

SWISS EPHEMERIS for the year 843

JANUARY 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
M 1	6 56 41	14°54'54	2♂ 9	21♂ 9	19♂15	16♂53	15♂21	19♂ 7	14♂ 3	9♂53	26♂43	2°R 9	2♂36	15♂ 0	1♂49	
T 2	7 0 37	15°55'59	15°22	22°52	20°31	17°40	15°25	19°14	14° 4	9°55	26°43	1♂59	2°33	15° 6	1°50	
W 3	7 4 34	16°57'03	28°23	24°36	21°46	18°27	15°30	19°21	14° 4	9°57	26°44	1°46	2°30	15°13	1°51	
T 4	7 8 31	17°58'06	11♂13	26°21	23° 1	19°14	15°34	19°28	14° 5	10° 0	26°44	1°33	2°26	15°20	1°53	
F 5	7 12 27	18°59'08	23°49	28° 5	24°17	20° 1	15°38	19°35	14° 6	10° 2	26°45	1°20	2°23	15°26	1°54	
S 6	7 16 24	20° 0'09	6♂13	29°49	25°32	20°49	15°42	19°42	14° 7	10° 4	26°46	1° 7	2°20	15°33	1°56	
S 7	7 20 20	21° 1'09	18°24	1♂34	26°47	21°36	15°46	19°50	14° 8	10° 6	26°46	0°58	2°17	15°40	1°57	
M 8	7 24 17	22° 2'08	0♂24	3°18	28° 3	22°23	15°50	19°57	14° 9	10° 9	26°47	0°50	2°14	15°46	1°59	
T 9	7 28 13	23° 3'05	12°16	5° 2	29°18	23°10	15°53	20° 4	14°10	10°11	26°48	0°46	2°11	15°53	2° 1	
W10	7 32 10	24° 4'01	24° 3	6°45	0♂33	23°58	15°56	20°11	14°11	10°13	26°49	0°44	2° 7	16° 0	2° 2	
T11	7 36 6	25° 4'56	5♂50	8°28	1°48	24°45	15°59	20°18	14°12	10°15	26°49	0°D44	2° 4	16° 6	2° 4	
F12	7 40 3	26° 5'50	17°41	10° 9	3° 4	25°32	16° 2	20°25	14°13	10°17	26°50	0°45	2° 1	16°13	2° 6	
S13	7 44 0	27° 6'42	29°43	11°49	4°19	26°19	16° 5	20°32	14°15	10°20	26°51	0°R45	1°58	16°20	2° 8	
S14	7 47 56	28° 7'32	12♂ 1	13°27	5°34	27° 7	16° 7	20°40	14°16	10°22	26°52	0°44	1°55	16°26	2°10	
M15	7 51 53	29° 8'21	24°39	15° 3	6°49	27°54	16°10	20°47	14°17	10°24	26°53	0°41	1°51	16°33	2°12	
T16	7 55 49	0♂ 9'09	7♂43	16°36	8° 4	28°41	16°12	20°54	14°19	10°26	26°54	0°35	1°48	16°40	2°14	
W17	7 59 46	1° 9'55	21°14	18° 6	9°19	29°29	16°14	21° 1	14°20	10°28	26°54	0°27	1°45	16°46	2°16	
T18	8 3 42	2°10'39	5♂12	19°32	10°35	0♂16	16°16	21° 8	14°22	10°31	26°55	0°18	1°42	16°53	2°18	
F19	8 7 39	3°11'22	19°35	20°53	11°50	1° 3	16°17	21°15	14°23	10°33	26°56	0° 9	1°39	16°59	2°20	
S20	8 11 35	4°12'03	4♂18	22° 9	13° 5	1°51	16°19	21°22	14°25	10°35	26°57	0° 0	1°36	17° 6	2°22	
S21	8 15 32	5°12'43	19°12	23°19	14°20	2°38	16°20	21°29	14°27	10°37	26°58	29♂52	1°32	17°13	2°25	
M22	8 19 29	6°13'22	4♂ 8	24°23	15°35	3°25	16°21	21°36	14°28	10°39	26°59	29°47	1°29	17°19	2°27	
T23	8 23 25	7°13'59	18°58	25°18	16°50	4°13	16°22	21°43	14°30	10°41	27° 0	29°45	1°26	17°26	2°29	
W24	8 27 22	8°14'35	3♂36	26° 6	18° 5	5° 0	16°23	21°50	14°32	10°43	27° 1	29°D44	1°23	17°33	2°32	
T25	8 31 18	9°15'10	17°57	26°45	19°20	5°47	16°23	21°57	14°34	10°45	27° 2	29°45	1°20	17°39	2°34	
F26	8 35 15	10°15'43	2♂ 0	27°15	20°35	6°35	16°23	22° 4	14°35	10°47	27° 3	29°46	1°17	17°46	2°36	
S27	8 39 11	11°16'15	15°44	27°35	21°50	7°22	16°R23	22°11	14°37	10°49	27° 4	29°R46	1°13	17°53	2°39	
S28	8 43 8	12°16'46	29° 9	27°R44	23° 5	8°10	16°23	22°18	14°39	10°51	27° 5	29°45	1°10	17°59	2°42	
M29	8 47 4	13°17'15	12♂19	27°44	24°20	8°57	16°23	22°24	14°41	10°53	27° 6	29°41	1° 7	18° 6	2°44	
T30	8 51 1	14°17'44	25°14	27°33	25°35	9°44	16°23	22°31	14°43	10°55	27° 8	29°36	1° 4	18°13	2°47	
W31	8 54 58	15°18'10	7♂55	27°12	26°50	10°32	16°22	22°38	14°45	10°57	27° 9	29°♂28	1♂ 1	18°19	2°49	

Delta T = 43m46s Julian Calendar 1 Jan. 843 == Greg. Calendar 5 Jan. 843

FEBRUARY 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
T 1	8 58 54	16°18'35	20♂25	26°R42	28♂ 5	11♂19	16°R21	22♂45	14°48	10♂59	27♂10	29°R20	0♂57	18♂26	2°45	
F 2	9 2 51	17°18'59	2♂45	26♂ 4	29°19	12° 6	16♂20	22°52	14°50	11° 1	27°11	29♂12	0°54	18°33	2°55	
S 3	9 6 47	18°19'20	14°54	25°17	0♂34	12°54	16°19	22°58	14°52	11° 3	27°12	29° 4	0°51	18°39	2°58	
S 4	9 10 44	19°19'40	26°55	24°25	1°49	13°41	16°17	23° 5	14°54	11° 5	27°13	28°58	0°48	18°46	3° 0	
M 5	9 14 40	20°19'59	8♂49	23°27	3° 4	14°28	16°16	23°12	14°56	11° 7	27°14	28°54	0°45	18°53	3° 3	
T 6	9 18 37	21°20'15	20♂37	22°26	4°19	15°16	16°14	23°18	14°59	11° 9	27°16	28°52	0°42	18°59	3° 6	
W 7	9 22 33	22°20'29	2♂24	21°23	5°33	16° 3	16°12	23°25	15° 1	11°11	27°17	28°D52	0°38	19° 6	3° 9	
T 8	9 26 30	23°20'41	14°11	20°19	6°48	16°50	16°10	23°31	15° 3	11°12	27°18	28°53	0°35	19°12	3°12	
F 9	9 30 27	24°20'51	26° 3	19°16	8° 3	17°38	16° 7	23°38	15° 6	11°14	27°19	28°55	0°32	19°19	3°15	
S10	9 34 23	25°20'59	8♂ 4	18°16	9°18	18°25	16° 5	23°44	15° 8	11°16	27°21	28°56	0°29	19°26	3°18	
S11	9 38 20	26°21'05	20°19	17°20	10°32	19°12	16° 2	23°51	15°11	11°18	27°22	28°58	0°26	19°32	3°21	
M12	9 42 16	27°21'09	2♂54	16°28	11°47	20° 0	15°59	23°57	15°13	11°19	27°23	28°R58	0°23	19°39	3°24	
T13	9 46 13	28°21'11	15°52	15°42	13° 1	20°47	15°56	24° 4	15°16	11°21	27°24	28°56	0°19	19°46	3°27	
W14	9 50 9	29°21'10	29°17	15° 1	14°16	21°34	15°53	24°10	15°19	11°23	27°26	28°54	0°16	19°52	3°30	
T15	9 54 6	0♂21'07	13♂10	14°27	15°30	22°21	15°50	24°16	15°21	11°25	27°27	28°50	0°13	19°59	3°33	
F16	9 58 2	1°21'02	27°32	13°59	16°45	23° 8	15°46	24°22	15°24	11°26	27°28	28°46	0°10	20° 6	3°36	
S17	10 1 59	2°20'55	12♂17	13°39	17°59	23°56	15°42	24°28	15°27	11°28	27°30	28°42	0° 7	20°12	3°40	
S18	10 5 56	3°20'45	27°19	13°24	19°14	24°43	15°38	24°35	15°29	11°29	27°31	28°39	0° 3	20°19	3°43	
M19	10 9 52	4°20'34	12♂30	13°17	20°28	25°30	15°34	24°41	15°32	11°31	27°32	28°37	0° 0	20°26	3°46	
T20	10 13 49	5°20'20	27°40	13°D15	21°43	26°17	15°30	24°47	15°35	11°32	27°34	28°D36	29♂57	20°32	3°49	
W21	10 17 45	6°20'05	12♂39	13°20	22°57	27° 4	15°26	24°53	15°38	11°34	27°35	28°37	29°54	20°39	3°53	
T22	10 21 42	7°19'48	27°21	13°31	24°11	27°51	15°21	24°59	15°41	11°35	27°36	28°38	29°51	20°46	3°56	
F23	10 25 38	8°19'29	11♂40	13°47	25°26	28°38	15°16	25° 4	15°43	11°37	27°38	28°39	29°48	20°52	3°59	
S24	10 29 35	9°19'08	25°34	14° 8	26°40	29°25	15°11	25°10	15°46	11°38	27°39	28°40	29°44	20°59	4° 3	
S25	10 33 31	10°18'46	9♂ 5	14°34	27°54	0♂12	15° 6	25°16	15°49	11°40	27°40	28°R41	29°41	21° 5	4° 6	
M26	10 37 28	11°18'22	22°12	15° 5	29° 8	0°59	15° 1	25°22	15°52	11°41	27°42	28°41	29°38	21°12	4° 9	
T27	10 41 25	12°17'56	5♂ 0	15°40	0♂23	1°46	14°56	25°27	15°55	11°42	27°43	28°39	29°35	21°19	4°13	
W28	10 45 21	13°17'28	17♂31	16°19	1°37	2°33	14♂50	25♂33	15°58	11♂44	27♂45	28♂38	29♂32	21♂25	4°16	

Delta T = 43m45s Julian Calendar created from Swiss Ephemeris, Copyright Astrodiens AG [10.1.2003]

SWISS EPHEMERIS for the year 843

MARCH 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	10 49 18	14 [♋] 16'58	29 [♌] 48	17 [♍] 2	2 [♎] 51	3 [♏] 20	14 [♐] R45	25 [♑] 38	16 [♒] 1	11 [♓] 45	27 [♈] 46	28 [♉] R35	29 [♊] 28	21 [♋] 32	4 [♌] 20
F 2	10 53 14	15 [♋] 16'27	11 [♌] 54	17 [♍] 49	4 [♎] 5	4 [♏] 7	14 [♐] 39	25 [♑] 44	16 [♒] 4	11 [♓] 46	27 [♈] 48	28 [♉] R33	29 [♊] 25	21 [♋] 39	4 [♌] 23
S 3	10 57 11	16 [♋] 15'53	23 [♌] 52	18 [♍] 39	5 [♎] 19	4 [♏] 54	14 [♐] 33	25 [♑] 49	16 [♒] 7	11 [♓] 48	27 [♈] 49	28 [♉] 31	29 [♊] 22	21 [♋] 45	4 [♌] 27
S 4	11 1 7	17 [♋] 15'17	5 [♌] 44	19 [♍] 32	6 [♎] 33	5 [♏] 41	14 [♐] 27	25 [♑] 55	16 [♒] 11	11 [♓] 49	27 [♈] 50	28 [♉] 30	29 [♊] 19	21 [♋] 52	4 [♌] 30
M 5	11 5 4	18 [♋] 14'40	17 [♌] 33	20 [♍] 29	7 [♎] 47	6 [♏] 28	14 [♐] 21	26 [♑] 0	16 [♒] 14	11 [♓] 50	27 [♈] 52	28 [♉] 29	29 [♊] 16	21 [♋] 59	4 [♌] 34
T 6	11 9 0	19 [♋] 14'00	29 [♌] 20	21 [♍] 28	9 [♎] 1	7 [♏] 15	14 [♐] 15	26 [♑] 5	16 [♒] 17	11 [♓] 51	27 [♈] 53	28 [♉] D29	29 [♊] 13	22 [♋] 5	4 [♌] 37
W 7	11 12 57	20 [♋] 13'18	11 [♌] Y 7	22 [♍] 30	10 [♎] 15	8 [♏] 1	14 [♐] 8	26 [♑] 10	16 [♒] 20	11 [♓] 52	27 [♈] 55	28 [♉] 29	29 [♊] 9	22 [♋] 12	4 [♌] 41
T 8	11 16 53	21 [♋] 12'34	22 [♌] 58	23 [♍] 34	11 [♎] 29	8 [♏] 48	14 [♐] 2	26 [♑] 15	16 [♒] 23	11 [♓] 53	27 [♈] 56	28 [♉] 30	29 [♊] 6	22 [♋] 19	4 [♌] 44
F 9	11 20 50	22 [♋] 11'48	4 [♌] 55	24 [♍] 41	12 [♎] 43	9 [♏] 35	13 [♐] 55	26 [♑] 21	16 [♒] 26	11 [♓] 54	27 [♈] 58	28 [♉] 31	29 [♊] 3	22 [♋] 25	4 [♌] 48
S 10	11 24 47	23 [♋] 10'59	17 [♌] 1	25 [♍] 50	13 [♎] 57	10 [♏] 22	13 [♐] 49	26 [♑] 25	16 [♒] 30	11 [♓] 55	27 [♈] 59	28 [♉] 31	29 [♊] 0	22 [♋] 32	4 [♌] 51
S 11	11 28 43	24 [♋] 10'08	29 [♌] 20	27 [♍] 1	15 [♎] 11	11 [♏] 8	13 [♐] 42	26 [♑] 30	16 [♒] 33	11 [♓] 56	28 [♈] 0	28 [♉] 32	28 [♊] 57	22 [♋] 38	4 [♌] 55
M12	11 32 40	25 [♋] 9'15	11 [♌] II54	28 [♍] 15	16 [♎] 24	11 [♏] 55	13 [♐] 35	26 [♑] 35	16 [♒] 36	11 [♓] 57	28 [♈] 2	28 [♉] 32	28 [♊] 54	22 [♋] 45	4 [♌] 59
T 13	11 36 36	26 [♋] 8'20	24 [♌] 49	29 [♍] 30	17 [♎] 38	12 [♏] 41	13 [♐] 28	26 [♑] 40	16 [♒] 39	11 [♓] 58	28 [♈] 3	28 [♉] R32	28 [♊] 50	22 [♋] 52	5 [♌] 2
W14	11 40 33	27 [♋] 7'22	8 [♌] 6	0 [♍] X48	18 [♎] 52	13 [♏] 28	13 [♐] 21	26 [♑] 45	16 [♒] 43	11 [♓] 59	28 [♈] 5	28 [♉] 32	28 [♊] 47	22 [♋] 58	5 [♌] 6
T 15	11 44 29	28 [♋] 6'22	21 [♌] 49	2 [♍] 7	20 [♎] 5	14 [♏] 15	13 [♐] 14	26 [♑] 49	16 [♒] 46	12 [♓] 0	28 [♈] 6	28 [♉] D32	28 [♊] 44	23 [♋] 5	5 [♌] 9
F 16	11 48 26	29 [♋] 5'19	5 [♌] Ω58	3 [♍] 29	21 [♎] 19	15 [♏] 1	13 [♐] 7	26 [♑] 54	16 [♒] 49	12 [♓] 1	28 [♈] 8	28 [♉] 32	28 [♊] 41	23 [♋] 12	5 [♌] 13
S 17	11 52 22	0 [♋] Y 4'14	20 [♌] 32	4 [♍] 52	22 [♎] 32	15 [♏] 47	12 [♐] 59	26 [♑] 58	16 [♒] 53	12 [♓] 2	28 [♈] 9	28 [♉] 32	28 [♊] 38	23 [♋] 18	5 [♌] 17
S 18	11 56 19	1 [♋] 3'07	5 [♌] η26	6 [♍] 17	23 [♎] 46	16 [♏] 34	12 [♐] 52	27 [♑] 3	16 [♒] 56	12 [♓] 3	28 [♈] 11	28 [♉] 32	28 [♊] 34	23 [♋] 25	5 [♌] 20
M19	12 0 16	2 [♋] 1'57	20 [♌] 34	7 [♍] 43	24 [♎] 59	17 [♏] 20	12 [♐] 45	27 [♑] 7	16 [♒] 59	12 [♓] 3	28 [♈] 12	28 [♉] 32	28 [♊] 31	23 [♋] 32	5 [♌] 24
T 20	12 4 12	3 [♋] 0'46	5 [♌] α46	9 [♍] 12	26 [♎] 13	18 [♏] 7	12 [♐] 37	27 [♑] 11	17 [♒] 3	12 [♓] 4	28 [♈] 13	28 [♉] R32	28 [♊] 28	23 [♋] 38	5 [♌] 27
W21	12 8 9	3 [♋] 59'32	20 [♌] 54	10 [♍] 42	27 [♎] 26	18 [♏] 53	12 [♐] 30	27 [♑] 15	17 [♒] 6	12 [♓] 5	28 [♈] 15	28 [♉] 32	28 [♊] 25	23 [♋] 45	5 [♌] 31
T 22	12 12 5	4 [♋] 58'16	5 [♌] μ49	12 [♍] 13	28 [♎] 40	19 [♏] 39	12 [♐] 22	27 [♑] 19	17 [♒] 9	12 [♓] 5	28 [♈] 16	28 [♉] 32	28 [♊] 22	23 [♋] 52	5 [♌] 35
F 23	12 16 2	5 [♋] 56'59	20 [♌] 22	13 [♍] 46	29 [♎] 53	20 [♏] 25	12 [♐] 15	27 [♑] 23	17 [♒] 13	12 [♓] 6	28 [♈] 18	28 [♉] 31	28 [♊] 19	23 [♋] 58	5 [♌] 38
S 24	12 19 58	6 [♋] 55'40	4 [♌] α30	15 [♍] 21	1 [♎] 6	21 [♏] 12	12 [♐] 7	27 [♑] 27	17 [♒] 16	12 [♓] 7	28 [♈] 19	28 [♉] 30	28 [♊] 15	24 [♋] 5	5 [♌] 42
S 25	12 23 55	7 [♋] 54'19	18 [♌] 11	16 [♍] 58	2 [♎] 19	21 [♏] 58	11 [♐] 59	27 [♑] 31	17 [♒] 20	12 [♓] 7	28 [♈] 21	28 [♉] 29	28 [♊] 12	24 [♋] 11	5 [♌] 46
M26	12 27 51	8 [♋] 52'56	1 [♌] 324	18 [♍] 36	3 [♎] 33	22 [♏] 44	11 [♐] 52	27 [♑] 35	17 [♒] 23	12 [♓] 8	28 [♈] 22	28 [♉] 29	28 [♊] 9	24 [♋] 18	5 [♌] 49
T 27	12 31 48	9 [♋] 51'32	14 [♌] 14	20 [♍] 16	4 [♎] 46	23 [♏] 30	11 [♐] 44	27 [♑] 39	17 [♒] 26	12 [♓] 8	28 [♈] 23	28 [♉] D29	28 [♊] 6	24 [♋] 25	5 [♌] 53
W28	12 35 45	10 [♋] 50'06	26 [♌] 42	21 [♍] 57	5 [♎] 59	24 [♏] 16	11 [♐] 36	27 [♑] 42	17 [♒] 30	12 [♓] 9	28 [♈] 25	28 [♉] 29	28 [♊] 3	24 [♋] 31	5 [♌] 56
T 29	12 39 41	11 [♋] 48'38	8 [♌] ≈54	23 [♍] 40	7 [♎] 12	25 [♏] 2	11 [♐] 29	27 [♑] 46	17 [♒] 33	12 [♓] 9	28 [♈] 26	28 [♉] 30	27 [♊] 59	24 [♋] 38	6 [♌] 0
F 30	12 43 38	12 [♋] 47'09	20 [♌] 54	25 [♍] 25	8 [♎] 25	25 [♏] 48	11 [♐] 21	27 [♑] 49	17 [♒] 37	12 [♓] 9	28 [♈] 28	28 [♉] 31	27 [♊] 56	24 [♋] 45	6 [♌] 4
S 31	12 47 34	13 [♋] Y45'38	2 [♌] X46	27 [♍] X12	9 [♎] 38	26 [♏] X34	11 [♐] α13	27 [♑] 53	17 [♒] Y40	12 [♓] 10	28 [♈] X29	28 [♉] η33	27 [♊] η53	24 [♋] X51	6 [♌] Y 7

Delta T = 43m44s Julian Calendar 1 March 843 == Greg. Calendar 5 March 843

APRIL 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	12 51 31	14 [♋] Y44'04	14 [♌] X33	29 [♍] X 0	10 [♎] 51	27 [♏] X20	11 [♐] R 6	27 [♑] 56	17 [♒] Y44	12 [♓] 10	28 [♈] X31	28 [♉] η34	27 [♊] η50	24 [♋] X58	6 [♌] Y11
M 2	12 55 27	15 [♋] 42'30	26 [♌] 20	0 [♍] Y49	12 [♎] 4	28 [♏] 6	10 [♐] α58	27 [♑] 59	17 [♒] 47	12 [♓] 10	28 [♈] 32	28 [♉] R34	27 [♊] 47	25 [♋] 5	6 [♌] 14
T 3	12 59 24	16 [♋] 40'53	8 [♌] Y 8	2 [♍] 41	13 [♎] 17	28 [♏] 51	10 [♐] 50	28 [♑] 2	17 [♒] 51	12 [♓] 11	28 [♈] 33	28 [♉] 34	27 [♊] 44	25 [♋] 11	6 [♌] 18
W 4	13 3 20	17 [♋] 39'15	20 [♌] 0	4 [♍] 34	14 [♎] 29	29 [♏] 37	10 [♐] 43	28 [♑] 5	17 [♒] 54	12 [♓] 11	28 [♈] 35	28 [♉] 33	27 [♊] 40	25 [♋] 18	6 [♌] 22
T 5	13 7 17	18 [♋] 37'34	1 [♌] 59	6 [♍] 28	15 [♎] 42	0 [♏] Y23	10 [♐] 35	28 [♑] 8	17 [♒] 57	12 [♓] 11	28 [♈] 36	28 [♉] 30	27 [♊] 37	25 [♋] 25	6 [♌] 25
F 6	13 11 13	19 [♋] 35'52	14 [♌] 6	8 [♍] 25	16 [♎] 55	1 [♏] 8	10 [♐] 28	28 [♑] 11	18 [♒] 1	12 [♓] 11	28 [♈] 37	28 [♉] 27	27 [♊] 34	25 [♋] 31	6 [♌] 29
S 7	13 15 10	20 [♋] 34'08	26 [♌] 23	10 [♍] 23	18 [♎] 7	1 [♏] 54	10 [♐] 20	28 [♑] 14	18 [♒] 4	12 [♓] 11	28 [♈] 39	28 [♉] 24	27 [♊] 31	25 [♋] 38	6 [♌] 32
S 8	13 19 7	21 [♋] 32'22	8 [♌] II52	12 [♍] 22	19 [♎] 20	2 [♏] 40	10 [♐] 13	28 [♑] 16	18 [♒] 8	12 [♓] 11	28 [♈] 40	28 [♉] 20	27 [♊] 28	25 [♋] 45	6 [♌] 36
M 9	13 23 3	22 [♋] 30'34	21 [♌] 35	14 [♍] 23	20 [♎] 33	3 [♏] 25	10 [♐] 5	28 [♑] 19	18 [♒] 11	12 [♓] 11	28 [♈] 42	28 [♉] 17	27 [♊] 25	25 [♋] 51	6 [♌] 39
T 10	13 27 0	23 [♋] 28'44	4 [♌] 333	16 [♍] 26	21 [♎] 45	4 [♏] 11	9 [♐] 58	28 [♑] 21	18 [♒] 15	12 [♓] R12	28 [♈] 43	28 [♉] 15	27 [♊] 21	25 [♋] 58	6 [♌] 43
W11	13 30 56	24 [♋] 26'52	17 [♌] 50	18 [♍] 30	22 [♎] 58	4 [♏] 56	9 [♐] 51	28 [♑] 24	18 [♒] 18	12 [♓] 12	28 [♈] 44	28 [♉] 14	27 [♊] 18	26 [♋] 4	6 [♌] 46
T 12	13 34 53	25 [♋] 24'58	1 [♌] Ω26	20 [♍] 35	24 [♎] 10	5 [♏] 41	9 [♐] 44	28 [♑] 26	18 [♒] 22	12 [♓] 11	28 [♈] 45	28 [♉] D14	27 [♊] 15	26 [♋] 11	6 [♌] 50
F 13	13 38 49	26 [♋] 23'01	15 [♌] 22	22 [♍] 42	25 [♎] 22	6 [♏] 27	9 [♐] 37	28 [♑] 28	18 [♒] 25	12 [♓] 11	28 [♈] 47	28 [♉] 15	27 [♊] 12	26 [♋] 18	6 [♌] 53
S 14	13 42 46	27 [♋] 21'03	29 [♌] 39	24 [♍] 50	26 [♎] 35	7 [♏] 12	9 [♐] 29	28 [♑] 30	18 [♒] 28	12 [♓] 11	28 [♈] 48				

SWISS EPHEMERIS for the year 843

MAY 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	14 49 47	13♁43'37	16♃46	0♄10	16♁55	19♃54	7°R46	28♁51	19♃25	12°R 5	29♁ 8	27°R50	26♃15	28♁17	7♃53								
W 2	14 53 44	14°41'14	28°45	1°58	18° 7	20°38	7♁41	28°52	19°28	12♁ 4	29°10	27♃46	26°11	28°24	7°56								
T 3	14 57 40	15°38'50	10♁55	3°44	19°18	21°22	7°36	28°52	19°31	12° 3	29°11	27°40	26° 8	28°31	7°59								
F 4	15 1 37	16°36'24	23°16	5°26	20°29	22° 7	7°31	28°52	19°35	12° 3	29°12	27°32	26° 5	28°37	8° 2								
S 5	15 5 34	17°33'58	5♁50	7° 5	21°40	22°51	7°27	28°R52	19°38	12° 2	29°13	27°23	26° 2	28°44	8° 5								
S 6	15 9 30	18°31'30	18°36	8°42	22°51	23°35	7°22	28°52	19°41	12° 1	29°14	27°14	25°59	28°51	8° 8								
M 7	15 13 27	19°29'01	1♁35	10°15	24° 2	24°19	7°18	28°52	19°44	12° 0	29°15	27° 6	25°56	28°57	8°11								
T 8	15 17 23	20°26'30	14°47	11°46	25°13	25° 3	7°14	28°52	19°47	12° 0	29°16	26°59	25°52	29° 4	8°14								
W 9	15 21 20	21°23'58	28°11	13°13	26°24	25°47	7°10	28°52	19°50	11°59	29°17	26°55	25°49	29°10	8°16								
T 10	15 25 16	22°21'25	11♁49	14°37	27°35	26°31	7° 7	28°51	19°53	11°58	29°18	26°53	25°46	29°17	8°19								
F 11	15 29 13	23°18'51	25°41	15°57	28°45	27°15	7° 3	28°51	19°56	11°57	29°19	26°D52	25°43	29°24	8°22								
S 12	15 33 9	24°16'15	9♃46	17°15	29°56	27°58	7° 0	28°50	19°59	11°56	29°20	26°53	25°40	29°30	8°25								
S 13	15 37 6	25°13'38	24° 5	18°29	1♁ 6	28°42	6°57	28°49	20° 2	11°55	29°20	26°R53	25°36	29°37	8°28								
M14	15 41 3	26°10'59	8♁34	19°40	2°17	29°26	6°54	28°49	20° 5	11°54	29°21	26°53	25°33	29°44	8°30								
T 15	15 44 59	27° 8'20	23°11	20°47	3°27	0♁ 9	6°51	28°48	20° 8	11°53	29°22	26°50	25°30	29°50	8°33								
W16	15 48 56	28° 5'39	7♁50	21°52	4°37	0°53	6°48	28°47	20°11	11°52	29°23	26°46	25°27	29°57	8°36								
T 17	15 52 52	29° 2'58	22°25	22°52	5°48	1°36	6°46	28°46	20°14	11°51	29°24	26°38	25°24	0♃ 4	8°38								
F 18	15 56 49	0♄ 0'15	6♁49	23°49	6°58	2°20	6°43	28°44	20°17	11°50	29°25	26°29	25°21	0°10	8°41								
S 19	16 0 45	0°57'32	20°55	24°42	8° 8	3° 3	6°41	28°43	20°19	11°49	29°26	26°19	25°17	0°17	8°43								
S 20	16 4 42	1°54'49	4♁39	25°31	9°18	3°47	6°39	28°42	20°22	11°48	29°26	26° 9	25°14	0°24	8°46								
M21	16 8 38	2°52'04	17°59	26°17	10°27	4°30	6°37	28°40	20°25	11°46	29°27	26° 1	25°11	0°30	8°48								
T 22	16 12 35	3°49'20	0♁54	26°59	11°37	5°13	6°36	28°39	20°28	11°45	29°28	25°54	25° 8	0°37	8°51								
W23	16 16 32	4°46'35	13°26	27°36	12°47	5°56	6°34	28°37	20°30	11°44	29°29	25°50	25° 5	0°44	8°53								
T 24	16 20 28	5°43'49	25°40	28°10	13°56	6°39	6°33	28°35	20°33	11°43	29°29	25°48	25° 2	0°50	8°55								
F 25	16 24 25	6°41'03	7♁40	28°39	15° 6	7°22	6°32	28°34	20°36	11°42	29°30	25°D48	24°58	0°57	8°58								
S 26	16 28 21	7°38'17	19°31	29° 4	16°15	8° 5	6°31	28°32	20°38	11°40	29°31	25°R48	24°55	1° 3	9° 0								
S 27	16 32 18	8°35'30	1♃18	29°24	17°25	8°48	6°30	28°30	20°41	11°39	29°31	25°48	24°52	1°10	9° 2								
M28	16 36 14	9°32'43	13° 8	29°40	18°34	9°31	6°30	28°28	20°43	11°38	29°32	25°46	24°49	1°17	9° 4								
T 29	16 40 11	10°29'56	25° 4	29°51	19°43	10°14	6°29	28°25	20°46	11°36	29°32	25°43	24°46	1°23	9° 6								
W30	16 44 7	11°27'09	7♁11	29°58	20°52	10°57	6°D29	28°23	20°48	11°35	29°33	25°37	24°42	1°30	9° 8								
T 31	16 48 4	12♁24'22	19♁32	0°R 0	22♁ 1	11♁39	6♁29	28♁21	20♃51	11♁34	29♁34	25♃29	24♃39	1♃37	9♃10								

Delta T = 43m43s

Julian Calendar 1 May 843 == Greg. Calendar 5 May 843

JUNE 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
F 1	16 52 1	13♁21'34	2♁ 7	29°R58	23♁10	12♁22	6♁29	28°R18	20♃53	11°R32	29♁34	25°R18	24♃36	1♃43	9♃12								
S 2	16 55 57	14°18'46	14°59	29♁52	24°18	13° 4	6°30	28♁16	20°56	11♁31	29°35	25♃ 6	24°33	1°50	9°14								
S 3	16 59 54	15°15'58	28° 7	29°40	25°27	13°47	6°30	28°13	20°58	11°30	29°35	24°53	24°30	1°57	9°16								
M 4	17 3 50	16°13'09	11♁28	29°25	26°35	14°29	6°31	28°11	21° 0	11°28	29°36	24°42	24°27	2° 3	9°18								
T 5	17 7 47	17°10'20	25° 1	29° 6	27°44	15°12	6°32	28° 8	21° 3	11°27	29°36	24°33	24°23	2°10	9°20								
W 6	17 11 43	18° 7'31	8♁43	28°43	28°52	15°54	6°33	28° 5	21° 5	11°25	29°37	24°26	24°20	2°17	9°22								
T 7	17 15 40	19° 4'41	22°34	28°16	0♁ 0	16°36	6°34	28° 2	21° 7	11°24	29°37	24°22	24°17	2°23	9°23								
F 8	17 19 36	20° 1'51	6♃32	27°47	1° 8	17°18	6°36	27°59	21° 9	11°22	29°37	24°20	24°14	2°30	9°25								
S 9	17 23 33	20°59'00	20°35	27°15	2°16	18° 1	6°37	27°56	21°11	11°21	29°38	24°20	24°11	2°37	9°27								
S 10	17 27 30	21°56'09	4♁44	26°41	3°24	18°43	6°39	27°53	21°13	11°19	29°38	24°19	24° 8	2°43	9°28								
M11	17 31 26	22°53'18	18°56	26° 5	4°31	19°25	6°41	27°50	21°15	11°18	29°38	24°18	24° 4	2°50	9°30								
T 12	17 35 23	23°50'26	3♁11	25°29	5°39	20° 7	6°43	27°47	21°17	11°16	29°39	24°15	24° 1	2°56	9°31								
W13	17 39 19	24°47'34	17°26	24°52	6°46	20°48	6°46	27°43	21°19	11°15	29°39	24° 9	23°58	3° 3	9°33								
T 14	17 43 16	25°44'42	1♁36	24°15	7°53	21°30	6°48	27°40	21°21	11°13	29°39	24° 0	23°55	3°10	9°34								
F 15	17 47 12	26°41'50	15°37	23°40	9° 0	22°12	6°51	27°37	21°23	11°12	29°40	23°49	23°52	3°16	9°35								
S 16	17 51 9	27°38'58	29°25	23° 6	10° 7	22°54	6°54	27°33	21°25	11°10	29°40	23°37	23°48	3°23	9°37								
S 17	17 55 5	28°36'07	12♁54	22°34	11°14	23°35	6°57	27°29	21°27	11° 9	29°40	23°26	23°45	3°30	9°38								
M18	17 59 2	29°33'15	26° 4	22° 5	12°21	24°17	7° 0	27°26	21°28	11° 7	29°40	23°15	23°42	3°36	9°39								
T 19	18 2 59	0♁30'24	8♁53	21°39	13°27	24°58	7° 3	27°22	21°30	11° 5	29°40	23° 7	23°39	3°43	9°40								
W20	18 6 55	1°27'33	21°23	21°17	14°33	25°40	7° 7	27°18	21°32	11° 4	29°41	23° 1	23°36	3°50	9°41								
T 21	18 10 52	2°24'43	3♁35	20°59	15°39	26°21	7°10	27°15	21°33	11° 2	29°41	22°58	23°33	3°56	9°42								
F 22	18 14 48	3°21'53	15°35	20°45	16°45	27° 2	7°14	27°11	21°35	11° 1	29°41	22°57	23°29	4° 3	9°43								
S 23	18 18 45	4°19'04	27°26	20°37	17°51	27°44	7°18	27° 7	21°37	10°59	29°41	22°D56	23°26	4°10	9°44								
S 24	18 22 41	5°16'15	9♃15	20°D33	18°56	28°25	7°22	27° 3	21°38	10°57	29°41	22°R56	23°23	4°16	9°45								
M25	18 26 38	6°13'28	21° 6	20°35	20° 2	29° 6	7°26	26°59	21°40	10°56	29°41	22°56	23°20	4°23	9°46								
T 26	18 30 34	7°10'40	3♁ 5	20°42	21° 7	29°47	7°31	26°55	21°41	10°54	29°R41	22°53	23°17	4°30	9°47								
W27	18 34 31	8° 7'54	15°17	20°55	22°12	0♄28	7°36	26°51	21°42	10°53	29°41	22°48	23°14	4°36	9°47								
T 28	18 38 28	9° 5'08	27°45	21°13	23°17	1° 9	7°40	26°47	21°44	10°51	29°41	22°40	23°10	4°43	9°48								
F 29	18 42 24	10° 2'24	10♁32	21°37	24°21	1°50	7°45	26°43	21°45	10°49	29°41	22°31	23° 7	4°49	9°49								
S 30	18 46 21	10♁59'40	23♁39	22♁ 7	25♁26	2♁31	7♁50	26♁38	21♃46	10♁48	29♁41	22♃20	23♃ 4	4♃56	9♃49								

Delta T = 43m42s

Julian Calendar

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SWISS EPHEMERIS for the year 843

JULY 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	18 50 17	11 ⁵⁶ 56'56	7 ⁵⁶ 6	22 ^{II} 42	26 [♁] 30	3 ^{III} 11	7 [♃] 56	26 [♄] R34	21 [♅] 47	10 [♆] R46	29 [♇] R41	22 [♈] R 8	23 [♉] 11	5 [♊] 3	9 [♋] 50								
M 2	18 54 14	12 ⁵⁴ '14	20 ⁵⁰	23 ²³	27 ³⁴	3 ⁵²	8 ¹	26 [♄] 30	21 [♅] 48	10 [♆] 44	29 [♇] 41	21 [♈] 58	22 ⁵⁸	5 ⁹	9 ⁵⁰								
T 3	18 58 10	13 ⁵¹ '31	4 [♁] 48	24 ¹⁰	28 ³⁸	4 ³³	8 ⁶	26 ²⁶	21 ⁴⁹	10 ⁴³	29 ⁴⁰	21 ⁴⁹	22 ⁵⁴	5 ¹⁶	9 ⁵¹								
W 4	19 2 7	14 ⁴⁸ '50	18 ⁵⁵	25 ²	29 ⁴¹	5 ¹³	8 ¹²	26 ²¹	21 ⁵⁰	10 ⁴¹	29 ⁴⁰	21 ⁴³	22 ⁵¹	5 ²³	9 ⁵¹								
T 5	19 6 3	15 ⁴⁶ '09	3 [♁] 7	25 ⁵⁹	0 [♁] 45	5 ⁵⁴	8 ¹⁸	26 ¹⁷	21 ⁵¹	10 ⁴⁰	29 ⁴⁰	21 ³⁹	22 ⁴⁸	5 ²⁹	9 ⁵¹								
F 6	19 10 0	16 ⁴³ '28	17 ²¹	27 ²	1 ⁴⁸	6 ³⁴	8 ²⁴	26 ¹³	21 ⁵²	10 ³⁸	29 ⁴⁰	21 ^{D38}	22 ⁴⁵	5 ³⁶	9 ⁵²								
S 7	19 13 57	17 ⁴⁰ '48	1 [♁] 34	28 ¹⁰	2 ⁵⁰	7 ¹⁵	8 ³⁰	26 ⁸	21 ⁵³	10 ³⁶	29 ⁴⁰	21 ³⁸	22 ⁴²	5 ⁴³	9 ⁵²								
S 8	19 17 53	18 ³⁸ '09	15 ⁴⁴	29 ²⁴	3 ⁵³	7 ⁵⁵	8 ³⁶	26 ⁴	21 ⁵⁴	10 ³⁵	29 ³⁹	21 ^{R39}	22 ³⁹	5 ⁴⁹	9 ⁵²								
M 9	19 21 50	19 ³⁵ '30	29 ⁴⁹	0 [♁] 42	4 ⁵⁵	8 ³⁵	8 ⁴³	25 ⁵⁹	21 ⁵⁵	10 ³³	29 ³⁹	21 ³⁸	22 ³⁵	5 ⁵⁶	9 ⁵²								
T 10	19 25 46	20 ³² '52	13 [♁] 50	2 ⁵	5 ⁵⁷	9 ¹⁵	8 ⁴⁹	25 ⁵⁵	21 ⁵⁶	10 ³²	29 ³⁹	21 ³⁶	22 ³²	6 ³	9 ^{R52}								
W11	19 29 43	21 ³⁰ '14	27 ⁴⁴	3 ³³	6 ⁵⁹	9 ⁵⁵	8 ⁵⁶	25 ⁵⁰	21 ⁵⁶	10 ³⁰	29 ³⁹	21 ³²	22 ²⁹	6 ⁹	9 ⁵²								
T 12	19 33 39	22 ²⁷ '37	11 [♁] 30	5 ⁶	8 ⁰	10 ³⁵	9 ³	25 ⁴⁶	21 ⁵⁷	10 ²⁸	29 ³⁸	21 ²⁵	22 ²⁶	6 ¹⁶	9 ⁵²								
F 13	19 37 36	23 ²⁵ '01	25 ⁵	6 ⁴²	9 ¹	11 ¹⁵	9 ¹⁰	25 ⁴²	21 ⁵⁸	10 ²⁷	29 ³⁸	21 ¹⁶	22 ²³	6 ²³	9 ⁵²								
S 14	19 41 32	24 ²² '26	8 [♁] 28	8 ²³	10 ²	11 ⁵⁵	9 ¹⁷	25 ³⁷	21 ⁵⁸	10 ²⁵	29 ³⁸	21 ⁷	22 ²⁰	6 ²⁹	9 ⁵²								
S 15	19 45 29	25 ¹⁹ '52	21 ³⁷	10 ⁷	11 ²	12 ³⁵	9 ²⁴	25 ³³	21 ⁵⁹	10 ²⁴	29 ³⁷	20 ⁵⁸	22 ¹⁶	6 ³⁶	9 ⁵¹								
M16	19 49 26	26 ¹⁷ '19	4 [♁] 30	11 ⁵⁵	12 ²	13 ¹⁵	9 ³¹	25 ²⁸	21 ⁵⁹	10 ²²	29 ³⁷	20 ⁴⁹	22 ¹³	6 ⁴³	9 ⁵¹								
T 17	19 53 22	27 ¹⁴ '47	17 ⁶	13 ⁴⁶	13 ²	13 ⁵⁴	9 ³⁹	25 ²⁴	21 ⁵⁹	10 ²¹	29 ³⁶	20 ⁴³	22 ¹⁰	6 ⁴⁹	9 ⁵¹								
W18	19 57 19	28 ¹² '16	29 ²⁷	15 ⁴⁰	14 ²	14 ³⁴	9 ⁴⁶	25 ¹⁹	22 ⁰	10 ¹⁹	29 ³⁶	20 ³⁸	22 ⁷	6 ⁵⁶	9 ⁵⁰								
T 19	20 1 15	29 ⁹ '46	11 [♁] 35	17 ³⁶	15 ¹	15 ¹³	9 ⁵⁴	25 ¹⁵	22 ⁰	10 ¹⁸	29 ³⁵	20 ³⁶	22 ⁴	7 ²	9 ⁵⁰								
F 20	20 5 12	0 [♁] 7	18 ³²	19 ³³	15 ⁵⁹	15 ⁵³	10 ²	25 ¹⁰	22 ⁰	10 ¹⁶	29 ³⁵	20 ^{D35}	22 ⁰	7 ⁹	9 ⁴⁹								
S 21	20 9 8	1 ⁴ '51	5 [♁] 22	21 ³³	16 ⁵⁷	16 ³²	10 ¹⁰	25 ⁶	22 ¹	10 ¹⁵	29 ³⁴	20 ³⁶	21 ⁵⁷	7 ¹⁶	9 ⁴⁹								
S 22	20 13 5	2 ² '26	17 ¹¹	23 ³⁴	17 ⁵⁵	17 ¹²	10 ¹⁸	25 ¹	22 ¹	10 ¹³	29 ³⁴	20 ³⁷	21 ⁵⁴	7 ²²	9 ⁴⁸								
M23	20 17 1	3 ⁰ '02	29 ²	25 ³⁵	18 ⁵³	17 ⁵¹	10 ²⁶	24 ⁵⁷	22 ¹	10 ¹²	29 ³³	20 ^{R38}	21 ⁵¹	7 ²⁹	9 ⁴⁷								
T 24	20 20 58	3 ⁵⁷ '40	11 [♁] 1	27 ³⁷	19 ⁵⁰	18 ³⁰	10 ³⁵	24 ⁵³	22 ¹	10 ¹⁰	29 ³³	20 ³⁸	21 ⁴⁸	7 ³⁶	9 ⁴⁷								
W25	20 24 55	4 ⁵⁵ '19	23 ¹⁴	29 ⁴⁰	20 ⁴⁶	19 ⁹	10 ⁴³	24 ⁴⁸	22 ^{R 1}	10 ⁹	29 ³²	20 ³⁶	21 ⁴⁵	7 ⁴²	9 ⁴⁶								
T 26	20 28 51	5 ⁵³ '00	5 ^{II} 44	1 [♁] 42	21 ⁴²	19 ⁴⁸	10 ⁵²	24 ⁴⁴	22 ¹	10 ⁷	29 ³²	20 ³³	21 ⁴¹	7 ⁴⁹	9 ⁴⁵								
F 27	20 32 48	6 ⁵⁰ '43	18 ³⁶	3 ⁴⁴	22 ³⁸	20 ²⁷	11 ⁰	24 ³⁹	22 ¹	10 ⁶	29 ³¹	20 ²⁷	21 ³⁸	7 ⁵⁶	9 ⁴⁴								
S 28	20 36 44	7 ⁴⁸ '27	1 [♁] 51	5 ⁴⁶	23 ³³	21 ⁶	11 ⁹	24 ³⁵	22 ¹	10 ⁴	29 ³⁰	20 ²¹	21 ³⁵	8 ²	9 ⁴³								
S 29	20 40 41	8 ⁴⁶ '13	15 ³⁰	7 ⁴⁷	24 ²⁸	21 ⁴⁵	11 ¹⁸	24 ³¹	22 ⁰	10 ³	29 ³⁰	20 ¹⁴	21 ³²	8 ⁹	9 ⁴²								
M30	20 44 37	9 ⁴⁴ '00	29 ³¹	9 ⁴⁷	25 ²²	22 ²⁴	11 ²⁷	24 ²⁷	22 ⁰	10 ²	29 ²⁹	20 ⁸	21 ²⁹	8 ¹⁶	9 ⁴¹								
T 31	20 48 34	10 [♁] 41'49	13 [♁] 50	11 [♁] 46	26 [♁] 16	23 ^{II} 3	11 [♁] 36	24 [♁] 22	22 [♁] 0	10 [♁] 0	29 [♁] 28	20 [♁] 3	21 [♁] 26	8 [♁] 22	9 [♁] 40								

Delta T = 43m42s

Julian Calendar 1 July 843 == Greg. Calendar 5 July 843

AUGUST 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	20 52 30	11 [♁] 39'39	28 [♁] 21	13 [♁] 44	27 [♁] 9	23 ^{II} 41	11 [♁] 45	24 [♄] R18	21 [♅] R59	9 [♆] R59	29 [♇] R28	19 [♈] R59	21 [♉] 22	8 [♊] 29	9 [♋] R39								
T 2	20 56 27	12 ³⁷ '31	12 [♁] 59	15 ⁴¹	28 ¹	24 ²⁰	11 ⁵⁴	24 [♁] 14	21 [♅] 59	9 [♆] 58	29 [♇] 27	19 ^{D58}	21 ¹⁹	8 ³⁶	9 [♋] 38								
F 3	21 0 24	13 ³⁵ '24	27 ³⁶	17 ³⁷	28 ⁵³	24 ⁵⁸	12 ⁴	24 ¹⁰	21 ⁵⁹	9 ⁵⁶	29 ²⁶	19 [♁] 58	21 ¹⁶	8 ⁴²	9 ³⁷								
S 4	21 4 20	14 ³³ '19	12 [♁] 8	19 ³²	29 ⁴⁴	25 ³⁷	12 ¹³	24 ⁶	21 ⁵⁸	9 ⁵⁵	29 ²⁵	19 ⁵⁹	21 ¹³	8 ⁴⁹	9 ³⁵								
S 5	21 8 17	15 ³¹ '14	26 ³⁰	21 ²⁶	0 [♁] 35	26 ¹⁵	12 ²³	24 ²	21 ⁵⁸	9 ⁵⁴	29 ²⁵	20 ⁰	21 ¹⁰	8 ⁵⁶	9 ³⁴								
M 6	21 12 13	16 ²⁹ '12	10 [♁] 41	23 ¹⁸	1 ²⁵	26 ⁵³	12 ³³	23 ⁵⁸	21 ⁵⁷	9 ⁵³	29 ²⁴	20 ^{R 1}	21 ⁶	9 ²	9 ³³								
T 7	21 16 10	17 ²⁷ '10	24 ³⁷	25 ⁹	2 ¹⁴	27 ³¹	12 ⁴³	23 ⁵⁴	21 ⁵⁶	9 ⁵¹	29 ²³	20 ¹	21 ³	9 ⁹	9 ³¹								
W 8	21 20 6	18 ²⁵ '10	8 [♁] 19	26 ⁵⁸	3 ²	28 ⁹	12 ⁵³	23 ⁵⁰	21 ⁵⁶	9 ⁵⁰	29 ²²	20 ⁰	21 ⁰	9 ¹⁵	9 ³⁰								
T 9	21 24 3	19 ²³ '11	21 ⁴⁷	28 ⁴⁷	3 ⁵⁰	28 ⁴⁷	13 ³	23 ⁴⁶	21 ⁵⁵	9 ⁴⁹	29 ²¹	19 ⁵⁷	20 ⁵⁷	9 ²²	9 ²⁸								
F 10	21 27 59	20 ²¹ '14	5 [♁] 3	0 [♁] 34	4 ³⁷	29 ²⁵	13 ¹³	23 ⁴³	21 ⁵⁴	9 ⁴⁸	29 ²⁰	19 ⁵³	20 ⁵⁴	9 ²⁹	9 ²⁷								
S 11	21 31 56	21 ¹⁹ '18	18 ¹	2 ²⁰	5 ²³	0 [♁] 3	13 ²³	23 ³⁹	21 ⁵³	9 ⁴⁷	29 ²⁰	19 ⁴⁸	20 ⁵¹	9 ³⁵	9 ²⁵								
S 12	21 35 53	22 ¹⁷ '24	0 [♁] 48	4 ⁴	6 ⁸	0 ⁴¹	13 ³³	23 ³⁵	21 ⁵²	9 ⁴⁶	29 ¹⁹	19 ⁴⁴	20 ⁴⁷	9 ⁴²	9 ²³								
M13	21 39 49	23 ¹⁵ '31	13 ²¹	5 ⁴⁷	6 ⁵²	1 ¹⁹	13 ⁴³	23 ³²	21 ⁵²	9 ⁴⁵	29 ¹⁸	19 ⁴⁰	20 ⁴⁴	9 ⁴⁹	9 ²²								
T 14	21 43 46	24 ¹³ '40	25 ⁴²	7 ²⁹	7 ³⁶	1 ⁵⁶	13 ⁵⁴	23 ²⁸	21 ⁵¹	9 ⁴⁴	29 ¹⁷	19 ³⁷	20 ⁴¹	9 ⁵⁵	9 ²⁰								
W15	21 47 42	25 ¹¹ '51	7 [♁] 52	9 ¹⁰	8 ¹⁸	2 ³⁴	14 ⁴	23 ²⁵	21 ⁵⁰	9 ⁴³	29 ¹⁶	19 ³⁵	20 ³⁸	10 ²	9 ¹⁸								
T 16	21 51 39	26 ¹⁰ '04	19 ⁵²	10 ⁵⁰	9 ⁰	3 ¹¹	14 ¹⁵	23 ²¹	21 ⁴⁸	9 ⁴²	29 ¹⁵	19 ^{D34}	20 ³⁵	10 ⁹	9 ¹⁶								
F 17	21 55 35	27 ⁸ '19	1 [♁] 45	12 ²⁹	9 ⁴⁰	3 ⁴⁹	14 ²⁶	23 ¹⁸	21 ⁴⁷	9 ⁴¹	29 ¹⁴	19 ³⁵	20 ³¹	10 ¹⁵	9 ¹⁴								
S 18	21 59 32	28 ⁶ '35	13 ³⁴	14 ⁶	10 ¹⁹	4 ²⁶	14 ³⁶	23 ¹⁵	21 ⁴⁶	9 ⁴⁰	29 ¹³	19 ³⁶	20 ²⁸	10 ²²	9 ¹²								
S 19	22 3 28	29 ⁴ '54	25 ²²	15 ⁴²	10 ⁵⁷	5 ³	14 ⁴⁷	23 ¹¹	21 ⁴⁵	9 ³⁹	29 ¹²	19 ³⁸	20 ²⁵	10 ²⁹	9 ¹¹								
M20	22 7 25	0 [♁] 3'15	7 [♁] 13	17 ¹⁷	11 ³⁴	5 ⁴¹	14 ⁵⁸	23 ⁸	21 ⁴⁴	9 ³⁸	29 ¹¹	19 ³⁹	20 ²²	10 ³⁵	9 ⁹								
T 21	22 11 22	1 ¹ '38	19 ¹¹	18 ⁵¹	12 ¹⁰	6 ¹⁸	15 ⁹	23 ⁵	21 ⁴³	9 ³⁷	29 ¹⁰	19 ⁴¹	20 ¹⁹	10 ⁴²	9 ⁶								

SWISS EPHEMERIS for the year 843

SEPTEMBER 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
S 1	22 54 44	11 ^h 46'13	21 ^h 50	4 ^h 50	17 ^h 10	13 ^h 00	17 ^h 15	22 ^h R37	21 ^h R26	9 ^h R29	28 ^h R58	19 ^h 33	19 ^h 44	11 ^h Y55	8 ^h R42									
S 2	22 58 40	12°45'01	6 ^m 32	6°10	17°27	13°36	17°27	22 ^h Z35	21 ^h Y24	9 ^h Z29	28 ^h X57	19°34	19°41	12° 2	8 ^h Y39									
M 3	23 2 37	13°43'51	20°56	7°28	17°42	14°12	17°39	22°33	21°22	9°28	28°56	19°34	19°37	12° 8	8°37									
T 4	23 6 33	14°42'43	4 ^m 59	8°45	17°55	14°47	17°51	22°31	21°21	9°28	28°55	19°35	19°34	12°15	8°34									
W 5	23 10 30	15°41'36	18°41	10° 1	18° 7	15°23	18° 3	22°29	21°19	9°27	28°54	19°R35	19°31	12°22	8°32									
T 6	23 14 26	16°40'31	2 ^h 3	11°16	18°16	15°59	18°15	22°27	21°17	9°27	28°53	19°34	19°28	12°28	8°29									
F 7	23 18 23	17°39'28	15° 2	12°28	18°22	16°34	18°27	22°26	21°15	9°27	28°52	19°34	19°25	12°35	8°27									
S 8	23 22 19	18°38'27	27°45	13°39	18°27	17°10	18°39	22°24	21°13	9°26	28°51	19°34	19°22	12°42	8°24									
S 9	23 26 16	19°37'28	10 ^m 14	14°48	18°R29	17°45	18°51	22°23	21°11	9°26	28°49	19°D34	19°18	12°48	8°22									
M10	23 30 13	20°36'30	22°31	15°55	18°29	18°20	19° 4	22°22	21° 9	9°26	28°48	19°34	19°15	12°55	8°19									
T 11	23 34 9	21°35'35	4 ^m 37	17° 1	18°27	18°55	19°16	22°20	21° 7	9°26	28°47	19°34	19°12	13° 2	8°16									
W12	23 38 6	22°34'41	16°36	18° 3	18°22	19°30	19°28	22°19	21° 5	9°25	28°46	19°R34	19° 9	13° 8	8°14									
T 13	23 42 2	23°33'50	28°30	19° 4	18°15	20° 5	19°41	22°18	21° 3	9°25	28°45	19°34	19° 6	13°15	8°11									
F 14	23 45 59	24°33'00	10 ^m Y19	20° 2	18° 5	20°40	19°53	22°17	21° 1	9°25	28°44	19°34	19° 2	13°22	8° 8									
S 15	23 49 55	25°32'13	22° 7	20°57	17°53	21°15	20° 6	22°16	20°58	9°25	28°42	19°33	18°59	13°28	8° 6									
S 16	23 53 52	26°31'28	3 ^h 56	21°48	17°39	21°49	20°18	22°16	20°56	9°25	28°41	19°33	18°56	13°35	8° 3									
M17	23 57 48	27°30'45	15°50	22°37	17°22	22°24	20°31	22°15	20°54	9°25	28°40	19°31	18°53	13°42	8° 0									
T 18	0 1 45	28°30'05	27°50	23°21	17° 3	22°58	20°44	22°14	20°52	9°D25	28°39	19°30	18°50	13°48	7°57									
W19	0 5 42	29°29'27	10 ^m II 1	24° 2	16°42	23°33	20°56	22°14	20°50	9°25	28°38	19°29	18°47	13°55	7°55									
T 20	0 9 38	0 ^h 28'51	22°26	24°38	16°18	24° 7	21° 9	22°14	20°47	9°25	28°37	19°29	18°43	14° 2	7°52									
F 21	0 13 35	1°28'18	5 ^h 10	25° 9	15°53	24°41	21°22	22°13	20°45	9°25	28°35	19°D29	18°40	14° 8	7°49									
S 22	0 17 31	2°27'47	18°17	25°35	15°25	25°15	21°34	22°13	20°43	9°25	28°34	19°29	18°37	14°15	7°46									
S 23	0 21 28	3°27'19	1 ^h Q49	25°55	14°56	25°48	21°47	22°D13	20°40	9°25	28°33	19°30	18°34	14°22	7°43									
M24	0 25 24	4°26'52	15°47	26° 9	14°25	26°22	22° 0	22°13	20°38	9°26	28°32	19°31	18°31	14°28	7°41									
T 25	0 29 21	5°26'29	0 ^h 12	26°R16	13°53	26°56	22°13	22°13	20°36	9°26	28°31	19°32	18°28	14°35	7°38									
W26	0 33 17	6°26'07	15° 0	26°16	13°20	27°29	22°26	22°14	20°33	9°26	28°30	19°R33	18°24	14°42	7°35									
T 27	0 37 14	7°25'47	0 ^h 4	26° 7	12°45	28° 2	22°39	22°14	20°31	9°26	28°28	19°33	18°21	14°48	7°32									
F 28	0 41 10	8°25'30	15°18	25°51	12°10	28°35	22°52	22°14	20°29	9°27	28°27	19°32	18°18	14°55	7°29									
S 29	0 45 7	9°25'15	0 ^m L30	25°25	11°34	29° 9	23° 5	22°15	20°26	9°27	28°26	19°30	18°15	15° 2	7°26									
S 30	0 49 4	10 ^h 25'01	15 ^m L31	24 ^h 51	10 ^h 57	29 ^h 541	23 ^h 18	22 ^h Z16	20 ^h Y24	9 ^h Z27	28 ^h X25	19 ^h 27	18 ^h 12	15 ^h Y 8	7 ^h Y24									

Delta T = 43m40s Julian Calendar 1 Sept. 843 == Greg. Calendar 5 Sept. 843

OCTOBER 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
M 1	0 53 0	11 ^h 24'50	0 ^h 7'12	24°R 8	10°R21	0 ^h Q14	23 ^h 31	22 ^h Z16	20°R21	9 ^h Z28	28°R24	19°R24	18 ^h 8	15 ^h Y15	7°R21									
T 2	0 56 57	12°24'40	14°29	23 ^h 17	9 ^h 44	0°47	23°44	22°17	20°Y19	9°28	28°X23	19 ^h 21	18° 5	15°22	7°Y18									
W 3	1 0 53	13°24'32	28°19	22°17	9° 8	1°19	23°57	22°18	20°16	9°29	28°22	19°19	18° 2	15°28	7°15									
T 4	1 4 50	14°24'26	11 ^h Z41	21°11	8°33	1°52	24°10	22°19	20°14	9°29	28°21	19°D19	17°59	15°35	7°12									
F 5	1 8 46	15°24'21	24°39	20° 0	7°58	2°24	24°23	22°21	20°12	9°30	28°19	19°19	17°56	15°42	7°10									
S 6	1 12 43	16°24'18	7 ^m 15	18°44	7°24	2°56	24°36	22°22	20° 9	9°31	28°18	19°20	17°53	15°48	7° 7									
S 7	1 16 39	17°24'17	19°34	17°27	6°52	3°28	24°49	22°23	20° 7	9°31	28°17	19°22	17°49	15°55	7° 4									
M 8	1 20 36	18°24'18	1 ^h X40	16°11	6°21	3°59	25° 2	22°25	20° 4	9°32	28°16	19°24	17°46	16° 2	7° 1									
T 9	1 24 33	19°24'20	13°37	14°58	5°52	4°31	25°16	22°26	20° 2	9°33	28°15	19°R25	17°43	16° 8	6°59									
W10	1 28 29	20°24'24	25°28	13°51	5°24	5° 2	25°29	22°28	19°59	9°33	28°14	19°25	17°40	16°15	6°56									
T 11	1 32 26	21°24'30	7 ^h Y17	12°51	4°59	5°34	25°42	22°30	19°57	9°34	28°13	19°23	17°37	16°22	6°53									
F 12	1 36 22	22°24'37	19° 6	12° 0	4°36	6° 5	25°55	22°32	19°54	9°35	28°12	19°20	17°33	16°28	6°51									
S 13	1 40 19	23°24'47	0 ^h X56	11°19	4°14	6°36	26° 8	22°34	19°52	9°36	28°11	19°15	17°30	16°35	6°48									
S 14	1 44 15	24°24'58	12°50	10°50	3°56	7° 6	26°22	22°36	19°49	9°37	28°10	19° 9	17°27	16°42	6°45									
M15	1 48 12	25°25'11	24°50	10°32	3°39	7°37	26°35	22°38	19°47	9°37	28° 9	19° 2	17°24	16°48	6°43									
T 16	1 52 8	26°25'27	6 ^m II57	10°D27	3°25	8° 7	26°48	22°40	19°44	9°38	28° 8	18°55	17°21	16°55	6°40									
W17	1 56 5	27°25'44	19°14	10°32	3°14	8°38	27° 1	22°42	19°42	9°39	28° 7	18°49	17°18	17° 1	6°37									
T 18	2 0 2	28°26'03	1 ^h 542	10°48	3° 4	9° 8	27°14	22°45	19°40	9°40	28° 6	18°44	17°14	17° 8	6°35									
F 19	2 3 58	29°26'25	14°25	11°14	2°58	9°38	27°28	22°47	19°37	9°41	28° 5	18°41	17°11	17°15	6°32									
S 20	2 7 55	0 ^m L26'48	27°26	11°49	2°54	10° 7	27°41	22°50	19°35	9°42	28° 4	18°D40	17° 8	17°21	6°30									
S 21	2 11 51	1°27'14	10 ^h Q48	12°32	2°D52	10°37	27°54	22°53	19°32	9°43	28° 3	18°40	17° 5	17°28	6°27									
M22	2 15 48	2°27'41	24°34	13°23	2°53	11° 6	28° 7	22°56	19°30	9°45	28° 2	18°41	17° 2	17°35	6°25									
T 23	2 19 44	3°28'10	8 ^m 43	14°20	2°56	11°35	28°21	22°59	19°27	9°46	28° 1	18°42	16°59	17°41	6°22									
W24	2 23 41	4°28'41	23°17	15°22	3° 2	12° 4	28°34	23° 2	19°25	9°47	28° 0	18°R43	16°55	17°48	6°20									
T 25	2 27 37	5°29'14	8 ^h 11	16°30	3° 9	12°33	28°47	23° 5	19°23	9°48	27°59	18°41	16°52	17°55	6°18									
F 26	2 31 34	6°29'49	23°19	17°42	3°20	13° 1	29° 0	23° 8	19°20	9°49	27°58	18°37	16°49	18° 1										

SWISS EPHEMERIS for the year 843

NOVEMBER 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
T 1	2 55 13	12♌33'50	20♋31	25♊52	5♊ 5	15♑47	0♌19	23♋29	19°R 7	9♉57	27°R53	17°R56	16♎30	18♏41	6°R 2								
F 2	2 59 10	13°34'34	3♋33	27°20	5°29	16°14	0°32	23°33	19°V 5	9°59	27♋53	17♎54	16°27	18°48	6°V 0								
S 3	3 3 6	14°35'20	16°10	28°49	5°55	16°41	0°45	23°37	19° 2	10° 0	27°52	17°D53	16°24	18°55	5°58								
S 4	3 7 3	15°36'07	28°27	0♌19	6°22	17° 7	0°58	23°41	19° 0	10° 2	27°51	17°54	16°20	19° 1	5°56								
M 5	3 11 0	16°36'54	10♋29	1°49	6°52	17°33	1°11	23°45	18°58	10° 3	27°50	17°55	16°17	19° 8	5°54								
T 6	3 14 56	17°37'43	22°22	3°20	7°23	17°59	1°24	23°49	18°56	10° 5	27°50	17°R55	16°14	19°15	5°52								
W 7	3 18 53	18°38'33	4♏10	4°52	7°55	18°25	1°37	23°53	18°54	10° 6	27°49	17°53	16°11	19°21	5°50								
T 8	3 22 49	19°39'24	15°57	6°24	8°29	18°50	1°50	23°57	18°52	10° 8	27°48	17°49	16° 8	19°28	5°48								
F 9	3 26 46	20°40'15	27°48	7°57	9° 5	19°15	2° 3	24° 2	18°50	10°10	27°48	17°43	16° 5	19°35	5°46								
S 10	3 30 42	21°41'08	9♉43	9°29	9°41	19°40	2°16	24° 6	18°48	10°11	27°47	17°33	16° 1	19°41	5°44								
S 11	3 34 39	22°42'03	21°46	11° 2	10°19	20° 5	2°29	24°11	18°46	10°13	27°46	17°22	15°58	19°48	5°43								
M12	3 38 35	23°42'58	3♌57	12°35	10°59	20°29	2°41	24°15	18°44	10°15	27°46	17° 9	15°55	19°55	5°41								
T 13	3 42 32	24°43'54	16°17	14° 8	11°39	20°53	2°54	24°20	18°42	10°16	27°45	16°56	15°52	20° 2	5°39								
W14	3 46 29	25°44'52	28°47	15°41	12°21	21°16	3° 7	24°25	18°40	10°18	27°45	16°44	15°49	20° 8	5°38								
T 15	3 50 25	26°45'50	11♉27	17°15	13° 4	21°40	3°20	24°30	18°39	10°20	27°44	16°34	15°45	20°15	5°36								
F 16	3 54 22	27°46'50	24°19	18°48	13°48	22° 3	3°32	24°35	18°37	10°21	27°44	16°27	15°42	20°22	5°35								
S 17	3 58 18	28°47'51	7♌24	20°21	14°33	22°25	3°45	24°40	18°35	10°23	27°43	16°22	15°39	20°28	5°33								
S 18	4 2 15	29°48'54	20°44	21°55	15°19	22°47	3°58	24°45	18°33	10°25	27°43	16°21	15°36	20°35	5°32								
M19	4 6 11	0♎49'57	4♎21	23°29	16° 6	23° 9	4°10	24°50	18°32	10°27	27°42	16°D20	15°33	20°42	5°31								
T 20	4 10 8	1°51'01	18°17	25° 2	16°54	23°31	4°23	24°55	18°30	10°29	27°42	16°R20	15°30	20°48	5°29								
W21	4 14 4	2°52'07	2♌32	26°36	17°43	23°52	4°35	25° 0	18°29	10°31	27°41	16°20	15°26	20°55	5°28								
T 22	4 18 1	3°53'13	17° 5	28°10	18°33	24°13	4°47	25° 6	18°27	10°33	27°41	16°17	15°23	21° 2	5°27								
F 23	4 21 58	4°54'21	1♌52	29°43	19°24	24°34	5° 0	25°11	18°26	10°35	27°41	16°11	15°20	21° 8	5°26								
S 24	4 25 54	5°55'30	16°47	1♎17	20°15	24°54	5°12	25°16	18°24	10°36	27°40	16° 2	15°17	21°15	5°25								
S 25	4 29 51	6°56'39	1♎42	2°51	21° 7	25°13	5°24	25°22	18°23	10°38	27°40	15°51	15°14	21°22	5°24								
M26	4 33 47	7°57'49	16°28	4°26	22° 0	25°33	5°37	25°27	18°21	10°40	27°40	15°39	15°11	21°28	5°23								
T 27	4 37 44	8°58'59	0♉55	6° 0	22°54	25°52	5°49	25°33	18°20	10°42	27°40	15°27	15° 7	21°35	5°22								
W28	4 41 40	10° 0'10	14°58	7°34	23°48	26°10	6° 1	25°39	18°19	10°44	27°39	15°16	15° 4	21°42	5°21								
T 29	4 45 37	11° 1'22	28°33	9° 9	24°43	26°28	6°13	25°45	18°17	10°46	27°39	15° 8	15° 1	21°48	5°20								
F 30	4 49 33	12♎2'33	11♋40	10♎44	25♊38	26♑46	6♌25	25♋50	18°V16	10♉48	27♋39	15♎3	14♎58	21°V55	5°V19								

Delta T = 43m39s

Julian Calendar 1 Nov. 843 == Greg. Calendar 5 Nov. 843

DECEMBER 843 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
S 1	4 53 30	13♎3'45	24♋22	12♎19	26♊34	27♑ 3	6♌37	25♋56	18°R15	10♉51	27°R39	15°R 0	14♎55	22°V 2	5°R19								
S 2	4 57 27	14° 4'56	6♋42	13°54	27°31	27°20	6°49	26° 2	18°V14	10°53	27♋39	14♎59	14°51	22° 8	5°V18								
M 3	5 1 23	15° 6'08	18°46	15°29	28°28	27°36	7° 0	26° 8	18°13	10°55	27°38	14°59	14°48	22°15	5°18								
T 4	5 5 20	16° 7'20	0♏40	17° 5	29°26	27°52	7°12	26°14	18°12	10°57	27°38	14°59	14°45	22°22	5°17								
W 5	5 9 16	17° 8'31	12°28	18°41	0♌24	28° 7	7°24	26°20	18°11	10°59	27°38	14°57	14°42	22°28	5°17								
T 6	5 13 13	18° 9'43	24°16	20°17	1°23	28°22	7°35	26°26	18°10	11° 1	27°38	14°52	14°39	22°35	5°16								
F 7	5 17 9	19°10'55	6♉ 9	21°53	2°22	28°36	7°47	26°33	18° 9	11° 3	27°38	14°45	14°36	22°42	5°16								
S 8	5 21 6	20°12'07	18°10	23°30	3°22	28°50	7°58	26°39	18° 8	11° 5	27°D38	14°35	14°32	22°48	5°16								
S 9	5 25 2	21°13'18	0♌21	25° 7	4°22	29° 3	8°10	26°45	18° 8	11° 7	27°38	14°22	14°29	22°55	5°15								
M10	5 28 59	22°14'30	12°45	26°44	5°23	29°16	8°21	26°51	18° 7	11°10	27°38	14° 8	14°26	23° 2	5°15								
T 11	5 32 56	23°15'42	25°21	28°22	6°24	29°28	8°32	26°58	18° 6	11°12	27°38	13°54	14°23	23° 8	5°15								
W12	5 36 52	24°16'54	8♉10	29°59	7°25	29°40	8°43	27° 4	18° 6	11°14	27°38	13°41	14°20	23°15	5°15								
T 13	5 40 49	25°18'05	21°11	1♉38	8°27	29°51	8°54	27°11	18° 5	11°16	27°38	13°30	14°17	23°22	5°D15								
F 14	5 44 45	26°19'17	4♌22	3°16	9°29	0♎ 1	9° 5	27°17	18° 5	11°18	27°38	13°22	14°13	23°28	5°15								
S 15	5 48 42	27°20'29	17°44	4°55	10°32	0°11	9°16	27°24	18° 4	11°21	27°39	13°17	14°10	23°35	5°15								
S 16	5 52 38	28°21'41	1♎15	6°34	11°35	0°21	9°27	27°30	18° 4	11°23	27°39	13°14	14° 7	23°42	5°15								
M17	5 56 35	29°22'53	14°57	8°13	12°38	0°29	9°38	27°37	18° 3	11°25	27°39	13°D14	14° 4	23°48	5°16								
T 18	6 0 31	0♉24'05	28°49	9°52	13°42	0°37	9°48	27°44	18° 3	11°27	27°39	13°R14	14° 1	23°55	5°16								
W19	6 4 28	1°25'17	12♊53	11°31	14°46	0°45	9°59	27°50	18° 3	11°30	27°39	13°13	13°57	24° 2	5°16								
T 20	6 8 25	2°26'28	27° 8	13°11	15°50	0°52	10° 9	27°57	18° 3	11°32	27°40	13°11	13°54	24° 8	5°17								
F 21	6 12 21	3°27'40	11♌31	14°50	16°55	0°58	10°20	28° 4	18° 3	11°34	27°40	13° 6	13°51	24°15	5°17								
S 22	6 16 18	4°28'52	25°59	16°30	17°59	1° 3	10°30	28°10	18° 2	11°36	27°40	12°59	13°48	24°22	5°17								
S 23	6 20 14	5°30'04	10♎28	18° 9	19° 4	1° 8	10°40	28°17	18°D 2	11°39	27°41	12°49	13°45	24°28	5°18								
M24	6 24 11	6°31'15	24°50	19°47	20°10	1°12	10°50	28°24	18° 2	11°41	27°41	12°38	13°42	24°35	5°19								
T 25	6 28 7	7°32'26	8♉59	21°25	21°15	1°15	11° 0	28°31	18° 2	11°43	27°41	12°27	13°38	24°42	5°19								
W26	6 32 4	8°33'36	22°50	23° 3	22°21	1°18	11°10	28°38	18° 3	11°45	27°42	12°17	13°35	24°49	5°20								
T 27	6 36 0	9°34'46	6♌19	24°39	23°27	1°20	11°20	28°45	18° 3	11°48	27°42	12° 9	13°32	24°55	5°21								
F 28	6 39 57	10°35'55	19°24	26°14	24°34	1°21	11°29	28°52	18° 3	11°50	27°43	12° 4	13°29	25° 2	5°22								
S 29	6 43 54	11°37'03	2♋ 7	27°47	25°40	1°R21	11°39	28°59	18° 3	11°52	27°43	12° 1	13°26	25° 9	5°23								
S 30	6 47 50	12°38'10	14°30	29°18	26°47	1°21	11°48	29° 6	18° 4	11°55	27°44	12°D 1	13°23	25°15	5°24								
M31	6 51 47	13♉39'16	26♋36	0♋47	27♌54	1♎20	11♌57	29♋13	18°V 4	11♉57	27♋44	12♎2	13♎19	25°V22	5°V25								

Delta T = 43m38s

Julian Calendar

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