

SWISS EPHEMERIS for the year 1851

JANUARY 1851

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
W 1	6 40 12	10♌ 2'19	23♏ 44	28♌ 1	17°R20	1♌ 3	20♌56	14♏21	26°R22	4♏51	27°R54	5°R40	6♏52	20♌32	17♏ 5
T 2	6 44 9	11° 3'30	6♌ 4	29°23	17♏ 9	1°48	21° 3	14°22	26°♏22	4°52	27°♏53	5♏37	6°49	20°38	17°11
F 3	6 48 5	12° 4'41	18°12	0♌42	17° 0	2°33	21° 9	14°24	26°22	4°54	27°53	5°34	6°46	20°45	17°18
S 4	6 52 2	13° 5'52	0♌12	1°58	16°54	3°18	21°15	14°26	26°22	4°55	27°53	5°D33	6°43	20°52	17°25
S 5	6 55 58	14° 7'03	12° 5	3°10	16°50	4° 4	21°21	14°28	26°D22	4°57	27°53	5°33	6°39	20°58	17°31
M 6	6 59 55	15° 8'13	23°53	4°17	16°D49	4°49	21°27	14°30	26°22	4°58	27°53	5°34	6°36	21° 5	17°38
T 7	7 3 51	16° 9'23	5♏39	5°18	16°50	5°34	21°32	14°32	26°22	5° 0	27°53	5°36	6°33	21°12	17°45
W 8	7 7 48	17°10'33	17°28	6°13	16°54	6°20	21°38	14°35	26°22	5° 2	27°52	5°37	6°30	21°18	17°51
T 9	7 11 44	18°11'42	29°24	7° 1	17° 0	7° 5	21°43	14°37	26°22	5° 3	27°52	5°39	6°27	21°25	17°58
F 10	7 15 41	19°12'50	11♏30	7°41	17° 8	7°50	21°48	14°40	26°22	5° 5	27°52	5°40	6°24	21°31	18° 4
S 11	7 19 38	20°13'58	23°53	8°12	17°18	8°36	21°53	14°42	26°23	5° 7	27°52	5°R40	6°20	21°38	18°10
S 12	7 23 34	21°15'06	6♌36	8°33	17°31	9°22	21°58	14°45	26°23	5° 9	27°D52	5°39	6°17	21°45	18°17
M13	7 27 31	22°16'13	19°44	8°R44	17°45	10° 7	22° 2	14°48	26°23	5°10	27°52	5°38	6°14	21°51	18°23
T 14	7 31 27	23°17'19	3♏18	8°43	18° 2	10°53	22° 7	14°51	26°24	5°12	27°52	5°36	6°11	21°58	18°29
W15	7 35 24	24°18'24	17°20	8°31	18°21	11°38	22°11	14°54	26°24	5°14	27°52	5°35	6° 8	22° 5	18°36
T 16	7 39 20	25°19'29	1♌47	8° 7	18°42	12°24	22°15	14°57	26°25	5°16	27°52	5°33	6° 4	22°11	18°42
F 17	7 43 17	26°20'33	16°36	7°32	19° 4	13°10	22°19	15° 0	26°25	5°18	27°53	5°33	6° 1	22°18	18°48
S 18	7 47 13	27°21'36	1♏38	6°45	19°29	13°56	22°23	15° 3	26°26	5°20	27°53	5°D32	5°58	22°25	18°54
S 19	7 51 10	28°22'39	16°45	5°49	19°55	14°41	22°27	15° 7	26°27	5°21	27°53	5°32	5°55	22°31	19° 0
M20	7 55 7	29°23'41	1♏49	4°45	20°23	15°27	22°30	15°10	26°28	5°23	27°53	5°33	5°52	22°38	19° 6
T 21	7 59 3	0♌44'2	16°40	3°34	20°53	16°13	22°33	15°14	26°28	5°25	27°53	5°33	5°49	22°45	19°12
W22	8 3 0	1°25'44	1♌12	2°20	21°24	16°59	22°36	15°17	26°29	5°27	27°53	5°34	5°45	22°51	19°18
T 23	8 6 56	2°26'44	15°23	1° 3	21°56	17°45	22°39	15°21	26°30	5°29	27°54	5°34	5°42	22°58	19°24
F 24	8 10 53	3°27'44	29° 9	29♌47	22°31	18°31	22°42	15°25	26°31	5°31	27°54	5°R34	5°39	23° 5	19°30
S 25	8 14 49	4°28'44	12♏32	28°33	23° 6	19°17	22°45	15°29	26°32	5°33	27°54	5°34	5°36	23°11	19°35
S 26	8 18 46	5°29'43	25°34	27°24	23°43	20° 3	22°47	15°33	26°33	5°35	27°54	5°D34	5°33	23°18	19°41
M27	8 22 42	6°30'41	8♏17	26°22	24°21	20°49	22°49	15°37	26°34	5°37	27°55	5°34	5°30	23°25	19°46
T 28	8 26 39	7°31'39	20°44	25°26	25° 1	21°35	22°51	15°42	26°35	5°39	27°55	5°34	5°26	23°31	19°52
W29	8 30 36	8°32'36	2♌59	24°39	25°41	22°21	22°53	15°46	26°37	5°41	27°56	5°35	5°23	23°38	19°58
T 30	8 34 32	9°33'32	15° 3	24° 0	26°23	23° 8	22°54	15°50	26°38	5°43	27°56	5°35	5°20	23°44	20° 3
F 31	8 38 29	10°34'27	27♌ 0	23♌29	27♏ 6	23♌54	22°56	15°55	26°39	5♏46	27°56	5♏35	5♏17	23°51	20♏ 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	decl	lat
W 1	23s 5	19s49	3n30	22s14	1s42	18s18	4n34	24s 7	0s40	6s59	1n17	3n20	2s32	9n40	0s33	10s28	0s46	5s 9	16s58	18n52	18n34	15s49	18s11	4n40				
T 2	23 0	20 44	2 35	21 50	1 35	18 10	4 42	24 7	0 40	7 1	1 17	3 21	2 31	9 40	0 33	10 27	0 46	5 8	16 58	18 53	18 35	15 47	18 11	4 41				
F 3	22 54	20 40	1 34	21 26	1 27	18 2	4 48	24 7	0 41	7 3	1 18	3 22	2 31	9 40	0 33	10 27	0 46	5 8	16 58	18 54	18 36	15 46	18 11	4 41				
S 4	22 49	19 39	0 29	21 0	1 18	17 55	4 55	24 6	0 42	7 5	1 18	3 23	2 31	9 40	0 33	10 26	0 46	5 8	16 57	18 54	18 37	15 45	18 11	4 41				
S 5	22 42	17 46	0s36	20 34	1 8	17 49	5 0	24 6	0 42	7 7	1 18	3 24	2 31	9 40	0 33	10 25	0 46	5 8	16 57	18 54	18 37	15 44	18 12	4 42				
M 6	22 36	15 8	1 40	20 8	0 57	17 44	5 5	24 5	0 43	7 9	1 18	3 25	2 30	9 40	0 33	10 25	0 46	5 7	16 57	18 54	18 38	15 42	18 12	4 42				
T 7	22 29	11 54	2 39	19 41	0 45	17 40	5 10	24 3	0 43	7 11	1 19	3 26	2 30	9 40	0 33	10 24	0 46	5 7	16 56	18 53	18 39	15 41	18 12	4 42				
W 8	22 21	8 12	3 32	19 15	0 32	17 36	5 14	24 2	0 44	7 13	1 19	3 27	2 30	9 41	0 33	10 24	0 46	5 7	16 56	18 53	18 40	15 40	18 12	4 43				
T 9	22 13	4 9	4 16	18 49	0 18	17 33	5 17	24 0	0 44	7 15	1 19	3 28	2 29	9 41	0 33	10 23	0 46	5 6	16 56	18 52	18 41	15 38	18 13	4 43				
F 10	22 5 0m	7 4	4 49	18 24	0 3	17 31	5 20	23 58	0 45	7 17	1 19	3 29	2 29	9 41	0 33	10 22	0 46	5 6	16 55	18 52	18 41	15 37	18 13	4 44				
S 11	21 56	4 28	5 10	18 1	0n13	17 30	5 23	23 56	0 45	7 18	1 20	3 31	2 29	9 41	0 32	10 22	0 46	5 6	16 55	18 52	18 42	15 35	18 13	4 44				
S 12	21 47	8 44	5 17	17 39	0 30	17 29	5 25	23 53	0 46	7 20	1 20	3 32	2 29	9 41	0 32	10 21	0 46	5 5	16 54	18 52	18 43	15 34	18 13	4 44				
M13	21 37	12 44	5 8	17 19	0 48	17 28	5 26	23 50	0 46	7 21	1 20	3 33	2 28	9 41	0 32	10 20	0 46	5 5	16 54	18 53	18 44	15 33	18 13	4 45				
T 14	21 27	16 14	4 41	17 1	1 6	17 29	5 28	23 47	0 47	7 23	1 20	3 35	2 28	9 41	0 32	10 20	0 46	5 5	16 54	18 53	18 44	15 31	18 13	4 45				
W15	21 16	18 55	3 57	16 47	1 25	17 29	5 29	23 44	0 47	7 24	1 20	3 36	2 28	9 42	0 32	10 19	0 46	5 4	16 53	18 53	18 45	15 30	18 13	4 46				
T 16	21 5 20	30 2	5 57	16 35	1 44	17 31	5 29	23 40	0 48	7 25	1 21	3 37	2 28	9 42	0 32	10 18	0 46	5 4	16 53	18 54	18 46	15 29	18 14	4 46				
F 17	20 54	20 43	1 43	16 26	2 2	17 32	5 29	23 36	0 48	7 27	1 21	3 39	2 27	9 42	0 32	10 18	0 46	5 4	16 53	18 54	18 47	15 27	18 14	4 46				
S 18	20 42	19 28	0 22	16 21	2 20	17 35	5 29	23 32	0 49	7 28	1 21	3 40	2 27	9 42	0 32	10 17	0 46	5 3	16 52	18 54	18 48	15 26	18 14	4 47				
S 19	20 30	16 49	1n 2	16 19	2 36	17 37	5 28	23 28	0 49	7 29	1 21	3 42	2 27	9 43	0 32	10 16	0 46	5 3	16 52	18 54	18 48	15 25	18 14	4 47				
M20	20 18	13 2	2 21	16 19	2 51	17 40	5 27	23 23	0 50	7 30	1 22	3 43	2 27	9 43	0 32	10 16	0 46	5 2	16 52	18 54	18 49	15 23	18 14	4 48				
T 21	20 5	8 29	3 29	16 23	3 4	17 43	5 26	23 18	0 50	7 31	1 22	3 45	2 26	9 43	0 32	10 15	0 46	5 2	16 51	18 54	18 50	15 22	18 14	4 48				
W22	19 51	3 32	4 23	16 29	3 15	17 47	5 25	23 13	0 51	7 32	1 22	3 47	2 26	9 44	0 32	10 14	0 46	5 2	16 51	18 54	18 51	15 20	18 14	4 49				
T 23	19 38	1s28	4 59	16 37	3 24	17 50	5 23	23 7	0 51	7 33	1 22	3 48	2 26	9 44	0 32	10 13	0 46	5 1	16 50	18 54	18 52	15 19	18 14	4 49				
F 24	19 24	6 15	5 16	16 47	3 30	17 54	5 21	23 2	0 52	7 33	1 23	3 50	2 26	9 44	0 32	10 13	0 46	5 1	16 50	18 54	18 52	15 18	18 14	4 49				
S 25	19 9	10 36	5 16	16 59	3 34	17 58	5 19	22 56	0 52	7 34	1 23	3 52	2 25	9 45	0 32	10 12	0 46	5 0	16 50	18 54	18 53	15 16	18 14	4 50				
S 26	18 55	14 19	4 59	17 11	3 35	18 2	5 17	22 49	0 52	7 35	1 23	3 54	2 25	9 45	0 32	10 11	0 46	5 0	16 49	18 54	18 54	15 15	18 14	4 50				
M27	18 40	17 18	4 28	17 24	3 34	18 7	5 14	22 43	0 53	7 35	1 23	3 55	2 25	9 46	0 32	10 10	0 46	5 0	16 49	18 54	18 55	15 13	18 14	4 51				
T 28	18 24	19 24	3 45	17 37	3 31	18 11	5 11	22 36	0 53	7 36	1 24	3 57	2 25	9 46	0 32													

SWISS EPHEMERIS for the year 1851

FEBRUARY 1851

00:00 UT

Table with 16 columns: Day, Sid.t, and symbols for Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, and fixed stars. Rows list dates from S 1 to F 28 with corresponding astronomical data.

Table with 16 columns: Day, and symbols for Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, and fixed stars. Rows list dates from S 1 to F 28 with corresponding astronomical data.

Julian Day Number = 2397154.5, Delta T = 7.01 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'13
Ayanamsha: Fagan/Bradley = 22°39'39, Lahiri = 21°46'39

SWISS EPHEMERIS for the year 1851

MARCH 1851

00:00 UT

Main ephemeris table with 16 columns: Day, Sid.t, and 14 zodiac signs (♈ to ♏). Rows list daily data for March 1851.

Secondary ephemeris table with 21 columns: Day, ☉, ☌, ♀, ♀, ♂, ♋, ♌, ♍, ♎, ♏, ♑, ♒, ♓, ♈, ♉. It provides detailed coordinates for each planet.

Julian Day Number = 2397182.5, Delta T = 7.02 sec
Ecliptic obliquity = 23°27'26", Nutation = - 0°00'13"
Ayanamsha: Fagan/Bradley = 22°39'43", Lahiri = 21°46'43"

SWISS EPHEMERIS for the year 1851

APRIL 1851

00:00 UT

Day	Sid.t	☉	☾	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒
T 1	12 35 2	10°Y40'41	2°Y 3	9°Y41	26°S51	10°X38	19°R 5	22°Y17	29°Y 9	7°X57	28°Y53	3°R15	2°Ω 6	0°X31	23°S 4				
W 2	12 38 58	11°39'50	14°14	11°44	27°59	11°25	18°S58	22°25	29°13	7°59	28°55	3°R 3	2° 0	0°37	23° 4				
T 3	12 42 55	12°38'57	26°35	13°47	29° 7	12°12	18°50	22°32	29°16	8° 1	28°56	2°50	2° 0	0°44	23°R 4				
F 4	12 46 52	13°38'03	9° 7	15°51	0°X15	12°59	18°42	22°40	29°19	8° 3	28°57	2°38	1°57	0°51	23° 4				
S 5	12 50 48	14°37'06	21°50	17°56	1°23	13°46	18°35	22°47	29°23	8° 5	28°59	2°27	1°53	0°57	23° 4				
S 6	12 54 45	15°36'07	4°II45	20° 1	2°32	14°33	18°27	22°55	29°26	8° 7	29° 0	2°18	1°50	1° 4	23° 3				
M 7	12 58 41	16°35'06	17°52	22° 6	3°40	15°19	18°19	23° 3	29°29	8° 9	29° 1	2°13	1°47	1°11	23° 3				
T 8	13 2 38	17°34'02	1°E12	24°11	4°49	16° 6	18°12	23°10	29°33	8°11	29° 3	2°10	1°44	1°17	23° 3				
W 9	13 6 34	18°32'57	14°48	26°16	5°57	16°53	18° 4	23°18	29°36	8°13	29° 4	2°D 9	1°41	1°24	23° 2				
T 10	13 10 31	19°31'49	28°40	28°19	7° 6	17°40	17°56	23°25	29°40	8°15	29° 5	2°R 9	1°38	1°31	23° 2				
F 11	13 14 27	20°30'38	12°Ω49	0°B22	8°15	18°26	17°49	23°33	29°43	8°16	29° 7	2° 9	1°34	1°37	23° 1				
S 12	13 18 24	21°29'26	27°14	2°23	9°24	19°13	17°41	23°41	29°46	8°18	29° 8	2° 7	1°31	1°44	23° 0				
S 13	13 22 21	22°28'10	11°II53	4°23	10°33	20° 0	17°33	23°48	29°50	8°20	29°10	2° 3	1°28	1°50	22°59				
MI4	13 26 17	23°26'53	26°41	6°21	11°42	20°46	17°26	23°56	29°53	8°22	29°11	1°55	1°25	1°57	22°58				
T 15	13 30 14	24°25'34	11°Ω30	8°16	12°52	21°33	17°18	24° 4	29°57	8°23	29°12	1°46	1°22	2° 4	22°57				
WI6	13 34 10	25°24'12	26°12	10° 8	14° 1	22°19	17°10	24°11	0° 0	8°25	29°14	1°35	1°18	2°10	22°56				
T 17	13 38 7	26°22'49	10°II40	11°57	15°10	23° 6	17° 3	24°19	0° 4	8°27	29°15	1°23	1°15	2°17	22°54				
F 18	13 42 3	27°21'24	24°46	13°43	16°20	23°53	16°55	24°26	0° 7	8°28	29°16	1°12	1°12	2°24	22°53				
S 19	13 46 0	28°19'57	8°X26	15°26	17°29	24°39	16°48	24°34	0°10	8°30	29°18	1° 3	1° 9	2°30	22°52				
S 20	13 49 56	29°18'28	21°40	17° 4	18°39	25°26	16°40	24°42	0°14	8°32	29°19	0°57	1° 6	2°37	22°50				
M21	13 53 53	0°B16'58	4°B28	18°39	19°49	26°12	16°33	24°49	0°17	8°33	29°21	0°53	1° 3	2°44	22°49				
T 22	13 57 50	1°15'26	16°54	20° 9	20°58	26°59	16°26	24°57	0°21	8°35	29°22	0°51	0°59	2°50	22°47				
W23	14 1 46	2°13'53	29° 2	21°35	22° 8	27°45	16°19	25° 4	0°24	8°36	29°23	0°51	0°56	2°57	22°45				
T 24	14 5 43	3°12'18	10°S58	22°57	23°18	28°31	16°12	25°12	0°28	8°38	29°25	0°51	0°53	3° 4	22°43				
F 25	14 9 39	4°10'41	22°47	24°14	24°28	29°18	16° 4	25°20	0°31	8°39	29°26	0°50	0°50	3°10	22°41				
S 26	14 13 36	5° 9'02	4°X35	25°26	25°38	0°Y 4	15°58	25°27	0°35	8°41	29°28	0°47	0°47	3°17	22°39				
S 27	14 17 32	6° 7'22	16°27	26°34	26°48	0°51	15°51	25°35	0°38	8°42	29°29	0°42	0°44	3°24	22°37				
M28	14 21 29	7° 5'41	28°26	27°37	27°59	1°37	15°44	25°42	0°41	8°44	29°30	0°34	0°40	3°30	22°35				
T 29	14 25 25	8° 3'57	10°Y36	28°34	29° 9	2°23	15°37	25°50	0°45	8°45	29°32	0°23	0°37	3°37	22°32				
W30	14 29 22	9° 2'12	22°Y58	29°B27	0°Y19	3°Y 9	15°S31	25°Y57	0°B48	8°X46	29°Y33	0°S11	0°S34	3°X44	22°X30				

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	decl	lat	decl	lat	decl
T 1	4n14	3s 9	4s19	2n47	1s 9	12s32	0n 3	8s41	1s11	6s 1	1n35	6n35	2s15	10n43	0s30	9s19	0s47	4s24	16s32	19n27	19n42	13s36	17s47	5n30													
W 2	4 37	1n13	4 46	3 43	1 11	12 13	0s 2	8 23	1 11	5 58	1 35	6 38	2 15	10 44	0 30	9 18	0 47	4 24	16 32	19 30	19 43	13 34	17 46	5 31													
T 3	5 0	5 36	5 0	4 39	0 52	11 53	0 6	8 5	1 11	5 55	1 35	6 41	2 15	10 45	0 30	9 18	0 47	4 23	16 32	19 32	19 44	13 32	17 46	5 31													
F 4	5 23	9 48	5 0	5 35	0 43	11 33	0 10	7 47	1 11	5 52	1 35	6 44	2 15	10 46	0 30	9 17	0 47	4 22	16 32	19 35	19 45	13 31	17 45	5 32													
S 5	5 46	13 39	4 45	6 32	0 33	11 13	0 14	7 29	1 12	5 49	1 35	6 47	2 15	10 47	0 30	9 16	0 47	4 22	16 32	19 38	19 45	13 29	17 44	5 33													
S 6	6 9	16 55	4 15	7 29	0 23	10 52	0 18	7 11	1 12	5 46	1 35	6 49	2 15	10 49	0 30	9 16	0 47	4 21	16 32	19 40	19 46	13 27	17 44	5 33													
M 7	6 31	19 23	3 32	8 25	0 12	10 31	0 22	6 53	1 12	5 43	1 35	6 52	2 15	10 50	0 30	9 15	0 47	4 21	16 32	19 41	19 47	13 26	17 43	5 34													
T 8	6 54	20 51	2 36	9 22	0 2	10 10	0 26	6 35	1 12	5 40	1 35	6 55	2 15	10 51	0 30	9 14	0 47	4 20	16 31	19 42	19 47	13 24	17 42	5 35													
W 9	7 16	21 8	1 31	10 17	0n 9	9 48	0 30	6 17	1 12	5 37	1 35	6 58	2 15	10 52	0 30	9 14	0 47	4 20	16 31	19 42	19 48	13 22	17 42	5 35													
T 10	7 39	20 9	0 18	11 12	0 21	9 26	0 34	5 59	1 12	5 35	1 35	7 1	2 15	10 53	0 30	9 13	0 47	4 19	16 31	19 42	19 49	13 21	17 41	5 36													
F 11	8 1	17 53	0n56	12 6	0 32	9 4	0 38	5 40	1 12	5 32	1 35	7 4	2 15	10 55	0 30	9 12	0 47	4 19	16 31	19 42	19 49	13 19	17 40	5 37													
S 12	8 23	14 27	2 9	12 59	0 43	8 41	0 41	5 22	1 12	5 29	1 35	7 6	2 15	10 56	0 30	9 12	0 47	4 18	16 31	19 42	19 50	13 17	17 39	5 37													
S 13	8 45	10 6	3 14	13 50	0 54	8 18	0 45	5 4	1 12	5 26	1 35	7 9	2 15	10 57	0 30	9 11	0 47	4 18	16 31	19 43	19 51	13 16	17 39	5 38													
MI4	9 7	5 5	4 6	14 40	1 5	7 55	0 48	4 45	1 12	5 23	1 35	7 12	2 15	10 58	0 30	9 10	0 47	4 17	16 31	19 45	19 52	13 14	17 38	5 39													
T 15	9 28	0s13	4 42	15 28	1 16	7 32	0 51	4 27	1 12	5 20	1 35	7 15	2 15	10 59	0 30	9 10	0 47	4 17	16 31	19 47	19 52	13 12	17 37	5 39													
WI6	9 50	5 28	4 59	16 14	1 26	7 8	0 55	4 9	1 11	5 17	1 35	7 18	2 15	11 1	0 30	9 9	0 47	4 16	16 31	19 49	19 53	13 11	17 37	5 40													
T 17	10 11	10 20	4 57	16 58	1 36	6 44	0 58	3 50	1 11	5 14	1 35	7 20	2 15	11 2	0 30	9 8	0 47	4 16	16 31	19 52	19 54	13 9	17 36	5 41													
F 18	10 32	14 30	4 36	17 39	1 46	6 20	1 1	3 32	1 11	5 12	1 35	7 23	2 15	11 3	0 30	9 8	0 47	4 15	16 31	19 54	19 54	13 7	17 35	5 41													
S 19	10 53	17 47	4 0	18 18	1 55	5 56	1 4	3 13	1 11	5 9	1 35	7 26	2 15	11 4	0 30	9 7	0 47	4 15	16 31	19 56	19 55	13 5	17 35	5 42													
S 20	11 14	20 1	3 12	18 55	2 3	5 31	1 7	2 55	1 11	5 6	1 35	7 29	2 15	11 6	0 30	9 7	0 47	4 14	16 31	19 58	19 56	13 4	17 34	5 42													
M21	11 35	21 8	2 15	19 29	2 11	5 6	1 10	2 36	1 11	5 3	1 35	7 31	2 15	11 7	0 30	9 6	0 47	4 14	16 31	19 59	19 56	13 2	17 33	5 43													
T 22	11 55	21 11	1 13	20 1	2 18	4 41	1 12	2 17	1 11	5 1	1 34	7 34	2 15	11 8	0 30	9 6	0 48	4 13	16 31	19 59	19 57	13 0	17 32	5 44													
W23	12 15	20 13	0 10	20 30	2 24	4 16	1 15	1 59	1																												

SWISS EPHEMERIS for the year 1851

MAY 1851

00:00 UT

Day	Sid.t	☉	☽	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	♁	♂
T 1	14 33 18	10 ⁸ 0'26	5 ⁸ 34	0 ^{II} 14	1 ^Y 29	3 ^Y 56	15°R24	26°Y 5	0 ⁸ 52	8 ^X 48	29°Y 34	29°R58	0 ^Ω 31	3 ^X 50	22°R28
F 2	14 37 15	10°58'38	18°24	0°57	2°40	4°42	15 ^Δ 18	26°12	0°55	8°49	29°36	29 ^Ω 45	0°28	3°57	22 ^X 25
S 3	14 41 12	11°56'48	1 ^{II} 27	1°34	3°50	5°28	15°11	26°20	0°58	8°50	29°37	29°34	0°24	4° 4	22°23
S 4	14 45 8	12°54'56	14°42	2° 6	5° 1	6°14	15° 5	26°27	1° 2	8°52	29°39	29°25	0°21	4°10	22°20
M 5	14 49 5	13°53'02	28° 8	2°33	6°11	7° 0	14°59	26°34	1° 5	8°53	29°40	29°19	0°18	4°17	22°17
T 6	14 53 1	14°51'07	11 ^Ω 44	2°54	7°22	7°46	14°53	26°42	1° 9	8°54	29°41	29°16	0°15	4°24	22°14
W 7	14 56 58	15°49'10	25°29	3°11	8°32	8°32	14°48	26°49	1°12	8°55	29°43	29°D15	0°12	4°31	22°11
T 8	15 0 54	16°47'11	9 ^Ω 24	3°22	9°43	9°18	14°42	26°57	1°15	8°56	29°44	29°R15	0° 9	4°37	22° 9
F 9	15 4 51	17°45'09	23°28	3°28	10°54	10° 4	14°36	27° 4	1°19	8°57	29°45	29°15	0° 5	4°44	22° 6
S 10	15 8 47	18°43'06	7 ^η 40	3°R28	12° 5	10°50	14°31	27°11	1°22	8°59	29°47	29°14	0° 2	4°51	22° 2
S 11	15 12 44	19°41'01	22° 0	3°24	13°15	11°36	14°26	27°18	1°25	9° 0	29°48	29°10	29 ^Ω 59	4°57	21°59
M12	15 16 41	20°38'54	6 ^Δ 24	3°15	14°26	12°21	14°21	27°26	1°29	9° 1	29°49	29° 4	29°56	5° 4	21°56
T 13	15 20 37	21°36'46	20°47	3° 2	15°37	13° 7	14°16	27°33	1°32	9° 2	29°51	28°56	29°53	5°11	21°53
W14	15 24 34	22°34'36	5 ^η 4	2°45	16°48	13°53	14°11	27°40	1°35	9° 2	29°52	28°46	29°50	5°17	21°50
T 15	15 28 30	23°32'24	19°10	2°23	17°59	14°38	14° 6	27°47	1°38	9° 3	29°53	28°36	29°46	5°24	21°46
F 16	15 32 27	24°30'11	2 ^X 59	1°59	19°10	15°24	14° 2	27°54	1°42	9° 4	29°54	28°26	29°43	5°31	21°43
S 17	15 36 23	25°27'56	16°28	1°31	20°21	16°10	13°58	28° 1	1°45	9° 5	29°56	28°18	29°40	5°37	21°39
S 18	15 40 20	26°25'40	29°35	1° 1	21°32	16°55	13°54	28° 8	1°48	9° 6	29°57	28°12	29°37	5°44	21°36
M19	15 44 16	27°23'23	12 ^Ω 20	0°29	22°43	17°41	13°50	28°15	1°51	9° 7	29°58	28° 9	29°34	5°51	21°32
T 20	15 48 13	28°21'05	24°46	29 ⁸ 55	23°54	18°26	13°46	28°22	1°55	9° 8	29°59	28°D 8	29°30	5°57	21°29
W21	15 52 10	29°18'46	6 ^Ω 55	29°21	25° 6	19°11	13°42	28°29	1°58	9° 8	0 ⁸ 1	28° 8	29°27	6° 4	21°25
T 22	15 56 6	0 ^{II} 16'26	18°53	28°46	26°17	19°57	13°39	28°36	2° 1	9° 9	0° 2	28° 9	29°24	6°11	21°21
F 23	16 0 3	1°14'04	0 ^X 45	28°12	27°28	20°42	13°35	28°43	2° 4	9°10	0° 3	28°R 9	29°21	6°17	21°17
S 24	16 3 59	2°11'42	12°35	27°39	28°39	21°27	13°32	28°50	2° 7	9°10	0° 4	28° 8	29°18	6°24	21°14
S 25	16 7 56	3° 9'19	24°29	27° 8	29°51	22°13	13°29	28°57	2°10	9°11	0° 6	28° 6	29°15	6°31	21°10
M26	16 11 52	4° 6'54	6 ^Y 31	26°39	1 ⁸ 2	22°58	13°26	29° 3	2°13	9°11	0° 7	28° 2	29°11	6°37	21° 6
T 27	16 15 49	5° 4'29	18°47	26°12	2°14	23°43	13°24	29°10	2°16	9°12	0° 8	27°55	29° 8	6°44	21° 2
W28	16 19 45	6° 2'03	1 ⁸ 18	25°48	3°25	24°28	13°21	29°17	2°19	9°13	0° 9	27°47	29° 5	6°51	20°58
T 29	16 23 42	6°59'36	14° 6	25°28	4°36	25°13	13°19	29°23	2°22	9°13	0°10	27°38	29° 2	6°57	20°54
F 30	16 27 39	7°57'07	27°12	25°11	5°48	25°58	13°17	29°30	2°25	9°13	0°11	27°29	28°59	7° 4	20°50
S 31	16 31 35	8 ^{II} 54'38	10 ^{II} 35	24 ⁸ 58	7 ⁸ 0	26 ^Y 43	13 ^Δ 15	29 ^Y 37	2 ⁸ 28	9 ^X 14	0 ⁸ 12	27 ^Ω 22	28 ^Ω 55	7 ^X 11	20 ^X 46

Day	☉	☽	♃	♄	♅	♆	♁	♂	♆	♁	♂	♁	♂	♁	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	14n50	8n41	4s59	22n50	2n41	0s50	1s33	0n30	1s10	4s38	1n33	7n59	2s15	11n19	0s30	9s 1	0s48	4s 9	16s31	20n10	20n 3	12s45	17s26	5n49
F 2	15 8 12	45 4	4 25	22 57	2 38	0 23	1 35	0 48	1 10	4 36	1 33	8 1	2 15	11 20	0 30	9 1	0 48	4 9	16 31	20 13	20 4	12 43	17 25	5 50
S 3	15 26 16	17 4	16 23	1 2	2 35	0n 3	1 37	1 7	1 10	4 33	1 33	8 4	2 15	11 21	0 30	9 0	0 48	4 8	16 31	20 15	20 5	12 41	17 25	5 50
S 4	15 44 19	4 3	3 33	23 3	2 30	0 29	1 38	1 25	1 9	4 31	1 33	8 6	2 16	11 22	0 30	9 0	0 48	4 8	16 31	20 17	20 5	12 39	17 24	5 51
M 5	16 1 20	50 2	3 27	23 2	2 24	0 56	1 40	1 43	1 9	4 29	1 33	8 9	2 16	11 24	0 30	8 59	0 48	4 8	16 31	20 19	20 6	12 38	17 23	5 51
T 6	16 18 21	25 1	3 13	23 0	2 17	1 22	1 41	2 2	1 9	4 27	1 32	8 12	2 16	11 25	0 30	8 59	0 48	4 7	16 31	20 19	20 7	12 36	17 23	5 52
W 7	16 35 20	44 0	20 22	55 2	9 1	49 1	43 2	20 1	9 4	25 1	32 8	14 2	16 11	26 0	30 8	58 0	48 4	7	16 31	20 19	20 7	12 34	17 22	5 52
T 8	16 52 18	47 0	54 22	48 1	59 2	16 1	44 2	38 1	8 4	23 1	32 8	17 2	16 11	27 0	30 8	58 0	48 4	7	16 31	20 19	20 8	12 32	17 21	5 53
F 9	17 8 15	40 2	5 22	39 1	49 2	42 1	45 2	57 1	8 4	21 1	32 8	19 2	16 11	28 0	30 8	58 0	48 4	6	16 32	20 19	20 9	12 31	17 21	5 53
S 10	17 24 11	37 3	9 22	28 1	37 3	9 1	46 3	15 1	8 4	19 1	32 8	22 2	16 11	29 0	30 8	57 0	48 4	6	16 32	20 20	20 9	12 29	17 20	5 54
S 11	17 40 6	53 4	2 22	14 1	25 3	35 1	47 3	33 1	8 4	17 1	31 8	24 2	16 11	31 0	30 8	57 0	48 4	6	16 32	20 20	20 10	12 27	17 19	5 54
M12	17 56 1 44	4 40	21 59	1 11	4 2	1 48	3 51	1 8	4 15	1 31	8 27	2 16	11 32	0 30	8 57	0 48	4 5	16 32	20 22	20 11	12 25	17 19	5 55	
T 13	18 11 3s29	5 0	21 43	0 57	4 29	1 49	4 9	1 7	4 14	1 31	8 29	2 16	11 33	0 30	8 56	0 48	4 5	16 32	20 23	20 11	12 23	17 18	5 55	
W14	18 26 8 29	5 1	21 24	0 42	4 55	1 50	4 27	1 7	4 12	1 31	8 32	2 16	11 34	0 30	8 56	0 48	4 5	16 32	20 25	20 12	12 22	17 17	5 56	
T 15	18 40 12	59 4	4 44	21 4	0 26	5 22	1 50	4 45	1 7	4 11	1 31	8 34	2 16	11 35	0 30	8 56	0 48	4 4	16 32	20 27	20 13	12 20	17 17	5 56
F 16	18 55 16	41 4	10 20	43 0	9 5	5 48	1 51	5 3	1 6	4 9	1 30	8 37	2 16	11 36	0 30	8 55	0 48	4 4	16 32	20 29	20 13	12 18	17 16	5 56
S 17	19 9 19	24 3	23 20	21 0s 8	6 14	1 51	5 21	1 6	4 8	1 30	8 39	2 16	11 37	0 30	8 55	0 48	4 4	16 32	20 31	20 14	12 16	17 15	5 57	
S 18	19 22 21	1 2	26 19	58 0 25	6 40	1 52	5 38	1 6	4 6	1 30	8 42	2 17	11 38	0 30	8 55	0 48	4 3	16 33	20 32	20 15	12 14	17 15	5 57	
M19	19 35 21	30 1	23 19	34 0 43	7 7	1 52	5 56	1 6	4 5	1 30	8 44	2 17	11 39	0 30	8 54	0 48	4 3	16 33	20 33	20 15	12 13	17 14	5 58	
T 20	19 48 20	54 0	18 19	10 1	1 7	3 3	1 52	6 14	1 5	4 1	3 0	8 46	2 17	11 41	0 30	8 54	0 48	4 3	16 33	20 33	20 16	12 11	17 14	5 58
W21	20 1 19	19 0s47	18 45	1 18	7 58	1 52	6 31	1 5	4 2	1 29	8 49	2 17	11 42	0 30	8 54	0 49	4 2	16 33	20 33	20 17	12 9	17 13	5 59	
T 22	20 13 16	54 1	49 18	21 1	35 8	24 1	52 6	49 1	5 4	1 29	8 51	2 17	11 43	0 30	8 54	0 49	4 2	16 33	20 33	20 17	12 7	17 12	5 59	
F 23	20 25 13	48 2	46 17	58 1	52 8	50 1	52 7	6 1	4 4	0 1	29 8	53 2	17 11	44 0	30 8	53 0	49 4	2	16 33	20 33	20 18	12 5	17 12	5 59
S 24	20 37 10	9 3	35 17	35 2	8 9	15 1	52 7	23 1	4 3	59 1	29 8	56 2	17 11	45 0	30 8	53 0	49 4	2	16 33	20 33	20 19	12 3	17 11	6 0
S 25	20 48 6	6 4	16 17	13 2	23 9	41 1	52 7	40 1	3 3	58 1	28 8	58 2	17 11	46 0	30 8	53 0	49 4	1	16 34	20 33	20 19	12 2	17 10	6 0
M26	20 59 1 47	4 45	16 52	2 37	10 6	1 52	7 57	1 3	3 57	1 28 9	0 2	17 11	47 0	30 8	53 0	49 4	1	16 34	20 34	20 20	12 0	17 10	6 0	
T 27	21 10 2n42	5 3	16 33	2 51	10 31	1 52	8 14	1 3	3 56	1 28 9	3 2	18 11	48 0	30 8	53 0	49 4	1	16 34	20 36	20 21	11 58	17 9	6 1	
W28	21 20 7 9	5 6	16 15	3 3	10 55	1 51	8 31	1 2	3 56	1 28 9	5 2	18 11	49 0	30 8	53 0	49 4	1	16 34	20 37	20 21	11 56	17 9	6	

SWISS EPHEMERIS for the year 1851

JUNE 1851

00:00 UT

Main table with columns: Day, Sid.t, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♁, ♃, ♄, ♆, ♇, ♈, ♉, ♊, ♋, ♌, ♍. Contains 60 rows of astronomical data.

Table with columns: Day, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♁, ♃, ♄, ♆, ♇, ♈, ♉, ♊, ♋, ♌, ♍. Contains 60 rows of astronomical data with declination and latitude sub-columns.

Julian Day Number = 2397274.5, Delta T = 7.04 sec
Ecliptic obliquity = 23°27'26", Nutation = - 0°00'16"
Ayanamsha: Fagan/Bradley = 22°39'56", Lahiri = 21°46'56"

SWISS EPHEMERIS for the year 1851

JULY 1851

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁
T 1	18 33 48	8♄30'57	1♁43	22♂19	14♂12	19♂26	13♁43	2♂29	3♂44	9°R11	0♄40	26°D27	27♄17	10♂38	18°R41
W 2	18 37 45	9°28'10	16°15	24° 9	15°24	20° 8	13°47	2°34	3°46	9°10	0°41	26°E28	27°14	10°44	18♂37
T 3	18 41 42	10°25'23	0♂47	26° 2	16°37	20°51	13°51	2°38	3°47	9° 9	0°41	26°29	27°11	10°51	18°34
F 4	18 45 38	11°22'36	15°15	27°58	17°49	21°34	13°55	2°42	3°49	9° 9	0°42	26°30	27° 7	10°58	18°30
S 5	18 49 35	12°19'48	29°36	29°56	19° 2	22°17	13°59	2°46	3°51	9° 8	0°43	26°31	27° 4	11° 4	18°27
S 6	18 53 31	13°17'00	13♁45	1♄56	20°14	22°59	14° 3	2°51	3°53	9° 7	0°43	26°R31	27° 1	11°11	18°23
M 7	18 57 28	14°14'12	27°42	3°58	21°27	23°42	14° 8	2°55	3°54	9° 7	0°44	26°31	26°58	11°18	18°20
T 8	19 1 24	15°11'23	11♂25	6° 2	22°40	24°24	14°12	2°59	3°56	9° 6	0°44	26°30	26°55	11°24	18°16
W 9	19 5 21	16° 8'35	24°54	8° 8	23°52	25° 7	14°17	3° 2	3°57	9° 5	0°45	26°29	26°52	11°31	18°13
T 10	19 9 17	17° 5'46	8♂ 9	10°15	25° 5	25°49	14°22	3° 6	3°59	9° 4	0°45	26°28	26°48	11°38	18°10
F 11	19 13 14	18° 2'58	21°10	12°23	26°18	26°31	14°27	3°10	4° 0	9° 3	0°45	26°27	26°45	11°45	18° 6
S 12	19 17 11	19° 0'10	3♂56	14°32	27°30	27°13	14°32	3°14	4° 2	9° 2	0°46	26°26	26°42	11°51	18° 3
S 13	19 21 7	19°57'22	16°30	16°41	28°43	27°55	14°38	3°17	4° 3	9° 1	0°46	26°25	26°39	11°58	18° 0
M14	19 25 4	20°54'34	28°51	18°50	29°56	28°37	14°43	3°21	4° 5	9° 1	0°47	26°D25	26°36	12° 5	17°57
T 15	19 29 0	21°51'47	11♁ 1	20°59	1♄ 9	29°19	14°49	3°24	4° 6	9° 0	0°47	26°25	26°33	12°11	17°54
W16	19 32 57	22°49'00	23° 2	23° 7	2°22	0♂ 1	14°55	3°27	4° 7	8°59	0°47	26°26	26°29	12°18	17°51
T 17	19 36 53	23°46'13	4♂57	25°15	3°35	0°43	15° 1	3°30	4° 8	8°58	0°48	26°26	26°26	12°25	17°48
F 18	19 40 50	24°43'27	16°48	27°22	4°48	1°25	15° 7	3°33	4° 9	8°57	0°48	26°26	26°23	12°31	17°45
S 19	19 44 46	25°40'42	28°38	29°27	6° 1	2° 6	15°13	3°36	4°11	8°55	0°48	26°27	26°20	12°38	17°42
S 20	19 48 43	26°37'58	10♂33	1♁32	7°14	2°48	15°20	3°39	4°12	8°54	0°49	26°R27	26°17	12°45	17°40
M21	19 52 40	27°35'14	22°36	3°35	8°27	3°29	15°26	3°42	4°13	8°53	0°49	26°D27	26°13	12°51	17°37
T 22	19 56 36	28°32'32	4♂51	5°37	9°40	4°11	15°33	3°45	4°14	8°52	0°49	26°27	26°10	12°58	17°35
W23	20 0 33	29°29'50	17°24	7°37	10°53	4°52	15°40	3°47	4°15	8°51	0°49	26°27	26° 7	13° 5	17°32
T 24	20 4 29	0♂27'09	0♂17	9°36	12° 6	5°33	15°47	3°50	4°15	8°50	0°49	26°27	26° 4	13°11	17°30
F 25	20 8 26	1°24'29	13°34	11°33	13°19	6°14	15°54	3°52	4°16	8°49	0°50	26°27	26° 1	13°18	17°27
S 26	20 12 22	2°21'50	27°16	13°29	14°33	6°55	16° 1	3°55	4°17	8°47	0°50	26°28	25°58	13°25	17°25
S 27	20 16 19	3°19'12	11♄23	15°23	15°46	7°36	16° 8	3°57	4°18	8°46	0°50	26°28	25°54	13°32	17°23
M28	20 20 15	4°16'35	25°51	17°15	16°59	8°17	16°16	3°59	4°18	8°45	0°50	26°R29	25°51	13°38	17°21
T 29	20 24 12	5°13'58	10♁37	19° 6	18°12	8°58	16°23	4° 1	4°19	8°44	0°50	26°28	25°48	13°45	17°19
W30	20 28 9	6°11'23	25°32	20°54	19°26	9°38	16°31	4° 3	4°20	8°42	0°50	26°28	25°45	13°52	17°17
T 31	20 32 5	7♁ 8'48	10♂29	22♁42	20♄39	10♂19	16♁39	4♂ 5	4♂20	8♂41	0♄50	26♄27	25♄42	13♂58	17♂15

Day	☉		☽		♀		♁		♂		♃		♅		♁		♄		♆					
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
T 1	23n11	20n16	0n29	22n25	0s49	21n34	0s58	16n53	0s45	4s13	1n19	10n 6	2s24	12n18	0s31	8s54	0s50	3s58	16s43	20n53	20n43	10s51	16s55	6n 5
W 2	23 7 17 41	1 47 22 43	0 37 21 44	0 55 17 5	0 44 4 14	1 18 10 7	2 24 12 18	0 31 8 55	0 50 3 59	16 43 20 53	20 44 10 50	16 54 6 5												
T 3	23 3 13 59	2 59 22 59	0 25 21 54	0 53 17 17	0 43 4 16	1 18 10 8	2 24 12 19	0 31 8 55	0 50 3 59	16 43 20 52	20 44 10 48	16 54 6 5												
F 4	22 58 9 28	3 58 23 14	0 13 22 3	0 51 17 29	0 43 4 18	1 18 10 10	2 24 12 19	0 31 8 55	0 50 3 59	16 44 20 52	20 45 10 46	16 54 6 5												
S 5	22 53 4 29	4 42 23 26	0 4 12 22	0 48 17 40	0 42 4 20	1 18 10 11	2 24 12 20	0 31 8 56	0 50 3 59	16 44 20 52	20 46 10 44	16 54 6 5												
S 6	22 48 0s41	5 9 23 37	0n10	22 20	0 46 17 52	0 42 4 22	1 17 10 12	2 25 12 20	0 31 8 56	0 50 3 59	16 44 20 52	20 46 10 42	16 54 6 5											
M 7	22 42 5 44	5 16 23 45	0 21 22 28	0 43 18 3	0 41 4 24	1 17 10 13	2 25 12 21	0 31 8 56	0 50 3 59	16 45 20 52	20 47 10 40	16 53 6 5												
T 8	22 36 10 25	5 6 23 51	0 32 22 35	0 41 18 14	0 40 4 26	1 17 10 14	2 25 12 21	0 31 8 56	0 50 3 59	16 45 20 52	20 47 10 38	16 53 6 4												
W 9	22 29 14 30	4 39 23 54	0 41 22 41	0 38 18 25	0 39 4 28	1 17 10 15	2 25 12 22	0 31 8 57	0 50 3 59	16 45 20 52	20 48 10 36	16 53 6 4												
T 10	22 22 17 47	3 57 23 54	0 51 22 46	0 36 18 36	0 39 4 30	1 16 10 17	2 26 12 22	0 31 8 57	0 50 4 0	16 46 20 53	20 49 10 34	16 53 6 4												
F 11	22 14 20 7	3 3 23 52	1 0 22 51	0 33 18 46	0 38 4 32	1 16 10 18	2 26 12 23	0 31 8 58	0 50 4 0	16 46 20 53	20 49 10 32	16 53 6 4												
S 12	22 7 21 22	2 1 23 47	1 8 22 56	0 30 18 57	0 37 4 34	1 16 10 19	2 26 12 23	0 31 8 58	0 50 4 0	16 46 20 53	20 50 10 30	16 53 6 4												
S 13	21 58 21 32	0 55 23 39	1 15 22 59	0 28 19 7	0 37 4 37	1 16 10 20	2 26 12 24	0 31 8 58	0 50 4 0	16 46 20 53	20 50 10 28	16 53 6 4												
M14	21 50 20 38	0s13	23 29	1 22 23 2	0 25 19 17	0 36 4 39	1 15 10 20	2 27 12 24	0 31 8 59	0 50 4 0	16 47 20 53	20 51 10 26	16 53 6 3											
T 15	21 41 18 46	1 20 23 16	1 28 23 4	0 23 19 27	0 35 4 41	1 15 10 21	2 27 12 25	0 31 8 59	0 50 4 0	16 47 20 53	20 52 10 24	16 53 6 3												
W16	21 32 16 5	2 22 23 0	1 33 23 6	0 20 19 37	0 34 4 44	1 15 10 22	2 27 12 25	0 31 8 59	0 51 4 1	16 47 20 53	20 52 10 22	16 52 6 3												
T 17	21 22 12 46	3 18 22 42	1 37 23 7	0 17 19 46	0 34 4 46	1 15 10 23	2 27 12 26	0 31 9 0	0 51 4 1	16 48 20 53	20 53 10 20	16 52 6 3												
F 18	21 12 8 58	4 5 22 21	1 41 23 7	0 15 19 55	0 33 4 49	1 14 10 24	2 27 12 26	0 31 9 0	0 51 4 1	16 48 20 53	20 54 10 18	16 52 6 3												
S 19	21 1 4 50	4 41 21 58	1 44 23 7	0 12 20 4	0 32 4 52	1 14 10 25	2 28 12 26	0 31 9 1	0 51 4 1	16 48 20 53	20 54 10 16	16 52 6 2												
S 20	20 51 0 30	5 5 21 33	1 46 23 6	0 10 20 13	0 31 4 54	1 14 10 25	2 28 12 27	0 31 9 1	0 51 4 1	16 49 20 53	20 55 10 14	16 52 6 2												
M21	20 40 3n54	5 17 21 6	1 47 23 4	0 7 20 22	0 31 4 57	1 14 10 26	2 28 12 27	0 31 9 2	0 51 4 2	16 49 20 53	20 55 10 12	16 52 6 2												
T 22	20 28 8 13	5 14 20 37	1 48 23 2	0 5 20 30	0 30 5 0	1 13 10 27	2 28 12 27	0 31 9 2	0 51 4 2	16 49 20 53	20 56 10 10	16 52 6 2												
W23	20 16 12 18	4 56 20 7	1 48 22 59	0 2 20 39	0 29 5 3	1 13 10 27	2 29 12 28	0 31 9 3	0 51 4 2	16 50 20 53	20 57 10 8	16 53 6 1												
T 24	20 4 15 55	4 24 19 35	1 47 22 55	0n 1	20 47 0 28	5 6 1 13	10 28	2 29 12 28	0 31 9 3	0 51 4 2	16 50 20 53	20 57 10 6	16 53 6 1											
F 25	19 52 18 52	3 36 19 2	1 46 22 51	0 3 20 55	0 28 5 8	1 13 10 29	2 29 12 28	0 31 9 3	0 51 4 3	16 50 20 53	20 58 10 4	16 53 6 1												
S 26	19 39 20 51	2 35 18 27	1 44 22 46	0 6 21 3	0 27 5 11	1 12 10 29	2 29 12 28	0 31 9 4	0 51 4 3	16 51 20 53	20 58 10 2	16 53 6 1												
S 27	19 26 21 36	1 23 17 51	1 42 22 40	0 8 21 10	0 26 5 14	1 12 10 30	2 30 12 29	0 31 9 4	0 51 4 3	16 51 20 53	20 59 10 0	16 53 6 0												
M28	19 12 20 56	0 3 17 15	1 39 22 33	0 11 21 17	0 25 5 18	1 12 10 30	2 30 12 29	0 31 9 5	0 51 4 4	16 51 20 52	20 59 9 58	16 53 6 0												
T 29	18 58 18 50	1n18	16 37	1 35 22 26	0 13 21 25	0 24																		

SWISS EPHEMERIS for the year 1851

AUGUST 1851

00:00 UT

Day	Sid.t	☉	☽	♁	♂	♄	♃	♅	♆	♁	♂	♄	♃	♅	♆	♁	♂	♄
F 1	20 36 2	8♎ 6'14	25♏19	24♎27	21♏53	11♏0	16♏47	4♋ 6	4♋21	8♋40	0♋50	26♋25	25♏39	14♋ 5	17♋13			
S 2	20 39 58	9° 3'40	9♏56	26°11	23° 6	11°40	16°55	4° 8	4°21	8°38	0♋50	26♋24	25°35	14°12	17°12			
S 3	20 43 55	10° 1'07	24°16	27°54	24°19	12°20	17° 3	4°10	4°21	8°37	0°50	26°23	25°32	14°18	17°10			
M 4	20 47 51	10°58'35	8♏14	29°34	25°33	13° 0	17°11	4°11	4°22	8°35	0°50	26°D23	25°29	14°25	17° 8			
T 5	20 51 48	11°56'03	21°52	1♏13	26°47	13°40	17°20	4°12	4°22	8°34	0°50	26°23	25°26	14°32	17° 7			
W 6	20 55 44	12°53'33	5♁ 8	2°51	28° 0	14°20	17°28	4°13	4°22	8°33	0°50	26°24	25°23	14°38	17° 6			
T 7	20 59 41	13°51'03	18° 7	4°27	29°14	15° 0	17°37	4°15	4°22	8°31	0°50	26°25	25°19	14°45	17° 4			
F 8	21 3 38	14°48'34	0♎49	6° 1	0♎27	15°40	17°46	4°16	4°22	8°30	0°50	26°26	25°16	14°52	17° 3			
S 9	21 7 34	15°46'05	13°17	7°34	1°41	16°20	17°55	4°16	4°23	8°28	0°49	26°27	25°13	14°58	17° 2			
S 10	21 11 31	16°43'38	25°34	9° 5	2°55	16°59	18° 4	4°17	4°R23	8°27	0°49	26°R28	25°10	15° 5	17° 1			
M11	21 15 27	17°41'12	7♁41	10°34	4° 8	17°39	18°13	4°18	4°23	8°25	0°49	26°27	25° 7	15°12	17° 0			
T 12	21 19 24	18°38'47	19°42	12° 2	5°22	18°18	18°22	4°18	4°23	8°24	0°49	26°26	25° 4	15°19	16°59			
W13	21 23 20	19°36'23	1♋37	13°28	6°36	18°58	18°31	4°19	4°22	8°22	0°49	26°23	25° 0	15°25	16°59			
T 14	21 27 17	20°34'01	13°28	14°53	7°50	19°37	18°41	4°19	4°22	8°21	0°48	26°20	24°57	15°32	16°58			
F 15	21 31 13	21°31'40	25°19	16°15	9° 3	20°16	18°50	4°20	4°22	8°19	0°48	26°16	24°54	15°39	16°57			
S 16	21 35 10	22°29'20	7♋10	17°36	10°17	20°55	19° 0	4°20	4°22	8°17	0°48	26°11	24°51	15°45	16°57			
S 17	21 39 7	23°27'02	19° 6	18°56	11°31	21°34	19° 9	4°R20	4°21	8°16	0°47	26° 7	24°48	15°52	16°57			
M18	21 43 3	24°24'45	1♋ 9	20°13	12°45	22°13	19°19	4°20	4°21	8°14	0°47	26° 4	24°45	15°59	16°56			
T 19	21 47 0	25°22'30	13°23	21°29	13°59	22°52	19°29	4°19	4°21	8°13	0°47	26° 2	24°41	16° 5	16°56			
W20	21 50 56	26°20'17	25°52	22°43	15°13	23°30	19°39	4°19	4°20	8°11	0°46	26°D 1	24°38	16°12	16°56			
T 21	21 54 53	27°18'05	8♏40	23°54	16°27	24° 9	19°49	4°19	4°20	8° 9	0°46	26° 2	24°35	16°19	16°D56			
F 22	21 58 49	28°15'55	21°51	25° 4	17°41	24°47	19°59	4°18	4°19	8° 8	0°45	26° 3	24°32	16°25	16°56			
S 23	22 2 46	29°13'47	5♏28	26°11	18°55	25°25	20° 9	4°18	4°19	8° 6	0°45	26° 5	24°29	16°32	16°56			
S 24	22 6 42	0♎11'41	19°33	27°17	20° 9	26° 3	20°20	4°17	4°18	8° 5	0°45	26°R 6	24°25	16°39	16°56			
M25	22 10 39	1° 9'36	4♎ 3	28°20	21°24	26°41	20°30	4°16	4°17	8° 3	0°44	26° 6	24°22	16°46	16°57			
T 26	22 14 36	2° 7'33	18°56	29°20	22°38	27°19	20°41	4°15	4°16	8° 1	0°44	26° 4	24°19	16°52	16°57			
W27	22 18 32	3° 5'32	4♎ 4	0♎18	23°52	27°57	20°51	4°14	4°16	8° 0	0°43	26° 1	24°16	16°59	16°58			
T 28	22 22 29	4° 3'32	19°19	1°13	25° 6	28°35	21° 2	4°13	4°15	7°58	0°42	25°56	24°13	17° 6	16°58			
F 29	22 26 25	5° 1'34	4♎28	2° 5	26°20	29°12	21°13	4°12	4°14	7°56	0°42	25°50	24°10	17°12	16°59			
S 30	22 30 22	5°59'37	19°24	2°54	27°35	29°50	21°23	4°11	4°13	7°55	0°41	25°45	24° 6	17°19	17° 0			
S 31	22 34 18	6♎57'41	3♏57	3♎40	28♎49	0♎27	21♎34	4♋ 9	4♋12	7♋53	0♋41	25♎40	24♎ 3	17♋26	17♋ 1			

Day	☉			☽			♁		♂		♄		♃		♅		♆		♁		♂		♄		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	18n15	6n 1	4n31	14n40	1n22	22n 1	0n21	21n45	0s22	5s30	1n11	10n32	2s31	12n29	0s31	9s 7	0s51	4s 5	16s53	20n53	21n 2	9s49	16s53	5n59	5s 8
S 2	18 0	0 43	5 4	14 0	1 16	21 51	0 23	21 51	0 21	5 34	1 11	10 32	2 31	12 30	0 31	9 8	0 51	4 5	16 53	20 53	21 2	9 47	16 54	5 58	5 8
S 3	17 45	4s31	5 16	13 19	1 10	21 41	0 25	21 57	0 20	5 37	1 11	10 32	2 32	12 30	0 31	9 8	0 51	4 5	16 53	20 54	21 3	9 45	16 54	5 58	5 8
M 4	17 29	9 22	5 10	12 38	1 4	21 30	0 28	22 3	0 19	5 40	1 11	10 32	2 32	12 30	0 31	9 9	0 51	4 6	16 54	20 54	21 4	9 43	16 54	5 58	5 8
T 5	17 14	13 38	4 46	11 57	0 58	21 19	0 30	22 9	0 18	5 44	1 10	10 33	2 32	12 30	0 31	9 9	0 51	4 6	16 54	20 54	21 4	9 41	16 54	5 57	5 7
W 6	16 57	17 7	4 7	11 16	0 51	21 6	0 32	22 15	0 18	5 47	1 10	10 33	2 32	12 30	0 31	9 10	0 51	4 6	16 54	20 53	21 5	9 39	16 54	5 57	5 7
T 7	16 41	19 40	3 16	10 34	0 44	20 54	0 35	22 20	0 17	5 51	1 10	10 33	2 33	12 30	0 31	9 10	0 51	4 7	16 55	20 53	21 5	9 37	16 55	5 57	5 7
F 8	16 24	21 10	2 17	9 53	0 37	20 40	0 37	22 25	0 16	5 54	1 10	10 33	2 33	12 30	0 31	9 11	0 51	4 7	16 55	20 53	21 6	9 35	16 55	5 56	5 6
S 9	16 7	21 36	1 12	9 11	0 29	20 26	0 39	22 30	0 15	5 58	1 10	10 33	2 33	12 30	0 31	9 11	0 51	4 7	16 55	20 53	21 6	9 33	16 55	5 56	5 6
S 10	15 50	20 58	0 5	8 30	0 21	20 12	0 41	22 35	0 14	6 1	1 9	10 33	2 33	12 30	0 31	9 12	0 51	4 8	16 56	20 53	21 7	9 31	16 55	5 56	5 6
M11	15 33	19 21	1s 1	7 48	0 13	19 56	0 43	22 40	0 13	6 5	1 9	10 33	2 34	12 30	0 31	9 13	0 51	4 8	16 56	20 53	21 8	9 29	16 56	5 55	5 5
T 12	15 15	16 53	2 4	7 7	0 4	19 41	0 45	22 44	0 12	6 9	1 9	10 33	2 34	12 30	0 31	9 13	0 51	4 9	16 56	20 53	21 8	9 27	16 56	5 55	5 5
W13	14 57	13 44	3 1	6 26	0s 4	19 24	0 47	22 49	0 11	6 12	1 9	10 33	2 34	12 30	0 31	9 14	0 51	4 9	16 57	20 53	21 9	9 24	16 56	5 54	5 4
T 14	14 39	10 3	3 50	5 46	0 13	19 7	0 49	22 53	0 10	6 16	1 9	10 33	2 34	12 30	0 31	9 14	0 51	4 9	16 57	20 54	21 9	9 22	16 57	5 54	5 4
F 15	14 20	5 59	4 29	5 5	0 22	18 50	0 51	22 57	0 9	6 20	1 8	10 33	2 35	12 30	0 31	9 15	0 51	4 10	16 57	20 55	21 10	9 20	16 57	5 54	5 4
S 16	14 2	1 41	4 56	4 25	0 31	18 32	0 53	23 0	0 9	6 24	1 8	10 32	2 35	12 30	0 31	9 16	0 51	4 10	16 58	20 56	21 11	9 18	16 57	5 53	5 3
S 17	13 43	2n41	5 11	3 46	0 40	18 13	0 55	23 4	0 8	6 27	1 8	10 32	2 35	12 29	0 31	9 16	0 51	4 11	16 58	20 56	21 11	9 16	16 58	5 53	5 3
M18	13 24	7 0	5 12	3 7	0 50	17 54	0 57	23 7	0 7	6 31	1 8	10 32	2 35	12 29	0 31	9 17	0 51	4 11	16 58	20 57	21 12	9 14	16 58	5 52	5 2
T 19	13 4	11 7	4 59	2 28	0 59	17 35	0 59	23 10	0 6	6 35	1 8	10 32	2 36	12 29	0 31	9 17	0 51	4 11	16 59	20 57	21 12	9 12	16 58	5 52	5 2
W20	12 45	14 50	4 32	1 50	1 9	17 15	1 0	23 13	0 5	6 39	1 8	10 31	2 36	12 29	0 31	9 18	0 51	4 12	16 59	20 58	21 13	9 10	16 59	5 52	5 2
T 21	12 25	17 58	3 51	1 13	1 18	16 54	1 2	23 16	0 4	6 43	1 7	10 31													

SWISS EPHEMERIS for the year 1851

SEPTEMBER 1851

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Day	Sid.t	☉	☾	♀	♁	♂	♃	♅	♁	♃	♄	♁	♅	♁	♅	♁	♅
M 1	22 38 15	7♎55'47	18♏5	4♌22	0♏3	1♉4	21♌45	4°R 8	4°R11	7°R51	0°R40	25°R36	24♎0	17♏32	17♏2		
T 2	22 42 11	8°53'55	1♌45	5° 1	1°18	1°41	21°56	4♌6	4♌10	7♏50	0♄40	25♎35	23°57	17°39	17° 3		
W 3	22 46 8	9°52'04	14°59	5°35	2°32	2°18	22° 8	4° 4	4° 9	7°48	0°39	25°D34	23°54	17°46	17° 4		
T 4	22 50 5	10°50'14	27°50	6° 5	3°46	2°55	22°19	4° 3	4° 8	7°47	0°38	25°35	23°50	17°53	17° 5		
F 5	22 54 1	11°48'26	10♌22	6°31	5° 1	3°32	22°30	4° 1	4° 6	7°45	0°38	25°37	23°47	17°59	17° 7		
S 6	22 57 58	12°46'39	22°38	6°51	6°15	4° 8	22°41	3°59	4° 5	7°43	0°37	25°R38	23°44	18° 6	17° 8		
S 7	23 1 54	13°44'54	4♌44	7° 7	7°30	4°45	22°53	3°57	4° 4	7°42	0°36	25°37	23°41	18°13	17°10		
M 8	23 5 51	14°43'10	16°42	7°17	8°44	5°21	23° 4	3°54	4° 3	7°40	0°35	25°35	23°38	18°19	17°11		
T 9	23 9 47	15°41'29	28°35	7°R21	9°59	5°57	23°16	3°52	4° 1	7°38	0°35	25°30	23°35	18°26	17°13		
W10	23 13 44	16°39'48	10♏26	7°19	11°13	6°33	23°27	3°50	4° 0	7°37	0°34	25°23	23°31	18°33	17°15		
T 11	23 17 40	17°38'10	22°17	7°10	12°28	7° 9	23°39	3°47	3°58	7°35	0°33	25°15	23°28	18°39	17°17		
F 12	23 21 37	18°36'33	4♏9	6°55	13°42	7°45	23°51	3°45	3°57	7°33	0°32	25° 5	23°25	18°46	17°19		
S 13	23 25 33	19°34'59	16° 5	6°34	14°57	8°20	24° 2	3°42	3°55	7°32	0°32	24°54	23°22	18°53	17°21		
S 14	23 29 30	20°33'26	28° 5	6° 5	16°12	8°56	24°14	3°39	3°54	7°30	0°31	24°44	23°19	18°59	17°23		
M15	23 33 27	21°31'56	10♌12	5°30	17°26	9°31	24°26	3°36	3°52	7°29	0°30	24°36	23°16	19° 6	17°25		
T 16	23 37 23	22°30'27	22°28	4°48	18°41	10° 6	24°38	3°33	3°51	7°27	0°29	24°29	23°12	19°13	17°28		
W17	23 41 20	23°29'01	4♏57	4° 0	19°56	10°41	24°50	3°30	3°49	7°25	0°28	24°25	23° 9	19°20	17°30		
T 18	23 45 16	24°27'37	17°42	3° 6	21°10	11°16	25° 2	3°27	3°47	7°24	0°27	24°24	23° 6	19°26	17°33		
F 19	23 49 13	25°26'15	0♌47	2° 8	22°25	11°51	25°14	3°24	3°45	7°22	0°26	24°D24	23° 3	19°33	17°35		
S 20	23 53 9	26°24'56	14°15	1° 6	23°40	12°25	25°26	3°21	3°44	7°21	0°26	24°24	23° 0	19°40	17°38		
S 21	23 57 6	27°23'39	28° 9	0° 1	24°54	13° 0	25°39	3°17	3°42	7°19	0°25	24°R24	22°56	19°46	17°41		
M22	0 1 2	28°22'24	12♏30	28♏56	26° 9	13°34	25°51	3°14	3°40	7°18	0°24	24°23	22°53	19°53	17°43		
T 23	0 4 59	29°21'11	27°16	27°51	27°24	14° 8	26° 3	3°11	3°38	7°16	0°23	24°20	22°50	20° 0	17°46		
W24	0 8 56	0♌20'00	12♏21	26°48	28°39	14°42	26°15	3° 7	3°36	7°15	0°22	24°13	22°47	20° 6	17°49		
T 25	0 12 52	1°18'52	27°37	25°50	29°54	15°15	26°28	3° 3	3°34	7°13	0°21	24° 5	22°44	20°13	17°52		
F 26	0 16 49	2°17'45	12♌53	24°56	1♌9	15°49	26°40	3° 0	3°32	7°12	0°20	23°55	22°41	20°20	17°56		
S 27	0 20 45	3°16'41	27°58	24°10	2°23	16°22	26°53	2°56	3°30	7°10	0°19	23°45	22°37	20°27	17°59		
S 28	0 24 42	4°15'38	12♏43	23°32	3°38	16°55	27° 5	2°52	3°28	7° 9	0°18	23°35	22°34	20°33	18° 2		
M29	0 28 38	5°14'37	27° 0	23° 3	4°53	17°28	27°18	2°48	3°26	7° 8	0°17	23°28	22°31	20°40	18° 6		
T 30	0 32 35	6♌13'38	10♏48	22♏44	6♌8	18°51	27♌30	2°44	3°24	7♏6	0♄16	23°23	22°28	20♏47	18♏9		

Day	☉	☾	♀	♁	♂	♃	♅	♁	♃	♄	♁	♅	♁	♅	♁	♅								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	8n36	12s38	4n47	4s32	3s 3	12n40	1n17	23n35	0n 7	7s28	1n 6	10n25	2s39	12n26	0s32	9s26	0s52	4s17	17s 2	21n 2	21n19	8s44	17s 4	5n47
T 2	8 14	16 26	4 11	4 55	3 12	12 14	1 18	23 35	0 8	7 32	1 5	10 24	2 39	12 25	0 32	9 26	0 52	4 18	17 3	21 2	3 21	20 8	42 17	5 5 46
W 3	7 53	19 16	3 22	5 17	3 20	11 48	1 19	23 36	0 9	7 37	1 5	10 23	2 39	12 25	0 32	9 27	0 52	4 18	17 3	21 1	3 21	21 8	40 17	5 5 46
T 4	7 30	21 2	2 25	5 36	3 28	11 22	1 20	23 36	0 11	7 41	1 5	10 22	2 40	12 24	0 32	9 27	0 52	4 18	17 3	21 2	2 21	21 8	38 17	6 5 46
F 5	7 8	21 42	1 22	5 53	3 35	10 56	1 20	23 36	0 12	7 45	1 5	10 21	2 40	12 24	0 32	9 28	0 52	4 19	17 4	21 1	2 21	21 8	36 17	6 5 45
S 6	6 46	21 17	0 16	6 7	3 42	10 29	1 21	23 36	0 13	7 50	1 5	10 21	2 40	12 24	0 32	9 29	0 52	4 19	17 4	21 1	2 21	21 8	34 17	7 5 45
S 7	6 24	19 53	0s49	6 19	3 48	10 2	1 22	23 36	0 14	7 54	1 5	10 20	2 40	12 23	0 32	9 29	0 52	4 20	17 4	21 1	2 21	21 8	31 17	7 5 44
M 8	6 1	17 37	1 51	6 28	3 54	9 34	1 23	23 36	0 15	7 58	1 5	10 19	2 41	12 23	0 32	9 30	0 52	4 20	17 4	21 1	3 21	21 8	29 17	8 5 44
T 9	5 39	14 36	2 48	6 34	3 59	9 7	1 23	23 35	0 16	8 3	1 5	10 18	2 41	12 22	0 32	9 31	0 52	4 21	17 5	21 1	3 21	24 8	27 17	9 5 43
W10	5 16	11 0	3 37	6 37	4 3	8 39	1 24	23 35	0 17	8 7	1 4	10 17	2 41	12 22	0 32	9 31	0 52	4 21	17 5	21 1	5 21	24 8	25 17	9 5 43
T 11	4 53	6 59	4 17	6 37	4 6	8 11	1 24	23 34	0 18	8 12	1 4	10 16	2 41	12 21	0 32	9 32	0 52	4 22	17 5	21 1	6 21	25 8	23 17	10 5 43
F 12	4 31	2 42	4 45	6 32	4 7	7 43	1 24	23 33	0 19	8 16	1 4	10 15	2 41	12 21	0 32	9 32	0 52	4 22	17 5	21 1	8 21	26 8	21 17	10 5 42
S 13	4 8	1n42	5 1	6 24	4 8	7 14	1 25	23 32	0 20	8 20	1 4	10 13	2 42	12 20	0 32	9 33	0 52	4 23	17 5	21 10	21 26	8 18	17 11	5 42
S 14	3 45	6 3	5 4	6 11	4 7	6 45	1 25	23 31	0 22	8 25	1 4	10 12	2 42	12 20	0 32	9 34	0 52	4 23	17 6	21 12	21 27	8 16	17 12	5 41
M15	3 22	10 14	4 54	5 55	4 4	6 16	1 25	23 30	0 23	8 29	1 4	10 11	2 42	12 19	0 32	9 34	0 52	4 24	17 6	21 13	21 27	8 14	17 12	5 41
T 16	2 59	14 3	4 30	5 34	4 0	5 47	1 25	23 28	0 24	8 34	1 4	10 10	2 42	12 19	0 32	9 35	0 52	4 24	17 6	21 14	21 28	8 12	17 13	5 41
W17	2 35	17 20	3 52	5 10	3 54	5 18	1 25	23 27	0 25	8 38	1 4	10 9	2 42	12 18	0 32	9 35	0 52	4 25	17 6	21 15	21 28	8 10	17 13	5 40
T 18	2 12	19 51	3 3	4 41	3 45	4 48	1 25	23 25	0 26	8 43	1 3	10 8	2 43	12 17	0 32	9 36	0 52	4 25	17 6	21 15	21 29	8 7	17 14	5 40
F 19	1 49	21 25	2 3	4 8	3 35	4 19	1 25	23 23	0 28	8 47	1 3	10 6	2 43	12 17	0 32	9 36	0 52	4 26	17 7	21 15	21 29	8 5	17 15	5 39
S 20	1 26	21 48	0 54	3 33	3 23	3 49	1 25	23 21	0 29	8 52	1 3	10 5	2 43	12 16	0 32	9 37	0 52	4 26	17 7	21 15	21 30	8 3	17 15	5 39
S 21	1 2	20 52	0n20	2 54	3 10	3 19	1 25	23 19	0 30	8 56	1 3	10 4	2 43	12 16	0 32	9 38	0 52	4 26	17 7	21 15	21 30	8 1	17 16	5 39
M22	0 39	18 35	1 35	2 14	2 54	2 49	1 24	23 17	0 31	9 1	1 3	10 2	2 43	12 15	0 32	9 38	0 52	4 27	17 7	21 15	21 31	7 59	17 16	5 38
T 23	0 15	15 1	2 45	1 33	2 37	2 19	1 24	23 15	0 32	9 5	1 3	10 1	2 43	12 14	0 32	9 39	0 52	4 27	17 7	21 16	21 31	7 56	17 17	5 38
W24	0s 8	10 25	3 46	0 51	2 19	1 49	1 24	23 12	0 34	9 10	1 3	10 0	2 44	12 14	0 32	9 39	0 52	4 28	17 8	21 17	21 32	7 54	17 18	5 38
T 25	0 31	5 6	4 31	0 10	1 59	1 19	1 23	23 10	0 35	9 15	1 3	9 58	2 44	12 13	0 32	9 40	0 52	4 28	17 8	21 19	21 32	7 52	17 18	5 37
F 26	0 55	0s32	4 57	0n29	1 39	0 48	1 23	23 7	0 36	9 19	1 3	9 57	2 44	12 12	0 32	9 40	0 52	4 29	17 8	21 20	21 33	7 50	17 19	5 37
S 27	1 18	6 4	5 2	1 6	1 19	0 18	1 22	23 4	0 37	9 24	1 3	9 56	2 44	12 12	0 32	9 41	0 52	4 29	17 8	21 22	21 33	7 48	17 20	5 36
S 28	1 42	11 7	4 46	1 40	0 59	0s12	1 21	23 1	0 39	9 28	1 2	9 54	2 44	12 11	0 32	9 41	0 52	4 30	17 8	21 24	21 34	7 45	17 20	5 36
M29	2 5	15 24	4 13	2 10	0 39	0 43	1 21	22 59	0 40	9 33	1 2	9 53	2 44	12 10	0 32	9 42	0 52	4 30	17 8	21 25	21 35	7 43	17 21	5 36
T 30	2s28	18s42	3n25	2n35	0s20	1s13	1n20	22n56	0n4															

SWISS EPHEMERIS for the year 1851

OCTOBER 1851

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Day	Sid.t	☉	☾	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐
W 1	0 36 31	7 ^h 24 ^m 12 ^s	24 ^h 7 ^m 24 ^s	22°D35	7 ^h 23 ^m	18 ^h 34 ^m	27 ^h 43 ^m	2°R40	3°R22	7°R 5	0°R15	23°R21	22 ^h 25 ^m	20 ^h 53 ^m	18 ^h 13 ^m		
T 2	0 40 28	8° 11' 45"	6 ^h 35 ^m 59 ^s	22 ^h 37 ^m	8° 38'	19° 6'	27° 56'	2 ^h 36'	3 ^h 20'	7 ^h 3'	0 ^h 14'	23°D20	22° 22'	21° 0'	18° 16'		
F 3	0 44 25	9° 10' 52"	9° 10' 52"	22° 49'	9° 53'	19° 38'	28° 8'	2° 32'	3° 18'	7° 2'	0° 13'	23°R20	22° 18'	21° 7'	18° 20'		
S 4	0 48 21	10° 10' 00"	1 ^h 34 ^m 41 ^s	23° 11'	11° 8'	20° 10'	28° 21'	2° 27'	3° 15'	7° 1'	0° 12'	23 ^h 20 ^m	22° 15'	21° 13'	18° 24'		
S 5	0 52 18	11° 9' 10"	13° 42'	23° 43'	12° 23'	20° 42'	28° 34'	2° 23'	3° 13'	6° 59'	0° 11'	23° 19'	22° 12'	21° 20'	18° 28'		
M 6	0 56 14	12° 8' 21"	25° 35'	24° 24'	13° 38'	21° 14'	28° 47'	2° 19'	3° 11'	6° 58'	0° 10'	23° 15'	22° 9'	21° 27'	18° 31'		
T 7	1 0 11	13° 7' 35"	7 ^h 25 ^m 13 ^s	25° 13'	14° 53'	21° 45'	28° 59'	2° 14'	3° 9'	6° 57'	0° 8'	23° 8'	22° 6'	21° 34'	18° 35'		
W 8	1 4 7	14° 6' 50"	19° 15'	26° 11'	16° 8'	22° 16'	29° 12'	2° 10'	3° 6'	6° 56'	0° 7'	22° 58'	22° 2'	21° 40'	18° 40'		
T 9	1 8 4	15° 6' 07"	1 ^h 17 ^m 8 ^s	27° 15'	17° 23'	22° 47'	29° 25'	2° 5'	3° 4'	6° 54'	0° 6'	22° 46'	21° 59'	21° 47'	18° 44'		
F 10	1 12 0	16° 5' 27"	13° 5'	28° 26'	18° 38'	23° 18'	29° 38'	2° 1'	3° 2'	6° 53'	0° 5'	22° 32'	21° 56'	21° 54'	18° 48'		
S 11	1 15 57	17° 4' 48"	25° 8'	29° 42'	19° 53'	23° 49'	29° 51'	1° 56'	2° 59'	6° 52'	0° 4'	22° 18'	21° 53'	22° 0'	18° 52'		
S 12	1 19 53	18° 4' 11"	7 ^h 17 ^m	1 ^h 3 ^m	21° 8'	24° 19'	0 ^h 4 ^m	1° 52'	2° 57'	6° 51'	0° 3'	22° 4'	21° 50'	22° 7'	18° 57'		
M13	1 23 50	19° 3' 37"	19° 34'	2° 28'	22° 23'	24° 49'	0° 17'	1° 47'	2° 55'	6° 50'	0° 2'	21° 52'	21° 47'	22° 14'	19° 1'		
T 14	1 27 47	20° 3' 05"	2 ^h 11 ^m 0 ^s	3° 56'	23° 38'	25° 19'	0° 30'	1° 43'	2° 52'	6° 49'	0° 1'	21° 43'	21° 43'	22° 21'	19° 5'		
W15	1 31 43	21° 2' 35"	14° 37'	5° 28'	24° 53'	25° 49'	0° 43'	1° 38'	2° 50'	6° 48'	29 ^h 59 ^m	21° 36'	21° 40'	22° 27'	19° 10'		
T 16	1 35 40	22° 2' 07"	27° 26'	7° 2'	26° 8'	26° 18'	0° 56'	1° 33'	2° 48'	6° 47'	29° 59'	21° 33'	21° 37'	22° 34'	19° 15'		
F 17	1 39 36	23° 1' 42"	10 ^h 53 ^m	8° 38'	27° 23'	26° 47'	1° 9'	1° 28'	2° 45'	6° 46'	29° 57'	21° 31'	21° 34'	22° 41'	19° 19'		
S 18	1 43 33	24° 1' 19"	23° 54'	10° 15'	28° 38'	27° 16'	1° 22'	1° 24'	2° 43'	6° 45'	29° 56'	21° 31'	21° 31'	22° 47'	19° 24'		
S 19	1 47 29	25° 0' 58"	7 ^h 23 ^m 39 ^s	11° 54'	29° 53'	27° 45'	1° 35'	1° 19'	2° 40'	6° 44'	29° 55'	21° 31'	21° 27'	22° 54'	19° 29'		
M20	1 51 26	26° 0' 39"	21° 45'	13° 33'	1 ^h 8 ^m	28° 13'	1° 48'	1° 14'	2° 38'	6° 43'	29° 54'	21° 29'	21° 24'	23° 1'	19° 34'		
T 21	1 55 22	27° 0' 23"	6 ^h 17 ^m 14 ^s	15° 14'	2° 23'	28° 41'	2° 1'	1° 9'	2° 35'	6° 42'	29° 53'	21° 25'	21° 21'	23° 7'	19° 39'		
W22	1 59 19	28° 0' 09"	21° 2'	16° 55'	3° 38'	29° 9'	2° 14'	1° 5'	2° 33'	6° 41'	29° 52'	21° 18'	21° 18'	23° 14'	19° 44'		
T 23	2 3 16	28° 59' 57"	6 ^h 3 ^m	18° 36'	4° 53'	29° 37'	2° 27'	1° 0'	2° 31'	6° 40'	29° 51'	21° 9'	21° 15'	23° 21'	19° 49'		
F 24	2 7 12	29° 59' 48"	21° 8'	20° 17'	6° 8'	0 ^h 4 ^m	2° 40'	0° 55'	2° 28'	6° 39'	29° 49'	20° 58'	21° 12'	23° 28'	19° 54'		
S 25	2 11 9	0 ^h 59 ^m 40 ^s	6 ^h 7 ^m	21° 58'	7° 23'	0° 31'	2° 53'	0° 50'	2° 26'	6° 38'	29° 48'	20° 46'	21° 8'	23° 34'	19° 59'		
S 26	2 15 5	1° 59' 34"	20° 50'	23° 39'	8° 39'	0° 57'	3° 7'	0° 45'	2° 23'	6° 38'	29° 47'	20° 36'	21° 5'	23° 41'	20° 4'		
M27	2 19 2	2° 59' 30"	5 ^h 10 ^m 10 ^s	25° 20'	9° 54'	1° 24'	3° 20'	0° 40'	2° 21'	6° 37'	29° 46'	20° 27'	21° 2'	23° 48'	20° 9'		
T 28	2 22 58	3° 59' 28"	19° 3'	27° 1'	11° 9'	1° 50'	3° 33'	0° 36'	2° 18'	6° 36'	29° 45'	20° 21'	20° 59'	23° 54'	20° 15'		
W29	2 26 55	4° 59' 28"	2 ^h 32 ^m 6 ^s	28° 41'	12° 24'	2° 16'	3° 46'	0° 31'	2° 16'	6° 35'	29° 44'	20° 17'	20° 56'	24° 1'	20° 20'		
T 30	2 30 51	5° 59' 29"	15° 23'	0 ^h 21 ^m 21 ^s	13° 39'	2° 41'	3° 59'	0° 26'	2° 13'	6° 35'	29° 43'	20° D16	20° 53'	24° 8'	20° 25'		
F 31	2 34 48	6 ^h 59 ^m 32 ^s	27 ^h 35 ^m 6 ^s	2 ^h 1 ^m	14 ^h 54 ^m	3 ^h 6 ^m	4 ^h 12 ^m	0 ^h 21 ^m	2 ^h 8 ^m 11 ^s	6 ^h 34 ^m	29 ^h 42 ^m	20 ^h 16 ^m	20 ^h 49 ^m	24 ^h 15 ^m	20 ^h 31 ^m		

Day	☉	☾	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓					
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	lat		
W 1	2s52	20s51	2n29	2n56	0s 1	1s43	1n19	22n52	0n43	9s42	1n 2	9n50	2s45	12n 9	0s32	9s43	0s52	4s31	17s 9	21n26	21n36	7s39	17s22	5n35
T 2	3 15	21 51	1 26	3 11	0n16	2 14	1 18	22 49	0 44	9 47	1 2	9 48	2 45	12 8	0 32	9 44	0 52	4 32	17 9	21 26	21 36	7 37	17 23	5 35
F 3	3 38	21 42	0 21	3 21	0 32	2 44	1 17	22 46	0 45	9 51	1 2	9 47	2 45	12 7	0 32	9 44	0 52	4 32	17 9	21 26	21 37	7 34	17 24	5 34
S 4	4 2	20 31	0s44	3 26	0 47	3 15	1 16	22 43	0 47	9 56	1 2	9 45	2 45	12 6	0 32	9 44	0 52	4 33	17 9	21 26	21 37	7 32	17 24	5 34
S 5	4 25	18 25	1 46	3 25	1 0	3 45	1 15	22 39	0 48	10 1	1 2	9 44	2 45	12 6	0 32	9 45	0 52	4 33	17 9	21 27	21 38	7 30	17 25	5 34
M 6	4 48	15 32	2 42	3 20	1 12	4 15	1 14	22 36	0 49	10 5	1 2	9 42	2 45	12 5	0 32	9 45	0 52	4 33	17 9	21 27	21 38	7 28	17 26	5 33
T 7	5 11	12 3	3 31	3 10	1 23	4 45	1 12	22 32	0 51	10 10	1 2	9 40	2 45	12 4	0 32	9 46	0 52	4 34	17 9	21 28	21 39	7 25	17 26	5 33
W 8	5 34	8 5	4 10	2 56	1 32	5 15	1 11	22 28	0 52	10 14	1 2	9 39	2 45	12 3	0 32	9 46	0 52	4 34	17 9	21 30	21 39	7 23	17 27	5 33
T 9	5 57	3 49	4 39	2 37	1 40	5 45	1 10	22 25	0 53	10 19	1 2	9 37	2 45	12 3	0 32	9 47	0 52	4 35	17 9	21 32	21 40	7 21	17 28	5 32
F 10	6 20	0n38	4 56	2 15	1 46	6 15	1 9	22 21	0 55	10 24	1 1	9 36	2 45	12 2	0 32	9 47	0 52	4 35	17 10	21 34	21 40	7 19	17 28	5 32
S 11	6 43	5 5	4 59	1 49	1 51	6 45	1 7	22 17	0 56	10 28	1 1	9 34	2 46	12 1	0 32	9 48	0 52	4 36	17 10	21 37	21 41	7 16	17 29	5 32
S 12	7 6	9 24	4 49	1 21	1 55	7 14	1 6	22 13	0 58	10 33	1 1	9 32	2 46	12 0	0 32	9 48	0 52	4 36	17 10	21 39	21 41	7 14	17 30	5 31
M13	7 28	13 22	4 26	0 49	1 58	7 43	1 4	22 9	0 59	10 37	1 1	9 31	2 46	11 59	0 32	9 48	0 51	4 36	17 10	21 41	21 42	7 12	17 30	5 31
T 14	7 51	16 50	3 50	0 16	2 0	8 13	1 3	22 5	1 1	10 42	1 1	9 29	2 46	11 59	0 32	9 49	0 51	4 37	17 10	21 42	21 42	7 10	17 31	5 31
W15	8 13	19 34	3 2	0s20	2 0	8 42	1 1	22 1	1 2	10 47	1 1	9 27	2 46	11 58	0 32	9 49	0 51	4 37	17 10	21 43	21 43	7 7	17 32	5 30
T 16	8 35	21 22	2 4	0 57	2 0	9 11	0 59	21 57	1 4	10 51	1 1	9 26	2 46	11 57	0 32	9 50	0 51	4 38	17 10	21 44	21 43	7 5	17 32	5 30
F 17	8 58	22 5	0 58	1 36	1 59	9 39	0 57	21 53	1 5	10 56	1 1	9 24	2 46	11 56	0 32	9 50	0 51	4 38	17 10	21 44	21 44	7 3	17 33	5 30
S 18	9 20	21 33	0n13	2 15	1 58	10 8	0 56	21 49	1 7	11 0	1 1	9 22	2 46	11 55	0 32	9 50	0 51	4 39	17 10	21 44	21 44	7 1	17 34	5 30
S 19	9 41	19 44	1 24	2 56	1 55	10 36	0 54	21 45	1 8	11 5	1 1	9 21	2 46	11 54	0 32	9 51	0 51	4 39	17 10	21 44	21 45	6 58	17 34	5 29
M20	10 3	16 40	2 32	3 37	1 53	11 4	0 52	21 40	1 10	11 9	1 1	9 19	2 46	11 54	0 32	9 51	0 51	4 39	17 10	21 44	21 45	6 56	17 35	5 29
T 21	10 25	12 31	3 33	4 19	1 49	11 31	0 50	21 36	1 11	11 14	1 1	9 18	2 46	11 53	0 32	9 51	0 51	4 40	17 10	21 45	21 46	6 54	17 35	5 29
W22	10 46	7 32	4 20	5 2	1 45	11 59	0 48	21 32	1 13	11 18	1 1	9 16	2 46	11 52	0 32	9 52	0 51	4 40	17 10	21 46	21 46	6 51	17 36	5 28
T 23	11 8	2 2	4 50	5 44	1 41	12 26	0 46	21 28	1 15	11 23	1 1	9 14	2 46	11 51	0 32	9 52	0 51	4 40	17 10	21 48	21 47	6 49	17 37	5 28
F 24	11 29	3s36	5 0	6 26	1 36	12 53	0 44	21 24	1 16	11 28	1 1	9 13	2 46	11 50	0 32	9 52	0 51	4 41	17 10					

SWISS EPHEMERIS for the year 1851

NOVEMBER 1851

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁
S 1	2 38 45	7 ^m 59 ^s 37	10 ^m 11 ^s	3 ^m 40 ^s	16 ^m 9 ^s	3 ^m 31 ^s	4 ^m 25 ^s	0°R16	2°R 8	6°R34	29°R40	20°R16	20°D46	24°H21	20°A36
S 2	2 42 41	8°59'43	22°12	5°19	17°24	3°55	4°39	0 ^h 12	2 ^h 6	6 ^h 33	29 ^h 39	20°D16	20°43	24°28	20°42
M 3	2 46 38	9°59'50	4 ^h 5	6°57	18°40	4°19	4°52	0° 7	2° 3	6°32	29°38	20°13	20°40	24°35	20°48
T 4	2 50 34	11° 0'00	15°55	8°35	19°55	4°43	5° 5	0° 2	2° 1	6°32	29°37	20° 7	20°37	24°41	20°53
W 5	2 54 31	12° 0'10	27°46	10°13	21°10	5° 6	5°18	29 ^h 58	1°59	6°32	29°36	19°59	20°33	24°48	20°59
T 6	2 58 27	13° 0'23	9 ^h 42	11°51	22°25	5°29	5°31	29°53	1°56	6°31	29°35	19°49	20°30	24°55	21° 5
F 7	3 2 24	14° 0'36	21°45	13°27	23°40	5°52	5°44	29°48	1°54	6°31	29°34	19°37	20°27	25° 1	21°11
S 8	3 6 20	15° 0'52	3 ^h 57	15° 4	24°55	6°14	5°57	29°44	1°51	6°30	29°33	19°25	20°24	25° 8	21°16
S 9	3 10 17	16° 1'09	16°19	16°40	26°10	6°36	6°10	29°39	1°49	6°30	29°32	19°12	20°21	25°15	21°22
M10	3 14 14	17° 1'29	28°52	18°16	27°26	6°57	6°23	29°35	1°47	6°30	29°31	19° 2	20°18	25°22	21°28
T 11	3 18 10	18° 1'49	11 ^h 35	19°52	28°41	7°18	6°36	29°30	1°44	6°29	29°29	18°54	20°14	25°28	21°34
W12	3 22 7	19° 2'12	24°28	21°27	29°56	7°39	6°49	29°26	1°42	6°29	29°28	18°48	20°11	25°35	21°40
T 13	3 26 3	20° 2'37	7 ^h 33	23° 2	1 ^h 11	7°59	7° 2	29°22	1°40	6°29	29°27	18°46	20° 8	25°42	21°46
F 14	3 30 0	21° 3'03	20°49	24°37	2°26	8°19	7°15	29°17	1°37	6°29	29°26	18°D45	20° 5	25°48	21°52
S 15	3 33 56	22° 3'31	4 ^h 18	26°11	3°41	8°38	7°28	29°13	1°35	6°29	29°25	18°46	20° 2	25°55	21°58
S 16	3 37 53	23° 4'01	18° 2	27°45	4°56	8°57	7°41	29° 9	1°33	6°29	29°24	18°R47	19°59	26° 2	22° 5
M17	3 41 49	24° 4'33	2 ^h 1	29°19	6°12	9°15	7°54	29° 5	1°31	6°29	29°23	18°46	19°55	26° 9	22°11
T 18	3 45 46	25° 5'07	16°14	0 ^h 53	7°27	9°33	8° 7	29° 1	1°28	6°D28	29°22	18°44	19°52	26°15	22°17
W19	3 49 43	26° 5'42	0 ^h 41	2°26	8°42	9°51	8°20	28°57	1°26	6°28	29°21	18°40	19°49	26°22	22°23
T 20	3 53 39	27° 6'20	15°17	3°59	9°57	10° 8	8°32	28°53	1°24	6°29	29°20	18°34	19°46	26°29	22°30
F 21	3 57 36	28° 6'59	29°56	5°32	11°12	10°24	8°45	28°49	1°22	6°29	29°19	18°26	19°43	26°35	22°36
S 22	4 1 32	29° 7'39	14 ^m 33	7° 5	12°27	10°40	8°58	28°45	1°20	6°29	29°18	18°18	19°39	26°42	22°42
S 23	4 5 29	0 ^h 8'21	28°58	8°38	13°42	10°55	9°11	28°41	1°18	6°29	29°17	18°10	19°36	26°49	22°48
M24	4 9 25	1° 9'05	13 ^h 7	10°11	14°58	11°10	9°23	28°37	1°16	6°29	29°16	18° 3	19°33	26°56	22°55
T 25	4 13 22	2° 9'50	26°53	11°43	16°13	11°24	9°36	28°34	1°14	6°29	29°15	17°59	19°30	27° 2	23° 1
W26	4 17 18	3°10'36	10 ^h 35	13°16	17°28	11°38	9°49	28°30	1°12	6°29	29°14	17°57	19°27	27° 9	23° 8
T 27	4 21 15	4°11'23	23°14	14°48	18°43	11°51	10° 1	28°27	1°10	6°30	29°14	17°D57	19°24	27°16	23°14
F 28	4 25 12	5°12'11	5 ^h 50	16°20	19°58	12° 4	10°14	28°24	1° 8	6°30	29°13	17°58	19°20	27°22	23°21
S 29	4 29 8	6°13'00	18° 8	17°52	21°13	12°16	10°26	28°20	1° 6	6°30	29°12	18° 0	19°17	27°29	23°27
S 30	4 33 5	7 ^h 13'50	0 ^h 12	19 ^h 23	22 ^h 29	12 ^m 27	10 ^m 39	28 ^h 17	1 ^h 4	6 ^h 31	29 ^h 11	18°D 1	19°D14	27 ^h 36	23 ^h 34

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s11	19s22	1s44	11s58	0n50	16s15	0n27	20n50	1n30	12s 3	1n 0	9n 0	2s46	1n44	0s32
S 2	14 30	16 39	2 41	12 37	0 43	16 39	0 25	20 46	1 31	12 8	1 0	8 58	2 45	11 43	0 32
M 3	14 49	13 17	3 30	13 16	0 37	17 2	0 22	20 42	1 33	12 12	1 0	8 56	2 45	11 42	0 32
T 4	15 8	9 24	4 11	13 54	0 30	17 25	0 20	20 38	1 35	12 17	1 0	8 55	2 45	11 41	0 32
W 5	15 27	5 10	4 40	14 31	0 23	17 47	0 18	20 34	1 37	12 21	1 0	8 53	2 45	11 40	0 32
T 6	15 45	0 43	4 58	15 8	0 17	18 9	0 15	20 31	1 39	12 25	1 0	8 52	2 45	11 39	0 32
F 7	16 3	3n49	5 2	15 44	0 10	18 30	0 13	20 27	1 41	12 30	1 0	8 50	2 45	11 39	0 32
S 8	16 21	8 15	4 53	16 19	0 3	18 51	0 10	20 23	1 42	12 34	1 0	8 49	2 45	11 38	0 32
S 9	16 39	12 25	4 30	16 53	0s 4	19 11	0 8	20 19	1 44	12 38	1 0	8 47	2 45	11 37	0 32
M10	16 56	16 8	3 53	17 27	0 6	20 19	0 6	20 16	1 46	12 43	1 0	8 46	2 45	11 36	0 32
T 11	17 13	19 8	3 5	17 59	0 17	19 50	0 3	20 12	1 48	12 47	1 0	8 44	2 45	11 35	0 32
W12	17 30	21 15	2 6	18 31	0 24	20 8	0 1	20 9	1 50	12 51	1 0	8 43	2 44	11 35	0 32
T 13	17 46	22 15	1 0	19 2	0 30	20 26	0s 2	20 5	1 52	12 55	1 0	8 41	2 44	11 34	0 32
F 14	18 2 22	2 0n11	19 32	0 37	20 44	0 4	20 2	1 54	13 0	1 0	8 40	2 44	11 33	0 32	
S 15	18 18	20 32	1 22	20 0	0 43	21 1	0 7	19 59	1 56	13 4	1 0	8 39	2 44	11 32	0 32
S 16	18 33	17 49	2 30	20 28	0 49	21 17	0 9	19 56	1 58	13 8	1 0	8 37	2 44	11 32	0 32
M17	18 48	14 2	3 30	20 55	0 55	21 33	0 12	19 53	2 0	13 12	1 0	8 36	2 44	11 31	0 32
T 18	19 3	9 24	4 19	21 21	1 1	21 48	0 14	19 50	2 2	13 16	1 0	8 35	2 44	11 30	0 32
W19	19 18	4 11	4 52	21 46	1 7	22 2	0 16	19 48	2 5	13 20	1 0	8 34	2 43	11 29	0 32
T 20	19 32	1s19	5 6	22 10	1 13	22 16	0 19	19 45	2 7	13 25	1 0	8 32	2 43	11 29	0 32
F 21	19 45	6 46	5 0	22 32	1 19	22 29	0 21	19 43	2 9	13 29	1 0	8 31	2 43	11 28	0 32
S 22	19 59	11 50	4 35	22 54	1 24	22 42	0 24	19 41	2 11	13 33	1 0	8 30	2 43	11 27	0 32
S 23	20 12	16 9	3 53	23 14	1 30	22 54	0 26	19 38	2 13	13 37	1 0	8 29	2 43	11 26	0 32
M24	20 24	19 28	2 57	23 33	1 35	23 5	0 29	19 36	2 16	13 41	1 0	8 28	2 43	11 26	0 32
T 25	20 37	21 34	1 51	23 51	1 40	23 15	0 31	19 35	2 18	13 45	1 0	8 27	2 42	11 25	0 32
W26	20 48	22 22	0 42	24 8	1 44	23 25	0 33	19 33	2 20	13 49	1 0	8 26	2 42	11 24	0 31
T 27	21 0	21 56	0s29	24 23	1 49	23 34	0 36	19 32	2 22	13 53	1 0	8 24	2 42	11 24	0 31
F 28	21 11	20 22	1 35	24 38	1 53	23 43	0 38	19 30	2 25	13 56	1 0	8 24	2 42	11 23	0 31
S 29	21 22	17 53	2 36	24 51	1 57	23 50	0 40	19 29	2 27	14 0	1 0	8 23	2 41	11 22	0 31
S 30	21s32	14s40	3s29	25s 2	2s 1	23s57	0s43	19n28	2n29	14s 4	1n 0	8n22	2s41	11n22	0s31

Julian Day Number = 2397427.5, Delta T = 7.09 sec
Ecliptic obliquity = 23°27'28", Nutation = - 0°00'17"
Ayanamsha: Fagan/Bradley = 22°40'17", Lahiri = 21°47'17"

SWISS EPHEMERIS for the year 1851

DECEMBER 1851

00:00 UT

Day	Sid.t	☉	☾	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉
M 1	4 37 1	8♈14'41	12♋7	20♌55	23♌44	12♎38	10♏51	28°R14	1°R 2	6♃31	29°R10	18°R 1	19♉11	27♋43	23♌40
T 2	4 40 58	9°15'32	23°58	22°26	24°59	12°48	11° 3	28°Y11	18° 0	6°32	29°Y 9	18° 0	19° 8	27°49	23°47
W 3	4 44 54	10°16'25	5°Y51	23°57	26°14	12°57	11°16	28° 8	0°59	6°32	29° 8	17°57	19° 5	27°56	23°53
T 4	4 48 51	11°17'18	17°49	25°28	27°29	13° 6	11°28	28° 5	0°57	6°33	29° 8	17°52	19° 1	28° 3	24° 0
F 5	4 52 47	12°18'13	29°56	26°59	28°44	13°14	11°40	28° 2	0°55	6°33	29° 7	17°46	18°58	28° 9	24° 6
S 6	4 56 44	13°19'08	12♉16	28°29	29°59	13°21	11°52	28° 0	0°54	6°34	29° 6	17°40	18°55	28°16	24°13
S 7	5 0 41	14°20'04	24°49	29°58	1♃14	13°28	12° 5	27°57	0°52	6°34	29° 5	17°33	18°52	28°23	24°20
M 8	5 4 37	15°21'00	7♈37	1♃27	2°29	13°34	12°17	27°55	0°50	6°35	29° 5	17°28	18°49	28°30	24°26
T 9	5 8 34	16°21'58	20°40	2°56	3°45	13°40	12°29	27°52	0°49	6°36	29° 4	17°24	18°45	28°36	24°33
W10	5 12 30	17°22'57	3♉57	4°23	5° 0	13°44	12°41	27°50	0°47	6°37	29° 3	17°22	18°42	28°43	24°40
T 11	5 16 27	18°23'56	17°26	5°50	6°15	13°48	12°52	27°48	0°46	6°37	29° 2	17°D21	18°39	28°50	24°46
F 12	5 20 23	19°24'57	1♌6	7°16	7°30	13°51	13° 4	27°46	0°45	6°38	29° 2	17°22	18°36	28°56	24°53
S 13	5 24 20	20°25'58	14°55	8°41	8°45	13°54	13°16	27°44	0°43	6°39	29° 1	17°23	18°33	29° 3	25° 0
S 14	5 28 17	21°27'01	28°52	10° 4	10° 0	13°56	13°28	27°42	0°42	6°40	29° 0	17°25	18°30	29°10	25° 6
M15	5 32 13	22°28'04	12♐56	11°25	11°15	13°56	13°39	27°40	0°41	6°41	29° 0	17°26	18°26	29°17	25°13
T 16	5 36 10	23°29'08	27° 5	12°44	12°30	13°R56	13°51	27°38	0°39	6°42	28°59	17°R26	18°23	29°23	25°20
W17	5 40 6	24°30'13	11♑17	14° 1	13°45	13°56	14° 2	27°37	0°38	6°43	28°59	17°25	18°20	29°30	25°26
T 18	5 44 3	25°31'19	25°31	15°15	15° 0	13°54	14°14	27°35	0°37	6°43	28°58	17°23	18°17	29°37	25°33
F 19	5 47 59	26°32'26	9♏43	16°26	16°15	13°52	14°25	27°34	0°36	6°45	28°57	17°20	18°14	29°43	25°40
S 20	5 51 56	27°33'34	23°49	17°33	17°30	13°49	14°36	27°33	0°35	6°46	28°57	17°18	18°11	29°50	25°46
S 21	5 55 52	28°34'42	7♎46	18°35	18°45	13°45	14°48	27°32	0°34	6°47	28°56	17°15	18° 7	29°57	25°53
M22	5 59 49	29°35'51	21°29	19°33	20° 0	13°40	14°59	27°31	0°33	6°48	28°56	17°13	18° 4	0°Y 4	26° 0
T 23	6 3 46	0♃37'01	4♃57	20°24	21°15	13°34	15°10	27°30	0°32	6°49	28°56	17°11	18° 1	0°10	26° 6
W24	6 7 42	1°38'11	18° 7	21° 9	22°30	13°28	15°21	27°29	0°31	6°50	28°55	17°D11	17°58	0°17	26°13
T 25	6 11 39	2°39'21	0♄59	21°47	23°45	13°21	15°32	27°28	0°31	6°51	28°55	17°11	17°55	0°24	26°20
F 26	6 15 35	3°40'31	13°33	22°16	25° 0	13°12	15°42	27°28	0°30	6°53	28°54	17°12	17°51	0°30	26°26
S 27	6 19 32	4°41'41	25°51	22°35	26°15	13° 3	15°53	27°27	0°29	6°54	28°54	17°14	17°48	0°37	26°33
S 28	6 23 28	5°42'51	7♋57	22°R45	27°30	12°54	16° 4	27°27	0°28	6°55	28°53	17°15	17°45	0°44	26°39
M29	6 27 25	6°44'01	19°53	22°43	28°45	12°43	16°14	27°27	0°28	6°56	28°53	17°16	17°42	0°51	26°46
T 30	6 31 21	7°45'11	1°Y46	22°30	29°59	12°32	16°25	27°26	0°27	6°58	28°53	17°16	17°39	0°57	26°53
W31	6 35 18	8♌46'21	13°Y39	22♃ 5	1♄15	12♏19	16♏35	27°D26	0♄27	6♃59	28°Y53	17°R16	17♉36	1°Y 4	26♌59

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
M 1	21s42	10s54	4s12	25s13	2s 4	24s 3	0s45	19n27	2n32	14s 8	1n 0	8n21	2s41	11n21	0s31	9s55	0s51	4s49	17s 5	22n15	22n 5	5s18	17s56	5n23		
T 2	21 51	6 44	4 44	25 22	2 7	24 9	0 47	19 27	2 34	14 12	1 1	8 20	2 41	11 21	0 31	9 54	0 51	4 49	17 5	22 15	22 6	5 16	17 56	5 23		
W 3	22 0	2 20	5 4	25 29	2 10	24 14	0 49	19 26	2 37	14 16	1 1	8 19	2 41	11 20	0 31	9 54	0 51	4 49	17 4	22 15	22 6	5 14	17 56	5 23		
T 4	22 9	2n12	5 11	25 35	2 13	24 21	0 52	19 26	2 39	14 19	1 1	8 18	2 40	11 19	0 31	9 54	0 51	4 49	17 4	22 16	22 6	5 11	17 57	5 23		
F 5	22 17	6 43	5 4	25 40	2 15	24 28	0 54	19 26	2 41	14 23	1 1	8 17	2 40	11 19	0 31	9 54	0 51	4 49	17 4	22 17	22 7	5 9	17 57	5 23		
S 6	22 25	11 2	4 43	25 43	2 16	24 23	0 56	19 26	2 44	14 27	1 1	8 17	2 40	11 18	0 31	9 54	0 51	4 49	17 4	22 17	22 7	5 6	17 57	5 23		
S 7	22 32	14 59	4 8	25 45	2 18	24 25	0 58	19 27	2 46	14 30	1 1	8 16	2 40	11 18	0 31	9 53	0 51	4 49	17 3	22 18	22 8	5 4	17 58	5 23		
M 8	22 39	18 18	3 20	25 46	2 19	24 26	1 0	19 27	2 49	14 34	1 1	8 15	2 39	11 17	0 31	9 53	0 51	4 49	17 3	22 19	22 8	5 2	17 58	5 23		
T 9	22 46	20 47	2 21	25 44	2 19	24 26	1 2	19 28	2 51	14 38	1 1	8 15	2 39	11 17	0 31	9 53	0 51	4 49	17 3	22 19	22 9	4 59	17 58	5 23		
W10	22 52	22 11	1 13	25 42	2 19	24 26	1 4	19 29	2 54	14 41	1 1	8 14	2 39	11 16	0 31	9 52	0 51	4 49	17 3	22 20	22 9	4 57	17 58	5 23		
T 11	22 57	22 20	0n 0	25 38	2 18	24 25	1 6	19 31	2 57	14 45	1 1	8 14	2 39	11 16	0 31	9 52	0 50	4 49	17 2	22 20	22 9	4 54	17 58	5 23		
F 12	23 2	21 9	1 15	25 32	2 17	24 23	1 8	19 32	2 59	14 48	1 1	8 13	2 38	11 15	0 31	9 52	0 50	4 49	17 2	22 20	22 10	4 52	17 59	5 23		
S 13	23 7	18 41	2 26	25 25	2 15	24 20	1 10	19 34	3 2	14 52	1 1	8 13	2 38	11 15	0 31	9 52	0 50	4 49	17 2	22 20	22 10	4 50	17 59	5 23		
S 14	23 11	15 8	3 28	25 17	2 13	24 16	1 12	19 36	3 4	14 55	1 1	8 12	2 38	11 14	0 31	9 51	0 50	4 49	17 1	22 19	22 11	4 47	17 59	5 23		
M15	23 15	10 42	4 19	25 7	2 9	24 12	1 13	19 38	3 7	14 59	1 1	8 12	2 38	11 14	0 31	9 51	0 50	4 49	17 1	22 19	22 11	4 45	17 59	5 23		
T 16	23 18	5 40	4 55	24 56	2 5	24 7	1 15	19 41	3 10	15 2	1 1	8 12	2 37	11 14	0 31	9 51	0 50	4 49	17 1	22 19	22 12	4 42	17 59	5 24		
W17	23 21	0 20	5 13	24 43	2 1	24 1	1 17	19 43	3 12	15 5	1 1	8 11	2 37	11 13	0 31	9 50	0 50	4 49	17 1	22 19	22 12	4 40	17 59	5 24		
T 18	23 23	5s 2	5 11	24 29	1 55	23 55	1 18	19 46	3 15	15 9	1 1	8 11	2 37	11 13	0 31	9 50	0 50	4 49	17 0	22 20	22 13	4 38	17 59	5 24		
F 19	23 25	10 8	4 51	24 14	1 49	23 47	1 20	19 50	3 17	15 12	1 1	8 11	2 36	11 13	0 31	9 49	0 50	4 49	17 0	22 20	22 13	4 35	18 0	5 24		
S 20	23 26	14 39	4 13	23 58	1 41	23 39	1 21	19 53	3 20	15 15	1 1	8 11	2 36	11 12	0 31	9 49	0 50	4 49	17 0	22 20	22 13	4 33	18 0	5 24		
S 21	23 27	18 19	3 21	23 42	1 32	23 31	1 23	19 57	3 23	15 18	1 1	8 11	2 36	11 12	0 31	9 49	0 50	4 48	16 59	22 21	22 14	4 30	18 0	5 24		
M22	23 27	20 54	2 17	23 24	1 23	23 21	1 24	20 1	3 25	15 22	1 2	8 10	2 36	11 12	0 31	9 48	0 50	4 48	16 59	22 21	22 14	4 28	18 0	5 24		
T 23	23 27	22 15	1 7	23 6	1 12	23 11	1 26	20 5	3 28	15 25	1 2	8 10	2 35	11 11	0 31	9 48	0 50	4 48	16 59	22 21	22 15	4 26	18 0	5 24		
W24	23 27	22 19	0s 5	22 47	1 0	23 0	1 27	20 9	3 31	15 28	1 2	8 10	2 35	11 11	0 31	9 47	0 50	4 48	16 58	22 21	22 15	4 23	18 0	5 24		
T 25	23 26	21 11	1 16	22 28	0 47	22 49	1 28	20 14	3 33	15 31	1 2	8 10	2 35	11 11	0 31	9 47	0 50	4 48	16 58	22 21	22 15	4 21	18 0	5 25		
F 26	23 24	19 1	2 21	22 9	0 33	22 37	1 29	20 19	3 36	15 34	1 2	8 10	2 34	11 11	0 31	9 46	0 50	4 48	16 58	22 21	22 16	4 18	18 0	5 25		
S 27	23 22	16 1	3 18	21 51	0 17	22 24	1 30	20 24	3 38	15 37	1 2	8 11	2 34	11 10	0 31	9 46	0 50	4 47	16 57	22 21	22 16	4 16	18 0	5 25		
S 28	23 20	12 23	4 5	21 33	0 1	22 10	1 32	20 29	3 41	15 40	1 2	8 11	2 34	11 10	0 31	9 45	0 50	4 47	16 57	22 21	22 17					