

SWISS EPHEMERIS for the year 1847

FEBRUARY 1847

00:00 UT

Table with 17 columns: Day, Sid.t, and signs for Sun, Moon, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, and the zodiac signs Aries through Capricorn. It lists astronomical data for each day of the month.

Table with 17 columns: Day, and signs for Sun, Moon, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, and the zodiac signs Aries through Capricorn. It provides detailed coordinates (declination and latitude) for each celestial body.

Julian Day Number = 2395693.5, Delta T = 6.40 sec
Ecliptic obliquity = 23°27'24", Nutation = 0°00'08
Ayanamsha: Fagan/Bradley = 22°36'18", Lahiri = 21°43'18"

SWISS EPHEMERIS for the year 1847

SEPTEMBER 1847

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
W 1	22 38 9	7 ^h 54'15	26 ^h 38	21 ^h 33	15 ^h 15	11 ^h 27	13 ^h 57	9 ^h R39	17 ^h R40	28 ^h R44	26 ^h R44	10 ^h 14	11 ^h 22	4 ^h 55	22 ^h 40								
T 2	22 42 5	8 ^h 52'22	10 ^h 19	23 ^h 8	15 ^h 38	11 ^h 45	14 ^h 7	9 ^h 35	17 ^h 38	28 ^h 42	26 ^h 43	10 ^h R14	11 ^h 19	5 ^h 2	22 ^h 47								
F 3	22 46 2	9 ^h 50'31	23 ^h 40	24 ^h 48	15 ^h 59	12 ^h 3	14 ^h 17	9 ^h 30	17 ^h 37	28 ^h 40	26 ^h 42	10 ^h 14	11 ^h 16	5 ^h 9	22 ^h 54								
S 4	22 49 58	10 ^h 48'42	6 ^h 42	26 ^h 30	16 ^h 18	12 ^h 20	14 ^h 27	9 ^h 26	17 ^h 35	28 ^h 39	26 ^h 41	10 ^h 11	11 ^h 13	5 ^h 15	23 ^h 2								
S 5	22 53 55	11 ^h 46'55	19 ^h 28	28 ^h 16	16 ^h 36	12 ^h 37	14 ^h 38	9 ^h 21	17 ^h 33	28 ^h 37	26 ^h 41	10 ^h 8	11 ^h 10	5 ^h 22	23 ^h 9								
M 6	22 57 51	12 ^h 45'09	1 ^h 59	0 ^h 4	16 ^h 51	12 ^h 52	14 ^h 48	9 ^h 17	17 ^h 31	28 ^h 36	26 ^h 40	10 ^h 4	11 ^h 6	5 ^h 28	23 ^h 16								
T 7	23 1 48	13 ^h 43'26	14 ^h 19	1 ^h 54	17 ^h 5	13 ^h 7	14 ^h 57	9 ^h 12	17 ^h 29	28 ^h 34	26 ^h 39	9 ^h 59	11 ^h 3	5 ^h 35	23 ^h 24								
W 8	23 5 45	14 ^h 41'45	26 ^h 28	3 ^h 45	17 ^h 16	13 ^h 22	15 ^h 7	9 ^h 7	17 ^h 27	28 ^h 32	26 ^h 38	9 ^h 55	11 ^h 0	5 ^h 42	23 ^h 31								
T 9	23 9 41	15 ^h 40'05	8 ^h 28	5 ^h 38	17 ^h 25	13 ^h 35	15 ^h 17	9 ^h 3	17 ^h 26	28 ^h 31	26 ^h 38	9 ^h 52	10 ^h 57	5 ^h 48	23 ^h 39								
F 10	23 13 38	16 ^h 38'27	20 ^h 22	7 ^h 31	17 ^h 33	13 ^h 48	15 ^h 26	8 ^h 58	17 ^h 24	28 ^h 29	26 ^h 37	9 ^h 49	10 ^h 54	5 ^h 55	23 ^h 46								
S 11	23 17 34	17 ^h 36'52	2 ^h 11	9 ^h 25	17 ^h 38	14 ^h 1	15 ^h 36	8 ^h 54	17 ^h 22	28 ^h 28	26 ^h 36	9 ^h 48	10 ^h 51	6 ^h 2	23 ^h 54								
S 12	23 21 31	18 ^h 35'17	13 ^h 57	11 ^h 19	17 ^h 40	14 ^h 12	15 ^h 45	8 ^h 49	17 ^h 20	28 ^h 26	26 ^h 35	9 ^h D48	10 ^h 47	6 ^h 8	24 ^h 1								
M13	23 25 27	19 ^h 33'45	25 ^h 44	13 ^h 13	17 ^h R41	14 ^h 23	15 ^h 55	8 ^h 45	17 ^h 17	28 ^h 25	26 ^h 34	9 ^h 48	10 ^h 44	6 ^h 15	24 ^h 9								
T 14	23 29 24	20 ^h 32'14	7 ^h 34	15 ^h 7	17 ^h 39	14 ^h 33	16 ^h 4	8 ^h 40	17 ^h 15	28 ^h 23	26 ^h 33	9 ^h 50	10 ^h 41	6 ^h 22	24 ^h 17								
W15	23 33 20	21 ^h 30'46	19 ^h 31	17 ^h 0	17 ^h 35	14 ^h 42	16 ^h 13	8 ^h 36	17 ^h 13	28 ^h 22	26 ^h 32	9 ^h 51	10 ^h 38	6 ^h 28	24 ^h 25								
T 16	23 37 17	22 ^h 29'18	1 ^h 39	18 ^h 53	17 ^h 28	14 ^h 50	16 ^h 22	8 ^h 32	17 ^h 11	28 ^h 20	26 ^h 31	9 ^h 53	10 ^h 35	6 ^h 35	24 ^h 32								
F 17	23 41 13	23 ^h 27'53	14 ^h 2	20 ^h 45	17 ^h 19	14 ^h 58	16 ^h 30	8 ^h 27	17 ^h 9	28 ^h 19	26 ^h 31	9 ^h 54	10 ^h 31	6 ^h 42	24 ^h 40								
S 18	23 45 10	24 ^h 26'29	26 ^h 45	22 ^h 37	17 ^h 8	15 ^h 5	16 ^h 39	8 ^h 23	17 ^h 7	28 ^h 17	26 ^h 30	9 ^h R54	10 ^h 28	6 ^h 48	24 ^h 48								
S 19	23 49 7	25 ^h 25'07	9 ^h 51	24 ^h 28	16 ^h 54	15 ^h 11	16 ^h 47	8 ^h 19	17 ^h 5	28 ^h 16	26 ^h 29	9 ^h 53	10 ^h 25	6 ^h 55	24 ^h 56								
M20	23 53 3	26 ^h 23'46	23 ^h 23	26 ^h 18	16 ^h 38	15 ^h 16	16 ^h 56	8 ^h 14	17 ^h 2	28 ^h 15	26 ^h 28	9 ^h 52	10 ^h 22	7 ^h 1	25 ^h 4								
T 21	23 57 0	27 ^h 22'28	7 ^h 24	28 ^h 7	16 ^h 19	15 ^h 20	17 ^h 4	8 ^h 10	17 ^h 0	28 ^h 13	26 ^h 27	9 ^h 51	10 ^h 19	7 ^h 8	25 ^h 12								
W22	0 0 56	28 ^h 21'10	21 ^h 50	29 ^h 55	15 ^h 59	15 ^h 23	17 ^h 12	8 ^h 6	16 ^h 58	28 ^h 12	26 ^h 26	9 ^h 49	10 ^h 16	7 ^h 15	25 ^h 20								
T 23	0 4 53	29 ^h 19'55	6 ^h 40	1 ^h 42	15 ^h 36	15 ^h 26	17 ^h 20	8 ^h 2	16 ^h 56	28 ^h 10	26 ^h 25	9 ^h 48	10 ^h 12	7 ^h 21	25 ^h 28								
F 24	0 8 49	0 ^h 18'41	21 ^h 46	3 ^h 28	15 ^h 10	15 ^h 28	17 ^h 28	7 ^h 58	16 ^h 53	28 ^h 9	26 ^h 24	9 ^h 47	10 ^h 9	7 ^h 28	25 ^h 36								
S 25	0 12 46	1 ^h 17'30	6 ^h 58	5 ^h 14	14 ^h 43	15 ^h R29	17 ^h 36	7 ^h 54	16 ^h 51	28 ^h 8	26 ^h 23	9 ^h D47	10 ^h 6	7 ^h 35	25 ^h 44								
S 26	0 16 42	2 ^h 16'20	22 ^h 9	6 ^h 58	14 ^h 14	15 ^h 28	17 ^h 43	7 ^h 50	16 ^h 49	28 ^h 7	26 ^h 22	9 ^h 47	10 ^h 3	7 ^h 41	25 ^h 53								
M27	0 20 39	3 ^h 15'13	7 ^h 8	8 ^h 42	13 ^h 44	15 ^h 28	17 ^h 51	7 ^h 46	16 ^h 46	28 ^h 5	26 ^h 21	9 ^h 48	10 ^h 0	7 ^h 48	26 ^h 1								
T 28	0 24 36	4 ^h 14'07	21 ^h 48	10 ^h 24	13 ^h 12	15 ^h 26	17 ^h 58	7 ^h 42	16 ^h 44	28 ^h 4	26 ^h 20	9 ^h 48	9 ^h 56	7 ^h 55	26 ^h 9								
W29	0 28 32	5 ^h 13'05	6 ^h 11	12 ^h 6	12 ^h 38	15 ^h 23	18 ^h 5	7 ^h 38	16 ^h 42	28 ^h 3	26 ^h 19	9 ^h 49	9 ^h 53	8 ^h 1	26 ^h 17								
T 30	0 32 29	6 ^h 12'04	19 ^h 11	13 ^h 47	12 ^h 4	15 ^h 19	18 ^h 12	7 ^h 35	16 ^h 39	28 ^h 2	26 ^h 18	9 ^h 49	9 ^h 50	8 ^h 8	26 ^h 26								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	8n37	15n44	3s47	15n12	0n55	10s56	5s21	12n20	3s 5	22n39	0s 5	9s50	2s 2	6n19	0s41	12s29	0s36	5s47	17s14	4s 3	4s30	2s29	8s56	0s 7
T 2	8 15	17 32	4 32	14 50	1 5	11 14	5 31	12 26	3 5	22 38	0 5	9 52	2 2	6 18	0 41	12 30	0 36	5 48	17 15	4 3	4 29	2 31	8 58	0 7
F 3	7 53	18 18	5 1	14 25	1 13	11 31	5 40	12 32	3 5	22 37	0 5	9 54	2 2	6 17	0 41	12 30	0 36	5 48	17 15	4 3	4 28	2 33	9 1	0 6
S 4	7 31	18 5	5 13	13 58	1 21	11 48	5 50	12 37	3 4	22 36	0 5	9 56	2 2	6 17	0 41	12 31	0 36	5 49	17 15	4 2	4 26	2 35	9 3	0 6
S 5	7 9	16 56	5 9	13 28	1 28	12 3	6 0	12 43	3 4	22 35	0 5	9 58	2 3	6 16	0 41	12 31	0 36	5 49	17 15	4 1	4 25	2 37	9 6	0 6
M 6	6 47	15 0	4 51	12 55	1 34	12 18	6 9	12 48	3 3	22 34	0 5	9 59	2 3	6 15	0 41	12 32	0 36	5 50	17 16	3 59	4 24	2 38	9 8	0 5
T 7	6 24	12 24	4 19	12 20	1 38	12 32	6 19	12 53	3 3	22 33	0 4	10 1	2 3	6 15	0 41	12 33	0 36	5 50	17 16	3 58	4 23	2 40	9 10	0 5
W 8	6 2	9 19	3 36	11 43	1 42	12 45	6 28	12 58	3 2	22 32	0 4	10 3	2 3	6 14	0 41	12 33	0 36	5 51	17 16	3 56	4 21	2 42	9 13	0 5
T 9	5 39	5 52	2 44	11 5	1 45	12 58	6 38	13 2	3 2	22 31	0 4	10 5	2 3	6 13	0 41	12 34	0 36	5 51	17 16	3 55	4 20	2 44	9 15	0 4
F 10	5 17	2 12	1 45	10 25	1 47	13 9	6 47	13 7	3 1	22 30	0 4	10 6	2 3	6 12	0 41	12 34	0 36	5 52	17 17	3 54	4 19	2 46	9 18	0 4
S 11	4 54	1s31	0 42	9 43	1 48	13 19	6 56	13 11	3 0	22 29	0 4	10 8	2 3	6 12	0 41	12 35	0 36	5 52	17 17	3 53	4 18	2 48	9 20	0 4
S 12	4 31	5 9	0n23	9 0	1 49	13 28	7 5	13 15	3 0	22 28	0 4	10 10	2 3	6 11	0 41	12 35	0 36	5 53	17 17	3 53	4 16	2 49	9 23	0 4
M13	4 8	8 36	1 27	8 16	1 48	13 36	7 13	13 19	2 59	22 27	0 4	10 12	2 3	6 10	0 41	12 36	0 36	5 53	17 17	3 53	4 15	2 51	9 25	0 3
T 14	3 45	11 43	2 28	7 31	1 47	13 43	7 21	13 23	2 58	22 26	0 4	10 13	2 3	6 9	0 41	12 36	0 36	5 54	17 17	3 54	4 14	2 53	9 28	0 3
W15	3 22	14 22	3 23	6 46	1 46	13 49	7 29	13 26	2 57	22 25	0 4	10 15	2 3	6 8	0 41	12 37	0 36	5 54	17 18	3 54	4 13	2 55	9 31	0 3
T 16	2 59	16 26	4 9	5 59	1 44	13 53	7 37	13 29	2 56	22 24	0 4	10 17	2 3	6 7	0 41	12 37	0 36	5 55	17 18	3 55	4 11	2 57	9 33	0 2
F 17	2 36	17 46	4 46	5 13	1 41	13 56	7 44	13 33	2 55	22 23	0 3	10 18	2 3	6 7	0 41	12 38	0 36	5 55	17 18	3 55	4 10	2 59	9 36	0 2
S 18	2 13	18 16	5 9	4 26	1 38	13 58	7 51	13 36	2 54	22 22	0 3	10 20	2 3	6 6	0 41	12 38	0 36	5 56	17 18	3 55	4 9	3 0	9 38	0 2
S 19	1 49																							

SWISS EPHEMERIS for the year 1847

NOVEMBER 1847

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	2 38 38	7♏57'55	20♏18	0♁7'33	2♁49	7°R 9	20♁30	6°R16	15°R23	27°R37	25°R42	9♁31	8♁ 8	11♁40	0♏L58
T 2	2 42 35	8°58'01	2♏24	1°44	3° 6	6♁48	20°31	6♁15	15°Y21	27°R37	25°Y41	9°32	8° 5	11°47	1° 7
W 3	2 46 31	9°58'10	14°18	2°52	3°26	6°28	20°32	6°15	15°19	27°36	25°40	9°34	8° 2	11°54	1°16
T 4	2 50 28	10°58'20	26° 6	3°59	3°47	6° 8	20°33	6°14	15°17	27°36	25°38	9°36	7°59	12° 0	1°24
F 5	2 54 25	11°58'32	7♁52	5° 2	4°10	5°48	20°34	6°13	15°15	27°36	25°37	9°R36	7°56	12° 7	1°33
S 6	2 58 21	12°58'47	19°40	6° 3	4°35	5°28	20°34	6°13	15°13	27°36	25°36	9°36	7°53	12°14	1°41
S 7	3 2 18	13°59'03	1♏32	7° 1	5° 1	5° 9	20°34	6°12	15°11	27°36	25°35	9°34	7°49	12°20	1°50
M 8	3 6 14	14°59'21	13°31	7°54	5°30	4°50	20°R34	6°12	15° 9	27°36	25°34	9°30	7°46	12°27	1°58
T 9	3 10 11	15°59'41	25°39	8°44	6° 0	4°32	20°34	6°12	15° 7	27°D36	25°33	9°24	7°43	12°34	2° 7
W10	3 14 7	17° 0'03	7♁56	9°30	6°31	4°14	20°34	6°D12	15° 5	27°36	25°32	9°17	7°40	12°40	2°15
T 11	3 18 4	18° 0'26	20°24	10°10	7° 4	3°57	20°34	6°12	15° 3	27°36	25°31	9°10	7°37	12°47	2°23
F 12	3 22 0	19° 0'50	3♁ 4	10°45	7°38	3°41	20°33	6°12	15° 1	27°36	25°30	9° 3	7°33	12°54	2°32
S 13	3 25 57	20° 1'17	15°57	11°13	8°14	3°25	20°32	6°12	14°59	27°36	25°29	8°57	7°30	13° 0	2°40
S 14	3 29 54	21° 1'44	29° 4	11°34	8°51	3°10	20°31	6°12	14°57	27°36	25°28	8°53	7°27	13° 7	2°48
M15	3 33 50	22° 2'13	12♁27	11°48	9°30	2°55	20°30	6°13	14°55	27°36	25°27	8°51	7°24	13°14	2°57
T 16	3 37 47	23° 2'43	26° 6	11°R52	10° 9	2°41	20°28	6°13	14°54	27°36	25°26	8°D50	7°21	13°20	3° 5
W17	3 41 43	24° 3'15	10♁ 3	11°48	10°50	2°28	20°26	6°14	14°52	27°37	25°25	8°51	7°18	13°27	3°13
T 18	3 45 40	25° 3'47	24°19	11°34	11°32	2°16	20°24	6°15	14°50	27°37	25°24	8°52	7°14	13°33	3°22
F 19	3 49 36	26° 4'21	8°Y50	11° 9	12°15	2° 4	20°22	6°16	14°48	27°37	25°23	8°R53	7°11	13°40	3°30
S 20	3 53 33	27° 4'56	23°35	10°34	12°59	1°53	20°20	6°17	14°47	27°37	25°22	8°52	7° 8	13°47	3°38
S 21	3 57 29	28° 5'32	8♁27	9°48	13°44	1°43	20°18	6°18	14°45	27°38	25°21	8°49	7° 5	13°53	3°46
M22	4 1 26	29° 6'10	23°19	8°52	14°31	1°34	20°15	6°19	14°44	27°38	25°20	8°44	7° 2	14° 0	3°54
T 23	4 5 23	0♁7'49	8♁ 3	7°47	15°18	1°26	20°12	6°20	14°42	27°39	25°19	8°36	6°59	14° 7	4° 2
W24	4 9 19	1° 7'30	22°30	6°34	16° 6	1°18	20° 9	6°22	14°41	27°39	25°18	8°27	6°55	14°13	4°10
T 25	4 13 16	2° 8'12	6♁36	5°16	16°55	1°11	20° 6	6°23	14°39	27°40	25°17	8°18	6°52	14°20	4°18
F 26	4 17 12	3° 8'55	20°14	3°54	17°45	1° 5	20° 2	6°25	14°38	27°40	25°17	8°10	6°49	14°27	4°26
S 27	4 21 9	4° 9'40	3♁26	2°32	18°35	1° 0	19°59	6°26	14°37	27°41	25°16	8° 4	6°46	14°33	4°34
S 28	4 25 5	5°10'27	16°12	1°12	19°27	0°56	19°55	6°28	14°35	27°41	25°15	8° 0	6°43	14°40	4°42
M29	4 29 2	6°11'15	28°36	29♏57	20°19	0°52	19°51	6°30	14°34	27°42	25°14	7°58	6°39	14°47	4°50
T 30	4 32 58	7♁12'04	10♏42	28♏48	21♁12	0♁49	19♁47	6♁32	14°Y33	27°R43	25°Y13	7°D57	6♁36	14♁53	4♏L58

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	14s10	10n57	3s59	22s52	2s39	3s13	2s17	12n53	1s 5	21n55	0n 2	11s 4	1s59	5n26	0s41	12s52	0s36	6s14	17s21	3s46	3s14	4s20	11s39	0n11
T 2	14 30	7 40	3 10	23 9	2 41	3 9	2 5	12 50	1 1	21 55	0 2	11 4	1 59	5 25	0 41	12 52	0 36	6 15	17 20	3 47	3 13	4 21	11 41	0 12
W 3	14 49	4 7	2 15	23 25	2 43	3 5	1 52	12 47	0 58	21 55	0 2	11 4	1 59	5 25	0 41	12 52	0 36	6 15	17 20	3 48	3 11	4 23	11 44	0 12
T 4	15 8	0 26	1 13	23 40	2 45	3 2	1 40	12 43	0 54	21 55	0 2	11 4	1 59	5 24	0 41	12 52	0 36	6 15	17 20	3 48	3 10	4 25	11 47	0 12
F 5	15 26	3s16	0 10	23 53	2 46	3 1	1 29	12 40	0 50	21 55	0 2	11 5	1 59	5 23	0 41	12 53	0 36	6 16	17 20	3 49	3 9	4 27	11 49	0 13
S 6	15 45	6 51	0n55	24 4	2 47	3 0	1 17	12 37	0 47	21 55	0 2	11 5	1 59	5 22	0 41	12 53	0 36	6 16	17 20	3 48	3 8	4 29	11 52	0 13
S 7	16 3	10 11	1 57	24 14	2 46	3 1	1 6	12 34	0 43	21 55	0 2	11 5	1 59	5 22	0 41	12 53	0 36	6 16	17 20	3 47	3 6	4 30	11 55	0 13
M 8	16 21	13 8	2 55	24 22	2 45	3 2	0 55	12 31	0 40	21 55	0 3	11 5	1 58	5 21	0 41	12 53	0 36	6 16	17 20	3 46	3 5	4 32	11 57	0 14
T 9	16 38	15 33	3 45	24 28	2 44	3 4	0 45	12 28	0 36	21 55	0 3	11 5	1 58	5 20	0 40	12 53	0 36	6 17	17 20	3 44	3 4	4 34	12 0	0 14
W10	16 55	17 17	4 25	24 33	2 41	3 7	0 34	12 26	0 33	21 56	0 3	11 4	1 58	5 19	0 40	12 53	0 36	6 17	17 19	3 41	3 3	4 36	12 3	0 14
T 11	17 12	18 14	4 54	24 35	2 37	3 11	0 24	12 23	0 29	21 56	0 3	11 4	1 58	5 19	0 40	12 53	0 36	6 17	17 19	3 38	3 1	4 37	12 5	0 14
F 12	17 29	18 17	5 8	24 35	2 33	3 15	0 14	12 21	0 26	21 56	0 3	11 4	1 58	5 18	0 40	12 53	0 36	6 17	17 19	3 35	3 0	4 39	12 8	0 15
S 13	17 46	17 24	5 8	24 34	2 27	3 21	0 5	12 19	0 22	21 56	0 3	11 4	1 58	5 17	0 40	12 52	0 36	6 17	17 19	3 33	2 59	4 41	12 10	0 15
S 14	18 2	15 36	4 51	24 30	2 20	3 27	0n 4	12 17	0 19	21 57	0 3	11 4	1 57	5 16	0 40	12 52	0 36	6 18	17 19	3 31	2 58	4 43	12 13	0 15
M15	18 17	12 56	4 19	24 23	2 11	3 34	0 13	12 15	0 16	21 57	0 4	11 3	1 57	5 16	0 40	12 52	0 36	6 18	17 19	3 31	2 56	4 45	12 15	0 16
T 16	18 33	9 31	3 31	24 14	2 2	3 41	0 22	12 13	0 12	21 57	0 4	11 3	1 57	5 15	0 40	12 52	0 36	6 18	17 18	3 30	2 55	4 46	12 18	0 16
W17	18 48	5 30	2 30	24 2	1 50	3 50	0 30	12 12	0 9	21 58	0 4	11 3	1 57	5 14	0 40	12 52	0 36	6 18	17 18	3 31	2 54	4 48	12 21	0 16
T 18	19 3	1 4	1 18	23 48	1 37	3 59	0 38	12 11	0 6	21 58	0 4	11 2	1 57	5 14	0 40	12 52	0 36	6 18	17 18	3 31	2 53	4 50	12 23	0 17
F 19	19 17	3n31	0 0	23 30	1 23	4 8	0 46	12 10	0 3	21 59	0 4	11 2	1 57	5 13	0 40	12 52	0 36	6 18	17 18	3 31	2 51	4 52	12 26	0 17
S 20	19 31	7 57	1s19	23 9	1 7	4 19	0 54	12 9	0n 0	21 59	0 4	11 1	1 57	5 13	0 40	12 52	0 36	6 19	17 18	3 31	2 50	4 53	12 28	0 17
S 21	19 45	11 55	2 33	22 45	0 50	4 30	1 1	12 8	0 3	22 0	0 4	11 1	1 56	5 12	0 40	12 52	0 36	6 19	17 18	3 30	2 49	4 55	12 30	0 17
M22	19 58	15 8	3 36	22 18	0 31	4 41	1 8	12 8	0 6	22 0	0 5	11 0	1 56	5 11	0 40	12 52	0 36	6 19	17 17	3 28	2 48	4 57	12 33	0 18
T 23	20 11	17 19	4 24	21 49	0 11	4 53	1 15	12 7	0 9	22 1	0 5	10 59	1 56	5 11	0 40	12 51	0 36	6 19	17 17	3 25	2 46	4 59	12 35	0 18
W24	20 24	18 20	4 55	21 17	0n 9	5 5	1 21	12 7	0 12	22 1	0 5	10 59	1 56	5 10	0 40	12 51	0 36	6 19	17 17	3 21	2 45	5 0	12 38	0 18
T 25	20 36	18 12	5 6	20 43	0 29	5 18	1 27	12 8	0 15	22 2	0 5	10 58	1 56	5 10	0 40	12 51	0 36	6 19	17 17	3 18	2 44	5 2	12 40	0 19
F 26	20 48	16 59	5 0	20 8	0 50	5 32	1 33	12 8	0 18	22 3	0 5	10 57	1 56	5 9	0 40	12 51	0 36	6 19	17 16	3 15	2 42	5 4	12 43	0 19
S 27	21 0	14 54	4 37	19 33	1 9	5 46	1 39	12 9	0 20	22 3	0 5	10 57	1 56	5 9	0 40	12 51	0 36	6 19	17 16	3 12	2 41	5 6	12 45	0 19
S 28	21 11	12 9	4 1	18 59	1 28	6 0	1 45	12 10	0 23	22 4	0 5	10 56	1 55	5 8	0 40	12 50	0 36	6 19	17 16	3 10	2 40	5 8	12 47	0 20
M29	21 21	8 55	3 15	18 27	1 44	6 15	1 50	12 11	0 25	22 5	0 6	10 55	1 55	5 8	0 40	12 50	0 36	6 19	17 16	3 10	2 39	5 9	12 50	0 20
T 30	21s32	5n23	2s21	17s58	1n59	6s30	1n55	12n12	0n28	22n 6	0n 6	10s54	1s55	5n 7	0s40	12								

SWISS EPHEMERIS for the year 1847

DECEMBER 1847

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	4 36 55	8♂12'55	22♏37	27°R49	22♏ 6	0°R47	19°R42	6♂34	14°R32	27♏43	25°R12	7♏58	6♏33	15♏ 0	5♏ 5	
T 2	4 40 52	9°13'47	4♏24	27♏ 1	23° 0	0♂46	19♏38	6°36	14°Y30	27°44	25°Y12	7°R59	6°30	15° 7	5°13	
F 3	4 44 48	10°14'41	16°11	26°23	23°55	0°D46	19°33	6°39	14°29	27°45	25°11	7°58	6°27	15°13	5°21	
S 4	4 48 45	11°15'36	28° 1	25°57	24°50	0°46	19°28	6°41	14°28	27°46	25°10	7°56	6°24	15°20	5°28	
S 5	4 52 41	12°16'32	9♏58	25°43	25°47	0°48	19°23	6°44	14°27	27°47	25° 9	7°51	6°20	15°26	5°36	
M 6	4 56 38	13°17'29	22° 6	25°D39	26°43	0°50	19°18	6°46	14°26	27°48	25° 9	7°44	6°17	15°33	5°43	
T 7	5 0 34	14°18'28	4♏27	25°45	27°41	0°52	19°12	6°49	14°26	27°48	25° 8	7°34	6°14	15°40	5°51	
W 8	5 4 31	15°19'27	17° 1	26° 2	28°39	0°56	19° 7	6°52	14°25	27°49	25° 7	7°22	6°11	15°46	5°58	
T 9	5 8 27	16°20'28	29°49	26°26	29°37	1° 0	19° 1	6°55	14°24	27°50	25° 7	7° 9	6° 8	15°53	6° 5	
F 10	5 12 24	17°21'29	12♏50	26°59	0♏36	1° 5	18°55	6°58	14°23	27°51	25° 6	6°56	6° 5	16° 0	6°13	
S 11	5 16 21	18°22'31	26° 2	27°39	1°35	1°11	18°49	7° 1	14°22	27°52	25° 5	6°46	6° 1	16° 6	6°20	
S 12	5 20 17	19°23'34	9♏26	28°24	2°35	1°18	18°43	7° 4	14°22	27°54	25° 5	6°37	5°58	16°13	6°27	
M13	5 24 14	20°24'37	22°59	29°16	3°36	1°25	18°37	7° 7	14°21	27°55	25° 4	6°32	5°55	16°20	6°34	
T 14	5 28 10	21°25'40	6♂43	0♂12	4°36	1°33	18°30	7°11	14°21	27°56	25° 4	6°29	5°52	16°26	6°41	
W15	5 32 7	22°26'44	20°35	1°12	5°37	1°42	18°24	7°14	14°20	27°57	25° 3	6°D28	5°49	16°33	6°48	
T 16	5 36 3	23°27'48	4♏38	2°16	6°39	1°51	18°17	7°18	14°20	27°58	25° 3	6°R28	5°45	16°40	6°55	
F 17	5 40 0	24°28'52	18°50	3°23	7°41	2° 1	18°10	7°21	14°19	27°59	25° 2	6°28	5°42	16°46	7° 2	
S 18	5 43 56	25°29'57	3♏10	4°34	8°43	2°11	18° 3	7°25	14°19	28° 1	25° 2	6°25	5°39	16°53	7° 9	
S 19	5 47 53	26°31'02	17°36	5°46	9°46	2°23	17°56	7°29	14°19	28° 2	25° 1	6°21	5°36	17° 0	7°15	
M20	5 51 50	27°32'08	2♏ 2	7° 1	10°49	2°34	17°49	7°33	14°18	28° 3	25° 1	6°13	5°33	17° 6	7°22	
T 21	5 55 46	28°33'14	16°24	8°18	11°52	2°47	17°42	7°37	14°18	28° 5	25° 0	6° 2	5°30	17°13	7°29	
W22	5 59 43	29°34'20	0♏35	9°36	12°56	3° 0	17°35	7°41	14°18	28° 6	25° 0	5°50	5°26	17°19	7°35	
T 23	6 3 39	0♏35'27	14°29	10°56	14° 0	3°13	17°27	7°45	14°18	28° 7	24°59	5°37	5°23	17°26	7°41	
F 24	6 7 36	1°36'34	28° 2	12°17	15° 4	3°28	17°20	7°49	14°D18	28° 9	24°59	5°25	5°20	17°33	7°48	
S 25	6 11 32	2°37'41	11♏12	13°39	16° 9	3°42	17°12	7°54	14°18	28°10	24°59	5°15	5°17	17°39	7°54	
S 26	6 15 29	3°38'49	23°59	15° 3	17°14	3°57	17° 5	7°58	14°18	28°12	24°58	5° 7	5°14	17°46	8° 0	
M27	6 19 25	4°39'58	6♏25	16°27	18°19	4°13	16°57	8° 3	14°18	28°13	24°58	5° 2	5°11	17°53	8° 6	
T 28	6 23 22	5°41'07	18°33	17°52	19°25	4°29	16°49	8° 7	14°18	28°15	24°58	5° 0	5° 7	17°59	8°12	
W29	6 27 19	6°42'16	0♏29	19°18	20°30	4°46	16°41	8°12	14°19	28°16	24°58	4°59	5° 4	18° 6	8°18	
T 30	6 31 15	7°43'26	12°18	20°45	21°36	5° 3	16°33	8°17	14°19	28°18	24°57	4°59	5° 1	18°13	8°24	
F 31	6 35 12	8°44'36	24♏ 6	22♏12	22♏43	5♏21	16♏25	8♏21	14°Y19	28♏20	24°Y57	4♏59	4♏58	18♏19	8♏30	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	21s42	1n41	1s22	17s33	2n12	6s45	2n 0	12n14	0n30	22n 6	0n 6	10s53	1s55	5n 7	0s40	12s50	0s35	6s20	17s15	3s10	2s36	5s13	12s54	0n21
T 2	21 51	2s 3	0 19	17 12	2 22	7 1	2 5	12 16	0 33	22 7	0 6	10 52	1 55	5 7	0 40	12 49	0 35	6 20	17 15	3 10	2 35	5 15	12 56	0 21
F 3	22 0	5 42	0n44	16 55	2 30	7 17	2 9	12 18	0 35	22 8	0 6	10 51	1 55	5 6	0 40	12 49	0 35	6 20	17 15	3 10	2 34	5 16	12 59	0 21
S 4	22 9	9 8	1 45	16 43	2 37	7 33	2 13	12 20	0 37	22 9	0 6	10 50	1 55	5 6	0 40	12 49	0 35	6 20	17 14	3 9	2 32	5 18	13 1	0 22
S 5	22 17	12 15	2 42	16 36	2 41	7 50	2 17	12 23	0 40	22 10	0 6	10 49	1 54	5 6	0 40	12 49	0 35	6 20	17 14	3 7	2 31	5 20	13 3	0 22
M 6	22 25	14 53	3 33	16 33	2 43	8 7	2 21	12 25	0 42	22 11	0 7	10 48	1 54	5 5	0 40	12 48	0 35	6 20	17 14	3 4	2 30	5 22	13 5	0 22
T 7	22 32	16 53	4 14	16 34	2 44	8 24	2 25	12 28	0 44	22 11	0 7	10 47	1 54	5 5	0 40	12 48	0 35	6 20	17 14	3 0	2 29	5 23	13 7	0 23
W 8	22 39	18 7	4 43	16 38	2 43	8 41	2 28	12 31	0 46	22 12	0 7	10 46	1 54	5 5	0 40	12 48	0 35	6 20	17 13	2 55	2 27	5 25	13 10	0 23
T 9	22 45	18 28	5 0	16 46	2 41	8 59	2 31	12 35	0 48	22 13	0 7	10 44	1 54	5 4	0 40	12 47	0 35	6 19	17 13	2 50	2 26	5 27	13 12	0 23
F 10	22 51	17 51	5 0	16 56	2 38	9 17	2 34	12 38	0 50	22 14	0 7	10 43	1 54	5 4	0 40	12 47	0 35	6 19	17 13	2 45	2 25	5 29	13 14	0 24
S 11	22 57	16 17	4 45	17 9	2 34	9 35	2 37	12 42	0 51	22 15	0 7	10 42	1 54	5 4	0 39	12 46	0 35	6 19	17 12	2 41	2 24	5 30	13 16	0 24
S 12	23 2	13 49	4 14	17 24	2 29	9 53	2 40	12 46	0 53	22 16	0 7	10 41	1 53	5 4	0 39	12 46	0 35	6 19	17 12	2 38	2 22	5 32	13 18	0 24
M13	23 7	10 34	3 29	17 40	2 24	10 11	2 42	12 50	0 55	22 17	0 8	10 39	1 53	5 3	0 39	12 46	0 35	6 19	17 12	2 36	2 21	5 34	13 20	0 25
T 14	23 11	6 43	2 31	17 58	2 18	10 29	2 45	12 54	0 57	22 18	0 8	10 38	1 53	5 3	0 39	12 45	0 35	6 19	17 11	2 34	2 20	5 36	13 22	0 25
W15	23 14	2 27	1 23	18 17	2 11	10 47	2 47	12 59	0 58	22 19	0 8	10 36	1 53	5 3	0 39	12 45	0 35	6 19	17 11	2 34	2 19	5 37	13 24	0 25
T 16	23 18	1n59	0 10	18 36	2 4	11 5	2 49	13 4	1 0	22 20	0 8	10 35	1 53	5 3	0 39	12 44	0 35	6 19	17 11	2 34	2 17	5 39	13 26	0 26
F 17	23 20	6 23	1s 5	18 56	1 57	11 24	2 50	13 9	1 1	22 21	0 8	10 34	1 53	5 3	0 39	12 44	0 35	6 19	17 10	2 34	2 16	5 41	13 28	0 26
S 18	23 23	10 26	2 16	19 16	1 50	11 42	2 52	13 14	1 3	22 23	0 8	10 32	1 53	5 3	0 39	12 44	0 35	6 19	17 10	2 33	2 15	5 43	13 30	0 26
S 19	23 25	13 54	3 19	19 37	1 42	12 1	2 53	13 19	1 4	22 24	0 9	10 30	1 52	5 3	0 39	12 43	0 35	6 18	17 10	2 31	2 14	5 44	13 31	0 27
M20	23 26	16 31	4 9	19 57	1 34	12 19	2 54	13 24	1 6	22 25	0 9	10 29	1 52	5 3	0 39	12 43	0 35	6 18	17 9	2 28	2 12	5 46	13 33	0 27
T 21	23 27	18 4	4 43	20 17	1 26	12 37	2 55	13 30	1 7	22 26	0 9	10 27	1 52	5 3	0 39	12 42	0 35	6 18	17 9	2 24	2 11	5 48	13 35	0 27
W22	23 27	18 28	4 59	20 37	1 18	12 56	2 56	13 36	1 9	22 27	0 9	10 26	1 52	5 3	0 39	12 42	0 35	6 18	17 9	2 19	2 10	5 50	13 37	0 28
T 23	23 27	17 45	4 57	20 56	1 10	13 14	2 57	13 41	1 10	22 28	0 9	10 24	1 52	5 3	0 39	12 41	0 35	6 18	17 8	2 14	2 9	5 51	13 39	0 28
F 24	23 27	16 2	4 38	21 15	1 2	13 32	2 58	13 47	1 11	22 29	0 9	10 22	1 52	5 3	0 39	12 41	0 35	6 18	17 8	2 9	2 7	5 53	13 40	0 28
S 25	23 26	13 31	4 4	21 34	0 54	13 50	2 58	13 54	1 12	22 30	0 9	10 21	1 52	5 3	0 39	12 40	0 35	6 17	17 8	2 5	2 6	5 55	13 42	0 29
S 26	23 24	10 24	3 19	21 51	0 46	14 8	2 58	14 0	1 13	22 31	0 10	10 19	1 52	5 3	0 39	12 40	0 35	6 17	17 7	2 2	2 5	5 56	13 44	0 29
M27	23 22	6 55	2 25	22 8	0 38	14 26	2 58	14 6	1 15	22 32	0 10	10 17	1 51	5 3	0 39	12 39	0 35	6 17	17 7	2 0	2 3	5 58	13 45	0 29
T 28	23 20	3 13	1 26	22 24	0 30	14 44	2 58	14 13	1 16	22 34	0 10	10 15	1 51	5 3	0 39	12 39	0 35	6 17	17 7	1 59	2 2	6 0	13 47	0 30
W29	23 17	0s34																						