

SWISS EPHEMERIS for the year 888

JANUARY 888 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	6 57 3	14 ³ 58'50	19 ^{II} 13	7 ³ 36	11 [≈] 6	28 [♂] 43	29 [°] R27	12 [°] R37	10 ^M 56	17 [°] 28	10 [°] R36	3 [°] R15	2 ⁸ 14	16 [°] 7	15 [♠] 29								
T 2	7 1 0	15 [°] 59'53	2 ⁸ 15	9 [°] 13	12 [°] 21	29 [°] 29	29 [°] 19	12 [°] 33	10 [°] 58	17 [°] 28	10 [°] 36	3 ⁸ 5	2 [°] 11	16 [°] 14	15 [°] 31								
W 3	7 4 57	17 [°] 0'55	15 [°] 37	10 [°] 51	13 [°] 35	0 ³ 15	29 [°] 12	12 [°] 29	11 [°] 0	17 [°] 29	10 [°] 36	2 [°] 53	2 [°] 7	16 [°] 20	15 [°] 34								
T 4	7 8 53	18 [°] 1'56	29 [°] 16	12 [°] 30	14 [°] 49	1 [°] 1	29 [°] 4	12 [°] 25	11 [°] 2	17 [°] 29	10 [°] 35	2 [°] 41	2 [°] 4	16 [°] 27	15 [°] 36								
F 5	7 12 50	19 [°] 2'56	13 [°] 10	14 [°] 9	16 [°] 4	1 [°] 47	28 [°] 56	12 [°] 21	11 [°] 4	17 [°] 29	10 [°] 35	2 [°] 29	2 [°] 1	16 [°] 34	15 [°] 38								
S 6	7 16 46	20 [°] 3'56	27 [°] 13	15 [°] 48	17 [°] 18	2 [°] 33	28 [°] 48	12 [°] 17	11 [°] 6	17 [°] 30	10 [°] 35	2 [°] 18	1 [°] 58	16 [°] 40	15 [°] 40								
S 7	7 20 43	21 [°] 4'54	11 ^{III} 21	17 [°] 29	18 [°] 32	3 [°] 19	28 [°] 41	12 [°] 12	11 [°] 7	17 [°] 30	10 [°] 34	2 [°] 11	1 [°] 55	16 [°] 47	15 [°] 43								
M 8	7 24 39	22 [°] 5'52	25 [°] 31	19 [°] 10	19 [°] 46	4 [°] 5	28 [°] 33	12 [°] 8	11 [°] 9	17 [°] 31	10 [°] 34	2 [°] 6	1 [°] 51	16 [°] 54	15 [°] 45								
T 9	7 28 36	23 [°] 6'49	9 ^{IV} 40	20 [°] 51	21 [°] 1	4 [°] 51	28 [°] 25	12 [°] 3	11 [°] 11	17 [°] 31	10 [°] 34	2 [°] 4	1 [°] 48	17 [°] 0	15 [°] 47								
W10	7 32 32	24 [°] 7'45	23 [°] 46	22 [°] 34	22 [°] 15	5 [°] 37	28 [°] 17	11 [°] 59	11 [°] 13	17 [°] 32	10 [°] 33	2 [°] 3	1 [°] 45	17 [°] 7	15 [°] 50								
T 11	7 36 29	25 [°] 8'41	7 ^M 49	24 [°] 17	23 [°] 29	6 [°] 23	28 [°] 9	11 [°] 54	11 [°] 14	17 [°] 32	10 [°] 33	2 [°] 3	1 [°] 42	17 [°] 14	15 [°] 52								
F 12	7 40 26	26 [°] 9'36	21 [°] 47	26 [°] 0	24 [°] 43	7 [°] 9	28 [°] 1	11 [°] 50	11 [°] 16	17 [°] 33	10 [°] 33	2 [°] 2	1 [°] 39	17 [°] 20	15 [°] 55								
S 13	7 44 22	27 [°] 10'30	5 [♂] 41	27 [°] 45	25 [°] 57	7 [°] 55	27 [°] 53	11 [°] 45	11 [°] 17	17 [°] 34	10 [°] 33	1 [°] 59	1 [°] 36	17 [°] 27	15 [°] 58								
S 14	7 48 19	28 [°] 11'23	19 [°] 28	29 [°] 30	27 [°] 11	8 [°] 42	27 [°] 45	11 [°] 41	11 [°] 19	17 [°] 34	10 [°] 33	1 [°] 53	1 [°] 32	17 [°] 34	16 [°] 0								
M15	7 52 15	29 [°] 12'15	3 ⁸ 8	1 [≈] 16	28 [°] 25	9 [°] 28	27 [°] 37	11 [°] 36	11 [°] 20	17 [°] 35	10 [°] 33	1 [°] 44	1 [°] 29	17 [°] 40	16 [°] 3								
T 16	7 56 12	0 [≈] 13'05	16 [°] 38	3 [°] 2	29 [°] 39	10 [°] 14	27 [°] 29	11 [°] 31	11 [°] 22	17 [°] 36	10 [°] 33	1 [°] 32	1 [°] 26	17 [°] 47	16 [°] 5								
W17	8 0 8	1 [°] 13'55	29 [°] 54	4 [°] 49	0 [♠] 53	11 [°] 0	27 [°] 21	11 [°] 27	11 [°] 23	17 [°] 37	10 [°] 32	1 [°] 19	1 [°] 23	17 [°] 54	16 [°] 8								
T 18	8 4 5	2 [°] 14'43	12 [≈] 56	6 [°] 37	2 [°] 7	11 [°] 47	27 [°] 13	11 [°] 22	11 [°] 25	17 [°] 37	10 [°] 32	1 [°] 5	1 [°] 20	18 [°] 0	16 [°] 11								
F 19	8 8 1	3 [°] 15'30	25 [°] 40	8 [°] 25	3 [°] 21	12 [°] 33	27 [°] 5	11 [°] 17	11 [°] 26	17 [°] 38	10 [°] 32	0 [°] 52	1 [°] 17	18 [°] 7	16 [°] 14								
S 20	8 11 58	4 [°] 16'15	8 [♠] 9	10 [°] 14	4 [°] 34	13 [°] 20	26 [°] 57	11 [°] 12	11 [°] 27	17 [°] 39	10 [°] D32	0 [°] 41	1 [°] 13	18 [°] 14	16 [°] 17								
S 21	8 15 55	5 [°] 16'59	20 [°] 22	12 [°] 3	5 [°] 48	14 [°] 6	26 [°] 49	11 [°] 8	11 [°] 28	17 [°] 40	10 [°] 32	0 [°] 32	1 [°] 10	18 [°] 20	16 [°] 19								
M22	8 19 51	6 [°] 17'41	2 [°] Y22	13 [°] 53	7 [°] 2	14 [°] 52	26 [°] 42	11 [°] 3	11 [°] 29	17 [°] 41	10 [°] 32	0 [°] 27	1 [°] 7	18 [°] 27	16 [°] 22								
T 23	8 23 48	7 [°] 18'21	14 [°] 14	15 [°] 43	8 [°] 15	15 [°] 39	26 [°] 34	10 [°] 58	11 [°] 30	17 [°] 42	10 [°] 32	0 [°] 24	1 [°] 4	18 [°] 33	16 [°] 25								
W24	8 27 44	8 [°] 19'00	26 [°] 1	17 [°] 32	9 [°] 29	16 [°] 25	26 [°] 26	10 [°] 53	11 [°] 31	17 [°] 43	10 [°] 33	0 [°] D23	1 [°] 1	18 [°] 40	16 [°] 28								
T 25	8 31 41	9 [°] 19'37	7 ⁸ 50	19 [°] 22	10 [°] 43	17 [°] 12	26 [°] 18	10 [°] 48	11 [°] 32	17 [°] 44	10 [°] 33	0 [°] R23	0 [°] 57	18 [°] 47	16 [°] 31								
F 26	8 35 37	10 [°] 20'12	19 [°] 45	21 [°] 11	11 [°] 56	17 [°] 58	26 [°] 11	10 [°] 43	11 [°] 33	17 [°] 45	10 [°] 33	0 [°] 23	0 [°] 54	18 [°] 53	16 [°] 34								
S 27	8 39 34	11 [°] 20'45	1 ^{II} 52	23 [°] 0	13 [°] 9	18 [°] 45	26 [°] 3	10 [°] 38	11 [°] 34	17 [°] 46	10 [°] 33	0 [°] 21	0 [°] 51	19 [°] 0	16 [°] 37								
S 28	8 43 30	12 [°] 21'16	14 [°] 17	24 [°] 48	14 [°] 23	19 [°] 31	25 [°] 56	10 [°] 34	11 [°] 35	17 [°] 47	10 [°] 33	0 [°] 17	0 [°] 48	19 [°] 7	16 [°] 40								
M29	8 47 27	13 [°] 21'46	27 [°] 4	26 [°] 34	15 [°] 36	20 [°] 18	25 [°] 49	10 [°] 29	11 [°] 35	17 [°] 49	10 [°] 33	0 [°] 11	0 [°] 45	19 [°] 13	16 [°] 43								
T 30	8 51 24	14 [°] 22'14	10 ⁸ 14	28 [°] 19	16 [°] 49	21 [°] 5	25 [°] 41	10 [°] 24	11 [°] 36	17 [°] 50	10 [°] 33	0 [°] 2	0 [°] 42	19 [°] 20	16 [°] 47								
W31	8 55 20	15 [≈] 22'40	23 ⁸ 50	0 [♠] 2	18 [♠] 2	21 ³ 51	25 ⁸ 34	10 [°] 19	11 ^M 37	17 [°] 51	10 ⁸ 34	29 [°] Y51	0 ⁸ 38	19 [°] Y27	16 [♠] 50								

Delta T = 37m48s

Julian Calendar 1 Jan. 888 == Greg. Calendar 5 Jan. 888

FEBRUARY 888 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	8 59 17	16 [≈] 23'04	7 ^{II} 48	1 [♠] 43	19 [♠] 15	22 ³ 38	25 [°] R27	10 [°] R14	11 ^M 37	17 [°] 52	10 ⁸ 34	29 [°] R39	0 ⁸ 35	19 [°] Y33	16 [♠] 53								
F 2	9 3 13	17 [°] 23'26	22 [°] 5	3 [°] 20	20 [°] 28	23 [°] 24	25 ⁸ 20	10 [°] 9	11 [°] 38	17 [°] 54	10 [°] 34	29 [°] Y28	0 [°] 32	19 [°] 40	16 [°] 56								
S 3	9 7 10	18 [°] 23'46	6 ^{III} 36	4 [°] 54	21 [°] 41	24 [°] 11	25 [°] 13	10 [°] 5	11 [°] 38	17 [°] 55	10 [°] 34	29 [°] 18	0 [°] 29	19 [°] 47	16 [°] 59								
S 4	9 11 6	19 [°] 24'05	21 [°] 12	6 [°] 24	22 [°] 54	24 [°] 58	25 [°] 7	10 [°] 0	11 [°] 38	17 [°] 56	10 [°] 35	29 [°] 10	0 [°] 26	19 [°] 53	17 [°] 3								
M 5	9 15 3	20 [°] 24'22	5 ^{IV} 47	7 [°] 49	24 [°] 7	25 [°] 44	25 [°] 0	9 [°] 55	11 [°] 39	17 [°] 58	10 [°] 35	29 [°] 6	0 [°] 22	20 [°] 0	17 [°] 6								
T 6	9 18 59	21 [°] 24'38	20 [°] 16	9 [°] 9	25 [°] 20	26 [°] 31	24 [°] 53	9 [°] 50	11 [°] 39	17 [°] 59	10 [°] 35	29 [°] 4	0 [°] 19	20 [°] 7	17 [°] 9								
W 7	9 22 56	22 [°] 24'52	4 ^M 34	10 [°] 23	26 [°] 32	27 [°] 18	24 [°] 47	9 [°] 46	11 [°] 39	18 [°] 0	10 [°] 36	29 [°] D 3	0 [°] 16	20 [°] 13	17 [°] 12								
T 8	9 26 53	23 [°] 25'04	18 [°] 41	11 [°] 31	27 [°] 45	28 [°] 5	24 [°] 41	9 [°] 41	11 [°] 39	18 [°] 2	10 [°] 36	29 [°] R 4	0 [°] 13	20 [°] 20	17 [°] 16								
F 9	9 30 49	24 [°] 25'16	2 [♠] 35	12 [°] 31	28 [°] 58	28 [°] 51	24 [°] 35	9 [°] 36	11 [°] 40	18 [°] 3	10 [°] 37	29 [°] 4	0 [°] 10	20 [°] 26	17 [°] 19								
S 10	9 34 46	25 [°] 25'25	16 [°] 16	13 [°] 23	0 [°] Y10	29 [°] 38	24 [°] 29	9 [°] 32	11 [°] 40	18 [°] 5	10 [°] 37	29 [°] 2	0 [°] 7	20 [°] 33	17 [°] 22								
S 11	9 38 42	26 [°] 25'33	29 [°] 44	14 [°] 8	1 [°] 22	0 [≈] 25	24 [°] 23	9 [°] 27	11 [°] R40	18 [°] 6	10 [°] 38	28 [°] 57	0 [°] 3	20 [°] 40	17 [°] 26								
M12	9 42 39	27 [°] 25'40	13 ⁸ 2	14 [°] 44	2 [°] 35	1 [°] 12	24 [°] 17	9 [°] 23	11 [°] 40	18 [°] 8	10 [°] 38	28 [°] 50	0 [°] 0	20 [°] 46	17 [°] 29								
T 13	9 46 35	28 [°] 25'44	26 [°] 7	15 [°] 11	3 [°] 47	1 [°] 58	24 [°] 12	9 [°] 18	11 [°] 39	18 [°] 10	10 [°] 39	28 [°] 41	29 [°] Y57	20 [°] 53	17 [°] 33								
W14	9 50 32	29 [°] 25'47	9 [≈] 0	15 [°] 29	4 [°] 59	2 [°] 45	24 [°] 6	9 [°] 14	11 [°] 39	18 [°] 11	10 [°] 39	28 [°] 30	29 [°] 54	21 [°] 0	17 [°] 36								
T 15	9 54 28	0 [♠] 25'48	21 [°] 42	15 [°] R38	6 [°] 11	3 [°] 32	24 [°] 1	9 [°] 10	11 [°] 39	18 [°] 13	10 [°] 40	28 [°] 19	29 [°] 51	21 [°] 6	17 [°] 39								
F 16	9 58 25	1 [°] 25'47	4 [♠] 10	15 [°] 38	7 [°] 23	4 [°] 19	23 [°] 56	9 [°] 5	11 [°] 39	18 [°] 15	10 [°] 40	28 [°] 9	29 [°] 48	21 [°] 13	17 [°] 43								

SWISS EPHEMERIS for the year 888

MARCH 888 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	10 53 37	15°X21'42	0mP18	5°R44	24°Y 1	15°A15	23°R 3	8°R11	11°R30	18°Y40	10°B50	27°R22	29°Y 3	22°Y46	18°X32
S 2	10 57 33	16°21'08	15° 5	5°X 0	25°12	16° 1	23°B 0	8°L 8	11°M29	18°42	10°51	27°Y16	29° 0	22°53	18°36
S 3	11 1 30	17°20'31	0A 2	4°21	26°22	16°48	22°58	8° 5	11°28	18°44	10°52	27°12	28°57	22°59	18°39
M 4	11 5 26	18°19'52	15° 2	3°46	27°32	17°35	22°56	8° 2	11°26	18°46	10°53	27°10	28°54	23° 6	18°43
T 5	11 9 23	19°19'12	29°55	3°18	28°42	18°22	22°54	7°59	11°25	18°48	10°54	27°D 9	28°50	23°13	18°47
W 6	11 13 20	20°18'29	14mL34	2°55	29°52	19° 9	22°52	7°56	11°24	18°50	10°54	27°10	28°47	23°19	18°50
T 7	11 17 16	21°17'45	28°56	2°38	1B 2	19°55	22°51	7°53	11°23	18°52	10°55	27°12	28°44	23°26	18°54
F 8	11 21 13	22°16'59	12°A59	2°27	2°12	20°42	22°49	7°50	11°21	18°54	10°56	27°13	28°41	23°33	18°57
S 9	11 25 9	23°16'11	26°41	2°D21	3°22	21°29	22°48	7°48	11°20	18°56	10°57	27°R13	28°38	23°39	19° 1
S 10	11 29 6	24°15'22	10B 3	2°21	4°31	22°16	22°47	7°45	11°19	18°58	10°58	27°12	28°34	23°46	19° 4
M11	11 33 2	25°14'30	23° 8	2°27	5°41	23° 3	22°47	7°42	11°17	19° 0	10°59	27° 9	28°31	23°52	19° 8
T 12	11 36 59	26°13'37	5A57	2°38	6°50	23°49	22°46	7°40	11°16	19° 2	11° 0	27° 5	28°28	23°59	19°12
W13	11 40 55	27°12'42	18°33	2°55	7°59	24°36	22°46	7°38	11°14	19° 5	11° 1	27° 1	28°25	24° 6	19°15
T 14	11 44 52	28°11'45	0X56	3°16	9° 8	25°23	22°D45	7°36	11°13	19° 7	11° 2	26°56	28°22	24°12	19°19
F 15	11 48 49	29°10'46	13° 8	3°42	10°17	26°10	22°45	7°33	11°11	19° 9	11° 3	26°51	28°19	24°19	19°22
S 16	11 52 45	0Y 9'44	25°12	4°12	11°25	26°56	22°46	7°31	11° 9	19°11	11° 4	26°47	28°15	24°26	19°26
S 17	11 56 42	1° 8'41	7Y 8	4°46	12°34	27°43	22°46	7°29	11° 8	19°13	11° 5	26°44	28°12	24°32	19°29
M18	12 0 38	2° 7'36	18°58	5°25	13°42	28°30	22°47	7°28	11° 6	19°15	11° 6	26°43	28° 9	24°39	19°33
T 19	12 4 35	3° 6'28	0B46	6° 7	14°51	29°16	22°47	7°26	11° 4	19°17	11° 8	26°D42	28° 6	24°46	19°36
W20	12 8 31	4° 5'19	12°32	6°53	15°59	0X 3	22°48	7°24	11° 2	19°20	11° 9	26°43	28° 3	24°52	19°40
T 21	12 12 28	5° 4'07	24°21	7°42	17° 7	0°50	22°49	7°23	11° 1	19°22	11°10	26°45	27°59	24°59	19°43
F 22	12 16 24	6° 2'53	6II17	8°35	18°14	1°36	22°51	7°21	10°59	19°24	11°11	26°46	27°56	25° 6	19°47
S 23	12 20 21	7° 1'37	18°23	9°30	19°22	2°23	22°52	7°20	10°57	19°26	11°12	26°48	27°53	25°12	19°50
S 24	12 24 17	8° 0'18	0B45	10°29	20°29	3° 9	22°54	7°19	10°55	19°29	11°13	26°49	27°50	25°19	19°54
M25	12 28 14	8°58'58	13°25	11°30	21°36	3°56	22°56	7°18	10°53	19°31	11°14	26°R49	27°47	25°26	19°57
T 26	12 32 11	9°57'34	26°30	12°34	22°43	4°42	22°58	7°17	10°51	19°33	11°16	26°48	27°44	25°32	20° 0
W27	12 36 7	10°56'09	10L 0	13°41	23°50	5°29	23° 0	7°16	10°49	19°35	11°17	26°47	27°40	25°39	20° 4
T 28	12 40 4	11°54'42	23°59	14°50	24°57	6°15	23° 3	7°15	10°47	19°37	11°18	26°45	27°37	25°45	20° 7
F 29	12 44 0	12°53'12	8mP24	16° 1	26° 3	7° 2	23° 5	7°15	10°45	19°40	11°19	26°43	27°34	25°52	20°11
S 30	12 47 57	13°51'40	23°11	17°15	27°10	7°48	23° 8	7°14	10°43	19°42	11°20	26°42	27°31	25°59	20°14
S 31	12 51 53	14°Y50'06	8A15	18°X31	28°B16	8°X35	23°B11	7°L14	10°M40	19°Y44	11°B22	26°Y40	27°Y28	26°Y 5	20°M17

Delta T = 37m47s Julian Calendar 1 March 888 == Greg. Calendar 5 March 888

APRIL 888 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	12 55 50	15°Y48'29	23B27	19°X50	29°B21	9°X21	23°B14	7°R13	10°R38	19°Y46	11°B23	26°Y40	27°Y25	26°Y12	20°X21
T 2	12 59 46	16°46'52	8mL36	21°10	0II27	10° 7	23°17	7°L13	10°M36	19°49	11°24	26°40	27°21	26°19	20°24
W 3	13 3 43	17°45'12	23°35	22°32	1°32	10°54	23°21	7°13	10°34	19°51	11°25	26°41	27°18	26°25	20°27
T 4	13 7 40	18°43'31	8°A15	23°57	2°37	11°40	23°24	7°D13	10°32	19°53	11°27	26°41	27°15	26°32	20°30
F 5	13 11 36	19°41'48	22°32	25°23	3°42	12°26	23°28	7°13	10°29	19°55	11°28	26°42	27°12	26°39	20°34
S 6	13 15 33	20°40'04	6B24	26°51	4°47	13°12	23°32	7°13	10°27	19°58	11°29	26°43	27° 9	26°45	20°37
S 7	13 19 29	21°38'18	19°50	28°22	5°51	13°59	23°36	7°13	10°25	20° 0	11°30	26°R43	27° 5	26°52	20°40
M 8	13 23 26	22°36'30	2A54	29°54	6°55	14°45	23°41	7°14	10°22	20° 2	11°32	26°43	27° 2	26°59	20°43
T 9	13 27 22	23°34'41	15°37	1°Y28	7°59	15°31	23°45	7°14	10°20	20° 5	11°33	26°42	26°59	27° 5	20°46
W10	13 31 19	24°32'51	28° 2	3° 4	9° 3	16°17	23°50	7°15	10°18	20° 7	11°34	26°42	26°56	27°12	20°49
T 11	13 35 15	25°30'59	10X14	4°42	10° 6	17° 3	23°54	7°16	10°15	20° 9	11°36	26°42	26°53	27°18	20°52
F 12	13 39 12	26°29'05	22°15	6°22	11° 9	17°49	23°59	7°16	10°13	20°11	11°37	26°D42	26°50	27°25	20°56
S 13	13 43 9	27°27'10	4Y 9	8° 3	12°12	18°35	24° 5	7°17	10°10	20°14	11°38	26°42	26°46	27°32	20°59
S 14	13 47 5	28°25'13	15°58	9°47	13°14	19°21	24°10	7°18	10° 8	20°16	11°39	26°42	26°43	27°38	21° 2
M15	13 51 2	29°23'14	27°45	11°32	14°17	20° 7	24°15	7°19	10° 6	20°18	11°41	26°R42	26°40	27°45	21° 4
T 16	13 54 58	0B21'14	9B32	13°20	15°19	20°53	24°21	7°21	10° 3	20°20	11°42	26°42	26°37	27°52	21° 7
W17	13 58 55	1°19'12	21°22	15° 9	16°20	21°39	24°26	7°22	10° 1	20°22	11°43	26°42	26°34	27°58	21°10
T 18	14 2 51	2°17'09	3II17	17° 0	17°21	22°25	24°32	7°23	9°58	20°25	11°45	26°41	26°31	28° 5	21°13
F 19	14 6 48	3°15'04	15°18	18°53	18°22	23°10	24°38	7°25	9°56	20°27	11°46	26°40	26°27	28°12	21°16
S 20	14 10 44	4°12'57	27°30	20°47	19°23	23°56	24°45	7°27	9°53	20°29	11°48	26°39	26°24	28°18	21°19
S 21	14 14 41	5°10'49	9B55	22°44	20°23	24°42	24°51	7°28	9°51	20°31	11°49	26°38	26°21	28°25	21°22
M22	14 18 38	6° 8'38	22°37	24°43	21°23	25°28	24°57	7°30	9°48	20°34	11°50	26°38	26°18	28°32	21°24
T 23	14 22 34	7° 6'26	5L38	26°43	22°22	26°13	25° 4	7°32	9°46	20°36	11°52	26°D37	26°15	28°38	21°27
W24	14 26 31	8° 4'12	19° 2	28°45	23°21	26°59	25°11	7°34	9°43	20°38	11°53	26°38	26°11	28°45	21°30
T 25	14 30 27	9° 1'56	2mP50	0B48	24°20	27°44	25°18	7°37	9°41	20°40	11°54	26°38	26° 8	28°52	21°33
F 26	14 34 24	9°59'39	17° 2	2°54	25°18	28°30	25°25	7°39	9°38	20°42	11°56	26°39	26° 5	28°58	21°35
S 27	14 38 20	10°57'20	1A38	5° 0	26°15	29°15	25°32	7°41	9°36	20°44	11°57	26°40	26° 2	29° 5	21°38
S 28	14 42 17	11°54'59	16°33	7° 8	27°13	0°Y 1	25°39	7°44	9°33	20°47	11°58	26°41	25°59	29°11	21°40
M29	14 46 13	12°52'37	1mL40	9°18	28° 9	0°46	25°46	7°46	9°31	20°49	12° 0	26°R41	25°56	29°18	21°43
T 30	14 50 10	13°B50'13	16mL51	11°B28	29°II 6	1°Y31	25°B54	7°L49	9°M28	20°Y51	12°B 1	26°Y40	25°Y52	29°Y25	21°M45

Delta T = 37m46s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiest AG [10.1.2003]

SWISS EPHEMERIS for the year 888

MAY 888 C.E.JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
W 1	14 54 7	14♁47'48	1♂56	13♁38	0♁ 1	2♂16	26♁ 1	7♁52	9♁R26	20♂53	12♁ 2	26♁R39	25♂49	29♂31	21♁48									
T 2	14 58 3	15°45'23	16°46	15°50	0°57	3° 2	26° 9	7°54	9♁L23	20°55	12° 4	26♂Y37	25°46	29°38	21°50									
F 3	15 2 0	16°42'56	1♁15	18° 1	1°51	3°47	26°17	7°57	9°21	20°57	12° 5	26°34	25°43	29°45	21°52									
S 4	15 5 56	17°40'28	15°17	20°13	2°45	4°32	26°25	8° 0	9°18	20°59	12° 6	26°32	25°40	29°51	21°55									
S 5	15 9 53	18°37'59	28°52	22°24	3°39	5°17	26°33	8° 4	9°16	21° 1	12° 8	26°30	25°37	29°58	21°57									
M 6	15 13 49	19°35'29	12♁ 0	24°35	4°32	6° 2	26°42	8° 7	9°13	21° 3	12° 9	26°28	25°33	0♁ 5	21°59									
T 7	15 17 46	20°32'58	24°43	26°45	5°24	6°47	26°50	8°10	9°11	21° 5	12°11	26°D28	25°30	0°11	22° 2									
W 8	15 21 42	21°30'27	7♁ 6	28°54	6°16	7°32	26°58	8°13	9° 8	21° 7	12°12	26°29	25°27	0°18	22° 4									
T 9	15 25 39	22°27'54	19°14	1♁ 1	7° 7	8°17	27° 7	8°17	9° 6	21° 9	12°13	26°30	25°24	0°25	22° 6									
F 10	15 29 36	23°25'21	1♂10	3° 7	7°57	9° 1	27°16	8°20	9° 4	21°11	12°15	26°32	25°21	0°31	22° 8									
S 11	15 33 32	24°22'47	12°59	5°12	8°47	9°46	27°25	8°24	9° 1	21°13	12°16	26°34	25°17	0°38	22°10									
S 12	15 37 29	25°20'12	24°46	7°14	9°36	10°31	27°34	8°28	8°59	21°15	12°17	26°R34	25°14	0°44	22°12									
M13	15 41 25	26°17'36	6♁32	9°14	10°24	11°15	27°43	8°32	8°56	21°17	12°19	26°34	25°11	0°51	22°14									
T 14	15 45 22	27°15'00	18°23	11°12	11°12	12° 0	27°52	8°36	8°54	21°19	12°20	26°32	25° 8	0°58	22°16									
W15	15 49 18	28°12'23	0♁19	13° 8	11°58	12°45	28° 1	8°40	8°52	21°21	12°21	26°29	25° 5	1° 4	22°18									
T 16	15 53 15	29° 9'45	12°23	15° 1	12°44	13°29	28°10	8°44	8°49	21°23	12°22	26°24	25° 2	1°11	22°20									
F 17	15 57 11	0♁ 7'06	24°36	16°52	13°29	14°13	28°20	8°48	8°47	21°25	12°24	26°18	24°58	1°18	22°21									
S 18	16 1 8	1° 4'26	7♁ 0	18°41	14°13	14°58	28°29	8°52	8°45	21°27	12°25	26°12	24°55	1°24	22°23									
S 19	16 5 5	2° 1'45	19°36	20°27	14°56	15°42	28°39	8°57	8°43	21°28	12°26	26° 7	24°52	1°31	22°25									
M20	16 9 1	2°59'03	2♁26	22°10	15°38	16°26	28°49	9° 1	8°40	21°30	12°28	26° 2	24°49	1°38	22°26									
T 21	16 12 58	3°56'20	15°31	23°51	16°19	17°10	28°59	9° 6	8°38	21°32	12°29	25°59	24°46	1°44	22°28									
W22	16 16 54	4°53'37	28°54	25°29	16°59	17°55	29° 9	9°10	8°36	21°34	12°30	25°D58	24°43	1°51	22°30									
T 23	16 20 51	5°50'52	12♁35	27° 5	17°38	18°39	29°19	9°15	8°34	21°36	12°31	25°58	24°39	1°58	22°31									
F 24	16 24 47	6°48'06	26°35	28°38	18°15	19°23	29°29	9°20	8°32	21°37	12°33	25°59	24°36	2° 4	22°32									
S 25	16 28 44	7°45'19	10♁55	0♁ 9	18°52	20° 6	29°39	9°24	8°30	21°39	12°34	26° 0	24°33	2°11	22°34									
S 26	16 32 40	8°42'32	25°32	1°36	19°27	20°50	29°49	9°29	8°28	21°41	12°35	26°R 1	24°30	2°18	22°35									
M27	16 36 37	9°39'44	10♁L2	3° 1	20° 1	21°34	0♁ 0	9°34	8°26	21°42	12°36	26° 0	24°27	2°24	22°37									
T 28	16 40 34	10°36'55	25°19	4°24	20°33	22°18	0°10	9°39	8°24	21°44	12°38	25°57	24°23	2°31	22°38									
W29	16 44 30	11°34'06	10♁715	5°43	21° 5	23° 1	0°21	9°44	8°22	21°46	12°39	25°53	24°20	2°37	22°39									
T 30	16 48 27	12°31'16	25° 1	7° 0	21°34	23°45	0°31	9°49	8°20	21°47	12°40	25°46	24°17	2°44	22°40									
F 31	16 52 23	13♁28'27	9♁30	8♁14	22♁ 2	24♂28	0♁42	9♁55	8♁L18	21♂49	12♁41	25♂Y39	24♂Y14	2♁51	22♁41									

Delta T = 37m45s

Julian Calendar 1 May 888 == Greg. Calendar 5 May 888

JUNE 888 C.E.JC

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S 1	16 56 20	14♁25'36	23♁36	9♁25	22♁29	25♂12	0♁53	10♁ 0	8°R16	21♂50	12♁43	25°R32	24♂Y11	2♁57	22♁42									
S 2	17 0 16	15°22'46	7♁15	10°33	22°54	25°55	1° 3	10° 5	8♁L14	21°52	12°44	25♂Y25	24° 8	3° 4	22°43									
M 3	17 4 13	16°19'56	20°27	11°38	23°17	26°39	1°14	10°11	8°12	21°53	12°45	25°20	24° 4	3°11	22°44									
T 4	17 8 10	17°17'05	3♁13	12°40	23°39	27°22	1°25	10°16	8°11	21°55	12°46	25°18	24° 1	3°17	22°45									
W 5	17 12 6	18°14'15	15°38	13°39	23°59	28° 5	1°36	10°22	8° 9	21°56	12°47	25°D16	23°58	3°24	22°46									
T 6	17 16 3	19°11'24	27°45	14°34	24°17	28°48	1°48	10°28	8° 7	21°58	12°48	25°17	23°55	3°31	22°47									
F 7	17 19 59	20° 8'34	9♂Y41	15°26	24°33	29°31	1°59	10°33	8° 6	21°59	12°49	25°18	23°52	3°37	22°48									
S 8	17 23 56	21° 5'44	21°29	16°15	24°47	0♁14	2°10	10°39	8° 4	22° 0	12°51	25°R18	23°49	3°44	22°48									
S 9	17 27 52	22° 2'54	3♁16	17° 0	24°59	0°57	2°21	10°45	8° 2	22° 2	12°52	25°18	23°45	3°51	22°49									
M10	17 31 49	23° 0'04	15° 5	17°41	25°10	1°40	2°33	10°51	8° 1	22° 3	12°53	25°16	23°42	3°57	22°50									
T 11	17 35 45	23°57'14	27° 1	18°18	25°18	2°23	2°44	10°57	7°59	22° 4	12°54	25°12	23°39	4° 4	22°50									
W12	17 39 42	24°54'25	9♁ 6	18°51	25°23	3° 5	2°56	11° 3	7°58	22° 6	12°55	25° 5	23°36	4°11	22°51									
T 13	17 43 39	25°51'35	21°22	19°20	25°27	3°48	3° 8	11° 9	7°56	22° 7	12°56	24°56	23°33	4°17	22°51									
F 14	17 47 35	26°48'46	3♁50	19°45	25°R28	4°30	3°19	11°15	7°55	22° 8	12°57	24°46	23°29	4°24	22°52									
S 15	17 51 32	27°45'57	16°32	20° 6	25°27	5°13	3°31	11°21	7°54	22° 9	12°58	24°35	23°26	4°30	22°52									
S 16	17 55 28	28°43'07	29°26	20°22	25°24	5°55	3°43	11°27	7°52	22°10	12°59	24°24	23°23	4°37	22°52									
M17	17 59 25	29°40'18	12♁32	20°33	25°18	6°38	3°55	11°34	7°51	22°11	13° 0	24°15	23°20	4°44	22°52									
T 18	18 3 21	0♁37'29	25°51	20°40	25°10	7°20	4° 6	11°40	7°50	22°13	13° 1	24° 8	23°17	4°50	22°53									
W19	18 7 18	1°34'40	9♁22	20°R42	25° 0	8° 2	4°18	11°46	7°49	22°14	13° 2	24° 4	23°14	4°57	22°53									
T 20	18 11 14	2°31'50	23° 4	20°40	24°47	8°44	4°30	11°53	7°48	22°15	13° 3	24° 2	23°10	5° 4	22°53									
F 21	18 15 11	3°29'01	7♁ 0	20°32	24°32	9°26	4°42	11°59	7°47	22°16	13° 4	24°D 2	23° 7	5°10	22°R53									
S 22	18 19 8	4°26'12	21° 7	20°20	24°14	10° 8	4°54	12° 6	7°46	22°17	13° 5	24°R 2	23° 4	5°17	22°53									
S 23	18 23 4	5°23'22	5♁L26	20° 3	23°54	10°50	5° 7	12°12	7°45	22°18	13° 6	24° 2	23° 1	5°24	22°53									
M24	18 27 1	6°20'33	19°55	19°42	23°32	11°31	5°19	12°19	7°44	22°18	13° 6	24° 0	22°58	5°30	22°53									
T 25	18 30 57	7°17'45	4♁30	19°16	23° 8	12°13	5°31	12°26	7°43	22°19	13° 7	23°55	22°55	5°37	22°52									
W26	18 34 54	8°14'56	19° 5	18°47	22°41	12°54	5°43	12°32	7°42	22°20	13° 8	23°48	22°51	5°44	22°52									
T 27	18 38 50	9°12'08	3♁33	18°14	22°13	13°36	5°5																	

SWISS EPHEMERIS for the year 888

JULY 888 C.E.JC

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M 1	18 54 37	13°58'17	28°31'17	15°R37	20°R 4	16°B21	6°L45	13°L 6	7°R39	22°V24	13°B12	22°R58	22°V35	6°B17	22°R50									
T 2	18 58 33	13°58'17	11°K17	14°E55	19°E29	17° 2	6°58	13°13	7°M38	22°25	13°13	22°V52	22°32	6°24	22°K50									
W 3	19 2 30	14°55'33	23°43	14°13	18°52	17°43	7°10	13°20	7°38	22°25	13°14	22°48	22°29	6°30	22°49									
T 4	19 6 26	15°52'50	5°V51	13°32	18°16	18°24	7°23	13°27	7°37	22°26	13°14	22°47	22°26	6°37	22°48									
F 5	19 10 23	16°50'08	17°47	12°52	17°38	19° 5	7°36	13°34	7°37	22°26	13°15	22°46	22°23	6°43	22°48									
S 6	19 14 19	17°47'27	29°37	12°15	17° 1	19°45	7°48	13°41	7°37	22°27	13°16	22°46	22°20	6°50	22°47									
S 7	19 18 16	18°44'47	11°B25	11°41	16°24	20°26	8° 1	13°49	7°36	22°27	13°16	22°45	22°16	6°57	22°46									
M 8	19 22 12	19°42'09	23°17	11°11	15°47	21° 6	8°14	13°56	7°36	22°28	13°17	22°43	22°13	7° 3	22°45									
T 9	19 26 9	20°39'31	5°II18	10°45	15°11	21°47	8°26	14° 3	7°36	22°28	13°18	22°37	22°10	7°10	22°44									
W10	19 30 6	21°36'55	17°31	10°24	14°35	22°27	8°39	14°10	7°36	22°29	13°18	22°29	22° 7	7°17	22°43									
T11	19 34 2	22°34'20	29°59	10° 8	14° 1	23° 7	8°52	14°17	7°36	22°29	13°19	22°19	22° 4	7°23	22°42									
F12	19 37 59	23°31'45	12°E43	9°59	13°27	23°47	9° 5	14°25	7°D36	22°29	13°20	22° 7	22° 1	7°30	22°41									
S13	19 41 55	24°29'12	25°44	9°D55	12°55	24°27	9°18	14°32	7°36	22°30	13°20	21°54	21°57	7°37	22°40									
S14	19 45 52	25°26'40	9°L 0	9°57	12°25	25° 7	9°31	14°39	7°36	22°30	13°21	21°42	21°54	7°43	22°39									
M15	19 49 48	26°24'09	22°29	10° 6	11°57	25°47	9°44	14°47	7°36	22°30	13°21	21°31	21°51	7°50	22°38									
T16	19 53 45	27°21'38	6°M 9	10°22	11°30	26°27	9°56	14°54	7°36	22°30	13°22	21°23	21°48	7°57	22°37									
W17	19 57 42	28°19'09	19°57	10°45	11° 5	27° 6	10° 9	15° 1	7°36	22°31	13°22	21°18	21°45	8° 3	22°35									
T18	20 1 38	29°16'40	3°L52	11°14	10°43	27°46	10°22	15° 9	7°37	22°31	13°23	21°15	21°41	8°10	22°34									
F19	20 5 35	0°L14'13	17°53	11°50	10°22	28°25	10°35	15°16	7°37	22°31	13°23	21°D14	21°38	8°17	22°33									
S20	20 9 31	1°11'46	1°M58	12°32	10° 4	29° 5	10°48	15°24	7°37	22°31	13°23	21°R14	21°35	8°23	22°31									
S21	20 13 28	2° 9'20	16° 7	13°21	9°48	29°44	11° 1	15°31	7°38	22°31	13°24	21°14	21°32	8°30	22°30									
M22	20 17 24	3° 6'55	0°V19	14°17	9°35	0°II23	11°14	15°38	7°38	22°R31	13°24	21°12	21°29	8°37	22°28									
T23	20 21 21	4° 4'31	14°31	15°19	9°24	1° 2	11°27	15°46	7°39	22°31	13°25	21° 7	21°26	8°43	22°27									
W24	20 25 17	5° 2'09	28°41	16°27	9°15	1°41	11°40	15°53	7°40	22°31	13°25	21° 0	21°22	8°50	22°25									
T25	20 29 14	5°59'47	12°B44	17°41	9° 9	2°19	11°53	16° 1	7°40	22°31	13°25	20°50	21°19	8°57	22°24									
F26	20 33 11	6°57'27	26°37	19° 0	9° 5	2°58	12° 7	16° 9	7°41	22°31	13°25	20°39	21°16	9° 3	22°22									
S27	20 37 7	7°55'08	10°L15	20°25	9°D 3	3°37	12°20	16°16	7°42	22°31	13°26	20°28	21°13	9°10	22°20									
S28	20 41 4	8°52'50	23°35	21°55	9° 4	4°15	12°33	16°24	7°42	22°30	13°26	20°17	21°10	9°16	22°18									
M29	20 45 0	9°50'34	6°K35	23°29	9° 7	4°53	12°46	16°31	7°43	22°30	13°26	20° 8	21° 7	9°23	22°17									
T30	20 48 57	10°48'19	19°15	25° 8	9°12	5°32	12°59	16°39	7°44	22°30	13°26	20° 2	21° 3	9°30	22°15									
W31	20 52 53	11°L46'06	1°V38	26°E50	9°E20	6°II10	13°L12	16°L46	7°M45	22°V30	13°B27	19°V58	21°V 0	9°B36	22°K13									

Delta T = 37m44s

Julian Calendar 1 July 888 == Greg. Calendar 5 July 888

AUGUST 888 C.E.JC

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
T 1	20 56 50	12°L43'55	13°V45	28°E36	9°E29	6°II48	13°L25	16°L54	7°M46	22°R29	13°B27	19°R57	20°V57	9°B43	22°R11									
F 2	21 0 46	13°41'45	25°40	0°L25	9°41	7°25	13°38	17° 1	7°47	22°V29	13°27	19°D57	20°54	9°50	22°K 9									
S 3	21 4 43	14°39'37	7°B30	2°16	9°55	8° 3	13°51	17° 9	7°48	22°29	13°27	19°V57	20°51	9°56	22° 7									
S 4	21 8 40	15°37'32	19°19	4°10	10°11	8°41	14° 4	17°17	7°49	22°28	13°27	19°R57	20°47	10° 3	22° 5									
M 5	21 12 36	16°35'28	1°II13	6° 5	10°29	9°18	14°17	17°24	7°51	22°28	13°27	19°56	20°44	10°10	22° 3									
T 6	21 16 33	17°33'26	13°16	8° 1	10°49	9°56	14°30	17°32	7°52	22°27	13°27	19°53	20°41	10°16	22° 1									
W 7	21 20 29	18°31'25	25°34	9°58	11°10	10°33	14°44	17°39	7°53	22°27	13°27	19°47	20°38	10°23	21°59									
T 8	21 24 26	19°29'27	8°E 9	11°56	11°33	11°10	14°57	17°47	7°55	22°26	13°27	19°40	20°35	10°30	21°56									
F 9	21 28 22	20°27'31	21° 5	13°54	11°58	11°47	15°10	17°55	7°56	22°26	13°R27	19°31	20°32	10°36	21°54									
S10	21 32 19	21°25'36	4°L21	15°52	12°25	12°24	15°23	18° 2	7°58	22°25	13°27	19°21	20°28	10°43	21°52									
S11	21 36 15	22°23'43	17°57	17°50	12°53	13° 1	15°36	18°10	7°59	22°24	13°27	19°11	20°25	10°50	21°50									
M12	21 40 12	23°21'52	1°M49	19°48	13°23	13°37	15°49	18°17	8° 1	22°24	13°27	19° 3	20°22	10°56	21°47									
T13	21 44 9	24°20'03	15°54	21°45	13°54	14°14	16° 2	18°25	8° 2	22°23	13°27	18°57	20°19	11° 3	21°45									
W14	21 48 5	25°18'15	0°L 8	23°41	14°26	14°50	16°15	18°33	8° 4	22°22	13°27	18°53	20°16	11°10	21°43									
T15	21 52 2	26°16'29	14°25	25°37	15° 0	15°26	16°28	18°40	8° 6	22°22	13°27	18°D51	20°12	11°16	21°40									
F16	21 55 58	27°14'44	28°42	27°31	15°36	16° 2	16°41	18°48	8° 7	22°21	13°27	18°52	20° 9	11°23	21°38									
S17	21 59 55	28°13'01	12°M57	29°25	16°12	16°38	16°54	18°55	8° 9	22°20	13°27	18°53	20° 6	11°30	21°35									
S18	22 3 51	29°11'20	27° 7	1°M17	16°50	17°13	17° 7	19° 3	8°11	22°19	13°27	18°R53	20° 3	11°36	21°33									
M19	22 7 48	0°M 9'40	11°V11	3° 9	17°29	17°49	17°20	19°10	8°13	22°18	13°26	18°53	20° 0	11°43	21°30									
T20	22 11 44	1° 8'02	25° 8	4°59	18° 9	18°24	17°33	19°18	8°15	22°17	13°26	18°50	19°57	11°50	21°28									
W21	22 15 41	2° 6'25	8°B56	6°49	18°50	19° 0	17°45	19°25	8°17	22°16	13°26	18°46	19°53	11°56	21°25									
T22	22 19 38	3° 4'51	22°35	8°37	19°32	19°35	17°58	19°33	8°19	22°15	13°26	18°40	19°50	12° 3	21°23									
F23	22 23 34	4° 3'17	6°L 2	10°24	20°15	20°10	18°11	19°40	8°21	22°14	13°25	18°32	19°47	12° 9	21°20									
S24	22 27 31	5° 1'46	19°15	12°10	20°59	20°45	18°24	19°48	8°23	22°13	13°25	18°25	19°44	12°16	21°18									
S25	22 31 27	6° 0'16	2°K14	13°55	21°44	21°19	18°37	19°55	8°25	22°12	13°25	18°18	19°41	12°23	21°15									
M26	22 35 24	6°58'48	14°58	15°39	22°30	21°54	18°50	20° 2	8°27	22°11	13°24	18°12	19°38	12°29	21°12									
T27	22 39 20	7°57'23	27°2																					

SWISS EPHEMERIS for the year 888

SEPTEMBER 888 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	22 59 3	12♍50'46	27♌15	25♍41	27♄24	25♂17	20♌5	20♌46	8♍41	22°R 5	13°R22	18°Y10	19°Y18	13♌9	20°R56								
M 2	23 3 0	13°49'34	9♂8	27°18	28°16	25°50	20°18	20°53	8°44	22°Y 3	13♌21	18°R11	19°15	13°16	20°H54								
T 3	23 6 56	14°48'24	21°11	28°54	29° 8	26°23	20°30	21° 1	8°46	22° 2	13°21	18°11	19°12	13°23	20°51								
W 4	23 10 53	15°47'16	3♄28	0♄29	0♌1	26°56	20°43	21° 8	8°49	22° 1	13°20	18°10	19° 9	13°29	20°48								
T 5	23 14 49	16°46'11	16° 5	2° 3	0°55	27°29	20°55	21°15	8°51	21°59	13°20	18° 7	19° 6	13°36	20°46								
F 6	23 18 46	17°45'08	29° 3	3°37	1°49	28° 1	21° 8	21°22	8°54	21°58	13°19	18° 3	19° 3	13°43	20°43								
S 7	23 22 42	18°44'07	12♌26	5° 9	2°44	28°34	21°20	21°29	8°57	21°57	13°19	17°58	18°59	13°49	20°40								
S 8	23 26 39	19°43'08	26°12	6°40	3°39	29° 6	21°32	21°36	8°59	21°55	13°18	17°54	18°56	13°56	20°37								
M 9	23 30 36	20°42'12	10♍21	8°11	4°35	29°38	21°45	21°43	9° 2	21°54	13°17	17°50	18°53	14° 3	20°35								
T 10	23 34 32	21°41'17	24°48	9°40	5°32	0♄9	21°57	21°50	9° 5	21°53	13°17	17°47	18°50	14° 9	20°32								
W11	23 38 29	22°40'25	9♄26	11° 9	6°29	0°41	22° 9	21°57	9° 8	21°51	13°16	17°46	18°47	14°16	20°29								
T 12	23 42 25	23°39'34	24°10	12°37	7°26	1°12	22°21	22° 4	9°11	21°50	13°15	17°D46	18°44	14°23	20°26								
F 13	23 46 22	24°38'46	8♍52	14° 4	8°24	1°43	22°33	22°11	9°14	21°48	13°15	17°47	18°40	14°29	20°24								
S 14	23 50 18	25°38'00	23°27	15°30	9°23	2°14	22°45	22°17	9°16	21°47	13°14	17°48	18°37	14°36	20°21								
S 15	23 54 15	26°37'15	7♌50	16°55	10°22	2°44	22°57	22°24	9°19	21°45	13°13	17°49	18°34	14°43	20°18								
M16	23 58 11	27°36'32	21°58	18°19	11°21	3°15	23° 9	22°31	9°22	21°44	13°13	17°R50	18°31	14°49	20°16								
T 17	0 2 8	28°35'52	5♌51	19°42	12°21	3°45	23°21	22°38	9°25	21°42	13°12	17°50	18°28	14°56	20°13								
W18	0 6 5	29°35'12	19°27	21° 4	13°21	4°15	23°32	22°44	9°28	21°41	13°11	17°49	18°24	15° 3	20°10								
T 19	0 10 1	0♄34'35	2♄47	22°25	14°22	4°44	23°44	22°51	9°32	21°39	13°10	17°47	18°21	15° 9	20° 8								
F 20	0 13 58	1°34'00	15°52	23°45	15°23	5°14	23°56	22°57	9°35	21°38	13°10	17°45	18°18	15°16	20° 5								
S 21	0 17 54	2°33'26	28°43	25° 4	16°25	5°43	24° 7	23° 4	9°38	21°36	13° 9	17°43	18°15	15°23	20° 2								
S 22	0 21 51	3°32'54	11♌21	26°21	17°27	6°12	24°19	23°10	9°41	21°35	13° 8	17°41	18°12	15°29	20° 0								
M23	0 25 47	4°32'24	23°46	27°37	18°29	6°40	24°30	23°16	9°44	21°33	13° 7	17°39	18° 9	15°36	19°57								
T 24	0 29 44	5°31'56	6♍0	28°52	19°31	7° 9	24°41	23°23	9°47	21°31	13° 6	17°38	18° 5	15°43	19°54								
W25	0 33 40	6°31'30	18° 5	0♍5	20°34	7°37	24°53	23°29	9°51	21°30	13° 5	17°D38	18° 2	15°49	19°52								
T 26	0 37 37	7°31'07	0♌1	1°16	21°38	8° 4	25° 4	23°35	9°54	21°28	13° 4	17°38	17°59	15°56	19°49								
F 27	0 41 33	8°30'45	11°53	2°26	22°41	8°32	25°15	23°41	9°57	21°27	13° 4	17°39	17°56	16° 3	19°47								
S 28	0 45 30	9°30'26	23°41	3°34	23°45	8°59	25°26	23°47	10° 0	21°25	13° 3	17°40	17°53	16° 9	19°44								
S 29	0 49 27	10°30'09	5♂29	4°40	24°49	9°26	25°37	23°53	10° 4	21°23	13° 2	17°41	17°49	16°16	19°41								
M30	0 53 23	11°29'55	17♂22	5♍43	25♌54	9♄53	25♌48	23♌59	10♍7	21°Y22	13♌1	17°Y41	17°Y46	16♌23	19♌39								

Delta T = 37m43s

Julian Calendar 1 Sept. 888 == Greg. Calendar 5 Sept. 888

OCTOBER 888 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	0 57 20	12♄29'42	29♂24	6♍43	26♌59	10♄19	25♌59	24♌5	10♍11	21°R20	13°R 0	17°Y42	17°Y43	16♌29	19°R37								
W 2	1 1 16	13°29'32	11♄38	7°41	28° 4	10°45	26° 9	24°11	10°14	21°Y18	12♌59	17°R42	17°40	16°36	19°H34								
T 3	1 5 13	14°29'24	24°10	8°36	29° 9	11°11	26°20	24°17	10°17	21°17	12°58	17°42	17°37	16°43	19°32								
F 4	1 9 9	15°29'19	7♌4	9°27	0♍15	11°36	26°31	24°23	10°21	21°15	12°57	17°42	17°34	16°49	19°29								
S 5	1 13 6	16°29'15	20°23	10°15	1°21	12° 1	26°41	24°28	10°24	21°13	12°56	17°41	17°30	16°56	19°27								
S 6	1 17 2	17°29'14	4♍8	10°58	2°27	12°26	26°52	24°34	10°28	21°12	12°55	17°D41	17°27	17° 3	19°25								
M 7	1 20 59	18°29'15	18°19	11°36	3°34	12°50	27° 2	24°39	10°31	21°10	12°54	17°41	17°24	17° 9	19°22								
T 8	1 24 56	19°29'18	2♄55	12° 9	4°41	13°14	27°12	24°45	10°35	21° 8	12°53	17°41	17°21	17°16	19°20								
W 9	1 28 52	20°29'23	17°48	12°36	5°47	13°38	27°22	24°50	10°38	21° 7	12°52	17°R42	17°18	17°22	19°18								
T 10	1 32 49	21°29'30	2♍52	12°57	6°55	14° 1	27°32	24°55	10°42	21° 5	12°51	17°41	17°15	17°29	19°15								
F 11	1 36 45	22°29'39	17°58	13°11	8° 2	14°24	27°42	25° 1	10°45	21° 3	12°50	17°41	17°11	17°36	19°13								
S 12	1 40 42	23°29'50	2♌56	13°R17	9°10	14°46	27°52	25° 6	10°49	21° 1	12°49	17°41	17° 8	17°42	19°11								
S 13	1 44 38	24°30'03	17°40	13°15	10°17	15° 8	28° 2	25°11	10°53	21° 0	12°48	17°40	17° 5	17°49	19° 9								
M14	1 48 35	25°30'17	2♌3	13° 4	11°25	15°30	28°11	25°16	10°56	20°58	12°47	17°39	17° 2	17°56	19° 7								
T 15	1 52 31	26°30'32	16° 3	12°43	12°34	15°51	28°21	25°21	11° 0	20°56	12°46	17°39	16°59	18° 2	19° 5								
W16	1 56 28	27°30'50	29°39	12°13	13°42	16°12	28°30	25°26	11° 4	20°55	12°45	17°D38	16°55	18° 9	19° 3								
T 17	2 0 25	28°31'08	12♄52	11°33	14°51	16°32	28°40	25°30	11° 7	20°53	12°43	17°39	16°52	18°16	19° 1								
F 18	2 4 21	29°31'28	25°45	10°43	15°59	16°52	28°49	25°35	11°11	20°51	12°42	17°40	16°49	18°22	18°59								
S 19	2 8 18	0♍31'49	8♌21	9°44	17° 8	17°12	28°58	25°40	11°14	20°50	12°41	17°41	16°46	18°29	18°57								
S 20	2 12 14	1°32'12	20°42	8°37	18°18	17°31	29° 7	25°44	11°18	20°48	12°40	17°42	16°43	18°36	18°55								
M21	2 16 11	2°32'37	2°Y57	7°23	19°27	17°50	29°16	25°49	11°22	20°46	12°39	17°43	16°40	18°42	18°53								
T 22	2 20 7	3°33'03	14°53	6° 5	20°36	18° 8	29°25	25°53	11°26	20°45	12°38	17°R44	16°36	18°49	18°52								
W23	2 24 4	4°33'30	26°48	4°45	21°46	18°25	29°33	25°57	11°29	20°43	12°37	17°43	16°33	18°56	18°50								
T 24	2 28 0	5°34'00	8♌40	3°25	22°56	18°43	29°42	26° 1	11°33	20°42	12°36	17°42	16°30	19° 2	18°48								
F 25	2 31 57	6°34'30	20°29	2° 8	24° 6	18°59	29°50	26° 6	11°37	20°40	12°35	17°40	16°27	19° 9	18°47								
S 26	2 35 54	7°35'03	2♂18	0°56	25°16	19°15	29°58	26° 9	11°40	20°38	12°33	17°37	16°24	19°16	18°45								
S 27	2 39 50	8°35'37	14° 9	29♄52	26°26	19°31	0♍6	26°13	11°44	20°37	12°32	17°33	16°21	19°22	18°44								
M28	2 43 47	9°36'13	26° 5	28°58	27°37	19°46	0°15	26°17	11°48	20°35	12°31	17°30	16°17	19°29	18°42								
T 29	2 47 43	10°36'51	8♄9	28°14	28°47	20° 1	0°22	26°21	11°52	20°34	12°30	17°26	16°14	19°36	18°41								
W30	2 51 40	11°37'31	20°23	27°42	29°58	20°14	0°30	26°25	11°55	20°32	12°29	17°24	16°11	19°43	18°39								
T 31	2 55 36	12♍38'12	2♌52	27♄22	1♄9	20♄28	0♍38	26♌28	11♍59	20°Y30	12♌28	17°Y22	16°Y 8	19♌49	18♌38								

Delta T = 37m42s

Julian Calendar

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SWISS EPHEMERIS for the year 888

NOVEMBER 888 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
F 1	2 59 33	13♌38'54	15♌39	27♏13	2♊20	20♉41	0♎45	26♌32	12♌ 3	20°R29	12°R27	17°Y22	16°Y 5	19♉56	18°R37								
S 2	3 3 29	14°39'39	28°49	27°15	3°31	20°53	0°53	26°35	12° 6	20°Y27	12♉26	17°22	16° 1	20° 3	18♈35								
S 3	3 7 26	15°40'25	12♎23	27°27	4°42	21° 4	1° 0	26°38	12°10	20°26	12°24	17°24	15°58	20° 9	18°34								
M 4	3 11 23	16°41'13	26°24	27°50	5°53	21°15	1° 7	26°41	12°14	20°24	12°23	17°25	15°55	20°16	18°33								
T 5	3 15 19	17°42'02	10♌52	28°21	7° 5	21°26	1°14	26°44	12°18	20°23	12°22	17°R26	15°52	20°23	18°32								
W 6	3 19 16	18°42'53	25°43	29° 0	8°16	21°35	1°21	26°47	12°21	20°22	12°21	17°26	15°49	20°29	18°31								
T 7	3 23 12	19°43'45	10♌51	29°46	9°28	21°44	1°27	26°50	12°25	20°20	12°20	17°25	15°46	20°36	18°30								
F 8	3 27 9	20°44'39	26° 7	0♌38	10°40	21°53	1°34	26°53	12°29	20°19	12°19	17°21	15°42	20°43	18°29								
S 9	3 31 5	21°45'33	11♌22	1°35	11°52	22° 0	1°40	26°56	12°32	20°17	12°18	17°17	15°39	20°49	18°28								
S 10	3 35 2	22°46'29	26°24	2°37	13° 4	22° 7	1°46	26°58	12°36	20°16	12°17	17°11	15°36	20°56	18°27								
M11	3 38 58	23°47'26	11♉ 4	3°44	14°16	22°14	1°52	27° 1	12°40	20°15	12°15	17° 6	15°33	21° 3	18°26								
T 12	3 42 55	24°48'24	25° 8	4°54	15°28	22°19	1°58	27° 3	12°43	20°13	12°14	17° 1	15°30	21° 9	18°26								
W13	3 46 52	25°49'22	9♌ 3	6° 6	16°40	22°24	2° 4	27° 5	12°47	20°12	12°13	16°58	15°27	21°16	18°25								
T 14	3 50 48	26°50'21	22°20	7°22	17°53	22°28	2° 9	27° 7	12°51	20°11	12°12	16°D57	15°23	21°23	18°24								
F 15	3 54 45	27°51'21	5♌11	8°40	19° 5	22°31	2°15	27° 9	12°54	20° 9	12°11	16°57	15°20	21°29	18°24								
S 16	3 58 41	28°52'22	17°41	10° 0	20°18	22°34	2°20	27°11	12°58	20° 8	12°10	16°58	15°17	21°36	18°23								
S 17	4 2 38	29°53'23	29°54	11°21	21°30	22°36	2°25	27°13	13° 2	20° 7	12° 9	17° 0	15°14	21°43	18°23								
M18	4 6 34	0♌54'24	11°Y55	12°44	22°43	22°37	2°30	27°15	13° 5	20° 6	12° 8	17°R 1	15°11	21°49	18°22								
T 19	4 10 31	1°55'27	23°49	14° 8	23°55	22°R37	2°35	27°16	13° 9	20° 5	12° 7	17° 1	15° 7	21°56	18°22								
W20	4 14 27	2°56'30	5♉38	15°33	25° 8	22°37	2°39	27°18	13°12	20° 3	12° 6	16°59	15° 4	22° 3	18°22								
T 21	4 18 24	3°57'33	17°26	17° 0	26°21	22°35	2°44	27°19	13°16	20° 2	12° 5	16°54	15° 1	22° 9	18°22								
F 22	4 22 21	4°58'38	29°16	18°27	27°34	22°33	2°48	27°21	13°19	20° 1	12° 4	16°48	14°58	22°16	18°21								
S 23	4 26 17	5°59'43	11♌ 9	19°54	28°47	22°30	2°52	27°22	13°23	20° 0	12° 3	16°39	14°55	22°23	18°21								
S 24	4 30 14	7° 0'49	23° 7	21°23	0♌ 0	22°26	2°56	27°23	13°26	19°59	12° 2	16°29	14°52	22°29	18°21								
M25	4 34 10	8° 1'56	5♉11	22°51	1°13	22°22	3° 0	27°24	13°30	19°58	12° 1	16°19	14°48	22°36	18°D21								
T 26	4 38 7	9° 3'03	17°23	24°21	2°27	22°16	3° 3	27°25	13°33	19°57	12° 0	16° 9	14°45	22°43	18°21								
W27	4 42 3	10° 4'11	29°45	25°51	3°40	22°10	3° 7	27°25	13°37	19°56	11°59	16° 0	14°42	22°49	18°21								
T 28	4 46 0	11° 5'20	12♌17	27°21	4°53	22° 3	3°10	27°26	13°40	19°55	11°58	15°54	14°39	22°56	18°21								
F 29	4 49 57	12° 6'29	25° 4	28°51	6° 7	21°55	3°13	27°26	13°44	19°54	11°57	15°50	14°36	23° 3	18°22								
S 30	4 53 53	13♌ 7'39	8♎ 9	0♌22	7♌20	21♉46	3♎15	27♌27	13♌47	19°Y53	11♉56	15°D48	14°Y33	23♉ 9	18♈22								

Delta T = 37m41s

Julian Calendar 1 Nov. 888 == Greg. Calendar 5 Nov. 888

DECEMBER 888 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	4 57 50	14♌ 8'50	21♎33	1♌53	8♌34	21°R37	3♎18	27♌27	13♌50	19°R53	11°R55	15°Y48	14°Y29	23♉16	18♈22								
M 2	5 1 46	15°10'02	5♌20	3°24	9°47	21♉26	3°21	27°27	13°54	19°Y52	11♉54	15°49	14°26	23°23	18°23								
T 3	5 5 43	16°11'14	19°30	4°56	11° 1	21°15	3°23	27°R27	13°57	19°51	11°53	15°R49	14°23	23°29	18°23								
W 4	5 9 39	17°12'26	4♌ 5	6°28	12°14	21° 3	3°25	27°27	14° 0	19°50	11°52	15°48	14°20	23°36	18°24								
T 5	5 13 36	18°13'40	18°59	8° 0	13°28	20°50	3°27	27°27	14° 3	19°49	11°51	15°44	14°17	23°43	18°24								
F 6	5 17 32	19°14'53	4♌ 6	9°33	14°42	20°36	3°28	27°27	14° 7	19°49	11°50	15°38	14°13	23°49	18°25								
S 7	5 21 29	20°16'08	19°18	11° 6	15°56	20°22	3°30	27°26	14°10	19°48	11°49	15°29	14°10	23°56	18°25								
S 8	5 25 26	21°17'22	4♉22	12°39	17° 9	20° 7	3°31	27°26	14°13	19°48	11°49	15°18	14° 7	24° 3	18°26								
M 9	5 29 22	22°18'36	19°11	14°12	18°23	19°51	3°32	27°25	14°16	19°47	11°48	15° 7	14° 4	24° 9	18°27								
T 10	5 33 19	23°19'50	3♌35	15°46	19°37	19°34	3°33	27°25	14°19	19°46	11°47	14°58	14° 1	24°16	18°28								
W11	5 37 15	24°21'04	17°29	17°20	20°51	19°17	3°34	27°24	14°22	19°46	11°46	14°50	13°58	24°23	18°29								
T 12	5 41 12	25°22'18	0♌54	18°54	22° 5	18°58	3°35	27°23	14°25	19°45	11°45	14°45	13°54	24°30	18°29								
F 13	5 45 8	26°23'31	13°51	20°29	23°19	18°40	3°35	27°22	14°28	19°45	11°45	14°42	13°51	24°36	18°30								
S 14	5 49 5	27°24'44	26°23	22° 4	24°33	18°20	3°R35	27°21	14°31	19°44	11°44	14°D42	13°48	24°43	18°31								
S 15	5 53 1	28°25'56	8°Y36	23°39	25°47	18° 0	3°35	27°19	14°34	19°44	11°43	14°R42	13°45	24°50	18°33								
M16	5 56 58	29°27'08	20°36	25°15	27° 1	17°40	3°35	27°18	14°37	19°44	11°42	14°42	13°42	24°56	18°34								
T 17	6 0 55	0♉28'19	2♉27	26°51	28°15	17°19	3°34	27°16	14°40	19°43	11°42	14°40	13°39	25° 3	18°35								
W18	6 4 51	1°29'30	14°14	28°27	29°29	16°57	3°34	27°15	14°43	19°43	11°41	14°37	13°35	25°10	18°36								
T 19	6 8 48	2°30'41	26° 3	0♉ 4	0♌43	16°35	3°33	27°13	14°46	19°43	11°40	14°30	13°32	25°16	18°37								
F 20	6 12 44	3°31'51	7♌55	1°42	1°58	16°13	3°32	27°11	14°49	19°43	11°40	14°21	13°29	25°23	18°39								
S 21	6 16 41	4°33'01	19°54	3°20	3°12	15°50	3°31	27°10	14°51	19°42	11°39	14° 9	13°26	25°30	18°40								
S 22	6 20 37	5°34'10	2♉ 1	4°58	4°26	15°27	3°29	27° 8	14°54	19°42	11°38	13°55	13°23	25°36	18°42								
M23	6 24 34	6°35'18	14°18	6°37	5°40	15° 4	3°28	27° 5	14°57	19°42	11°38	13°40	13°19	25°43	18°43								
T 24	6 28 30	7°36'27	26°44	8°16	6°54	14°41	3°26	27° 3	14°59	19°42	11°37	13°26	13°16	25°50	18°45								
W25	6 32 27	8°37'35	9♌21	9°56	8° 9	14°17	3°24	27° 1	15° 2	19°42	11°37	13°14	13°13	25°56	18°46								
T 26	6 36 24	9°38'42	22° 8	11°36	9°23	13°53	3°22	26°59	15° 5	19°D42	11°36	13° 4	13°10	26° 3	18°48								
F 27	6 40 20	10°39'49	5♎ 6	13°17	10°37	13°29	3°20	26°56	15° 7	19°42	11°36	12°57	13° 7	26°10	18°50								
S 28	6 44 17	11°40'55	18°16	14°58	11°52	13° 5	3°17	26°54	15° 9	19°42	11°35	12°54	13° 4	26°16	18°51								
S 29	6 48 13	12°42'01	1♌40	16°40	13° 6	12°41	3°14	26°51	15°12	19°42	11°35	12°52	13° 0	26°23	18°53								
M30	6 52 10	13°43'07	15°21	18°22	14°20	12°17	3°11	26°48	15°14	19°42	11°34	12°52	12°57	26°30	18°55								
T 31	6 56 6	14♌44'12	29♌18	20♉ 5	15♌35	11♉53	3♎ 8	26♌45	15♌17	19°Y42	11♉34	12°Y52	12°Y54	26♉36	18♈57								

Delta T = 37m41s

Julian Calendar

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