

SWISS EPHEMERIS for the year 1864

JANUARY 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	6 39 39	9♄33'17	25♃ 3	26♄30	24♃27	10♂36	20♃24	17♄27	22♂R21	3♃23	10♂R28	26♂R46	25♃27	9♃28	7♁ 9
S 2	6 43 35	10°54'27	7♄17	27°59	25°35	11°18	20°35	17°30	22♂II18	3°24	10♂28	26°D45	25°24	9°35	7°12
S 3	6 47 32	11°55'37	19°47	29°26	26°42	12° 1	20°45	17°32	22°16	3°24	10°27	26♃45	25°21	9°42	7°14
M 4	6 51 28	12°56'47	2♃37	0♁50	27°51	12°44	20°56	17°35	22°14	3°25	10°27	26°47	25°18	9°49	7°17
T 5	6 55 25	13°57'58	15°53	2°13	28°59	13°26	21° 6	17°37	22°11	3°26	10°26	26°48	25°14	9°55	7°19
W 6	6 59 21	14°59'09	29°36	3°32	0♁ 7	14° 9	21°16	17°40	22° 9	3°27	10°26	26°R48	25°11	10° 2	7°22
T 7	7 3 18	16° 0'19	13♁49	4°47	1°16	14°52	21°26	17°42	22° 7	3°27	10°25	26°47	25° 8	10° 9	7°25
F 8	7 7 14	17° 1'30	28°28	5°59	2°25	15°35	21°36	17°44	22° 4	3°28	10°25	26°43	25° 5	10°15	7°28
S 9	7 11 11	18° 2'41	13♄28	7° 5	3°34	16°18	21°46	17°46	22° 2	3°29	10°25	26°37	25° 2	10°22	7°30
S 10	7 15 8	19° 3'51	28°41	8° 5	4°43	17° 0	21°56	17°48	22° 0	3°30	10°24	26°30	24°58	10°29	7°33
M11	7 19 4	20° 5'01	13♁56	9° 0	5°52	17°43	22° 6	17°50	21°58	3°31	10°24	26°21	24°55	10°36	7°36
T 12	7 23 1	21° 6'11	29° 1	9°46	7° 2	18°26	22°15	17°51	21°56	3°32	10°24	26°13	24°52	10°42	7°39
W13	7 26 57	22° 7'19	13♁49	10°25	8°11	19° 9	22°25	17°53	21°53	3°33	10°24	26° 5	24°49	10°49	7°42
T 14	7 30 54	23° 8'27	28°12	10°54	9°21	19°52	22°34	17°55	21°51	3°34	10°23	26° 0	24°46	10°56	7°45
F 15	7 34 50	24° 9'35	12♃ 8	11°13	10°30	20°35	22°44	17°56	21°49	3°35	10°23	25°58	24°43	11° 3	7°48
S 16	7 38 47	25°10'41	25°38	11°R21	11°40	21°18	22°53	17°57	21°47	3°36	10°23	25°D57	24°39	11° 9	7°51
S 17	7 42 43	26°11'47	8♁44	11°18	12°50	22° 2	23° 2	17°58	21°45	3°37	10°23	25°57	24°36	11°16	7°54
M18	7 46 40	27°12'52	21°29	11° 4	14° 0	22°45	23°11	17°59	21°43	3°38	10°23	25°R58	24°33	11°23	7°57
T 19	7 50 37	28°13'56	3♂II58	10°37	15°11	23°28	23°20	18° 0	21°41	3°39	10°22	25°58	24°30	11°29	8° 1
W20	7 54 33	29°14'59	16°14	10° 0	16°21	24°11	23°28	18° 1	21°39	3°40	10°22	25°56	24°27	11°36	8° 4
T 21	7 58 30	0♁16'01	28°21	9°12	17°31	24°54	23°37	18° 2	21°38	3°42	10°22	25°51	24°24	11°43	8° 7
F 22	8 2 26	1°17'02	10♄22	8°14	18°42	25°38	23°45	18° 3	21°36	3°43	10°22	25°43	24°20	11°50	8°10
S 23	8 6 23	2°18'03	22°18	7° 9	19°53	26°21	23°54	18° 3	21°34	3°44	10°22	25°33	24°17	11°56	8°14
S 24	8 10 19	3°19'03	4♃12	5°58	21° 3	27° 4	24° 2	18° 4	21°32	3°45	10°22	25°20	24°14	12° 3	8°17
M25	8 14 16	4°20'01	16° 5	4°43	22°14	27°48	24°10	18° 4	21°31	3°47	10°D22	25° 7	24°11	12°10	8°20
T 26	8 18 13	5°20'59	27°57	3°27	23°25	28°31	24°18	18° 4	21°29	3°48	10°22	24°53	24° 8	12°16	8°24
W27	8 22 9	6°21'56	9♃52	2°12	24°36	29°15	24°26	18°R 4	21°27	3°49	10°22	24°40	24° 4	12°23	8°27
T 28	8 26 6	7°22'53	21°49	1° 0	25°47	29°58	24°33	18° 4	21°26	3°51	10°22	24°30	24° 1	12°30	8°31
F 29	8 30 2	8°23'48	3♁53	29♄53	26°58	0♄42	24°41	18° 4	21°24	3°52	10°22	24°22	23°58	12°37	8°34
S 30	8 33 59	9°24'43	16° 7	28°52	28°10	1°25	24°48	18° 4	21°23	3°54	10°22	24°17	23°55	12°43	8°38
S 31	8 37 55	10♁25'37	28♄33	27♄58	29♁21	2♄ 9	24♃56	18♄ 4	21♂I21	3♃55	10♂23	24♃15	23♃52	12♃50	8♁41

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	23s 5	2s12	4s33	22s44	1s54	16s 8	2n51	22s 8	0s 5	16s55	0n59	4s37	2n26	23n22	0n 8	0n 1	1s27	0s17	16s 1	19s27	19s 8	13n 7	4s 8	5n 8
S 2	23 0	6 30	3 56	22 12	1 49	16 25	2 50	22 15	0 6	16 57	0 59	4 38	2 26	23 22	0 8	0 1	1 27	0 17	16 1	19 27	19 8	13 5	4 7	5 7
S 3	22 55	10 37	3 7	21 58	1 43	16 41	2 49	22 21	0 6	17 0	0 59	4 38	2 26	23 22	0 8	0 1	1 27	0 16	16 1	19 27	19 7	13 3	4 6	5 7
M 4	22 49	14 23	2 7	21 33	1 36	16 58	2 48	22 27	0 7	17 3	0 59	4 39	2 26	23 22	0 8	0 2	1 27	0 16	16 0	19 27	19 6	13 1	4 6	5 7
T 5	22 43	17 32	0 59	21 7	1 29	17 14	2 47	22 33	0 8	17 5	1 0	4 40	2 27	23 22	0 8	0 2	1 27	0 16	16 0	19 27	19 5	12 59	4 5	5 6
W 6	22 37	19 50	0n15	20 41	1 20	17 29	2 46	22 39	0 8	17 8	1 0	4 40	2 27	23 22	0 8	0 2	1 27	0 16	16 0	19 27	19 4	12 57	4 4	5 6
T 7	22 30	20 59	1 30	20 13	1 11	17 45	2 44	22 45	0 9	17 10	1 0	4 41	2 27	23 22	0 8	0 3	1 27	0 16	15 59	19 27	19 4	12 55	4 4	5 6
F 8	22 22	20 45	2 42	19 46	1 0	18 0	2 43	22 50	0 10	17 13	1 0	4 41	2 27	23 22	0 8	0 3	1 27	0 15	15 59	19 26	19 3	12 53	4 3	5 5
S 9	22 14	19 4	3 44	19 18	0 49	18 14	2 41	22 55	0 10	17 15	1 0	4 42	2 28	23 21	0 8	0 3	1 27	0 15	15 59	19 25	19 2	12 51	4 2	5 5
S 10	22 6	16 1	4 31	18 50	0 36	18 29	2 40	23 0	0 11	17 18	1 0	4 42	2 28	23 21	0 8	0 4	1 27	0 15	15 58	19 23	19 1	12 49	4 1	5 5
M11	21 57	11 53	4 59	18 23	0 22	18 43	2 38	23 5	0 12	17 20	1 0	4 43	2 28	23 21	0 8	0 4	1 27	0 15	15 58	19 21	19 1	12 47	4 0	5 5
T 12	21 48	7 3	5 5	17 56	0 8	18 56	2 36	23 10	0 12	17 23	1 0	4 43	2 29	23 21	0 8	0 5	1 27	0 15	15 57	19 19	19 0	12 45	4 0	5 4
W13	21 38	1 53	4 51	17 31	0n 8	19 9	2 34	23 14	0 13	17 25	1 0	4 44	2 29	23 21	0 8	0 5	1 27	0 14	15 57	19 17	18 59	12 43	3 59	5 4
T 14	21 28	3n15	4 19	17 7	0 24	19 22	2 32	23 18	0 14	17 27	1 0	4 44	2 29	23 21	0 8	0 5	1 27	0 14	15 57	19 16	18 58	12 41	3 58	5 4
F 15	21 18	8 3	3 32	16 45	0 42	19 34	2 30	23 22	0 15	17 30	1 0	4 44	2 29	23 21	0 8	0 6	1 27	0 14	15 57	19 16	18 58	12 39	3 57	5 4
S 16	21 7	12 19	2 35	16 26	0 59	19 46	2 28	23 25	0 15	17 32	1 0	4 44	2 30	23 21	0 8	0 6	1 27	0 14	15 56	19 15	18 57	12 37	3 56	5 3
S 17	20 56	15 51	1 31	16 9	1 18	19 57	2 25	23 29	0 16	17 34	1 1	4 45	2 30	23 20	0 8	0 7	1 27	0 13	15 56	19 15	18 56	12 35	3 55	5 3
M18	20 44	18 32	0 24	15 55	1 36	20 8	2 23	23 32	0 17	17 36	1 1	4 45	2 30	23 20	0 9	0 7	1 27	0 13	15 56	19 16	18 55	12 33	3 54	5 3
T 19	20 32	20 16	0s43	15 45	1 55	20 18	2 20	23 35	0 17	17 38	1 1	4 45	2 31	23 20	0 9	0 8	1 27	0 13	15 55	19 16	18 54	12 31	3 53	5 3
W20	20 19	20 59	1 46	15 38	2 12	20 28	2 18	23 38	0 18	17 40	1 1	4 45	2 31	23 20	0 9	0 8	1 27	0 12	15 55	19 15	18 54	12 29	3 52	5 2
T 21	20 6	20 43	2 43	15 34	2 29	20 36	2 15	23 40	0 19	17 42	1 1	4 45	2 31	23 20	0 9	0 9	1 26	0 12	15 55	19 14	18 53	12 27	3 51	5 2
F 22	19 53	19 31	3 33	15 33	2 45	20 48	2 13	23 42	0 20	17 44	1 1	4 45	2 31	23 20	0 9	0 9	1 26	0 12	15 54	19 12	18 52	12 25	3 50	5 2
S 23	19 40	17 27	4 13	15 36	2 59	20 55	2 10	23 45	0 20	17 46	1 1	4 45	2 32	23 20	0 9	0 10	1 26	0 12	15 54	19 10	18 51	12 23	3 49	5 2
S 24	19 26	14 40	4 41	15																				

SWISS EPHEMERIS for the year 1864

FEBRUARY 1864

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Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♆	♅	♁	♁	♁	♁	♁
M 1	8 41 52	11 ^h 26'30"	11 ^m 18"	27°R12	0 ^h 33'	2 ^h 53'	25 ^m 3	18°R 3	21°R20	3 ^h 57'	10 ^h 23'	24°D14	23 ^m 49"	12 ^h 57'	8 ^h 45'
T 2	8 45 48	12°27'23"	24°25'	26 ^h 35'	1°44'	3°36'	25°10'	18 ^h 3	21 ^m 18"	3°58'	10°23'	24°R15	23°45'	13° 4'	8°48'
W 3	8 49 45	13°28'14"	7 ^h 58'	26° 6'	2°56'	4°20'	25°17'	18° 2'	21°17'	4° 0'	10°23'	24 ^m 14"	23°42'	13°10'	8°52'
T 4	8 53 42	14°29'05"	22° 0'	25°45'	4° 7'	5° 4'	25°23'	18° 1'	21°16'	4° 2'	10°23'	24°12'	23°39'	13°17'	8°55'
F 5	8 57 38	15°29'55"	6 ^h 30'	25°33'	5°19'	5°48'	25°30'	18° 0'	21°15'	4° 3'	10°23'	24° 7'	23°36'	13°24'	8°59'
S 6	9 1 35	16°30'44"	21°26'	25°D29	6°31'	6°31'	25°36'	17°59'	21°14'	4° 5'	10°24'	23°59'	23°33'	13°30'	9° 3'
S 7	9 5 31	17°31'32"	6 ^h 40'	25°32'	7°43'	7°15'	25°43'	17°58'	21°12'	4° 7'	10°24'	23°49'	23°30'	13°37'	9° 6'
M 8	9 9 28	18°32'18"	22° 2'	25°42'	8°54'	7°59'	25°49'	17°57'	21°11'	4° 8'	10°24'	23°37'	23°26'	13°44'	9°10'
T 9	9 13 24	19°33'03"	7 ^h 20'	25°59'	10° 6'	8°43'	25°55'	17°56'	21°10'	4°10'	10°25'	23°25'	23°23'	13°51'	9°14'
W10	9 17 21	20°33'47"	22°22'	26°21'	11°18'	9°27'	26° 0'	17°55'	21° 9'	4°12'	10°25'	23°15'	23°20'	13°57'	9°17'
T 11	9 21 17	21°34'29"	7 ^h 0'	26°50'	12°30'	10°11'	26° 6'	17°53'	21° 8'	4°13'	10°25'	23° 7'	23°17'	14° 4'	9°21'
F 12	9 25 14	22°35'09"	21°10'	27°23'	13°43'	10°55'	26°12'	17°51'	21° 8'	4°15'	10°26'	23° 2'	23°14'	14°11'	9°25'
S 13	9 29 10	23°35'48"	4 ^h 49'	28° 1'	14°55'	11°39'	26°17'	17°50'	21° 7'	4°17'	10°26'	23° 0'	23°10'	14°17'	9°29'
S 14	9 33 7	24°36'25"	18° 0'	28°43'	16° 7'	12°23'	26°22'	17°48'	21° 6'	4°19'	10°27'	22°59'	23° 7'	14°24'	9°33'
M15	9 37 4	25°37'01"	0 ^h 46'	29°29'	17°19'	13° 7'	26°27'	17°46'	21° 5'	4°21'	10°27'	22°59'	23° 4'	14°31'	9°36'
T 16	9 41 0	26°37'34"	13°12'	0 ^h 19'	18°31'	13°51'	26°32'	17°44'	21° 5'	4°23'	10°28'	22°59'	23° 1'	14°38'	9°40'
W17	9 44 57	27°38'06"	25°24'	1°12'	19°44'	14°35'	26°37'	17°42'	21° 4'	4°24'	10°28'	22°56'	22°58'	14°44'	9°44'
T 18	9 48 53	28°38'36"	7 ^h 25'	2° 9'	20°56'	15°20'	26°41'	17°40'	21° 3'	4°26'	10°29'	22°51'	22°55'	14°51'	9°48'
F 19	9 52 50	29°39'04"	19°19'	3° 8'	22° 8'	16° 4'	26°45'	17°38'	21° 3'	4°28'	10°29'	22°43'	22°51'	14°58'	9°52'
S 20	9 56 46	0 ^h 39'31"	1 ^h 11'	4°10'	23°21'	16°48'	26°49'	17°35'	21° 2'	4°30'	10°30'	22°32'	22°48'	15° 5'	9°56'
S 21	10 0 43	1°39'55"	13° 3'	5°14'	24°33'	17°32'	26°53'	17°33'	21° 2'	4°32'	10°30'	22°19'	22°45'	15°11'	9°59'
M22	10 4 39	2°40'18"	24°56'	6°20'	25°46'	18°17'	26°57'	17°30'	21° 2'	4°34'	10°31'	22° 4'	22°42'	15°18'	10° 3'
T 23	10 8 36	3°40'39"	6 ^h 52'	7°29'	26°58'	19° 1'	27° 1'	17°28'	21° 1'	4°36'	10°31'	21°50'	22°39'	15°25'	10° 7'
W24	10 12 33	4°40'59"	18°52'	8°40'	28°11'	19°45'	27° 4'	17°25'	21° 1'	4°38'	10°32'	21°36'	22°36'	15°31'	10°11'
T 25	10 16 29	5°41'16"	0 ^h 57'	9°52'	29°23'	20°30'	27° 8'	17°22'	21° 1'	4°40'	10°33'	21°25'	22°32'	15°38'	10°15'
F 26	10 20 26	6°41'33"	13°10'	11° 7'	0 ^h 36'	21°14'	27°11'	17°19'	21° 1'	4°42'	10°33'	21°17'	22°29'	15°45'	10°19'
S 27	10 24 22	7°41'47"	25°31'	12°23'	1°49'	21°58'	27°14'	17°16'	21° 1'	4°44'	10°34'	21°11'	22°26'	15°52'	10°23'
S 28	10 28 19	8°42'00"	8 ^m 3"	13°41'	3° 1'	22°43'	27°17'	17°13'	21°D 1	4°46'	10°35'	21° 8'	22°23'	15°58'	10°26'
M29	10 32 15	9 ^h 42'12"	20 ^m 50"	15 ^h 00'	4 ^h 14'	23 ^h 27'	27 ^m 19"	17 ^h 10'	21 ^m 11"	4 ^h 49'	10 ^h 35'	21°D 8	22 ^m 20"	16 ^h 5	10 ^h 30

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	17s22	16s18	1s 8	17s24	3n24	21s44	1n43	23s52	0s27	18s 2	1n 2	4s43	2n34	23n19	0n 9	0n15	1s26	0s 8	15s51	18s51	18s44	12n 5	3s40	5n 0		
T 2	17 5 18 52	0n 1	17 38	3 16	21 47	1 40	23 52	0 28	18 4	1 2	4 42	2 34	23 19	0 9	0 16	1 26	0 8	15 50	18 51	18 43	12 3	3 38	5 0			
W 3	16 47 20 28	1 12	17 52	3 8	21 49	1 36	23 51	0 28	18 5	1 2	4 42	2 35	23 19	0 9	0 16	1 26	0 8	15 50	18 51	18 43	12 1	3 37	5 0			
T 4	16 30 20 52	2 21	18 5	2 58	21 50	1 33	23 51	0 29	18 7	1 3	4 41	2 35	23 19	0 9	0 17	1 26	0 7	15 50	18 50	18 42	11 59	3 36	4 59			
F 5	16 12 19 55	3 23	18 18	2 48	21 51	1 30	23 49	0 30	18 8	1 3	4 40	2 35	23 19	0 9	0 18	1 26	0 7	15 49	18 49	18 41	11 57	3 35	4 59			
S 6	15 54 17 34	4 14	18 29	2 37	21 51	1 26	23 48	0 31	18 10	1 3	4 40	2 36	23 18	0 9	0 19	1 26	0 6	15 49	18 47	18 40	11 55	3 34	4 59			
S 7	15 35 13 59	4 47	18 40	2 25	21 51	1 23	23 47	0 31	18 11	1 3	4 39	2 36	23 18	0 9	0 19	1 26	0 6	15 49	18 44	18 40	11 53	3 32	4 59			
M 8	15 17 9 26	5 0	18 50	2 14	21 50	1 20	23 45	0 32	18 12	1 3	4 38	2 36	23 18	0 9	0 20	1 26	0 6	15 48	18 41	18 39	11 51	3 31	4 59			
T 9	14 58 4 19	4 51	18 58	2 2	21 48	1 16	23 43	0 33	18 13	1 3	4 38	2 36	23 18	0 9	0 21	1 26	0 5	15 48	18 39	18 38	11 49	3 30	4 59			
W10	14 39 1n 0	4 23	19 6	1 50	21 46	1 13	23 41	0 34	18 15	1 3	4 37	2 37	23 18	0 9	0 21	1 26	0 5	15 48	18 36	18 37	11 47	3 29	4 58			
T 11	14 19 6 6	3 37	19 12	1 38	21 43	1 9	23 38	0 34	18 16	1 3	4 36	2 37	23 18	0 9	0 22	1 26	0 4	15 47	18 34	18 36	11 45	3 27	4 58			
F 12	14 0 10 44	2 40	19 17	1 26	21 39	1 6	23 35	0 35	18 17	1 3	4 35	2 37	23 18	0 9	0 23	1 26	0 4	15 47	18 33	18 36	11 43	3 26	4 58			
S 13	13 40 14 37	1 35	19 21	1 15	21 35	1 2	23 32	0 36	18 18	1 4	4 34	2 37	23 18	0 9	0 24	1 26	0 3	15 47	18 32	18 35	11 41	3 25	4 58			
S 14	13 20 17 38	0 26	19 24	1 3	21 30	0 59	23 29	0 37	18 19	1 4	4 34	2 38	23 18	0 9	0 24	1 26	0 3	15 46	18 32	18 34	11 39	3 24	4 58			
M15	12 59 19 39	0s41	19 26	0 52	21 25	0 56	23 26	0 37	18 20	1 4	4 33	2 38	23 18	0 9	0 25	1 26	0 3	15 46	18 32	18 33	11 37	3 22	4 58			
T 16	12 39 20 40	1 45	19 26	0 41	21 19	0 52	23 22	0 38	18 21	1 4	4 32	2 38	23 18	0 9	0 26	1 26	0 2	15 46	18 32	18 32	11 35	3 21	4 58			
W17	12 18 20 40	2 42	19 25	0 30	21 12	0 49	23 18	0 39	18 22	1 4	4 31	2 38	23 18	0 9	0 27	1 26	0 2	15 45	18 31	18 32	11 33	3 20	4 58			
T 18	11 57 19 44	3 32	19 23	0 19	21 5	0 45	23 14	0 40	18 23	1 4	4 30	2 39	23 18	0 9	0 27	1 26	0 1	15 45	18 30	18 31	11 31	3 18	4 57			
F 19	11 36 17 55	4 11	19 20	0 9	20 57	0 42	23 10	0 40	18 24	1 4	4 28	2 39	23 18	0 9	0 28	1 26	0 1	15 45	18 28	18 30	11 29	3 17	4 57			
S 20	11 15 15 22	4 40	19 15	0s 1	20 49	0 38	23 5	0 41	18 25	1 5	4 27	2 39	23 18	0 9	0 29	1 26	0 0	15 44	18 25	18 29	11 27	3 16	4 57			
S 21	10 53 12 11	4 56	19 9	0 11	20 39	0 35	23 0	0 42	18 26	1 5	4 26	2 39	23 18	0 9	0 30	1 26	0n 0	15 44	18 22	18 28	11 25	3 14	4 57			
M22	10 32 8 31	4 59	19 1	0 20	20 30	0 31	22 55	0 43	18 26	1 5	4 25	2 40	23 18	0 9	0 31	1 26	0 1	15 44	18 18	18 28	11 23	3 13	4 57			
T 23	10 10 4 31	4 50	18 53	0 29	20 19	0 28	22 50	0 44	18 27	1 5	4 24	2 40	23 18	0 9	0 31	1 26	0 1	15 43	18 14	18 27	11 21	3 12	4 57			
W24	9 48 0 19	4 27	18 43	0 38	20 9	0 24	22 44	0 44	18 28	1 5	4 23	2 40	23 18	0 9	0 32	1 26	0 2	15 43	18 11	18 26						

SWISS EPHEMERIS for the year 1864

MARCH 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♄	♅	♆	♇
T 1	10 36 12	10 ^h 42'22"	3 ^m 55"	16 ^s 21"	5 ^s 27"	24 ^m 12"	27 ^m 22"	17°R 7	21 ^h 11	1	4 ^m 51"	10 ^s 36"	21 ^m 8"	22 ^m 16"	16 ^s 12"	10 ^s 34"
W 2	10 40 8	11°42'30	17°21	17°43	6°40	24°57	27°24	17 ^h 4	21° 1	4°53	10°37	21°R 8	22°13	16°18	10°38	
T 3	10 44 5	12°42'37	1 ^h 12	19° 7	7°53	25°41	27°26	17° 0	21° 1	4°55	10°38	21° 7	22°10	16°25	10°42	
F 4	10 48 2	13°42'43	15°27	20°32	9° 5	26°26	27°28	16°57	21° 1	4°57	10°39	21° 3	22° 7	16°32	10°46	
S 5	10 51 58	14°42'47	0 ^m 6"	21°58	10°18	27°10	27°29	16°53	21° 2	4°59	10°39	20°57	22° 4	16°39	10°50	
S 6	10 55 55	15°42'49	15° 4	23°25	11°31	27°55	27°31	16°50	21° 2	5° 1	10°40	20°49	22° 1	16°45	10°54	
M 7	10 59 51	16°42'49	0 ^h 13	24°54	12°44	28°40	27°32	16°46	21° 2	5° 4	10°41	20°39	21°57	16°52	10°58	
T 8	11 3 48	17°42'48	15°22	26°24	13°57	29°24	27°33	16°43	21° 3	5° 6	10°42	20°29	21°54	16°59	11° 1	
W 9	11 7 44	18°42'45	0 ^m 22"	27°56	15°10	0 ^s 9"	27°34	16°39	21° 3	5° 8	10°43	20°20	21°51	17° 6	11° 5	
T 10	11 11 41	19°42'39	15° 3	29°28	16°23	0°54	27°35	16°35	21° 4	5°10	10°44	20°13	21°48	17°12	11° 9	
F 11	11 15 37	20°42'32	29°19	1 ^h 2	17°36	1°39	27°35	16°31	21° 4	5°12	10°45	20° 9	21°45	17°19	11°13	
S 12	11 19 34	21°42'22	13 ^h 8	6	2°37	18°49	2°23	27°36	16°27	21° 5	5°15	10°46	20° 7	21°41	17°26	11°17
S 13	11 23 31	22°42'11	26°25	4°13	20° 2	3° 8	27°R36	16°23	21° 6	5°17	10°47	20°D 7	21°38	17°32	11°21	
M14	11 27 27	23°41'57	9 ^h 18	5°50	21°15	3°53	27°36	16°19	21° 7	5°19	10°48	20° 8	21°35	17°39	11°24	
T 15	11 31 24	24°41'40	21°48	7°29	22°28	4°38	27°36	16°15	21° 7	5°21	10°48	20°R 8	21°32	17°46	11°28	
W16	11 35 20	25°41'22	4 ^h 2	9° 9	23°41	5°23	27°35	16°11	21° 8	5°23	10°49	20° 8	21°29	17°53	11°32	
T 17	11 39 17	26°41'01	16° 4	10°50	24°54	6° 8	27°35	16° 7	21° 9	5°26	10°51	20° 6	21°26	17°59	11°36	
F 18	11 43 13	27°40'38	27°58	12°32	26° 7	6°52	27°34	16° 2	21°10	5°28	10°52	20° 2	21°22	18° 6	11°40	
S 19	11 47 10	28°40'13	9 ^h 49	14°15	27°20	7°37	27°33	15°58	21°11	5°30	10°53	19°55	21°19	18°13	11°43	
S 20	11 51 6	29°39'45	21°41	16° 0	28°34	8°22	27°32	15°54	21°12	5°32	10°54	19°47	21°16	18°19	11°47	
M21	11 55 3	0 ^m 39'15	3 ^h 36	17°46	29°47	9° 7	27°30	15°49	21°13	5°35	10°55	19°37	21°13	18°26	11°51	
T 22	11 59 0	1°38'43	15°37	19°33	1 ^h 0	9°52	27°29	15°45	21°15	5°37	10°56	19°28	21°10	18°33	11°55	
W23	12 2 56	2°38'09	27°46	21°22	2°13	10°37	27°27	15°40	21°16	5°39	10°57	19°19	21° 7	18°40	11°58	
T 24	12 6 53	3°37'33	10 ^h 2	23°12	3°26	11°22	27°25	15°36	21°17	5°42	10°58	19°12	21° 3	18°46	12° 2	
F 25	12 10 49	4°36'55	22°29	25° 3	4°39	12° 7	27°23	15°31	21°18	5°44	10°59	19° 6	21° 0	18°53	12° 6	
S 26	12 14 46	5°36'15	5 ^h 5	26°56	5°52	12°52	27°21	15°27	21°20	5°46	11° 0	19° 3	20°57	19° 0	12° 9	
S 27	12 18 42	6°35'33	17°53	28°50	7° 6	13°37	27°19	15°22	21°21	5°48	11° 1	19°D 2	20°54	19° 7	12°13	
M28	12 22 39	7°34'49	0 ^m 53	0 ^m 45	8°19	14°22	27°16	15°18	21°23	5°51	11° 3	19° 3	20°51	19°13	12°16	
T 29	12 26 35	8°34'04	14° 8	2°41	9°32	15° 7	27°13	15°13	21°24	5°53	11° 4	19° 4	20°47	19°20	12°20	
W30	12 30 32	9°33'16	27°39	4°39	10°45	15°52	27°10	15° 9	21°26	5°55	11° 5	19° 6	20°44	19°27	12°24	
T 31	12 34 28	10°32'27	11 ^h 26	6°38	11 ^h 59	16°38	27 ^m 7	15 ^h 4	21 ^h 27	5°57	11 ^h 6	19°R 6	20 ^m 41	19°23	12 ^h 27	

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♄	♅	♆	♇									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	7s33	19s51	1n 7	17s16	1s23	18s51	0n 4	22s 6	0s49	18s31	1n 6	4s15	2n41	23n18	0n 9	0n37	1s25	0n 5	15s41	18s 3	18s21	11n 6	3s 2	4n56
W 2	7 11 20	37 2 15	16 57	1 29	18 36	0 1	21 58	0 50	18 31	1 6	4 13	2 42	23 18	0 9	0 38	1 25	0 5	15 41	18 3	18 20	11 4	3 1	4 56	
T 3	6 48 20	11 3	16 36	1 35	18 21	0s 2	21 51	0 51	18 32	1 6	4 12	2 42	23 18	0 9	0 39	1 25	0 6	15 41	18 3	18 19	11 2	2 59	4 56	
F 4	6 25 18	28 4	7 16	14 4	18 5	0 6	21 43	0 51	18 32	1 6	4 10	2 42	23 18	0 9	0 40	1 25	0 6	15 40	18 2	18 19	11 0	2 58	4 56	
S 5	6 1 15	31 4	4 43	15 51	1 45	17 49	0 9	21 35	0 52	18 32	1 6	4 9	2 42	23 18	0 9	0 41	1 25	0 7	15 40	18 0	18 18	10 58	2 56	4 56
S 6	5 38 11	31 5	1 15	27 1	50 17	32 0	12 21	27 0	53 18	32 1	7 4	7 2	42 23	18 0	9 0	41 1	25 0	7 15	40 17	58 18	17 10	56 2	55 4	56 4
M 7	5 15 6	44 4	59 15	2 1	54 17	14 0	15 21	19 0	54 18	32 1	7 4	6 2	42 23	18 0	9 0	42 1	25 0	8 15	39 17	56 18	16 10	54 2	53 4	56 4
T 8	4 52 1	32 4	35 14	35 1	58 16	56 0	18 21	11 0	55 18	33 1	7 4	4 2	43 23	18 0	9 0	43 1	25 0	8 15	39 17	53 18	15 10	52 2	52 4	56 4
W 9	4 28 3n42	3 53	14 7	2 2	16 38	0 21	21 2	0 55	18 33	1 7	4 2	2 43	23 18	0 9	0 44	1 25	0 9	15 39	17 51	18 14	10 50	2 51	4 56	
T 10	4 5 8	38 2	56 13	37 2	5 16	19 0	24 20	53 0	56 18	33 1	7 4	1 2	43 23	18 0	9 0	45 1	25 0	9 15	39 17	49 18	14 10	48 2	49 4	56 4
F 11	3 41 12	56 1	49 13	6 2	8 16	0 0	27 20	44 0	57 18	33 1	7 3	5 9	2 43	23 18	0 9	0 46	1 25	0 10	15 38	17 48	18 13	10 46	2 48	4 56
S 12	3 17 16	23 0	37 12	34 2	10 15	40 0	30 20	35 0	58 18	33 1	7 3	5 8	2 43	23 18	0 9	0 47	1 25	0 10	15 38	17 47	18 12	10 44	2 46	4 56
S 13	2 54 18	49 0s34	12 1	2 12	15 20	0 33	20 25	0 58	18 33	1 7	3 56	2 43	23 18	0 9	0 48	1 25	0 11	15 38	17 47	18 11	10 42	2 45	4 56	
M14	2 30 20	12 1	41 11	27 2	14 14	59 0	35 20	15 0	59 18	32 1	8 3	5 4	2 44	23 18	0 9	0 49	1 25	0 11	15 38	17 47	18 10	10 40	2 43	4 56
T 15	2 7 20	31 2	41 10	51 2	15 14	38 0	38 20	5 1	0 18	32 1	8 3	5 2	2 44	23 18	0 9	0 49	1 25	0 12	15 37	17 47	18 10	10 38	2 42	4 56
W16	1 43 19	51 3	33 10	14 2	15 14	17 0	41 19	55 1	1 18	32 1	8 3	5 1	2 44	23 18	0 9	0 50	1 25	0 13	15 37	17 47	18 9	10 35	2 41	4 56
T 17	1 19 18	17 4	14 9	36 2	16 13	55 0	43 19	45 1	2 18	32 1	8 3	4 9	2 44	23 18	0 9	0 51	1 25	0 13	15 37	17 47	18 8	10 33	2 39	4 56
F 18	0 55 15	56 4	44 8	57 2	15 13	32 0	46 19	34 1	2 18	32 1	8 3	4 7	2 44	23 18	0 9	0 52	1 25	0 14	15 37	17 46	18 7	10 31	2 38	4 56
S 19	0 32 12	57 5	2 8	16 2	14 13	10 0	49 19	24 1	3 18	31 1	8 3	4 6	2 44	23 18	0 9	0 53	1 25	0 14	15 36	17 44	18 6	10 29	2 36	4 56
S 20	0 8 9	27 5	6 7	34 2	13 12	47 0	51 19	13 1	4 18	31 1	8 3	4 4	2 44	23 18	0 9	0 54	1 25	0 15	15 36	17 42	18 5	10 27	2 35	4 56
M21	0n16	5 34	4 57	6 51	2 12	12 23	0 53	19 2	1 5	18 30	1 8	3 42	2 44	23 19	0 9	0 55	1 25	0 15	15 36	17 39	18 5	10 25	2 33	4 56
T 22	0 39 1	26 4	35 6	7 2	9 12	0 0	56 18	50 1	5 18	30 1	9 3	4 0	2 44	23 19	0 9	0 56	1 25	0 16	15 36	17 36	18 4	10 23	2 32	4 56
W23	1 3 2s47	4 1	5 22	2 7	11 36	0 58	18 39	1 6	18 29	1 9	3 38	2 45	23 19	0 9	0 57	1 25	0 16	15 35	17 34	18 3	10 21	2 30	4 56	
T 24	1 27 6	58 3	15 4	36 2	3 11	11 1	0 18	27 1	7 18	29 1	9 3	3 7	2 45	23 19	0 9	0 57	1 25	0 17	15 35	17 32	18 2	10 19	2 29	4 56
F 25	1 50 10	54 2	19 3	48 2	0 10	47 1	2 18	15 1	8 18	28 1	9 3	3 5	2 45	23 19	0 9	0 58	1 25	0 17	15 35	17 31	18 1	10 17	2 28	4 56
S 26	2 14 14	24 1	15 2	59 1	5 6	10 22	1 5	18 3	1 9	18 28	1 9	3 33	2 45	23 19	0 9	0 59	1 25	0 18	15 35	17 30	18 0	10 15	2 26	4 56
S 27	2 37 17	16 0	6 2	10 1	51 9	57 1	7 17	51 1	9 18	27 1	9 3	3 1	2 45	23 19	0 9	1 0	1 25	0 18	15 35	17 30	18 0	10 13	2 25	4 57
M28	3 1 19	19 1n 4	1 19	1 46	9 31	1 9	17 39	1 10	18 26	1 9	3 29	2 45	23 19	0 9	1 1	1 25	0 19	15 3						

SWISS EPHEMERIS for the year 1864

APRIL 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂
F 1	12 38 25	11°31'36	25°32	8°38	13°12	17°23	27°R 4	14°R59	21°II29	6°V 0	11°B 7	19°R 5	20°M38	19°L40	12°K31
S 2	12 42 22	12°30'44	9°54	10°40	14°25	18° 8	27°M 0	14°L55	21°31	6° 2	11° 8	19°M 3	20°35	19°47	12°34
S 3	12 46 18	13°29'49	24°30	12°42	15°38	18°53	26°57	14°50	21°33	6° 4	11°10	18°59	20°32	19°54	12°38
M 4	12 50 15	14°28'53	9°K14	14°45	16°52	19°38	26°53	14°45	21°34	6° 7	11°11	18°54	20°28	20° 0	12°41
T 5	12 54 11	15°27'55	24° 0	16°50	18° 5	20°23	26°49	14°41	21°36	6° 9	11°12	18°49	20°25	20° 7	12°44
W 6	12 58 8	16°26'55	8°V40	18°54	19°18	21° 8	26°45	14°36	21°38	6°11	11°13	18°44	20°22	20°14	12°48
T 7	13 2 4	17°25'53	23° 7	21° 0	20°31	21°54	26°40	14°31	21°40	6°13	11°15	18°41	20°19	20°20	12°51
F 8	13 6 1	18°24'49	7°B14	23° 5	21°45	22°39	26°36	14°27	21°42	6°15	11°16	18°39	20°16	20°27	12°54
S 9	13 9 57	19°23'43	20°59	25°11	22°58	23°24	26°31	14°22	21°44	6°18	11°17	18°D38	20°13	20°34	12°58
S 10	13 13 54	20°22'35	4°II19	27°16	24°11	24° 9	26°26	14°18	21°46	6°20	11°18	18°39	20° 9	20°41	13° 1
M11	13 17 51	21°21'24	17°16	29°21	25°25	24°54	26°21	14°13	21°48	6°22	11°20	18°41	20° 6	20°47	13° 4
T 12	13 21 47	22°20'12	29°51	1°B25	26°38	25°39	26°16	14° 8	21°50	6°24	11°21	18°42	20° 3	20°54	13° 7
W13	13 25 44	23°18'57	12°C 9	3°28	27°51	26°25	26°11	14° 4	21°53	6°27	11°22	18°44	20° 0	21° 1	13°11
T 14	13 29 40	24°17'40	24°14	5°29	29° 5	27°10	26° 6	13°59	21°55	6°29	11°24	18°R44	19°57	21° 8	13°14
F 15	13 33 37	25°16'20	6°L10	7°28	0°V18	27°55	26° 0	13°55	21°57	6°31	11°25	18°44	19°53	21°14	13°17
S 16	13 37 33	26°14'58	18° 2	9°25	1°31	28°40	25°54	13°50	22° 0	6°33	11°26	18°42	19°50	21°21	13°20
S 17	13 41 30	27°13'35	29°56	11°20	2°44	29°25	25°49	13°46	22° 2	6°35	11°28	18°40	19°47	21°28	13°23
M18	13 45 26	28°12'09	11°M54	13°12	3°58	0°K10	25°43	13°41	22° 4	6°37	11°29	18°37	19°44	21°34	13°26
T 19	13 49 23	29°10'40	24° 0	15° 1	5°11	0°56	25°37	13°37	22° 7	6°40	11°30	18°33	19°41	21°41	13°29
W20	13 53 20	0°B 9'10	6°L16	16°46	6°24	1°41	25°31	13°33	22° 9	6°42	11°32	18°31	19°38	21°48	13°32
T 21	13 57 16	1° 7'38	18°45	18°28	7°38	2°26	25°24	13°28	22°12	6°44	11°33	18°28	19°34	21°55	13°35
F 22	14 1 13	2° 6'04	1°M27	20° 6	8°51	3°11	25°18	13°24	22°14	6°46	11°34	18°27	19°31	22° 1	13°38
S 23	14 5 9	3° 4'28	14°23	21°40	10° 4	3°56	25°11	13°20	22°17	6°48	11°36	18°D26	19°28	22° 8	13°40
S 24	14 9 6	4° 2'50	27°33	23°10	11°18	4°41	25° 5	13°16	22°19	6°50	11°37	18°26	19°25	22°15	13°43
M25	14 13 2	5° 1'10	10°V56	24°35	12°31	5°26	24°58	13°11	22°22	6°52	11°38	18°27	19°22	22°21	13°46
T 26	14 16 59	5°59'29	24°32	25°56	13°44	6°12	24°51	13° 7	22°25	6°54	11°40	18°28	19°18	22°28	13°49
W27	14 20 55	6°57'47	8°B19	27°13	14°58	6°57	24°45	13° 3	22°27	6°56	11°41	18°29	19°15	22°35	13°51
T 28	14 24 52	7°56'03	22°16	28°25	16°11	7°42	24°38	12°59	22°30	6°58	11°42	18°30	19°12	22°42	13°54
F 29	14 28 49	8°54'17	6°L23	29°33	17°24	8°27	24°31	12°55	22°33	7° 0	11°44	18°R30	19° 9	22°48	13°57
S 30	14 32 45	9°52'30	20°K37	0°II35	18°V38	9°K12	24°M23	12°L51	22°II36	7°V 2	11°B45	18°M30	19°M 6	22°L55	13°K59

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	4n34	16s22	4n45	2n12	1s20	7s46	1s16	16s48	1s13	18s23	1n10	3s22	2n45	23n20	0n 9
S 2	4 57	12 51	5 7	3 7	1 12	7 20	1 17	16 35	1 14	18 22	1 10	3 20	2 45	23 20	0 9
S 3	5 20	8 30	5 10	4 3	1 4	6 53	1 19	16 21	1 15	18 21	1 10	3 19	2 45	23 20	0 9
M 4	5 43	3 36	4 52	4 59	0 55	6 26	1 20	16 8	1 15	18 20	1 10	3 17	2 45	23 20	0 9
T 5	6 6	1n31	4 15	5 55	0 46	5 58	1 22	15 54	1 16	18 19	1 10	3 15	2 45	23 20	0 9
W 6	6 28	6 31	3 21	6 51	0 36	5 31	1 23	15 40	1 17	18 18	1 10	3 13	2 45	23 20	0 9
T 7	6 51	11 5	2 15	7 48	0 26	5 3	1 25	15 27	1 18	18 17	1 10	3 11	2 45	23 20	0 9
F 8	7 13	14 55	1 2	8 44	0 16	4 35	1 26	15 12	1 18	18 16	1 10	3 10	2 45	23 20	0 9
S 9	7 36	17 48	0s13	9 40	0 5	4 7	1 27	14 58	1 19	18 15	1 10	3 8	2 45	23 21	0 9
S 10	7 58	19 38	1 25	10 36	0n 6	3 39	1 28	14 44	1 20	18 14	1 10	3 6	2 45	23 21	0 9
M11	8 20	20 21	2 31	11 31	0 17	3 11	1 29	14 30	1 20	18 13	1 10	3 4	2 45	23 21	0 9
T 12	8 42	20 0	3 27	12 24	0 28	2 43	1 30	14 15	1 21	18 11	1 10	3 2	2 45	23 21	0 9
W13	9 4	18 42	4 13	13 17	0 39	2 15	1 31	14 0	1 22	18 10	1 10	3 1	2 45	23 21	0 9
T 14	9 26	16 35	4 46	14 9	0 50	1 46	1 32	13 45	1 23	18 9	1 11	2 59	2 45	23 21	0 9
F 15	9 47	13 47	5 7	14 58	1 1	1 18	1 32	13 31	1 23	18 8	1 11	2 57	2 45	23 21	0 9
S 16	10 8	10 27	5 14	15 46	1 12	0 49	1 33	13 15	1 24	18 6	1 11	2 56	2 45	23 22	0 9
S 17	10 30	6 41	5 8	16 32	1 22	0 20	1 33	13 0	1 25	18 5	1 11	2 54	2 45	23 22	0 9
M18	10 51	2 39	4 49	17 16	1 32	0n 8	1 34	12 45	1 25	18 3	1 11	2 52	2 45	23 22	0 9
T 19	11 11	1s32	4 17	17 58	1 42	0 37	1 34	12 30	1 26	18 2	1 11	2 51	2 45	23 22	0 9
W20	11 32	5 44	3 32	18 38	1 51	1 6	1 35	12 14	1 27	18 0	1 11	2 49	2 45	23 22	0 9
T 21	11 52	9 46	2 37	19 15	1 59	1 34	1 35	11 58	1 27	17 59	1 11	2 47	2 45	23 22	0 9
F 22	12 13	13 26	1 32	19 49	2 7	2 3	1 35	11 43	1 28	17 57	1 11	2 46	2 45	23 22	0 9
S 23	12 33	16 31	0 22	20 21	2 14	2 32	1 35	11 27	1 29	17 56	1 11	2 44	2 45	23 23	0 9
S 24	12 53	18 49	0n50	20 50	2 21	3 0	1 35	11 11	1 29	17 54	1 11	2 43	2 44	23 23	0 9
M25	13 12	20 6	2 1	21 17	2 26	3 29	1 35	10 55	1 30	17 53	1 11	2 41	2 44	23 23	0 9
T 26	13 32	20 14	3 7	21 42	2 31	3 58	1 35	10 39	1 31	17 51	1 11	2 40	2 44	23 23	0 9
W27	13 51	19 10	4 2	22 3	2 35	4 26	1 35	10 23	1 31	17 49	1 11	2 38	2 44	23 23	0 9
T 28	14 10	16 56	4 44	22 23	2 37	4 54	1 35	10 7	1 32	17 48	1 11	2 37	2 44	23 23	0 9
F 29	14 29	13 41	5 10	22 40	2 39	5 23	1 35	9 50	1 33	17 46	1 11	2 35	2 44	23 24	0 9
S 30	14n47	9s37	5n16	22n54	2n40	5n51	1s34	9s34	1s33	17s44	1n11	2s34	2n44	23n24	0n 9

Julian Day Number = 2401962.5, Delta T = 6.15 sec
 Ecliptic obliquity = 23°27'20, Nutation = 0°00'13
 Ayanamsha: Fagan/Bradley = 22°50'41, Lahiri = 21°57'41

SWISS EPHEMERIS for the year 1864

MAY 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	14 36 42	10♂50'41	4♁56	1♁33	19♁51	9♁57	24°R16	12°R48	22♁39	7♁ 4	11♁46	18°R29	19♁ 3	23♁ 2	14♁ 2
M 2	14 40 38	11°48'51	19°16	2°26	21° 4	10°42	24♁ 9	12♁44	22°42	7° 6	11°48	18♁29	18°59	23° 9	14° 4
T 3	14 44 35	12°46'59	3♁34	3°14	22°18	11°27	24° 2	12°40	22°44	7° 8	11°49	18°28	18°56	23°15	14° 6
W 4	14 48 31	13°45'06	17°46	3°57	23°31	12°12	23°54	12°37	22°47	7°10	11°51	18°27	18°53	23°22	14° 9
T 5	14 52 28	14°43'12	1♁47	4°35	24°44	12°57	23°47	12°33	22°50	7°12	11°52	18°27	18°50	23°29	14°11
F 6	14 56 24	15°41'15	15°34	5° 8	25°58	13°42	23°39	12°29	22°53	7°14	11°53	18°D27	18°47	23°35	14°13
S 7	15 0 21	16°39'18	29° 4	5°36	27°11	14°27	23°32	12°26	22°56	7°16	11°55	18°27	18°44	23°42	14°16
S 8	15 4 17	17°37'18	12♁15	5°58	28°24	15°12	23°24	12°23	22°59	7°17	11°56	18°27	18°40	23°49	14°18
M 9	15 8 14	18°35'17	25° 8	6°16	29°38	15°57	23°17	12°19	23° 3	7°19	11°57	18°R27	18°37	23°56	14°20
T 10	15 12 11	19°33'15	7♁42	6°28	0♁51	16°42	23° 9	12°16	23° 6	7°21	11°59	18°27	18°34	24° 2	14°22
W 11	15 16 7	20°31'10	20° 1	6°35	2° 4	17°27	23° 2	12°13	23° 9	7°23	12° 0	18°27	18°31	24° 9	14°24
T 12	15 20 4	21°29'04	2♁ 8	6°R37	3°18	18°12	22°54	12°10	23°12	7°25	12° 1	18°27	18°28	24°16	14°26
F 13	15 24 0	22°26'56	14° 6	6°35	4°31	18°57	22°46	12° 7	23°15	7°26	12° 3	18°26	18°24	24°23	14°28
S 14	15 27 57	23°24'46	25°59	6°27	5°45	19°42	22°39	12° 4	23°18	7°28	12° 4	18°D26	18°21	24°29	14°30
S 15	15 31 53	24°22'34	7♁53	6°16	6°58	20°26	22°31	12° 1	23°21	7°30	12° 5	18°27	18°18	24°36	14°32
M 16	15 35 50	25°20'21	19°52	5°59	8°11	21°11	22°23	11°58	23°25	7°32	12° 7	18°27	18°15	24°43	14°34
T 17	15 39 46	26°18'06	2♁ 0	5°40	9°25	21°56	22°16	11°56	23°28	7°33	12° 8	18°28	18°12	24°49	14°35
W 18	15 43 43	27°15'49	14°22	5°16	10°38	22°41	22° 8	11°53	23°31	7°35	12° 9	18°29	18° 9	24°56	14°37
T 19	15 47 40	28°13'31	26°59	4°50	11°51	23°25	22° 1	11°51	23°35	7°36	12°11	18°29	18° 5	25° 3	14°39
F 20	15 51 36	29°11'11	9♁55	4°20	13° 5	24°10	21°53	11°48	23°38	7°38	12°12	18°30	18° 2	25°10	14°40
S 21	15 55 33	0♁ 8'51	23° 9	3°49	14°18	24°54	21°46	11°46	23°41	7°40	12°13	18°R30	17°59	25°16	14°42
S 22	15 59 29	1° 6'28	6♁42	3°16	15°31	25°39	21°38	11°44	23°45	7°41	12°15	18°29	17°56	25°23	14°43
M 23	16 3 26	2° 4'05	20°32	2°43	16°45	26°23	21°31	11°42	23°48	7°43	12°16	18°28	17°53	25°30	14°45
T 24	16 7 22	3° 1'41	4♁35	2° 8	17°58	27° 8	21°23	11°40	23°51	7°44	12°17	18°27	17°50	25°36	14°46
W 25	16 11 19	3°59'15	18°47	1°35	19°11	27°52	21°16	11°38	23°55	7°46	12°18	18°25	17°46	25°43	14°47
T 26	16 15 16	4°56'48	3♁ 5	1° 1	20°25	28°37	21° 9	11°36	23°58	7°47	12°20	18°23	17°43	25°50	14°49
F 27	16 19 12	5°54'21	17°25	0°30	21°38	29°21	21° 1	11°34	24° 2	7°48	12°21	18°21	17°40	25°57	14°50
S 28	16 23 9	6°51'53	1♁42	29♁59	22°52	0♁ 6	20°54	11°32	24° 5	7°50	12°22	18°D21	17°37	26° 3	14°51
S 29	16 27 5	7°49'24	15°54	29°33	24° 5	0°50	20°47	11°31	24° 8	7°51	12°24	18°21	17°34	26°10	14°52
M 30	16 31 2	8°46'54	29°58	29° 8	25°18	1°34	20°40	11°29	24°12	7°52	12°25	18°22	17°30	26°17	14°53
T 31	16 34 58	9♁44'23	13♁54	28♁47	26♁32	2♁18	20♁33	11♁28	24♁15	7♁54	12♁26	18♁23	17♁27	26♁24	14♁54

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	15n 5	5s 0	5n 4	23n 6	2n40	6n19	1s34	9s17	1s34	17s42	1n11	2s33	2n44	23n24	0n 9
M 2	15 23 0	5 4 32	23 16	2 39	6 47	1 33	9 1	1 35	17 41	1 11	2 31	2 44	23 24	0 9	1 30
T 3	15 41 4n50	3 44	23 23	2 37	7 15	1 33	8 44	1 35	17 39	1 11	2 30	2 43	23 24	0 9	1 31
W 4	15 59 9 28	2 42	23 28	2 34	7 43	1 32	8 28	1 36	17 37	1 11	2 29	2 43	23 24	0 9	1 32
T 5	16 16 13 32	1 31	23 31	2 29	8 10	1 31	8 11	1 36	17 35	1 11	2 27	2 43	23 24	0 9	1 32
F 6	16 33 16 46	0 16	23 32	2 24	8 38	1 31	7 54	1 37	17 34	1 11	2 26	2 43	23 25	0 9	1 33
S 7	16 50 19 1	0s59	23 30	2 17	9 5	1 30	7 37	1 38	17 32	1 11	2 25	2 43	23 25	0 9	1 34
S 8	17 6 20 10	2 8	23 27	2 10	9 32	1 29	7 20	1 38	17 30	1 10	2 24	2 43	23 25	0 9	1 35
M 9	17 22 20 12	3 10	23 13	2 1	9 58	1 28	7 3	1 39	17 28	1 10	2 23	2 42	23 25	0 9	1 35
T 10	17 38 19 14	4 0	23 11	1 51	10 25	1 27	6 47	1 39	17 26	1 10	2 22	2 42	23 25	0 9	1 36
W 11	17 53 17 22	4 39	23 4	1 40	10 51	1 26	6 30	1 40	17 24	1 10	2 21	2 42	23 25	0 9	1 37
T 12	18 9 14 45	5 4	22 52	1 28	11 17	1 25	6 12	1 40	17 23	1 10	2 20	2 42	23 26	0 9	1 37
F 13	18 24 11 34	5 16	22 39	1 15	11 43	1 24	5 55	1 41	17 21	1 10	2 19	2 42	23 26	0 9	1 38
S 14	18 38 7 56	5 14	22 24	1 1	12 9	1 22	5 38	1 41	17 19	1 10	2 18	2 42	23 26	0 9	1 39
S 15	18 53 3 59	4 59	22 7	0 46	12 34	1 21	5 21	1 42	17 17	1 10	2 17	2 41	23 26	0 9	1 39
M 16	19 7 0s 8	4 31	21 49	0 31	12 59	1 20	5 4	1 42	17 15	1 10	2 16	2 41	23 26	0 9	1 40
T 17	19 20 4 19	3 50	21 30	0 14	13 24	1 18	4 47	1 43	17 13	1 10	2 15	2 41	23 26	0 9	1 40
W 18	19 34 8 24	2 58	21 9	0s 2	13 48	1 17	4 30	1 43	17 12	1 10	2 14	2 41	23 27	0 9	1 41
T 19	19 47 12 13	1 56	20 48	0 20	14 12	1 15	4 12	1 44	17 10	1 10	2 13	2 41	23 27	0 9	1 42
F 20	19 59 15 33	0 47	20 25	0 37	14 36	1 14	3 55	1 44	17 8	1 9	2 13	2 40	23 27	0 9	1 42
S 21	20 12 18 10	0n26	20 2	0 55	14 59	1 12	3 38	1 45	17 6	1 9	2 12	2 40	23 27	0 9	1 43
S 22	20 24 19 49	1 39	19 39	1 12	15 22	1 11	3 20	1 45	17 4	1 9	2 11	2 40	23 27	0 9	1 43
M 23	20 35 20 19	2 48	19 15	1 29	15 45	1 9	3 3	1 46	17 3	1 9	2 10	2 40	23 27	0 9	1 44
T 24	20 47 19 35	3 48	18 52	1 46	16 7	1 7	2 46	1 46	17 1	1 9	2 10	2 40	23 28	0 9	1 44
W 25	20 58 17 36	4 34	18 29	2 3	16 29	1 5	2 29	1 47	16 59	1 9	2 9	2 39	23 28	0 9	1 45
T 26	21 8 14 32	5 4	18 7	2 19	16 51	1 4	2 11	1 47	16 57	1 9	2 9	2 39	23 28	0 9	1 45
F 27	21 18 10 37	5 15	17 46	2 34	17 12	1 2	1 54	1 48	16 55	1 8	2 8	2 39	23 28	0 9	1 46
S 28	21 28 6 6	5 7	17 26	2 48	17 32	1 0	1 37	1 48	16 54	1 8	2 8	2 39	23 28	0 9	1 46
S 29	21 38 1 16	4 40	17 7	3 1	17 52	0 58	1 20	1 48	16 52	1 8	2 7	2 39	23 28	0 9	1 47
M 30	21 47 3n36	3 56	16 50	3 13	18 12	0 56	1 2	1 49	16 50	1 8	2 7	2 38	23 29	0 9	1 47
T 31	21n56	8n14	2n59	16n35	3s24	18n31	0s54	0s45	1s49	16s49	1n 8	2s 7	2n38	23n29	0n 9

Julian Day Number = 2401992.5, Delta T = 6.12 sec
 Ecliptic obliquity = 23°27'19, Nutation = 0°00'12
 Ayanamsha: Fagan/Bradley = 22°50'45, Lahiri = 21°57'45

SWISS EPHEMERIS for the year 1864

JUNE 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	16 38 55	10II41'52	27V39	28°R29	27♁45	3V 2	20°R27	11°R27	24II19	7V55	12♁27	18M24	17M24	26Ω30	14K55
T 2	16 42 51	11°39'19	11♁13	28♁15	28°59	3°47	20M20	11♁25	24°22	7°56	12°28	18°25	17°21	26°37	14°56
F 3	16 46 48	12°36'47	24°35	28° 5	0II12	4°31	20°13	11°24	24°26	7°57	12°30	18°R25	17°18	26°44	14°57
S 4	16 50 44	13°34'13	7II44	27°59	1°26	5°15	20° 7	11°23	24°29	7°59	12°31	18°24	17°15	26°50	14°58
S 5	16 54 41	14°31'38	20°39	27°D58	2°39	5°59	20° 0	11°22	24°33	8° 0	12°32	18°22	17°11	26°57	14°59
M 6	16 58 38	15°29'03	3♁19	28° 1	3°52	6°42	19°54	11°22	24°37	8° 1	12°33	18°18	17° 8	27° 4	14°59
T 7	17 2 34	16°26'27	15°47	28° 9	5° 6	7°26	19°48	11°21	24°40	8° 2	12°34	18°14	17° 5	27°11	15° 0
W 8	17 6 31	17°23'49	28° 2	28°21	6°19	8°10	19°42	11°20	24°44	8° 3	12°36	18° 9	17° 2	27°17	15° 0
T 9	17 10 27	18°21'11	10♁ 6	28°37	7°33	8°54	19°36	11°20	24°47	8° 4	12°37	18° 4	16°59	27°24	15° 1
F 10	17 14 24	19°18'32	22° 3	28°58	8°46	9°37	19°30	11°19	24°51	8° 5	12°38	18° 0	16°56	27°31	15° 1
S 11	17 18 20	20°15'52	3II56	29°24	10° 0	10°21	19°24	11°19	24°54	8° 6	12°39	17°58	16°52	27°37	15° 2
S 12	17 22 17	21°13'10	15°49	29°54	11°13	11° 4	19°19	11°19	24°58	8° 7	12°40	17°D56	16°49	27°44	15° 2
M13	17 26 14	22°10'28	27°47	0II28	12°27	11°48	19°13	11°D19	25° 2	8° 8	12°41	17°56	16°46	27°51	15° 2
T 14	17 30 10	23° 7'45	9♁54	1° 7	13°40	12°31	19° 8	11°19	25° 5	8° 9	12°42	17°57	16°43	27°58	15° 3
W15	17 34 7	24° 5'01	22°16	1°49	14°54	13°14	19° 3	11°19	25° 9	8°10	12°43	17°59	16°40	28° 4	15° 3
T 16	17 38 3	25° 2'17	4M57	2°36	16° 7	13°58	18°58	11°19	25°12	8°11	12°44	18° 0	16°36	28°11	15° 3
F 17	17 42 0	25°59'32	17°59	3°27	17°21	14°41	18°53	11°19	25°16	8°11	12°45	18°R 1	16°33	28°18	15° 3
S 18	17 45 56	26°56'46	1♁25	4°22	18°34	15°24	18°48	11°20	25°19	8°12	12°46	18° 0	16°30	28°25	15°R 3
S 19	17 49 53	27°53'59	15°16	5°20	19°48	16° 7	18°44	11°20	25°23	8°13	12°47	17°58	16°27	28°31	15° 3
M20	17 53 49	28°51'12	29°28	6°23	21° 1	16°50	18°39	11°21	25°27	8°14	12°49	17°53	16°24	28°38	15° 3
T 21	17 57 46	29°48'25	13♁57	7°29	22°15	17°33	18°35	11°22	25°30	8°14	12°49	17°48	16°21	28°45	15° 3
W22	18 1 43	0♁45'37	28°38	8°39	23°28	18°16	18°31	11°22	25°34	8°15	12°50	17°42	16°17	28°51	15° 3
T 23	18 5 39	1°42'49	13♁22	9°52	24°42	18°58	18°27	11°23	25°37	8°16	12°51	17°35	16°14	28°58	15° 2
F 24	18 9 36	2°40'01	28° 2	11°10	25°55	19°41	18°23	11°24	25°41	8°16	12°52	17°30	16°11	29° 5	15° 2
S 25	18 13 32	3°37'13	12K32	12°30	27° 9	20°23	18°19	11°25	25°44	8°17	12°53	17°26	16° 8	29°12	15° 2
S 26	18 17 29	4°34'25	26°48	13°55	28°23	21° 6	18°16	11°27	25°48	8°17	12°54	17°25	16° 5	29°18	15° 1
M27	18 21 25	5°31'37	10V48	15°23	29°36	21°48	18°13	11°28	25°52	8°18	12°55	17°D24	16° 2	29°25	15° 1
T 28	18 25 22	6°28'49	24°31	16°54	0♁50	22°31	18°10	11°29	25°55	8°18	12°56	17°25	15°58	29°32	15° 0
W29	18 29 18	7°26'01	7♁58	18°29	2° 4	23°13	18° 7	11°31	25°59	8°19	12°57	17°26	15°55	29°38	14°59
T 30	18 33 15	8°23'14	21♁11	20II 7	3♁17	23V55	18M 4	11♁32	26II 2	8V19	12♁58	17°R27	15M52	29Ω45	14K59

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	22n 4	12n23	1n52	16n22	3s33	18n50	0s52	0s28	1s49	16s47	1n 8	2s 6	2n38	23n29	0n 9
T 2	22 12	15 50	0 40	16 11	3 42	19 8	0 50	0 11	1 50	16 45	1 7	2 6	2 38	23 29	0 9
F 3	22 19	18 23	0s34	16 2	3 49	19 26	0 48	0n 6	1 50	16 44	1 7	2 6	2 37	23 29	0 9
S 4	22 27	19 54	1 44	15 55	3 55	19 43	0 45	0 24	1 51	16 42	1 7	2 6	2 37	23 29	0 9
S 5	22 33	20 20	2 48	15 50	3 59	20 0	0 43	0 41	1 51	16 41	1 7	2 6	2 37	23 30	0 9
M 6	22 40	19 43	3 42	15 47	4 3	20 16	0 41	0 58	1 51	16 39	1 7	2 6	2 37	23 30	0 9
T 7	22 46	18 9	4 24	15 46	4 5	20 32	0 39	1 15	1 51	16 38	1 7	2 6	2 36	23 30	0 9
W 8	22 51	15 47	4 53	15 48	4 6	20 47	0 37	1 32	1 52	16 36	1 6	2 6	2 36	23 30	0 9
T 9	22 57	12 45	5 9	15 51	4 7	21 1	0 34	1 49	1 52	16 35	1 6	2 6	2 36	23 30	0 9
F 10	23 1	9 15	5 11	15 57	4 6	21 15	0 32	2 6	1 52	16 34	1 6	2 6	2 36	23 30	0 9
S 11	23 6	5 24	5 0	16 4	4 4	21 28	0 30	2 22	1 53	16 32	1 6	2 6	2 35	23 30	0 9
S 12	23 10	1 21	4 36	16 13	4 1	21 41	0 27	2 39	1 53	16 31	1 6	2 6	2 35	23 31	0 9
M13	23 13	2s47	4 0	16 24	3 57	21 53	0 25	2 56	1 53	16 30	1 5	2 6	2 35	23 31	0 9
T 14	23 17	6 53	3 13	16 36	3 52	22 5	0 23	3 13	1 53	16 28	1 5	2 6	2 35	23 31	0 9
W15	23 19	10 46	2 16	16 50	3 47	22 16	0 20	3 29	1 54	16 27	1 5	2 7	2 34	23 31	0 9
T 16	23 22	14 17	1 11	17 5	3 41	22 26	0 18	3 46	1 54	16 26	1 5	2 7	2 34	23 31	0 9
F 17	23 24	17 12	0 0	17 22	3 34	22 36	0 15	4 2	1 54	16 25	1 4	2 7	2 34	23 31	0 9
S 18	23 25	19 17	1n12	17 39	3 26	22 45	0 13	4 19	1 54	16 24	1 4	2 8	2 34	23 31	0 9
S 19	23 26	20 17	2 22	17 58	3 18	22 53	0 11	4 35	1 54	16 23	1 4	2 8	2 33	23 32	0 9
M20	23 27	20 2	3 26	18 17	3 9	23 1	0 8	4 51	1 55	16 22	1 4	2 9	2 33	23 32	0 9
T 21	23 27	18 28	4 17	18 37	3 0	23 8	0 6	5 8	1 55	16 21	1 4	2 9	2 33	23 32	0 9
W22	23 27	15 41	4 52	18 58	2 50	23 14	0 3	5 24	1 55	16 20	1 3	2 10	2 33	23 32	0 9
T 23	23 27	11 54	5 8	19 19	2 40	23 20	0 1	5 40	1 55	16 19	1 3	2 10	2 32	23 32	0 9
F 24	23 26	7 25	5 3	19 40	2 29	23 25	0n 1	5 56	1 55	16 18	1 3	2 11	2 32	23 32	0 9
S 25	23 24	2 33	4 40	20 2	2 18	23 29	0 4	6 12	1 55	16 18	1 3	2 11	2 32	23 32	0 9
S 26	23 23	2n23	3 59	20 24	2 6	23 33	0 6	6 27	1 55	16 17	1 2	2 12	2 32	23 32	0 9
M27	23 20	7 6	3 4	20 45	1 55	23 36	0 9	6 43	1 55	16 16	1 2	2 13	2 31	23 33	0 9
T 28	23 18	11 22	2 0	21 6	1 43	23 38	0 11	6 59	1 55	16 16	1 2	2 14	2 31	23 33	0 9
W29	23 15	14 59	0 51	21 27	1 31	23 40	0 13	7 14	1 55	16 15	1 2	2 14	2 31	23 33	0 9
T 30	23n11	17n45	0s20	21n47	1s18	23n40	0n16	7n30	1s55	16s14	1n 1	2s15	2n31	23n33	0n 9

Julian Day Number = 2402023.5, Delta T = 6.09 sec
 Ecliptic obliquity = 23°27'18", Nutation = 0°00'12"
 Ayanamsha: Fagan/Bradley = 22°50'49", Lahiri = 21°57'49"

SWISS EPHEMERIS for the year 1864

JULY 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♄	♃	♅	♁	♆	♁	♁	♁	♁	♁
F 1	18 37 12	9 ^h 20'27"	4 ^h 11'	21 ^h 48'	4 ^h 31'	24 ^h 37'	18 ^h R 1	11 ^h 53'	26 ^h 6'	8 ^h 19'	12 ^h 59'	17 ^h R25	15 ^h M49	29 ^h 52'	14 ^h R58
S 2	18 41 8	10 ^h 17'40"	16 ^h 58'	23 ^h 33'	5 ^h 45'	25 ^h 19'	17 ^h M59	11 ^h 36'	26 ^h 9'	8 ^h 20'	12 ^h 59'	17 ^h M22	15 ^h 46'	29 ^h 59'	14 ^h 57'
S 3	18 45 5	11 ^h 14'53"	29 ^h 35'	25 ^h 20'	6 ^h 58'	26 ^h 1	17 ^h 57'	11 ^h 38'	26 ^h 13'	8 ^h 20'	13 ^h 0'	17 ^h 16'	15 ^h 42'	0 ^h 5	14 ^h 56'
M 4	18 49 1	12 ^h 12'06"	12 ^h 51'	27 ^h 11'	8 ^h 12'	26 ^h 42'	17 ^h 55'	11 ^h 40'	26 ^h 16'	8 ^h 20'	13 ^h 0'	17 ^h 8'	15 ^h 39'	0 ^h 12'	14 ^h 56'
T 5	18 52 58	13 ^h 9'19"	24 ^h 17'	29 ^h 4	9 ^h 26'	27 ^h 24'	17 ^h 53'	11 ^h 42'	26 ^h 20'	8 ^h 20'	13 ^h 2	16 ^h 58'	15 ^h 36'	0 ^h 19'	14 ^h 55'
W 6	18 56 54	14 ^h 6'32"	6 ^h 25'	1 ^h 0	10 ^h 39'	28 ^h 5	17 ^h 51'	11 ^h 44'	26 ^h 23'	8 ^h 21'	13 ^h 3	16 ^h 47'	15 ^h 33'	0 ^h 26'	14 ^h 54'
T 7	19 0 51	15 ^h 3'45"	18 ^h 24'	2 ^h 59'	11 ^h 53'	28 ^h 47'	17 ^h 49'	11 ^h 46'	26 ^h 26'	8 ^h 21'	13 ^h 3	16 ^h 37'	15 ^h 30'	0 ^h 32'	14 ^h 53'
F 8	19 4 47	16 ^h 0'58"	0 ^h 19'	5 ^h 0	13 ^h 7	29 ^h 28'	17 ^h 48'	11 ^h 49'	26 ^h 30'	8 ^h 21'	13 ^h 4	16 ^h 28'	15 ^h 27'	0 ^h 39'	14 ^h 52'
S 9	19 8 44	16 ^h 58'11"	12 ^h 10'	7 ^h 3	14 ^h 21'	0 ^h 8	17 ^h 47'	11 ^h 51'	26 ^h 33'	8 ^h 21'	13 ^h 5	16 ^h 20'	15 ^h 23'	0 ^h 46'	14 ^h 50'
S 10	19 12 41	17 ^h 55'24"	24 ^h 1	9 ^h 7	15 ^h 34'	0 ^h 50'	17 ^h 46'	11 ^h 54'	26 ^h 37'	8 ^h 21'	13 ^h 5	16 ^h 15'	15 ^h 20'	0 ^h 52'	14 ^h 49'
M11	19 16 37	18 ^h 52'37"	5 ^h 57'	11 ^h 13'	16 ^h 48'	1 ^h 31'	17 ^h 45'	11 ^h 56'	26 ^h 40'	8 ^h R21	13 ^h 6	16 ^h 12'	15 ^h 17'	0 ^h 59'	14 ^h 48'
T 12	19 20 34	19 ^h 49'50"	18 ^h 1	13 ^h 20'	18 ^h 2	2 ^h 12'	17 ^h 45'	11 ^h 59'	26 ^h 43'	8 ^h 21'	13 ^h 7	16 ^h D11	15 ^h 14'	1 ^h 6	14 ^h 47'
W13	19 24 30	20 ^h 47'03"	0 ^h 11'	15 ^h 28'	19 ^h 16'	2 ^h 52'	17 ^h 44'	12 ^h 2	26 ^h 47'	8 ^h 21'	13 ^h 7	16 ^h 12'	15 ^h 11'	1 ^h 13	14 ^h 45'
T 14	19 28 27	21 ^h 44'16"	12 ^h 59'	17 ^h 37'	20 ^h 30'	3 ^h 33'	17 ^h 44'	12 ^h 5	26 ^h 50'	8 ^h 21'	13 ^h 8	16 ^h R12	15 ^h 7	1 ^h 19	14 ^h 44'
F 15	19 32 23	22 ^h 41'29"	26 ^h 1	19 ^h 45'	21 ^h 43'	4 ^h 13'	17 ^h D44	12 ^h 8	26 ^h 53'	8 ^h 21'	13 ^h 8	16 ^h 12'	15 ^h 4	1 ^h 26	14 ^h 43'
S 16	19 36 20	23 ^h 38'43"	9 ^h 30'	21 ^h 54'	22 ^h 57'	4 ^h 54'	17 ^h 44'	12 ^h 11	26 ^h 57'	8 ^h 21'	13 ^h 9	16 ^h 10'	15 ^h 1	1 ^h 33	14 ^h 41'
S 17	19 40 16	24 ^h 35'57"	23 ^h 28'	24 ^h 2	24 ^h 11'	5 ^h 34'	17 ^h 44'	12 ^h 14	27 ^h 0	8 ^h 21'	13 ^h 10	16 ^h 5	14 ^h 58'	1 ^h 39	14 ^h 40'
M18	19 44 13	25 ^h 33'11"	7 ^h 35'	26 ^h 10'	25 ^h 25'	6 ^h 14'	17 ^h 45'	12 ^h 17	27 ^h 3	8 ^h 20'	13 ^h 10	15 ^h 59'	14 ^h 55'	1 ^h 46	14 ^h 38'
T 19	19 48 10	26 ^h 30'25"	22 ^h 39'	28 ^h 17'	26 ^h 39'	6 ^h 54'	17 ^h 45'	12 ^h 20	27 ^h 7	8 ^h 20'	13 ^h 11	15 ^h 50'	14 ^h 52'	1 ^h 53	14 ^h 36'
W20	19 52 6	27 ^h 27'40"	7 ^h 41'	0 ^h 23'	27 ^h 53'	7 ^h 34'	17 ^h 46'	12 ^h 24	27 ^h 10'	8 ^h 20'	13 ^h 11	15 ^h 40'	14 ^h 48'	2 ^h 0	14 ^h 35'
T 21	19 56 3	28 ^h 24'56"	22 ^h 48'	2 ^h 28'	29 ^h 7	8 ^h 13'	17 ^h 47'	12 ^h 27	27 ^h 13'	8 ^h 20'	13 ^h 12	15 ^h 30'	14 ^h 45'	2 ^h 6	14 ^h 33'
F 22	19 59 59	29 ^h 22'12"	7 ^h 50'	4 ^h 32'	0 ^h 20'	8 ^h 53'	17 ^h 48'	12 ^h 31	27 ^h 16'	8 ^h 19'	13 ^h 12	15 ^h 21'	14 ^h 42'	2 ^h 13	14 ^h 31'
S 23	20 3 56	0 ^h 19'29"	22 ^h 38'	6 ^h 34'	1 ^h 34'	9 ^h 32'	17 ^h 50'	12 ^h 35	27 ^h 19'	8 ^h 19'	13 ^h 13	15 ^h 15'	14 ^h 39'	2 ^h 20	14 ^h 29'
S 24	20 7 52	1 ^h 16'47"	7 ^h 9'	8 ^h 35'	2 ^h 48'	10 ^h 11'	17 ^h 51'	12 ^h 38	27 ^h 22'	8 ^h 18'	13 ^h 13	15 ^h 10'	14 ^h 36'	2 ^h 26	14 ^h 27'
M25	20 11 49	2 ^h 14'06"	21 ^h 6'	10 ^h 34'	4 ^h 2	10 ^h 50'	17 ^h 53'	12 ^h 42	27 ^h 26'	8 ^h 18'	13 ^h 13	15 ^h 9	14 ^h 33'	2 ^h 33	14 ^h 26'
T 26	20 15 45	3 ^h 11'26"	4 ^h 53'	12 ^h 32'	5 ^h 16'	11 ^h 29'	17 ^h 55'	12 ^h 46	27 ^h 29'	8 ^h 18'	13 ^h 14	15 ^h D 8	14 ^h 29'	2 ^h 40	14 ^h 24'
W27	20 19 42	4 ^h 8'47"	18 ^h 13'	14 ^h 28'	6 ^h 30'	12 ^h 8	17 ^h 57'	12 ^h 50	27 ^h 32'	8 ^h 17'	13 ^h 14	15 ^h R 8	14 ^h 26'	2 ^h 47	14 ^h 22'
T 28	20 23 39	5 ^h 6'09"	1 ^h 14'	16 ^h 23'	7 ^h 44'	12 ^h 47'	17 ^h 59'	12 ^h 54	27 ^h 35'	8 ^h 17'	13 ^h 14	15 ^h 8	14 ^h 23'	2 ^h 53	14 ^h 20'
F 29	20 27 35	6 ^h 3'32"	13 ^h 59'	18 ^h 16'	8 ^h 58'	13 ^h 25'	18 ^h 2	12 ^h 58	27 ^h 38'	8 ^h 16'	13 ^h 15	15 ^h 5	14 ^h 20'	3 ^h 0	14 ^h 18'
S 30	20 31 32	7 ^h 0'56"	26 ^h 31'	20 ^h 7	10 ^h 12'	14 ^h 3	18 ^h 4	13 ^h 3	27 ^h 41'	8 ^h 15'	13 ^h 15	15 ^h 0	14 ^h 17'	3 ^h 7	14 ^h 15'
S 31	20 35 28	7 ^h 58'22"	8 ^h 53'	21 ^h 57'	11 ^h 26'	14 ^h 41'	18 ^h M 7	13 ^h 5	27 ^h 44'	8 ^h 15'	13 ^h 15	14 ^h M51	14 ^h M13	3 ^h 13	14 ^h 13'

Day	☉		☽		♀		♂		♄		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	23n 8	19n32	1s29	22n 6	1s 6	23n41	0n18	7n45	1s56	16s14	1n 1	2s16	2n30	23n33	0n 9	1n57	1s29	0n49	15s38	17s 3	16s35	6n51	1s 5	5n15
S 2	23 3	20 18	2 32	22 24	0 54	23 40	0 20	8 0	1 56	16 14	1 1	2 17	2 30	23 33	0 9	1 57	1 29	0 49	15 38	17 2	16 34	6 49	1 5	5 15
S 3	22 59	20 1	3 26	22 41	0 41	23 39	0 23	8 15	1 56	16 14	1 1	2 18	2 30	23 33	0 9	1 57	1 29	0 49	15 38	17 0	16 33	6 47	1 5	5 15
M 4	22 54	18 46	4 10	22 56	0 29	23 37	0 25	8 30	1 56	16 13	1 0	2 19	2 30	23 33	0 9	1 57	1 29	0 49	15 38	16 58	16 32	6 45	1 6	5 15
T 5	22 48	16 40	4 41	23 10	0 17	23 34	0 27	8 45	1 56	16 13	1 0	2 20	2 29	23 33	0 9	1 57	1 29	0 49	15 39	16 55	16 31	6 42	1 6	5 16
W 6	22 42	13 51	4 59	23 22	0 5	23 31	0 29	9 0	1 55	16 12	1 0	2 21	2 29	23 34	0 9	1 57	1 29	0 49	15 39	16 52	16 30	6 40	1 6	5 16
T 7	22 36	10 30	5 4	23 32	0n 6	23 27	0 32	9 15	1 55	16 12	1 0	2 22	2 29	23 34	0 9	1 57	1 29	0 49	15 39	16 49	16 29	6 38	1 6	5 16
F 8	22 30	6 45	4 55	23 39	0 17	23 22	0 34	9 29	1 55	16 12	0 59	2 23	2 29	23 34	0 9	1 57	1 29	0 49	15 39	16 46	16 29	6 36	1 6	5 16
S 9	22 23	2 47	4 34	23 44	0 28	23 17	0 36	9 44	1 55	16 12	0 59	2 25	2 28	23 34	0 9	1 57	1 29	0 48	15 40	16 44	16 28	6 34	1 6	5 16
S 10	22 15	1s19	4 1	23 47	0 38	23 11	0 38	9 58	1 55	16 12	0 59	2 26	2 28	23 34	0 9	1 57	1 29	0 48	15 40	16 43	16 27	6 32	1 7	5 17
M11	22 7	5 23	3 17	23 47	0 48	23 4	0 40	10 13	1 55	16 12	0 59	2 27	2 28	23 34	0 9	1 57	1 29	0 48	15 40	16 42	16 26	6 30	1 7	5 17
T 12	21 59	9 18	2 24	23 44	0 57	22 56	0 42	10 27	1 55	16 12	0 58	2 28	2 28	23 34	0 9	1 57	1 29	0 48	15 41	16 42	16 25	6 28	1 7	5 17
W13	21 51	12 54	1 24	23 38	1 5	22 48	0 44	10 41	1 55	16 12	0 58	2 30	2 27	23 34	0 9	1 57	1 30	0 48	15 41	16 42	16 24	6 25	1 8	5 17
T 14	21 42	16 1	0 17	23 30	1 13	22 39	0 46	10 55	1 55	16 12	0 58	2 31	2 27	23 34	0 9	1 56	1 30	0 48	15 41	16 42	16 23	6 23	1 8	5 17
F 15	21 33	18 26	0m52	23 19	1 20	22 30	0 48	11 8	1 55	16 12	0 58	2 32	2 27	23 34	0 9	1 56	1 30	0 48	15 41	16 42	16 22	6 21	1 8	5 18
S 16	21 23	19 54	2 1	23 5	1 26	22 20	0 50	11 22	1 54	16 13	0 57	2 34	2 27	23 35	0 9	1 56	1 30	0 48	15 42	16 41	16 21	6 19	1 9	5 18
S 17	21 13	20 14	3 4	22 49	1 31	22 9	0 52	11 35	1 54	16 13	0 57	2 35	2 27	23 35	0 9	1 56	1 30	0 48	15 42	16 40	1			

SWISS EPHEMERIS for the year 1864

AUGUST 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
M 1	20 39 25	8♂55'48	21♂5	23♂45	12♂40	15♂19	18♂10	13♂11	27♂46	8°R14	13♂16	14°R41	14♂10	3♂20	14°R11	
T 2	20 43 21	9°53'15	3♂11	25°32	13°54	15°57	18°13	13°16	27°49	8°Y14	13°16	14♂28	14° 7	3°27	14♂ 9	
W 3	20 47 18	10°50'44	15°10	27°17	15° 8	16°35	18°17	13°20	27°52	8°13	13°16	14°14	14° 4	3°34	14° 7	
T 4	20 51 14	11°48'13	27° 5	29° 0	16°22	17°12	18°20	13°25	27°55	8°12	13°16	14° 0	14° 1	3°40	14° 4	
F 5	20 55 11	12°45'43	8♂57	0♂42	17°37	17°49	18°24	13°30	27°58	8°11	13°16	13°48	13°58	3°47	14° 2	
S 6	20 59 8	13°43'14	20°47	2°22	18°51	18°26	18°27	13°34	28° 1	8°11	13°16	13°37	13°54	3°54	14° 0	
S 7	21 3 4	14°40'46	2♂38	4° 0	20° 5	19° 3	18°31	13°39	28° 3	8°10	13°17	13°30	13°51	4° 0	13°57	
M 8	21 7 1	15°38'19	14°33	5°37	21°19	19°39	18°36	13°44	28° 6	8° 9	13°17	13°25	13°48	4° 7	13°55	
T 9	21 10 57	16°35'53	26°37	7°13	22°33	20°16	18°40	13°49	28° 9	8° 8	13°17	13°22	13°45	4°14	13°52	
W10	21 14 54	17°33'28	8♂54	8°46	23°47	20°52	18°44	13°54	28°11	8° 7	13°17	13°22	13°42	4°21	13°50	
T 11	21 18 50	18°31'03	21°29	10°19	25° 1	21°28	18°49	13°59	28°14	8° 6	13°17	13°22	13°39	4°27	13°48	
F 12	21 22 47	19°28'40	4♂26	11°49	26°15	22° 4	18°54	14° 5	28°16	8° 5	13°17	13°21	13°35	4°34	13°45	
S 13	21 26 43	20°26'18	17°51	13°18	27°30	22°39	18°59	14°10	28°19	8° 4	13°R17	13°19	13°32	4°41	13°42	
S 14	21 30 40	21°23'56	1♂45	14°46	28°44	23°15	19° 4	14°15	28°21	8° 3	13°17	13°15	13°29	4°47	13°40	
M15	21 34 37	22°21'36	16° 9	16°12	29°58	23°50	19° 9	14°20	28°24	8° 2	13°17	13° 8	13°26	4°54	13°37	
T 16	21 38 33	23°19'17	1♂ 0	17°36	1♂12	24°25	19°14	14°26	28°26	8° 1	13°17	12°59	13°23	5° 1	13°35	
W17	21 42 30	24°16'59	16° 9	18°58	2°26	24°59	19°20	14°31	28°29	8° 0	13°17	12°48	13°19	5° 8	13°32	
T 18	21 46 26	25°14'42	1♂28	20°19	3°40	25°34	19°26	14°37	28°31	7°59	13°17	12°38	13°16	5°14	13°29	
F 19	21 50 23	26°12'27	16°44	21°38	4°54	26° 8	19°32	14°43	28°33	7°58	13°17	12°28	13°13	5°21	13°27	
S 20	21 54 19	27°10'13	1°Y48	22°56	6° 9	26°42	19°38	14°48	28°35	7°57	13°16	12°21	13°10	5°28	13°24	
S 21	21 58 16	28° 8'01	16°30	24°11	7°23	27°16	19°44	14°54	28°38	7°56	13°16	12°17	13° 7	5°34	13°21	
M22	22 2 12	29° 5'50	0♂46	25°25	8°37	27°49	19°50	15° 0	28°40	7°54	13°16	12°15	13° 4	5°41	13°18	
T 23	22 6 9	0♂ 3'41	14°35	26°36	9°51	28°22	19°56	15° 6	28°42	7°53	13°16	12°D14	13° 0	5°48	13°16	
W24	22 10 6	1° 1'35	27°57	27°46	11° 5	28°55	20° 3	15°11	28°44	7°52	13°16	12°R15	12°57	5°55	13°13	
T 25	22 14 2	1°59'30	10♂56	28°53	12°20	29°28	20°10	15°17	28°46	7°51	13°15	12°14	12°54	6° 1	13°10	
F 26	22 17 59	2°57'26	23°36	29°59	13°34	0♂ 0	20°17	15°23	28°48	7°49	13°15	12°12	12°51	6° 8	13° 7	
S 27	22 21 55	3°55'25	6♂ 0	1♂ 2	14°48	0°32	20°24	15°29	28°50	7°48	13°15	12° 8	12°48	6°15	13° 4	
S 28	22 25 52	4°53'26	18°12	2° 2	16° 2	1° 4	20°31	15°36	28°52	7°47	13°15	12° 1	12°45	6°21	13° 2	
M29	22 29 48	5°51'28	0♂16	3° 0	17°17	1°36	20°38	15°42	28°54	7°46	13°14	11°52	12°41	6°28	12°59	
T 30	22 33 45	6°49'32	12°13	3°55	18°31	2° 7	20°45	15°48	28°56	7°44	13°14	11°41	12°38	6°35	12°56	
W31	22 37 41	7♂47'38	24♂ 7	4♂47	19♂45	2♂38	20♂53	15♂54	28♂57	7°Y43	13♂13	11♂29	12♂35	6♂42	12♂53	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁	♁								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	18n 2	17n16	4s35	14n59	1n27	18n13	1n15	14n41	1s50	16s24	0n53	3s 1	2n23	23n36	0n10	1n53	1s31	0n45	15s46	16s15	16s 6	5n45	1s18	5n20
T 2	17 47	14 41	4 54	14 19	1 23	17 53	1 16	14 53	1 49	16 25	0 53	3 3	2 23	23 36	0 10	1 53	1 31	0 45	15 47	16 11	16 5	5 43	1 19	5 20
W 3	17 31	11 31	5 0	13 38	1 17	17 32	1 17	15 4	1 49	16 26	0 53	3 5	2 23	23 36	0 10	1 52	1 31	0 45	15 47	16 7	16 4	5 41	1 19	5 21
T 4	17 16	7 55	4 52	12 57	1 12	17 11	1 18	15 15	1 48	16 27	0 53	3 6	2 23	23 36	0 10	1 52	1 31	0 44	15 47	16 3	16 3	5 39	1 20	5 21
F 5	16 59	4 1	4 32	12 16	1 6	16 49	1 19	15 26	1 48	16 29	0 52	3 8	2 22	23 36	0 10	1 52	1 31	0 44	15 48	15 59	16 2	5 37	1 21	5 21
S 6	16 43	0s 1	4 0	11 34	0 59	16 27	1 20	15 36	1 47	16 30	0 52	3 11	2 22	23 36	0 10	1 51	1 31	0 44	15 48	15 56	16 1	5 35	1 22	5 21
S 7	16 26	4 4	3 17	10 52	0 53	16 5	1 21	15 47	1 47	16 31	0 52	3 13	2 22	23 36	0 10	1 51	1 31	0 44	15 48	15 54	16 0	5 32	1 23	5 21
M 8	16 10	7 59	2 26	10 10	0 46	15 42	1 22	15 57	1 46	16 33	0 52	3 15	2 22	23 36	0 10	1 51	1 31	0 43	15 48	15 53	16 0	5 30	1 23	5 21
T 9	15 52	11 38	1 27	9 28	0 39	15 18	1 22	16 7	1 46	16 34	0 51	3 17	2 22	23 36	0 10	1 50	1 31	0 43	15 49	15 52	15 59	5 28	1 24	5 21
W10	15 35	14 51	0 24	8 46	0 31	14 54	1 23	16 17	1 45	16 35	0 51	3 19	2 22	23 36	0 10	1 50	1 31	0 43	15 49	15 52	15 58	5 26	1 25	5 21
T 11	15 17	17 27	0n43	8 4	0 23	14 30	1 24	16 27	1 45	16 37	0 51	3 21	2 21	23 36	0 10	1 49	1 31	0 43	15 49	15 52	15 57	5 24	1 26	5 21
F 12	14 59	19 15	1 49	7 22	0 15	14 6	1 24	16 37	1 44	16 38	0 51	3 23	2 21	23 36	0 10	1 49	1 31	0 42	15 50	15 51	15 56	5 22	1 27	5 21
S 13	14 41	20 3	2 52	6 40	0 7	13 41	1 25	16 47	1 44	16 40	0 50	3 25	2 21	23 36	0 10	1 49	1 31	0 42	15 50	15 51	15 55	5 20	1 28	5 21
S 14	14 23	19 40	3 46	5 59	0s 1	13 15	1 25	16 56	1 43	16 42	0 50	3 28	2 21	23 36	0 10	1 48	1 31	0 42	15 50	15 49	15 54	5 18	1 29	5 21
M15	14 4 18	2 4	29 5	5 18	0 10	12 49	1 25	17 5	1 42	16 43	0 50	3 30	2 21	23 37	0 10	1 48	1 31	0 41	15 51	15 47	15 53	5 15	1 30	5 22
T 16	13 45	15 9	4 55	4 37	0 19	12 23	1 26	17 14	1 42	16 45	0 50	3 32	2 20	23 37	0 10	1 47	1 31	0 41	15 51	15 45	15 52	5 13	1 31	5 22
W17	13 26	11 13	5 1	3 56	0 28	11 57	1 26	17 23	1 41	16 47	0 50	3 34	2 20	23 37	0 10	1 47	1 31	0 41	15 51	15 41	15 51	5 11	1 32	5 22
T 18	13 7	6 31	4 45	3 16	0 37	11 30	1 26	17 32	1 40	16 48	0 49	3 37	2 20	23 37	0 10	1 46	1 31	0 41	15 51	15 38	15 50	5 9	1 33	5 22
F 19	12 47	1 24	4 9	2 37	0 46	11 3	1 26	17 41	1 40	16 50	0 49	3 39	2 20	23 37	0 10	1 46	1 31	0 40	15 52	15 35	15 49	5 7	1 34	5 22
S 20	12 28	3n43	3 17	1 58	0 55	10 36	1 26	17 50	1 39	16 52	0 49	3 41	2 20	23 37	0 10	1 45	1 31	0 40	15 52	15 33	15 48	5 5	1 35	5 22
S 21	12 8	8 31	2 12	1 19	1 5	10 8	1 26	17 58	1 38	16 54	0 49	3 44	2 20	23 37	0 10	1 45	1 31	0 40	15 52	15 32	15 47	5 3	1 36	5 22
M22	11 48	12 42	1 0	0 41	1 14	9 40	1 26	18 6	1 37	16 56	0 48	3 46	2 20	23 37	0 10	1 44	1 32	0 39	15 53	15 31	15 46	5 1	1 37	5 22
T 23	11 27	16 2	0s12	0 4	1 24	9 12	1 26	18 14	1 37	16 58	0 48	3 48	2 19	23 37	0 10	1 44	1 32	0 39	15 53	15 31	15 45	4 59	1 38	5 22
W24	11 7	18 23	1 22	0s32	1 33	8 44	1 25	18 22	1 36	17 0	0 48	3 51	2 19	23 37	0 10	1 43	1 32	0 39	15 53	15 31	15 44	4 56	1 39	5 22
T 25	10 46	19 41	2 26	1 8	1 43	8 15	1 25	18 30	1 35	17 2	0 48	3 53	2 19	23 37	0 10	1 43	1 32	0 38	15 54	15 31	15 43	4 54	1 40	5 22
F 26	10 26	19 57	3 21	1 43	1 52	7 46	1 25	18 38	1 34	17 4	0 48	3 56	2 19	23 37	0 10	1 42	1 32	0 38	15 54	15 31	15 42	4 52	1 41	5 22
S 27	10 5	19 14	4 5	2 16	2 2	7 17	1 24	18 45	1 33	17 6	0 47	3 58	2 19	23 37	0 10	1 42	1 32	0 38	15 54	15 29	15 41	4 50	1 42	5 22
S 28	9 43	17 38	4 37	2 49	2 11	6 48	1 24	18 53	1 33	17 8	0 47	4 1	2 19	23 37	0 10	1 41	1 32	0 37	15 54	15 27	15 40	4 48	1 43</	

SWISS EPHEMERIS for the year 1864

SEPTEMBER 1864

00:00 UT

Day	Sid.t	☉	☾	♀	♁	♂	♄	♃	♅	♁	♁	♁	♁	♁	♁
T 1	22 41 38	8 ^m 45'45"	5 ^m 59'	5 ^h 37'	20 ^m 59'	3 ^h II 8'	21 ^m 11'	16 ^h 00'	28 ^m II 59'	7 ^h R41	13 ^m R13	11 ^m R17	12 ^m 32	6 ^m 48	12 ^m R50
F 2	22 45 35	9°43'54"	17°50'	6°22'	22°14'	3°38'	21° 9'	16° 7'	29° 1'	7 ^h Y40	13 ^h 813	11 ^h 6	12°29	6°55	12 ^h 47
S 3	22 49 31	10°42'05"	29°42'	7° 5'	23°28'	4° 8'	21°16'	16°13'	29° 3'	7°39	13°12	10°57	12°25	7° 2'	12°44
S 4	22 53 28	11°40'18"	11 ^h 36'	7°43'	24°42'	4°38'	21°24'	16°20'	29° 4'	7°37	13°12	10°50	12°22	7° 8'	12°42
M 5	22 57 24	12°38'32"	23°36'	8°18'	25°57'	5° 7'	21°33'	16°26'	29° 6'	7°36	13°11	10°46	12°19	7°15	12°39
T 6	23 1 21	13°36'47"	5 ^m 44'	8°48'	27°11'	5°36'	21°41'	16°33'	29° 7'	7°34	13°11	10°D45	12°16	7°22	12°36
W 7	23 5 17	14°35'05"	18° 3'	9°13'	28°25'	6° 5'	21°49'	16°39'	29° 9'	7°33	13°10	10°45	12°13	7°29	12°33
T 8	23 9 14	15°33'24"	0 ^h 39'	9°34'	29°39'	6°33'	21°58'	16°46'	29°10'	7°31	13°10	10°46	12°10	7°35	12°30
F 9	23 13 10	16°31'44"	13°34'	9°49'	0 ^h 54'	7° 1'	22° 7'	16°52'	29°11'	7°30	13° 9'	10°R47	12° 6'	7°42	12°27
S 10	23 17 7	17°30'06"	26°53'	9°59'	2° 8'	7°28'	22°15'	16°59'	29°13'	7°28	13° 9'	10°46	12° 3'	7°49	12°24
S 11	23 21 3	18°28'30"	10 ^h 39'	10°R 3	3°22'	7°55'	22°24'	17° 6'	29°14'	7°27	13° 8'	10°44	12° 0'	7°55	12°22
M12	23 25 0	19°26'55"	24°52'	10° 0'	4°37'	8°22'	22°33'	17°12'	29°15'	7°25	13° 8'	10°40	11°57	8° 2'	12°19
T 13	23 28 57	20°25'22"	9 ^h 32'	9°52'	5°51'	8°48'	22°42'	17°19'	29°16'	7°23	13° 7'	10°34	11°54	8° 9'	12°16
W14	23 32 53	21°23'51"	24°33'	9°36'	7° 5'	9°14'	22°52'	17°26'	29°18'	7°22	13° 6'	10°27	11°50	8°15	12°13
T 15	23 36 50	22°22'21"	9 ^h 46'	9°13'	8°19'	9°39'	23° 1'	17°33'	29°19'	7°20	13° 6'	10°19	11°47	8°22	12°10
F 16	23 40 46	23°20'53"	25° 2'	8°44'	9°34'	10° 4'	23°10'	17°40'	29°20'	7°19	13° 5'	10°13	11°44	8°29	12° 7'
S 17	23 44 43	24°19'27"	10 ^h Y10	8° 8'	10°48'	10°29'	23°20'	17°47'	29°21'	7°17	13° 4'	10° 8'	11°41	8°36	12° 5'
S 18	23 48 39	25°18'03"	25° 0'	7°25'	12° 2'	10°53'	23°30'	17°54'	29°21'	7°15	13° 4'	10° 5'	11°38	8°42	12° 2'
M19	23 52 36	26°16'41"	9 ^h 35'	6°35'	13°16'	11°16'	23°39'	18° 1'	29°22'	7°14	13° 3'	10°D 4	11°35	8°49	11°59
T 20	23 56 32	27°15'21"	23°23'	5°40'	14°31'	11°40'	23°49'	18° 8'	29°23'	7°12	13° 2'	10° 5'	11°31	8°56	11°56
W21	0 0 29	28°14'04"	6 ^h II 53'	4°41'	15°45'	12° 2'	23°59'	18°15'	29°24'	7°10	13° 2'	10° 6'	11°28	9° 2'	11°54
T 22	0 4 26	29°12'48"	19°58'	3°38'	16°59'	12°25'	24° 9'	18°22'	29°25'	7° 9'	13° 1'	10° 7'	11°25	9° 9'	11°51
F 23	0 8 22	0 ^h 11'36"	2 ^h 39'	2°32'	18°13'	12°46'	24°19'	18°29'	29°25'	7° 7'	13° 0'	10°R 8	11°22	9°16	11°48
S 24	0 12 19	1°10'25"	15° 3'	1°26'	19°28'	13° 8'	24°30'	18°36'	29°26'	7° 6'	12°59'	10° 7'	11°19	9°23	11°46
S 25	0 16 15	2° 9'17"	27°12'	0°20'	20°42'	13°28'	24°40'	18°43'	29°26'	7° 4'	12°58'	10° 4'	11°16	9°29	11°43
M26	0 20 12	3° 8'11"	9 ^h 12'	29 ^m 17'	21°56'	13°48'	24°50'	18°50'	29°27'	7° 2'	12°58'	9°59	11°12	9°36	11°40
T 27	0 24 8	4° 7'07"	21° 6'	28°18'	23°10'	14° 8'	25° 1'	18°57'	29°27'	7° 1'	12°57'	9°54	11° 9'	9°43	11°38
W28	0 28 5	5° 6'05"	2 ^h 57'	27°25'	24°25'	14°27'	25°12'	19° 4'	29°28'	6°59	12°56'	9°47	11° 6'	9°49	11°35
T 29	0 32 1	6° 5'05"	14°48'	26°40'	25°39'	14°46'	25°22'	19°11'	29°28'	6°57	12°55'	9°41	11° 3'	9°56	11°33
F 30	0 35 58	7 ^h 4'08"	26 ^m 41'	26 ^m 3	26 ^h 53'	15 ^h II 4'	25 ^m 33'	19 ^h 19'	29 ^m II 28	6 ^h Y55	12 ^h 354	9 ^h M35	11 ^h 0	10 ^m 3	11 ^h 30

Day	☉	☾	♀	♁	♂	♄	♃	♅	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	8n17	5n 3	4s35	4s48	2s48	4n49	1n21	19n21	1s29	17s17	0n46	4s11	2n18	23n37	0n10	1n39	1s32	0n36	15s56	15s13	15s36	4n39	1s47	5n22
F 2	7 56	1 4	4 4	5 14	2 57	4 19	1 20	19 27	1 28	17 19	0 46	4 13	2 18	23 37	0 10	1 38	1 32	0 35	15 56	15 10	15 36	4 37	1 49	5 22
S 3	7 34	2s57	3 21	5 39	3 6	3 48	1 19	19 34	1 27	17 21	0 46	4 16	2 18	23 37	0 10	1 38	1 32	0 35	15 56	15 7	15 35	4 35	1 50	5 22
S 4	7 11	6 53	2 29	6 2	3 14	3 18	1 18	19 40	1 26	17 23	0 46	4 18	2 18	23 37	0 10	1 37	1 32	0 35	15 56	15 5	15 34	4 33	1 51	5 22
M 5	6 49	10 34	1 31	6 23	3 22	2 47	1 17	19 47	1 25	17 26	0 45	4 21	2 18	23 37	0 10	1 36	1 32	0 34	15 57	15 4	15 33	4 31	1 52	5 21
T 6	6 27	13 52	0 27	6 41	3 29	2 17	1 16	19 53	1 24	17 28	0 45	4 23	2 18	23 37	0 10	1 36	1 32	0 34	15 57	15 4	15 32	4 29	1 53	5 21
W 7	6 4	16 36	0n39	6 58	3 36	1 46	1 15	19 59	1 23	17 30	0 45	4 26	2 17	23 37	0 10	1 35	1 32	0 33	15 57	15 4	15 31	4 27	1 54	5 21
T 8	5 42	18 35	1 45	7 12	3 43	1 16	1 14	20 5	1 22	17 33	0 45	4 29	2 17	23 37	0 10	1 35	1 32	0 33	15 57	15 4	15 30	4 25	1 55	5 21
F 9	5 19	19 41	2 47	7 23	3 48	0 45	1 12	20 10	1 20	17 35	0 45	4 31	2 17	23 37	0 10	1 34	1 32	0 33	15 58	15 4	15 29	4 23	1 57	5 21
S 10	4 56	19 43	3 42	7 32	3 53	0 14	1 11	20 16	1 19	17 38	0 45	4 34	2 17	23 37	0 10	1 33	1 32	0 32	15 58	15 4	15 28	4 20	1 58	5 21
S 11	4 34	18 36	4 26	7 37	3 58	0s17	1 10	20 22	1 18	17 40	0 44	4 37	2 17	23 37	0 10	1 33	1 32	0 32	15 58	15 3	15 27	4 18	1 59	5 21
M12	4 11	16 19	4 56	7 39	4 1	0 48	1 8	20 27	1 17	17 43	0 44	4 39	2 17	23 37	0 10	1 32	1 32	0 31	15 58	15 2	15 26	4 16	2 0	5 21
T 13	3 48	12 56	5 7	7 38	4 3	1 18	1 7	20 32	1 16	17 45	0 44	4 42	2 17	23 38	0 10	1 31	1 32	0 31	15 59	15 0	15 25	4 14	2 1	5 21
W14	3 25	8 40	4 58	7 33	4 4	1 49	1 5	20 37	1 14	17 48	0 44	4 45	2 17	23 38	0 10	1 31	1 32	0 31	15 59	14 58	15 24	4 12	2 2	5 21
T 15	3 2	3 46	4 28	7 24	4 4	2 20	1 3	20 42	1 13	17 50	0 44	4 47	2 17	23 38	0 10	1 30	1 32	0 30	15 59	14 56	15 23	4 10	2 4	5 21
F 16	2 39	1n22	3 39	7 10	4 2	2 21	1 2	20 47	1 12	17 53	0 43	4 50	2 17	23 38	0 10	1 29	1 32	0 30	15 59	14 53	15 22	4 8	2 5	5 20
S 17	2 15	6 24	2 34	6 53	3 59	3 51	1 0	20 52	1 10	17 55	0 43	4 53	2 16	23 38	0 10	1 29	1 32	0 29	16 0	14 52	15 21	4 6	2 6	5 20
S 18	1 52	10 56	1 21	6 31	3 54	3 52	0 58	20 57	1 9	17 58	0 43	4 55	2 16	23 38	0 10	1 28	1 32	0 29	16 0	14 51	15 20	4 4	2 7	5 20
M19	1 29	14 42	0 3	6 5	3 47	4 23	0 56	21 2	1 8	18 0	0 43	4 58	2 16	23 38	0 10	1 27	1 32	0 29	16 0	14 51	15 19	4 1	2 8	5 20
T 20	1 6	17 29	1s12	5 35	3 38	4 53	0 54	21 6	1 6	18 3	0 43	5 1	2 16	23 38	0 10	1 27	1 32	0 28	16 0	14 51	15 18	3 59	2 9	5 20
W21	0 42	19 10	2 20	5 1	3 27	5 24	0 52	21 11	1 5	18 6	0 43	5 3	2 16	23 38	0 10	1 26	1 32	0 28	16 1	14 51	15 17	3 57	2 11	5 20
T 22	0 19	19 46	3 19	4 25	3 14	5 54	0 50	21 15	1 3	18 8	0 42	5 6	2 16	23 38	0 10	1 25	1 32	0 27	16 1	14 52	15 16	3 55	2 12	5 20
F 23	0s 5	19 19	4 7	3 45	2 59	6 24	0 48	21 19	1 2	18 11	0 42	5 9	2 16	23 38	0 11	1 25	1 32	0 27	16 1	14 52	15 15	3 53	2 13	5 19
S 24	0 28	17 56	4 42	3 4	2 43	6 54	0 46	21 23	1 0	18 14	0 42	5 12	2 16	23 38	0 11	1 24	1 32	0 26	16 1	14 51	15 14	3 51	2 14	5 19
S 25	0 51	15 47	5 3	2 21	2 26	7 24	0 44	21 28	0 59	18 16	0 42	5 14	2 16	23 38	0 11	1 23	1 32	0 26	16 1	14 51	15 13	3 49	2 15	5 19
M26	1 15	12 58	5 11	1 39	2 7	7 54	0 42	21 32	0 57	18 19	0 42	5 17	2 16	23 38	0 11	1 23	1 32	0 26	16 2	14 49	15 12	3 47	2 16	5 19
T 27	1 38	9 39	5 5	0 58	1 47	8 54	0 40	21 35	0 56	18 22	0 41	5 20	2 16	23 38	0 11	1 22	1 32	0 25	16 2	14 47	15 11	3 45	2 18	5 19
W28	2 2	5 59	4 46	0 18	1 27	8 23	0 38	21 39	0 54	18 24	0 41	5 23	2 16	23 38	0 11	1 21	1 32	0 25	16 2	14 45	15 10	3 42	2 19	5 18
T 29	2 25	2 4	4 15	0n19	1 6	9 22	0 35	21 4																

SWISS EPHEMERIS for the year 1864

OCTOBER 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♄	♃	♅	♁	♆	♁	♁	♁	♁	♁
S 1	0 39 55	8♁ 3'13	8♁38	25°R35	28♁ 7	15II21	25ML44	19♁26	29II29	6°R54	12°R53	9°R30	10ML56	10MP 9	11°R28
S 2	0 43 51	9° 2'19	20°41	25MP17	29°22	15°38	25°55	19°33	29°29	6°V52	12♁52	9ML27	10°53	10°16	11°K25
M 3	0 47 48	10° 1'28	2ML51	25°D10	0ML36	15°54	26° 6	19°40	29°29	6°50	12°51	9°26	10°50	10°23	11°23
T 4	0 51 44	11° 0'39	15°11	25°14	1°50	16° 9	26°17	19°48	29°29	6°49	12°51	9°D26	10°47	10°30	11°20
W 5	0 55 41	11°59'52	27°41	25°28	3° 4	16°24	26°28	19°55	29°R29	6°47	12°50	9°27	10°44	10°36	11°18
T 6	0 59 37	12°59'06	10♁25	25°52	4°19	16°38	26°40	20° 2	29°29	6°45	12°49	9°28	10°41	10°43	11°16
F 7	1 3 34	13°58'22	23°26	26°25	5°33	16°52	26°51	20° 9	29°29	6°44	12°48	9°30	10°37	10°50	11°13
S 8	1 7 30	14°57'41	6♁45	27° 8	6°47	17° 4	27° 2	20°17	29°29	6°42	12°47	9°31	10°34	10°56	11°11
S 9	1 11 27	15°57'01	20°25	27°59	8° 1	17°16	27°14	20°24	29°29	6°41	12°46	9°R31	10°31	11° 3	11° 9
MI0	1 15 23	16°56'22	4♁27	28°58	9°15	17°28	27°26	20°31	29°28	6°39	12°45	9°30	10°28	11°10	11° 7
T 11	1 19 20	17°55'46	18°50	0♁ 4	10°30	17°39	27°37	20°39	29°28	6°37	12°44	9°28	10°25	11°16	11° 5
WI2	1 23 17	18°55'11	3♁30	1°15	11°44	17°48	27°49	20°46	29°28	6°36	12°43	9°26	10°22	11°23	11° 2
T 13	1 27 13	19°54'38	18°24	2°32	12°58	17°58	28° 1	20°53	29°27	6°34	12°42	9°23	10°18	11°30	11° 0
F 14	1 31 10	20°54'06	3°V22	3°54	14°12	18° 6	28°13	21° 1	29°27	6°32	12°41	9°21	10°15	11°37	10°58
S 15	1 35 6	21°53'37	18°17	5°19	15°26	18°14	28°25	21° 8	29°26	6°31	12°40	9°19	10°12	11°43	10°56
S 16	1 39 3	22°53'10	3♁ 1	6°48	16°40	18°21	28°37	21°15	29°26	6°29	12°39	9°D18	10° 9	11°50	10°54
MI7	1 42 59	23°52'45	17°26	8°19	17°55	18°27	28°49	21°23	29°25	6°28	12°38	9°18	10° 6	11°57	10°53
T 18	1 46 56	24°52'22	1II28	9°53	19° 9	18°32	29° 1	21°30	29°25	6°26	12°37	9°19	10° 2	12° 3	10°51
WI9	1 50 52	25°52'01	15° 4	11°28	20°23	18°37	29°13	21°37	29°24	6°25	12°35	9°20	9°59	12°10	10°49
T 20	1 54 49	26°51'42	28°14	13° 5	21°37	18°41	29°25	21°45	29°23	6°23	12°34	9°21	9°56	12°17	10°47
F 21	1 58 46	27°51'26	11♁ 2	14°44	22°51	18°44	29°37	21°52	29°22	6°21	12°33	9°22	9°53	12°24	10°45
S 22	2 2 42	28°51'12	23°29	16°23	24° 5	18°46	29°50	21°59	29°21	6°20	12°32	9°R23	9°50	12°30	10°44
S 23	2 6 39	29°51'00	5♁40	18° 2	25°19	18°47	0♁ 2	22° 6	29°21	6°18	12°31	9°23	9°47	12°37	10°42
M24	2 10 35	0ML50'51	17°40	19°42	26°33	18°R47	0°15	22°14	29°20	6°17	12°30	9°22	9°43	12°44	10°41
T 25	2 14 32	1°50'43	29°33	21°23	27°47	18°47	0°27	22°21	29°19	6°15	12°29	9°21	9°40	12°50	10°39
W26	2 18 28	2°50'38	11MP24	23° 3	29° 1	18°45	0°40	22°28	29°18	6°14	12°28	9°21	9°37	12°57	10°38
T 27	2 22 25	3°50'35	23°16	24°44	0♁16	18°43	0°52	22°35	29°16	6°13	12°27	9°20	9°34	13° 4	10°36
F 28	2 26 21	4°50'34	5♁13	26°24	1°30	18°40	1° 5	22°43	29°15	6°11	12°26	9°19	9°31	13°10	10°35
S 29	2 30 18	5°50'35	17°17	28° 4	2°44	18°36	1°18	22°50	29°14	6°10	12°24	9°19	9°27	13°17	10°34
S 30	2 34 15	6°50'38	29°30	29°44	3°58	18°31	1°30	22°57	29°13	6° 8	12°23	9°18	9°24	13°24	10°32
MB1	2 38 11	7ML50'43	11ML55	1ML24	5♁12	18II25	1♁43	23♁ 4	29II12	6°V 7	12♁22	9°D18	9ML21	13MP31	10K31

Day	☉			☽			♀			♂			♄			♃			♅			♁			♁			♁			♁					
	decl	decl	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat	decl	lat	lat
S 1	3s12	5s53	2s41	1n21	0s26	10s20	0n31	21n50	0s49	18s33	0n41	5s31	2n16	23n38	0n11	1n19	1s32	0n24	16s 2	14s40	15s 7	3n36	2s22	5n18												
S 2	3 35	9 38	1 41	1 46	0 8	10 49	0 28	21 54	0 47	18 35	0 41	5 34	2 16	23 38	0 11	1 19	1 32	0 23	16 3	14 39	15 6	3 34	2 23	5 18												
M 3	3 58	13 2	0 36	2 5	0n10	11 47	0 26	21 57	0 45	18 38	0 41	5 36	2 16	23 38	0 11	1 18	1 32	0 23	16 3	14 39	15 5	3 32	2 24	5 17												
T 4	4 22	15 54	0n32	2 19	0 27	11 45	0 23	22 1	0 43	18 41	0 40	5 39	2 16	23 38	0 11	1 17	1 32	0 22	16 3	14 39	15 4	3 30	2 25	5 17												
W 5	4 45	18 3	1 39	2 28	0 43	12 13	0 21	22 4	0 42	18 44	0 40	5 42	2 16	23 38	0 11	1 17	1 32	0 22	16 3	14 39	15 3	3 28	2 27	5 17												
T 6	5 8	19 21	2 42	2 31	0 57	12 41	0 18	22 8	0 40	18 46	0 40	5 45	2 16	23 38	0 11	1 16	1 32	0 22	16 3	14 39	15 2	3 26	2 28	5 17												
F 7	5 31	19 39	3 39	2 29	1 9	13 8	0 16	22 11	0 38	18 49	0 40	5 47	2 16	23 38	0 11	1 16	1 32	0 21	16 3	14 40	15 1	3 23	2 29	5 17												
S 8	5 54	18 52	4 25	2 22	1 20	13 35	0 13	22 14	0 36	18 52	0 40	5 50	2 16	23 38	0 11	1 15	1 32	0 21	16 4	14 40	15 0	3 21	2 30	5 16												
S 9	6 17	17 0	4 58	2 11	1 30	14 2	0 11	22 17	0 34	18 55	0 40	5 53	2 16	23 38	0 11	1 14	1 32	0 20	16 4	14 40	14 59	3 19	2 31	5 16												
MI0	6 40	14 5	5 14	1 55	1 38	14 28	0 8	22 20	0 32	18 57	0 39	5 56	2 15	23 38	0 11	1 14	1 32	0 20	16 4	14 40	14 58	3 17	2 32	5 16												
T 11	7 2	10 16	5 11	1 35	1 45	14 54	0 5	22 23	0 30	19 0	0 39	5 58	2 15	23 38	0 11	1 13	1 32	0 19	16 4	14 39	14 57	3 15	2 33	5 16												
WI2	7 25	5 45	4 48	1 12	1 51	15 19	0 3	22 26	0 27	19 3	0 39	6 1	2 15	23 38	0 11	1 12	1 32	0 19	16 4	14 39	14 56	3 13	2 34	5 15												
T 13	7 47	0 50	4 5	0 45	1 55	15 44	0s 0	22 29	0 25	19 6	0 39	6 4	2 15	23 38	0 11	1 12	1 32	0 19	16 4	14 38	14 55	3 11	2 35	5 15												
F 14	8 10	4n11	3 6	0 15	1 58	16 9	0 3	22 32	0 23	19 9	0 39	6 7	2 15	23 38	0 11	1 11	1 32	0 18	16 4	14 37	14 54	3 9	2 36	5 15												
S 15	8 32	8 56	1 54	0s17	2 0	16 34	0 5	22 35	0 21	19 11	0 39	6 9	2 16	23 38	0 11	1 10	1 32	0 18	16 4	14 36	14 53	3 7	2 37	5 14												
S 16	8 54	13 4	0 35	0 51	2 1	16 58	0 8	22 38	0 18	19 14	0 39	6 12	2 16	23 38	0 11	1 10	1 32	0 18	16 4	14 36	14 52	3 5	2 38	5 14												
MI7	9 16	16 20	0s45	1 27	2 1	17 21	0 11	22 41	0 16	19 17	0 39	6 15	2 16	23 38	0 11	1 9	1 32	0 17	16 5	14 36	14 51	3 2	2 39	5 14												
T 18	9 38	18 31	2 0	2 4	2 1	17 44	0 14	22 44	0 14	19 20	0 38	6 18	2 16	23 38	0 11	1 9	1 32	0 17	16 5	14 36	14 50	3 0	2 40	5 14												
WI9	10 0	19 33	3 5	2 43	1 59	18 7	0 16	22 47	0 11	19 22	0 38	6 20	2 16	23 38	0 11	1 8	1 32	0 16	16 5	14 37	14 49	2 58	2 41	5 13												
T 20	10 22	19 28	3 59	3 22	1 57	18 29	0 19	22 49	0 9	19 25	0 38	6 23	2 16	23 38	0 11	1 7	1 32	0 16	16 5	14 37	14 48	2 56	2 42	5 13												
F 21	10 43	18 22	4 39	4 3	1 54	18 51	0 22	22 52	0 6	19 28	0 38	6 26	2 16	23 38	0 11	1 7	1 32	0 16	16 5	14 37	14 47	2 54														

SWISS EPHEMERIS for the year 1864

NOVEMBER 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄	
T 1	2 42 8	8♍50'50	24♍33	3♍ 3	6♍26	18°R18	1♂56	23♄11	29°R10	6°R 6	12°R21	9°R18	9♍18	13♍37	10°R30
W 2	2 46 4	9°50'59	7♂23	4°42	7°40	18♍10	2° 9	23°19	29♍ 9	6°R 4	12♂20	9♍18	9°15	13°44	10♂29
T 3	2 50 1	10°51'09	20°26	6°21	8°54	18° 2	2°22	23°26	29° 7	6° 3	12°19	9°18	9°12	13°51	10°28
F 4	2 53 57	11°51'21	3♄43	7°59	10° 8	17°52	2°35	23°33	29° 6	6° 2	12°18	9°18	9° 8	13°57	10°27
S 5	2 57 54	12°51'35	17°14	9°38	11°22	17°42	2°48	23°40	29° 4	6° 0	12°17	9°18	9° 5	14° 4	10°26
S 6	3 1 50	13°51'50	0♄58	11°15	12°36	17°31	3° 1	23°47	29° 3	5°59	12°15	9°17	9° 2	14°11	10°25
M 7	3 5 47	14°52'07	14°56	12°52	13°50	17°19	3°14	23°54	29° 1	5°58	12°14	9°D17	8°59	14°17	10°24
T 8	3 9 44	15°52'25	29° 6	14°29	15° 4	17° 6	3°27	24° 1	29° 0	5°57	12°13	9°17	8°56	14°24	10°23
W 9	3 13 40	16°52'44	13♂26	16° 6	16°18	16°52	3°40	24° 8	28°58	5°56	12°12	9°18	8°53	14°31	10°23
T 10	3 17 37	17°53'05	27°53	17°42	17°32	16°38	3°53	24°15	28°56	5°54	12°11	9°19	8°49	14°37	10°22
F 11	3 21 33	18°53'27	12♂24	19°18	18°45	16°23	4° 6	24°22	28°54	5°53	12°10	9°19	8°46	14°44	10°21
S 12	3 25 30	19°53'51	26°53	20°54	19°59	16° 7	4°19	24°28	28°53	5°52	12° 9	9°20	8°43	14°51	10°21
S 13	3 29 26	20°54'16	11♂15	22°29	21°13	15°50	4°33	24°35	28°51	5°51	12° 8	9°R20	8°40	14°58	10°20
M14	3 33 23	21°54'43	25°25	24° 4	22°27	15°33	4°46	24°42	28°49	5°50	12° 7	9°20	8°37	15° 4	10°20
T 15	3 37 19	22°55'11	9♍18	25°39	23°41	15°15	4°59	24°49	28°47	5°49	12° 5	9°19	8°33	15°11	10°20
W16	3 41 16	23°55'42	22°52	27°13	24°55	14°56	5°13	24°56	28°45	5°48	12° 4	9°17	8°30	15°18	10°19
T 17	3 45 13	24°56'13	6♄ 3	28°47	26° 8	14°37	5°26	25° 2	28°43	5°47	12° 3	9°15	8°27	15°24	10°19
F 18	3 49 9	25°56'47	18°54	0♂21	27°22	14°17	5°39	25° 9	28°41	5°46	12° 2	9°12	8°24	15°31	10°19
S 19	3 53 6	26°57'22	1♂24	1°55	28°36	13°57	5°53	25°16	28°39	5°45	12° 1	9°10	8°21	15°38	10°19
S 20	3 57 2	27°57'59	13°38	3°29	29°50	13°36	6° 6	25°22	28°37	5°44	12° 0	9° 9	8°18	15°44	10°19
M21	4 0 59	28°58'38	25°40	5° 2	1♂ 3	13°15	6°19	25°29	28°35	5°44	11°59	9°D 8	8°14	15°51	10°D19
T 22	4 4 55	29°59'18	7♍34	6°36	2°17	12°53	6°33	25°35	28°33	5°43	11°58	9° 8	8°11	15°58	10°19
W23	4 8 52	1♂ 0'00	19°24	8° 9	3°31	12°31	6°46	25°42	28°30	5°42	11°57	9° 9	8° 8	16° 5	10°19
T 24	4 12 48	2° 0'43	1♂17	9°42	4°44	12° 9	7° 0	25°48	28°28	5°41	11°56	9°11	8° 5	16°11	10°19
F 25	4 16 45	3° 1'28	13°15	11°15	5°58	11°46	7°13	25°54	28°26	5°40	11°55	9°12	8° 2	16°18	10°19
S 26	4 20 42	4° 2'15	25°25	12°48	7°12	11°23	7°27	26° 1	28°24	5°40	11°54	9°14	7°59	16°25	10°19
S 27	4 24 38	5° 3'03	7♍48	14°20	8°25	11° 1	7°40	26° 7	28°21	5°39	11°53	9°R15	7°55	16°31	10°20
M28	4 28 35	6° 3'53	20°27	15°53	9°39	10°37	7°53	26°13	28°19	5°38	11°52	9°14	7°52	16°38	10°20
T 29	4 32 31	7° 4'43	3♂24	17°26	10°52	10°14	8° 7	26°19	28°17	5°38	11°51	9°12	7°49	16°45	10°21
W30	4 36 28	8♂ 5'36	16♂38	18♂58	12♂ 6	9♍51	8♂20	26♄25	28♍14	5♂37	11♂50	9♍ 9	7♍46	16♍51	10♂21

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄	♅										
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	14s27	17s34	1n24	11s37	0n59	22s15	0s52	23n19	0n23	19s58	0n37	6s55	2n16	23n38	0n11	1n 1	1s32	0n12	16s 5	14s36	14s36	2n31	2s52	5n 9
W 2	14 47	19 6	2 30	12 17	0 52	22 30	0 54	23 22	0 26	20 0	0 37	6 57	2 16	23 38	0 11	1 0	1 32	0 12	16 5	14 36	14 35	2 29	2 52	5 9
T 3	15 5	19 38	3 29	12 56	0 46	22 44	0 57	23 24	0 29	20 3	0 36	7 0	2 16	23 38	0 11	1 0	1 32	0 11	16 5	14 36	14 34	2 27	2 53	5 9
F 4	15 24	19 6	4 18	13 34	0 39	22 58	0 59	23 26	0 32	20 6	0 36	7 2	2 16	23 38	0 11	0 59	1 32	0 11	16 5	14 36	14 33	2 25	2 54	5 8
S 5	15 42	17 29	4 54	14 12	0 32	23 11	1 2	23 28	0 35	20 8	0 36	7 5	2 16	23 38	0 11	0 59	1 32	0 11	16 5	14 36	14 32	2 23	2 54	5 8
S 6	16 1	14 51	5 14	14 49	0 26	23 23	1 4	23 30	0 38	20 11	0 36	7 7	2 16	23 38	0 11	0 58	1 32	0 10	16 5	14 36	14 31	2 21	2 55	5 8
M 7	16 18	11 20	5 16	15 25	0 19	23 35	1 7	23 32	0 41	20 14	0 36	7 10	2 17	23 38	0 11	0 58	1 32	0 10	16 5	14 36	14 30	2 18	2 56	5 7
T 8	16 36	7 8	4 59	16 0	0 12	23 46	1 9	23 34	0 44	20 16	0 36	7 12	2 17	23 38	0 11	0 57	1 32	0 10	16 5	14 36	14 29	2 16	2 56	5 7
W 9	16 53	2 28	4 23	16 35	0 5	23 56	1 12	23 35	0 47	20 19	0 36	7 15	2 17	23 38	0 11	0 57	1 32	0 10	16 5	14 36	14 28	2 14	2 57	5 7
T 10	17 10	2n22	3 30	17 9	0s 1	24 6	1 14	23 37	0 50	20 21	0 36	7 17	2 17	23 38	0 11	0 57	1 32	0 9	16 5	14 36	14 27	2 12	2 57	5 6
F 11	17 27	7 7	2 24	17 42	0 8	24 15	1 16	23 38	0 53	20 24	0 36	7 20	2 17	23 38	0 11	0 56	1 32	0 9	16 5	14 37	14 26	2 10	2 58	5 6
S 12	17 43	11 26	1 9	18 14	0 15	24 23	1 19	23 40	0 56	20 26	0 36	7 22	2 17	23 38	0 11	0 56	1 32	0 9	16 5	14 37	14 25	2 8	2 58	5 6
S 13	18 0	15 3	0s11	18 45	0 21	24 31	1 21	23 41	0 59	20 29	0 35	7 24	2 17	23 38	0 11	0 55	1 32	0 8	16 5	14 37	14 24	2 6	2 59	5 5
M14	18 15	17 42	1 28	19 15	0 28	24 37	1 23	23 42	1 2	20 31	0 35	7 27	2 17	23 38	0 11	0 55	1 32	0 8	16 5	14 37	14 23	2 4	2 59	5 5
T 15	18 31	19 15	2 38	19 44	0 34	24 44	1 25	23 43	1 6	20 34	0 35	7 29	2 17	23 38	0 11	0 55	1 32	0 8	16 5	14 36	14 22	2 2	3 0	5 5
W16	18 46	19 38	3 38	20 13	0 41	24 49	1 28	23 44	1 9	20 36	0 35	7 32	2 17	23 38	0 11	0 54	1 32	0 8	16 4	14 36	14 21	2 0	3 0	5 4
T 17	19 1	18 55	4 25	20 40	0 47	24 53	1 30	23 45	1 12	20 39	0 35	7 34	2 18	23 38	0 12	0 54	1 32	0 8	16 4	14 35	14 20	1 58	3 1	5 4
F 18	19 15	17 14	4 56	21 6	0 53	24 57	1 32	23 46	1 15	20 41	0 35	7 36	2 18	23 38	0 12	0 53	1 32	0 7	16 4	14 34	14 19	1 55	3 1	5 4
S 19	19 29	14 46	5 13	21 32	0 59	25 0	1 34	23 46	1 18	20 44	0 35	7 38	2 18	23 38	0 12	0 53	1 32	0 7	16 4	14 34	14 18	1 53	3 1	5 3
S 20	19 43	11 43	5 15	21 56	1 5	25 3	1 36	23 47	1 21	20 46	0 35	7 41	2 18	23 38	0 12	0 53	1 32	0 7	16 4	14 33	14 17	1 51	3 2	5 3
M21	19 57	8 13	5 3	22 19	1 11	25 4	1 37	23 47	1 24	20 49	0 35	7 43	2 18	23 38	0 12	0 53	1 32	0 7	16 4	14 33	14 16	1 49	3 2	5 3
T 22	20 10	4 26	4 38	22 41	1 17	25 5	1 39	23 47	1 27	20 51	0 35	7 45	2 18	23 38	0 12	0 52	1 31	0 7	16 4	14 33	14 15	1 47	3 2	5 2
W23	20 22	0 30	4 1	23 2	1 22	25 5	1 41	23 47	1 30	20 53	0 34	7 47	2 18	23 38	0 12	0 52	1 31	0 6	16 4	14 33	14 14	1 45	3 3	5 2
T 24	20 35	3s29	3 14	23 22	1 28	25 5	1 43	23 47	1 32	20 56	0 34	7 50	2 18	23 38	0 12	0 52	1 31	0 6	16 4	14 34	14 13	1 43	3 3	5 1
F 25	20 47	7 22	2 18	23 40	1 33	25 3	1 44	23 47	1 35	20 58	0 34	7 52	2 18	23 38	0 12	0 51	1 31	0 6	16 3	14 34	14 12	1 41	3 3	5 1
S 26	20 58	11 0	1 15	23 58	1 38	25 1	1 46	23 47	1 38	21 0	0 34	7 54	2 19	23 38	0 12	0 51	1 31	0 6	16 3	14 35	14 11	1 39	3 3	5 1
S 27	21 9	14 15	0 8	24 14	1 42	24 58	1 47	23 46	1 41	21 2	0 34	7 56	2 19	23 38	0 12	0 51	1 31	0 6	16 3	14 35	14 10	1 37	3 4	5 0
M28	21 20	16 53	1n 1	24 29	1 47	24 55	1 49	23 46	1 43	21 5	0 34	7 58	2 19	23 38	0 12	0 51	1 31	0 6	16 3	14 35	14 9	1 35	3 4	5 0
T 29	21 30	18 44	2 9	24 42	1 51	24 50	1 50	23 45	1 46	21 7	0 34	8 0	2 19	23 38	0 12	0 51	1 31	0 5	16 3	14 34	14 8	1 33	3 4	5 0
W30	21s40	19s37	3n11	24s55	1s55	24s45	1s51	23n44	1n49	21s 9	0n34													

SWISS EPHEMERIS for the year 1864

DECEMBER 1864

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
T 1	4 40 24	9♈ 6'29	0♋ 8	20♌30	13♍20	9♎R28	8♏34	26♐31	28♑R12	5♒R37	11♓R49	9♔R 4	7♕L43	16♖58	10♗22	
F 2	4 44 21	10° 7'23	13°51	22° 2	14°33	9♎II 5	8♏47	26°37	28♑II 10	5♒P36	11♓L48	8♔L59	7°39	17° 5	10°22	
S 3	4 48 17	11° 8'18	27°46	23°34	15°46	8♏43	9° 1	26°43	28° 7	5°36	11°47	8°54	7°36	17°11	10°23	
S 4	4 52 14	12° 9'14	11♌48	25° 6	17° 0	8°20	9°14	26°49	28° 5	5°35	11°46	8°50	7°33	17°18	10°24	
M 5	4 56 11	13°10'10	25°54	26°37	18°13	7°58	9°28	26°55	28° 2	5°35	11°45	8°47	7°30	17°25	10°25	
T 6	5 0 7	14°11'08	10♌3	28° 9	19°27	7°36	9°41	27° 1	28° 0	5°34	11°44	8°D46	7°27	17°32	10°26	
W 7	5 4 4	15°12'06	24°12	29°40	20°40	7°14	9°55	27° 7	27°57	5°34	11°43	8°46	7°24	17°38	10°26	
T 8	5 8 0	16°13'04	8♌19	1♍10	21°53	6°53	10° 8	27°12	27°55	5°34	11°42	8°47	7°20	17°45	10°27	
F 9	5 11 57	17°14'03	22°24	2°40	23° 6	6°32	10°22	27°18	27°52	5°33	11°41	8°49	7°17	17°52	10°29	
S 10	5 15 53	18°15'03	6♌24	4°10	24°20	6°12	10°35	27°23	27°50	5°33	11°40	8°R50	7°14	17°58	10°30	
S 11	5 19 50	19°16'03	20°18	5°39	25°33	5°52	10°49	27°29	27°47	5°33	11°39	8°49	7°11	18° 5	10°31	
M 12	5 23 46	20°17'04	4♌2	7° 7	26°46	5°33	11° 2	27°34	27°45	5°33	11°38	8°47	7° 8	18°12	10°32	
T 13	5 27 43	21°18'06	17°35	8°35	27°59	5°15	11°15	27°39	27°42	5°33	11°38	8°42	7° 5	18°18	10°33	
W 14	5 31 40	22°19'08	0♌54	10° 1	29°12	4°57	11°29	27°45	27°40	5°33	11°37	8°35	7° 1	18°25	10°35	
T 15	5 35 36	23°20'11	13°56	11°26	0♌25	4°39	11°42	27°50	27°37	5°33	11°36	8°27	6°58	18°32	10°36	
F 16	5 39 33	24°21'15	26°42	12°49	1°38	4°23	11°55	27°55	27°35	5°33	11°35	8°19	6°55	18°38	10°37	
S 17	5 43 29	25°22'19	9♌11	14°11	2°50	4° 7	12° 9	28° 0	27°32	5°D32	11°34	8°10	6°52	18°45	10°39	
S 18	5 47 26	26°23'25	21°25	15°30	4° 3	3°52	12°22	28° 5	27°29	5°33	11°34	8° 3	6°49	18°52	10°40	
M 19	5 51 22	27°24'31	3♌27	16°47	5°16	3°37	12°35	28°10	27°27	5°33	11°33	7°58	6°45	18°59	10°42	
T 20	5 55 19	28°25'37	15°21	18° 2	6°29	3°23	12°49	28°15	27°24	5°33	11°32	7°55	6°42	19° 5	10°44	
W 21	5 59 15	29°26'45	27°10	19°12	7°41	3°10	13° 2	28°19	27°22	5°33	11°31	7°D53	6°39	19°12	10°45	
T 22	6 3 12	0♌27'53	9♌2	20°19	8°54	2°58	13°15	28°24	27°19	5°33	11°31	7°54	6°36	19°19	10°47	
F 23	6 7 9	1°29'01	21° 0	21°21	10° 6	2°47	13°28	28°29	27°16	5°33	11°30	7°55	6°33	19°25	10°49	
S 24	6 11 5	2°30'11	3♌10	22°18	11°19	2°36	13°41	28°33	27°14	5°33	11°29	7°R56	6°30	19°32	10°51	
S 25	6 15 2	3°31'21	15°36	23° 9	12°31	2°26	13°55	28°37	27°11	5°34	11°29	7°56	6°26	19°39	10°53	
M 26	6 18 58	4°32'31	28°24	23°52	13°44	2°17	14° 8	28°42	27° 9	5°34	11°28	7°53	6°23	19°45	10°55	
T 27	6 22 55	5°33'42	11♌34	24°28	14°56	2° 9	14°21	28°46	27° 6	5°34	11°28	7°49	6°20	19°52	10°57	
W 28	6 26 51	6°34'53	25° 7	24°56	16° 8	2° 2	14°34	28°50	27° 4	5°35	11°27	7°42	6°17	19°59	10°59	
T 29	6 30 48	7°36'05	9♌2	25°13	17°20	1°55	14°47	28°54	27° 1	5°35	11°26	7°32	6°14	20° 5	11° 1	
F 30	6 34 44	8°37'16	23°14	25°R20	18°32	1°49	15° 0	28°58	26°59	5°36	11°26	7°22	6°11	20°12	11° 3	
S 31	6 38 41	9♌38'28	7♌39	25♌16	19♌44	1♌45	15♌13	29♌2	26♌56	5♌36	11♌25	7♌12	6♌7	20♌19	11♌5	

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	decl lat	decl lat	decl lat
T 1	21s50	19s24 4n 3	25s 5 1s59	24s39 1s53	23n43 1n51	21s11 0n34	8s 4 2n19	23n38 0n12	0n50 1s31	0n 5 16s 2	14s32 14s 5	1n28 3s 4	4n59			
F 2	21 59 18 3	4 43 25 15	2 2 24 33 1 54	23 42 1 54	21 14 0 34	8 6 2 20	23 38 0 12	0 50 1 31	0 5 16 2	14 30 14 4	1 26 3 4	4 59				
S 3	22 8 15 37	5 6 25 23	2 6 24 25 1 55	23 41 1 56	21 16 0 34	8 8 2 20	23 38 0 12	0 50 1 31	0 5 16 2	14 29 14 3	1 24 3 4	4 58				
S 4	22 16 12 16	5 12 25 30	2 8 24 17 1 56	23 39 1 58	21 18 0 34	8 10 2 20	23 38 0 12	0 50 1 31	0 5 16 2	14 27 14 2	1 22 3 4	4 58				
M 5	22 24 8 13	4 58 25 36	2 11 24 8 1 57	23 38 2 1	21 20 0 34	8 12 2 20	23 38 0 12	0 50 1 31	0 5 16 2	14 26 14 1	1 20 3 4	4 58				
T 6	22 31 3 41	4 27 25 40	2 13 23 59 1 57	23 37 2 3	21 22 0 33	8 14 2 20	23 38 0 12	0 49 1 31	0 5 16 2	14 26 14 0	1 18 3 4	4 57				
W 7	22 38 1n 3	3 39 25 42	2 15 23 49 1 58	23 35 2 5	21 24 0 33	8 16 2 20	23 38 0 12	0 49 1 31	0 5 16 1	14 26 13 59	1 16 3 4	4 57				
T 8	22 44 5 44	2 38 25 43	2 16 23 38 1 59	23 33 2 7	21 26 0 33	8 18 2 21	23 38 0 12	0 49 1 31	0 5 16 1	14 26 13 58	1 14 3 4	4 57				
F 9	22 50 10 5	1 28 25 43	2 17 23 26 1 59	23 32 2 9	21 28 0 33	8 20 2 21	23 38 0 12	0 49 1 31	0 5 16 1	14 27 13 57	1 12 3 4	4 56				
S 10	22 56 13 52	0 13 25 41	2 18 23 14 2 0	23 30 2 11	21 30 0 33	8 21 2 21	23 38 0 12	0 49 1 31	0 5 16 1	14 27 13 56	1 10 3 4	4 56				
S 11	23 1 16 50	1s 2 25 38	2 18 23 1 2 0	23 28 2 12	21 32 0 33	8 23 2 21	23 38 0 12	0 49 1 31	0 4 16 0	14 27 13 55	1 8 3 4	4 56				
M 12	23 6 18 48	2 12 25 33	2 17 22 47 2 1	23 27 2 14	21 34 0 33	8 25 2 21	23 38 0 12	0 49 1 31	0 4 16 0	14 26 13 54	1 6 3 4	4 55				
T 13	23 10 19 39	3 14 25 27	2 16 22 33 2 1	23 25 2 16	21 36 0 33	8 27 2 21	23 38 0 12	0 49 1 31	0 4 16 0	14 25 13 53	1 4 3 4	4 55				
W 14	23 14 19 23	4 4 25 19	2 15 22 18 2 1	23 23 2 17	21 38 0 33	8 28 2 22	23 38 0 12	0 49 1 31	0 4 16 0	14 22 13 52	1 2 3 4	4 55				
T 15	23 17 18 5	4 40 25 10	2 12 22 3 2 1	23 21 2 19	21 40 0 33	8 30 2 22	23 38 0 12	0 49 1 30	0 4 16 0	14 20 13 51	0 59 3 3	4 54				
F 16	23 20 15 54	5 2 24 59	2 9 21 47 2 1	23 20 2 20	21 42 0 33	8 32 2 22	23 38 0 12	0 49 1 30	0 4 15 59 14	17 13 50 0 57	3 3 4 54					
S 17	23 22 13 1	5 8 24 47	2 6 21 30 2 1	23 18 2 22	21 43 0 33	8 33 2 22	23 38 0 12	0 49 1 30	0 4 15 59 14	14 13 49 0 55	3 3 4 54					
S 18	23 24 9 38	5 0 24 33	2 1 21 13 2 1	23 16 2 23	21 45 0 33	8 35 2 22	23 38 0 12	0 49 1 30	0 4 15 59 14	12 13 48 0 53	3 3 4 53					
M 19	23 26 5 55	4 38 24 19	1 56 20 55 2 0	23 15 2 24	21 47 0 33	8 36 2 23	23 38 0 12	0 49 1 30	0 5 15 59 14	10 13 47 0 51	3 2 4 53					
T 20	23 27 2 1	4 5 24 3	1 50 20 36 2 0	23 13 2 25	21 49 0 33	8 38 2 23	23 38 0 12	0 49 1 30	0 5 15 58 14	9 13 46 0 49	3 2 4 53					
W 21	23 27 1s57	3 21 23 46	1 42 20 17 2 0	23 12 2 26	21 50 0 32	8 39 2 23	23 38 0 12	0 49 1 30	0 5 15 58 14	9 13 45 0 47	3 2 4 52					
T 22	23 27 5 52	2 29 23 28	1 34 19 57 1 59	23 10 2 27	21 52 0 32	8 41 2 23	23 38 0 12	0 50 1 30	0 5 15 58 14	9 13 44 0 45	3 1 4 52					
F 23	23 27 9 35	1 30 23 10	1 25 19 37 1 58	23 9 2 28	21 54 0 32	8 42 2 23	23 38 0 12	0 50 1 30	0 5 15 57 14	9 13 43 0 43	3 1 4 52					
S 24	23 26 12 59	0 26 22 50	1 15 19 17 1 57	23 8 2 29	21 55 0 32	8 44 2 24	23 38 0 12	0 50 1 30	0 5 15 57 14	10 13 42 0 41	3 0 4 51					
S 25	23 24 15 52	0n41 22 31	1 4 18 55 1 57	23 6 2 30	21 57 0 32	8 45 2 24	23 37 0 12	0 50 1 30	0 5 15 57 14	10 13 41 0 39	3 0 4 51					
M 26	23 23 18 4	1 47 22 11	0 51 18 34 1 56	23 5 2 30	21 59 0 32	8 46 2 24	23 37 0 12	0 50 1 30	0 5 15 57 14	9 13 39 0 37	3 0 4 51					
T 27	23 20 19 23	2 50 21 51	0 37 18 11 1 55	23 4 2 31	22 0 0 32	8 48 2 24	23 37 0 12	0 50 1 30	0 5 15 56 14	7 13 38 0 35	2 59 4 50					
W 28	23 17 19 37	3 45 21 32	0 22 17 49 1 53	23 3 2 32	22 2 0 32	8 49 2 25	23 37 0 12	0 51 1 30	0 5 15 56 14	5 13 37 0 33	2 59 4 50					
T 29	23 14 18 42	4 27 21 13	0 6 17 26 1 52	23 3 2 32	22 3 0 32	8 50 2 25	23 37 0 12	0 51 1 30	0 5 15 56 14	2 13 36 0 31	2 58 4 50					
F 30	23 10 16 37	4 54 20 55	0n11 17 2 1	51 23 2 2 33	22 5 0 32	8 51 2 25	23 37 0 12	0 51 1 30	0 5 15 55 13	59 13 35 0 29	2 58 4 49					
S 31	23s 6 13s29	5n 4 20s38	0n29 16s38	1s49 23n 1	2n33 22s 6	0n32 8s52	2n25 23n37	0n12 0n51	1s30 0n 6	15s55 13s55	13s34 0n27	2s57 4n49				

Julian Day Number = 2402206.5, Delta T = 5.91 sec
 Ecliptic obliquity = 23°27'17", Nutation = 0°00'10"
 Ayanamsha: Fagan/Bradley = 22°51'15", Lahiri = 21°58'14"