

SWISS EPHEMERIS for the year 952

JANUARY 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	6 59 2	15°27'19	27°34'2	21°27'39	16°28'8	6°35'5	15°27'25	19°19'7	7°R32	12°R44	22°R20	25°R54	24°M22	10°E15	6°R22
F 2	7 2 58	16°28'25	12°33'51	22°24'9	17°22'22	6°51'15	15°37'37	19°9'9	7°R30	12°M43	22°E18	25°M46	24°18	10°22	6°B22
S 3	7 6 55	17°29'30	27°41	24°1	18°36	7°38	15°50	19°12	7°27	12°42	22°17	25°38	24°15	10°29	6°21
S 4	7 10 51	18°30'34	12°K5	25°14	19°50	8°24	16°3	19°14	7°25	12°42	22°15	25°31	24°12	10°35	6°21
M 5	7 14 48	19°31'37	26°0	26°29	21°4	9°11	16°15	19°16	7°22	12°41	22°14	25°26	24°9	10°42	6°20
T 6	7 18 45	20°32'38	9°V25	27°46	22°18	9°57	16°28	19°17	7°20	12°40	22°13	25°24	24°6	10°49	6°20
W 7	7 22 41	21°33'39	22°22	29°4	23°31	10°44	16°40	19°19	7°17	12°39	22°11	25°D23	24°2	10°55	6°20
T 8	7 26 38	22°34'38	4°B57	0°Z24	24°45	11°31	16°53	19°21	7°15	12°38	22°10	25°24	23°59	11°2	6°20
F 9	7 30 34	23°35'36	17°13	1°45	25°59	12°17	17°5	19°22	7°12	12°37	22°9	25°25	23°56	11°9	6°20
S 10	7 34 31	24°36'32	29°16	3°6	27°12	13°4	17°17	19°24	7°10	12°36	22°7	25°R25	23°53	11°16	6°D20
S 11	7 38 27	25°37'28	11°II10	4°29	28°26	13°50	17°30	19°25	7°7	12°35	22°6	25°23	23°50	11°22	6°20
M12	7 42 24	26°38'22	23°0	5°53	29°39	14°37	17°42	19°27	7°5	12°34	22°4	25°19	23°47	11°29	6°20
T 13	7 46 20	27°39'14	4°E49	7°18	0°K53	15°24	17°54	19°28	7°2	12°33	22°3	25°13	23°43	11°36	6°20
W14	7 50 17	28°40'06	16°39	8°44	2°6	16°10	18°6	19°29	7°0	12°32	22°2	25°3	23°40	11°42	6°20
T 15	7 54 14	29°40'56	28°32	10°11	3°19	16°57	18°18	19°30	6°57	12°31	22°0	24°52	23°37	11°49	6°20
F 16	7 58 10	0°41'45	10°J31	11°39	4°32	17°44	18°29	19°30	6°54	12°30	21°59	24°39	23°34	11°56	6°20
S 17	8 2 7	1°42'32	22°35	13°7	5°46	18°31	18°41	19°31	6°52	12°29	21°58	24°26	23°31	12°2	6°21
S 18	8 6 3	2°43'19	4°M47	14°37	6°59	19°18	18°53	19°32	6°49	12°28	21°56	24°14	23°28	12°9	6°21
M19	8 10 0	3°44'04	17°7	16°7	8°12	20°4	19°5	19°32	6°47	12°26	21°55	24°3	23°24	12°16	6°22
T 20	8 13 56	4°44'48	29°38	17°38	9°25	20°51	19°16	19°33	6°44	12°25	21°54	23°56	23°21	12°22	6°22
W21	8 17 53	5°45'31	12°A21	19°10	10°37	21°38	19°28	19°33	6°41	12°24	21°52	23°51	23°18	12°29	6°23
T 22	8 21 49	6°46'12	25°20	20°43	11°50	22°25	19°39	19°33	6°39	12°23	21°51	23°48	23°15	12°36	6°24
F 23	8 25 46	7°46'53	8°M37	22°17	13°3	23°12	19°50	19°R33	6°36	12°21	21°50	23°D48	23°12	12°43	6°25
S 24	8 29 43	8°47'32	22°16	23°51	14°16	23°59	20°2	19°33	6°33	12°20	21°48	23°R48	23°8	12°49	6°25
S 25	8 33 39	9°48'10	6°A18	25°27	15°28	24°46	20°13	19°33	6°31	12°19	21°47	23°47	23°5	12°56	6°26
M26	8 37 36	10°48'47	20°44	27°3	16°41	25°33	20°24	19°33	6°28	12°17	21°46	23°45	23°2	13°3	6°27
T 27	8 41 32	11°49'23	5°B31	28°40	17°53	26°20	20°35	19°33	6°26	12°16	21°44	23°40	22°59	13°9	6°28
W28	8 45 29	12°49'57	20°33	0°A18	19°6	27°7	20°46	19°32	6°23	12°15	21°43	23°32	22°56	13°16	6°29
T 29	8 49 25	13°50'30	5°A43	1°57	20°18	27°54	20°56	19°32	6°20	12°13	21°42	23°22	22°53	13°23	6°30
F 30	8 53 22	14°51'01	20°49	3°37	21°30	28°41	21°7	19°31	6°18	12°12	21°41	23°11	22°49	13°29	6°32
S 31	8 57 18	15°51'31	5°K42	5°A18	22°K43	29°Z28	21°A18	19°A30	6°15	12°M10	21°E39	22°M59	22°M46	13°E36	6°B33

Delta T = 31m03s Julian Calendar 1 Jan. 952 == Greg. Calendar 6 Jan. 952

FEBRUARY 952 C.E.JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	9 1 15	16°51'58	20°K13	6°A59	23°K55	0°A15	21°A28	19°R30	6°R13	12°R9	21°R38	22°R48	22°M43	13°E43	6°B34
M 2	9 5 12	17°52'24	4°V15	8°42	25°7	1°2	21°39	19°A29	6°R10	12°M7	21°E37	22°M40	22°40	13°49	6°36
T 3	9 9 8	18°52'48	17°48	10°26	26°19	1°49	21°49	19°28	6°7	12°6	21°36	22°35	22°37	13°56	6°37
W 4	9 13 5	19°53'10	0°B52	12°10	27°30	2°36	21°59	19°27	6°5	12°4	21°35	22°32	22°34	14°3	6°39
T 5	9 17 1	20°53'29	13°31	13°56	28°42	3°23	22°9	19°25	6°2	12°3	21°33	22°31	22°30	14°10	6°40
F 6	9 20 58	21°53'47	25°50	15°42	29°54	4°10	22°19	19°24	6°0	12°1	21°32	22°31	22°27	14°16	6°42
S 7	9 24 54	22°54'03	7°II53	17°30	1°V5	4°57	22°29	19°22	5°57	12°0	21°31	22°31	22°24	14°23	6°43
S 8	9 28 51	23°54'16	19°46	19°18	2°17	5°44	22°39	19°21	5°55	11°58	21°30	22°29	22°21	14°30	6°45
M 9	9 32 47	24°54'28	1°E35	21°8	3°28	6°31	22°48	19°19	5°53	11°57	21°29	22°25	22°18	14°36	6°47
T 10	9 36 44	25°54'37	13°24	22°59	4°39	7°18	22°58	19°18	5°50	11°55	21°28	22°17	22°14	14°43	6°49
W11	9 40 41	26°54'45	25°16	24°50	5°50	8°5	23°7	19°16	5°48	11°54	21°27	22°7	22°11	14°50	6°51
T 12	9 44 37	27°54'50	7°R14	26°43	7°1	8°52	23°17	19°14	5°45	11°52	21°26	21°55	22°8	14°56	6°53
F 13	9 48 34	28°54'53	19°21	28°36	8°12	9°40	23°26	19°12	5°43	11°50	21°25	21°41	22°5	15°3	6°55
S 14	9 52 30	29°54'54	1°M37	0°K31	9°23	10°27	23°35	19°10	5°41	11°49	21°23	21°27	22°2	15°10	6°57
S 15	9 56 27	0°K54'54	14°2	2°26	10°33	11°14	23°44	19°8	5°38	11°47	21°22	21°13	21°59	15°16	6°59
M16	10 0 23	1°54'51	26°38	4°22	11°44	12°1	23°53	19°5	5°36	11°46	21°21	21°2	21°55	15°23	7°1
T 17	10 4 20	2°54'46	9°A24	6°19	12°54	12°48	24°1	19°3	5°34	11°44	21°20	20°53	21°52	15°30	7°3
W18	10 8 16	3°54'40	22°21	8°16	14°5	13°35	24°10	19°0	5°32	11°42	21°19	20°48	21°49	15°37	7°6
T 19	10 12 13	4°54'32	5°M30	10°14	15°15	14°22	24°18	18°58	5°29	11°41	21°19	20°45	21°46	15°43	7°8
F 20	10 16 10	5°54'22	18°52	12°12	16°25	15°9	24°27	18°55	5°27	11°39	21°18	20°D44	21°43	15°50	7°10
S 21	10 20 6	6°54'11	2°A30	14°11	17°35	15°56	24°35	18°52	5°25	11°37	21°17	20°R44	21°40	15°57	7°13
S 22	10 24 3	7°53'58	16°24	16°9	18°44	16°43	24°43	18°50	5°23	11°36	21°16	20°44	21°36	16°3	7°15
M23	10 27 59	8°53'43	0°B35	18°7	19°54	17°30	24°51	18°47	5°21	11°34	21°15	20°42	21°33	16°10	7°18
T 24	10 31 56	9°53'27	15°2	20°4	21°3	18°18	24°59	18°44	5°19	11°32	21°14	20°38	21°30	16°17	7°20
W25	10 35 52	10°53'08	29°41	22°0	22°13	19°5	25°6	18°41	5°17	11°31	21°13	20°31	21°27	16°23	7°23
T 26	10 39 49	11°52'48	14°A28	23°54	23°22	19°52	25°14	18°38	5°15	11°29	21°12	20°22	21°24	16°30	7°26
F 27	10 43 45	12°52'26	29°13	25°47	24°31	20°39	25°21	18°34	5°13	11°27	21°12	20°12	21°20	16°37	7°28
S 28	10 47 42	13°52'02	13°K50	27°38	25°40	21°26	25°29	18°31	5°11	11°26	21°11	20°1	21°17	16°44	7°31
S 29	10 51 39	14°51'35	28°K11	29°K27	26°V49	22°A13	25°A36	18°A28	5°R9	11°M24	21°E10	19°M52	21°M14	16°E50	7°B34

Delta T = 31m03s Julian Calendar created from Swiss Ephemeris, Copyright Astrodienst AG [10.1.2003]

SWISS EPHEMERIS for the year 952

MARCH 952 C.E.JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
M 1	10 55 35	15X51'07	12Y 9	1Y12	27Y57	23∞ 0	25A43	18°R24	5°R 7	11°R22	21°R10	19°R44	21M11	16∞57	7B37	
T 2	10 59 32	16°50'36	25°41	2°53	29° 6	23°47	25°49	18∞21	5Ω 6	11M21	21∞ 9	19M39	21° 8	17° 4	7°40	
W 3	11 3 28	17°50'03	8B48	4°31	0B14	24°34	25°56	18°17	5° 4	11°19	21° 8	19°37	21° 5	17°10	7°43	
T 4	11 7 25	18°49'28	21°30	6° 5	1°22	25°21	26° 2	18°14	5° 2	11°17	21° 8	19°D36	21° 1	17°17	7°46	
F 5	11 11 21	19°48'50	3II53	7°33	2°30	26° 8	26° 9	18°10	5° 1	11°16	21° 7	19°37	20°58	17°24	7°49	
S 6	11 15 18	20°48'10	15°59	8°57	3°38	26°55	26°15	18° 6	4°59	11°14	21° 6	19°R38	20°55	17°30	7°52	
S 7	11 19 14	21°47'28	27°55	10°14	4°45	27°42	26°21	18° 3	4°57	11°12	21° 6	19°37	20°52	17°37	7°55	
M 8	11 23 11	22°46'43	9∞46	11°27	5°52	28°29	26°27	17°59	4°56	11°11	21° 5	19°36	20°49	17°44	7°58	
T 9	11 27 8	23°45'56	21°37	12°33	7° 0	29°15	26°33	17°55	4°54	11° 9	21° 5	19°32	20°45	17°51	8° 1	
W10	11 31 4	24°45'07	3Ω32	13°32	8° 6	0X 2	26°38	17°51	4°53	11° 8	21° 4	19°26	20°42	17°57	8° 5	
T 11	11 35 1	25°44'15	15°35	14°25	9°13	0°49	26°44	17°47	4°52	11° 6	21° 4	19°18	20°39	18° 4	8° 8	
F 12	11 38 57	26°43'21	27°49	15°12	10°20	1°36	26°49	17°43	4°50	11° 4	21° 3	19° 8	20°36	18°11	8°11	
S 13	11 42 54	27°42'25	10M15	15°51	11°26	2°23	26°54	17°39	4°49	11° 3	21° 3	18°59	20°33	18°17	8°15	
S 14	11 46 50	28°41'27	22°55	16°23	12°32	3°10	26°59	17°34	4°48	11° 1	21° 2	18°49	20°30	18°24	8°18	
M15	11 50 47	29°40'26	5∞49	16°49	13°38	3°56	27° 4	17°30	4°47	11° 0	21° 2	18°42	20°26	18°31	8°21	
T 16	11 54 43	0Y39'24	18°56	17° 7	14°44	4°43	27° 8	17°26	4°45	10°58	21° 2	18°36	20°23	18°37	8°25	
W17	11 58 40	1°38'19	2M15	17°19	15°49	5°30	27°13	17°22	4°44	10°57	21° 1	18°33	20°20	18°44	8°28	
T 18	12 2 36	2°37'13	15°45	17°R24	16°54	6°17	27°17	17°17	4°43	10°55	21° 1	18°D31	20°17	18°51	8°32	
F 19	12 6 33	3°36'04	29°25	17°22	17°59	7° 3	27°21	17°13	4°42	10°54	21° 1	18°32	20°14	18°58	8°35	
S 20	12 10 30	4°34'54	13A14	17°14	19° 4	7°50	27°25	17° 9	4°41	10°52	21° 1	18°33	20°11	19° 4	8°39	
S 21	12 14 26	5°33'43	27°13	16°59	20° 8	8°37	27°28	17° 4	4°40	10°51	21° 0	18°34	20° 7	19°11	8°43	
M22	12 18 23	6°32'29	11B21	16°39	21°12	9°23	27°32	17° 0	4°40	10°49	21° 0	18°R34	20° 4	19°18	8°46	
T 23	12 22 19	7°31'14	25°35	16°14	22°16	10°10	27°35	16°55	4°39	10°48	21° 0	18°33	20° 1	19°24	8°50	
W24	12 26 16	8°29'57	9∞54	15°44	23°20	10°57	27°39	16°51	4°38	10°46	21° 0	18°30	19°58	19°31	8°54	
T 25	12 30 12	9°28'38	24°15	15°10	24°23	11°43	27°42	16°46	4°37	10°45	21° 0	18°25	19°55	19°38	8°57	
F 26	12 34 9	10°27'18	8X33	14°33	25°26	12°30	27°44	16°42	4°37	10°43	21° 0	18°19	19°51	19°44	9° 1	
S 27	12 38 5	11°25'55	22°42	13°53	26°28	13°16	27°47	16°37	4°36	10°42	21° 0	18°13	19°48	19°51	9° 5	
S 28	12 42 2	12°24'31	6Y39	13°12	27°31	14° 3	27°50	16°33	4°36	10°41	20°59	18° 8	19°45	19°58	9° 9	
M29	12 45 59	13°23'05	20°19	12°29	28°33	14°49	27°52	16°28	4°35	10°39	20°D59	18° 4	19°42	20° 5	9°12	
T 30	12 49 55	14°21'37	3B39	11°47	29°35	15°35	27°54	16°24	4°35	10°38	20°59	18° 1	19°39	20°11	9°16	
W31	12 53 52	15Y20'06	16B39	11Y 4	0II36	16X22	27A56	16∞19	4Ω34	10M37	21∞ 0	18°D 0	19M36	20∞18	9B20	

Delta T = 31m02s Julian Calendar 1 March 952 == Greg. Calendar 6 March 952

APRIL 952 C.E.JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
T 1	12 57 48	16Y18'34	29B19	10°R24	1II37	17X 8	27A58	16°R15	4°R34	10°R35	21∞ 0	18M 1	19M32	20∞25	9B24	
F 2	13 1 45	17°17'00	11II41	9Y45	2°38	17°54	27°59	16∞10	4Ω34	10M34	21° 0	18° 2	19°29	20°31	9°28	
S 3	13 5 41	18°15'23	23°49	9° 9	3°38	18°41	28° 0	16° 5	4°34	10°33	21° 0	18° 4	19°26	20°38	9°32	
S 4	13 9 38	19°13'45	5∞48	8°36	4°38	19°27	28° 2	16° 1	4°33	10°32	21° 0	18° 6	19°23	20°45	9°36	
M 5	13 13 34	20°12'04	17°40	8° 6	5°37	20°13	28° 3	15°56	4°33	10°30	21° 0	18°R 6	19°20	20°51	9°40	
T 6	13 17 31	21°10'21	29°33	7°41	6°37	20°59	28° 3	15°52	4°33	10°29	21° 0	18° 6	19°16	20°58	9°44	
W 7	13 21 28	22° 8'36	11Ω29	7°20	7°35	21°45	28° 4	15°47	4°D33	10°28	21° 1	18° 5	19°13	21° 5	9°48	
T 8	13 25 24	23° 6'49	23°35	7° 3	8°33	22°31	28° 4	15°43	4°33	10°27	21° 1	18° 2	19°10	21°12	9°52	
F 9	13 29 21	24° 5'00	5M53	6°52	9°31	23°17	28° 5	15°38	4°33	10°26	21° 1	17°59	19° 7	21°18	9°56	
S 10	13 33 17	25° 3'09	18°27	6°45	10°28	24° 3	28°R 5	15°34	4°34	10°25	21° 1	17°55	19° 4	21°25	10° 0	
S 11	13 37 14	26° 1'16	1∞18	6°D42	11°25	24°49	28° 5	15°29	4°34	10°24	21° 2	17°52	19° 1	21°32	10° 4	
M12	13 41 10	26°59'21	14°27	6°45	12°22	25°35	28° 4	15°25	4°34	10°23	21° 2	17°49	18°57	21°38	10° 8	
T 13	13 45 7	27°57'24	27°54	6°52	13°17	26°21	28° 4	15°21	4°34	10°22	21° 2	17°47	18°54	21°45	10°12	
W14	13 49 3	28°55'26	11M36	7° 5	14°13	27° 7	28° 3	15°16	4°35	10°21	21° 3	17°D46	18°51	21°52	10°16	
T 15	13 53 0	29°53'26	25°32	7°21	15° 7	27°53	28° 2	15°12	4°35	10°20	21° 3	17°46	18°48	21°59	10°20	
F 16	13 56 56	0B51'25	9A39	7°43	16° 1	28°38	28° 1	15° 8	4°36	10°19	21° 4	17°47	18°45	22° 5	10°24	
S 17	14 0 53	1°49'22	23°51	8° 8	16°55	29°24	28° 0	15° 3	4°36	10°18	21° 4	17°48	18°42	22°12	10°29	
S 18	14 4 50	2°47'17	8B 7	8°38	17°48	0Y10	27°58	14°59	4°37	10°17	21° 5	17°49	18°38	22°19	10°33	
M19	14 8 46	3°45'12	22°24	9°12	18°40	0°56	27°57	14°55	4°37	10°16	21° 5	17°50	18°35	22°25	10°37	
T 20	14 12 43	4°43'05	6∞37	9°50	19°32	1°41	27°55	14°51	4°38	10°15	21° 6	17°R50	18°32	22°32	10°41	
W21	14 16 39	5°40'57	20°46	10°31	20°22	2°27	27°53	14°47	4°39	10°15	21° 6	17°50	18°29	22°39	10°45	
T 22	14 20 36	6°38'47	4X48	11°17	21°13	3°12	27°51	14°42	4°40	10°14	21° 7	17°49	18°26	22°46	10°49	
F 23	14 24 32	7°36'37	18°41	12° 6	22° 2	3°58	27°48	14°38	4°40	10°13	21° 8	17°48	18°22	22°52	10°53	
S 24	14 28 29	8°34'25	2Y23	12°58	22°51	4°43	27°46	14°34	4°41	10°12	21° 8	17°46	18°19	22°59	10°58	
S 25	14 32 25	9°32'11	15°52	13°54	23°39	5°28	27°43	14°31	4°42	10°12	21° 9	17°45	18°16	23° 6	11° 2	
M26	14 36 22	10°29'57	29° 8	14°52	24°26	6°14	27°40	14°27	4°43	10°11	21°10	17°45	18°13	23°12	11° 6	
T 27	14 40 19	11°27'41	12B 8	15°54	25°12	6°59	27°37	14°23	4°44	10°10	21°10	17°D44	18°10	23°19	11°10	
W28	14 44 15	12°25'24	24°53	16°59	25°58	7°44	27°34	14°19	4°45	10°10	21°11	17°44	18° 7	23°26	11°14	
T 29	14 48 12	13°23'05	7II23	18° 7	26°43	8°29	27°30	14°15	4°47	10° 9	21°12	17°45	18° 3	23°32	11°18	
F 30	14 52 8	14B20'45	19II40	19Y17	27II26	9Y14	27A27	14∞12	4Ω48	10M9	21∞13	17M45	18M 0	23∞39	11B23	

Delta T = 31m02s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 952

MAY 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	14 56 5	15♁18'24	1♁46	20♁30	28♁ 9	10♁ 0	27°R23	14°R 8	4♁49	10°R 8	21♁14	17♁45	17♁57	23♁46	11♁27
S 2	15 0 1	16°16'01	13°43	21°46	28°50	10°45	27♁19	14♁ 5	4°50	10♁ 8	21°14	17°46	17°54	23°53	11°31
M 3	15 3 58	17°13'36	25°36	23° 5	29°31	11°29	27°15	14° 1	4°52	10° 7	21°15	17°46	17°51	23°59	11°35
T 4	15 7 54	18°11'10	7♁29	24°26	0♁11	12°14	27°10	13°58	4°53	10° 7	21°16	17°R46	17°48	24° 6	11°39
W 5	15 11 51	19° 8'43	19°25	25°50	0°49	12°59	27° 6	13°55	4°55	10° 6	21°17	17°D46	17°44	24°13	11°43
T 6	15 15 48	20° 6'14	1♁30	27°16	1°26	13°44	27° 1	13°51	4°56	10° 6	21°18	17°46	17°41	24°19	11°48
F 7	15 19 44	21° 3'43	13°48	28°45	2° 2	14°29	26°57	13°48	4°58	10° 6	21°19	17°46	17°38	24°26	11°52
S 8	15 23 41	22° 1'11	26°23	0♁17	2°37	15°13	26°52	13°45	4°59	10° 6	21°20	17°46	17°35	24°33	11°56
S 9	15 27 37	22°58'38	9♁18	1°50	3°10	15°58	26°47	13°42	5° 1	10° 5	21°21	17°47	17°32	24°40	12° 0
M10	15 31 34	23°56'04	22°36	3°27	3°42	16°43	26°41	13°39	5° 3	10° 5	21°22	17°47	17°28	24°46	12° 4
T 11	15 35 30	24°53'28	6♁16	5° 6	4°12	17°27	26°36	13°36	5° 4	10° 5	21°23	17°48	17°25	24°53	12° 8
W12	15 39 27	25°50'52	20°18	6°47	4°41	18°12	26°31	13°33	5° 6	10° 5	21°24	17°R48	17°22	25° 0	12°12
T 13	15 43 23	26°48'14	4♁38	8°30	5° 9	18°56	26°25	13°31	5° 8	10° 5	21°25	17°47	17°19	25° 6	12°16
F 14	15 47 20	27°45'36	19°11	10°16	5°34	19°40	26°19	13°28	5°10	10° 4	21°26	17°47	17°16	25°13	12°21
S 15	15 51 17	28°42'57	3♁51	12° 5	5°59	20°25	26°13	13°26	5°12	10° 4	21°28	17°46	17°13	25°20	12°25
S 16	15 55 13	29°40'17	18°31	13°56	6°21	21° 9	26° 7	13°23	5°14	10°D 4	21°29	17°44	17° 9	25°27	12°29
M17	15 59 10	0♁37'37	3♁ 6	15°49	6°42	21°53	26° 1	13°21	5°16	10° 4	21°30	17°43	17° 6	25°33	12°33
T 18	16 3 6	1°34'55	17°30	17°45	7° 1	22°37	25°55	13°18	5°18	10° 4	21°31	17°42	17° 3	25°40	12°37
W19	16 7 3	2°32'14	1♁40	19°42	7°17	23°21	25°49	13°16	5°20	10° 5	21°32	17°D42	17° 0	25°47	12°41
T 20	16 10 59	3°29'32	15°34	21°42	7°33	24° 5	25°42	13°14	5°22	10° 5	21°33	17°42	16°57	25°53	12°45
F 21	16 14 56	4°26'49	29°11	23°44	7°46	24°49	25°36	13°12	5°24	10° 5	21°35	17°43	16°54	26° 0	12°49
S 22	16 18 52	5°24'06	12♁33	25°48	7°57	25°33	25°29	13°10	5°27	10° 5	21°36	17°44	16°50	26° 7	12°53
S 23	16 22 49	6°21'23	25°39	27°54	8° 5	26°17	25°22	13° 8	5°29	10° 5	21°37	17°45	16°47	26°14	12°57
M24	16 26 46	7°18'39	8♁31	0♁ 1	8°12	27° 1	25°15	13° 7	5°31	10° 5	21°39	17°46	16°44	26°20	13° 0
T 25	16 30 42	8°15'54	21°10	2° 9	8°17	27°45	25° 8	13° 5	5°34	10° 6	21°40	17°R47	16°41	26°27	13° 4
W26	16 34 39	9°13'10	3♁37	4°19	8°R19	28°28	25° 1	13° 3	5°36	10° 6	21°41	17°46	16°38	26°34	13° 8
T 27	16 38 35	10°10'24	15°55	6°30	8°19	29°12	24°54	13° 2	5°38	10° 6	21°43	17°44	16°34	26°40	13°12
F 28	16 42 32	11° 7'39	28° 3	8°41	8°16	29°55	24°47	13° 0	5°41	10° 7	21°44	17°41	16°31	26°47	13°16
S 29	16 46 28	12° 4'52	10♁ 3	10°52	8°12	0♁39	24°40	12°59	5°43	10° 7	21°45	17°37	16°28	26°54	13°20
S 30	16 50 25	13° 2'05	21°58	13° 4	8° 5	1°22	24°32	12°58	5°46	10° 7	21°47	17°33	16°25	27° 1	13°24
M31	16 54 21	13♁59'18	3♁50	15♁15	7♁55	2♁ 5	24♁25	12♁57	5♁49	10♁ 8	21♁48	17♁29	16♁22	27♁ 7	13♁27

Delta T = 31m01s

Julian Calendar 1 May 952 == Greg. Calendar 6 May 952

JUNE 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	16 58 18	14♁56'30	15♁42	17♁26	7°R43	2♁49	24°R17	12°R56	5♁51	10♁ 8	21♁50	17°R25	16♁19	27♁14	13♁31
W 2	17 2 15	15°53'41	27°37	19°37	7♁29	3°32	24♁10	12♁55	5°54	10° 9	21°51	17♁23	16°15	27°21	13°35
T 3	17 6 11	16°50'52	9♁41	21°46	7°12	4°15	24° 2	12°54	5°57	10° 9	21°52	17°21	16°12	27°27	13°38
F 4	17 10 8	17°48'02	21°56	23°54	6°53	4°58	23°55	12°53	5°59	10°10	21°54	17°D21	16° 9	27°34	13°42
S 5	17 14 4	18°45'12	4♁28	26° 1	6°32	5°41	23°47	12°53	6° 2	10°11	21°55	17°22	16° 6	27°41	13°46
S 6	17 18 1	19°42'21	17°21	28° 6	6° 8	6°24	23°39	12°52	6° 5	10°11	21°57	17°23	16° 3	27°48	13°49
M 7	17 21 57	20°39'29	0♁38	0♁10	5°43	7° 7	23°32	12°52	6° 8	10°12	21°58	17°25	15°59	27°54	13°53
T 8	17 25 54	21°36'38	14°22	2°11	5°15	7°50	23°24	12°52	6°11	10°13	22° 0	17°R26	15°56	28° 1	13°56
W 9	17 29 50	22°33'46	28°32	4°12	4°46	8°32	23°16	12°51	6°14	10°13	22° 1	17°25	15°53	28° 8	14° 0
T 10	17 33 47	23°30'54	13♁ 6	6°10	4°14	9°15	23° 9	12°51	6°17	10°14	22° 3	17°23	15°50	28°14	14° 3
F 11	17 37 44	24°28'02	27°59	8° 6	3°42	9°58	23° 1	12°D51	6°20	10°15	22° 5	17°20	15°47	28°21	14° 7
S 12	17 41 40	25°25'10	13♁ 2	10° 0	3° 8	10°40	22°53	12°51	6°23	10°16	22° 6	17°15	15°44	28°28	14°10
S 13	17 45 37	26°22'18	28° 7	11°53	2°33	11°23	22°46	12°51	6°26	10°17	22° 8	17° 9	15°40	28°35	14°14
M14	17 49 33	27°19'26	13♁ 3	13°43	1°56	12° 5	22°38	12°52	6°29	10°18	22° 9	17° 4	15°37	28°41	14°17
T 15	17 53 30	28°16'34	27°44	15°31	1°20	12°47	22°30	12°52	6°32	10°19	22°11	16°59	15°34	28°48	14°20
W16	17 57 26	29°13'43	12♁ 3	17°18	0°42	13°29	22°23	12°53	6°35	10°20	22°12	16°57	15°31	28°55	14°24
T 17	18 1 23	0♁10'52	25°59	19° 2	0° 5	14°12	22°15	12°53	6°38	10°20	22°14	16°D55	15°28	29° 1	14°27
F 18	18 5 19	1° 8'02	9♁31	20°44	29♁27	14°54	22° 8	12°54	6°41	10°21	22°16	16°55	15°25	29° 8	14°30
S 19	18 9 16	2° 5'12	22°42	22°25	28°50	15°36	22° 0	12°54	6°44	10°23	22°17	16°57	15°21	29°15	14°33
S 20	18 13 13	3° 2'22	5♁33	24° 3	28°14	16°18	21°53	12°55	6°48	10°24	22°19	16°58	15°18	29°22	14°36
M21	18 17 9	3°59'34	18° 9	25°39	27°38	17° 0	21°45	12°56	6°51	10°25	22°21	16°R58	15°15	29°28	14°39
T 22	18 21 6	4°56'45	0♁32	27°13	27° 3	17°41	21°38	12°57	6°54	10°26	22°22	16°57	15°12	29°35	14°42
W23	18 25 2	5°53'58	12°45	28°45	26°29	18°23	21°31	12°59	6°57	10°27	22°24	16°54	15° 9	29°42	14°45
T 24	18 28 59	6°51'11	24°50	0♁16	25°56	19° 5	21°24	13° 0	7° 1	10°28	22°26	16°49	15° 5	29°49	14°48
F 25	18 32 55	7°48'24	6♁49	1°44	25°25	19°46	21°17	13° 1	7° 4	10°29	22°27	16°42	15° 2	29°55	14°51
S 26	18 36 52	8°45'37	18°44	3°10	24°56	20°28	21° 9	13° 3	7° 7	10°31	22°29	16°32	14°59	0♁ 2	14°54
S 27	18 40 49	9°42'52	0♁37	4°33	24°28	21° 9	21° 3	13° 4	7°11	10°32	22°31	16°22	14°56	0° 9	14°57
M28	18 44 45	10°40'06	12°28	5°55	24° 3	21°51	20°56	13° 6	7°14	10°33	22°32	16°12	14°53	0°15	15° 0
T 29	18 48 42	11°37'21	24°20	7°14	23°39	22°32	20°49	13° 7	7°18	10°34	22°34	16° 3	14°50	0°22	15° 2
W30	18 52 38	12♁34'36	6♁16	8♁32	23♁18	23♁13	20♁42	13♁ 9	7♁21	10♁36	22♁36	15♁56	14♁46	0♁29	15♁ 5

Delta T = 31m01s

Julian Calendar

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SWISS EPHEMERIS for the year 952

JULY 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	18 56 35	13 [♌] 31'52	18 [♍] 19	9 [♋] 47	22 [♍] R59	23 [♌] 54	20 [♍] R36	13 [♌] 11	7 [♌] 25	10 [♍] 37	22 [♌] 38	15 [♍] R50	14 [♌] M43	0 [♌] 36	15 [♌] 8
F 2	19 0 31	14 [♌] 29'08	0 [♌] 33	10 [♋] 59	22 [♌] 42	24 [♌] 35	20 [♌] 29	13 [♌] 13	7 [♌] 28	10 [♍] 39	22 [♌] 39	15 [♍] L47	14 [♌] 40	0 [♌] 42	15 [♌] 10
S 3	19 4 28	15 [♌] 26'24	13 [♌] 2	12 [♋] 9	22 [♌] 27	25 [♌] 16	20 [♌] 23	13 [♌] 15	7 [♌] 32	10 [♍] 40	22 [♌] 41	15 [♍] D46	14 [♌] 37	0 [♌] 49	15 [♌] 13
S 4	19 8 24	16 [♌] 23'41	25 [♌] 50	13 [♋] 17	22 [♌] 15	25 [♌] 57	20 [♌] 17	13 [♌] 17	7 [♌] 35	10 [♍] 41	22 [♌] 43	15 [♍] 47	14 [♌] 34	0 [♌] 56	15 [♌] 16
M 5	19 12 21	17 [♌] 20'58	9 [♌] M 1	14 [♋] 22	22 [♌] 5	26 [♌] 38	20 [♌] 10	13 [♌] 20	7 [♌] 39	10 [♍] 43	22 [♌] 44	15 [♍] R47	14 [♌] 31	1 [♌] 2	15 [♌] 18
T 6	19 16 17	18 [♌] 18'16	22 [♌] 40	15 [♋] 24	21 [♌] 58	27 [♌] 19	20 [♌] 4	13 [♌] 22	7 [♌] 42	10 [♍] 44	22 [♌] 46	15 [♍] 47	14 [♌] 27	1 [♌] 9	15 [♌] 20
W 7	19 20 14	19 [♌] 15'34	6 [♌] 48	16 [♋] 24	21 [♌] 53	27 [♌] 59	19 [♌] 59	13 [♌] 25	7 [♌] 46	10 [♍] 46	22 [♌] 48	15 [♍] 46	14 [♌] 24	1 [♌] 16	15 [♌] 23
T 8	19 24 11	20 [♌] 12'54	21 [♌] 23	17 [♋] 21	21 [♌] 50	28 [♌] 40	19 [♌] 53	13 [♌] 27	7 [♌] 49	10 [♍] 48	22 [♌] 50	15 [♍] 42	14 [♌] 21	1 [♌] 23	15 [♌] 25
F 9	19 28 7	21 [♌] 10'13	6 [♌] 21	18 [♋] 14	21 [♌] D50	29 [♌] 20	19 [♌] 47	13 [♌] 30	7 [♌] 53	10 [♍] 49	22 [♌] 51	15 [♍] 35	14 [♌] 18	1 [♌] 29	15 [♌] 27
S 10	19 32 4	22 [♌] 7'34	21 [♌] 36	19 [♋] 5	21 [♌] 52	0 [♌] II 1	19 [♌] 42	13 [♌] 33	7 [♌] 57	10 [♍] 51	22 [♌] 53	15 [♍] 27	14 [♌] 15	1 [♌] 36	15 [♌] 30
S 11	19 36 0	23 [♌] 4'55	6 [♌] 55	19 [♋] 52	21 [♌] 56	0 [♌] 41	19 [♌] 37	13 [♌] 35	8 [♌] 0	10 [♍] 52	22 [♌] 55	15 [♍] 17	14 [♌] 11	1 [♌] 43	15 [♌] 32
M12	19 39 57	24 [♌] 2'18	22 [♌] 7	20 [♋] 36	22 [♌] 3	1 [♌] 21	19 [♌] 31	13 [♌] 38	8 [♌] 4	10 [♍] 54	22 [♌] 57	15 [♍] 8	14 [♌] 8	1 [♌] 49	15 [♌] 34
T 13	19 43 53	24 [♌] 59'41	7 [♌] X 3	21 [♋] 16	22 [♌] 11	2 [♌] 2	19 [♌] 26	13 [♌] 41	8 [♌] 8	10 [♍] 56	22 [♌] 58	15 [♍] 0	14 [♌] 5	1 [♌] 56	15 [♌] 36
W14	19 47 50	25 [♌] 57'06	21 [♌] 35	21 [♋] 52	22 [♌] 22	2 [♌] 42	19 [♌] 21	13 [♌] 44	8 [♌] 11	10 [♍] 57	23 [♌] 0	14 [♍] 54	14 [♌] 2	2 [♌] 3	15 [♌] 38
T 15	19 51 47	26 [♌] 54'32	5 [♌] Y39	22 [♌] 24	22 [♌] 35	3 [♌] 22	19 [♌] 17	13 [♌] 48	8 [♌] 15	10 [♍] 59	23 [♌] 2	14 [♍] 50	13 [♌] 59	2 [♌] 10	15 [♌] 40
F 16	19 55 43	27 [♌] 51'59	19 [♌] 39	22 [♌] 53	22 [♌] 50	4 [♌] 1	19 [♌] 12	13 [♌] 51	8 [♌] 19	11 [♍] 1	23 [♌] 3	14 [♍] 48	13 [♌] 56	2 [♌] 16	15 [♌] 42
S 17	19 59 40	28 [♌] 49'28	2 [♌] B24	23 [♋] 16	23 [♌] 7	4 [♌] 41	19 [♌] 8	13 [♌] 54	8 [♌] 22	11 [♍] 2	23 [♌] 5	14 [♍] D48	13 [♌] 52	2 [♌] 23	15 [♌] 44
S 18	20 3 36	29 [♌] 46'58	15 [♌] 11	23 [♋] 35	23 [♌] 25	5 [♌] 21	19 [♌] 4	13 [♌] 58	8 [♌] 26	11 [♍] 4	23 [♌] 7	14 [♍] R48	13 [♌] 49	2 [♌] 30	15 [♌] 45
M19	20 7 33	0 [♌] Ω44'29	27 [♌] 39	23 [♋] 50	23 [♌] 46	6 [♌] 1	18 [♌] 59	14 [♌] 1	8 [♌] 30	11 [♍] 6	23 [♌] 9	14 [♍] 47	13 [♌] 46	2 [♌] 37	15 [♌] 47
T 20	20 11 29	1 [♌] 42'02	9 [♌] II53	23 [♋] 59	24 [♌] 8	6 [♌] 40	18 [♌] 56	14 [♌] 5	8 [♌] 33	11 [♍] 8	23 [♌] 10	14 [♍] 45	13 [♌] 43	2 [♌] 43	15 [♌] 49
W21	20 15 26	2 [♌] 39'37	21 [♌] 57	24 [♋] R 3	24 [♌] 32	7 [♌] 20	18 [♌] 52	14 [♌] 8	8 [♌] 37	11 [♍] 10	23 [♌] 12	14 [♍] 40	13 [♌] 40	2 [♌] 50	15 [♌] 51
T 22	20 19 22	3 [♌] 37'13	3 [♌] 54	24 [♌] 2	24 [♌] 58	7 [♌] 59	18 [♌] 48	14 [♌] 12	8 [♌] 41	11 [♍] 11	23 [♌] 14	14 [♍] 32	13 [♌] 37	2 [♌] 57	15 [♌] 52
F 23	20 23 19	4 [♌] 34'50	15 [♌] 47	23 [♋] 56	25 [♌] 25	8 [♌] 38	18 [♌] 45	14 [♌] 16	8 [♌] 44	11 [♍] 13	23 [♌] 16	14 [♍] 22	13 [♌] 33	3 [♌] 3	15 [♌] 54
S 24	20 27 16	5 [♌] 32'28	27 [♌] 39	23 [♋] 44	25 [♌] 54	9 [♌] 18	18 [♌] 42	14 [♌] 20	8 [♌] 48	11 [♍] 15	23 [♌] 17	14 [♍] 9	13 [♌] 30	3 [♌] 10	15 [♌] 55
S 25	20 31 12	6 [♌] 30'08	9 [♌] Ω31	23 [♋] 26	26 [♌] 24	9 [♌] 57	18 [♌] 39	14 [♌] 24	8 [♌] 52	11 [♍] 17	23 [♌] 19	13 [♍] 56	13 [♌] 27	3 [♌] 17	15 [♌] 56
M26	20 35 9	7 [♌] 27'49	21 [♌] 24	23 [♋] 3	26 [♌] 56	10 [♌] 36	18 [♌] 36	14 [♌] 28	8 [♌] 56	11 [♍] 19	23 [♌] 21	13 [♍] 42	13 [♌] 24	3 [♌] 24	15 [♌] 58
T 27	20 39 5	8 [♌] 25'32	3 [♌] η20	22 [♋] 34	27 [♌] 29	11 [♌] 15	18 [♌] 33	14 [♌] 32	8 [♌] 59	11 [♍] 21	23 [♌] 22	13 [♍] 29	13 [♌] 21	3 [♌] 30	15 [♌] 59
W28	20 43 2	9 [♌] 23'16	15 [♌] 21	22 [♋] 1	28 [♌] 4	11 [♌] 53	18 [♌] 30	14 [♌] 36	9 [♌] 3	11 [♍] 23	23 [♌] 24	13 [♍] 18	13 [♌] 17	3 [♌] 37	16 [♌] 0
T 29	20 46 58	10 [♌] 21'00	27 [♌] 28	21 [♋] 22	28 [♌] 39	12 [♌] 32	18 [♌] 28	14 [♌] 41	9 [♌] 7	11 [♍] 25	23 [♌] 26	13 [♍] 10	13 [♌] 14	3 [♌] 44	16 [♌] 2
F 30	20 50 55	11 [♌] 18'47	9 [♌] Ω44	20 [♋] 39	29 [♌] 16	13 [♌] 11	18 [♌] 26	14 [♌] 45	9 [♌] 11	11 [♍] 27	23 [♌] 27	13 [♍] 4	13 [♌] 11	3 [♌] 50	16 [♌] 3
S 31	20 54 51	12 [♌] Ω16'34	22 [♌] Ω14	19 [♋] Ω2	29 [♌] II54	13 [♌] II49	18 [♌] 24	14 [♌] Ω50	9 [♌] Ω14	11 [♍] 29	23 [♌] Ω29	13 [♍] Ω 2	13 [♌] Ω 8	3 [♌] Ω57	16 [♌] Ω 4

Delta T = 31m00s

Julian Calendar 1 July 952 == Greg. Calendar 6 July 952

AUGUST 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	20 58 48	13 [♌] Ω14'23	5 [♌] M 0	19 [♋] R 2	0 [♌] 33	14 [♌] II28	18 [♌] R22	14 [♌] Ω54	9 [♌] Ω18	11 [♍] 31	23 [♌] 31	13 [♍] R 1	13 [♌] M 5	4 [♌] Ω 4	16 [♌] Ω 5
M 2	21 2 44	14 [♌] 12'13	18 [♌] 7	18 [♋] Ω10	1 [♌] 14	15 [♌] 6	18 [♌] 21	14 [♌] 59	9 [♌] 22	11 [♍] 33	23 [♌] 32	13 [♍] Ω 1	13 [♌] 2	4 [♌] 11	16 [♌] 6
T 3	21 6 41	15 [♌] 10'04	1 [♌] 738	17 [♋] 16	1 [♌] 55	15 [♌] 44	18 [♌] 19	15 [♌] 3	9 [♌] 25	11 [♍] 35	23 [♌] 34	13 [♍] 0	12 [♌] 58	4 [♌] 17	16 [♌] 6
W 4	21 10 38	16 [♌] 7'56	15 [♌] 36	16 [♋] 22	2 [♌] 37	16 [♌] 22	18 [♌] 18	15 [♌] 8	9 [♌] 29	11 [♍] 37	23 [♌] 36	12 [♍] 58	12 [♌] 55	4 [♌] 24	16 [♌] 7
T 5	21 14 34	17 [♌] 5'50	0 [♌] Ω 1	15 [♋] 28	3 [♌] 21	17 [♌] 0	18 [♌] 17	15 [♌] 13	9 [♌] 33	11 [♍] 39	23 [♌] 37	12 [♍] 54	12 [♌] 52	4 [♌] 31	16 [♌] 8
F 6	21 18 31	18 [♌] 3'46	14 [♌] 51	14 [♋] 37	4 [♌] 5	17 [♌] 38	18 [♌] 16	15 [♌] 18	9 [♌] 37	11 [♍] 41	23 [♌] 39	12 [♍] 47	12 [♌] 49	4 [♌] 38	16 [♌] 9
S 7	21 22 27	19 [♌] 1'42	0 [♌] Ω 0	13 [♋] 49	4 [♌] 50	18 [♌] 16	18 [♌] 16	15 [♌] 23	9 [♌] 40	11 [♍] 43	23 [♌] 40	12 [♍] 37	12 [♌] 46	4 [♌] 44	16 [♌] 9
S 8	21 26 24	19 [♌] 59'40	15 [♌] 17	13 [♋] 4	5 [♌] 36	18 [♌] 54	18 [♌] 15	15 [♌] 28	9 [♌] 44	11 [♍] 45	23 [♌] 42	12 [♍] 27	12 [♌] 43	4 [♌] 51	16 [♌] 10
M 9	21 30 20	20 [♌] 57'40	0 [♌] X33	12 [♋] 25	6 [♌] 23	19 [♌] 31	18 [♌] 15	15 [♌] 33	9 [♌] 48	11 [♍] 47	23 [♌] 44	12 [♍] 16	12 [♌] 39	4 [♌] 58	16 [♌] 10
T 10	21 34 17	21 [♌] 55'41	15 [♌] 35	11 [♋] 52	7 [♌] 11	20 [♌] 9	18 [♌] D15	15 [♌] 38	9 [♌] 51	11 [♍] 49	23 [♌] 45	12 [♍] 7	12 [♌] 36	5 [♌] 4	16 [♌] 11
W11	21 38 14	22 [♌] 53'44	0 [♌] Y15	11 [♋] 26	7 [♌] 59	20 [♌] 46	18 [♌] 15	15 [♌] 43	9 [♌] 55	11 [♍] 52	23 [♌] 47	11 [♍] 59	12 [♌] 33	5 [♌] 11	16 [♌] 11
T 12	21 42 10	23 [♌] 51'50	14 [♌] 28	11 [♋] 7	8 [♌] 49	21 [♌] 24	18 [♌] 15	15 [♌] 49	9 [♌] 59	11 [♍] 54	23 [♌] 48	11 [♍] 54	12 [♌] 30	5 [♌] 18	16 [♌] 11
F 13	21 46 7	24 [♌] 49'57	28 [♌] 10	10 [♋] 57	9 [♌] 39	22 [♌] 1	18 [♌] 16	15 [♌] 54	10 [♌] 2	11 [♍] 56	23 [♌] 50	11 [♍] 52	12 [♌] 27	5 [♌] 25	16 [♌] 12
S 14	21 50 3	25 [♌] 48'06	11 [♌] Ω24	10 [♋] D54	10 [♌] 3										

SWISS EPHEMERIS for the year 952

SEPTEMBER 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
W 1	23 1 1	13♐20'35	25♌17	1♐0	27♄23	3♄25	19♌1	17♏46	11♏9	12♐38	24♄16	10°R18	11♐26	7♏32	16°R 5
T 2	23 4 58	14°19'21	9♄29	2°47	28°24	4°0	19°5	17°52	11°12	12°40	24°17	10♐15	11°23	7°39	16♄4
F 3	23 8 54	15°18'09	24°2	4°35	29°25	4°34	19°9	17°59	11°15	12°42	24°19	10°10	11°20	7°46	16°3
S 4	23 12 51	16°16'58	8♌52	6°25	0♏26	5°9	19°14	18°5	11°18	12°44	24°20	10°4	11°17	7°53	16°1
S 5	23 16 47	17°15'49	23°52	8°14	1°28	5°43	19°18	18°12	11°22	12°47	24°21	9°56	11°14	7°59	16°0
M 6	23 20 44	18°14'42	8♌53	10°4	2°30	6°17	19°23	18°18	11°25	12°49	24°22	9°48	11°10	8°6	15°59
T 7	23 24 40	19°13'37	23°46	11°53	3°33	6°51	19°28	18°25	11°28	12°51	24°23	9°40	11°7	8°13	15°58
W 8	23 28 37	20°12'35	8♌52	13°43	4°35	7°25	19°34	18°31	11°31	12°53	24°24	9°35	11°4	8°19	15°56
T 9	23 32 34	21°11'34	22°35	15°32	5°39	7°59	19°39	18°38	11°34	12°56	24°25	9°32	11°1	8°26	15°55
F 10	23 36 30	22°10'35	6♄21	17°21	6°42	8°32	19°44	18°45	11°37	12°58	24°26	9°D30	10°58	8°33	15°53
S 11	23 40 27	23°9'39	19°40	19°9	7°46	9°6	19°50	18°51	11°40	13°0	24°27	9°31	10°54	8°40	15°52
S 12	23 44 23	24°8'46	2♐33	20°57	8°50	9°39	19°56	18°58	11°43	13°2	24°28	9°32	10°51	8°46	15°50
M13	23 48 20	25°7'54	15°5	22°44	9°54	10°12	20°2	19°5	11°46	13°4	24°29	9°33	10°48	8°53	15°49
T 14	23 52 16	26°7'06	27°19	24°30	10°59	10°45	20°8	19°12	11°49	13°7	24°30	9°R34	10°45	9°0	15°47
W15	23 56 13	27°6'19	9♄21	26°16	12°4	11°18	20°15	19°18	11°52	13°9	24°31	9°33	10°42	9°6	15°45
T 16	0 0 9	28°5'35	21°16	28°1	13°9	11°50	20°21	19°25	11°55	13°11	24°32	9°30	10°39	9°13	15°44
F 17	0 4 6	29°4'53	3♏8	29°45	14°15	12°22	20°28	19°32	11°58	13°13	24°33	9°25	10°35	9°20	15°42
S 18	0 8 3	0♏4'13	15°0	1♏29	15°20	12°55	20°34	19°39	12°1	13°15	24°34	9°19	10°32	9°27	15°40
S 19	0 11 59	1°3'36	26°57	3°11	16°26	13°27	20°41	19°46	12°3	13°17	24°35	9°13	10°29	9°33	15°38
M20	0 15 56	2°3'01	9♐1	4°53	17°33	13°59	20°48	19°53	12°6	13°20	24°36	9°5	10°26	9°40	15°36
T 21	0 19 52	3°2'28	21°14	6°34	18°39	14°30	20°56	20°0	12°9	13°22	24°37	8°59	10°23	9°47	15°34
W22	0 23 49	4°1'57	3♏36	8°15	19°46	15°2	21°3	20°7	12°11	13°24	24°37	8°53	10°20	9°54	15°32
T 23	0 27 45	5°1'28	16°10	9°55	20°53	15°33	21°11	20°14	12°14	13°26	24°38	8°49	10°16	10°0	15°29
F 24	0 31 42	6°1'02	28°54	11°34	22°0	16°4	21°18	20°21	12°17	13°28	24°39	8°47	10°13	10°7	15°27
S 25	0 35 38	7°0'37	11♐51	13°12	23°7	16°35	21°26	20°28	12°19	13°30	24°40	8°D47	10°10	10°14	15°25
S 26	0 39 35	8°0'14	25°0	14°50	24°15	17°5	21°34	20°35	12°22	13°32	24°40	8°48	10°7	10°20	15°23
M27	0 43 31	8°59'54	8♌72	16°27	25°23	17°36	21°42	20°42	12°24	13°34	24°41	8°49	10°4	10°27	15°20
T 28	0 47 28	9°59'35	21°58	18°3	26°31	18°6	21°50	20°49	12°26	13°36	24°41	8°51	10°0	10°34	15°18
W29	0 51 25	10°59'17	5♄48	19°39	27°39	18°36	21°59	20°57	12°29	13°38	24°42	8°R52	9°57	10°41	15°16
T 30	0 55 21	11°59'02	19♄52	21°14	28♏47	19°56	22♌7	21°4	12°31	13°40	24°43	8♐52	9♐54	10♏47	15♄13

Delta T = 30m59s

Julian Calendar 1 Sept. 952 == Greg. Calendar 6 Sept. 952

OCTOBER 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
F 1	0 59 18	12♏58'48	4♌10	22♏49	29♏56	19♄36	22♌16	21♏11	12♏33	13♐42	24♄43	8°R50	9♐51	10♏54	15°R11
S 2	1 3 14	13°58'36	18°37	24°23	1♐4	20°5	22°25	21°18	12°36	13°44	24°44	8♐48	9°48	11°1	15♄8
S 3	1 7 11	14°58'26	3♌11	25°56	2°13	20°34	22°34	21°25	12°38	13°46	24°44	8°45	9°45	11°7	15°5
M 4	1 11 7	15°58'17	17°46	27°29	3°22	21°3	22°43	21°32	12°40	13°48	24°45	8°41	9°41	11°14	15°3
T 5	1 15 4	16°58'10	2♌15	29°1	4°32	21°32	22°52	21°40	12°42	13°50	24°45	8°39	9°38	11°21	15°0
W 6	1 19 0	17°58'05	16°32	0♐33	5°41	22°0	23°1	21°47	12°44	13°52	24°46	8°36	9°35	11°28	14°57
T 7	1 22 57	18°58'02	0♄32	2°4	6°50	22°28	23°10	21°54	12°46	13°54	24°46	8°35	9°32	11°34	14°55
F 8	1 26 54	19°58'01	14°12	3°35	8°0	22°56	23°20	22°1	12°48	13°56	24°46	8°D35	9°29	11°41	14°52
S 9	1 30 50	20°58'03	27°29	5°5	9°10	23°24	23°29	22°8	12°50	13°58	24°47	8°36	9°25	11°48	14°49
S 10	1 34 47	21°58'06	10♐24	6°35	10°20	23°51	23°39	22°16	12°52	14°0	24°47	8°37	9°22	11°55	14°46
M11	1 38 43	22°58'12	22°59	8°4	11°30	24°18	23°49	22°23	12°54	14°2	24°47	8°39	9°19	12°1	14°43
T 12	1 42 40	23°58'19	5♄17	9°33	12°41	24°45	23°59	22°30	12°55	14°3	24°48	8°40	9°16	12°8	14°41
W13	1 46 36	24°58'29	17°21	11°1	13°51	25°12	24°9	22°37	12°57	14°5	24°48	8°41	9°13	12°15	14°38
T 14	1 50 33	25°58'41	29°18	12°29	15°2	25°38	24°19	22°44	12°59	14°7	24°48	8°R41	9°10	12°21	14°35
F 15	1 54 29	26°58'55	11♏10	13°56	16°13	26°4	24°30	22°52	13°0	14°9	24°48	8°40	9°6	12°28	14°32
S 16	1 58 26	27°59'11	23°4	15°22	17°23	26°30	24°40	22°59	13°2	14°10	24°48	8°39	9°3	12°35	14°29
S 17	2 2 23	28°59'29	5♐3	16°48	18°34	26°55	24°50	23°6	13°4	14°12	24°49	8°38	9°0	12°42	14°26
M18	2 6 19	29°59'49	17°10	18°13	19°46	27°21	25°1	23°13	13°5	14°14	24°49	8°37	8°57	12°48	14°23
T 19	2 10 16	1♐0'11	29°30	19°38	20°57	27°45	25°12	23°20	13°6	14°16	24°49	8°36	8°54	12°55	14°20
W20	2 14 12	2°0'35	12♏5	21°2	22°8	28°10	25°23	23°27	13°8	14°17	24°49	8°35	8°51	13°2	14°16
T 21	2 18 9	3°1'01	24°54	22°25	23°20	28°34	25°33	23°35	13°9	14°19	24°R49	8°34	8°47	13°9	14°13
F 22	2 22 5	4°1'28	8♐0	23°46	24°31	28°58	25°44	23°42	13°10	14°20	24°49	8°D34	8°44	13°15	14°10
S 23	2 26 2	5°1'58	21°21	25°7	25°43	29°21	25°56	23°49	13°12	14°22	24°49	8°34	8°41	13°22	14°7
S 24	2 29 58	6°2'29	4♌56	26°27	26°55	29°44	26°7	23°56	13°13	14°24	24°49	8°34	8°38	13°29	14°4
M25	2 33 55	7°3'01	18°42	27°46	28°7	0♏7	26°18	24°3	13°14	14°25	24°49	8°35	8°35	13°35	14°1
T 26	2 37 51	8°3'35	2♄39	29°3	29°19	0°30	26°29	24°10	13°15	14°27	24°48	8°35	8°31	13°42	13°58
W27	2 41 48	9°4'10	16°43	0♌18	0♄31	0°52	26°41	24°17	13°16	14°28	24°48	8°R35	8°28	13°49	13°55
T 28	2 45 45	10°4'46	0♌51	1°32	1°43	1°13	26°52	24°24	13°17	14°29	24°48	8°35	8°25	13°56	13°51
F 29	2 49 41	11°5'24	15°3	2°44	2°56	1°34	27°4	24°31	13°18	14°31	24°48	8°D35	8°22	14°2	13°48
S 30	2 53 38	12°6'03	29°15	3°53	4°8	1°55	27°16	24°38	13°19	14°32	24°48	8°35	8°19	14°9	13°45
S 31	2 57 34	13♐6'43	13♌25	5♌0	5♏21	2♏16	27♌28	24♏45	13♏19	14♐34	24♄47	8♐35	8♐16	14♏16	13♄42

Delta T = 30m59s

Julian Calendar

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SWISS EPHEMERIS for the year 952

NOVEMBER 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
M 1	3 1 31	14♈ 7'24	27♋32	6♁ 3	6♁33	2♁36	27♁40	24♁52	13♁20	14♈35	24°R47	8♈36	8♈12	14♁22	13°R39	
T 2	3 5 27	15° 8'06	11°Y30	7° 3	7°46	2°55	27°52	24°59	13°21	14°36	24°E47	8°36	8° 9	14°29	13°B35	
W 3	3 9 24	16° 8'49	25°20	8° 0	8°59	3°15	28° 4	25° 6	13°21	14°38	24°46	8°37	8° 6	14°36	13°32	
T 4	3 13 20	17° 9'34	8♉56	8°52	10°11	3°33	28°16	25°13	13°22	14°39	24°46	8°R37	8° 3	14°43	13°29	
F 5	3 17 17	18°10'20	22°18	9°39	11°24	3°52	28°28	25°20	13°22	14°40	24°46	8°37	8° 0	14°49	13°26	
S 6	3 21 14	19°11'08	5♈24	10°20	12°37	4° 9	28°40	25°26	13°23	14°41	24°45	8°36	7°56	14°56	13°23	
S 7	3 25 10	20°11'56	18°12	10°55	13°50	4°27	28°52	25°33	13°23	14°42	24°45	8°34	7°53	15° 3	13°20	
M 8	3 29 7	21°12'47	0♉45	11°23	15° 3	4°44	29° 5	25°40	13°24	14°44	24°44	8°33	7°50	15°10	13°16	
T 9	3 33 3	22°13'38	13° 3	11°43	16°17	5° 0	29°17	25°47	13°24	14°45	24°44	8°31	7°47	15°16	13°13	
W10	3 37 0	23°14'31	25° 9	11°55	17°30	5°16	29°30	25°53	13°24	14°46	24°43	8°29	7°44	15°23	13°10	
T 11	3 40 56	24°15'26	7♈ 6	11°R56	18°43	5°32	29°43	26° 0	13°24	14°47	24°43	8°27	7°41	15°30	13° 7	
F 12	3 44 53	25°16'21	18°58	11°48	19°57	5°46	29°55	26° 7	13°24	14°48	24°42	8°26	7°37	15°36	13° 4	
S 13	3 48 49	26°17'19	0♈51	11°29	21°10	6° 1	0♉ 8	26°13	13°R24	14°49	24°42	8°D26	7°34	15°43	13° 1	
S 14	3 52 46	27°18'17	12°49	10°58	22°24	6°15	0°21	26°20	13°24	14°50	24°41	8°27	7°31	15°50	12°58	
M15	3 56 43	28°19'16	24°56	10°16	23°37	6°28	0°34	26°26	13°24	14°51	24°40	8°28	7°28	15°57	12°55	
T 16	4 0 39	29°20'17	7♁18	9°23	24°51	6°41	0°46	26°33	13°24	14°52	24°40	8°30	7°25	16° 3	12°52	
W17	4 4 36	0♁21'19	19°58	8°21	26° 5	6°53	0°59	26°39	13°24	14°52	24°39	8°31	7°22	16°10	12°49	
T 18	4 8 32	1°22'23	2♈58	7°10	27°18	7° 4	1°12	26°46	13°24	14°53	24°38	8°R32	7°18	16°17	12°46	
F 19	4 12 29	2°23'27	16°20	5°52	28°32	7°15	1°26	26°52	13°23	14°54	24°38	8°32	7°15	16°23	12°43	
S 20	4 16 25	3°24'32	0♁ 3	4°31	29°46	7°26	1°39	26°58	13°23	14°55	24°37	8°31	7°12	16°30	12°40	
S 21	4 20 22	4°25'38	14° 5	3° 8	1♈ 0	7°35	1°52	27° 4	13°23	14°56	24°36	8°28	7° 9	16°37	12°37	
M22	4 24 18	5°26'45	28°22	1°46	2°14	7°44	2° 5	27°11	13°22	14°56	24°35	8°24	7° 6	16°44	12°34	
T 23	4 28 15	6°27'52	12♉48	0°29	3°28	7°53	2°18	27°17	13°22	14°57	24°34	8°20	7° 2	16°50	12°31	
W24	4 32 12	7°29'00	27°17	29♈18	4°42	8° 0	2°32	27°23	13°21	14°58	24°34	8°16	6°59	16°57	12°28	
T 25	4 36 8	8°30'09	11♁44	28°16	5°56	8° 7	2°45	27°29	13°21	14°58	24°33	8°12	6°56	17° 4	12°25	
F 26	4 40 5	9°31'17	26° 4	27°23	7°10	8°14	2°59	27°35	13°20	14°59	24°32	8°10	6°53	17°11	12°23	
S 27	4 44 1	10°32'26	10♁15	26°41	8°24	8°20	3°12	27°41	13°19	14°59	24°31	8°D10	6°50	17°17	12°20	
S 28	4 47 58	11°33'35	24°13	26°10	9°38	8°25	3°26	27°47	13°18	15° 0	24°30	8°10	6°47	17°24	12°17	
M29	4 51 54	12°34'44	7°Y59	25°51	10°53	8°29	3°39	27°52	13°17	15° 0	24°29	8°12	6°43	17°31	12°15	
T 30	4 55 51	13°35'54	21°Y33	25°D41	12♈ 7	8♁32	3°53	27°58	13♁17	15°Y 1	24°E28	8♈13	6♈40	17♁37	12♁12	

Delta T = 30m58s

Julian Calendar 1 Nov. 952 == Greg. Calendar 6 Nov. 952

DECEMBER 952 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
W 1	4 59 47	14♁37'03	4♉55	25♈42	13♈21	8♁35	4♉ 6	28♁ 4	13°R16	15°Y 1	24°R27	8°R14	6♈37	17♁44	12°R 9	
T 2	5 3 44	15°38'13	18° 5	25°52	14°35	8°37	4°20	28°10	13♁15	15° 1	24°E26	8♈14	6°34	17°51	12♁ 7	
F 3	5 7 41	16°39'24	1♈ 4	26°10	15°50	8°39	4°34	28°15	13°14	15° 2	24°25	8°11	6°31	17°58	12° 4	
S 4	5 11 37	17°40'34	13°51	26°37	17° 4	8°R39	4°47	28°21	13°13	15° 2	24°24	8° 7	6°28	18° 4	12° 2	
S 5	5 15 34	18°41'45	26°26	27°10	18°18	8°39	5° 1	28°26	13°11	15° 2	24°23	8° 1	6°24	18°11	11°59	
M 6	5 19 30	19°42'56	8♉50	27°49	19°33	8°38	5°15	28°32	13°10	15° 2	24°22	7°53	6°21	18°18	11°57	
T 7	5 23 27	20°44'07	21° 3	28°34	20°47	8°36	5°29	28°37	13° 9	15° 3	24°21	7°45	6°18	18°24	11°55	
W 8	5 27 23	21°45'19	3♈ 6	29°24	22° 2	8°34	5°43	28°42	13° 8	15° 3	24°20	7°36	6°15	18°31	11°52	
T 9	5 31 20	22°46'30	15° 2	0♁19	23°16	8°30	5°56	28°47	13° 6	15° 3	24°19	7°29	6°12	18°38	11°50	
F 10	5 35 17	23°47'42	26°54	1°17	24°31	8°26	6°10	28°52	13° 5	15° 3	24°17	7°23	6° 8	18°45	11°48	
S 11	5 39 13	24°48'55	8♈45	2°19	25°45	8°21	6°24	28°58	13° 3	15° 3	24°16	7°19	6° 5	18°51	11°46	
S 12	5 43 10	25°50'07	20°40	3°24	27° 0	8°16	6°38	29° 3	13° 2	15°R 3	24°15	7°D18	6° 2	18°58	11°44	
M13	5 47 6	26°51'20	2♁44	4°31	28°15	8° 9	6°52	29° 7	13° 0	15° 3	24°14	7°18	5°59	19° 5	11°42	
T 14	5 51 3	27°52'33	15° 2	5°41	29°29	8° 2	7° 6	29°12	12°59	15° 3	24°13	7°19	5°56	19°12	11°40	
W15	5 54 59	28°53'46	27°39	6°53	0♁44	7°53	7°20	29°17	12°57	15° 3	24°11	7°20	5°53	19°18	11°38	
T 16	5 58 56	29°55'00	10♈40	8° 7	1°58	7°44	7°34	29°22	12°56	15° 3	24°10	7°R20	5°49	19°25	11°36	
F 17	6 2 52	0♉56'13	24° 7	9°23	3°13	7°34	7°48	29°26	12°54	15° 2	24° 9	7°19	5°46	19°32	11°34	
S 18	6 6 49	1°57'27	8♁ 1	10°40	4°28	7°24	8° 2	29°31	12°52	15° 2	24° 8	7°15	5°43	19°38	11°33	
S 19	6 10 46	2°58'40	22°21	11°59	5°42	7°12	8°16	29°35	12°50	15° 2	24° 6	7° 9	5°40	19°45	11°31	
M20	6 14 42	3°59'53	7♉ 2	13°19	6°57	7° 0	8°30	29°40	12°49	15° 2	24° 5	7° 1	5°37	19°52	11°29	
T 21	6 18 39	5° 1'06	21°56	14°40	8°12	6°47	8°44	29°44	12°47	15° 2	24° 4	6°51	5°34	19°59	11°28	
W22	6 22 35	6° 2'18	6♁54	16° 2	9°27	6°33	8°58	29°48	12°45	15° 1	24° 3	6°42	5°30	20° 5	11°26	
T 23	6 26 32	7° 3'30	21°47	17°26	10°41	6°18	9°12	29°52	12°43	15° 1	24° 1	6°33	5°27	20°12	11°25	
F 24	6 30 28	8° 4'40	6♁27	18°50	11°56	6° 3	9°27	29°57	12°41	15° 0	24° 0	6°27	5°24	20°19	11°23	
S 25	6 34 25	9° 5'50	20°49	20°15	13°11	5°47	9°41	0♈ 1	12°39	15° 0	23°59	6°23	5°21	20°25	11°22	
S 26	6 38 21	10° 6'59	4°Y51	21°40	14°26	5°30	9°55	0° 4	12°37	15° 0	23°57	6°D22	5°18	20°32	11°21	
M27	6 42 18	11° 8'08	18°31	23° 7	15°40	5°12	10° 9	0° 8	12°35	14°59	23°56	6°22	5°14	20°39	11°19	
T 28	6 46 15	12° 9'15	1♉53	24°34	16°55	4°54	10°23	0°12	12°33	14°58	23°55	6°R22	5°11	20°46	11°18	
W29	6 50 11	13°10'21	14°57	26° 2	18°10	4°35	10°37	0°16	12°30	14°58	23°53	6°22	5° 8	20°52	11°17	
T 30	6 54 8	14°11'27	27°48	27°31	19°25	4°16	10°51	0°19	12°28	14°57	23°52	6°20	5° 5	20°59	11°16	
F 31	6 58 4	15°12'32	10♈26	29♁ 0	20♁39	3♁56	11♉ 5	0♈23	12♁26	14°Y57	23°E51	6♈15	5♈ 2	21♁ 6	11♁15	

Delta T = 30m58s

Julian Calendar

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