

SWISS EPHEMERIS for the year 1853

JANUARY 1853

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	6 42 14	10♌33'48	16♍ 2	20♌38	8♌16	16♌41	11♌52	11°R 9	4°R32	9°K12	29°R50	28°R41	28II10	12♌ 8	6♌ 7	
S 2	6 46 10	11°34'58	29°47	20°50	9°31	17°27	12° 5	11♌ 8	4♌32	9°14	29°V50	28II40	28° 6	12°15	6°13	
M 3	6 50 7	12°36'08	13♌44	21°10	10°45	18°14	12°17	11° 7	4°31	9°15	29°50	28°D40	28° 3	12°21	6°19	
T 4	6 54 3	13°37'18	27°53	21°37	11°59	19° 0	12°30	11° 6	4°31	9°16	29°50	28°40	28° 0	12°28	6°26	
W 5	6 58 0	14°38'28	12♌12	22°10	13°13	19°47	12°42	11° 5	4°30	9°18	29°50	28°41	27°57	12°35	6°32	
T 6	7 1 57	15°39'39	26°38	22°49	14°27	20°34	12°55	11° 4	4°30	9°19	29°49	28°42	27°54	12°41	6°38	
F 7	7 5 53	16°40'50	11♌ 8	23°34	15°41	21°20	13° 7	11° 3	4°30	9°21	29°49	28°43	27°50	12°48	6°44	
S 8	7 9 50	17°42'00	25°37	24°23	16°56	22° 7	13°19	11° 3	4°29	9°22	29°49	28°R44	27°47	12°55	6°50	
S 9	7 13 46	18°43'11	9♌59	25°16	18°10	22°54	13°32	11° 2	4°29	9°24	29°49	28°44	27°44	13° 1	6°56	
M10	7 17 43	19°44'21	24° 9	26°12	19°24	23°40	13°44	11° 2	4°29	9°26	29°49	28°42	27°41	13° 8	7° 2	
T 11	7 21 39	20°45'31	8♌ 3	27°12	20°39	24°27	13°56	11° 2	4°29	9°27	29°49	28°40	27°38	13°15	7° 9	
W12	7 25 36	21°46'40	21°37	28°15	21°53	25°14	14° 8	11°D 2	4°D29	9°29	29°49	28°36	27°35	13°21	7°15	
T 13	7 29 32	22°47'48	4♌48	29°21	23° 7	26° 1	14°20	11° 2	4°29	9°31	29°D49	28°32	27°31	13°28	7°21	
F 14	7 33 29	23°48'56	17°39	0♌29	24°22	26°48	14°32	11° 2	4°29	9°32	29°49	28°29	27°28	13°35	7°27	
S 15	7 37 26	24°50'03	0♌ 9	1°39	25°36	27°34	14°44	11° 2	4°29	9°34	29°49	28°25	27°25	13°41	7°33	
S 16	7 41 22	25°51'10	12°22	2°51	26°50	28°21	14°55	11° 3	4°29	9°36	29°49	28°23	27°22	13°48	7°39	
M17	7 45 19	26°52'15	24°23	4° 5	28° 5	29° 8	15° 7	11° 3	4°29	9°38	29°49	28°D22	27°19	13°55	7°45	
T 18	7 49 15	27°53'20	6♌15	5°21	29°19	29°55	15°19	11° 4	4°30	9°39	29°49	28°23	27°16	14° 2	7°51	
W19	7 53 12	28°54'24	18° 5	6°38	0♌34	0♌42	15°30	11° 4	4°30	9°41	29°49	28°24	27°12	14° 8	7°56	
T 20	7 57 8	29°55'26	29°57	7°56	1°48	1°29	15°42	11° 5	4°30	9°43	29°49	28°26	27° 9	14°15	8° 2	
F 21	8 1 5	0♌56'28	11II55	9°16	3° 3	2°16	15°53	11° 6	4°31	9°45	29°49	28°28	27° 6	14°22	8° 8	
S 22	8 5 1	1°57'29	24° 5	10°37	4°17	3° 3	16° 4	11° 7	4°31	9°47	29°50	28°R29	27° 3	14°28	8°14	
S 23	8 8 58	2°58'29	6♌29	11°59	5°31	3°50	16°16	11° 8	4°32	9°49	29°50	28°28	27° 0	14°35	8°20	
M24	8 12 55	3°59'28	19° 9	13°22	6°46	4°37	16°27	11°10	4°32	9°51	29°50	28°26	26°56	14°42	8°26	
T 25	8 16 51	5° 0'27	2♌ 7	14°46	8° 0	5°25	16°38	11°11	4°33	9°53	29°50	28°23	26°53	14°48	8°31	
W26	8 20 48	6° 1'24	15°23	16°11	9°15	6°12	16°49	11°12	4°34	9°55	29°51	28°17	26°50	14°55	8°37	
T 27	8 24 44	7° 2'20	28°54	17°37	10°29	6°59	17° 0	11°14	4°34	9°56	29°51	28°11	26°47	15° 2	8°43	
F 28	8 28 41	8° 3'15	12♍39	19° 4	11°44	7°46	17°10	11°16	4°35	9°58	29°51	28° 4	26°44	15° 8	8°48	
S 29	8 32 37	9° 4'10	26°34	20°31	12°59	8°33	17°21	11°17	4°36	10° 0	29°52	27°58	26°41	15°15	8°54	
S 30	8 36 34	10° 5'03	10♌35	22° 0	14°13	9°20	17°32	11°19	4°37	10° 3	29°52	27°53	26°37	15°22	8°59	
MB1	8 40 30	11♌ 5'56	24♌41	23♌29	15♌28	10♌ 8	17♌42	11♌21	4♌38	10♌ 5	29°V52	27II50	26II34	15♌28	9♌ 5	

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	23s 2	10n15	5n 9	20s13	2n55	20s14	1n30	23s23	0s58	21s38	0n36	12n53	2s25	12n36	0s28	8s57	0s54	4s24	16s52	23n27	23n27	11n57	17s22	5n57
S 2	22 57	4 55	5 16	20 20	2 49	20 27	1 27	23 17	0 59	21 40	0 36	12 53	2 25	12 36	0 28	8 57	0 54	4 24	16 52	23 27	23 27	12 0	17 22	5 57
M 3	22 52	0s44	5 6	20 28	2 42	20 40	1 25	23 11	0 59	21 41	0 36	12 53	2 25	12 36	0 28	8 56	0 54	4 23	16 51	23 27	23 27	12 3	17 21	5 58
T 4	22 46	6 25	4 36	20 37	2 34	20 53	1 23	23 5	0 59	21 43	0 36	12 53	2 24	12 36	0 28	8 56	0 54	4 23	16 51	23 27	23 27	12 5	17 21	5 58
W 5	22 39	11 52	3 50	20 48	2 26	21 4	1 20	22 59	0 59	21 45	0 36	12 53	2 24	12 36	0 28	8 55	0 54	4 23	16 51	23 27	23 27	12 8	17 20	5 58
T 6	22 32	16 41	2 48	20 58	2 18	21 16	1 18	22 52	1 0	21 46	0 36	12 53	2 24	12 36	0 28	8 54	0 54	4 22	16 50	23 27	23 26	12 10	17 20	5 58
F 7	22 25	20 33	1 36	21 9	2 9	21 26	1 16	22 45	1 0	21 48	0 36	12 53	2 24	12 36	0 28	8 54	0 54	4 22	16 50	23 27	23 26	12 13	17 20	5 58
S 8	22 17	23 6	0 17	21 21	2 0	21 36	1 13	22 38	1 0	21 49	0 36	12 53	2 23	12 36	0 28	8 53	0 54	4 22	16 50	23 27	23 26	12 16	17 19	5 58
S 9	22 9	24 6	1s 2	21 32	1 51	21 46	1 11	22 30	1 0	21 51	0 36	12 53	2 23	12 35	0 28	8 53	0 54	4 22	16 49	23 27	23 26	12 18	17 19	5 58
M10	22 0	23 31	2 16	21 43	1 41	21 54	1 8	22 23	1 1	21 52	0 36	12 53	2 23	12 35	0 28	8 52	0 54	4 21	16 49	23 27	23 26	12 21	17 18	5 59
T 11	21 51	21 29	3 20	21 54	1 32	22 2	1 5	22 15	1 1	21 54	0 36	12 54	2 22	12 35	0 28	8 51	0 54	4 21	16 49	23 27	23 26	12 23	17 18	5 59
W12	21 42	18 16	4 11	22 4	1 23	22 10	1 3	22 7	1 1	21 55	0 36	12 54	2 22	12 35	0 28	8 51	0 54	4 21	16 48	23 27	23 26	12 26	17 17	5 59
T 13	21 32	14 13	4 48	22 14	1 13	22 17	1 0	21 58	1 1	21 57	0 36	12 54	2 22	12 36	0 28	8 50	0 54	4 20	16 48	23 27	23 26	12 28	17 17	5 59
F 14	21 21	9 37	5 8	22 23	1 4	22 23	0 58	21 49	1 2	21 58	0 36	12 54	2 21	12 36	0 28	8 49	0 54	4 20	16 48	23 27	23 26	12 31	17 16	5 59
S 15	21 11	4 44	5 14	22 32	0 55	22 28	0 55	21 40	1 2	21 59	0 36	12 55	2 21	12 36	0 28	8 49	0 53	4 20	16 47	23 27	23 26	12 34	17 16	6 0
S 16	21 0	0n13	5 5	22 40	0 46	22 33	0 52	21 31	1 2	22 1	0 36	12 55	2 21	12 36	0 27	8 48	0 53	4 19	16 47	23 27	23 26	12 36	17 15	6 0
M17	20 48	5 5	4 42	22 47	0 37	22 37	0 49	21 22	1 2	22 2	0 36	12 56	2 21	12 36	0 27	8 47	0 53	4 19	16 46	23 27	23 26	12 39	17 15	6 0
T 18	20 36	9 43	4 8	22 53	0 28	22 41	0 47	21 12	1 2	22 3	0 36	12 56	2 20	12 36	0 27	8 47	0 53	4 19	16 46	23 27	23 26	12 41	17 14	6 0
W19	20 24	13 58	3 23	22 58	0 19	22 44	0 44	21 2	1 3	22 5	0 36	12 57	2 20	12 36	0 27	8 46	0 53	4 18	16 46	23 27	23 26	12 44	17 13	6 0
T 20	20 11	17 43	2 30	23 2	0 11	22 46	0 41	20 52	1 3	22 6	0 36	12 57	2 20	12 36	0 27	8 45	0 53	4 18	16 45	23 27	23 26	12 46	17 13	6 1
F 21	19 58	20 46	1 29	23 5	0 3	22 47	0 38	20 41	1 3	22 7	0 36	12 58	2 19	12 36	0 27	8 45	0 53	4 17	16 45	23 27	23 26	12 49	17 12	6 1
S 22	19 44	22 56	0 24	23 8	0s 6	22 48	0 36	20 31	1 3	22 8	0 36	12 58	2 19	12 37	0 27	8 44	0 53	4 17	16 45	23 27	23 26	12 52	17 12	6 1
S 23	19 31	24 2	0n44	23 8	0 13	22 48	0 33	20 20	1 3	22 9	0 36	12 59	2 19	12 37	0 27	8 43	0 53	4 17	16 44	23 27	23 25	12 54	17	

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	8 44 27	12° 6' 48"	8° 49'	24° 59'	16° 42'	10° 55'	17° 53'	11° 24'	4° 39'	10° 7'	29° 53'	27° D48	26° II31	15° 35'	9° 10'
W 2	8 48 24	13° 7' 40"	22° 57'	26° 30'	17° 57'	11° 42'	18° 3'	11° 26'	4° 40'	10° 9'	29° 53'	27° II49	26° 28'	15° 42'	9° 16'
T 3	8 52 20	14° 8' 30"	7° 47'	28° 1'	19° 11'	12° 29'	18° 13'	11° 28'	4° 41'	10° 11'	29° 54'	27° 50'	26° 25'	15° 48'	9° 21'
F 4	8 56 17	15° 9' 20"	21° 8'	29° 34'	20° 26'	13° 17'	18° 23'	11° 31'	4° 42'	10° 13'	29° 54'	27° R51	26° 22'	15° 55'	9° 27'
S 5	9 0 13	16° 10' 09"	5° 38'	1° 8'	21° 41'	14° 4'	18° 34'	11° 33'	4° 43'	10° 15'	29° 54'	27° 51'	26° 18'	16° 2'	9° 32'
S 6	9 4 10	17° 10' 56"	19° 2'	2° 41'	22° 55'	14° 51'	18° 43'	11° 36'	4° 45'	10° 17'	29° 55'	27° 49'	26° 15'	16° 8'	9° 37'
M 7	9 8 6	18° 11' 43"	2° 47'	4° 16'	24° 10'	15° 39'	18° 53'	11° 39'	4° 46'	10° 19'	29° 56'	27° 44'	26° 12'	16° 15'	9° 43'
T 8	9 12 3	19° 12' 28"	16° 20'	5° 51'	25° 24'	16° 26'	19° 3'	11° 42'	4° 47'	10° 21'	29° 56'	27° 37'	26° 9'	16° 22'	9° 48'
W 9	9 16 0	20° 13' 12"	29° 39'	7° 27'	26° 39'	17° 13'	19° 13'	11° 44'	4° 49'	10° 24'	29° 57'	27° 28'	26° 6'	16° 28'	9° 53'
T 10	9 19 56	21° 13' 55"	12° 42'	9° 5'	27° 54'	18° 1'	19° 22'	11° 48'	4° 50'	10° 26'	29° 57'	27° 18'	26° 2'	16° 35'	9° 58'
F 11	9 23 53	22° 14' 35"	25° 27'	10° 43'	29° 8'	18° 48'	19° 31'	11° 51'	4° 52'	10° 28'	29° 58'	27° 8'	25° 59'	16° 42'	10° 3'
S 12	9 27 49	23° 15' 15"	7° 56'	12° 21'	0° 23'	19° 35'	19° 41'	11° 54'	4° 53'	10° 30'	29° 58'	26° 59'	25° 56'	16° 48'	10° 8'
S 13	9 31 46	24° 15' 52"	20° 9'	14° 1'	1° 37'	20° 23'	19° 50'	11° 57'	4° 55'	10° 32'	29° 59'	26° 51'	25° 53'	16° 55'	10° 13'
M14	9 35 42	25° 16' 28"	2° 8'	15° 42'	2° 52'	21° 10'	19° 59'	12° 1'	4° 56'	10° 34'	29° 59'	26° 46'	25° 50'	17° 2'	10° 18'
T 15	9 39 39	26° 17' 03"	14° 2'	17° 23'	4° 7'	21° 57'	20° 8'	12° 4'	4° 58'	10° 37'	0° 0'	26° 43'	25° 47'	17° 9'	10° 23'
W16	9 43 35	27° 17' 35"	25° 51'	19° 5'	5° 21'	22° 45'	20° 17'	12° 8'	5° 0'	10° 39'	0° 1'	26° D42	25° 43'	17° 15'	10° 27'
T 17	9 47 32	28° 18' 06"	7° II42	20° 49'	6° 36'	23° 32'	20° 25'	12° 12'	5° 1'	10° 41'	0° 2'	26° 42'	25° 40'	17° 22'	10° 32'
F 18	9 51 28	29° 18' 35"	19° 40'	22° 33'	7° 50'	24° 19'	20° 34'	12° 16'	5° 3'	10° 43'	0° 3'	26° 43'	25° 37'	17° 29'	10° 37'
S 19	9 55 25	0° 19' 02"	1° 51'	24° 18'	9° 5'	25° 7'	20° 42'	12° 20'	5° 5'	10° 46'	0° 3'	26° R43	25° 34'	17° 35'	10° 42'
S 20	9 59 22	1° 19' 27"	14° 19'	26° 4'	10° 20'	25° 54'	20° 51'	12° 24'	5° 7'	10° 48'	0° 4'	26° 42'	25° 31'	17° 42'	10° 46'
M21	10 3 18	2° 19' 50"	27° 8'	27° 51'	11° 34'	26° 42'	20° 59'	12° 28'	5° 9'	10° 50'	0° 5'	26° 38'	25° 27'	17° 49'	10° 51'
T 22	10 7 15	3° 20' 12"	10° 20'	29° 39'	12° 49'	27° 29'	21° 7'	12° 32'	5° 11'	10° 52'	0° 6'	26° 31'	25° 24'	17° 55'	10° 55'
W23	10 11 11	4° 20' 31"	23° 55'	1° 28'	14° 3'	28° 16'	21° 15'	12° 36'	5° 13'	10° 55'	0° 7'	26° 22'	25° 21'	18° 2'	10° 59'
T 24	10 15 8	5° 20' 49"	7° 51'	3° 17'	15° 18'	29° 4'	21° 22'	12° 41'	5° 15'	10° 57'	0° 7'	26° 11'	25° 18'	18° 9'	11° 4'
F 25	10 19 4	6° 21' 05"	22° 4'	5° 8'	16° 32'	29° 51'	21° 30'	12° 45'	5° 17'	10° 59'	0° 8'	26° 0'	25° 15'	18° 15'	11° 8'
S 26	10 23 1	7° 21' 19"	6° 27'	7° 0'	17° 47'	0° 38'	21° 38'	12° 50'	5° 19'	11° 1'	0° 9'	25° 49'	25° 12'	18° 22'	11° 12'
S 27	10 26 57	8° 21' 32"	20° 56'	8° 52'	19° 2'	1° 26'	21° 45'	12° 54'	5° 21'	11° 4'	0° 10'	25° 40'	25° 8'	18° 29'	11° 16'
M28	10 30 54	9° 21' 43"	5° 11'	10° 46'	20° 16'	2° 13'	21° 52'	12° 59'	5° 24'	11° 6'	0° 11'	25° II34	25° II 5'	18° 35'	11° 20'

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♃		♄	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	17s11	10s45	3n54	22s23	1s15	22s17	0n 7	18s32	1s 4	22s19	0n36	13n 6	2s16	12n39	0s27	8s36	0s53	4s13	16s41	23n26	23n25	13n17	17s 5	6n 4				
W 2	16 53	15 40	2 57	22 11	1 20	22 11	0 5	18 19	1 4	22 20	0 36	13 7	2 16	12 40	0 27	8 36	0 53	4 12	16 41	23 26	23 25	13 20	17 4	6 5				
T 3	16 36	19 42	1 50	21 58	1 26	22 3	0 2	18 6	1 4	22 21	0 36	13 8	2 16	12 40	0 27	8 35	0 53	4 12	16 40	23 26	23 25	13 22	17 4	6 5				
F 4	16 18	22 34	0 36	21 44	1 31	21 55	0s 1	17 53	1 5	22 22	0 36	13 9	2 15	12 41	0 27	8 34	0 53	4 11	16 40	23 26	23 25	13 25	17 3	6 5				
S 5	16 0 24	1 0s39	21 29	1 36	21 46	0 4	17 39	1 5	22 23	0 36	13 10	2 15	12 41	0 27	8 33	0 53	4 11	16 40	23 26	23 24	13 27	17 2	6 6					
S 6	15 42	23 57	1 52	21 12	1 40	21 37	0 6	17 25	1 5	22 23	0 35	13 11	2 15	12 42	0 27	8 32	0 53	4 10	16 39	23 26	23 24	13 30	17 2	6 6				
M 7	15 23	22 25	2 57	20 54	1 44	21 27	0 9	17 11	1 5	22 24	0 35	13 12	2 14	12 42	0 27	8 32	0 53	4 10	16 39	23 26	23 24	13 32	17 1	6 6				
T 8	15 4 19	37 3 50	20 34	1 48	21 16	0 12	16 57	1 5	22 25	0 35	13 14	2 14	12 42	0 27	8 31	0 53	4 9	16 39	23 26	23 24	13 35	17 0	6 7					
W 9	14 45	15 49	4 31	20 13	1 51	21 5	0 14	16 43	1 5	22 26	0 35	13 15	2 14	12 43	0 27	8 30	0 53	4 9	16 38	23 26	23 24	13 38	16 59	6 7				
T 10	14 26	11 21	4 56	19 50	1 54	20 53	0 17	16 28	1 5	22 27	0 35	13 16	2 14	12 43	0 27	8 29	0 53	4 8	16 38	23 26	23 24	13 40	16 59	6 7				
F 11	14 7 6	28 5 5	19 27	1 57	20 40	0 20	16 14	1 5	22 27	0 35	13 17	2 13	12 44	0 27	8 28	0 53	4 8	16 38	23 26	23 24	13 43	16 58	6 8					
S 12	13 47	1 27	5 0	19 1	2 0	20 27	0 22	15 59	1 5	22 28	0 35	13 18	2 13	12 45	0 27	8 27	0 53	4 7	16 37	23 25	23 24	13 45	16 57	6 8				
S 13	13 27	3n33	4 41	18 35	2 2	20 13	0 25	15 44	1 5	22 29	0 35	13 20	2 13	12 45	0 27	8 27	0 53	4 7	16 37	23 25	23 24	13 48	16 56	6 9				
M14	13 6 8	20 4 10	18 7	2 4	19 58	0 27	15 29	1 5	22 29	0 35	13 21	2 12	12 46	0 27	8 26	0 53	4 6	16 37	23 25	23 24	13 50	16 56	6 9					
T 15	12 46	12 45	3 28	17 37	2 5	19 43	0 30	15 14	1 5	22 30	0 35	13 22	2 12	12 46	0 27	8 25	0 53	4 6	16 36	23 25	23 23	13 53	16 55	6 10				
W16	12 25	16 41	2 37	17 6	2 6	19 28	0 32	14 58	1 5	22 31	0 35	13 24	2 12	12 47	0 27	8 24	0 53	4 5	16 36	23 25	23 23	13 55	16 54	6 10				
T 17	12 4 19	58 1 40	16 34	2 6	19 12	0 34	14 42	1 5	22 31	0 35	13 25	2 12	12 47	0 27	8 23	0 53	4 4	16 36	23 25	23 23	13 58	16 53	6 10					
F 18	11 43	22 26	0 38	16 0	2 6	18 55	0 37	14 27	1 5	22 32	0 35	13 27	2 11	12 48	0 26	8 22	0 53	4 4	16 35	23 25	23 23	14 0	16 52	6 11				
S 19	11 22	23 54	0n27	15 25	2 6	18 38	0 39	14 11	1 5	22 33	0 35	13 28	2 11	12 49	0 26	8 22	0 53	4 3	16 35	23 25	23 23	14 3	16 52	6 11				
S 20	11 1 24	13 1 32	14 48	2 5	18 20	0 41	13 55	1 5	22 33	0 35	13 30	2 11	12 49	0 26	8 21	0 53	4 3	16 35	23 25	23 23	14 5	16 51	6 12					
M21	10 39	23 17	2 35	14 10	2 4	18 2	0 44	13 38	1 5	22 34	0 36	13 31	2 11	12 50	0 26	8 20	0 53	4 2	16 34	23 25	23 23	14 8	16 50	6 12				
T 22	10 17	21 2	3 30	13 31	2 2	17 43	0 46	13 22	1 5	22 34	0 36	13 33	2 10	12 51	0 26	8 19	0 53	4 2	16 34	23 25	23 23	14 10	16 49	6 13				
W23	9 56	17 34	4 15	12 50	2 0	17 23	0 48	13 6	1 5	22 35	0 36	13 34	2 10	12 51	0 26	8 18	0 53	4 1	16 34	23 25	23 23	14 13	16 48	6 13				
T 24	9 33	13 4	4 47	12 8	1 57	17 4	0 50	12 49	1 5	22 35	0 36	13 36	2 10	12 52	0 26	8 17	0 53	4 1	16 34	23 24	23 23	14 15	16 47	6 14				
F 25	9 11 7	46 5 1	11 24	1 54	16 43	0 52	12 32	1 5	22 36	0 36	13 37	2 10	12 53	0 26	8 16	0 53	4 0	16 33	23 24	23 22	14 18	16 47	6 14					
S 26	8 49 1	59 4 57	10 40	1 50	16 22	0 54	12 16	1 4	22 36	0 36	13 39	2 9	12 54	0 26	8 16	0 53	4 0	16 33	23 24	23 22	14 20	16 46	6 15					
S 27	8 27	3s57	4 33	9 53	1 46	16 1	0 56	11 59	1 4	22 37	0 36	13 41	2 9	12 54	0 26	8 15	0 53	3 59	16 33	23 23	23 22	14 23	16 45	6 15				
M28	8s 4	9s40	3n53	9s 6	1s41	15s40	0s58	11s42	1s 4	22s37	0n36	13n42	2s 9	12n55	0s26	8s14	0s53	3s58	16s32	23n23	23n22	14n25	16s44	6n16				

Julian Day Number = 2397885.5, Delta T = 7.22 sec
 Ecliptic obliquity = 23°27'31", Nutation = - 0°00'16

SWISS EPHEMERIS for the year 1853

MARCH 1853

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	10 34 51	10 ^h 21'53	19 ^m 44	12 ^h 40	21 ^h 31	3 ^h 0	21 ^h 59	13 ^h 4	5 ^h 26	11 ^h 8	0 ^h 12	25 ^h R30	25 ^h II 2	18 ^h 42	11 ^h 25		
W 2	10 38 47	11 ^h 22'01	3 ^h 57	14 ^h 35	22 ^h 45	3 ^h 48	22 ^h 6	13 ^h 9	5 ^h 28	11 ^h 11	0 ^h 13	25 ^h II28	24 ^h 59	18 ^h 49	11 ^h 28		
T 3	10 42 44	12 ^h 22'08	17 ^h 57	16 ^h 31	24 ^h 0	4 ^h 35	22 ^h 13	13 ^h 14	5 ^h 31	11 ^h 13	0 ^h 14	25 ^h 28	24 ^h 56	18 ^h 55	11 ^h 32		
F 4	10 46 40	13 ^h 22'13	1 ^h 38	18 ^h 27	25 ^h 14	5 ^h 22	22 ^h 20	13 ^h 19	5 ^h 33	11 ^h 15	0 ^h 15	25 ^h 28	24 ^h 53	19 ^h 2	11 ^h 36		
S 5	10 50 37	14 ^h 22'17	15 ^h 28	20 ^h 23	26 ^h 29	6 ^h 10	22 ^h 26	13 ^h 24	5 ^h 35	11 ^h 17	0 ^h 16	25 ^h 27	24 ^h 49	19 ^h 9	11 ^h 40		
S 6	10 54 33	15 ^h 22'19	28 ^h 57	22 ^h 20	27 ^h 44	6 ^h 57	22 ^h 32	13 ^h 29	5 ^h 38	11 ^h 20	0 ^h 17	25 ^h 23	24 ^h 46	19 ^h 15	11 ^h 44		
M 7	10 58 30	16 ^h 22'19	12 ^h 51	24 ^h 17	28 ^h 58	7 ^h 44	22 ^h 39	13 ^h 35	5 ^h 40	11 ^h 22	0 ^h 18	25 ^h 17	24 ^h 43	19 ^h 22	11 ^h 47		
T 8	11 2 26	17 ^h 22'18	25 ^h 26	26 ^h 14	0 ^h 13	8 ^h 31	22 ^h 45	13 ^h 40	5 ^h 43	11 ^h 24	0 ^h 19	25 ^h 7	24 ^h 40	19 ^h 29	11 ^h 51		
W 9	11 6 23	18 ^h 22'14	8 ^h 24	28 ^h 10	1 ^h 27	9 ^h 19	22 ^h 50	13 ^h 45	5 ^h 45	11 ^h 27	0 ^h 20	24 ^h 55	24 ^h 37	19 ^h 35	11 ^h 54		
T 10	11 10 20	19 ^h 22'09	21 ^h 10	0 ^h 5	2 ^h 42	10 ^h 6	22 ^h 56	13 ^h 51	5 ^h 48	11 ^h 29	0 ^h 21	24 ^h 41	24 ^h 33	19 ^h 42	11 ^h 58		
F 11	11 14 16	20 ^h 22'02	3 ^h 43	2 ^h 0	3 ^h 56	10 ^h 53	23 ^h 2	13 ^h 56	5 ^h 51	11 ^h 31	0 ^h 22	24 ^h 27	24 ^h 30	19 ^h 49	12 ^h 1		
S 12	11 18 13	21 ^h 21'53	16 ^h 2	3 ^h 52	5 ^h 11	11 ^h 40	23 ^h 7	14 ^h 2	5 ^h 53	11 ^h 33	0 ^h 23	24 ^h 14	24 ^h 27	19 ^h 55	12 ^h 4		
S 13	11 22 9	22 ^h 21'41	28 ^h 10	5 ^h 43	6 ^h 25	12 ^h 28	23 ^h 12	14 ^h 8	5 ^h 56	11 ^h 36	0 ^h 24	24 ^h 3	24 ^h 24	20 ^h 2	12 ^h 8		
M14	11 26 6	23 ^h 21'28	10 ^h 8	7 ^h 32	7 ^h 40	13 ^h 15	23 ^h 17	14 ^h 14	5 ^h 59	11 ^h 38	0 ^h 26	23 ^h 55	24 ^h 21	20 ^h 9	12 ^h 11		
T 15	11 30 2	24 ^h 21'12	21 ^h 59	9 ^h 18	8 ^h 54	14 ^h 2	23 ^h 22	14 ^h 19	6 ^h 2	11 ^h 40	0 ^h 27	23 ^h 49	24 ^h 18	20 ^h 15	12 ^h 14		
W16	11 33 59	25 ^h 20'54	3 ^h II46	11 ^h 1	10 ^h 9	14 ^h 49	23 ^h 27	14 ^h 25	6 ^h 4	11 ^h 42	0 ^h 28	23 ^h 46	24 ^h 14	20 ^h 22	12 ^h 17		
T 17	11 37 55	26 ^h 20'34	15 ^h 36	12 ^h 40	11 ^h 23	15 ^h 36	23 ^h 32	14 ^h 31	6 ^h 7	11 ^h 44	0 ^h 29	23 ^h 45	24 ^h 11	20 ^h 29	12 ^h 20		
F 18	11 41 52	27 ^h 20'12	27 ^h 32	14 ^h 15	12 ^h 38	16 ^h 23	23 ^h 36	14 ^h 37	6 ^h 10	11 ^h 47	0 ^h 30	23 ^h 45	24 ^h 8	20 ^h 35	12 ^h 22		
S 19	11 45 49	28 ^h 19'47	9 ^h 541	15 ^h 45	13 ^h 52	17 ^h 10	23 ^h 40	14 ^h 44	6 ^h 13	11 ^h 49	0 ^h 31	23 ^h 44	24 ^h 5	20 ^h 42	12 ^h 25		
S 20	11 49 45	29 ^h 19'20	22 ^h 8	17 ^h 10	15 ^h 7	17 ^h 58	23 ^h 44	14 ^h 50	6 ^h 16	11 ^h 51	0 ^h 33	23 ^h 43	24 ^h 2	20 ^h 49	12 ^h 28		
M21	11 53 42	0 ^h Y18'51	4 ^h II57	18 ^h 30	16 ^h 21	18 ^h 45	23 ^h 48	14 ^h 56	6 ^h 19	11 ^h 53	0 ^h 34	23 ^h 39	23 ^h 59	20 ^h 55	12 ^h 30		
T 22	11 57 38	1 ^h 18'20	18 ^h 13	19 ^h 44	17 ^h 35	19 ^h 32	23 ^h 52	15 ^h 2	6 ^h 22	11 ^h 55	0 ^h 35	23 ^h 33	23 ^h 55	21 ^h 2	12 ^h 33		
W23	12 1 35	2 ^h 17'46	1 ^h II57	20 ^h 51	18 ^h 50	20 ^h 19	23 ^h 55	15 ^h 9	6 ^h 25	11 ^h 58	0 ^h 36	23 ^h 24	23 ^h 52	21 ^h 9	12 ^h 35		
T 24	12 5 31	3 ^h 17'10	16 ^h 7	21 ^h 52	20 ^h 4	21 ^h 6	23 ^h 59	15 ^h 15	6 ^h 28	12 ^h 0	0 ^h 38	23 ^h 13	23 ^h 49	21 ^h 15	12 ^h 38		
F 25	12 9 28	4 ^h 16'32	0 ^h II39	22 ^h 47	21 ^h 19	21 ^h 52	24 ^h 2	15 ^h 21	6 ^h 31	12 ^h 2	0 ^h 39	23 ^h 1	23 ^h 46	21 ^h 22	12 ^h 40		
S 26	12 13 24	5 ^h 15'51	15 ^h 27	23 ^h 34	22 ^h 33	22 ^h 39	24 ^h 5	15 ^h 28	6 ^h 34	12 ^h 4	0 ^h 40	22 ^h 50	23 ^h 43	21 ^h 29	12 ^h 42		
S 27	12 17 21	6 ^h 15'09	0 ^h III21	24 ^h 14	23 ^h 47	23 ^h 26	24 ^h 8	15 ^h 35	6 ^h 37	12 ^h 6	0 ^h 41	22 ^h 41	23 ^h 39	21 ^h 35	12 ^h 44		
M28	12 21 17	7 ^h 14'25	15 ^h 13	24 ^h 47	25 ^h 2	24 ^h 13	24 ^h 10	15 ^h 41	6 ^h 40	12 ^h 8	0 ^h 43	22 ^h 34	23 ^h 36	21 ^h 42	12 ^h 46		
T 29	12 25 14	8 ^h 13'39	29 ^h 56	25 ^h 13	26 ^h 16	25 ^h 0	24 ^h 13	15 ^h 48	6 ^h 43	12 ^h 10	0 ^h 44	22 ^h 30	23 ^h 33	21 ^h 49	12 ^h 48		
W30	12 29 11	9 ^h 12'51	14 ^h II23	25 ^h 31	27 ^h 30	25 ^h 47	24 ^h 15	15 ^h 54	6 ^h 46	12 ^h 13	0 ^h 45	22 ^h 28	23 ^h 30	21 ^h 55	12 ^h 50		
T 31	12 33 7	10 ^h Y12'02	28 ^h II33	25 ^h Y41	28 ^h II45	26 ^h II34	24 ^h II17	16 ^h II1	6 ^h II49	12 ^h II15	0 ^h II46	22 ^h II28	23 ^h II27	22 ^h II2	12 ^h II52		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	7s41	14s50	2n57	8s17	1s36	15s17	1s0	11s24	1s4	22s37	0n36	13n44	2s9	12n56	0s26	8s13	0s53	3s58	16s32	23n23	23n22	14n28	16s43	6n16
W 2	7 18 19 8	1 52	7 27	1 30	14 55	1 2	11 7	1 4	22 38	0 36	13 46	2 8	12 57	0 26	8 12	0 53	3 57	16 32	23 23	23 22	14 30	16 43	6 17	
T 3	6 56 22 15	0 40	6 36	1 23	14 32	1 4	10 50	1 4	22 38	0 36	13 47	2 8	12 58	0 26	8 11	0 53	3 57	16 32	23 23	23 22	14 33	16 42	6 17	
F 4	6 33 24 0	0s33	5 45	1 16	14 9	1 5	10 32	1 4	22 39	0 36	13 49	2 8	12 58	0 26	8 10	0 53	3 56	16 31	23 23	23 22	14 35	16 41	6 18	
S 5	6 9 24 17	1 44	4 52	1 9	13 45	1 7	10 15	1 4	22 39	0 36	13 51	2 8	12 59	0 26	8 10	0 53	3 56	16 31	23 23	23 21	14 38	16 40	6 18	
S 6	5 46 23 7	2 47	3 58	1 0	13 21	1 8	9 57	1 4	22 39	0 36	13 52	2 7	13 0	0 26	8 9	0 53	3 55	16 31	23 23	23 21	14 40	16 39	6 19	
M 7	5 23 20 39	3 40	3 3	0 51	12 56	1 10	9 39	1 3	22 40	0 36	13 54	2 7	13 1	0 26	8 8	0 53	3 54	16 31	23 22	23 21	14 43	16 38	6 19	
T 8	5 0 17 9	4 21	2 8	0 42	12 31	1 11	9 21	1 3	22 40	0 36	13 56	2 7	13 2	0 26	8 7	0 53	3 54	16 30	23 22	23 21	14 45	16 38	6 20	
W 9	4 36 12 52	4 48	1 13	0 32	12 6	1 13	9 4	1 3	22 40	0 36	13 58	2 7	13 3	0 26	8 6	0 53	3 53	16 30	23 22	23 21	14 48	16 37	6 20	
T 10	4 13 8 5	4 59	0 17	0 21	11 41	1 14	8 46	1 3	22 41	0 36	14 0	2 6	13 3	0 26	8 5	0 53	3 53	16 30	23 21	23 21	14 50	16 36	6 21	
F 11	3 49 3 3	4 56	0n38	0 10	11 15	1 16	8 27	1 3	22 41	0 36	14 2	2 6	13 4	0 26	8 4	0 54	3 52	16 30	23 21	23 21	14 53	16 35	6 21	
S 12	3 26 2n 1	4 39	1 34	0n 1	10 49	1 17	8 9	1 3	22 41	0 36	14 3	2 6	13 5	0 26	8 4	0 54	3 51	16 29	23 20	23 21	14 55	16 34	6 22	
S 13	3 2 6 57	4 9	2 29	0 13	10 22	1 18	7 51	1 2	22 41	0 36	14 5	2 6	13 6	0 26	8 3	0 54	3 51	16 29	23 20	23 20	14 58	16 33	6 23	
M14	2 38 11 34	3 29	3 23	0 25	9 55	1 19	7 33	1 2	22 42	0 36	14 7	2 6	13 7	0 26	8 2	0 54	3 50	16 29	23 19	23 20	15 0	16 32	6 23	
T 15	2 15 15 42	2 40	4 16	0 38	9 29	1 20	7 14	1 2	22 42	0 36	14 9	2 5	13 8	0 26	8 1	0 54	3 50	16 29	23 19	23 20	15 3	16 32	6 24	
W16	1 51 19 14	1 44	5 8	0 50	9 1	1 21	6 56	1 2	22 42	0 36	14 11	2 5	13 9	0 26	8 0	0 54	3 49	16 28	23 19	23 20	15 5	16 31	6 24	
T 17	1 27 21 58	0 43	5 59	1 3	8 34	1 22	6 38	1 2	22 42	0 36	14 13	2 5	13 10	0 26	7 59	0 54	3 49	16 28	23 19	23 20	15 7	16 30	6 25	
F 18	1 4 23 46	0n20	6 47	1 16	8 6	1 23	6 19	1 1	22 43	0 36	14 15	2 5	13 11	0 26	7									

SWISS EPHEMERIS for the year 1853

APRIL 1853

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
F 1	12 37 4	11°11'11"	12°24'	25°R45	29°K59	27°K20	24°A19	16°B 8	6°B52	12°K17	0°B48	22°R28	23°II24	22°B 9	12°B54
S 2	12 41 0	12°10'18"	25°57'	25°Y42	1°Y13	28° 7	24°21	16°15	6°56	12°19	0°49	22°II28	23°20	22°15	12°55
S 3	12 44 57	13° 9'23"	9°A14	25°32	2°28	28°54	24°22	16°22	6°59	12°21	0°50	22°25	23°17	22°22	12°57
M 4	12 48 53	14° 8'27"	22°17'	25°15	3°42	29°40	24°24	16°29	7° 2	12°23	0°52	22°20	23°14	22°29	12°58
T 5	12 52 50	15° 7'29"	5°K 7	24°53	4°56	0°Y27	24°25	16°36	7° 5	12°25	0°53	22°12	23°11	22°35	12°59
W 6	12 56 46	16° 6'28"	17°45'	24°25	6°10	1°14	24°26	16°43	7° 9	12°27	0°54	22° 1	23° 8	22°42	13° 1
T 7	13 0 43	17° 5'26"	0°Y13	23°53	7°25	2° 0	24°27	16°50	7°12	12°29	0°56	21°50	23° 4	22°49	13° 2
F 8	13 4 40	18° 4'22"	12°30'	23°16	8°39	2°47	24°27	16°57	7°15	12°31	0°57	21°38	23° 1	22°55	13° 3
S 9	13 8 36	19° 3'16"	24°38'	22°36	9°53	3°33	24°28	17° 4	7°19	12°33	0°58	21°26	22°58	23° 2	13° 4
S 10	13 12 33	20° 2'08"	6°B38	21°54	11° 7	4°20	24°28	17°11	7°22	12°34	1° 0	21°16	22°55	23° 9	13° 5
M11	13 16 29	21° 0'58"	18°31'	21°10	12°22	5° 6	24°R28	17°18	7°25	12°36	1° 1	21° 9	22°52	23°15	13° 6
T 12	13 20 26	21°59'45"	0°II19	20°25	13°36	5°53	24°28	17°26	7°29	12°38	1° 2	21° 4	22°49	23°22	13° 7
W13	13 24 22	22°58'31"	12° 6	19°40	14°50	6°39	24°28	17°33	7°32	12°40	1° 4	21° 2	22°45	23°29	13° 7
T 14	13 28 19	23°57'15"	23°55'	18°56	16° 4	7°25	24°27	17°40	7°35	12°42	1° 5	21°D 1	22°42	23°35	13° 8
F 15	13 32 15	24°55'56"	5°B50	18°14	17°18	8°12	24°26	17°48	7°39	12°44	1° 7	21° 2	22°39	23°42	13° 9
S 16	13 36 12	25°54'35"	17°58'	17°35	18°33	8°58	24°25	17°55	7°42	12°46	1° 8	21° 3	22°36	23°49	13° 9
S 17	13 40 9	26°53'12"	0°Q22	16°58	19°47	9°44	24°24	18° 2	7°46	12°47	1° 9	21°R 3	22°33	23°55	13° 9
M18	13 44 5	27°51'47"	13° 9	16°24	21° 1	10°30	24°23	18°10	7°49	12°49	1°11	21° 2	22°30	24° 2	13°10
T 19	13 48 2	28°50'19"	26°21'	15°55	22°15	11°16	24°22	18°17	7°52	12°51	1°12	20°59	22°26	24° 9	13°10
W20	13 51 58	29°48'49"	10°M 2	15°30	23°29	12° 2	24°20	18°25	7°56	12°52	1°14	20°54	22°23	24°15	13°10
T 21	13 55 55	0°B47'17"	24°13'	15°10	24°43	12°48	24°18	18°32	7°59	12°54	1°15	20°47	22°20	24°22	13°R10
F 22	13 59 51	1°45'43"	8°A49	14°54	25°57	13°34	24°16	18°40	8° 3	12°56	1°16	20°39	22°17	24°29	13°10
S 23	14 3 48	2°44'07"	23°46'	14°43	27°11	14°20	24°14	18°47	8° 6	12°57	1°18	20°32	22°14	24°35	13°10
S 24	14 7 44	3°42'29"	8°M55	14°38	28°25	15° 6	24°12	18°55	8°10	12°59	1°19	20°26	22°10	24°42	13° 9
M25	14 11 41	4°40'49"	2°A 5	14°D37	29°39	15°52	24° 9	19° 2	8°13	13° 1	1°20	20°21	22° 7	24°49	13° 9
T 26	14 15 38	5°39'08"	9°Y 8	14°41	0°B53	16°38	24° 6	19°10	8°17	13° 2	1°22	20°19	22° 4	24°55	13° 9
W27	14 19 34	6°37'25"	23°54'	14°50	2° 7	17°24	24° 3	19°18	8°20	13° 4	1°23	20°D19	22° 1	25° 2	13° 8
T 28	14 23 31	7°35'41"	8°B19	15° 4	3°21	18°10	24° 0	19°25	8°23	13° 5	1°25	20°19	21°58	25° 9	13° 8
F 29	14 27 27	8°33'55"	22°21'	15°23	4°35	18°55	23°57	19°33	8°27	13° 7	1°26	20°21	21°55	25°15	13° 7
S 30	14 31 24	9°B32'07"	5°A59	15°Y45	5°B49	19°Y41	23°A54	19°B41	8°B30	13°K 8	1°B27	20°R22	21°II51	25°B22	13°B 6

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	♆									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
F 1	4n26	24s36	1s44	13n 1	3n17	1s21	1s28	1s56	0s58	22s44	0n36	14n44	2s 2	13n25	0s26	7s47	0s54	3s40	16s26	23n15	23n18	15n44	16s18	6n34
S 2	4 49	23 43	2 48	13 0	3 17	0 51	1 28	1 38	0 57	22 45	0 36	14 46	2 2	13 26	0 26	7 47	0 54	3 39	16 26	23 15	23 17	15 46	16 17	6 35
S 3	5 12	21 31	3 42	12 55	3 16	0 22	1 28	1 19	0 57	22 45	0 36	14 48	2 2	13 27	0 26	7 46	0 54	3 39	16 26	23 14	23 17	15 49	16 16	6 35
M 4	5 35	18 14	4 22	12 47	3 14	0n 8	1 27	1 0	0 57	22 45	0 36	14 50	2 2	13 28	0 25	7 45	0 54	3 38	16 25	23 14	23 17	15 51	16 16	6 36
T 5	5 58	14 8	4 49	12 35	3 10	0 38	1 27	0 41	0 56	22 45	0 36	14 52	2 2	13 29	0 25	7 44	0 54	3 38	16 25	23 14	23 17	15 54	16 15	6 36
W 6	6 20	9 28	5 2	12 19	3 4	1 8	1 27	0 22	0 56	22 45	0 36	14 54	2 1	13 30	0 25	7 44	0 54	3 37	16 25	23 13	23 17	15 56	16 14	6 37
T 7	6 43	4 30	4 59	12 0	2 56	1 37	1 26	0 3	0 56	22 45	0 36	14 56	2 1	13 32	0 25	7 43	0 54	3 37	16 25	23 12	23 17	15 59	16 13	6 38
F 8	7 6	0n36	4 43	11 38	2 47	2 7	1 26	0n16	0 55	22 45	0 36	14 58	2 1	13 33	0 25	7 42	0 54	3 36	16 25	23 12	23 16	16 1	16 13	6 38
S 9	7 28	5 37	4 14	11 14	2 37	2 37	1 25	0 34	0 55	22 45	0 36	15 1	2 1	13 34	0 25	7 42	0 54	3 36	16 25	23 11	23 16	16 3	16 12	6 39
S 10	7 50	10 22	3 34	10 47	2 25	3 6	1 25	0 53	0 55	22 45	0 36	15 3	2 1	13 35	0 25	7 41	0 54	3 35	16 25	23 10	23 16	16 6	16 11	6 40
M11	8 12	14 42	2 45	10 18	2 12	3 36	1 24	1 12	0 54	22 45	0 36	15 5	2 1	13 36	0 25	7 40	0 54	3 35	16 25	23 10	23 16	16 8	16 10	6 40
T 12	8 34	18 28	1 49	9 49	1 58	4 6	1 23	1 31	0 54	22 45	0 36	15 7	2 1	13 37	0 25	7 39	0 54	3 34	16 25	23 9	23 16	16 11	16 10	6 41
W13	8 56	21 28	0 48	9 18	1 43	4 35	1 22	1 50	0 53	22 45	0 36	15 9	2 1	13 38	0 25	7 39	0 54	3 34	16 25	23 9	23 16	16 13	16 9	6 41
T 14	9 18	23 35	0n16	8 47	1 28	5 4	1 21	2 8	0 53	22 45	0 36	15 11	2 0	13 39	0 25	7 38	0 54	3 33	16 25	23 9	23 15	16 15	16 8	6 42
F 15	9 40	24 38	1 19	8 16	1 12	5 34	1 21	2 27	0 53	22 45	0 36	15 13	2 0	13 40	0 25	7 37	0 54	3 33	16 24	23 9	23 15	16 18	16 8	6 43
S 16	10 1 24	33 2 20	7 45	0 55	6 3	1 20	2 45	0 52	0 52	22 45	0 36	15 16	2 0	13 41	0 25	7 37	0 54	3 32	16 24	23 9	23 15	16 20	16 7	6 43
S 17	10 22	23 16	3 15	7 15	0 38	6 32	1 19	3 4	0 52	22 45	0 36	15 18	2 0	13 43	0 25	7 36	0 54	3 32	16 24	23 9	23 15	16 22	16 6	6 44
M18	10 43	20 46	4 3	6 47	0 21	7 1	1 17	3 22	0 51	22 45	0 36	15 20	2 0	13 44	0 25	7 35	0 54	3 31	16 24	23 9	23 15	16 25	16 6	6 45
T 19	11 4 17	7 4 40	6 20	0 5	7 29	1 16	3 41	0 51	0 51	22 45	0 36	15 22	2 0	13 45	0 25	7 35	0 54	3 31	16 24	23 9	23 15	16 27	16 5	6 45
W20	11 25	12 28	5 2	5 56	0s12	7 58	1 15	3 59	0 50	22 45	0 36	15 24	2 0	13 46	0 25	7 34	0 54	3 30	16 24	23 9	23 14	16 30	16 4	6 46
T 21	11 45	7 0	5 7	5 33	0 28	8 26	1 14	4 18	0 50	22 45	0 36	15 26	2 0	13 47	0 25	7 34	0 54	3 30	16 24	23 8	23 14	16 32	16 4	6 47
F 22	12 6	0 59	4 52	5 13	0 43	8 54	1 12	4 36	0 50	22 44	0 36	15 29	2 0	13 48	0 25	7 33	0 54	3 29	16 24	23 8	23 14	16 34	16 3	6 47
S 23	12 26	5s14	4 18	4 55	0 58	9 22	1 11	4 54	0 49	22 44	0 36	15 31	1 59	13 49	0 25	7 32	0 55	3 29	16 24	23 7	23 14	16 37	16 3	6 48
S 24	12 46	11 15	3 25	4 40	1 12	9 50	1 10	5 12	0 49	22 44	0 36	15 33	1 59	13 50	0 25	7 32	0 55	3 28	16 24					

SWISS EPHEMERIS for the year 1853

MAY 1853

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
S 1	14 35 20	10♈30'18	19♌15	16♍13	7♃ 3	20♍27	23°R50	19♋48	8♊34	13♐10	1♃29	20°R21	21♂48	25♄29	13°R 5
M 2	14 39 17	11°28'28	2♋12	16°44	8°17	21°12	23♌46	19°56	8°37	13°11	1°30	20♂19	21°45	25°35	13♄ 4
T 3	14 43 13	12°26'36	14°51	17°20	9°31	21°58	23°42	20° 4	8°41	13°12	1°31	20°16	21°42	25°42	13° 3
W 4	14 47 10	13°24'42	27°17	17°59	10°45	22°43	23°38	20°11	8°44	13°14	1°33	20°11	21°39	25°49	13° 2
T 5	14 51 7	14°22'47	9♍31	18°42	11°59	23°29	23°34	20°19	8°48	13°15	1°34	20° 5	21°36	25°55	13° 1
F 6	14 55 3	15°20'51	21°36	19°29	13°13	24°14	23°29	20°27	8°51	13°16	1°35	19°58	21°32	26° 2	13° 0
S 7	14 59 0	16°18'53	3♄33	20°19	14°27	24°59	23°25	20°35	8°55	13°18	1°37	19°52	21°29	26° 9	12°59
S 8	15 2 56	17°16'54	15°25	21°12	15°41	25°45	23°20	20°42	8°58	13°19	1°38	19°47	21°26	26°15	12°57
M 9	15 6 53	18°14'53	27°14	22° 9	16°55	26°30	23°15	20°50	9° 1	13°20	1°39	19°44	21°23	26°22	12°56
T 10	15 10 49	19°12'50	9♂ 1	23° 9	18° 9	27°15	23°10	20°58	9° 5	13°21	1°41	19°42	21°20	26°28	12°54
W 11	15 14 46	20°10'46	20°50	24°11	19°23	28° 0	23° 5	21° 6	9° 8	13°23	1°42	19°D41	21°16	26°35	12°53
T 12	15 18 42	21° 8'40	2♄42	25°17	20°37	28°45	23° 0	21°13	9°12	13°24	1°43	19°42	21°13	26°42	12°51
F 13	15 22 39	22° 6'33	14°41	26°25	21°51	29°30	22°54	21°21	9°15	13°25	1°45	19°43	21°10	26°48	12°49
S 14	15 26 36	23° 4'24	26°51	27°36	23° 4	0♃15	22°49	21°29	9°18	13°26	1°46	19°45	21° 7	26°55	12°47
S 15	15 30 32	24° 2'13	9♂17	28°50	24°18	1° 0	22°43	21°37	9°22	13°27	1°47	19°46	21° 4	27° 2	12°46
M 16	15 34 29	25° 0'00	22° 1	0♃ 7	25°32	1°45	22°37	21°44	9°25	13°28	1°49	19°R47	21° 1	27° 8	12°44
T 17	15 38 25	25°57'46	5♎ 9	1°25	26°46	2°30	22°31	21°52	9°29	13°29	1°50	19°47	20°57	27°15	12°42
W 18	15 42 22	26°55'30	18°43	2°47	28° 0	3°15	22°25	22° 0	9°32	13°30	1°51	19°45	20°54	27°22	12°39
T 19	15 46 18	27°53'12	2♁45	4°10	29°14	3°59	22°19	22° 8	9°35	13°31	1°52	19°43	20°51	27°28	12°37
F 20	15 50 15	28°50'53	17°13	5°37	0♂27	4°44	22°12	22°15	9°39	13°32	1°54	19°41	20°48	27°35	12°35
S 21	15 54 11	29°48'32	2♂ 4	7° 5	1°41	5°29	22° 6	22°23	9°42	13°33	1°55	19°38	20°45	27°42	12°33
S 22	15 58 8	0♂46'10	17°10	8°36	2°55	6°13	21°59	22°31	9°45	13°33	1°56	19°36	20°41	27°48	12°30
M 23	16 2 5	1°43'46	2♁24	10°10	4° 9	6°58	21°53	22°39	9°48	13°34	1°57	19°34	20°38	27°55	12°28
T 24	16 6 1	2°41'22	17°34	11°45	5°23	7°42	21°46	22°46	9°52	13°35	1°59	19°D34	20°35	28° 2	12°25
W 25	16 9 58	3°38'56	2♃33	13°23	6°36	8°27	21°39	22°54	9°55	13°36	2° 0	19°34	20°32	28° 8	12°23
T 26	16 13 54	4°36'29	17°12	15° 4	7°50	9°11	21°32	23° 2	9°58	13°36	2° 1	19°35	20°29	28°15	12°20
F 27	16 17 51	5°34'02	1♁26	16°47	9° 4	9°55	21°25	23° 9	10° 1	13°37	2° 2	19°36	20°26	28°22	12°18
S 28	16 21 47	6°31'33	15°15	18°32	10°18	10°40	21°18	23°17	10° 5	13°38	2° 3	19°37	20°22	28°28	12°15
S 29	16 25 44	7°29'04	28°37	20°19	11°31	11°24	21°11	23°24	10° 8	13°38	2° 5	19°38	20°19	28°35	12°12
M 30	16 29 40	8°26'33	11♋35	22° 9	12°45	12° 8	21° 3	23°32	10°11	13°39	2° 6	19°R38	20°16	28°42	12° 9
T 31	16 33 37	9♂24'02	24♋13	24♃ 1	13♂59	12♃52	20♁56	23♃40	10♃14	13♋39	2♃ 7	19♂37	20♂13	28♃48	12♃ 6

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	14n59	19s16	4s26	4n 5	2s30	12n58	0s58	7n17	0s45	22s43	0n35	15n48	1s59	13n58	0s25	7s28	0s55	3s25	16s24	23n 6	23n12	16n55	15s58	6n53
M 2	15 17	15 17	4 55	4 9	2 38	13 23	0 57	7 35	0 45	22 43	0 35	15 50	1 59	13 59	0 25	7 27	0 55	3 25	16 24	23 6	23 12	16 58	15 58	6 53
T 3	15 35	10 43	5 9	4 17	2 44	13 49	0 55	7 52	0 44	22 43	0 35	15 52	1 59	14 0	0 25	7 27	0 55	3 25	16 24	23 6	23 12	17 0	15 57	6 54
W 4	15 53	5 48	5 8	4 26	2 51	14 14	0 53	8 10	0 44	22 43	0 35	15 54	1 59	14 2	0 25	7 26	0 55	3 24	16 24	23 6	23 12	17 2	15 57	6 54
T 5	16 10	0 43	4 53	4 37	2 56	14 38	0 51	8 27	0 43	22 43	0 35	15 56	1 58	14 3	0 25	7 26	0 55	3 24	16 25	23 5	23 12	17 5	15 56	6 55
F 6	16 27	4n19	4 25	4 51	3 0	15 3	0 49	8 44	0 43	22 43	0 35	15 58	1 58	14 4	0 25	7 25	0 55	3 23	16 25	23 5	23 11	17 7	15 56	6 56
S 7	16 44	9 10	3 46	5 6	3 4	15 26	0 47	9 1	0 42	22 43	0 35	16 0	1 58	14 5	0 25	7 25	0 55	3 23	16 25	23 4	23 11	17 9	15 55	6 56
S 8	17 0	13 39	2 56	5 23	3 7	15 50	0 45	9 18	0 42	22 42	0 35	16 3	1 58	14 6	0 25	7 25	0 55	3 23	16 25	23 4	23 11	17 12	15 55	6 57
M 9	17 17	17 37	2 0	5 42	3 9	16 13	0 43	9 35	0 41	22 42	0 35	16 5	1 58	14 7	0 25	7 24	0 55	3 22	16 25	23 4	23 11	17 14	15 54	6 57
T 10	17 33	20 52	0 58	6 3	3 11	16 36	0 41	9 52	0 41	22 42	0 35	16 7	1 58	14 8	0 25	7 24	0 55	3 22	16 25	23 4	23 10	17 16	15 54	6 58
W 11	17 48	23 15	0n 6	6 25	3 12	16 58	0 39	10 9	0 40	22 42	0 35	16 9	1 58	14 9	0 25	7 23	0 55	3 22	16 25	23 3	23 10	17 19	15 53	6 58
T 12	18 4	24 37	1 11	6 49	3 12	17 20	0 37	10 25	0 40	22 41	0 35	16 11	1 58	14 10	0 25	7 23	0 55	3 21	16 25	23 3	23 10	17 21	15 53	6 59
F 13	18 19	24 51	2 13	7 14	3 11	17 41	0 34	10 42	0 39	22 41	0 35	16 13	1 58	14 11	0 25	7 22	0 55	3 21	16 25	23 3	23 10	17 23	15 53	7 0
S 14	18 33	23 55	3 10	7 40	3 10	18 2	0 32	10 58	0 39	22 41	0 35	16 15	1 58	14 13	0 25	7 22	0 55	3 21	16 25	23 3	23 10	17 26	15 52	7 0
S 15	18 48	21 48	4 0	8 8	3 8	18 23	0 30	11 14	0 38	22 41	0 35	16 17	1 58	14 14	0 25	7 22	0 55	3 20	16 25	23 3	23 9	17 28	15 52	7 1
M 16	19 2	18 35	4 39	8 37	3 6	18 43	0 28	11 30	0 37	22 40	0 35	16 19	1 58	14 15	0 25	7 21	0 55	3 20	16 25	23 3	23 9	17 30	15 52	7 1
T 17	19 16	14 21	5 5	9 7	3 3	19 2	0 25	11 46	0 37	22 40	0 35	16 21	1 58	14 16	0 25	7 21	0 55	3 20	16 26	23 3	23 9	17 33	15 51	7 2
W 18	19 29	9 18	5 15	9 38	2 59	19 21	0 23	12 2	0 36	22 40	0 35	16 23	1 58	14 17	0 25	7 21	0 55	3 19	16 26	23 3	23 9	17 35	15 51	7 2
T 19	19 42	3 36	5 7	10 11	2 55	19 40	0 21	12 18	0 36	22 40	0 35	16 25	1 58	14 18	0 25	7 20	0 55	3 19	16 26	23 3	23 9	17 37	15 51	7 3
F 20	19 55	2s27	4 40	10 44	2 50	19 58	0 19	12 33	0 35	22 39	0 34	16 27	1 58	14 19	0 25	7 20	0 55	3 19	16 26	23 3	23 8	17 39	15 50	7 3
S 21	20 8	8 33	3 53	11 18	2 45	20 15	0 16	12 49	0 35	22 39	0 34	16 29	1 58	14 20	0 25	7 20	0 56	3 18	16 26	23 3	23 8	17 42	15 50	7 4
S 22	20 20	14 16	2 50	11 53	2 39	20 32	0 14	13 4	0 34	22 39	0 34	16 31	1 58	14 21	0 25	7 20	0 56	3 18	16 26	23 3	23 8	17 44	15 50	7 4
M 23	20 31	19 8	1 34	12 28	2 32	20 48	0 12	13 19	0 33	22 38	0 34	16 33	1 58	14 22	0 25	7 19	0 56	3 18	16 26	23 3	23 8	17 46	15 50	7 5
T 24	20 43	22 42	0 11	13 4	2 25	21 4	0 9	13 34	0 33	22 38	0 34	16 35	1 58	14 23	0 25	7 19	0 56	3 18	16 27	23 3	23 7	17 48	15 49	7 5
W 25	20 54	24 37	1s11	13 41	2 18	21 19	0 7	13 49	0 32	22 38	0 34	16 37	1 58	14 24	0 25	7 19	0 56	3 17	16 27	23 3	23 7	17 51	15 49	7 6
T 26	21 5	24 47	2 27	14 18	2 10	21 34	0 4	14 4	0 32	22 37	0 34	16 39	1 58	14 25	0 25	7 18	0 56	3 17	16 27	23 3	23 7	17 53	15 49	7 6
F 27	21 15	23 18	3 32	14 55	2 1	21 48	0 2	14 19	0 31	22 37	0 34	16 41	1 58	14 26	0 25	7 18	0 56	3 17	16 27	23 3	23 7	17 55	15 49	7 7
S 28	21 25	20 27	4 22	15 33	1 53	22 1	0n 0	14 33	0 30	22 37	0 34	16 43	1 58	14 27	0 25	7 18	0 56	3 17	16 27	23 3	23 7	17 58	15 48	

SWISS EPHEMERIS for the year 1853

JUNE 1853

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♉	♊	♋	♌	♍
W 1	16 37 34	10 ^h 21 ^m 30 ^s	6 ^h 33 ^m	25 ^h 55 ^m	15 ^h 13 ^m	13 ^h 36 ^m	20 ^h R49	23 ^h 8 ^m 47 ^s	10 ^h 8 ^m 17 ^s	13 ^h 3 ^m 40 ^s	2 ^h 8 ^m 8 ^s	19 ^h R37	20 ^h 11 ^m 10 ^s	28 ^h 55 ^m	12 ^h R 3		
T 2	16 41 30	11 ^h 18 ^m 58 ^s	18 ^h 40 ^m	27 ^h 51 ^m	16 ^h 26 ^m	14 ^h 20 ^m	20 ^h 2 ^m 41 ^s	23 ^h 55 ^m	10 ^h 20 ^m	13 ^h 40 ^m	2 ^h 9 ^m	19 ^h II36	20 ^h 7 ^m	29 ^h 2 ^m	12 ^h R 0		
F 3	16 45 27	12 ^h 16 ^m 25 ^s	0 ^h 38 ^m	29 ^h 50 ^m	17 ^h 40 ^m	15 ^h 4 ^m	20 ^h 34 ^m	24 ^h 2 ^m	10 ^h 23 ^m	13 ^h 41 ^m	2 ^h 10 ^m	19 ^h 35 ^m	20 ^h 3 ^m	29 ^h 8 ^m	11 ^h 57 ^m		
S 4	16 49 23	13 ^h 13 ^m 51 ^s	12 ^h 29 ^m	1 ^h 50 ^m	18 ^h 54 ^m	15 ^h 48 ^m	20 ^h 26 ^m	24 ^h 10 ^m	10 ^h 26 ^m	13 ^h 41 ^m	2 ^h 11 ^m	19 ^h 34 ^m	20 ^h 0 ^m	29 ^h 15 ^m	11 ^h 54 ^m		
S 5	16 53 20	14 ^h 11 ^m 16 ^s	24 ^h 17 ^m	3 ^h 53 ^m	20 ^h 8 ^m	16 ^h 32 ^m	20 ^h 19 ^m	24 ^h 17 ^m	10 ^h 29 ^m	13 ^h 42 ^m	2 ^h 12 ^m	19 ^h 33 ^m	19 ^h 57 ^m	29 ^h 22 ^m	11 ^h 51 ^m		
M 6	16 57 16	15 ^h 8 ^m 40 ^s	6 ^h II 4	5 ^h 58 ^m	21 ^h 21 ^m	17 ^h 15 ^m	20 ^h 11 ^m	24 ^h 25 ^m	10 ^h 32 ^m	13 ^h 42 ^m	2 ^h 14 ^m	19 ^h 33 ^m	19 ^h 54 ^m	29 ^h 28 ^m	11 ^h 48 ^m		
T 7	17 1 13	16 ^h 6 ^m 04 ^s	17 ^h 54 ^m	8 ^h 4 ^m	22 ^h 35 ^m	17 ^h 59 ^m	20 ^h 4 ^m	24 ^h 32 ^m	10 ^h 35 ^m	13 ^h 42 ^m	2 ^h 15 ^m	19 ^h D32	19 ^h 51 ^m	29 ^h 35 ^m	11 ^h 44 ^m		
W 8	17 5 9	17 ^h 3 ^m 27 ^s	29 ^h 47 ^m	10 ^h 11 ^m	23 ^h 49 ^m	18 ^h 43 ^m	19 ^h 56 ^m	24 ^h 39 ^m	10 ^h 38 ^m	13 ^h 43 ^m	2 ^h 16 ^m	19 ^h 32 ^m	19 ^h 47 ^m	29 ^h 42 ^m	11 ^h 41 ^m		
T 9	17 9 6	18 ^h 0 ^m 49 ^s	11 ^h 54 ^m 47 ^s	12 ^h 20 ^m	25 ^h 2 ^m	19 ^h 26 ^m	19 ^h 48 ^m	24 ^h 47 ^m	10 ^h 41 ^m	13 ^h 43 ^m	2 ^h 17 ^m	19 ^h 33 ^m	19 ^h 44 ^m	29 ^h 48 ^m	11 ^h 38 ^m		
F 10	17 13 3	18 ^h 58 ^m 11 ^s	23 ^h 55 ^m	14 ^h 30 ^m	26 ^h 16 ^m	20 ^h 10 ^m	19 ^h 41 ^m	24 ^h 54 ^m	10 ^h 44 ^m	13 ^h 43 ^m	2 ^h 18 ^m	19 ^h 33 ^m	19 ^h 41 ^m	29 ^h 55 ^m	11 ^h 34 ^m		
S 11	17 16 59	19 ^h 55 ^m 31 ^s	6 ^h Ω 15	16 ^h 41 ^m	27 ^h 30 ^m	20 ^h 53 ^m	19 ^h 33 ^m	25 ^h 1 ^m	10 ^h 47 ^m	13 ^h 43 ^m	2 ^h 19 ^m	19 ^h R33	19 ^h 38 ^m	0 ^h II 1	11 ^h 31 ^m		
S 12	17 20 56	20 ^h 52 ^m 51 ^s	18 ^h 48 ^m	18 ^h 53 ^m	28 ^h 43 ^m	21 ^h 36 ^m	19 ^h 25 ^m	25 ^h 9 ^m	10 ^h 50 ^m	13 ^h 43 ^m	2 ^h 20 ^m	19 ^h 33 ^m	19 ^h 35 ^m	0 ^h 8 ^m	11 ^h 28 ^m		
M13	17 24 52	21 ^h 50 ^m 09 ^s	1 ^h 37 ^m 37 ^s	21 ^h 5 ^m	29 ^h 57 ^m	22 ^h 20 ^m	19 ^h 18 ^m	25 ^h 16 ^m	10 ^h 53 ^m	13 ^h 44 ^m	2 ^h 21 ^m	19 ^h 32 ^m	19 ^h 32 ^m	0 ^h 15 ^m	11 ^h 24 ^m		
T 14	17 28 49	22 ^h 47 ^m 27 ^s	14 ^h 46 ^m	23 ^h 17 ^m	15 ^h 11 ^m	23 ^h 3 ^m	19 ^h 10 ^m	25 ^h 23 ^m	10 ^h 55 ^m	13 ^h 44 ^m	2 ^h 22 ^m	19 ^h 32 ^m	19 ^h 28 ^m	0 ^h 21 ^m	11 ^h 21 ^m		
W15	17 32 45	23 ^h 44 ^m 44 ^s	28 ^h 15 ^m	25 ^h 29 ^m	2 ^h 24 ^m	23 ^h 46 ^m	19 ^h 2 ^m	25 ^h 30 ^m	10 ^h 58 ^m	13 ^h 44 ^m	2 ^h 22 ^m	19 ^h D32	19 ^h 25 ^m	0 ^h 28 ^m	11 ^h 17 ^m		
T 16	17 36 42	24 ^h 41 ^m 59 ^s	12 ^h II 7	27 ^h 40 ^m	3 ^h 38 ^m	24 ^h 29 ^m	18 ^h 55 ^m	25 ^h 37 ^m	11 ^h 1 ^m	13 ^h R44	2 ^h 23 ^m	19 ^h 33 ^m	19 ^h 22 ^m	0 ^h 35 ^m	11 ^h 13 ^m		
F 17	17 40 38	25 ^h 39 ^m 14 ^s	26 ^h 21 ^m	29 ^h 50 ^m	4 ^h 52 ^m	25 ^h 13 ^m	18 ^h 47 ^m	25 ^h 45 ^m	11 ^h 4 ^m	13 ^h 44 ^m	2 ^h 24 ^m	19 ^h 33 ^m	19 ^h 19 ^m	0 ^h 41 ^m	11 ^h 10 ^m		
S 18	17 44 35	26 ^h 36 ^m 29 ^s	10 ^h III 56	29 ^h 0 ^m	6 ^h 5 ^m	25 ^h 56 ^m	18 ^h 40 ^m	25 ^h 52 ^m	11 ^h 6 ^m	13 ^h 44 ^m	2 ^h 25 ^m	19 ^h 33 ^m	19 ^h 16 ^m	0 ^h 48 ^m	11 ^h 6 ^m		
S 19	17 48 32	27 ^h 33 ^m 43 ^s	25 ^h 47 ^m	4 ^h 8 ^m	7 ^h 19 ^m	26 ^h 38 ^m	18 ^h 32 ^m	25 ^h 59 ^m	11 ^h 9 ^m	13 ^h 44 ^m	2 ^h 26 ^m	19 ^h 34 ^m	19 ^h 13 ^m	0 ^h 55 ^m	11 ^h 2 ^m		
M20	17 52 28	28 ^h 30 ^m 56 ^s	10 ^h 2 ^m 48 ^s	6 ^h 15 ^m	8 ^h 33 ^m	27 ^h 21 ^m	18 ^h 25 ^m	26 ^h 6 ^m	11 ^h 11 ^m	13 ^h 44 ^m	2 ^h 27 ^m	19 ^h 34 ^m	19 ^h 9 ^m	1 ^h 1 ^m	10 ^h 59 ^m		
T 21	17 56 25	29 ^h 28 ^m 08 ^s	25 ^h 51 ^m	8 ^h 20 ^m	9 ^h 46 ^m	28 ^h 4 ^m	18 ^h 17 ^m	26 ^h 13 ^m	11 ^h 14 ^m	13 ^h 43 ^m	2 ^h 28 ^m	19 ^h R35	19 ^h 6 ^m	1 ^h 8 ^m	10 ^h 55 ^m		
W22	18 0 21	0 ^h 52 ^m 52 ^s	10 ^h 3 ^m 47 ^s	10 ^h 24 ^m	11 ^h 0 ^m	28 ^h 47 ^m	18 ^h 10 ^m	26 ^h 19 ^m	11 ^h 17 ^m	13 ^h 43 ^m	2 ^h 29 ^m	19 ^h 34 ^m	19 ^h 3 ^m	1 ^h 15 ^m	10 ^h 51 ^m		
T 23	18 4 18	1 ^h 22 ^m 33 ^s	25 ^h 29 ^m	12 ^h 26 ^m	12 ^h 13 ^m	29 ^h 30 ^m	18 ^h 3 ^m	26 ^h 26 ^m	11 ^h 19 ^m	13 ^h 43 ^m	2 ^h 29 ^m	19 ^h 33 ^m	19 ^h 0 ^m	1 ^h 21 ^m	10 ^h 48 ^m		
F 24	18 8 14	2 ^h 19 ^m 45 ^s	9 ^h 50 ^m	14 ^h 26 ^m	13 ^h 27 ^m	0 ^h II 12	17 ^h 55 ^m	26 ^h 33 ^m	11 ^h 22 ^m	13 ^h 43 ^m	2 ^h 30 ^m	19 ^h 32 ^m	18 ^h 57 ^m	1 ^h 28 ^m	10 ^h 44 ^m		
S 25	18 12 11	3 ^h 16 ^m 56 ^s	23 ^h 46 ^m	16 ^h 24 ^m	14 ^h 41 ^m	0 ^h 55 ^m	17 ^h 48 ^m	26 ^h 40 ^m	11 ^h 24 ^m	13 ^h 43 ^m	2 ^h 31 ^m	19 ^h 30 ^m	18 ^h 54 ^m	1 ^h 35 ^m	10 ^h 40 ^m		
S 26	18 16 8	4 ^h 14 ^m 08 ^s	7 ^h 3 ^m 15 ^s	18 ^h 20 ^m	15 ^h 54 ^m	1 ^h 38 ^m	17 ^h 41 ^m	26 ^h 47 ^m	11 ^h 26 ^m	13 ^h 42 ^m	2 ^h 32 ^m	19 ^h 28 ^m	18 ^h 50 ^m	1 ^h 41 ^m	10 ^h 36 ^m		
M27	18 20 4	5 ^h 11 ^m 19 ^s	20 ^h 18 ^m	20 ^h 14 ^m	17 ^h 8 ^m	2 ^h 20 ^m	17 ^h 34 ^m	26 ^h 53 ^m	11 ^h 29 ^m	13 ^h 42 ^m	2 ^h 32 ^m	19 ^h 27 ^m	18 ^h 47 ^m	1 ^h 48 ^m	10 ^h 33 ^m		
T 28	18 24 1	6 ^h 8 ^m 31 ^s	2 ^h 3 ^m 59 ^s	22 ^h 6 ^m	18 ^h 21 ^m	3 ^h 2 ^m	17 ^h 27 ^m	27 ^h 0 ^m	11 ^h 31 ^m	13 ^h 42 ^m	2 ^h 33 ^m	19 ^h D27	18 ^h 44 ^m	1 ^h 55 ^m	10 ^h 29 ^m		
W29	18 27 57	7 ^h 5 ^m 43 ^s	15 ^h 19 ^m	23 ^h 56 ^m	19 ^h 35 ^m	3 ^h 45 ^m	17 ^h 20 ^m	27 ^h 7 ^m	11 ^h 33 ^m	13 ^h 41 ^m	2 ^h 34 ^m	19 ^h 27 ^m	18 ^h 41 ^m	2 ^h 1 ^m	10 ^h 25 ^m		
T 30	18 31 54	8 ^h 5 ^m 25 ^s	27 ^h 3 ^m 24 ^s	25 ^h 54 ^m	20 ^h 54 ^m	4 ^h II 27	17 ^h 14 ^m	27 ^h 13 ^m	11 ^h 36 ^m	13 ^h 41 ^m	2 ^h 35 ^m	19 ^h II 28	18 ^h II 38	2 ^h II 8	10 ^h 21 ^m		

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♉		♊		♋		♌		♍	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n 1	2s 2	5s 3	18n 3	1s14	22n48	0n10	15n29	0s28	22s35	0n33	16n50	1s58	14n31	0s25	7s17	0s56	3s16	16s28	23n 3	23n 6	18n 7	15s48	7n 9								
T 2	22 9	3n 3	4 37	18 40	1 3	22 58	0 12	15 43	0 27	22 35	0 33	16 52	1 58	14 32	0 25	7 17	0 56	3 16	16 28	23 3	23 5	18 11	15 47	7 9								
F 3	22 17	7 58	3 59	19 16	0 53	23 8	0 15	15 57	0 27	22 34	0 33	16 54	1 58	14 33	0 25	7 17	0 56	3 16	16 28	23 3	23 5	18 11	15 47	7 9								
S 4	22 24	12 33	3 12	19 52	0 42	23 17	0 17	16 10	0 26	22 34	0 33	16 55	1 58	14 34	0 25	7 17	0 56	3 15	16 29	23 3	23 5	18 13	15 47	7 10								
S 5	22 31	16 40	2 16	20 26	0 31	23 25	0 19	16 23	0 25	22 33	0 33	16 57	1 58	14 35	0 25	7 17	0 56	3 15	16 29	23 3	23 5	18 15	15 47	7 10								
M 6	22 38	20 7	1 14	20 59	0 20	23 32	0 22	16 36	0 25	22 33	0 33	16 59	1 58	14 36	0 25	7 17	0 56	3 15	16 29	23 3	23 4	18 18	15 47	7 11								
T 7	22 44	22 45	0 9	21 31	0 9	23 39	0 24	16 49	0 24	22 33	0 33	17 1	1 58	14 37	0 25	7 17	0 56	3 15	16 29	23 3	23 4	18 20	15 47	7 11								
W 8	22 50	24 24	0n57	22 1	0n 1	23 45	0 26	17 2	0 24	22 32	0 33	17 3	1 58	14 38	0 25	7 17	0 56	3 15	16 29	23 3	23 4	18 22	15 47	7 11								

SWISS EPHEMERIS for the year 1853

JULY 1853

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Day	Sid.t	☉	☽	♀	♂	♂	♄	♃	♁	♂	♂	♂	♂	♂	♂
F 1	18 35 50	9°07'07	9°19'19	27°30'30	22°28'22	5°11'09	17°R 7	27°20'20	11°38'38	13°R40	2°35'35	19°II29	18°II34	2°II15	10°R17
S 2	18 39 47	9°57'20	21° 8	29°13	23°16	5°52	17°R 0	27°26	11°40	13°R40	2°36	19°31	18°31	2°21	10°R14
S 3	18 43 43	10°54'32	2°II56	0°II55	24°29	6°34	16°54	27°32	11°42	13°39	2°37	19°32	18°28	2°28	10°10
M 4	18 47 40	11°51'45	14°45	2°34	25°43	7°16	16°48	27°39	11°44	13°39	2°37	19°R33	18°25	2°35	10° 6
T 5	18 51 37	12°48'58	26°39	4°12	26°57	7°58	16°41	27°45	11°46	13°38	2°38	19°33	18°22	2°41	10° 2
W 6	18 55 33	13°46'11	8°41	5°47	28°10	8°40	16°35	27°51	11°48	13°38	2°38	19°31	18°19	2°48	9°58
T 7	18 59 30	14°43'24	20°53	7°20	29°24	9°22	16°29	27°57	11°50	13°37	2°39	19°29	18°15	2°54	9°55
F 8	19 3 26	15°40'38	3°II16	8°51	0°II37	10° 3	16°23	28° 3	11°52	13°36	2°39	19°26	18°12	3° 1	9°51
S 9	19 7 23	16°37'51	15°51	10°20	1°51	10°45	16°18	28° 9	11°54	13°36	2°40	19°21	18° 9	3° 8	9°47
S 10	19 11 19	17°35'05	28°40	11°46	3° 4	11°27	16°12	28°15	11°56	13°35	2°40	19°17	18° 6	3°14	9°43
M 11	19 15 16	18°32'18	11°II43	13°11	4°18	12° 8	16° 7	28°21	11°58	13°34	2°41	19°13	18° 3	3°21	9°39
T 12	19 19 12	19°29'32	25° 0	14°33	5°31	12°50	16° 1	28°27	12° 0	13°33	2°41	19°10	17°59	3°28	9°36
W 13	19 23 9	20°26'46	8°42	15°53	6°45	13°31	15°56	28°33	12° 1	13°33	2°42	19° 8	17°56	3°34	9°32
T 14	19 27 6	21°23'59	22°20	17°10	7°58	14°13	15°51	28°39	12° 3	13°32	2°42	19°D 7	17°53	3°41	9°28
F 15	19 31 2	22°21'13	6°II24	18°25	9°12	14°54	15°46	28°44	12° 5	13°31	2°43	19° 8	17°50	3°48	9°25
S 16	19 34 59	23°18'27	20°42	19°38	10°25	15°35	15°41	28°50	12° 6	13°30	2°43	19° 9	17°47	3°54	9°21
S 17	19 38 55	24°15'41	5°R12	20°48	11°39	16°17	15°37	28°55	12° 8	13°29	2°43	19°10	17°44	4° 1	9°17
M 18	19 42 52	25°12'55	19°51	21°56	12°52	16°58	15°32	29° 1	12° 9	13°28	2°44	19°R11	17°40	4° 8	9°14
T 19	19 46 48	26°10'10	4°R34	23° 1	14° 6	17°39	15°28	29° 6	12°11	13°27	2°44	19°10	17°37	4°14	9°10
W 20	19 50 45	27° 7'25	19°14	24° 3	15°19	18°20	15°24	29°12	12°12	13°26	2°44	19° 8	17°34	4°21	9° 7
T 21	19 54 41	28° 4'41	3°R45	25° 2	16°33	19° 1	15°20	29°17	12°14	13°25	2°44	19° 3	17°31	4°28	9° 3
F 22	19 58 38	29° 1'57	18° 0	25°59	17°46	19°42	15°16	29°22	12°15	13°24	2°45	18°58	17°28	4°34	9° 0
S 23	20 2 35	29°59'14	1°R54	26°52	19° 0	20°23	15°13	29°27	12°16	13°23	2°45	18°51	17°25	4°41	8°56
S 24	20 6 31	0°II56'31	15°25	27°42	20°13	21° 3	15° 9	29°32	12°18	13°22	2°45	18°45	17°21	4°48	8°53
M 25	20 10 28	1°53'50	28°30	28°29	21°27	21°44	15° 6	29°37	12°19	13°21	2°45	18°40	17°18	4°54	8°50
T 26	20 14 24	2°51'09	11°R13	29°12	22°40	22°25	15° 3	29°42	12°20	13°20	2°45	18°36	17°15	5° 1	8°46
W 27	20 18 21	3°48'29	23°35	29°52	23°53	23° 5	15° 0	29°47	12°21	13°19	2°46	18°33	17°12	5° 7	8°43
T 28	20 22 17	4°45'51	5°R41	0°II28	25° 7	23°46	14°57	29°52	12°22	13°17	2°46	18°D33	17° 9	5°14	8°40
F 29	20 26 14	5°43'13	17°36	1° 0	26°20	24°26	14°54	29°56	12°23	13°16	2°46	18°33	17° 5	5°21	8°37
S 30	20 30 10	6°40'37	29°25	1°27	27°33	25° 7	14°52	0°II 1	12°24	13°15	2°46	18°35	17° 2	5°27	8°34
S 31	20 34 7	7°II38'02	11°II13	1°II50	28°II47	25°II47	14°R50	0°II 5	12°R25	13°R14	2°R46	18°II36	16°II59	5°II34	8°R31

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
F 1	23n 9	11n23	3s24	22n 27	1n48	22n50	1n12	21n 3	0s 8	22s21	0n29	17n39	1s59	14n56	0s25	7s18	0s57	3s14	16s35	23n 3	22n58	19n12	15s49	7n16
S 2	23 5	15 38	2 31	22n 27	1 45	22 40	1 13	21 11	0 7	22 20	0 29	17 40	1 59	14 57	0 25	7 19	0 57	3 14	16 36	23 3	22 58	19 14	15 49	7 16
S 3	23 1	19 17	1 30	21 36	1 41	22 28	1 15	21 19	0 6	22 20	0 29	17 41	1 59	14 57	0 25	7 19	0 57	3 14	16 36	23 3	22 57	19 17	15 49	7 16
M 4	22 56	22 9	0 26	21 10	1 36	22 16	1 16	21 27	0 6	22 20	0 29	17 43	1 59	14 58	0 25	7 19	0 57	3 14	16 36	23 3	22 57	19 19	15 50	7 16
T 5	22 50	24 4	0n39	20 42	1 31	22 3	1 18	21 34	0 5	22 19	0 29	17 44	2 0	14 59	0 25	7 19	0 57	3 15	16 37	23 3	22 57	19 21	15 50	7 16
W 6	22 45	24 54	1 43	20 13	1 25	21 50	1 19	21 42	0 4	22 19	0 28	17 45	2 0	14 59	0 25	7 20	0 57	3 15	16 37	23 3	22 57	19 23	15 50	7 16
T 7	22 39	24 32	2 44	19 44	1 19	21 36	1 20	21 49	0 4	22 18	0 28	17 47	2 0	15 0	0 25	7 20	0 57	3 15	16 37	23 3	22 56	19 25	15 50	7 16
F 8	22 32	22 58	3 38	19 13	1 12	21 21	1 21	21 56	0 3	22 18	0 28	17 48	2 0	15 0	0 25	7 20	0 57	3 15	16 38	23 3	22 56	19 27	15 51	7 16
S 9	22 25	20 15	4 21	18 43	1 5	21 6	1 23	22 3	0 2	22 17	0 28	17 49	2 0	15 1	0 25	7 20	0 57	3 15	16 38	23 3	22 56	19 29	15 51	7 16
S 10	22 18	16 31	4 53	18 11	0 57	20 51	1 24	22 9	0 1	22 17	0 28	17 50	2 0	15 2	0 25	7 21	0 58	3 15	16 38	23 3	22 56	19 31	15 51	7 16
M 11	22 10	11 57	5 10	17 40	0 49	20 34	1 25	22 15	0 1	22 17	0 27	17 51	2 0	15 2	0 25	7 21	0 58	3 15	16 39	23 3	22 55	19 33	15 52	7 16
T 12	22 2	6 45	5 11	17 8	0 41	20 17	1 26	22 21	0n 0	22 16	0 27	17 53	2 0	15 3	0 25	7 21	0 58	3 15	16 39	23 3	22 55	19 36	15 52	7 16
W 13	21 54	1 8	4 55	16 36	0 32	20 0	1 26	22 27	0 1	22 16	0 27	17 54	2 0	15 3	0 25	7 22	0 58	3 16	16 39	23 3	22 55	19 38	15 52	7 16
T 14	21 45	4s39	4 22	16 4	0 22	19 42	1 27	22 33	0 2	22 16	0 27	17 55	2 0	15 4	0 25	7 22	0 58	3 16	16 39	23 3	22 54	19 40	15 53	7 16
F 15	21 36	10 19	3 33	15 31	0 13	19 23	1 28	22 39	0 2	22 15	0 27	17 56	2 1	15 4	0 26	7 22	0 58	3 16	16 40	23 3	22 54	19 42	15 53	7 16
S 16	21 27	15 32	2 29	14 59	0 3	19 4	1 29	22 44	0 3	22 15	0 27	17 57	2 1	15 5	0 26	7 23	0 58	3 16	16 40	23 3	22 54	19 44	15 53	7 16
S 17	21 17	19 57	1 16	14 27	0s 8	18 44	1 29	22 49	0 4	22 15	0 26	17 58	2 1	15 5	0 26	7 23	0 58	3 16	16 40	23 3	22 54	19 46	15 54	7 15
M 18	21 7	23 8	0s 4	13 55	0 19	18 24	1 30	22 54	0 5	22 14	0 26	17 59	2 1	15 6	0 26	7 24	0 58	3 17	16 41	23 3	22 53	19 48	15 54	7 15
T 19	20 56	24 46	1 23	13 23	0 30	18 3	1 30	22 58	0 5	22 14	0 26	18 0	2 1	15 6	0 26	7 24	0 58	3 17	16 41	23 3	22 53	19 50	15 54	7 15
W 20	20 45	24 39	2 36	12 52	0 41	17 42	1 31	23 3	0 6	22 14	0 26	18 1	2 1	15 6	0 26	7 24	0 58	3 17	16 41	23 3	22 53	19 52	15 55	7 15
T 21	20 34	22 52	3 39	12 22	0 53	17 20	1 31	23 7	0 7	22 14	0 26	18 2	2 1	15 7	0 26	7 25	0 58	3 17	16 42	23 3	22 52	19 54	15 55	7 15
F 22	20 22	19 40	4 26	11 51	1 4	16 58	1 31	23 11	0 8	22 13	0 25	18 3	2 1	15 7	0 26	7 25	0 58	3 17	16 42	23 3	22 52	19 56	15 55	7 15
S 23	20 10	15 25	4 56	11 22	1 17	16 35	1 32	23 15	0 8	22 13	0 25	18 4	2 2	15 8	0 26	7 26	0 58	3 18	16 42	22 59	22 52</			

SWISS EPHEMERIS for the year 1853

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	20 38 4	8Ω35'28	23Π 5	2♍ 9	0♍ 0	26Π27	14°R48	0Π10	12♌26	13°R12	2♌46	18°R36	16Π56	5Π41	8°R27	
T 2	20 42 0	9°32'55	5♌ 5	2°23	1°14	27° 7	14♌46	0°14	12♌27	13°R11	2°R46	18Π34	16°53	5°47	8♌24	
W 3	20 45 57	10°30'23	17°17	2°32	2°27	27°47	14°44	0°18	12°28	13°10	2°46	18°31	16°50	5°54	8°22	
T 4	20 49 53	11°27'53	29°42	2°R36	3°40	28°27	14°43	0°22	12°28	13° 8	2°46	18°25	16°46	6° 1	8°19	
F 5	20 53 50	12°25'23	12Ω22	2°35	4°54	29° 7	14°41	0°26	12°29	13° 7	2°46	18°17	16°43	6° 7	8°16	
S 6	20 57 46	13°22'54	25°18	2°28	6° 7	29°47	14°40	0°30	12°30	13° 6	2°46	18° 8	16°40	6°14	8°13	
S 7	21 1 43	14°20'27	8♍29	2°17	7°20	0♌27	14°39	0°34	12°30	13° 4	2°46	17°58	16°37	6°21	8°10	
M 8	21 5 39	15°18'00	21°53	1°59	8°33	1° 7	14°39	0°38	12°31	13° 3	2°46	17°49	16°34	6°27	8° 8	
T 9	21 9 36	16°15'34	5♌28	1°37	9°47	1°47	14°38	0°42	12°31	13° 2	2°46	17°42	16°31	6°34	8° 5	
W10	21 13 33	17°13'09	19°13	1° 9	11° 0	2°26	14°38	0°45	12°32	13° 0	2°45	17°36	16°27	6°41	8° 3	
T 11	21 17 29	18°10'45	3♍ 7	0°36	12°13	3° 6	14°D38	0°49	12°32	12°59	2°45	17°33	16°24	6°47	8° 0	
F 12	21 21 26	19° 8'22	17° 8	29Ω59	13°26	3°45	14°38	0°52	12°32	12°57	2°45	17°D32	16°21	6°54	7°58	
S 13	21 25 22	20° 6'00	1♌16	29°17	14°40	4°24	14°38	0°56	12°33	12°56	2°45	17°32	16°18	7° 0	7°55	
S 14	21 29 19	21° 3'39	15°29	28°32	15°53	5° 4	14°38	0°59	12°33	12°54	2°45	17°R33	16°15	7° 7	7°53	
M15	21 33 15	22° 1'19	29°46	27°44	17° 6	5°43	14°39	1° 2	12°33	12°53	2°44	17°32	16°11	7°14	7°51	
T 16	21 37 12	22°59'00	14♌ 4	26°53	18°19	6°22	14°39	1° 5	12°33	12°51	2°44	17°30	16° 8	7°20	7°49	
W17	21 41 8	23°56'42	28°20	26° 2	19°32	7° 1	14°40	1° 8	12°33	12°50	2°44	17°25	16° 5	7°27	7°47	
T 18	21 45 5	24°54'26	12♌29	25°10	20°45	7°40	14°41	1° 11	12°R33	12°48	2°43	17°17	16° 2	7°34	7°45	
F 19	21 49 2	25°52'10	26°27	24°18	21°58	8°19	14°43	1°14	12°33	12°47	2°43	17° 7	15°59	7°40	7°43	
S 20	21 52 58	26°49'56	10♌ 8	23°29	23°11	8°58	14°44	1°16	12°33	12°45	2°43	16°56	15°56	7°47	7°41	
S 21	21 56 55	27°47'44	23°30	22°42	24°24	9°37	14°46	1°19	12°33	12°43	2°42	16°45	15°52	7°54	7°39	
M22	22 0 51	28°45'33	6♍31	22° 0	25°37	10°16	14°48	1°21	12°33	12°42	2°42	16°35	15°49	8° 0	7°37	
T 23	22 4 48	29°43'23	19°11	21°22	26°50	10°54	14°50	1°24	12°33	12°40	2°42	16°27	15°46	8° 7	7°36	
W24	22 8 44	0♍41'16	1♌32	20°49	28° 3	11°33	14°52	1°26	12°32	12°39	2°41	16°21	15°43	8°14	7°34	
T 25	22 12 41	1°39'10	13°38	20°23	29°16	12°11	14°54	1°28	12°32	12°37	2°41	16°18	15°40	8°20	7°33	
F 26	22 16 37	2°37'06	25°33	20° 4	0♌29	12°50	14°57	1°30	12°32	12°35	2°40	16°16	15°37	8°27	7°31	
S 27	22 20 34	3°35'04	7Π22	19°53	1°42	13°28	15° 0	1°32	12°31	12°34	2°40	16°D16	15°33	8°33	7°30	
S 28	22 24 31	4°33'04	19°11	19°D50	2°55	14° 7	15° 3	1°34	12°31	12°32	2°39	16°R16	15°30	8°40	7°29	
M29	22 28 27	5°31'06	1♌ 4	19°55	4° 8	14°45	15° 6	1°36	12°30	12°31	2°39	16°15	15°27	8°47	7°27	
T 30	22 32 24	6°29'09	13° 8	20° 8	5°21	15°23	15° 9	1°37	12°30	12°29	2°38	16°13	15°24	8°53	7°26	
W31	22 36 20	7♍27'15	25♌27	20Ω29	6♌34	16♌ 1	15°12	1°39	12♌29	12♌27	2♌38	16Π 8	15Π21	9Π 0	7♌25	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
M 1	18n 8	23n41	0n24	7n46	3s 9	12n53	1n30	23n40	0n15	22s12	0n24	18n12	2s 3	15n10	0s26	7s30
T 2	17 53	24 49	1 28	7 30	3 21	12 27	1 30	23 42	0 16	22 12	0 23	18 13	2 3	15 11	0 26	7 31
W 3	17 37	24 47	2 28	7 16	3 33	12 0	1 29	23 43	0 17	22 12	0 23	18 13	2 3	15 11	0 26	7 31
T 4	17 21	23 32	3 22	7 4	3 44	11 33	1 29	23 45	0 18	22 12	0 23	18 14	2 3	15 11	0 26	7 32
F 5	17 5 21	4 4	8 8	6 54	3 55	11 5	1 28	23 46	0 18	22 12	0 23	18 15	2 3	15 11	0 26	7 32
S 6	16 49	17 31	4 41	6 47	4 5	10 38	1 27	23 47	0 19	22 12	0 23	18 15	2 4	15 11	0 26	7 33
S 7	16 33	13 3	5 1	6 43	4 15	10 10	1 26	23 47	0 20	22 12	0 22	18 16	2 4	15 12	0 26	7 33
M 8	16 16	7 53	5 4	6 41	4 23	9 41	1 25	23 48	0 21	22 12	0 22	18 17	2 4	15 12	0 26	7 34
T 9	15 59	2 16	4 51	6 42	4 30	9 13	1 25	23 48	0 22	22 12	0 22	18 17	2 4	15 12	0 26	7 34
W10	15 41	3s31	4 20	6 46	4 37	8 44	1 23	23 49	0 22	22 13	0 22	18 18	2 4	15 12	0 26	7 35
T 11	15 24	9 12	3 34	6 52	4 42	8 15	1 22	23 49	0 23	22 13	0 22	18 18	2 4	15 12	0 26	7 36
F 12	15 6 14	29 2	3 35	7 2	4 45	7 46	1 21	23 48	0 24	22 13	0 22	18 19	2 5	15 12	0 26	7 36
S 13	14 48	19 2	1 26	7 15	4 47	7 16	1 20	23 48	0 25	22 13	0 21	18 20	2 5	15 12	0 26	7 37
S 14	14 29	22 29	0 11	7 30	4 47	6 47	1 19	23 47	0 26	22 13	0 21	18 20	2 5	15 12	0 26	7 37
M15	14 11	24 32	1s 5	7 48	4 46	6 17	1 17	23 46	0 26	22 14	0 21	18 21	2 5	15 12	0 26	7 38
T 16	13 52	24 59	2 16	8 8	4 42	5 47	1 16	23 45	0 27	22 14	0 21	18 21	2 5	15 12	0 26	7 39
W17	13 33	23 46	3 19	8 31	4 37	5 17	1 14	23 44	0 28	22 14	0 21	18 21	2 5	15 12	0 26	7 39
T 18	13 14	21 3	4 9	8 55	4 29	4 47	1 12	23 43	0 29	22 14	0 20	18 22	2 6	15 12	0 26	7 40
F 19	12 54	17 9	4 43	9 20	4 20	4 16	1 11	23 41	0 30	22 15	0 20	18 22	2 6	15 12	0 26	7 40
S 20	12 35	12 24	5 0	9 47	4 9	3 46	1 9	23 40	0 30	22 15	0 20	18 23	2 6	15 12	0 26	7 41
S 21	12 15	7 11	5 0	10 13	3 57	3 15	1 7	23 38	0 31	22 15	0 20	18 23	2 6	15 12	0 26	7 42
M22	11 55	1 46	4 44	10 40	3 43	2 44	1 5	23 36	0 32	22 16	0 20	18 23	2 6	15 12	0 26	7 42
T 23	11 35	3n35	4 15	11 7	3 27	2 14	1 3	23 33	0 33	22 16	0 20	18 24	2 6	15 12	0 26	7 43
W24	11 14	8 40	3 34	11 33	3 11	1 43	1 2	23 31	0 34	22 17	0 19	18 24	2 7	15 12	0 26	7 44
T 25	10 54	13 20	2 44	11 57	2 54	1 12	0 59	23 28	0 34	22 17	0 19	18 24	2 7	15 12	0 26	7 44
F 26	10 33	17 25	1 48	12 20	2 36	0 41	0 57	23 26	0 35	22 18	0 19	18 24	2 7	15 12	0 26	7 45
S 27	10 12	20 47	0 47	12 41	2 18	0 10	0 55	23 23	0 36	22 18	0 19	18 25	2 7	15 12	0 26	7 45
S 28	9 51	23 16	0n15	13 0	1 59	0s21	0 53	23 19	0 37	22 19	0 19	18 25	2 7	15 11	0 26	7 46
M29	9 30	24 45	1 18	13 16	1 40	0 52	0 51	23 16	0 38	22 19	0 19	18 25	2 8	15 11	0 26	7 47
T 30	9 8 25	5 2	1 17	13 29	1 22	1 23	0 48	23 13	0 39	22 20	0 18	18 25	2 8	15 11	0 26	7 47
W31	8n47	24n12	3n12	13n40	1s 4	1s54	0n46	23n 9	0n39	22s20	0n18	18n25	2s 8	15n11	0s26	7s48

Julian Day Number = 2398066.5, Delta T = 7.27 sec
 Ecliptic obliquity = 23°27'32, Nutation = - 0°00'16
 Ayanamsha: Fagan/Bradley = 22°41'45, Lahiri = 21°48'45

SWISS EPHEMERIS for the year 1853

SEPTEMBER 1853

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♄	♅	♆	♇
T 1	22 40 17	8♎25'22	8♏ 3	21♏ 0	7♎47	16♏39	15♎16	1♏40	12°R28	12°R26	2°R37	16°R 0	15♏17	9♏ 7	7°R24	
F 2	22 44 13	9°23'31	20°59	21°38	9° 0	17°17	15°20	1°42	12♎28	12♎24	2♎36	15♏50	15°14	9°13	7♎23	
S 3	22 48 10	10°21'42	4♎15	22°24	10°12	17°55	15°24	1°43	12°27	12°22	2°36	15°38	15°11	9°20	7°23	
S 4	22 52 6	11°19'54	17°49	23°18	11°25	18°32	15°28	1°44	12°26	12°21	2°35	15°25	15° 8	9°27	7°22	
M 5	22 56 3	12°18'08	1♎38	24°19	12°38	19°10	15°32	1°45	12°25	12°19	2°35	15°14	15° 5	9°33	7°21	
T 6	23 0 0	13°16'24	15°39	25°27	13°51	19°48	15°37	1°46	12°24	12°17	2°34	15° 4	15° 2	9°40	7°21	
W 7	23 3 56	14°14'42	29°46	26°42	15° 3	20°25	15°41	1°47	12°23	12°16	2°33	14°56	14°58	9°47	7°20	
T 8	23 7 53	15°13'01	13♎56	28° 2	16°16	21° 3	15°46	1°47	12°22	12°14	2°32	14°51	14°55	9°53	7°20	
F 9	23 11 49	16°11'22	28° 7	29°28	17°29	21°40	15°51	1°48	12°21	12°12	2°32	14°49	14°52	10° 0	7°19	
S 10	23 15 46	17° 9'44	12♎15	0♎58	18°41	22°17	15°56	1°48	12°20	12°11	2°31	14°49	14°49	10° 7	7°19	
S 11	23 19 42	18° 8'08	26°21	2°33	19°54	22°54	16° 2	1°49	12°19	12° 9	2°30	14°49	14°46	10°13	7°19	
M12	23 23 39	19° 6'34	10♎23	4°12	21° 7	23°31	16° 7	1°49	12°18	12° 8	2°30	14°48	14°43	10°20	7°D19	
T13	23 27 35	20° 5'01	24°20	5°53	22°19	24° 8	16°13	1°49	12°17	12° 6	2°29	14°45	14°39	10°26	7°19	
W14	23 31 32	21° 3'29	8♎11	7°37	23°32	24°45	16°19	1°49	12°16	12° 4	2°28	14°39	14°36	10°33	7°19	
T15	23 35 29	22° 2'00	21°55	9°23	24°44	25°22	16°25	1°49	12°14	12° 3	2°27	14°30	14°33	10°40	7°19	
F16	23 39 25	23° 0'32	5♎28	11°11	25°57	25°59	16°31	1°49	12°13	12° 1	2°26	14°19	14°30	10°46	7°19	
S17	23 43 22	23°59'05	18°48	13° 1	27° 9	26°35	16°37	1°49	12°12	11°59	2°25	14° 7	14°27	10°53	7°20	
S18	23 47 18	24°57'41	1°V53	14°51	28°21	27°12	16°43	1°48	12°10	11°58	2°25	13°54	14°23	11° 0	7°20	
M19	23 51 15	25°56'19	14°42	16°41	29°34	27°48	16°50	1°48	12° 9	11°56	2°24	13°43	14°20	11° 6	7°21	
T20	23 55 11	26°54'59	27°13	18°32	0♎46	28°25	16°57	1°47	12° 7	11°55	2°23	13°33	14°17	11°13	7°21	
W21	23 59 8	27°53'40	9♎30	20°24	1°58	29° 1	17° 3	1°46	12° 6	11°53	2°22	13°26	14°14	11°20	7°22	
T22	0 3 4	28°52'25	21°32	22°15	3°11	29°37	17°10	1°46	12° 4	11°51	2°21	13°21	14°11	11°26	7°23	
F23	0 7 1	29°51'11	3♏26	24° 6	4°23	0♏13	17°18	1°45	12° 2	11°50	2°20	13°19	14° 8	11°33	7°24	
S24	0 10 57	0♎49'59	15°14	25°56	5°35	0°49	17°25	1°44	12° 1	11°48	2°19	13°D19	14° 4	11°40	7°24	
S25	0 14 54	1°48'50	27° 2	27°46	6°47	1°25	17°32	1°42	11°59	11°47	2°18	13°R19	14° 1	11°46	7°25	
M26	0 18 51	2°47'43	8♎56	29°35	7°59	2° 1	17°40	1°41	11°57	11°45	2°17	13°19	13°58	11°53	7°26	
T27	0 22 47	3°46'39	21° 0	1♎24	9°12	2°36	17°47	1°40	11°56	11°44	2°16	13°18	13°55	11°59	7°28	
W28	0 26 44	4°45'37	3♏21	3°12	10°24	3°12	17°55	1°38	11°54	11°42	2°15	13°14	13°52	12° 6	7°29	
T29	0 30 40	5°44'37	16° 1	4°59	11°36	3°47	18° 3	1°37	11°52	11°41	2°14	13° 8	13°48	12°13	7°30	
F30	0 34 37	6°43'39	29♏ 6	6♎46	12♎48	4♏23	18♎11	1♏35	11♎50	11♎39	2♎13	13♏ 0	13♏45	12♏19	7♎32	

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♄	♅	♆	♇									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	8n25	22n 6	3n58	13n47	0s46	2s25	0n43	23n 5	0n40	22s21	0n18	18n25	2s 8	15n11	0s26	7s49	0s59	3s32	16s55	22n43	22n39	21n17	16s16	7n 0
F 2	8 3	18 49	4 33	13 51	0 29	2 56	0 41	23 1	0 41	22 21	0 18	18 25	2 8	15 10	0 26	7 49	0 59	3 32	16 55	22 42	22 38	21 19	16 16	7 0
S 3	7 41	14 32	4 55	13 51	0 13	3 27	0 38	22 57	0 42	22 22	0 18	18 25	2 8	15 10	0 26	7 50	0 59	3 33	16 55	22 41	22 38	21 21	16 17	6 59
S 4	7 19	9 25	5 0	13 48	0n 3	3 58	0 36	22 53	0 43	22 23	0 18	18 25	2 9	15 10	0 26	7 51	0 59	3 33	16 56	22 40	22 38	21 23	16 17	6 59
M 5	6 57	3 45	4 48	13 42	0 17	4 29	0 33	22 49	0 44	22 23	0 17	18 26	2 9	15 10	0 26	7 51	0 59	3 34	16 56	22 38	22 37	21 25	16 18	6 58
T 6	6 35	2s10	4 19	13 32	0 31	5 0	0 30	22 44	0 45	22 24	0 17	18 26	2 9	15 9	0 26	7 52	0 59	3 34	16 56	22 37	22 37	21 27	16 18	6 58
W 7	6 12	8 3	3 34	13 18	0 43	5 31	0 28	22 39	0 45	22 24	0 17	18 25	2 9	15 9	0 26	7 52	0 59	3 35	16 57	22 36	22 37	21 28	16 19	6 57
T 8	5 50	13 34	2 35	13 1	0 55	6 1	0 25	22 34	0 46	22 25	0 17	18 25	2 9	15 9	0 26	7 53	0 59	3 35	16 57	22 36	22 36	21 30	16 19	6 57
F 9	5 27	18 20	1 27	12 41	1 5	6 32	0 22	22 29	0 47	22 26	0 17	18 25	2 10	15 8	0 26	7 54	0 59	3 36	16 57	22 36	22 36	21 32	16 20	6 56
S 10	5 4	22 3	0 14	12 17	1 14	7 2	0 19	22 24	0 48	22 27	0 17	18 25	2 10	15 8	0 26	7 54	0 59	3 36	16 57	22 36	22 36	21 34	16 20	6 56
S 11	4 42	24 25	1s 1	11 51	1 22	7 32	0 16	22 19	0 49	22 27	0 16	18 25	2 10	15 8	0 26	7 55	0 59	3 37	16 58	22 36	22 35	21 36	16 21	6 55
M12	4 19	25 14	2 11	11 22	1 29	8 2	0 13	22 13	0 50	22 28	0 16	18 25	2 10	15 7	0 26	7 56	0 59	3 37	16 58	22 36	22 35	21 38	16 21	6 55
T13	3 56	24 26	3 13	10 50	1 35	8 32	0 10	22 8	0 51	22 29	0 16	18 25	2 10	15 7	0 26	7 56	0 59	3 37	16 58	22 35	22 35	21 39	16 22	6 54
W14	3 33	22 8	4 3	10 16	1 40	9 2	0 7	22 2	0 51	22 29	0 16	18 25	2 10	15 7	0 26	7 57	0 59	3 38	16 58	22 34	22 34	21 41	16 22	6 54
T15	3 10	18 36	4 38	9 39	1 44	9 31	0 4	21 56	0 52	22 30	0 16	18 25	2 11	15 6	0 26	7 58	0 59	3 38	16 58	22 33	22 34	21 43	16 23	6 53
F16	2 47	14 7	4 57	9 1	1 47	10 1	0 1	21 50	0 53	22 31	0 16	18 24	2 11	15 6	0 26	7 58	0 59	3 39	16 59	22 32	22 32	21 45	16 23	6 53
S17	2 23	9 1	5 0	8 21	1 49	10 30	0s 2	21 44	0 54	22 32	0 15	18 24	2 11	15 5	0 26	7 59	0 59	3 39	16 59	22 31	22 33	21 47	16 24	6 52
S18	2 0	3 37	4 46	7 40	1 50	10 59	0 5	21 38	0 55	22 33	0 15	18 24	2 11	15 5	0 26	7 59	0 59	3 40	16 59	22 29	22 33	21 48	16 24	6 52
M19	1 37	1n49	4 18	6 57	1 50	11 27	0 8	21 32	0 56	22 33	0 15	18 24	2 11	15 4	0 26	8 0	0 59	3 40	16 59	22 28	22 32	21 50	16 25	6 51
T20	1 14	7 5	3 39	6 13	1 50	11 56	0 11	21 25	0 57	22 34	0 15	18 23	2 11	15 4	0 26	8 1	0 59	3 41	16 59	22 27	22 32	21 52	16 25	6 50
W21	0 50	11 59	2 49	5 29	1 49	12 24	0 15	21 19	0 58	22 35	0 15	18 23	2 12	15 4	0 26	8 1	0 59	3 41	17 0	22 26	22 32	21 54	16 26	6 50
T22	0 27	16 21	1 53	4 43	1 47	12 52	0 18	21 12	0 59	22 36	0 15	18 23	2 12	15 3	0 26	8 2	0 59	3 42	17 0	22 25	22 31	21 56	16 26	6 49
F23	0 4	20 0	0 52	3 57	1 45	13 19	0 21	21 5	0 59	22 37	0 15	18 22	2 12	15 3	0 26	8 2	0 59	3 42	17 0	22 25	22 31	21 57	16 27	6 49
S24	0s20	22 49	0n10	3 11	1 42	13 47	0 24	20 58	1 0	22 37	0 14	18 22	2 12	15 2	0 26	8 3	0 59	3 43	17 0	22 25	22 30	21 59	16 27	6 48
S25	0 43	24 38	1 12	2 24	1 39	14 14	0 28	20 51	1 1	22 38	0 14	18 22	2 12	15 2	0 26	8 4	0 59	3 43	17 0	22 25	22 30	22 1	16 28	6 48
M26	1 7	25 21	2 12	1 37	1 35	14 40	0 31	20 44	1 2	22 39	0 14	18 21	2 12	15 1	0 26	8 4	0 59	3 44	17 0	22 25	22 30	22 3	16 28	6 47
T27	1 30	24 53	3 7	0 50	1 31	15 7	0 34	20 37	1 3	22 40	0 14	18 21	2 13	15 0	0 26	8 5	0 59	3 44	17 1	22 25	22 29	22 4	16 29	6 47
W28	1 54	23 13	3 54	0 3	1 27	15 33	0 37	20 30	1 4	22 41	0 14	18 20	2 13	15 0	0 26	8 5	0 59	3 44	17 1	22 24	22 29	22 6	16 29	6 46
T29	2 17	20 21	4 31	0s44	1 22	15 58	0 41	20 22	1 5	22 42	0 14	18 20	2 13	14 59	0 26	8 6	0 59	3 45	17 1	22 24	22 29	22 8	16 30	6 46

SWISS EPHEMERIS for the year 1853

OCTOBER 1853

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	0 38 33	7 ^h 42'43"	12 ^h 34'	8 ^h 32'	14 ^h 00'	4 ^h 58'	18 ^h 20'	1 ^h 03'	11 ^h 48'	11 ^h 38'	2 ^h 12'	12 ^h 05'	13 ^h 42'	12 ^h 26'	7 ^h 33'		
S 2	0 42 30	8°41'50"	26°26'	10°16'	15°12'	5°33'	18°28'	1 ^h 31'	11 ^h 46'	11 ^h 36'	2 ^h 11'	12 ^h 39'	13°39'	12°33'	7°35'		
M 3	0 46 26	9°40'58"	10 ^h 43'	12° 0'	16°24'	6° 8'	18°36'	1 ^h 29'	11 ^h 44'	11 ^h 35'	2 ^h 10'	12°29'	13°36'	12°39'	7°36'		
T 4	0 50 23	10°40'09"	25° 3'	13°44'	17°35'	6°43'	18°45'	1 ^h 27'	11 ^h 42'	11 ^h 34'	2° 9'	12°20'	13°33'	12°46'	7°38'		
W 5	0 54 20	11°39'22"	9 ^h 36'	15°26'	18°47'	7°18'	18°54'	1 ^h 25'	11 ^h 40'	11 ^h 32'	2° 8'	12°14'	13°29'	12°53'	7°40'		
T 6	0 58 16	12°38'36"	24°11'	17° 8'	19°59'	7°53'	19° 3'	1 ^h 23'	11 ^h 38'	11 ^h 31'	2° 7'	12°10'	13°26'	12°59'	7°42'		
F 7	1 2 13	13°37'53"	8 ^h 41'	18°48'	21°11'	8°27'	19°12'	1 ^h 20'	11 ^h 36'	11 ^h 30'	2° 6'	12°09'	13°23'	13° 6'	7°44'		
S 8	1 6 9	14°37'11"	23° 3'	20°29'	22°23'	9° 2'	19°21'	1 ^h 18'	11 ^h 34'	11 ^h 28'	2° 5'	12° 9'	13°20'	13°13'	7°46'		
S 9	1 10 6	15°36'31"	7 ^h 31'	22° 8'	23°34'	9°36'	19°30'	1 ^h 15'	11 ^h 32'	11 ^h 27'	2° 4'	12°10'	13°17'	13°19'	7°48'		
M10	1 14 2	16°35'53"	21°13'	23°46'	24°46'	10°10'	19°39'	1 ^h 12'	11 ^h 30'	11 ^h 26'	2° 3'	12°R10'	13°14'	13°26'	7°50'		
T 11	1 17 59	17°35'17"	4 ^h 59'	25°24'	25°58'	10°44'	19°49'	1 ^h 10'	11 ^h 27'	11 ^h 24'	2° 2'	12° 9'	13°10'	13°32'	7°52'		
W12	1 21 55	18°34'42"	18°33'	27° 1'	27° 9'	11°18'	19°58'	1° 7'	11°25'	11°23'	2° 1'	12° 5'	13° 7'	13°39'	7°55'		
T 13	1 25 52	19°34'09"	1 ^h 55'	28°38'	28°21'	11°52'	20° 8'	1° 4'	11°23'	11°22'	2° 0'	11°59'	13° 4'	13°46'	7°57'		
F 14	1 29 49	20°33'38"	15° 4'	0 ^h 13'	29°32'	12°26'	20°18'	1° 1'	11°21'	11°21'	1°59'	11°51'	13° 1'	13°52'	8° 0'		
S 15	1 33 45	21°33'09"	28° 1'	1°48'	0 ^h 44'	13° 0'	20°28'	0°58'	11°19'	11°20'	1°57'	11°42'	12°58'	13°59'	8° 2'		
S 16	1 37 42	22°32'41"	10 ^h 46'	3°23'	1°55'	13°33'	20°38'	0°54'	11°16'	11°18'	1°56'	11°33'	12°54'	14° 6'	8° 5'		
M17	1 41 38	23°32'16"	23°17'	4°57'	3° 6'	14° 7'	20°48'	0°51'	11°14'	11°17'	1°55'	11°25'	12°51'	14°12'	8° 7'		
T 18	1 45 35	24°31'53"	5 ^h 36'	6°30'	4°17'	14°40'	20°58'	0°48'	11°12'	11°16'	1°54'	11°18'	12°48'	14°19'	8°10'		
W19	1 49 31	25°31'31"	17°43'	8° 2'	5°29'	15°13'	21° 8'	0°44'	11° 9'	11°15'	1°53'	11°13'	12°45'	14°26'	8°13'		
T 20	1 53 28	26°31'12"	29°41'	9°34'	6°40'	15°46'	21°19'	0°41'	11° 7'	11°14'	1°52'	11°10'	12°42'	14°32'	8°16'		
F 21	1 57 24	27°30'55"	11 ^h 31'	11° 6'	7°51'	16°19'	21°29'	0°37'	11° 4'	11°13'	1°51'	11°09'	12°39'	14°39'	8°19'		
S 22	2 1 21	28°30'40"	23°18'	12°37'	9° 2'	16°51'	21°40'	0°33'	11° 2'	11°12'	1°50'	11°10'	12°35'	14°46'	8°22'		
S 23	2 5 18	29°30'28"	5 ^h 06'	14° 7'	10°13'	17°24'	21°51'	0°30'	11° 0'	11°11'	1°48'	11°11'	12°32'	14°52'	8°25'		
M24	2 9 14	0 ^h 30'18"	16°58'	15°36'	11°24'	17°56'	22° 1'	0°26'	10°57'	11°10'	1°47'	11°13'	12°29'	14°59'	8°28'		
T 25	2 13 11	1°30'10"	29° 1'	17° 6'	12°35'	18°29'	22°12'	0°22'	10°55'	11° 9'	1°46'	11°R14'	12°26'	15° 6'	8°32'		
W26	2 17 7	2°30'04"	11 ^h 19'	18°34'	13°45'	19° 1'	22°23'	0°18'	10°52'	11° 8'	1°45'	11°13'	12°23'	15°12'	8°35'		
T 27	2 21 4	3°30'00"	23°58'	20° 2'	14°56'	19°33'	22°34'	0°14'	10°50'	11° 7'	1°44'	11°11'	12°20'	15°19'	8°38'		
F 28	2 25 0	4°29'58"	7 ^h 11'	21°29'	16° 7'	20° 5'	22°46'	0°10'	10°47'	11° 7'	1°43'	11° 8'	12°16'	15°25'	8°42'		
S 29	2 28 57	5°29'59"	20°30'	22°56'	17°17'	20°36'	22°57'	0° 5'	10°45'	11° 6'	1°42'	11° 3'	12°13'	15°32'	8°45'		
S 30	2 32 53	6°30'02"	4 ^h 27'	24°22'	18°28'	21° 8'	23° 8'	0° 1'	10°43'	11° 5'	1°40'	10°57'	12°10'	15°39'	8°49'		
MB1	2 36 50	7 ^h 30'06"	18 ^h 48'	25 ^h 47'	19 ^h 38'	21 ^h 39'	23 ^h 20'	29 ^h 57'	10 ^h 40'	11 ^h 4'	1 ^h 39'	10 ^h 52'	12 ^h 7'	15 ^h 45'	8 ^h 53'		

Day	☉		☽		♀		♂		♂		♂		♂		♂		♂		♂					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
S 1	3s 4	11n31	5n 3	2s17	1n12	16s48	0s47	20n 7	1n 7	22s43	0n13	18n19	2s13	14n58	0s26	8s 7	0s59	3s46	17s 1	22n21	22n28	22n11	16s30	6n45
S 2	3 27	5 56	4 55	3 4	1 6	17 13	0 51	20 0	1 8	22 44	0 13	18 18	2 13	14 58	0 26	8 7	0 59	3 46	17 1	22 20	22 27	22 13	16 31	6 44
M 3	3 50	0s 6	4 28	3 50	1 0	17 37	0 54	19 52	1 9	22 45	0 13	18 18	2 14	14 57	0 26	8 8	0 59	3 47	17 1	22 19	22 27	22 15	16 31	6 44
T 4	4 14	6 14	3 44	4 35	0 54	18 1	0 57	19 44	1 10	22 46	0 13	18 17	2 14	14 56	0 26	8 9	0 59	3 47	17 2	22 18	22 27	22 17	16 32	6 43
W 5	4 37	12 6	2 45	5 21	0 48	18 24	1 1	19 36	1 11	22 47	0 13	18 17	2 14	14 56	0 26	8 9	0 59	3 48	17 2	22 17	22 26	22 18	16 32	6 43
T 6	5 0	17 18	1 35	6 6	0 42	18 47	1 4	19 28	1 12	22 48	0 13	18 16	2 14	14 55	0 26	8 10	0 59	3 48	17 2	22 16	22 26	22 20	16 33	6 42
F 7	5 23	21 18	0 19	6 50	0 35	19 9	1 7	19 20	1 13	22 49	0 13	18 15	2 14	14 54	0 26	8 10	0 59	3 49	17 2	22 16	22 25	22 22	16 33	6 42
S 8	5 46	24 15	0s58	7 34	0 29	19 31	1 10	19 12	1 14	22 50	0 12	18 15	2 14	14 54	0 26	8 11	0 59	3 49	17 2	22 16	22 25	22 24	16 33	6 41
S 9	6 9	25 26	2 10	8 17	0 22	19 52	1 14	19 4	1 14	22 50	0 12	18 14	2 14	14 53	0 26	8 11	0 59	3 49	17 2	22 16	22 25	22 25	16 34	6 41
M10	6 32	24 58	3 14	9 0	0 15	20 13	1 17	18 55	1 15	22 51	0 12	18 13	2 14	14 52	0 26	8 12	0 59	3 50	17 2	22 16	22 24	22 27	16 34	6 40
T 11	6 55	23 0	4 5	9 42	0 8	20 33	1 20	18 47	1 16	22 52	0 12	18 13	2 15	14 52	0 26	8 12	0 59	3 50	17 2	22 16	22 24	22 29	16 34	6 40
W12	7 17	19 44	4 41	10 24	0 2	20 53	1 23	18 38	1 17	22 53	0 12	18 12	2 15	14 51	0 26	8 12	0 59	3 51	17 2	22 16	22 24	22 30	16 35	6 39
T 13	7 40	15 30	5 2	11 5	0s 5	21 13	1 26	18 30	1 18	22 54	0 12	18 11	2 15	14 50	0 26	8 13	0 59	3 51	17 2	22 15	22 23	22 32	16 35	6 39
F 14	8 2	10 35	5 6	11 45	0 12	21 31	1 30	18 21	1 19	22 55	0 12	18 11	2 15	14 50	0 26	8 13	0 59	3 51	17 2	22 14	22 23	22 34	16 36	6 38
S 15	8 25	5 17	4 54	12 25	0 19	21 50	1 33	18 13	1 20	22 56	0 11	18 10	2 15	14 49	0 26	8 14	0 59	3 52	17 3	22 12	22 22	22 35	16 36	6 38
S 16	8 47	0n 9	4 28	13 4	0 26	22 7	1 36	18 4	1 21	22 56	0 11	18 9	2 15	14 48	0 26	8 14	0 59	3 52	17 3	22 11	22 22	22 37	16 36	6 37
M17	9 9	5 30	3 49	13 42	0 33	22 25	1 39	17 55	1 22	22 57	0 11	18 8	2 15	14 48	0 26	8 15	0 59	3 53	17 3	22 10	22 22	22 39	16 37	6 37
T 18	9 31	10 34	3 0	14 19	0 40	22 41	1 42	17 47	1 23	22 58	0 11	18 8	2 15	14 47	0 26	8 15	0 59	3 53	17 3	22 9	22 21	22 40	16 37	6 36
W19	9 53	15 9	2 3	14 56	0 46	22 57	1 45	17 38	1 24	22 59	0 11	18 7	2 15	14 46	0 26	8 15	0 59	3 53	17 3	22 8	22 21	22 42	16 37	6 36
T 20	10 14	19 6	1 2	15 32	0 53	23 12	1 48	17 29	1 25	23 0	0 11	18 6	2 16	14 45	0 26	8 16	0 59	3 54	17 3	22 8	22 20	22 44	16 37	6 35
F 21	10 36	22 13	0n 2	16 7	1 0	23 27	1 50																	

SWISS EPHEMERIS for the year 1853

NOVEMBER 1853

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♂	♁
T 1	2 40 47	8♏30'13	3♏30	27♏12	20♏49	22♏10	23♏31	29°R53	10°R38	11°R 4	1°R38	10°R48	12♏4	15♏52	8♏56
W 2	2 44 43	9°30'22	18°25	28°36	21°59	22°41	23°43	29°R48	10°R35	11°R 3	1°R37	10°R44	12° 0	15°59	9° 0
T 3	2 48 40	10°30'32	3♏23	29°59	23° 9	23°12	23°54	29°44	10°R33	11° 2	1°36	10°43	11°57	16° 5	9° 4
F 4	2 52 36	11°30'44	18°18	1♏21	24°19	23°43	24° 6	29°39	10°30	11° 2	1°35	10°D43	11°54	16°12	9° 8
S 5	2 56 33	12°30'58	3♏ 2	2°43	25°29	24°13	24°18	29°35	10°28	11° 1	1°34	10°44	11°51	16°19	9°12
S 6	3 0 29	13°31'14	17°29	4° 3	26°39	24°44	24°30	29°30	10°25	11° 0	1°33	10°45	11°48	16°25	9°16
M 7	3 4 26	14°31'31	1♏38	5°22	27°49	25°14	24°42	29°25	10°23	11° 0	1°32	10°47	11°45	16°32	9°20
T 8	3 8 22	15°31'49	15°25	6°40	28°59	25°44	24°54	29°21	10°20	10°59	1°30	10°R47	11°41	16°39	9°24
W 9	3 12 19	16°32'09	28°54	7°56	0♏ 9	26°13	25° 6	29°16	10°18	10°59	1°29	10°47	11°38	16°45	9°28
T 10	3 16 16	17°32'30	12♏ 3	9°11	1°18	26°43	25°18	29°11	10°15	10°59	1°28	10°45	11°35	16°52	9°33
F 11	3 20 12	18°32'52	24°56	10°24	2°28	27°12	25°31	29° 6	10°13	10°58	1°27	10°42	11°32	16°58	9°37
S 12	3 24 9	19°33'16	7♏35	11°35	3°37	27°41	25°43	29° 2	10°10	10°58	1°26	10°39	11°29	17° 5	9°41
S 13	3 28 5	20°33'41	20° 1	12°44	4°46	28°10	25°55	28°57	10° 8	10°57	1°25	10°36	11°25	17°12	9°46
M14	3 32 2	21°34'08	2♏15	13°50	5°55	28°39	26° 8	28°52	10° 6	10°57	1°24	10°32	11°22	17°18	9°50
T 15	3 35 58	22°34'36	14°21	14°54	7° 4	29° 8	26°20	28°47	10° 3	10°57	1°23	10°30	11°19	17°25	9°55
W16	3 39 55	23°35'06	26°18	15°54	8°13	29°36	26°33	28°42	10° 1	10°57	1°22	10°28	11°16	17°32	9°59
T 17	3 43 51	24°35'38	8♏10	16°50	9°22	0♏ 4	26°46	28°37	9°58	10°56	1°21	10°D28	11°13	17°38	10° 4
F 18	3 47 48	25°36'11	19°59	17°43	10°31	0°32	26°58	28°32	9°56	10°56	1°20	10°28	11°10	17°45	10° 9
S 19	3 51 45	26°36'45	1♏45	18°31	11°39	1° 0	27°11	28°28	9°54	10°56	1°19	10°29	11° 6	17°52	10°13
S 20	3 55 41	27°37'22	13°34	19°13	12°47	1°27	27°24	28°23	9°51	10°56	1°18	10°30	11° 3	17°58	10°18
M21	3 59 38	28°38'00	25°28	19°50	13°56	1°54	27°37	28°18	9°49	10°56	1°17	10°31	11° 0	18° 5	10°23
T 22	4 3 34	29°38'39	7♏21	20°20	15° 4	2°21	27°50	28°13	9°47	10°D56	1°16	10°33	10°57	18°12	10°28
W23	4 7 31	0♏39'21	19°47	20°43	16°11	2°48	28° 3	28° 8	9°44	10°56	1°15	10°33	10°54	18°18	10°33
T 24	4 11 27	1°40'03	2♏21	20°57	17°19	3°14	28°16	28° 3	9°42	10°56	1°14	10°R33	10°51	18°25	10°38
F 25	4 15 24	2°40'48	15°18	21°R 3	18°27	3°41	28°29	27°58	9°40	10°56	1°13	10°33	10°47	18°32	10°43
S 26	4 19 20	3°41'34	28°39	20°59	19°34	4° 6	28°42	27°53	9°38	10°56	1°12	10°33	10°44	18°38	10°48
S 27	4 23 17	4°42'21	12♏28	20°44	20°41	4°32	28°55	27°48	9°36	10°56	1°11	10°32	10°41	18°45	10°53
M28	4 27 14	5°43'10	26°44	20°19	21°48	4°57	29° 8	27°43	9°33	10°57	1°10	10°31	10°38	18°51	10°58
T 29	4 31 10	6°44'01	11♏25	19°42	22°55	5°23	29°21	27°39	9°31	10°57	1° 9	10°31	10°35	18°58	11° 3
W30	4 35 7	7°44'53	26♏24	18♏55	24♏ 2	5♏47	29♏35	27♏34	9♏29	10♏57	1♏ 8	10♏31	10♏31	19♏5	11♏ 8

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♂	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14s21	9s43	3n10	21s34	2s 4	25s26	2s18	15n41	1n38	23s 9	0n 9	17n55	2s16	14n36	0s26	8s20	0s59	3s58	17s 2	22n 5	22n15	23n 3	16s40	6n30		
W 2	14 40	15 25	1 59	21 58	2 9	25 33	2 20	15 32	1 39	23 9	0 9	17 54	2 16	14 36	0 26	8 20	0 59	3 58	17 22	22 4	22 15	23 5	16 40	6 30		
T 3	14 59	20 12	0 40	22 20	2 14	25 39	2 22	15 23	1 41	23 10	0 9	17 53	2 16	14 35	0 26	8 20	0 59	3 59	17 22	22 4	22 14	23 6	16 40	6 29		
F 4	15 18	23 38	0s42	22 42	2 18	25 44	2 24	15 14	1 42	23 11	0 9	17 52	2 16	14 34	0 26	8 20	0 59	3 59	17 22	22 4	22 14	23 8	16 41	6 29		
S 5	15 36	25 25	2 0	23 2	2 22	25 49	2 26	15 4	1 43	23 11	0 9	17 51	2 16	14 33	0 26	8 21	0 58	3 59	17 22	22 4	22 14	23 9	16 41	6 29		
S 6	15 55	25 26	3 9	23 21	2 25	25 53	2 28	14 55	1 44	23 12	0 9	17 50	2 16	14 32	0 26	8 21	0 58	4 0	17 22	22 5	22 13	23 11	16 41	6 28		
M 7	16 13	23 47	4 4	23 39	2 29	25 56	2 30	14 46	1 45	23 12	0 9	17 49	2 16	14 32	0 26	8 21	0 58	4 0	17 22	22 5	22 13	23 12	16 41	6 28		
T 8	16 30	20 45	4 45	23 56	2 32	25 59	2 31	14 37	1 46	23 13	0 9	17 48	2 16	14 31	0 26	8 21	0 58	4 0	17 22	22 5	22 12	23 14	16 41	6 27		
W 9	16 48	16 41	5 8	24 11	2 34	26 0	2 33	14 28	1 48	23 14	0 8	17 47	2 16	14 30	0 26	8 21	0 58	4 0	17 22	22 5	22 12	23 15	16 41	6 27		
T 10	17 5	11 53	5 15	24 25	2 36	26 1	2 34	14 19	1 49	23 14	0 8	17 46	2 16	14 29	0 26	8 21	0 58	4 1	17 22	22 5	22 12	23 17	16 41	6 27		
F 11	17 22	6 41	5 5	24 37	2 37	26 2	2 36	14 10	1 50	23 15	0 8	17 45	2 16	14 29	0 26	8 21	0 58	4 1	17 22	22 4	22 11	23 18	16 41	6 26		
S 12	17 38	1 18	4 41	24 48	2 38	26 1	2 37	14 1	1 51	23 15	0 8	17 44	2 16	14 28	0 26	8 22	0 58	4 1	17 22	22 4	22 11	23 20	16 41	6 26		
S 13	17 54	4n 4	4 4	24 58	2 39	26 0	2 38	13 52	1 52	23 16	0 8	17 43	2 16	14 27	0 26	8 22	0 58	4 1	17 22	22 3	22 10	23 22	16 41	6 26		
M14	18 10	9 12	3 16	25 6	2 39	25 58	2 39	13 44	1 54	23 16	0 8	17 42	2 16	14 26	0 26	8 22	0 58	4 1	17 22	22 3	22 10	23 23	16 41	6 25		
T 15	18 26	13 56	2 20	25 13	2 38	25 56	2 40	13 35	1 55	23 17	0 8	17 41	2 16	14 26	0 26	8 22	0 58	4 2	17 22	22 2	22 9	23 25	16 41	6 25		
W16	18 41	18 5	1 18	25 18	2 36	25 53	2 41	13 26	1 56	23 17	0 8	17 40	2 16	14 25	0 26	8 22	0 58	4 2	17 22	22 2	22 9	23 26	16 41	6 25		
T 17	18 56	21 29	0 13	25 21	2 34	25 49	2 42	13 17	1 57	23 18	0 8	17 39	2 16	14 24	0 26	8 22	0 58	4 2	17 22	22 2	22 8	23 28	16 41	6 24		
F 18	19 11	23 57	0n53	25 23	2 30	25 44	2 42	13 8	1 58	23 18	0 7	17 38	2 16	14 23	0 26	8 22	0 58	4 2	17 22	22 2	22 8	23 29	16 41	6 24		
S 19	19 25	25 22	1 55	25 23	2 26	25 39	2 43	13 0	2 0	23 18	0 7	17 37	2 16	14 23	0 26	8 22	0 58	4 2	17 22	22 2	22 8	23 31	16 41	6 24		
S 20	19 39	25 39	2 54	25 21	2 21	25 33	2 43	12 51	2 1	23 19	0 7	17 36	2 16	14 22	0 26	8 22	0 58	4 3	17 22	22 2	22 7	23 32	16 41	6 23		
M21	19 52	24 45	3 45	25 18	2 14	25 26	2 43	12 43	2 2	23 19	0 7	17 35	2 16	14 21	0 26	8 22	0 58	4 3	17 22	22 2	22 7	23 33	16 41	6 23		
T 22	20 5	22 42	4 27	25 13	2 7	25 19	2 43	12 34	2 4	23 19	0 7	17 34	2 16	14 21	0 26	8 22	0 58	4 3	17 22	22 2	22 6	23 35	16 41	6 23		
W23	20 18	19 35	4 57	25 5	1 58	25 11	2 43	12 26	2 5	23 20	0 7	17 33	2 16	14 20	0 26	8 22	0 58	4 3	17 22	22 2	22 6	23 36	16 41	6 23		
T 24	20 31	15 32	5 15	24 56	1 47	25 2	2 43	12 17	2 6	23 20	0 7	17 32	2 16	14 19	0 26	8 22	0 58	4 3	17 22	22 2	22 5	23 38	16 41	6 22		
F 25	20 43	10 40	5 17	24 45	1 36	24 53	2 43	12 9	2 8	23 20	0 7	17 31	2 16	14 18	0 26	8 22	0 58	4 3	16 59	22 2	22 5	23 39	16 41	6 22		
S 26	20 54	5 9	5 2	24 31	1 23	24 43	2 43	12 1	2 9	23 21	0 7	17 30	2 16	14 18	0 26	8 22	0 58	4 3	16 59	22 2	22 4	23 41	16 41	6 22		
S 27	21 6	0s47	4 30	24 16	1 8	24 32	2 42	11 53	2 10	23 21	0 7	17 29	2 16	14 17	0 26	8 22	0 58	4 4	16 59	22 3	22 4	23 42	16 40	6 22		
M28	21 17	6 53	3 40	23 58	0 52	24 21	2 42	11 45	2 12	23 21	0 6	17 28	2 15	14 16	0 26	8 22	0 58	4 4	16 59	22 3	22 4	23 44	16 40	6 21		
T 29	21 27	12 49	2 35	23 38	0 34	24 9	2 41	1																		

SWISS EPHEMERIS for the year 1853

DECEMBER 1853

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	4 39 3	8♂45'46	11♂35	17°R57	25♂ 8	6♁12	29♂48	27°R29	9°R27	10♂57	1°R 8	10°D31	10♁28	19♁11	11♂13
F 2	4 43 0	9°46'40	26°48	16♂50	26°15	6°36	0♂ 1	27♂24	9♂25	10°58	1♂ 7	10♁31	10°25	19°18	11°19
S 3	4 46 56	10°47'36	11♂52	15°36	27°21	7° 0	0°15	27°20	9°23	10°58	1° 6	10°R31	10°22	19°25	11°24
S 4	4 50 53	11°48'32	26°40	14°16	28°27	7°24	0°28	27°15	9°21	10°58	1° 5	10°31	10°19	19°31	11°29
M 5	4 54 49	12°49'29	11♂ 5	12°53	29°32	7°47	0°42	27°10	9°19	10°59	1° 4	10°30	10°16	19°38	11°34
T 6	4 58 46	13°50'27	25° 5	11°31	0♂38	8°10	0°55	27° 6	9°17	10°59	1° 3	10°30	10°12	19°45	11°40
W 7	5 2 43	14°51'25	8♂39	10°11	1°43	8°32	1° 9	27° 1	9°15	11° 0	1° 3	10°D30	10° 9	19°51	11°45
T 8	5 6 39	15°52'24	21°48	8°56	2°47	8°55	1°22	26°56	9°13	11° 0	1° 2	10°30	10° 6	19°58	11°51
F 9	5 10 36	16°53'23	4♂35	7°50	3°52	9°17	1°36	26°52	9°12	11° 1	1° 1	10°30	10° 3	20° 5	11°56
S 10	5 14 32	17°54'23	17° 4	6°52	4°56	9°38	1°49	26°48	9°10	11° 1	1° 0	10°31	10° 0	20°11	12° 2
S 11	5 18 29	18°55'24	29°18	6° 5	6° 0	9°59	2° 3	26°43	9° 8	11° 2	1° 0	10°32	9°57	20°18	12° 7
M12	5 22 25	19°56'25	11♂20	5°29	7° 4	10°20	2°17	26°39	9° 6	11° 3	0°59	10°33	9°53	20°25	12°13
T13	5 26 22	20°57'27	23°16	5° 4	8° 7	10°41	2°30	26°35	9° 5	11° 3	0°58	10°34	9°50	20°31	12°18
W14	5 30 18	21°58'29	5♁ 6	4°50	9°10	11° 1	2°44	26°30	9° 3	11° 4	0°58	10°R34	9°47	20°38	12°24
T15	5 34 15	22°59'32	16°54	4°D46	10°13	11°21	2°58	26°26	9° 1	11° 5	0°57	10°34	9°44	20°44	12°29
F16	5 38 12	24° 0'36	28°42	4°53	11°16	11°40	3°12	26°22	9° 0	11° 6	0°56	10°33	9°41	20°51	12°35
S17	5 42 8	25° 1'40	10♂32	5° 8	12°18	11°59	3°25	26°18	8°58	11° 6	0°56	10°32	9°37	20°58	12°41
S18	5 46 5	26° 2'45	22°26	5°32	13°19	12°17	3°39	26°14	8°57	11° 7	0°55	10°30	9°34	21° 4	12°46
M19	5 50 1	27° 3'51	4♁27	6° 3	14°20	12°35	3°53	26°10	8°55	11° 8	0°55	10°27	9°31	21°11	12°52
T20	5 53 58	28° 4'57	16°36	6°41	15°21	12°53	4° 7	26° 7	8°54	11° 9	0°54	10°24	9°28	21°18	12°58
W21	5 57 54	29° 6'04	28°56	7°25	16°22	13°10	4°20	26° 3	8°53	11°10	0°53	10°22	9°25	21°24	13° 3
T22	6 1 51	0♂ 7'11	11♁31	8°14	17°22	13°27	4°34	25°59	8°51	11°11	0°53	10°20	9°22	21°31	13° 9
F23	6 5 48	1° 8'20	24°23	9° 8	18°21	13°43	4°48	25°56	8°50	11°12	0°52	10°19	9°18	21°38	13°15
S24	6 9 44	2° 9'28	7♁36	10° 6	19°20	13°59	5° 2	25°52	8°49	11°13	0°52	10°D18	9°15	21°44	13°21
S25	6 13 41	3°10'38	21°12	11° 8	20°19	14°14	5°16	25°49	8°48	11°14	0°52	10°19	9°12	21°51	13°26
M26	6 17 37	4°11'48	5♁13	12°13	21°17	14°29	5°30	25°46	8°47	11°15	0°51	10°21	9° 9	21°58	13°32
T27	6 21 34	5°12'58	19°38	13°21	22°15	14°43	5°44	25°42	8°45	11°17	0°51	10°22	9° 6	22° 4	13°38
W28	6 25 30	6°14'09	4♁25	14°31	23°12	14°57	5°57	25°39	8°44	11°18	0°50	10°R23	9° 3	22°11	13°44
T29	6 29 27	7°15'20	19°28	15°43	24° 8	15°10	6°11	25°36	8°43	11°19	0°50	10°23	8°59	22°18	13°50
F30	6 33 23	8°16'32	4♁40	16°58	25° 4	15°23	6°25	25°33	8°43	11°20	0°50	10°21	8°56	22°24	13°55
S31	6 37 20	9♂17'44	19♂51	18♂14	26♂ 0	15♁35	6♂39	25♂30	8♂42	11♂21	0♂49	10♁18	8♁53	22♁31	14♂ 1

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	21s47	22s17	0s 6	22s51	0n 4	23s44	2s39	11n21	2n16	23s21	0n 6	17n25	2s15	14n14	0s26
F 2	21 56 24	55 1 29	22 24	0 24	23 30	2 38	11 13	2 17	23 22	0 6	17 24	2 15	14 14	0 26	8 21
S 3	22 5 25	41 2 46	21 56	0 45	23 16	2 36	11 6	2 19	23 22	0 6	17 23	2 15	14 13	0 26	8 21
S 4	22 13 24	36 3 50	21 28	1 5	23 1	2 35	10 58	2 20	23 22	0 6	17 22	2 15	14 13	0 26	8 21
M 5	22 21 21	54 4 37	20 58	1 24	22 46	2 33	10 51	2 22	23 22	0 6	17 22	2 15	14 12	0 26	8 21
T 6	22 29 17	59 5 7	20 30	1 42	22 30	2 32	10 44	2 23	23 22	0 6	17 21	2 14	14 11	0 26	8 21
W 7	22 36 13	14 5 18	20 2	1 59	22 14	2 30	10 36	2 25	23 22	0 6	17 20	2 14	14 11	0 26	8 20
T 8	22 43 8	2 5 12	19 37	2 13	21 57	2 28	10 29	2 26	23 22	0 5	17 19	2 14	14 10	0 26	8 20
F 9	22 49 2 37	4 5 40	19 15	2 25	21 39	2 25	10 22	2 28	23 22	0 5	17 18	2 14	14 10	0 26	8 20
S 10	22 55 2n46	4 16 18	18 56	2 35	21 22	2 23	10 16	2 29	23 22	0 5	17 17	2 14	14 9	0 26	8 20
S 11	23 0 7	57 3 30	18 40	2 42	21 3	2 21	10 9	2 31	23 21	0 5	17 16	2 14	14 9	0 26	8 19
M12	23 5 12	47 2 35	18 29	2 48	20 45	2 18	10 3	2 32	23 21	0 5	17 15	2 13	14 8	0 26	8 19
T13	23 9 17	5 1 35	18 21	2 51	20 25	2 15	9 56	2 34	23 21	0 5	17 15	2 13	14 8	0 26	8 19
W14	23 13 20	40 0 30	18 17	2 52	20 6	2 12	9 50	2 35	23 21	0 5	17 14	2 13	14 7	0 26	8 19
T15	23 16 23	24 0n35	18 17	2 52	19 46	2 9	9 44	2 37	23 21	0 5	17 13	2 13	14 7	0 26	8 18
F16	23 19 25	6 1 39	18 20	2 50	19 25	2 5	9 38	2 38	23 21	0 5	17 12	2 13	14 6	0 26	8 18
S17	23 22 25	41 2 39	18 26	2 47	19 4	2 2	9 32	2 40	23 20	0 5	17 12	2 13	14 6	0 26	8 18
S18	23 24 25	4 3 32	18 34	2 43	18 43	1 58	9 27	2 42	23 20	0 4	17 11	2 12	14 5	0 26	8 17
M19	23 26 23	18 4 16	18 44	2 38	18 22	1 54	9 21	2 43	23 20	0 4	17 10	2 12	14 5	0 26	8 17
T20	23 27 20	28 4 49	18 56	2 33	18 0	1 50	9 16	2 45	23 19	0 4	17 10	2 12	14 4	0 26	8 16
W21	23 27 16	41 5 9	19 10	2 26	17 38	1 46	9 11	2 47	23 19	0 4	17 9	2 12	14 4	0 26	8 16
T22	23 28 12	7 5 16	19 24	2 19	17 15	1 41	9 6	2 48	23 19	0 4	17 8	2 12	14 4	0 26	8 16
F23	23 27 6	55 5 6	19 40	2 12	16 52	1 37	9 1	2 50	23 18	0 4	17 8	2 11	14 3	0 26	8 15
S24	23 26 1 17	4 4 41	19 56	2 5	16 29	1 32	8 57	2 52	23 18	0 4	17 7	2 11	14 3	0 25	8 15
S25	23 25 4	4s35	3 59	20 12	1 57	16 6	1 27	8 52	2 53	23 17	0 4	17 6	2 11	14 2	0 25
M26	23 24 10	25 3 2	20 29	1 49	15 43	1 22	8 48	2 55	23 17	0 4	17 6	2 11	14 2	0 25	8 14
T27	23 21 15	52 1 52	20 46	1 40	15 19	1 16	8 44	2 57	23 17	0 4	17 5	2 10	14 2	0 25	8 14
W28	23 19 20	30 0 33	21 2	1 32	14 55	1 11	8 41	2 59	23 16	0 3	17 5	2 10	14 2	0 25	8 13
T29	23 16 23	52 0s50	21 19	1 24	14 31	1 5	8 37	3 0	23 15	0 3	17 4	2 10	14 1	0 25	8 13
F30	23 12 25	32 2 10	21 34	1 15	14 6	0 59	8 34	3 2	23 15	0 3	17 4	2 10	14 1	0 25	8 12
S31	23s 8	25s17	3s20	21s50	1n 7	13s42	0s53	8n31	3n 4	23s14	0n 3	17n 3	2s 9	14n 1	0s25

Julian Day Number = 2398188.5, Delta T = 7.31 sec
 Ecliptic obliquity = 23°27'32, Nutation = - 0°00'17
 Ayanamsha: Fagan/Bradley = 22°42'02, Lahiri = 21°49'02