 4	2°42	3°22	18°11	6°16		
F 5	13 24 49	23° 1'33	26°35	17°27	21°46	12°37	15°23	22°34	17°14	23°34	20° 5	2°D41	3°19	18°18	6°20		
S 6	13 28 45	24° 0'00	11 <del>8</del> 39	16°48	22°59	13°19	15°15	22°41	17°17	23°35	20° 7	2°41	3°15	18°24	6°24		
S 7	13 32 42	24°58'25	26°40	16°12	24°11	14° 2	15° 8	22°48	17°20	23°37	20° 8	2°42	3°12	18°31	6°28		
M 8	13 36 38	25°56'48	11 <del>II</del> 30	15°38	25°24	14°44	15° 0	22°56	17°24	23°38	20° 9	2°42	3° 9	18°38	6°32		
T 9	13 40 35	26°55'09	26° 3	15° 8	26°36	15°26	14°53	23° 3	17°27	23°39	20°11	2°43	3° 6	18°44	6°36		
W10	13 44 31	27°53'28	10 <del>8</del> 15	14°43	27°48	16° 8	14°46	23°10	17°30	23°40	20°12	2°43	3° 3	18°51	6°41		
T 11	13 48 28	28°51'45	24° 4	14°21	29° 1	16°51	14°38	23°18	17°34	23°42	20°14	2°R43	3° 0	18°58	6°45		
F 12	13 52 25	29°49'59	7 <del>Q</del> 30	14° 4	0 <del>II</del> 13	17°33	14°31	23°25	17°37	23°43	20°15	2°43	2°56	19° 4	6°49		
S 13	13 56 21	0 <del>8</del> 48'12	20°35	13°51	1°25	18°15	14°24	23°32	17°40	23°44	20°16	2°43	2°53	19°11	6°54		
S 14	14 0 18	1°46'22	3 <del>III</del> 21	13°43	2°37	18°57	14°17	23°40	17°44	23°45	20°18	2°43	2°50	19°18	6°58		
M15	14 4 14	2°44'30	15°51	13°D40	3°49	19°39	14°10	23°47	17°47	23°46	20°19	2°D43	2°47	19°24	7° 3		
T 16	14 8 11	3°42'37	28° 8	13°42	5° 1	20°21	14° 3	23°55	17°51	23°47	20°20	2°43	2°44	19°31	7° 7		
W17	14 12 7	4°40'41	10 <del>9</del> 15	13°48	6°13	21° 3	13°56	24° 2	17°54	23°48	20°22	2°43	2°40	19°38	7°12		
T 18	14 16 4	5°38'44	22°14	14° 0	7°25	21°45	13°49	24°10	17°57	23°49	20°23	2°43	2°37	19°44	7°16		
F 19	14 20 0	6°36'45	4 <del>II</del> 7	14°16	8°37	22°26	13°43	24°17	18° 1	23°50	20°24	2°R43	2°34	19°51	7°21		
S 20	14 23 57	7°34'44	15°56	14°36	9°48	23° 8	13°36	24°25	18° 4	23°51	20°26	2°43	2°31	19°57	7°26		
S 21	14 27 54	8°32'42	27°45	15° 1	11° 0	23°50	13°30	24°33	18° 8	23°52	20°27	2°43	2°28	20° 4	7°30		
M22	14 31 50	9°30'38	9 <del>7</del> 34	15°30	12°12	24°32	13°23	24°40	18°11	23°53	20°28	2°42	2°25	20°11	7°35		
T 23	14 35 47	10°28'33	21°27	16° 3	13°23	25°13	13°17	24°48	18°15	23°54	20°30	2°41	2°21	20°17	7°40		
W24	14 39 43	11°26'27	3 <del>3</del> 26	16°40	14°35	25°55	13°11	24°56	18°18	23°55	20°31	2°40	2°18	20°24	7°44		
T 25	14 43 40	12°24'19	15°36	17°21	15°46	26°36	13° 5	25° 3	18°22	23°55	20°32	2°39	2°15	20°31	7°49		
F 26	14 47 36	13°22'10	27°59	18° 6	16°57	27°18	12°59	25°11	18°25	23°56	20°34	2°38	2°12	20°37	7°54		
S 27	14 51 33	14°19'59	10 <del>3</del> 39	18°54	18° 9	27°59	12°54	25°19	18°29	23°57	20°35	2°D38	2° 9	20°44	7°59		
S 28	14 55 29	15°17'48	23°40	19°45	19°20	28°41	12°48	25°27	18°32								

SWISS EPHEMERIS for the year 1353

MAY 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	15 7 19	18♁11'06	5♃10	22♃40	22♁53	0♁45	12°R32	25♁50	18♁43	24≈ 0	20♃40	2♁40	1♁56	21♁11	8♁18								
T 2	15 11 16	19° 8'49	19°50	23°44	24° 4	1°26	12♁27	25°58	18°46	24° 0	20°41	2°41	1°53	21°17	8°23								
F 3	15 15 12	20° 6'32	4♁49	24°51	25°15	2° 7	12°22	26° 6	18°50	24° 1	20°43	2°R42	1°50	21°24	8°28								
S 4	15 19 9	21° 4'13	19°59	26° 1	26°26	2°48	12°18	26°13	18°53	24° 1	20°44	2°41	1°46	21°31	8°33								
S 5	15 23 5	22° 1'54	5♁11	27°14	27°36	3°29	12°13	26°21	18°57	24° 2	20°45	2°40	1°43	21°37	8°38								
M 6	15 27 2	22°59'32	20°16	28°30	28°47	4°11	12° 9	26°29	19° 0	24° 2	20°46	2°37	1°40	21°44	8°43								
T 7	15 30 58	23°57'10	5♁ 4	29°48	29°57	4°52	12° 4	26°37	19° 4	24° 2	20°48	2°34	1°37	21°51	8°48								
W 8	15 34 55	24°54'46	19°29	1♁ 9	1♁ 8	5°33	12° 0	26°45	19° 7	24° 3	20°49	2°32	1°34	21°57	8°53								
T 9	15 38 52	25°52'20	3♁28	2°32	2°18	6°14	11°56	26°53	19°11	24° 3	20°50	2°30	1°31	22° 4	8°58								
F 10	15 42 48	26°49'53	17° 0	3°58	3°29	6°55	11°53	27° 0	19°14	24° 3	20°51	2°28	1°27	22°11	9° 4								
S 11	15 46 45	27°47'25	0♁ 5	5°27	4°39	7°35	11°49	27° 8	19°18	24° 4	20°52	2°D28	1°24	22°17	9° 9								
S 12	15 50 41	28°44'55	12°48	6°58	5°49	8°16	11°46	27°16	19°21	24° 4	20°53	2°29	1°21	22°24	9°14								
M13	15 54 38	29°42'24	25°11	8°31	6°59	8°57	11°42	27°24	19°24	24° 4	20°54	2°30	1°18	22°31	9°19								
T 14	15 58 34	0♁39'51	7♁20	10° 7	8° 9	9°38	11°39	27°32	19°28	24° 4	20°56	2°32	1°15	22°37	9°24								
W15	16 2 31	1°37'17	19°18	11°46	9°19	10°18	11°36	27°39	19°31	24° 5	20°57	2°33	1°12	22°44	9°29								
T 16	16 6 27	2°34'42	1♁10	13°27	10°28	10°59	11°34	27°47	19°35	24° 5	20°58	2°R34	1° 8	22°50	9°34								
F 17	16 10 24	3°32'06	12°58	15°10	11°38	11°40	11°31	27°55	19°38	24° 5	20°59	2°33	1° 5	22°57	9°40								
S 18	16 14 21	4°29'29	24°46	16°56	12°48	12°20	11°29	28° 3	19°42	24° 5	21° 0	2°31	1° 2	23° 4	9°45								
S 19	16 18 17	5°26'51	6♁36	18°44	13°57	13° 1	11°27	28°11	19°45	24°R 5	21° 1	2°28	0°59	23°10	9°50								
M20	16 22 14	6°24'12	18°30	20°35	15° 6	13°41	11°25	28°19	19°48	24° 5	21° 2	2°23	0°56	23°17	9°55								
T 21	16 26 10	7°21'33	0♁30	22°28	16°16	14°22	11°23	28°26	19°52	24° 5	21° 3	2°17	0°52	23°24	10° 0								
W22	16 30 7	8°18'52	12°38	24°23	17°25	15° 2	11°21	28°34	19°55	24° 5	21° 4	2°11	0°49	23°30	10° 5								
T 23	16 34 3	9°16'11	24°55	26°21	18°34	15°43	11°20	28°42	19°58	24° 5	21° 5	2° 5	0°46	23°37	10°11								
F 24	16 38 0	10°13'30	7≈24	28°21	19°43	16°23	11°18	28°50	20° 2	24° 4	21° 6	2° 0	0°43	23°44	10°16								
S 25	16 41 56	11°10'48	20° 8	0♁23	20°52	17° 3	11°17	28°57	20° 5	24° 4	21° 7	1°56	0°40	23°50	10°21								
S 26	16 45 53	12° 8'05	3♁ 8	2°27	22° 0	17°44	11°16	29° 5	20° 8	24° 4	21° 8	1°54	0°37	23°57	10°26								
M27	16 49 50	13° 5'22	16°27	4°32	23° 9	18°24	11°15	29°13	20°12	24° 4	21° 9	1°D54	0°33	24° 4	10°31								
T 28	16 53 46	14° 2'39	0♁ 8	6°39	24°17	19° 4	11°15	29°20	20°15	24° 3	21°10	1°54	0°30	24°10	10°37								
W29	16 57 43	14°59'55	14°12	8°48	25°26	19°44	11°14	29°28	20°18	24° 3	21°11	1°56	0°27	24°17	10°42								
T 30	17 1 39	15°57'11	28°38	10°57	26°34	20°25	11°14	29°36	20°22	24° 3	21°12	1°R57	0°24	24°24	10°47								
F 31	17 5 36	16♁54'27	13♁24	13♁ 8	27♁42	21♁ 5	11°D14	29♁43	20♁25	24≈ 2	21♃13	1♁56	0♁21	24♁30	10♁52								

Delta T = 06m05s Julian Calendar 1 May 1353 == Greg. Calendar 9 May 1353

JUNE 1353 JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	17 9 32	17♁51'43	28♁25	15♁19	28♁50	21♁45	11♁14	29♁51	20♁28	24°R 2	21♃13	1°R54	0♁18	24♁37	10♁57								
S 2	17 13 29	18°48'58	13♁32	17°31	29°58	22°25	11°14	29°59	20°31	24≈ 2	21°14	1♁49	0°14	24°44	11° 3								
M 3	17 17 25	19°46'13	28°37	19°42	1♁ 6	23° 5	11°15	0♁ 6	20°34	24° 1	21°15	1°43	0°11	24°50	11° 8								
T 4	17 21 22	20°43'27	13♁30	21°54	2°13	23°45	11°16	0°14	20°37	24° 1	21°16	1°36	0° 8	24°57	11°13								
W 5	17 25 19	21°40'41	28° 2	24° 5	3°21	24°25	11°16	0°21	20°41	24° 0	21°17	1°29	0° 5	25° 4	11°18								
T 6	17 29 15	22°37'54	12♁ 8	26°15	4°28	25° 5	11°17	0°29	20°44	24° 0	21°17	1°22	0° 2	25°10	11°23								
F 7	17 33 12	23°35'07	25°45	28°24	5°36	25°45	11°19	0°36	20°47	23°59	21°18	1°17	29♃58	25°17	11°28								
S 8	17 37 8	24°32'19	8♁55	0♁33	6°43	26°24	11°20	0°43	20°50	23°58	21°19	1°14	29°55	25°24	11°34								
S 9	17 41 5	25°29'31	21°39	2°39	7°49	27° 4	11°22	0°51	20°53	23°58	21°20	1°D12	29°52	25°30	11°39								
M10	17 45 1	26°26'42	4♁ 1	4°45	8°56	27°44	11°23	0°58	20°56	23°57	21°20	1°12	29°49	25°37	11°44								
T 11	17 48 58	27°23'52	16° 8	6°48	10° 3	28°24	11°25	1° 6	20°59	23°56	21°21	1°13	29°46	25°44	11°49								
W12	17 52 55	28°21'03	28° 3	8°51	11° 9	29° 3	11°27	1°13	21° 2	23°56	21°22	1°R14	29°43	25°50	11°54								
T 13	17 56 51	29°18'12	9♁52	10°51	12°15	29°43	11°30	1°20	21° 5	23°55	21°22	1°14	29°39	25°57	11°59								
F 14	18 0 48	0♁15'22	21°39	12°49	13°22	0♁23	11°32	1°27	21° 8	23°54	21°23	1°12	29°36	26° 4	12° 4								
S 15	18 4 44	1°12'31	3♁29	14°46	14°27	1° 2	11°35	1°34	21°10	23°53	21°24	1° 7	29°33	26°10	12° 9								
S 16	18 8 41	2° 9'41	15°23	16°40	15°33	1°42	11°37	1°42	21°13	23°53	21°24	1° 0	29°30	26°17	12°14								
M17	18 12 37	3° 6'50	27°25	18°32	16°39	2°21	11°40	1°49	21°16	23°52	21°25	0°51	29°27	26°24	12°19								
T 18	18 16 34	4° 3'59	9♁36	20°23	17°44	3° 1	11°43	1°56	21°19	23°51	21°25	0°40	29°24	26°30	12°24								
W19	18 20 30	5° 1'09	21°57	22°11	18°49	3°40	11°47	2° 3	21°22	23°50	21°26	0°29	29°20	26°37	12°29								
T 20	18 24 27	5°58'18	4≈28	23°58	19°54	4°20	11°50	2°10	21°24	23°49	21°26	0°18	29°17	26°44	12°34								
F 21	18 28 24	6°55'28	17°11	25°42	20°59	4°59	11°54	2°17	21°27	23°48	21°27	0° 8	29°14	26°50	12°39								
S 22	18 32 20	7°52'38	0♁ 6	27°25	22° 3	5°39	11°58	2°24	21°30	23°47	21°27	0° 1	29°11	26°57	12°44								
S 23	18 36 17	8°49'49	13°14	29° 5	23° 8	6°18	12° 1	2°31	21°32	23°46	21°28	29♃56	29° 8	27° 4	12°49								
M24	18 40 13	9°47'00	26°36	0♁44	24°12	6°57	12° 6	2°37	21°35	23°45	21°28	29°53	29° 4	27°10	12°53								
T 25	18 44 10	10°44'11	10♃14	2°20	25°15	7°37	12°10	2°44	21°38	23°44	21°28	29°D53	29° 1	27°17	12°58								
W26	18 48 6	11°41'23	24° 8	3°55	26°19	8°16	12°14	2°51	21°40	23°43	21°29	29°R53	28°58	27°24	13° 3								
T 27	18 52 3	12°38'36	8♁21	5°27	27°22	8°55	12°19	2°58	21°43	23°42	21°29	29°53	28°55	27°30	13° 8								
F 28	18 55 59	13°35'50	22°49	6°57	28°26	9°34	12°23	3° 4	21°45	23°40	21°30	29°51	28°52	27°37	13°12								
S 29	18 59 56	14°33'04	7♁31	8°25	29°28	10°14	12°28	3°11	21°48	23°39	21°30	29°47	28°49	27°44	13°17								
S 30	19 3 53	15♁30'19	22♁20	9♁52	0♁31	10♁53	12♁33	3♁17	21♁50	23≈38	21♃30	29♃40	28♃45	27♁50	13♁22								

Delta T = 06m05s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 1353

JULY 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
M 1	19 7 49	16☉27'35	7☽10	11♁16	1♃34	11☉32	12♁39	3♂24	21♃52	23°R37	21°V30	29°R31	28°V42	27♁57	13♂27
T 2	19 11 46	17°24'51	21°52	12°38	2°36	12°11	12°44	3°30	21°55	23°R36	21°31	29°V21	28°39	28° 4	13°31
W 3	19 15 42	18°22'07	6♁18	13°57	3°37	12°50	12°49	3°36	21°57	23°34	21°31	29° 9	28°36	28°10	13°36
T 4	19 19 39	19°19'24	20°22	15°15	4°39	13°29	12°55	3°43	21°59	23°33	21°31	28°59	28°33	28°17	13°40
F 5	19 23 35	20°16'42	3♃59	16°30	5°40	14° 8	13° 1	3°49	22° 1	23°32	21°31	28°51	28°30	28°24	13°45
S 6	19 27 32	21°13'59	17°10	17°43	6°41	14°47	13° 7	3°55	22° 4	23°31	21°32	28°45	28°26	28°30	13°49
S 7	19 31 28	22°11'18	29°56	18°54	7°42	15°26	13°13	4° 1	22° 6	23°29	21°32	28°41	28°23	28°37	13°54
M 8	19 35 25	23° 8'36	12♁20	20° 2	8°42	16° 5	13°19	4° 7	22° 8	23°28	21°32	28°40	28°20	28°44	13°58
T 9	19 39 22	24° 5'55	24°27	21° 7	9°42	16°44	13°25	4°13	22°10	23°26	21°32	28°39	28°17	28°50	14° 2
W10	19 43 18	25° 3'15	6♁23	22°10	10°42	17°23	13°32	4°19	22°12	23°25	21°32	28°39	28°14	28°57	14° 7
T11	19 47 15	26° 0'35	18°12	23°10	11°41	18° 2	13°38	4°25	22°14	23°24	21°32	28°38	28°10	29° 3	14°11
F12	19 51 11	26°57'55	0♁ 1	24° 7	12°40	18°41	13°45	4°31	22°16	23°22	21°32	28°36	28° 7	29°10	14°15
S13	19 55 8	27°55'17	11°54	25° 2	13°38	19°20	13°52	4°37	22°18	23°21	21°32	28°30	28° 4	29°17	14°20
S14	19 59 4	28°52'39	23°54	25°53	14°36	19°58	13°59	4°42	22°19	23°19	21°R32	28°22	28° 1	29°23	14°24
M15	20 3 1	29°50'01	6♁ 2	26°40	15°34	20°37	14° 6	4°48	22°21	23°18	21°32	28°12	27°58	29°30	14°28
T16	20 6 58	0♁47'25	18° 7	27°25	16°31	21°16	14°14	4°54	22°23	23°16	21°32	28° 0	27°55	29°37	14°32
W17	20 10 54	1°44'50	1♁ 3	28° 6	17°28	21°55	14°21	4°59	22°25	23°15	21°32	27°46	27°51	29°44	14°36
T18	20 14 51	2°42'15	13°53	28°43	18°24	22°33	14°29	5° 4	22°26	23°13	21°32	27°34	27°48	29°50	14°40
F19	20 18 47	3°39'42	26°55	29°16	19°20	23°12	14°36	5°10	22°28	23°12	21°32	27°23	27°45	29°57	14°44
S20	20 22 44	4°37'09	10♁ 9	29°44	20°15	23°51	14°44	5°15	22°30	23°10	21°32	27°14	27°42	0♁ 4	14°48
S21	20 26 40	5°34'38	23°33	0♃ 9	21°10	24°29	14°52	5°20	22°31	23° 9	21°32	27° 8	27°39	0°10	14°52
M22	20 30 37	6°32'08	7°V 8	0°29	22° 5	25° 8	15° 0	5°25	22°33	23° 7	21°32	27° 5	27°36	0°17	14°56
T23	20 34 33	7°29'39	20°53	0°44	22°58	25°46	15° 8	5°30	22°34	23° 6	21°31	27° 4	27°32	0°24	14°59
W24	20 38 30	8°27'12	4♁48	0°54	23°52	26°25	15°16	5°35	22°35	23° 4	21°31	27° 4	27°29	0°30	15° 3
T25	20 42 26	9°24'47	18°53	0°R59	24°44	27° 4	15°25	5°40	22°37	23° 3	21°31	27° 3	27°26	0°37	15° 7
F26	20 46 23	10°22'23	3♂ 7	0°59	25°36	27°42	15°33	5°45	22°38	23° 1	21°31	27° 2	27°23	0°44	15°10
S27	20 50 20	11°20'01	17°29	0°54	26°28	28°21	15°42	5°50	22°39	22°59	21°30	26°58	27°20	0°50	15°14
S28	20 54 16	12°17'40	1♁56	0°42	27°19	28°59	15°51	5°54	22°41	22°58	21°30	26°51	27°16	0°57	15°17
M29	20 58 13	13°15'21	16°21	0°26	28° 9	29°38	16° 0	5°59	22°42	22°56	21°30	26°43	27°13	1° 4	15°21
T30	21 2 9	14°13'03	0♁41	0° 3	28°58	0♁16	16° 8	6° 3	22°43	22°55	21°29	26°32	27°10	1°10	15°24
W31	21 6 6	15♁10'47	14♁48	29♁36	29♃47	0♁54	16♁18	6♂ 8	22♁44	22°53	21°V29	26°V21	27°V 7	1♁17	15♂28

Delta T = 06m05s Julian Calendar 1 July 1353 == Greg. Calendar 9 July 1353

AUGUST 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	21 10 2	16♁ 8'32	28♁37	29°R 2	0♁35	1♁33	16♁27	6♂12	22♁45	22°R51	21°R29	26°R11	27°V 4	1♁24	15♂31
F 2	21 13 59	17° 6'18	12♃ 5	28♁24	1°22	2°11	16°36	6°16	22°46	22°50	21°V28	26°V 2	27° 1	1°30	15°34
S 3	21 17 56	18° 4'05	25°11	27°42	2° 9	2°50	16°45	6°20	22°47	22°48	21°28	25°56	26°57	1°37	15°37
S 4	21 21 52	19° 1'54	7♁54	26°55	2°55	3°28	16°55	6°24	22°48	22°46	21°28	25°52	26°54	1°44	15°40
M 5	21 25 49	19°59'44	20°17	26° 6	3°39	4° 6	17° 4	6°28	22°49	22°45	21°27	25°D51	26°51	1°50	15°43
T 6	21 29 45	20°57'35	2♁25	25°13	4°23	4°45	17°14	6°32	22°49	22°43	21°27	25°51	26°48	1°57	15°46
W 7	21 33 42	21°55'28	14°22	24°19	5° 6	5°23	17°24	6°36	22°50	22°42	21°26	25°51	26°45	2° 4	15°49
T 8	21 37 38	22°53'21	26°12	23°25	5°48	6° 1	17°34	6°40	22°51	22°40	21°26	25°R51	26°42	2°10	15°52
F 9	21 41 35	23°51'17	8♁ 2	22°31	6°29	6°39	17°44	6°43	22°51	22°38	21°25	25°50	26°38	2°17	15°55
S10	21 45 31	24°49'13	19°57	21°39	7° 9	7°18	17°54	6°47	22°52	22°37	21°25	25°47	26°35	2°24	15°58
S11	21 49 28	25°47'11	2♁ 3	20°50	7°48	7°56	18° 4	6°50	22°52	22°35	21°24	25°42	26°32	2°30	16° 1
M12	21 53 25	26°45'10	14°18	20° 5	8°25	8°34	18°14	6°54	22°53	22°33	21°23	25°34	26°29	2°37	16° 3
T13	21 57 21	27°43'11	26°50	19°25	9° 2	9°12	18°24	6°57	22°53	22°32	21°23	25°25	26°26	2°44	16° 6
W14	22 1 18	28°41'14	9♁40	18°51	9°37	9°50	18°35	7° 0	22°54	22°30	21°22	25°15	26°22	2°50	16° 8
T15	22 5 14	29°39'17	22°47	18°23	10°11	10°28	18°45	7° 3	22°54	22°28	21°22	25° 5	26°19	2°57	16°11
F16	22 9 11	0♃37'23	6♁11	18° 3	10°44	11° 6	18°56	7° 6	22°54	22°27	21°21	24°57	26°16	3° 4	16°13
S17	22 13 7	1°35'30	19°48	17°51	11°15	11°45	19° 7	7° 9	22°54	22°25	21°20	24°50	26°13	3°10	16°15
S18	22 17 4	2°33'39	3°V37	17°D48	11°45	12°23	19°17	7°11	22°55	22°24	21°20	24°46	26°10	3°17	16°18
M19	22 21 0	3°31'50	17°34	17°53	12°13	13° 1	19°28	7°14	22°55	22°22	21°19	24°44	26° 7	3°24	16°20
T20	22 24 57	4°30'03	1♁37	18° 7	12°40	13°39	19°39	7°16	22°55	22°20	21°18	24°D44	26° 3	3°30	16°22
W21	22 28 53	5°28'18	15°44	18°30	13° 5	14°17	19°50	7°19	22°R55	22°19	21°17	24°45	26° 0	3°37	16°24
T22	22 32 50	6°26'35	29°52	19° 1	13°28	14°55	20° 1	7°21	22°55	22°17	21°17	24°R46	25°57	3°44	16°26
F23	22 36 47	7°24'55	14♂ 2	19°41	13°50	15°33	20°12	7°23	22°55	22°16	21°16	24°46	25°54	3°50	16°28
S24	22 40 43	8°23'16	28°11	20°29	14°10	16°11	20°23	7°25	22°55	22°14	21°15	24°44	25°51	3°57	16°30
S25	22 44 40	9°21'40	12♁17	21°25	14°28	16°49	20°35	7°27	22°54	22°13	21°14	24°41	25°48	4° 4	16°31
M26	22 48 36	10°20'06	26°17	22°28	14°45	17°27	20°46	7°29	22°54	22°11	21°14	24°35	25°44	4°10	16°33
T27	22 52 33	11°18'34	10♁10	23°39	14°59	18° 5	20°57	7°31	22°54	22° 9	21°13	24°29	25°41	4°17	16°35
W28	22 56 29	12°17'04	23°50	24°55	15°11	18°43	21° 9	7°33	22°54	22° 8	21°12	24°21	25°38	4°24	16°36
T29	23 0 26	13°15'36	7♃17	26°17	15°22	19°20	21°20	7°34	22°53	22° 6	21°11	24°15	25°35	4°30	16°38
F30	23 4 23	14°14'10	20°27	27°44	15°30	19°58	21°32	7°36	22°53	22° 5	21°10	24° 9	25°32	4°37	16°39
S31	23 8 19	15♂12'45	3♁19	29♁15	15♁36	20♁36	21♁44	7♂37	22♁52	22° 3	21°V 9	24°V 5	25°V28	4♁44	16♂40

Delta T = 06m05s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 1353

SEPTEMBER 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅
S 1	23 12 16	16 <sup>h</sup> 11'23"	15 <sup>h</sup> 54'	0 <sup>h</sup> 51'	15 <sup>h</sup> 40'	21 <sup>h</sup> 14'	21 <sup>h</sup> 55'	7 <sup>h</sup> 38'	22 <sup>h</sup> 52'	22 <sup>h</sup> 02'	21 <sup>h</sup> 08'	24 <sup>h</sup> 03'	25 <sup>h</sup> 25'	4 <sup>h</sup> 50'	16 <sup>h</sup> 42'	
M 2	23 16 12	17 <sup>h</sup> 10'02"	28 <sup>h</sup> 13'	2 <sup>h</sup> 29'	15 <sup>h</sup> R41	21 <sup>h</sup> 52'	22 <sup>h</sup> 07'	7 <sup>h</sup> 40'	22 <sup>h</sup> 51'	22 <sup>h</sup> 00'	21 <sup>h</sup> 08'	24 <sup>h</sup> D3	25 <sup>h</sup> 22'	4 <sup>h</sup> 57'	16 <sup>h</sup> 43'	
T 3	23 20 9	18 <sup>h</sup> 8'44"	10 <sup>h</sup> 18'	4 <sup>h</sup> 11'	15 <sup>h</sup> 40'	22 <sup>h</sup> 30'	22 <sup>h</sup> 19'	7 <sup>h</sup> 41'	22 <sup>h</sup> 50'	21 <sup>h</sup> 59'	21 <sup>h</sup> 07'	24 <sup>h</sup> 04'	25 <sup>h</sup> 19'	5 <sup>h</sup> 04'	16 <sup>h</sup> 44'	
W 4	23 24 5	19 <sup>h</sup> 7'27"	22 <sup>h</sup> 14'	5 <sup>h</sup> 55'	15 <sup>h</sup> 37'	23 <sup>h</sup> 07'	22 <sup>h</sup> 31'	7 <sup>h</sup> 42'	22 <sup>h</sup> 50'	21 <sup>h</sup> 58'	21 <sup>h</sup> 06'	24 <sup>h</sup> 06'	25 <sup>h</sup> 16'	5 <sup>h</sup> 10'	16 <sup>h</sup> 45'	
T 5	23 28 2	20 <sup>h</sup> 6'12"	4 <sup>h</sup> 5'	7 <sup>h</sup> 40'	15 <sup>h</sup> 31'	23 <sup>h</sup> 45'	22 <sup>h</sup> 43'	7 <sup>h</sup> 42'	22 <sup>h</sup> 49'	21 <sup>h</sup> 56'	21 <sup>h</sup> 05'	24 <sup>h</sup> 08'	25 <sup>h</sup> 13'	5 <sup>h</sup> 17'	16 <sup>h</sup> 46'	
F 6	23 31 58	21 <sup>h</sup> 4'58"	15 <sup>h</sup> 55'	9 <sup>h</sup> 27'	15 <sup>h</sup> 23'	24 <sup>h</sup> 23'	22 <sup>h</sup> 55'	7 <sup>h</sup> 43'	22 <sup>h</sup> 48'	21 <sup>h</sup> 55'	21 <sup>h</sup> 04'	24 <sup>h</sup> R9	25 <sup>h</sup> 09'	5 <sup>h</sup> 24'	16 <sup>h</sup> 47'	
S 7	23 35 55	22 <sup>h</sup> 3'47"	27 <sup>h</sup> 50'	11 <sup>h</sup> 15'	15 <sup>h</sup> 13'	25 <sup>h</sup> 01'	23 <sup>h</sup> 07'	7 <sup>h</sup> 44'	22 <sup>h</sup> 47'	21 <sup>h</sup> 53'	21 <sup>h</sup> 03'	24 <sup>h</sup> 09'	25 <sup>h</sup> 06'	5 <sup>h</sup> 30'	16 <sup>h</sup> 47'	
S 8	23 39 51	23 <sup>h</sup> 2'37"	9 <sup>h</sup> 54'	13 <sup>h</sup> 04'	15 <sup>h</sup> 00'	25 <sup>h</sup> 39'	23 <sup>h</sup> 19'	7 <sup>h</sup> 44'	22 <sup>h</sup> 46'	21 <sup>h</sup> 52'	21 <sup>h</sup> 02'	24 <sup>h</sup> 07'	25 <sup>h</sup> 03'	5 <sup>h</sup> 37'	16 <sup>h</sup> 48'	
M 9	23 43 48	24 <sup>h</sup> 1'29"	22 <sup>h</sup> 12'	14 <sup>h</sup> 53'	14 <sup>h</sup> 45'	26 <sup>h</sup> 16'	23 <sup>h</sup> 31'	7 <sup>h</sup> 45'	22 <sup>h</sup> 46'	21 <sup>h</sup> 51'	21 <sup>h</sup> 01'	24 <sup>h</sup> 04'	25 <sup>h</sup> 00'	5 <sup>h</sup> 44'	16 <sup>h</sup> 49'	
T 10	23 47 45	25 <sup>h</sup> 0'23"	4 <sup>h</sup> 48'	16 <sup>h</sup> 43'	14 <sup>h</sup> 27'	26 <sup>h</sup> 54'	23 <sup>h</sup> 44'	7 <sup>h</sup> 45'	22 <sup>h</sup> 45'	21 <sup>h</sup> 49'	21 <sup>h</sup> 00'	24 <sup>h</sup> 01'	24 <sup>h</sup> 57'	5 <sup>h</sup> 51'	16 <sup>h</sup> 49'	
W11	23 51 41	25 <sup>h</sup> 59'19"	17 <sup>h</sup> 45'	18 <sup>h</sup> 32'	14 <sup>h</sup> 08'	27 <sup>h</sup> 32'	23 <sup>h</sup> 56'	7 <sup>h</sup> 45'	22 <sup>h</sup> 44'	21 <sup>h</sup> 48'	20 <sup>h</sup> 59'	23 <sup>h</sup> 56'	24 <sup>h</sup> 53'	5 <sup>h</sup> 57'	16 <sup>h</sup> 50'	
T 12	23 55 38	26 <sup>h</sup> 58'16"	1 <sup>h</sup> 3'	20 <sup>h</sup> 22'	13 <sup>h</sup> 46'	28 <sup>h</sup> 09'	24 <sup>h</sup> 08'	7 <sup>h</sup> R45	22 <sup>h</sup> 42'	21 <sup>h</sup> 47'	20 <sup>h</sup> 58'	23 <sup>h</sup> 52'	24 <sup>h</sup> 50'	6 <sup>h</sup> 04'	16 <sup>h</sup> 50'	
F 13	23 59 34	27 <sup>h</sup> 57'15"	14 <sup>h</sup> 43'	22 <sup>h</sup> 11'	13 <sup>h</sup> 21'	28 <sup>h</sup> 47'	24 <sup>h</sup> 21'	7 <sup>h</sup> 45'	22 <sup>h</sup> 41'	21 <sup>h</sup> 46'	20 <sup>h</sup> 57'	23 <sup>h</sup> 48'	24 <sup>h</sup> 47'	6 <sup>h</sup> 11'	16 <sup>h</sup> 51'	
S 14	0 3 31	28 <sup>h</sup> 56'17"	28 <sup>h</sup> 42'	23 <sup>h</sup> 59'	12 <sup>h</sup> 55'	29 <sup>h</sup> 25'	24 <sup>h</sup> 33'	7 <sup>h</sup> 45'	22 <sup>h</sup> 40'	21 <sup>h</sup> 44'	20 <sup>h</sup> 56'	23 <sup>h</sup> 45'	24 <sup>h</sup> 44'	6 <sup>h</sup> 17'	16 <sup>h</sup> 51'	
S 15	0 7 27	29 <sup>h</sup> 55'20"	12 <sup>h</sup> 56'	25 <sup>h</sup> 47'	12 <sup>h</sup> 27'	0 <sup>h</sup> 22'	24 <sup>h</sup> 46'	7 <sup>h</sup> 44'	22 <sup>h</sup> 39'	21 <sup>h</sup> 43'	20 <sup>h</sup> 55'	23 <sup>h</sup> 44'	24 <sup>h</sup> 41'	6 <sup>h</sup> 24'	16 <sup>h</sup> 51'	
M16	0 11 24	0 <sup>h</sup> 54'26"	27 <sup>h</sup> 20'	27 <sup>h</sup> 35'	11 <sup>h</sup> 57'	0 <sup>h</sup> 40'	24 <sup>h</sup> 58'	7 <sup>h</sup> 44'	22 <sup>h</sup> 38'	21 <sup>h</sup> 42'	20 <sup>h</sup> 54'	23 <sup>h</sup> D44	24 <sup>h</sup> 38'	6 <sup>h</sup> 31'	16 <sup>h</sup> 51'	
T 17	0 15 20	1 <sup>h</sup> 53'33"	11 <sup>h</sup> 49'	29 <sup>h</sup> 22'	11 <sup>h</sup> 26'	1 <sup>h</sup> 17'	25 <sup>h</sup> 11'	7 <sup>h</sup> 43'	22 <sup>h</sup> 36'	21 <sup>h</sup> 41'	20 <sup>h</sup> 53'	23 <sup>h</sup> 44'	24 <sup>h</sup> 34'	6 <sup>h</sup> 37'	16 <sup>h</sup> R51	
W18	0 19 17	2 <sup>h</sup> 52'43"	26 <sup>h</sup> 18'	1 <sup>h</sup> 8'	10 <sup>h</sup> 53'	1 <sup>h</sup> 55'	25 <sup>h</sup> 23'	7 <sup>h</sup> 43'	22 <sup>h</sup> 35'	21 <sup>h</sup> 40'	20 <sup>h</sup> 52'	23 <sup>h</sup> 46'	24 <sup>h</sup> 31'	6 <sup>h</sup> 44'	16 <sup>h</sup> 51'	
T 19	0 23 14	3 <sup>h</sup> 51'56"	10 <sup>h</sup> 43'	2 <sup>h</sup> 53'	10 <sup>h</sup> 19'	2 <sup>h</sup> 32'	25 <sup>h</sup> 36'	7 <sup>h</sup> 42'	22 <sup>h</sup> 34'	21 <sup>h</sup> 39'	20 <sup>h</sup> 50'	23 <sup>h</sup> 47'	24 <sup>h</sup> 28'	6 <sup>h</sup> 51'	16 <sup>h</sup> 51'	
F 20	0 27 10	4 <sup>h</sup> 51'11"	2 <sup>h</sup> 50'	4 <sup>h</sup> 38'	9 <sup>h</sup> 43'	3 <sup>h</sup> 10'	25 <sup>h</sup> 48'	7 <sup>h</sup> 41'	22 <sup>h</sup> 32'	21 <sup>h</sup> 37'	20 <sup>h</sup> 49'	23 <sup>h</sup> 48'	24 <sup>h</sup> 25'	6 <sup>h</sup> 57'	16 <sup>h</sup> 51'	
S 21	0 31 7	5 <sup>h</sup> 50'28"	9 <sup>h</sup> 7'	6 <sup>h</sup> 22'	9 <sup>h</sup> 08'	3 <sup>h</sup> 48'	26 <sup>h</sup> 01'	7 <sup>h</sup> 40'	22 <sup>h</sup> 31'	21 <sup>h</sup> 36'	20 <sup>h</sup> 48'	23 <sup>h</sup> R48	24 <sup>h</sup> 22'	7 <sup>h</sup> 04'	16 <sup>h</sup> 50'	
S 22	0 35 3	6 <sup>h</sup> 49'48"	23 <sup>h</sup> 02'	8 <sup>h</sup> 06'	8 <sup>h</sup> 31'	4 <sup>h</sup> 25'	26 <sup>h</sup> 14'	7 <sup>h</sup> 39'	22 <sup>h</sup> 29'	21 <sup>h</sup> 35'	20 <sup>h</sup> 47'	23 <sup>h</sup> 47'	24 <sup>h</sup> 19'	7 <sup>h</sup> 11'	16 <sup>h</sup> 50'	
M23	0 39 0	7 <sup>h</sup> 49'10"	6 <sup>h</sup> 44'	9 <sup>h</sup> 48'	7 <sup>h</sup> 55'	5 <sup>h</sup> 03'	26 <sup>h</sup> 27'	7 <sup>h</sup> 38'	22 <sup>h</sup> 28'	21 <sup>h</sup> 34'	20 <sup>h</sup> 46'	23 <sup>h</sup> 46'	24 <sup>h</sup> 15'	7 <sup>h</sup> 17'	16 <sup>h</sup> 49'	
T 24	0 42 56	8 <sup>h</sup> 48'34"	20 <sup>h</sup> 13'	11 <sup>h</sup> 30'	7 <sup>h</sup> 18'	5 <sup>h</sup> 40'	26 <sup>h</sup> 39'	7 <sup>h</sup> 37'	22 <sup>h</sup> 26'	21 <sup>h</sup> 33'	20 <sup>h</sup> 45'	23 <sup>h</sup> 44'	24 <sup>h</sup> 12'	7 <sup>h</sup> 24'	16 <sup>h</sup> 49'	
W25	0 46 53	9 <sup>h</sup> 48'01"	3 <sup>h</sup> 28'	13 <sup>h</sup> 11'	6 <sup>h</sup> 41'	6 <sup>h</sup> 18'	26 <sup>h</sup> 52'	7 <sup>h</sup> 35'	22 <sup>h</sup> 25'	21 <sup>h</sup> 32'	20 <sup>h</sup> 44'	23 <sup>h</sup> 42'	24 <sup>h</sup> 09'	7 <sup>h</sup> 31'	16 <sup>h</sup> 48'	
T 26	0 50 49	10 <sup>h</sup> 47'29"	16 <sup>h</sup> 29'	14 <sup>h</sup> 52'	6 <sup>h</sup> 05'	6 <sup>h</sup> 55'	27 <sup>h</sup> 05'	7 <sup>h</sup> 34'	22 <sup>h</sup> 23'	21 <sup>h</sup> 31'	20 <sup>h</sup> 43'	23 <sup>h</sup> 40'	24 <sup>h</sup> 06'	7 <sup>h</sup> 37'	16 <sup>h</sup> 48'	
F 27	0 54 46	11 <sup>h</sup> 47'00"	29 <sup>h</sup> 17'	16 <sup>h</sup> 31'	5 <sup>h</sup> 30'	7 <sup>h</sup> 32'	27 <sup>h</sup> 18'	7 <sup>h</sup> 32'	22 <sup>h</sup> 21'	21 <sup>h</sup> 30'	20 <sup>h</sup> 42'	23 <sup>h</sup> 39'	24 <sup>h</sup> 03'	7 <sup>h</sup> 44'	16 <sup>h</sup> 47'	
S 28	0 58 43	12 <sup>h</sup> 46'33"	11 <sup>h</sup> 51'	18 <sup>h</sup> 10'	4 <sup>h</sup> 56'	8 <sup>h</sup> 10'	27 <sup>h</sup> 31'	7 <sup>h</sup> 31'	22 <sup>h</sup> 19'	21 <sup>h</sup> 30'	20 <sup>h</sup> 40'	23 <sup>h</sup> 38'	23 <sup>h</sup> 59'	7 <sup>h</sup> 51'	16 <sup>h</sup> 46'	
S 29	1 2 39	13 <sup>h</sup> 46'08"	24 <sup>h</sup> 13'	19 <sup>h</sup> 48'	4 <sup>h</sup> 22'	8 <sup>h</sup> 47'	27 <sup>h</sup> 44'	7 <sup>h</sup> 29'	22 <sup>h</sup> 18'	21 <sup>h</sup> 29'	20 <sup>h</sup> 39'	23 <sup>h</sup> D38	23 <sup>h</sup> 56'	7 <sup>h</sup> 57'	16 <sup>h</sup> 45'	
M30	1 6 36	14 <sup>h</sup> 45'46"	6 <sup>h</sup> 12'	21 <sup>h</sup> 26'	3 <sup>h</sup> 50'	9 <sup>h</sup> 25'	27 <sup>h</sup> 57'	7 <sup>h</sup> 27'	22 <sup>h</sup> 16'	21 <sup>h</sup> 28'	20 <sup>h</sup> 38'	23 <sup>h</sup> 38'	23 <sup>h</sup> 53'	8 <sup>h</sup> 04'	16 <sup>h</sup> 44'	

Delta T = 06m05s Julian Calendar 1 Sept. 1353 == Greg. Calendar 9 Sept. 1353

OCTOBER 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♂	♃	♅	♁	♂	♃	♅
T 1	1 10 32	15 <sup>h</sup> 45'25"	18 <sup>h</sup> 12'	23 <sup>h</sup> 03'	3 <sup>h</sup> R20	10 <sup>h</sup> 22'	28 <sup>h</sup> 10'	7 <sup>h</sup> R25	22 <sup>h</sup> R14	21 <sup>h</sup> R27	20 <sup>h</sup> R37	23 <sup>h</sup> Y39	23 <sup>h</sup> Y50	8 <sup>h</sup> 11'	16 <sup>h</sup> R43	
W 2	1 14 29	16 <sup>h</sup> 45'06"	0 <sup>h</sup> 18'	24 <sup>h</sup> 39'	2 <sup>h</sup> 51'	10 <sup>h</sup> 39'	28 <sup>h</sup> 23'	7 <sup>h</sup> II23	22 <sup>h</sup> 12'	21 <sup>h</sup> 26'	20 <sup>h</sup> Y36	23 <sup>h</sup> 39	23 <sup>h</sup> 47	8 <sup>h</sup> 17'	16 <sup>h</sup> II42	
T 3	1 18 25	17 <sup>h</sup> 44'49"	12 <sup>h</sup> 07'	26 <sup>h</sup> 15'	2 <sup>h</sup> 24'	11 <sup>h</sup> 17'	28 <sup>h</sup> 36'	7 <sup>h</sup> 20'	22 <sup>h</sup> 10'	21 <sup>h</sup> 26'	20 <sup>h</sup> 35'	23 <sup>h</sup> 40'	23 <sup>h</sup> 44'	8 <sup>h</sup> 24'	16 <sup>h</sup> 41'	
F 4	1 22 22	18 <sup>h</sup> 44'34"	23 <sup>h</sup> 57'	27 <sup>h</sup> 50'	1 <sup>h</sup> 59'	11 <sup>h</sup> 54'	28 <sup>h</sup> 49'	7 <sup>h</sup> 18'	22 <sup>h</sup> 08'	21 <sup>h</sup> 25'	20 <sup>h</sup> 34'	23 <sup>h</sup> 41'	23 <sup>h</sup> 40'	8 <sup>h</sup> 31'	16 <sup>h</sup> 39'	
S 5	1 26 18	19 <sup>h</sup> 44'20"	5 <sup>h</sup> 50'	29 <sup>h</sup> 25'	1 <sup>h</sup> 36'	12 <sup>h</sup> 31'	29 <sup>h</sup> 02'	7 <sup>h</sup> 16'	22 <sup>h</sup> 06'	21 <sup>h</sup> 24'	20 <sup>h</sup> 33'	23 <sup>h</sup> 41'	23 <sup>h</sup> 37'	8 <sup>h</sup> 38'	16 <sup>h</sup> 38'	
S 6	1 30 15	20 <sup>h</sup> 44'08"	17 <sup>h</sup> 52'	0 <sup>h</sup> 59'	1 <sup>h</sup> 15'	13 <sup>h</sup> 09'	29 <sup>h</sup> 15'	7 <sup>h</sup> 13'	22 <sup>h</sup> 04'	21 <sup>h</sup> 24'	20 <sup>h</sup> 31'	23 <sup>h</sup> R41	23 <sup>h</sup> 34'	8 <sup>h</sup> 44'	16 <sup>h</sup> 37'	
M 7	1 34 12	21 <sup>h</sup> 43'58"	0 <sup>h</sup> 8'	2 <sup>h</sup> 32'	0 <sup>h</sup> 56'	13 <sup>h</sup> 46'	29 <sup>h</sup> 28'	7 <sup>h</sup> 10'	22 <sup>h</sup> 02'	21 <sup>h</sup> 23'	20 <sup>h</sup> 30'	23 <sup>h</sup> 41'	23 <sup>h</sup> 31'	8 <sup>h</sup> 51'	16 <sup>h</sup> 35'	
T 8	1 38 8	22 <sup>h</sup> 43'50"	12 <sup>h</sup> 41'	4 <sup>h</sup> 05'	0 <sup>h</sup> 40'	14 <sup>h</sup> 23'	29 <sup>h</sup> 41'	7 <sup>h</sup> 08'	22 <sup>h</sup> 00'	21 <sup>h</sup> 22'	20 <sup>h</sup> 29'	23 <sup>h</sup> 41'	23 <sup>h</sup> 28'	8 <sup>h</sup> 58'	16 <sup>h</sup> 33'	
W 9	1 42 5	23 <sup>h</sup> 43'44"	25 <sup>h</sup> 35'	5 <sup>h</sup> 37'	0 <sup>h</sup> 27'	15 <sup>h</sup> 00'	29 <sup>h</sup> 55'	7 <sup>h</sup> 05'	21 <sup>h</sup> 58'	21 <sup>h</sup> 22'	20 <sup>h</sup> 28'	23 <sup>h</sup> D41	23 <sup>h</sup> 25'	9 <sup>h</sup> 04'	16 <sup>h</sup> 32'	
T 10	1 46 1	24 <sup>h</sup> 43'39"	8 <sup>h</sup> 54'	7 <sup>h</sup> 09'	0 <sup>h</sup> 15'	15 <sup>h</sup> 38'	0 <sup>h</sup> 18'	7 <sup>h</sup> 02'	21 <sup>h</sup> 56'	21 <sup>h</sup> 21'	20 <sup>h</sup> 27'	23 <sup>h</sup> 41'	23 <sup>h</sup> 21'	9 <sup>h</sup> 11'	16 <sup>h</sup> 30'	
F 11	1 49 58	25 <sup>h</sup> 43'35"	22 <sup>h</sup> 39'	8 <sup>h</sup> 41'	0 <sup>h</sup> 06'	16 <sup>h</sup> 15'	0 <sup>h</sup> 21'	6 <sup>h</sup> 59'	21 <sup>h</sup> 54'	21 <sup>h</sup> 21'	20 <sup>h</sup> 26'	23 <sup>h</sup> 41'	23 <sup>h</sup> 18'	9 <sup>h</sup> 18'	16 <sup>h</sup> 28'	
S 12	1 53 54	26 <sup>h</sup> 43'34"	6 <sup>h</sup> Y48	10 <sup>h</sup> 11'	0 <sup>h</sup> 00'	16 <sup>h</sup> 52'	0 <sup>h</sup> 34'	6 <sup>h</sup> 56'	21 <sup>h</sup> 51'	21 <sup>h</sup> 20'	20 <sup>h</sup> 25'	23 <sup>h</sup> 41'	23 <sup>h</sup> 15'	9 <sup>h</sup> 24'	16 <sup>h</sup> 26'	
S 13	1 57 51	27 <sup>h</sup> 43'34"	21 <sup>h</sup> 19'	11 <sup>h</sup> 42'	29 <sup>h</sup> 56'	17 <sup>h</sup> 29'	0 <sup>h</sup> 47'	6 <sup>h</sup> 53'	21 <sup>h</sup> 49'	21 <sup>h</sup> 20'	20 <sup>h</sup> 23'	23 <sup>h</sup> R41	23 <sup>h</sup> 12'	9 <sup>h</sup> 31'	16 <sup>h</sup> 24'	
M14	2 1 47	28 <sup>h</sup> 43'36"	6 <sup>h</sup> 8'	13 <sup>h</sup> 12'	29 <sup>h</sup> D55	18 <sup>h</sup> 06'	1 <sup>h</sup> 00'	6 <sup>h</sup> 49'	21 <sup>h</sup> 47'	21 <sup>h</sup> 19'	20 <sup>h</sup> 22'	23 <sup>h</sup> 41'	23 <sup>h</sup> 09'	9 <sup>h</sup> 38'	16 <sup>h</sup> 22'	
T 15	2 5 44	29 <sup>h</sup> 43'41"	21 <sup>h</sup> 02'	14 <sup>h</sup> 41'	29 <sup>h</sup> 56'	18 <sup>h</sup> 43'	1 <sup>h</sup> 14'	6 <sup>h</sup> 46'	21 <sup>h</sup> 45'	21 <sup>h</sup> 19'	20 <sup>h</sup> 21'	23 <sup>h</sup> 41'	23 <sup>h</sup> 05'	9 <sup>h</sup> 44'	16 <sup>h</sup> 20'	
W16	2 9 41	0 <sup>h</sup> 43'47"	5 <sup>h</sup> II58	16 <sup>h</sup> 10'	29 <sup>h</sup> 59'	19 <sup>h</sup> 20'	1 <sup>h</sup> 27'	6 <sup>h</sup> 43'	21 <sup>h</sup> 42'	21 <sup>h</sup> 19'	20 <sup>h</sup> 20'	23 <sup>h</sup> 40'	23 <sup>h</sup> 02'	9 <sup>h</sup> 51'	16 <sup>h</sup> 18'	
T 17	2 13 37	1 <sup>h</sup> 43'55"	20 <sup>h</sup> 47'	17 <sup>h</sup> 38'	0 <sup>h</sup> 5'	19 <sup>h</sup> 58'	1 <sup>h</sup> 40'	6 <sup>h</sup> 39'	21 <sup>h</sup> 40'	21 <sup>h</sup> 18'	20 <sup>h</sup> 19'	23 <sup>h</sup> 39'	22 <sup>h</sup> 59'	9 <sup>h</sup> 58'	16 <sup>h</sup> 16'	
F 18	2 17 34	2 <sup>h</sup> 44'06"	5 <sup>h</sup> 23'	19 <sup>h</sup> 06'	0 <sup>h</sup> 13											

SWISS EPHEMERIS for the year 1353

NOVEMBER 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	3 12 45	16♌49'57	2♋23	8♌12	5♌35	29♍12	4♌57	5°R38	21°R 4	21♌18	20°R 3	23°R28	22♍11	11♌38	15°R36
S 2	3 16 42	17°50'34	14°17	9°24	6°10	29°48	5°11	5II33	21♌ 1	21°18	20♍ 2	23♍24	22° 8	11♌45	15II33
S 3	3 20 39	18°51'13	26°18	10°34	6°47	0♌25	5°24	5°28	20°59	21°18	20° 1	23°21	22° 5	11°51	15°29
M 4	3 24 35	19°51'53	8♌30	11°41	7°25	1° 2	5°37	5°24	20°56	21°19	20° 0	23°19	22° 2	11°58	15°26
T 5	3 28 32	20°52'34	20°58	12°45	8° 5	1°38	5°50	5°19	20°54	21°19	19°59	23°D18	21°59	12° 5	15°23
W 6	3 32 28	21°53'16	3♌45	13°46	8°45	2°15	6° 3	5°14	20°51	21°20	19°58	23°19	21°56	12°12	15°20
T 7	3 36 25	22°53'59	16°55	14°43	9°27	2°52	6°16	5°10	20°48	21°20	19°57	23°20	21°52	12°18	15°16
F 8	3 40 21	23°54'43	0♍33	15°35	10°10	3°28	6°28	5° 5	20°46	21°20	19°56	23°22	21°49	12°25	15°13
S 9	3 44 18	24°55'28	14°38	16°23	10°54	4° 5	6°41	5° 0	20°43	21°21	19°55	23°23	21°46	12°32	15°10
S 10	3 48 14	25°56'15	29°10	17° 5	11°39	4°41	6°54	4°55	20°41	21°21	19°54	23°R23	21°43	12°38	15° 6
M11	3 52 11	26°57'02	14♌ 5	17°41	12°25	5°18	7° 7	4°50	20°38	21°22	19°54	23°22	21°40	12°45	15° 3
T 12	3 56 8	27°57'51	29°15	18°10	13°12	5°54	7°20	4°45	20°36	21°23	19°53	23°19	21°36	12°52	14°59
W13	4 0 4	28°58'41	14II32	18°31	14° 0	6°31	7°33	4°40	20°33	21°23	19°52	23°14	21°33	12°58	14°56
T 14	4 4 1	29°59'33	29°43	18°43	14°49	7° 7	7°45	4°35	20°31	21°24	19°51	23° 9	21°30	13° 5	14°52
F 15	4 7 57	1♌ 0'25	14♌41	18°R46	15°38	7°44	7°58	4°30	20°29	21°24	19°50	23° 3	21°27	13°12	14°48
S 16	4 11 54	2° 1'19	29°15	18°38	16°29	8°20	8°11	4°25	20°26	21°25	19°49	22°58	21°24	13°18	14°45
S 17	4 15 50	3° 2'15	13♌23	18°20	17°20	8°56	8°23	4°21	20°24	21°26	19°49	22°55	21°21	13°25	14°41
M18	4 19 47	4° 3'11	27° 3	17°50	18°12	9°33	8°36	4°16	20°21	21°27	19°48	22°53	21°17	13°32	14°38
T 19	4 23 43	5° 4'09	10♍17	17°10	19° 5	10° 9	8°49	4°11	20°19	21°28	19°47	22°D53	21°14	13°39	14°34
W20	4 27 40	6° 5'08	23° 7	16°18	19°59	10°45	9° 1	4° 6	20°16	21°28	19°46	22°54	21°11	13°45	14°30
T 21	4 31 37	7° 6'08	5♌38	15°16	20°53	11°22	9°13	4° 1	20°14	21°29	19°46	22°55	21° 8	13°52	14°26
F 22	4 35 33	8° 7'10	17°54	14° 6	21°48	11°58	9°26	3°56	20°12	21°30	19°45	22°R56	21° 5	13°59	14°23
S 23	4 39 30	9° 8'12	29°59	12°49	22°43	12°34	9°38	3°51	20° 9	21°31	19°44	22°56	21° 2	14° 5	14°19
S 24	4 43 26	10° 9'16	11♌56	11°27	23°40	13°10	9°51	3°46	20° 7	21°32	19°43	22°54	20°58	14°12	14°15
M25	4 47 23	11°10'20	23°48	10° 4	24°36	13°46	10° 3	3°41	20° 5	21°33	19°43	22°50	20°55	14°19	14°12
T 26	4 51 19	12°11'26	5♌39	8°42	25°34	14°22	10°15	3°36	20° 2	21°34	19°42	22°43	20°52	14°25	14° 8
W27	4 55 16	13°12'32	17°29	7°25	26°31	14°58	10°27	3°31	20° 0	21°35	19°41	22°34	20°49	14°32	14° 4
T 28	4 59 12	14°13'39	29°20	6°13	27°30	15°34	10°39	3°26	19°58	21°36	19°41	22°23	20°46	14°39	14° 0
F 29	5 3 9	15°14'46	11♌15	5°10	28°29	16°10	10°51	3°22	19°56	21°38	19°40	22°12	20°42	14°46	13°56
S 30	5 7 6	16♌15'54	23♌13	4♌16	29♌28	16♌46	11♌ 3	3II17	19♌53	21♌39	19♍40	22♍ 2	20♍39	14♌52	13II53

Delta T = 06m05s Julian Calendar 1 Nov. 1353 == Greg. Calendar 9 Nov. 1353

DECEMBER 1353 JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	5 11 2	17♌17'03	5♌18	3°R34	0♌28	17♌22	11♌15	3°R12	19°R51	21♌40	19°R39	21°R53	20♍36	14♌59	13°R49
M 2	5 14 59	18°18'11	17°32	3♌ 2	1°28	17°58	11°27	3II 7	19♌49	21°41	19♍39	21♍46	20°33	15° 6	13II45
T 3	5 18 55	19°19'20	29°59	2°41	2°29	18°34	11°39	3° 3	19°47	21°42	19°38	21°41	20°30	15°12	13°41
W 4	5 22 52	20°20'29	12♌41	2°30	3°30	19°10	11°51	2°58	19°45	21°44	19°38	21°39	20°27	15°19	13°38
T 5	5 26 48	21°21'39	25°43	2°D30	4°31	19°45	12° 2	2°53	19°43	21°45	19°37	21°D39	20°23	15°26	13°34
F 6	5 30 45	22°22'48	9♍ 8	2°39	5°33	20°21	12°14	2°49	19°41	21°46	19°37	21°40	20°20	15°32	13°30
S 7	5 34 41	23°23'57	23° 0	2°57	6°35	20°57	12°25	2°44	19°39	21°48	19°36	21°R40	20°17	15°39	13°27
S 8	5 38 38	24°25'07	7♌19	3°22	7°38	21°32	12°37	2°40	19°37	21°49	19°36	21°39	20°14	15°46	13°23
M 9	5 42 35	25°26'16	22° 4	3°54	8°41	22° 8	12°48	2°36	19°35	21°51	19°36	21°36	20°11	15°53	13°19
T 10	5 46 31	26°27'26	7II 9	4°33	9°44	22°43	12°59	2°31	19°33	21°52	19°35	21°30	20° 8	15°59	13°15
W11	5 50 28	27°28'36	22°27	5°17	10°48	23°19	13°11	2°27	19°31	21°54	19°35	21°21	20° 4	16° 6	13°12
T 12	5 54 24	28°29'46	7♌47	6° 7	11°52	23°54	13°22	2°23	19°29	21°55	19°35	21°11	20° 1	16°13	13° 8
F 13	5 58 21	29°30'56	22°56	7° 1	12°56	24°30	13°33	2°19	19°28	21°57	19°34	21° 0	19°58	16°19	13° 5
S 14	6 2 17	0♋32'06	7♌45	7°58	14° 1	25° 5	13°44	2°15	19°26	21°58	19°34	20°51	19°55	16°26	13° 1
S 15	6 6 14	1°33'17	22° 7	9° 0	15° 5	25°40	13°55	2°11	19°24	22° 0	19°34	20°43	19°52	16°33	12°58
M16	6 10 11	2°34'28	5♍58	10° 4	16°11	26°15	14° 6	2° 7	19°23	22° 1	19°33	20°37	19°48	16°39	12°54
T 17	6 14 7	3°35'38	19°19	11°11	17°16	26°51	14°16	2° 3	19°21	22° 3	19°33	20°34	19°45	16°46	12°51
W18	6 18 4	4°36'50	2♌12	12°21	18°22	27°26	14°27	1°59	19°19	22° 5	19°33	20°D34	19°42	16°53	12°47
T 19	6 22 0	5°38'01	14°43	13°32	19°28	28° 1	14°38	1°55	19°18	22° 6	19°33	20°R34	19°39	17° 0	12°44
F 20	6 25 57	6°39'12	26°56	14°46	20°34	28°36	14°48	1°52	19°16	22° 8	19°33	20°34	19°36	17° 6	12°40
S 21	6 29 53	7°40'24	8♌56	16° 1	21°40	29°11	14°58	1°48	19°15	22°10	19°33	20°32	19°33	17°13	12°37
S 22	6 33 50	8°41'35	20°48	17°18	22°47	29°46	15° 9	1°45	19°14	22°12	19°33	20°28	19°29	17°20	12°34
M23	6 37 46	9°42'47	2♌37	18°37	23°54	0♌21	15°19	1°41	19°12	22°13	19°32	20°22	19°26	17°26	12°31
T 24	6 41 43	10°43'58	14°26	19°57	25° 1	0°56	15°29	1°38	19°11	22°15	19°32	20°12	19°23	17°33	12°27
W25	6 45 40	11°45'09	26°17	21°17	26° 8	1°30	15°39	1°35	19°10	22°17	19°32	20° 0	19°20	17°40	12°24
T 26	6 49 36	12°46'20	8♌13	22°39	27°16	2° 5	15°49	1°32	19° 8	22°19	19°D32	19°45	19°17	17°46	12°21
F 27	6 53 33	13°47'31	20°15	24° 2	28°23	2°40	15°59	1°29	19° 7	22°21	19°32	19°30	19°14	17°53	12°18
S 28	6 57 29	14°48'41	2♌23	25°26	29°31	3°14	16° 8	1°26	19° 6	22°23	19°32	19°15	19°10	18° 0	12°15
S 29	7 1 26	15°49'50	14°39	26°51	0♌39	3°49	16°18	1°23	19° 5	22°24	19°32	19° 2	19° 7	18° 7	12°12
M30	7 5 22	16°50'59	27° 3	28°17	1°48	4°23	16°27	1°20	19° 4	22°26	19°33	18°52	19° 4	18°13	12° 9
T 31	7 9 19	17♌52'07	9♌37	29♌43	2♌56	4♌58	16♌37	1II18	19♌ 3	22♌28	19♍33	18♍45	19♍ 1	18♌20	12II 6

Delta T = 06m05s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]