

SWISS EPHEMERIS for the year 1886

JANUARY 1886

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	6 42 16	10°33'10	22°11'10	19°30'30	25°29'29	21°49'49	5°25'25	4°R28	7°40'40	23°R 4	1°R28	19°R 8	19°55'55	4°53'53	12°R11
S 2	6 46 13	11°34'20	4°37'38	19°55'55	26°16'16	22° 4' 4	5°28'28	4°E23	7°40'40	23°R 3	1°II27	18°M59	19°51'51	5° 0' 0	12°II 8
S 3	6 50 10	12°35'31	16°55'55	20°26'26	27° 1' 1	22°19'19	5°32'32	4°18'18	7°41'41	23° 2' 2	1°27'27	18°47'47	19°48'48	5° 7' 7	12° 5' 5
M 4	6 54 6	13°36'42	29° 4' 4	21° 4' 4	27°45'45	22°33'33	5°35'35	4°13'13	7°41'41	23° 1' 1	1°26'26	18°34'34	19°45'45	5°13'13	12° 2' 2
T 5	6 58 3	14°37'53	11°3' 6	21°46'46	28°29'29	22°46'46	5°38'38	4° 8' 8	7°42'42	23° 0' 0	1°25'25	18°21'21	19°42'42	5°20'20	12° 0' 0
W 6	7 1 59	15°39'04	23° 2' 2	22°34'34	29°11'11	22°59'59	5°41'41	4° 3' 3	7°42'42	22°59'59	1°24'24	18° 9' 9	19°39'39	5°27'27	11°57'57
T 7	7 5 56	16°40'14	4°54'54	23°26'26	29°52'52	23°12'12	5°43'43	3°59'59	7°42'42	22°58'58	1°24'24	17°59'59	19°35'35	5°34'34	11°54'54
F 8	7 9 52	17°41'24	16°42'42	24°22'22	0°32'32	23°24'24	5°46'46	3°54'54	7°43'43	22°57'57	1°23'23	17°51'51	19°32'32	5°40'40	11°51'51
S 9	7 13 49	18°42'34	28°30'30	25°21'21	1°10'10	23°35'35	5°48'48	3°49'49	7°43'43	22°56'56	1°22'22	17°47'47	19°29'29	5°47'47	11°48'48
S 10	7 17 45	19°43'43	10°32'32	26°23'23	1°48'48	23°46'46	5°50'50	3°44'44	7°43'43	22°56'56	1°21'21	17°44'44	19°26'26	5°54'54	11°46'46
M 11	7 21 42	20°44'52	22°17'17	27°29'29	2°24'24	23°56'56	5°52'52	3°40'40	7°43'43	22°55'55	1°21'21	17°D44	19°23'23	6° 0' 0	11°43'43
T 12	7 25 39	21°46'00	4°42'42	28°36'36	2°58'58	24° 6' 6	5°54'54	3°35'35	7°R43	22°54'54	1°20'20	17°45'45	19°20'20	6° 7' 7	11°41'41
W 13	7 29 35	22°47'07	16°47'47	29°46'46	3°31'31	24°15'15	5°55'55	3°31'31	7°43'43	22°53'53	1°19'19	17°R46	19°16'16	6°14'14	11°38'38
T 14	7 33 32	23°48'14	29°31'31	30°58'58	4° 3' 3	24°24'24	5°56'56	3°26'26	7°43'43	22°53'53	1°19'19	17°46'46	19°13'13	6°20'20	11°36'36
F 15	7 37 28	24°49'20	12°34'40	2°12'12	4°33'33	24°32'32	5°57'57	3°22'22	7°43'43	22°52'52	1°18'18	17°44'44	19°10'10	6°27'27	11°33'33
S 16	7 41 25	25°50'25	26°18'18	3°27'27	5° 1' 1	24°39'39	5°58'58	3°17'17	7°43'43	22°52'52	1°17'17	17°40'40	19° 7' 7	6°34'34	11°31'31
S 17	7 45 21	26°51'29	10°II26	4°44'44	5°27'27	24°45'45	5°59'59	3°13'13	7°42'42	22°51'51	1°17'17	17°35'35	19° 4' 4	6°40'40	11°29'29
M 18	7 49 18	27°52'33	25° 3' 3	6° 2' 2	5°52'52	24°51'51	6° 0' 0	3° 9' 9	7°42'42	22°50'50	1°16'16	17°27'27	19° 1' 1	6°47'47	11°27'27
T 19	7 53 14	28°53'36	10°E 3	7°21'21	6°15'15	24°57'57	6° 0' 0	3° 4' 4	7°42'42	22°50'50	1°16'16	17°19'19	18°57'57	6°54'54	11°24'24
W 20	7 57 11	29°54'38	25°18'18	8°42'42	6°36'36	25° 1' 1	6°R 0' 0	3° 0' 0	7°41'41	22°50'50	1°15'15	17°12'12	18°54'54	7° 0' 0	11°22'22
T 21	8 1 8	0°55'53	10°E37	10° 4' 4	6°55'55	25° 5' 5	6° 0' 0	2°56'56	7°41'41	22°49'49	1°15'15	17° 6' 6	18°51'51	7° 7' 7	11°20'20
F 22	8 5 4	1°56'40	25°48'48	11°27'27	7°12'12	25° 8' 8	6° 0' 0	2°52'52	7°40'40	22°49'49	1°14'14	17° 2' 2	18°48'48	7°14'14	11°19'19
S 23	8 9 1	2°57'40	10°M44	12°51'51	7°27'27	25°11'11	6° 0' 0	2°48'48	7°40'40	22°48'48	1°14'14	17°D 0' 0	18°45'45	7°20'20	11°17'17
S 24	8 12 57	3°58'39	25°16'16	14°15'15	7°40'40	25°13'13	5°59'59	2°44'44	7°39'39	22°48'48	1°13'13	17° 0' 0	18°41'41	7°27'27	11°15'15
M 25	8 16 54	4°59'37	9°E23	15°41'41	7°50'50	25°14'14	5°58'58	2°41'41	7°38'38	22°48'48	1°13'13	17° 1' 1	18°38'38	7°34'34	11°13'13
T 26	8 20 50	6° 0' 36	23° 2' 2	17° 8' 8	7°59'59	25°R14	5°57'57	2°37'37	7°38'38	22°47'47	1°12'12	17° 3' 3	18°35'35	7°40'40	11°12'12
W 27	8 24 47	7° 1' 33	6°M16	18°35'35	8° 5' 5	25°14'14	5°56'56	2°33'33	7°37'37	22°47'47	1°12'12	17°R 4' 4	18°32'32	7°47'47	11°10'10
T 28	8 28 43	8° 2' 30	19° 8' 8	20° 3' 3	8° 8' 8	25°12'12	5°55'55	2°30'30	7°36'36	22°47'47	1°12'12	17° 3' 3	18°29'29	7°54'54	11° 8' 8
F 29	8 32 40	9° 3' 26	1°M41	21°32'32	8°R 9' 9	25°10'10	5°53'53	2°26'26	7°35'35	22°47'47	1°11'11	17° 0' 0	18°26'26	8° 1' 1	11° 7' 7
S 30	8 36 37	10° 4' 22	14° 0' 0	23° 2' 2	8° 8' 8	25° 8' 8	5°51'51	2°23'23	7°34'34	22°47'47	1°11'11	16°56'56	18°22'22	8° 7' 7	11° 6' 6
S 31	8 40 33	11°5' 16	26°M 8	24°E32	8°M 4' 4	25°M 4' 4	5°49'49	2°E19	7°E33	22°E47	1°II11	16°M51	18°M19	8°E14	11°II 4

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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 2	13s58	4n30	20s17	2n45	13s24	0s24	5n55	2n54	0s57	1n19	22n32	0s51	2s23	0n43	16n50	1s46	7n53	12s50	4n18	4n 0	15s31	16n59	5s20
S 2	22 57	16 16	4 53	20 26	2 38	13 1	0 16	5 50	2 56	0 58	1 19	22 32	0 50	2 23	0 43	16 50	1 46	7 53	12 49	4 22	4 1	15 30	16 59	5 20
S 3	22 51	17 48	5 2	20 36	2 31	12 38	0 7	5 46	2 57	0 59	1 19	22 33	0 50	2 23	0 44	16 50	1 46	7 53	12 49	4 26	4 2	15 29	16 58	5 19
M 4	22 45	18 30	4 57	20 47	2 23	12 15	0n 1	5 42	2 59	1 0	1 20	22 33	0 50	2 23	0 44	16 50	1 46	7 53	12 49	4 31	4 4	15 28	16 58	5 19
T 5	22 39	18 21	4 39	20 58	2 14	11 51	0 10	5 38	3 1	1 1	1 20	22 33	0 50	2 23	0 44	16 49	1 46	7 53	12 49	4 37	4 5	15 27	16 58	5 19
W 6	22 32	17 23	4 9	21 9	2 5	11 28	0 19	5 34	3 2	1 2	1 20	22 33	0 50	2 23	0 44	16 49	1 46	7 54	12 49	4 41	4 6	15 26	16 58	5 19
T 7	22 25	15 41	3 28	21 21	1 56	11 5	0 28	5 31	3 4	1 3	1 20	22 34	0 50	2 23	0 44	16 49	1 46	7 54	12 48	4 45	4 7	15 25	16 57	5 19
F 8	22 17	13 19	2 38	21 33	1 47	10 42	0 37	5 28	3 5	1 3	1 21	22 34	0 50	2 24	0 44	16 49	1 46	7 54	12 48	4 48	4 9	15 24	16 57	5 19
S 9	22 9	10 25	1 41	21 44	1 38	10 20	0 47	5 24	3 7	1 4	1 21	22 34	0 50	2 24	0 44	16 49	1 46	7 54	12 48	4 50	4 10	15 23	16 57	5 19
S 10	22 0	7 5	0 40	21 55	1 29	9 57	0 57	5 22	3 9	1 5	1 21	22 34	0 50	2 24	0 44	16 49	1 46	7 54	12 48	4 51	4 11	15 22	16 57	5 19
M 11	21 51	3 26	0s24	22 6	1 20	9 35	1 7	5 19	3 10	1 5	1 21	22 35	0 49	2 24	0 44	16 48	1 46	7 54	12 47	4 51	4 12	15 21	16 57	5 18
T 12	21 41	0n24	1 28	22 16	1 10	9 13	1 18	5 17	3 12	1 5	1 22	22 35	0 49	2 24	0 44	16 48	1 46	7 54	12 47	4 51	4 14	15 20	16 56	5 18
W 13	21 32	4 18	2 30	22 26	1 1	8 51	1 29	5 15	3 14	1 6	1 22	22 35	0 49	2 23	0 44	16 48	1 45	7 54	12 47	4 50	4 15	15 19	16 56	5 18
T 14	21 21	8 6	3 25	22 35	0 52	8 29	1 40	5 13	3 15	1 6	1 22	22 35	0 49	2 23	0 44	16 48	1 45	7 54	12 47	4 50	4 16	15 18	16 56	5 18
F 15	21 10	11 38	4 12	22 43	0 43	8 8	1 51	5 11	3 17	1 6	1 23	22 36	0 49	2 23	0 44	16 48	1 45	7 54	12 46	4 51	4 17	15 17	16 56	5 18
S 16	20 59	14 41	4 47	22 50	0 34	7 47	2 2	5 10	3 19	1 6	1 23	22 36	0 49	2 23	0 44	16 48	1 45	7 55	12 46	4 52	4 19	15 16	16 56	5 17
S 17	20 48	16 59	5 5	22 56	0 26	7 26	2 14	5 9	3 20	1 6	1 23	22 36	0 49	2 23	0 44	16 48	1 45	7 55	12 46	4 55	4 20	15 15	16 56	5 17
M 18	20 36	18 17	5 5	23 2	0 17	7 6	2 26	5 8	3 22	1 6	1 23	22 36	0 48	2 23	0 44	16 48	1 45	7 55	12 46	4 58	4 21	15 14	16 56	5 17
T 19	20 24	18 21	4 44	23 6	0 9	6 46	2 39	5 7	3 24	1 6	1 24	22 37	0 48	2 23	0 44	16 48	1 45	7 55	12 45	5 1	4 22	15 13	16 56	5 17
W 20	20 11	17 7	4 3	23 9	0																			

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M 1	8 44 30	12 ²² 6'10	8 ³ 8	26 ³ 4	7°R58	25°R 0	5°R47	2°R16	7°R32	22°R47	1°R10	16°R44	18 ¹¹ 16	8 ²² 21	11°R 3	
T 2	8 48 26	13° 7'03	20° 2	27°36	7 ¹¹ 49	24 ¹¹ 55	5 ² 45	2 ² 13	7 ² 31	22°D47	1 ¹¹ 10	16 ¹¹ 37	18°13	8°27	11 ¹¹ 2	
W 3	8 52 23	14° 7'54	1 ¹¹ 52	29° 9	7°38	24°49	5°42	2°10	7°30	22 ¹¹ 47	1°10	16°31	18°10	8°34	11° 1	
T 4	8 56 19	15° 8'45	13°41	0 ¹¹ 42	7°24	24°42	5°40	2° 7	7°28	22°47	1°10	16°26	18° 7	8°41	11° 0	
F 5	9 0 16	16° 9'34	25°31	2°16	7° 8	24°35	5°37	2° 4	7°27	22°47	1° 9	16°23	18° 3	8°47	10°59	
S 6	9 4 12	17°10'23	7 ¹¹ 22	3°51	6°49	24°26	5°34	2° 1	7°26	22°47	1° 9	16°21	18° 0	8°54	10°58	
S 7	9 8 9	18°11'09	19°18	5°27	6°28	24°17	5°31	1°59	7°24	22°47	1° 9	16°D20	17°57	9° 1	10°58	
M 8	9 12 6	19°11'55	1 ¹¹ 21	7° 4	6° 4	24° 8	5°27	1°56	7°23	22°47	1° 9	16°21	17°54	9° 7	10°57	
T 9	9 16 2	20°12'38	13°34	8°41	5°39	23°57	5°24	1°54	7°22	22°48	1° 9	16°23	17°51	9°14	10°56	
W10	9 19 59	21°13'21	26° 1	10°20	5°11	23°45	5°20	1°51	7°20	22°48	1° 9	16°24	17°47	9°21	10°56	
T 11	9 23 55	22°14'01	8 ¹¹ 45	11°59	4°42	23°33	5°16	1°49	7°19	22°48	1° 9	16°26	17°44	9°27	10°55	
F 12	9 27 52	23°14'40	21°50	13°38	4°11	23°20	5°12	1°47	7°17	22°48	1° 9	16°R26	17°41	9°34	10°55	
S 13	9 31 48	24°15'17	5 ¹¹ 19	15°19	3°38	23° 7	5° 8	1°45	7°15	22°49	1° 9	16°26	17°38	9°41	10°55	
S 14	9 35 45	25°15'53	19°14	17° 1	3° 3	22°52	5° 3	1°43	7°14	22°49	1°D 9	16°25	17°35	9°47	10°54	
M15	9 39 41	26°16'27	3 ¹¹ 34	18°43	2°28	22°37	4°58	1°41	7°12	22°50	1° 9	16°22	17°32	9°54	10°54	
T 16	9 43 38	27°16'59	18°18	20°27	1°52	22°21	4°54	1°39	7°10	22°50	1° 9	16°20	17°28	10° 1	10°D54	
W17	9 47 35	28°17'29	3 ¹¹ 20	22°11	1°15	22° 5	4°49	1°38	7° 8	22°51	1° 9	16°17	17°25	10° 7	10°54	
T 18	9 51 31	29°17'58	18°31	23°56	0°37	21°48	4°44	1°36	7° 7	22°51	1° 9	16°15	17°22	10°14	10°54	
F 19	9 55 28	0 ¹¹ 18'25	3 ¹¹ 42	25°42	29 ¹¹ 59	21°30	4°39	1°35	7° 5	22°52	1° 9	16°14	17°19	10°21	10°55	
S 20	9 59 24	1°18'50	18°42	27°29	29°22	21°12	4°33	1°33	7° 3	22°52	1° 9	16°D14	17°16	10°27	10°55	
S 21	10 3 21	2°19'13	3 ¹¹ 25	29°17	28°45	20°53	4°28	1°32	7° 1	22°53	1° 9	16°14	17°12	10°34	10°55	
M22	10 7 17	3°19'36	17°44	1 ¹¹ 6	28° 9	20°33	4°22	1°31	6°59	22°54	1° 9	16°15	17° 9	10°41	10°56	
T 23	10 11 14	4°19'56	1 ¹¹ 35	2°56	27°33	20°13	4°16	1°30	6°57	22°54	1°10	16°17	17° 6	10°47	10°56	
W24	10 15 10	5°20'16	15° 0	4°47	26°58	19°52	4°10	1°29	6°55	22°55	1°10	16°17	17° 3	10°54	10°57	
T 25	10 19 7	6°20'34	27°59	6°38	26°25	19°31	4° 4	1°29	6°53	22°56	1°10	16°18	17° 0	11° 1	10°57	
F 26	10 23 3	7°20'50	10 ¹¹ 36	8°31	25°53	19°10	3°58	1°28	6°51	22°57	1°10	16°R18	16°57	11° 7	10°58	
S 27	10 27 0	8°21'05	22°55	10°24	25°24	18°48	3°52	1°27	6°48	22°58	1°10	16°18	16°53	11°14	10°59	
S 28	10 30 57	9 ¹¹ 21'19	5 ¹¹ 1	12 ¹¹ 18	24 ¹¹ 55	18 ¹¹ 25	3 ¹¹ 45	1 ¹¹ 27	6 ¹¹ 46	22 ¹¹ 58	1 ¹¹ 11	16 ¹¹ 17	16 ¹¹ 50	11 ¹¹ 21	11 ¹¹ 0	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	17s10	18s23	4n50	22s17	1s21	3s26	5n33	5n26	3n45	0s58	1n27	22n40	0s46	2s18	0n45	16n48	1s44	7n58	12s42	5n14	4n39	15s 0	16n56	5s14
T 2	16 53	17 40	4 20	22 4	1 27	3 16	5 47	5 29	3 46	0 57	1 27	22 40	0 46	2 18	0 45	16 48	1 44	7 58	12 42	5 17	4 40	14 58	16 56	5 13
W 3	16 36	16 11	3 40	21 50	1 31	3 7	6 1	5 33	3 48	0 56	1 28	22 40	0 46	2 18	0 45	16 48	1 44	7 58	12 41	5 19	4 41	14 57	16 56	5 13
T 4	16 18	14 1	2 49	21 34	1 36	3 0	6 14	5 37	3 49	0 54	1 28	22 40	0 46	2 17	0 45	16 48	1 44	7 58	12 41	5 21	4 42	14 56	16 56	5 13
F 5	16 0	11 16	1 52	21 18	1 40	2 54	6 28	5 41	3 51	0 53	1 28	22 41	0 46	2 16	0 45	16 48	1 44	7 59	12 41	5 23	4 43	14 55	16 56	5 13
S 6	15 42	8 3	0 49	20 59	1 45	2 48	6 41	5 46	3 52	0 51	1 28	22 41	0 45	2 16	0 45	16 48	1 44	7 59	12 40	5 23	4 45	14 54	16 57	5 12
S 7	15 23	4 29	0s16	20 40	1 48	2 44	6 53	5 50	3 53	0 50	1 29	22 41	0 45	2 15	0 45	16 48	1 44	7 59	12 40	5 24	4 46	14 53	16 57	5 12
M 8	15 4	0 43	1 22	20 19	1 52	2 41	7 6	5 56	3 55	0 48	1 29	22 41	0 45	2 15	0 45	16 48	1 44	7 59	12 40	5 23	4 47	14 52	16 57	5 12
T 9	14 45	3n 8	2 24	19 57	1 55	2 40	7 17	6 1	3 56	0 47	1 29	22 41	0 45	2 14	0 45	16 48	1 44	8 0	12 40	5 23	4 48	14 51	16 57	5 12
W10	14 26	6 55	3 21	19 33	1 58	2 39	7 29	6 7	3 57	0 45	1 29	22 42	0 45	2 14	0 45	16 48	1 44	8 0	12 39	5 22	4 50	14 50	16 57	5 11
T 11	14 6	10 28	4 10	19 8	2 0	2 40	7 39	6 13	3 59	0 43	1 30	22 42	0 45	2 13	0 45	16 49	1 44	8 0	12 39	5 21	4 51	14 49	16 58	5 11
F 12	13 47	13 36	4 47	18 41	2 2	2 41	7 49	6 19	4 0	0 41	1 30	22 42	0 44	2 12	0 45	16 49	1 44	8 0	12 39	5 21	4 52	14 48	16 58	5 11
S 13	13 27	16 7	5 10	18 13	2 4	2 44	7 58	6 25	4 1	0 39	1 30	22 42	0 44	2 12	0 45	16 49	1 44	8 1	12 38	5 21	4 53	14 47	16 58	5 10
S 14	13 6	17 47	5 15	17 44	2 5	2 49	8 7	6 32	4 2	0 38	1 30	22 42	0 44	2 11	0 45	16 49	1 43	8 1	12 38	5 22	4 55	14 46	16 58	5 10
M15	12 46	18 23	5 2	17 13	2 6	2 54	8 14	6 39	4 3	0 35	1 31	22 43	0 44	2 10	0 45	16 49	1 43	8 1	12 38	5 23	4 56	14 45	16 59	5 10
T 16	12 25	17 46	4 28	16 40	2 6	3 0	8 21	6 46	4 4	0 33	1 31	22 43	0 44	2 10	0 45	16 49	1 43	8 2	12 37	5 24	4 57	14 44	16 59	5 9
W17	12 4	15 55	3 36	16 7	2 6	3 8	8 27	6 53	4 4	0 31	1 31	22 43	0 44	2 9	0 45	16 50	1 43	8 2	12 37	5 25	4 58	14 42	16 59	5 9
T 18	11 43	12 57	2 28	15 32	2 6	3 16	8 32	7 0	4 5	0 29	1 31	22 43	0 43	2 8	0 45	16 50	1 43	8 2	12 37	5 25	5 0	14 41	17 0	5 9
F 19	11 22	9 5	1 9	14 55	2 5	3 25	8 36	7 8	4 6	0 27	1 31	22 43	0 43	2 7	0 45	16 50	1 43	8 3	12 37	5 26	5 1	14 40	17 0	5 9
S 20	11 1	4 41	0n14	14 17	2 4	3 35	8 39	7 16	4 6	0 24	1 32	22 44	0 43	2 6	0 45	16 50	1 43	8 3	12 36	5 26	5 2	14 39	17 0	5 8
S 21	10 39	0 5	1 34	13 38	2 2	3 46	8 41	7 24	4 7	0 22	1 32	22 44	0 43	2 6	0 45	16 50	1 43	8 3	12 36	5 26	5 3	14 38	17 1	5 8
M22	10 17	4s24	2 46	12 57	2 0	3 57	8 42	7 32	4 7	0 20	1 32	22 44	0 43	2 5	0 45	16 51	1 43	8 4	12 36	5 26	5 5	14 37	17 1	5 8
T 23	9 56	8 30	3 46	12 15	1 57	4 9	8 42	7 40	4 8	0 17	1 32	22 44	0 43	2 4	0 45	16 51	1 43	8 4	12 35	5 25	5 6	14 36	17 1	5 7
W24	9 34	12 1	4 31	11 31	1 53	4 21	8 41	7 49	4 8	0 15	1 32	22 44	0 42	2 3	0 45	16 51	1 43	8 4	12 35	5 25	5 7	14 35	17 2	5 7
T 25	9 11	14 49	5 1	10 47	1 50	4 34	8 39	7 57	4 8	0 12	1 33	22 44	0 42	2 2	0 45	16 51	1 43	8 5	12 35	5 25	5 8	14 34	17 2	5 7
F 26	8 49	16 50	5 16	10 0	1 45	4 47	8 37	8 6	4 8	0 10	1 33	22 45	0 42	2 2	0 45	16 52	1 43	8 5	12 34	5 24	5 9	14 33	17 2	5 7
S 27	8 27	18 1	5 15	9 13	1 40	5 0	8 33	8 14	4 8	0 7	1 33	22 45	0 42	2 1	0 45	16 52	1 43	8 5	12 34	5 25	5 11	14 31	17 3	5 6
S 28	8s 4	18s21	5n 1	8s25	1s35	5s13	8n29	8n23	4n 8	0s 4	1n33	22n45	0s42	2s 0	0n45	16n52	1s43	8n 6	12s34	5n25	5n12	14s30	17n 3	5s 6

Julian Day Number = 2409938.5, Delta T = -5.71 sec
 Ecliptic obliquity = 23°27'06, Nutation = -0°00'02
 Ayanamsha: Fagan/Bradley = 23°08'58, Lahiri = 22°15'58

SWISS EPHEMERIS for the year 1886

MARCH 1886

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓
M 1	10 34 53	10 ^h 11'31"	16 ^h 35'	14 ^h 13'	24 ^h R29	18 ^h R 3	3 ^h R39	1 ^h R27	6 ^h R44	22 ^h 59'	1 ^h II11	16 ^h R16	16 ^h 47'	11 ^h 27'	11 ^h II 1								
T 2	10 38 50	11 ^h 21'42"	28 ^h 46'	16 ^h 8	24 ^h ≈ 5	17 ^h 40	3 ^h 32'	1 ^h 26'	6 ^h 42'	23 ^h 0	1 ^h 11	16 ^h 16'	16 ^h 44'	11 ^h 34'	11 ^h 2								
W 3	10 42 46	12 ^h 21'50"	10 ^h 34'	18 ^h 4	23 ^h 44	17 ^h 16	3 ^h 25'	1 ^h D26	6 ^h 39'	23 ^h 1	1 ^h 12	16 ^h 15'	16 ^h 41'	11 ^h 41'	11 ^h 3								
T 4	10 46 43	13 ^h 21'57"	22 ^h 24'	20 ^h 0	23 ^h 24	16 ^h 53	3 ^h 19'	1 ^h 26'	6 ^h 37'	23 ^h 2	1 ^h 12	16 ^h 15'	16 ^h 38'	11 ^h 47'	11 ^h 4								
F 5	10 50 39	14 ^h 22'03"	4 ^h 16'	21 ^h 56'	23 ^h 7	16 ^h 29	3 ^h 12'	1 ^h 27'	6 ^h 35'	23 ^h 3	1 ^h 13	16 ^h 14'	16 ^h 34'	11 ^h 54'	11 ^h 5								
S 6	10 54 36	15 ^h 22'06"	16 ^h 15'	23 ^h 52'	22 ^h 53	16 ^h 6	3 ^h 5	1 ^h 27'	6 ^h 32'	23 ^h 4	1 ^h 13	16 ^h D14	16 ^h 31'	12 ^h 1	11 ^h 7								
S 7	10 58 32	16 ^h 22'08"	28 ^h 22'	25 ^h 48'	22 ^h 41	15 ^h 42	2 ^h 58'	1 ^h 27'	6 ^h 30'	23 ^h 5	1 ^h 13	16 ^h R14	16 ^h 28'	12 ^h 7	11 ^h 8								
M 8	11 2 29	17 ^h 22'07"	10 ^h 33'	27 ^h 44'	22 ^h 31	15 ^h 18	2 ^h 50'	1 ^h 28'	6 ^h 28'	23 ^h 7	1 ^h 14	16 ^h 14'	16 ^h 25'	12 ^h 14	11 ^h 9								
T 9	11 6 26	18 ^h 22'05"	23 ^h 5	29 ^h 38'	22 ^h 24	14 ^h 55	2 ^h 43'	1 ^h 28'	6 ^h 25'	23 ^h 8	1 ^h 14	16 ^h 14'	16 ^h 22'	12 ^h 21	11 ^h 11								
W10	11 10 22	19 ^h 22'00"	5 ^h 45'	1 ^h 31'	22 ^h 19	14 ^h 31	2 ^h 36'	1 ^h 29'	6 ^h 23'	23 ^h 9	1 ^h 15	16 ^h 14'	16 ^h 18'	12 ^h 27	11 ^h 13								
T 11	11 14 19	20 ^h 21'54"	18 ^h 40'	3 ^h 22'	22 ^h D16	14 ^h 8	2 ^h 28'	1 ^h 30'	6 ^h 20'	23 ^h 10	1 ^h 15	16 ^h 13'	16 ^h 15'	12 ^h 34	11 ^h 14								
F 12	11 18 15	21 ^h 21'45"	1 ^h II51	5 ^h 12'	22 ^h 17	13 ^h 44	2 ^h 21'	1 ^h 31'	6 ^h 18'	23 ^h 11	1 ^h 16	16 ^h 13'	16 ^h 12'	12 ^h 41	11 ^h 16								
S 13	11 22 12	22 ^h 21'34"	15 ^h 19'	6 ^h 59'	22 ^h 19	13 ^h 21	2 ^h 13'	1 ^h 32'	6 ^h 15'	23 ^h 13	1 ^h 17	16 ^h 13'	16 ^h 9	12 ^h 47	11 ^h 18								
S 14	11 26 8	23 ^h 21'21"	29 ^h 6	8 ^h 42'	22 ^h 24	12 ^h 58	2 ^h 6	1 ^h 33'	6 ^h 13'	23 ^h 14	1 ^h 17	16 ^h D13	16 ^h 6	12 ^h 54	11 ^h 20								
M15	11 30 5	24 ^h 21'05"	13 ^h 32'	10 ^h 23'	22 ^h 31	12 ^h 36	1 ^h 58'	1 ^h 34'	6 ^h 10'	23 ^h 15	1 ^h 18	16 ^h 13'	16 ^h 3	13 ^h 1	11 ^h 22								
T 16	11 34 1	25 ^h 20'47"	27 ^h 36'	11 ^h 59'	22 ^h 40	12 ^h 14	1 ^h 50'	1 ^h 36'	6 ^h 8	23 ^h 17	1 ^h 18	16 ^h 14'	15 ^h 59'	13 ^h 7	11 ^h 24								
W17	11 37 58	26 ^h 20'27"	12 ^h 41'	13 ^h 31'	22 ^h 51	11 ^h 52	1 ^h 43'	1 ^h 37'	6 ^h 5	23 ^h 18	1 ^h 19	16 ^h 15'	15 ^h 56'	13 ^h 14	11 ^h 26								
T 18	11 41 55	27 ^h 20'05"	27 ^h 2	14 ^h 58'	23 ^h 5	11 ^h 30	1 ^h 35'	1 ^h 39'	6 ^h 3	23 ^h 19	1 ^h 20	16 ^h 15'	15 ^h 53'	13 ^h 21	11 ^h 28								
F 19	11 45 51	28 ^h 19'40"	11 ^h 54'	16 ^h 20'	23 ^h 21	11 ^h 9	1 ^h 27'	1 ^h 40'	6 ^h 0	23 ^h 21	1 ^h 20	16 ^h R16	15 ^h 50'	13 ^h 27	11 ^h 31								
S 20	11 49 48	29 ^h 19'14"	26 ^h 41'	17 ^h 36'	23 ^h 38	10 ^h 49	1 ^h 20'	1 ^h 42'	5 ^h 58'	23 ^h 22	1 ^h 21	16 ^h 16'	15 ^h 47'	13 ^h 34	11 ^h 33								
S 21	11 53 44	0 ^h 18'45"	11 ^h 17'	18 ^h 46'	23 ^h 58	10 ^h 29	1 ^h 12'	1 ^h 44'	5 ^h 55'	23 ^h 24	1 ^h 22	16 ^h 15'	15 ^h 44'	13 ^h 41	11 ^h 35								
M22	11 57 41	1 ^h 18'14"	25 ^h 36'	19 ^h 49'	24 ^h 19	10 ^h 10	1 ^h 4	1 ^h 46'	5 ^h 53'	23 ^h 25	1 ^h 23	16 ^h 13'	15 ^h 40'	13 ^h 47	11 ^h 38								
T 23	12 1 37	2 ^h 17'41"	9 ^h 32'	20 ^h 46'	24 ^h 42	9 ^h 51	0 ^h 56'	1 ^h 48'	5 ^h 50'	23 ^h 27	1 ^h 23	16 ^h 11'	15 ^h 37'	13 ^h 54	11 ^h 40								
W24	12 5 34	3 ^h 17'07"	23 ^h 3	21 ^h 35'	25 ^h 7	9 ^h 32	0 ^h 49'	1 ^h 50'	5 ^h 47'	23 ^h 28	1 ^h 24	16 ^h 9	15 ^h 34'	14 ^h 1	11 ^h 43								
T 25	12 9 30	4 ^h 16'31"	6 ^h 7'	22 ^h 18'	25 ^h 34	9 ^h 15	0 ^h 41'	1 ^h 53'	5 ^h 45'	23 ^h 30	1 ^h 25	16 ^h 7	15 ^h 31'	14 ^h 7	11 ^h 46								
F 26	12 13 27	5 ^h 15'53"	18 ^h 52'	22 ^h 53'	26 ^h 2	8 ^h 58	0 ^h 33'	1 ^h 55'	5 ^h 42'	23 ^h 32	1 ^h 26	16 ^h 5	15 ^h 28'	14 ^h 14	11 ^h 48								
S 27	12 17 23	6 ^h 15'13"	1 ^h 35'	23 ^h 20'	26 ^h 32	8 ^h 41	0 ^h 25'	1 ^h 58'	5 ^h 40'	23 ^h 33	1 ^h 27	16 ^h D 4	15 ^h 24'	14 ^h 21	11 ^h 51								
S 28	12 21 20	7 ^h 14'32"	13 ^h 22'	23 ^h 40'	27 ^h 3	8 ^h 26	0 ^h 18'	2 ^h 0	5 ^h 37'	23 ^h 35	1 ^h 27	16 ^h 4	15 ^h 21	14 ^h 27	11 ^h 54								
M29	12 25 17	8 ^h 13'48"	25 ^h 18'	23 ^h 52'	27 ^h 36	8 ^h 11	0 ^h 10'	2 ^h 3	5 ^h 34'	23 ^h 37	1 ^h 28	16 ^h 5	15 ^h 18'	14 ^h 34	11 ^h 57								
T 30	12 29 13	9 ^h 13'03"	7 ^h ≈ 7	23 ^h R57	28 ^h 10	7 ^h 57	0 ^h 2	2 ^h 6	5 ^h 32'	23 ^h 38	1 ^h 29	16 ^h 7	15 ^h 15'	14 ^h 41	12 ^h 0								
W31	12 33 10	10 ^h 12'16"	18 ^h ≈56	23 ^h 55'	28 ^h ≈46	7 ^h 43	29 ^h 55	2 ^h ≈ 9	5 ^h ≈29	23 ^h ≈40	1 ^h ≈30	16 ^h ≈ 8	15 ^h ≈12	14 ^h ≈47	12 ^h ≈ 3								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
M 1	7s41	17s51	4n33	7s35	1s29	5s26	8n24	8n32	4n 8	0s 1	1n33	22n45	0s41	1s59	0n45	16n52	1s43	8n 6	12s34	5n25	5n13	14s29	17n 4	5s 6
T 2	7 18	16 35	3 54	6 44	1 22	5 40	8 18	8 41	4 8	0n 1	1 33	22 45	0 41	1 58	0 45	16 53	1 43	8 6	12 33	5 25	5 14	14 28	17 4	5 5
W 3	6 56	14 37	3 6	5 52	1 15	5 53	8 11	8 49	4 7	0 4	1 34	22 46	0 41	1 57	0 45	16 53	1 42	8 7	12 33	5 26	5 16	14 27	17 4	5 5
T 4	6 32	12 2	2 9	4 59	1 7	6 6	8 4	8 58	4 7	0 7	1 34	22 46	0 41	1 56	0 45	16 53	1 42	8 7	12 33	5 26	5 17	14 26	17 5	5 5
F 5	6 9	8 55	1 6	4 6	0 58	6 18	7 56	9 7	4 6	0 10	1 34	22 46	0 41	1 55	0 45	16 54	1 42	8 7	12 32	5 26	5 18	14 25	17 5	5 4
S 6	5 46	5 26	0s 0	3 11	0 49	6 31	7 48	9 15	4 5	0 13	1 34	22 46	0 41	1 54	0 45	16 54	1 42	8 8	12 32	5 26	5 19	14 24	17 6	5 4
S 7	5 23	1 40	1 7	2 17	0 40	6 43	7 39	9 24	4 5	0 16	1 34	22 46	0 40	1 53	0 45	16 54	1 42	8 8	12 32	5 26	5 21	14 22	17 6	5 4
M 8	5 0	2n12	2 12	1 21	0 30	6 54	7 30	9 32	4 4	0 19	1 34	22 46	0 40	1 52	0 45	16 55	1 42	8 8	12 32	5 26	5 22	14 21	17 7	5 4
T 9	4 36	6 1	3 11	0 26	0 19	7 6	7 21	9 40	4 3	0 22	1 34	22 47	0 40	1 51	0 45	16 55	1 42	8 9	12 31	5 26	5 23	14 20	17 7	5 3
W10	4 13	9 38	4 2	0n29	0 8	7 16	7 11	9 49	4 2	0 25	1 34	22 47	0 40	1 50	0 45	16 55	1 42	8 9	12 31	5 26	5 24	14 19	17 8	5 3
T 11	3 49	12 52	4 42	1 24	0n 4	7 27	7 1	9 57	4 0	0 28	1 35	22 47	0 40	1 49	0 45	16 56	1 42	8 10	12 31	5 26	5 26	14 18	17 8	5 3
F 12	3 26	15 31	5 8	2 18	0 16	7 36	6 51	10 4	3 59	0 31	1 35	22 47	0 40	1 48	0 45	16 56	1 42	8 10	12 30	5 26	5 27	14 17	17 9	5 2
S 13	3 2	17 23	5 18	3 12	0 28	7 45	6 41	10 12	3 58	0 34	1 35	22 47	0 39	1 48	0 45	16 56	1 42	8 10	12 30	5 27	5 28	14 16	17 9	5 2
S 14	2 38	18 17	5 10	4 5	0 41	7 54	6 30	10 20	3 56	0 37	1 35	22 47	0 39	1 47	0 45	16 57	1 42	8 11	12 30	5 27	5 29	14 14	17 10	5 2
M15	2 15	18 6	4 43	4 56	0 54	8 2	6 19	10 27	3 55	0 40	1 35	22 47	0 39	1 46	0 45	16 57	1 42	8 11	12 30	5 26	5 30	14 13	17 10	5 2
T 16	1 51	16 45	3 59	5 46	1 6	8 9	6 8	10 34	3 53	0 43	1 35	22 48	0 39	1 45	0 45	16 58	1 42	8 11	12 29	5 26	5 32	14 12	17 11	5 1
W17	1 27	14 17	2 58	6 33	1 19	8 16	5 58	10 41	3 51	0 46	1 35	22 48	0 39	1 43	0 45	16 58	1 42	8 12	12 29	5 26	5 33	14 11	17 12	5 1

SWISS EPHEMERIS for the year 1886

APRIL 1886

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	
T 1	12 37 6	11°11'27	0°47	23°R46	29°22	7°R31	29°R47	2°21	5°R27	23°R42	1°11	16°10	15°10	14°54	12°11	6
F 2	12 41 3	12°10'37	12°44	23°Y30	0°0	7°19	29°40	2°15	5°24	23°44	1°32	16°R11	15°5	15°1	12°9	
S 3	12 44 59	13°9'44	24°52	23°8	0°39	7°7	29°32	2°18	5°21	23°45	1°33	16°10	15°2	15°7	12°13	
S 4	12 48 56	14°8'49	7°Y11	22°41	1°20	6°57	29°25	2°22	5°19	23°47	1°34	16°9	14°59	15°14	12°16	
M 5	12 52 52	15°7'53	19°44	22°8	2°1	6°47	29°18	2°25	5°16	23°49	1°35	16°6	14°56	15°21	12°19	
T 6	12 56 49	16°6'54	2°B31	21°31	2°43	6°38	29°11	2°29	5°14	23°51	1°36	16°1	14°53	15°27	12°23	
W 7	13 0 46	17°5'54	15°32	20°51	3°27	6°30	29°4	2°32	5°11	23°53	1°37	15°56	14°49	15°34	12°26	
T 8	13 4 42	18°4'51	28°47	20°8	4°11	6°23	28°57	2°36	5°9	23°55	1°38	15°51	14°46	15°41	12°30	
F 9	13 8 39	19°3'46	12°11	19°23	4°56	6°17	28°50	2°40	5°6	23°57	1°39	15°47	14°43	15°47	12°33	
S 10	13 12 35	20°2'39	25°55	18°38	5°42	6°11	28°43	2°44	5°4	23°58	1°40	15°43	14°40	15°54	12°37	
S 11	13 16 32	21°1'29	9°E46	17°52	6°29	6°6	28°36	2°48	5°1	24°0	1°41	15°41	14°37	16°1	12°40	
M 12	13 20 28	22°0'17	23°47	17°7	7°17	6°2	28°29	2°52	4°59	24°2	1°42	15°D40	14°34	16°7	12°44	
T 13	13 24 25	22°59'03	7°L58	16°24	8°5	5°59	28°23	2°56	4°56	24°4	1°43	15°41	14°30	16°14	12°48	
W 14	13 28 21	23°57'47	22°15	15°43	8°54	5°56	28°16	3°0	4°54	24°6	1°44	15°42	14°27	16°21	12°52	
T 15	13 32 18	24°56'28	6°11	15°5	9°44	5°54	28°10	3°5	4°52	24°8	1°45	15°44	14°24	16°27	12°56	
F 16	13 36 15	25°55'07	21°3	14°31	10°35	5°53	28°4	3°9	4°49	24°10	1°46	15°R44	14°21	16°34	13°0	
S 17	13 40 11	26°53'44	5°E25	14°0	11°26	5°D53	27°58	3°14	4°47	24°12	1°48	15°42	14°18	16°41	13°4	
S 18	13 44 8	27°52'19	19°41	13°34	12°18	5°54	27°52	3°18	4°44	24°14	1°49	15°39	14°15	16°47	13°8	
M 19	13 48 4	28°50'52	3°M44	13°13	13°11	5°55	27°46	3°23	4°42	24°17	1°50	15°33	14°11	16°54	13°12	
T 20	13 52 1	29°49'23	17°30	12°56	14°4	5°57	27°40	3°28	4°40	24°19	1°51	15°26	14°8	17°1	13°16	
W 21	13 55 57	0°B47'52	0°A57	12°45	14°58	5°59	27°35	3°33	4°38	24°21	1°52	15°19	14°5	17°7	13°20	
T 22	13 59 54	1°46'19	14°2	12°39	15°52	6°3	27°29	3°38	4°35	24°23	1°53	15°11	14°2	17°14	13°24	
F 23	14 3 50	2°44'45	26°46	12°D37	16°47	6°7	27°24	3°43	4°33	24°25	1°55	15°5	13°59	17°21	13°28	
S 24	14 7 47	3°43'10	9°E11	12°41	17°43	6°12	27°19	3°48	4°31	24°27	1°56	15°0	13°55	17°27	13°33	
S 25	14 11 44	4°41'32	21°20	12°49	18°38	6°17	27°14	3°53	4°29	24°29	1°57	14°57	13°52	17°34	13°37	
M 26	14 15 40	5°39'53	3°M17	13°3	19°35	6°23	27°9	3°58	4°27	24°31	1°58	14°D56	13°49	17°41	13°41	
T 27	14 19 37	6°38'13	15°7	13°21	20°32	6°30	27°5	4°3	4°25	24°33	1°59	14°56	13°46	17°47	13°46	
W 28	14 23 33	7°36'31	26°56	13°43	21°29	6°37	27°0	4°9	4°23	24°36	2°1	14°57	13°43	17°54	13°50	
T 29	14 27 30	8°34'47	8°H49	14°10	22°27	6°45	26°56	4°14	4°21	24°38	2°2	14°R58	13°40	18°1	13°55	
F 30	14 31 26	9°33'02	20°H50	14°Y41	23°H25	6°11	26°52	4°20	4°19	24°40	2°3	14°M58	13°36	18°7	13°59	

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	4n26	9s54	1n24	12n19	3n19	8s36	3n18	11n49	3n18	1n32	1n35	22n50	0s36	1s28	0n45	17n5	1s41	8n18	12s25	5n28	5n51	13s53	17n21	4s57
F 2	4 49	6 29	0 19	12 11	3 18	8 32	3 8	11 51	3 16	1 35	1 35	22 50	0 36	1 27	0 45	17 5	1 41	8 18	12 25	5 27	5 53	13 52	17 21	4 57
S 3	5 12	2 46	0s48	12 0	3 14	8 28	2 59	11 53	3 13	1 38	1 35	22 50	0 36	1 26	0 45	17 6	1 41	8 19	12 25	5 27	5 54	13 51	17 22	4 57
S 4	5 35	1n 7	1 53	11 46	3 10	8 22	2 49	11 55	3 11	1 41	1 35	22 50	0 36	1 25	0 45	17 6	1 41	8 19	12 25	5 28	5 55	13 50	17 22	4 57
M 5	5 58	5 2	2 54	11 27	3 3	8 17	2 40	11 56	3 8	1 44	1 35	22 50	0 36	1 24	0 45	17 7	1 41	8 19	12 24	5 29	5 56	13 49	17 23	4 56
T 6	6 21	8 48	3 47	11 6	2 55	8 10	2 30	11 57	3 5	1 47	1 35	22 50	0 36	1 23	0 45	17 7	1 41	8 20	12 24	5 31	5 58	13 47	17 24	4 56
W 7	6 43	12 12	4 30	10 42	2 46	8 3	2 21	11 57	3 3	1 49	1 35	22 50	0 35	1 22	0 45	17 7	1 41	8 20	12 24	5 33	5 59	13 46	17 24	4 56
T 8	7 6	15 3	4 59	10 16	2 35	7 56	2 12	11 58	3 0	1 52	1 35	22 50	0 35	1 21	0 45	17 8	1 41	8 21	12 24	5 35	6 0	13 45	17 25	4 56
F 9	7 28	17 8	5 12	9 47	2 23	7 47	2 3	11 58	2 58	1 55	1 35	22 50	0 35	1 20	0 45	17 8	1 41	8 21	12 23	5 37	6 1	13 44	17 26	4 55
S 10	7 50	18 16	5 7	9 18	2 9	7 39	1 55	11 57	2 55	1 57	1 34	22 51	0 35	1 19	0 45	17 9	1 41	8 21	12 23	5 38	6 2	13 42	17 26	4 55
S 11	8 13	18 21	4 45	8 47	1 55	7 29	1 46	11 57	2 52	2 0	1 34	22 51	0 35	1 18	0 45	17 10	1 41	8 22	12 23	5 39	6 4	13 41	17 27	4 55
M 12	8 35	17 19	4 6	8 15	1 39	7 20	1 38	11 56	2 50	2 3	1 34	22 51	0 35	1 17	0 45	17 10	1 41	8 22	12 23	5 39	6 5	13 40	17 28	4 55
T 13	8 56	15 12	3 11	7 44	1 24	7 9	1 30	11 55	2 47	2 5	1 34	22 51	0 34	1 16	0 45	17 11	1 41	8 23	12 23	5 39	6 5	13 39	17 28	4 55
W 14	9 18	12 8	2 4	7 13	1 7	6 58	1 22	11 53	2 45	2 7	1 34	22 51	0 34	1 15	0 45	17 11	1 41	8 23	12 22	5 38	6 7	13 38	17 29	4 54
T 15	9 40	8 19	0 49	6 43	0 51	6 47	1 14	11 51	2 42	2 10	1 34	22 51	0 34	1 14	0 45	17 12	1 40	8 23	12 22	5 38	6 9	13 36	17 30	4 54
F 16	10 1	4 0	0n29	6 14	0 34	6 35	1 6	11 49	2 39	2 12	1 34	22 51	0 34	1 13	0 45	17 12	1 40	8 24	12 22	5 38	6 10	13 35	17 30	4 54
S 17	10 22	0s33	1 45	5 47	0 17	6 23	0 58	11 47	2 37	2 14	1 34	22 51	0 34	1 13	0 45	17 13	1 40	8 24	12 22	5 38	6 11	13 34	17 31	4 54
S 18	10 43	5 1	2 54	5 22	0 1	6 10	0 51	11 45	2 34	2 17	1 33	22 51	0 34	1 12	0 45	17 13	1 40	8 25	12 22	5 40	6 12	13 33	17 32	4 54
M 19	11 4	9 9	3 51	4 59	0s15	5 57	0 43	11 42	2 32	2 19	1 33	22 51	0 34	1 11	0 45	17 14	1 40	8 25	12 22	5 42	6 14	13 31	17 32	4 54
T 20	11 25	12 42	4 33	4 38	0 31	5 43	0 36	11 39	2 29	2 21	1 33	22 51	0 33	1 10	0 45	17 14	1 40	8 25	12 21	5 44	6 15	13 30	17 33	4 53
W 21	11 45	15 29	4 59	4 20	0 46	5 29	0 29	11 35	2 27	2 23	1 33	22 51	0 33	1 9	0 45	17 15	1 40	8 26	12 21	5 47	6 16	13 29	17 34	4 53
T 22	12 6	17 24	5 8	4 4	1 1	5 14	0 22	11 32	2 24	2 25	1 33	22 51	0 33	1 8	0 45	17 15	1 40	8 26	12 21	5 50	6 17	13 28	17 34	4 53
F 23	12 26	18 23	5 2	3 51	1 15	4 59	0 16	11 28	2 22	2 27	1 33	22 51	0 33	1 7	0 45	17 16	1 40	8 26	12 21	5 53	6 18	13 26	17 35	4 53
S 24	12 46	18 27	4 42	3 40	1 28	4 43	0 9	11 24	2 19	2 29	1 33	22 51	0 33	1 6	0 45	17 16	1 40	8 27	12 21	5 55	6 20	13 25	17 36	4 53
S 25	13 6	17 40	4 9	3 32	1 40	4 27	0 3	11 20	2 17	2 31	1 32	22 51	0 33	1 6	0 45	17 17	1 40	8 27	12 21	5 56	6 21	13 24	17 36	4 53
M 26	13 25	16 6	3 26	3 27	1 51	4 11	0s 3	11 15	2 15	2 32	1 32	22 51	0 33	1 5	0 45	17 17	1 40	8 28	12 20	5 56	6 22	13 23	17 37	4 53
T 27	13 44	13 51	2 34	3 24	2 2	3 54	0 10	11 11	2 12	2 34	1 32	22 51	0 32	1 4	0 45	17 18	1 40	8 28	12 20	5 56	6 23	13 21	17 37	4 52
W 28	14 3	11 2	1 36	3 23	2 12	3 37	0 16	11 6	2 10	2 36	1 32	22 51	0 32	1 3	0 45	17 19	1 40	8 28	12 20	5 56	6 25	13 20	17 38	4 52
T 29	14 22	7 45	0 33	3 25	2 21	3 20	0 21	11 1	2 7	2 37	1 32	22 51	0 32	1 2	0 45	17 19	1 40	8 29	12 20	5 55	6 26	13 19	17 39	4 52
F 30	14n41																							

SWISS EPHEMERIS for the year 1886

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
S 1	14 35 23	10♁31'15	3♃5	15♃16	24♁23	7♃3	26°R48	4♁25	4°R17	24♁42	2♁5	14°R56	13♃33	18♁14	14♁4	
S 2	14 39 19	11°29'27	15°35	15°55	25°22	7°12	26°R44	4°31	4♁15	24°44	2°6	14°R52	13°30	18°21	14°8	
M 3	14 43 16	12°27'37	28°24	16°38	26°22	7°23	26°40	4°37	4°13	24°47	2°7	14°46	13°27	18°27	14°13	
T 4	14 47 12	13°25'45	11♁31	17°24	27°21	7°34	26°36	4°42	4°11	24°49	2°8	14°38	13°24	18°34	14°18	
W 5	14 51 9	14°23'52	24°57	18°14	28°21	7°45	26°33	4°48	4°9	24°51	2°10	14°28	13°20	18°41	14°22	
T 6	14 55 6	15°21'57	8♁37	19°7	29°22	7°57	26°30	4°54	4°8	24°53	2°11	14°18	13°17	18°47	14°27	
F 7	14 59 2	16°20'00	22°30	20°4	0♃22	8°10	26°27	5°0	4°6	24°55	2°12	14°8	13°14	18°54	14°32	
S 8	15 2 59	17°18'02	6♁31	21°3	1°23	8°23	26°24	5°6	4°4	24°58	2°14	14°1	13°11	19°1	14°36	
S 9	15 6 55	18°16'02	20°38	22°5	2°24	8°37	26°21	5°12	4°3	25°0	2°15	13°55	13°8	19°7	14°41	
M10	15 10 52	19°14'00	4♁46	23°11	3°26	8°51	26°19	5°19	4°1	25°2	2°16	13°53	13°5	19°14	14°46	
T 11	15 14 48	20°11'56	18°55	24°19	4°28	9°6	26°17	5°25	3°59	25°4	2°18	13°D52	13°1	19°21	14°51	
W12	15 18 45	21°9'50	3♃2	25°29	5°30	9°21	26°14	5°31	3°58	25°7	2°19	13°52	12°58	19°27	14°56	
T 13	15 22 41	22°7'42	17°7	26°42	6°32	9°37	26°13	5°38	3°56	25°9	2°20	13°R52	12°55	19°34	15°1	
F 14	15 26 38	23°5'33	1♁9	27°58	7°35	9°53	26°11	5°44	3°55	25°11	2°22	13°51	12°52	19°40	15°6	
S 15	15 30 35	24°3'22	15°5	29°17	8°37	10°10	26°9	5°50	3°54	25°13	2°23	13°48	12°49	19°47	15°11	
S 16	15 34 31	25°1'09	28°55	0♁37	9°40	10°27	26°8	5°57	3°52	25°16	2°24	13°42	12°46	19°54	15°16	
M17	15 38 28	25°58'54	12♁35	2°1	10°44	10°44	26°7	6°3	3°51	25°18	2°26	13°33	12°42	20°0	15°21	
T 18	15 42 24	26°56'39	26°1	3°26	11°47	11°2	26°6	6°10	3°50	25°20	2°27	13°22	12°39	20°7	15°26	
W19	15 46 21	27°54'22	9♁13	4°54	12°51	11°21	26°5	6°17	3°49	25°22	2°28	13°11	12°36	20°14	15°31	
T 20	15 50 17	28°52'03	22°8	6°25	13°55	11°40	26°4	6°23	3°47	25°25	2°30	12°59	12°33	20°20	15°36	
F 21	15 54 14	29°49'44	4♁45	7°57	14°59	11°59	26°3	6°30	3°46	25°27	2°31	12°48	12°30	20°27	15°41	
S 22	15 58 10	0♁47'23	17°6	9°32	16°4	12°18	26°3	6°37	3°45	25°29	2°32	12°39	12°26	20°34	15°46	
S 23	16 2 7	1°45'01	29°13	11°9	17°8	12°38	26°D 3	6°44	3°44	25°31	2°34	12°33	12°23	20°40	15°51	
M24	16 6 4	2°42'38	11♁10	12°49	18°13	12°59	26°3	6°51	3°43	25°34	2°35	12°29	12°20	20°47	15°56	
T 25	16 10 0	3°40'14	23°0	14°31	19°18	13°20	26°3	6°58	3°42	25°36	2°37	12°27	12°17	20°54	16°1	
W26	16 13 57	4°37'49	4♁49	16°15	20°23	13°41	26°4	7°5	3°42	25°38	2°38	12°27	12°14	21°0	16°6	
T 27	16 17 53	5°35'24	16°42	18°1	21°29	14°2	26°4	7°12	3°41	25°40	2°39	12°27	12°11	21°7	16°12	
F 28	16 21 50	6°32'57	28°45	19°50	22°34	14°24	26°5	7°19	3°40	25°43	2°41	12°26	12°7	21°14	16°17	
S 29	16 25 46	7°30'30	11♃3	21°41	23°40	14°46	26°6	7°26	3°39	25°45	2°42	12°23	12°4	21°20	16°22	
S 30	16 29 43	8°28'01	23°40	23°34	24°46	15°9	26°7	7°33	3°39	25°47	2°43	12°19	12°1	21°27	16°27	
M31	16 33 39	9♁25'32	6♁39	25♁29	25♃51	15♃32	26°R 8	7♁40	3♁38	25♁49	2♁45	12°R 11	11°R 58	21♁34	16°R 32	

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		
S 1	14n59	0s14	1s36	3n36	2s37	2s44	0s32	10n50	2n 3	2n40	1n31	22n51	0s32	1s 1	0n45	17n20	1s40	8n29	12s20	5n56	6n28	13s16	17n40	4s52									
S 2	15 17	3n44	2 37	3 45	2 43	2 25	0 38	10 44	2 1	2 42	1 31	22 51	0 32	1 0	0 45	17 21	1 40	8 30	12 20	5 58	6 29	13 15	17 41	4 52									
M 3	15 35	7 37	3 31	3 56	2 49	2 6	0 43	10 38	1 58	2 43	1 31	22 51	0 32	1 0	0 45	17 21	1 40	8 30	12 19	6 0	6 31	13 14	17 41	4 52									
T 4	15 53	11 15	4 15	4 9	2 54	1 47	0 48	10 32	1 56	2 44	1 31	22 51	0 31	0 59	0 45	17 22	1 40	8 31	12 19	6 3	6 32	13 13	17 42	4 52									
W 5	16 10	14 22	4 47	4 24	2 59	1 28	0 53	10 25	1 54	2 45	1 30	22 51	0 31	0 58	0 45	17 22	1 40	8 31	12 19	6 7	6 33	13 11	17 42	4 52									
T 6	16 27	16 46	5 3	4 41	3 2	1 8	0 58	10 19	1 52	2 46	1 30	22 50	0 31	0 57	0 45	17 23	1 40	8 31	12 19	6 11	6 34	13 10	17 43	4 51									
F 7	16 44	18 14	5 1	4 59	3 5	0 48	1 2	10 12	1 49	2 47	1 30	22 50	0 31	0 57	0 45	17 23	1 40	8 32	12 19	6 15	6 35	13 9	17 44	4 51									
S 8	17 0 18	37 4	4 41	5 19	3 7	0 28	1 7	10 5	1 47	2 48	1 30	22 50	0 31	0 56	0 45	17 24	1 40	8 32	12 19	6 18	6 37	13 7	17 44	4 51									
S 9	17 17	17 50	4 4	5 41	3 9	0 8	1 11	9 58	1 45	2 49	1 30	22 50	0 31	0 56	0 45	17 25	1 40	8 32	12 19	6 20	6 38	13 6	17 45	4 51									
M10	17 33	15 58	3 13	6 5	3 9	0n13	1 15	9 51	1 43	2 50	1 29	22 50	0 31	0 55	0 45	17 25	1 40	8 33	12 19	6 21	6 39	13 5	17 46	4 51									
T 11	17 48	13 7	2 9	6 29	3 10	0 34	1 19	9 43	1 41	2 51	1 29	22 50	0 31	0 54	0 44	17 26	1 40	8 33	12 19	6 21	6 40	13 4	17 46	4 51									
W12	18 4	9 30	0 57	6 56	3 9	0 55	1 23	9 36	1 39	2 51	1 29	22 50	0 30	0 54	0 44	17 26	1 40	8 33	12 19	6 21	6 42	13 2	17 47	4 51									
T 13	18 19	5 21	0n17	7 23	3 8	1 16	1 27	9 28	1 37	2 52	1 29	22 50	0 30	0 53	0 44	17 27	1 40	8 34	12 18	6 21	6 43	13 1	17 47	4 51									
F 14	18 33	0 56	1 31	7 52	3 6	1 37	1 31	9 20	1 35	2 52	1 28	22 49	0 30	0 53	0 44	17 27	1 40	8 34	12 18	6 21	6 44	13 0	17 48	4 51									
S 15	18 48	3s31	2 38	8 22	3 3	1 59	1 34	9 12	1 33	2 53	1 28	22 49	0 30	0 52	0 44	17 28	1 40	8 34	12 18	6 23	6 45	12 58	17 48	4 51									
S 16	19 2	7 44	3 35	8 53	3 0	2 21	1 37	9 3	1 31	2 53	1 28	22 49	0 30	0 52	0 44	17 28	1 40	8 35	12 18	6 25	6 46	12 57	17 49	4 51									
M17	19 16	11 30	4 19	9 25	2 56	2 42	1 41	8 55	1 29	2 53	1 28	22 49	0 30	0 51	0 44	17 29	1 40	8 35	12 18	6 28	6 48	12 56	17 50	4 51									
T 18	19 29	14 36	4 48	9 58	2 52	3 4	1 44	8 46	1 27	2 54	1 28	22 49	0 30	0 51	0 44	17 29	1 40	8 35	12 18	6 32	6 49	12 54	17 50	4 51									
W19	19 42	16 53	5 1	10 32	2 47	3 26	1 47	8 38	1 25	2 54	1 27	22 49	0 30	0 50	0 44	17 30	1 40	8 35	12 18	6 37	6 50	12 53	17 51	4 51									
T 20	19 55	18 16	4 58	11 7	2 42	3 49	1 49	8 29	1 23	2 54	1 27	22 48	0 3																				

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	16 37 36	10II23'02	20B 1	27B27	26V58	15M55	26M10	7B47	3R38	25B51	2II46	12R 1	11M55	21A40	16II38
W 2	16 41 33	11°20'31	3II46	29°26	28° 4	16°18	26°12	7°55	3B37	25°54	2°47	11M50	11°52	21°47	16°43
T 3	16 45 29	12°17'59	17°51	1II28	29°10	16°42	26°13	8° 2	3°37	25°56	2°49	11°38	11°48	21°54	16°48
F 4	16 49 26	13°15'27	2B 9	3°31	0B17	17° 6	26°15	8° 9	3°36	25°58	2°50	11°27	11°45	22° 0	16°53
S 5	16 53 22	14°12'53	16°36	5°37	1°24	17°31	26°18	8°17	3°36	26° 0	2°51	11°18	11°42	22° 7	16°59
S 6	16 57 19	15°10'18	1B 5	7°43	2°30	17°56	26°20	8°24	3°36	26° 2	2°53	11°11	11°39	22°14	17° 4
M 7	17 1 15	16° 7'42	15°31	9°52	3°37	18°21	26°22	8°31	3°35	26° 4	2°54	11° 7	11°36	22°20	17° 9
T 8	17 5 12	17° 5'05	29°50	12° 1	4°44	18°46	26°25	8°39	3°35	26° 7	2°55	11° 6	11°32	22°27	17°14
W 9	17 9 9	18° 2'27	13M59	14°12	5°52	19°12	26°28	8°46	3°35	26° 9	2°57	11° 6	11°29	22°34	17°20
T 10	17 13 5	18°59'48	27°58	16°23	6°59	19°38	26°31	8°54	3°35	26°11	2°58	11° 5	11°26	22°40	17°25
F 11	17 17 2	19°57'08	11A46	18°35	8° 6	20° 4	26°34	9° 1	3D35	26°13	2°59	11° 4	11°23	22°47	17°30
S 12	17 20 58	20°54'27	25°24	20°47	9°14	20°30	26°38	9° 9	3°35	26°15	3° 1	11° 1	11°20	22°53	17°35
S 13	17 24 55	21°51'44	8M51	22°59	10°22	20°57	26°41	9°16	3°35	26°17	3° 2	10°54	11°17	23° 0	17°41
M14	17 28 51	22°49'01	22° 7	25°10	11°29	21°24	26°45	9°24	3°35	26°19	3° 3	10°46	11°13	23° 7	17°46
T 15	17 32 48	23°46'18	5A11	27°21	12°37	21°51	26°49	9°31	3°35	26°21	3° 5	10°35	11°10	23°13	17°51
W16	17 36 44	24°43'33	18° 3	29°32	13°45	22°19	26°53	9°39	3°36	26°23	3° 6	10°22	11° 7	23°20	17°56
T 17	17 40 41	25°40'49	0B42	1B41	14°53	22°47	26°57	9°47	3°36	26°25	3° 7	10°10	11° 4	23°27	18° 2
F 18	17 44 38	26°38'03	13° 7	3°49	16° 1	23°15	27° 1	9°54	3°36	26°27	3° 8	9°59	11° 1	23°33	18° 7
S 19	17 48 34	27°35'18	25°19	5°55	17°10	23°43	27° 6	10° 2	3°37	26°29	3°10	9°50	10°58	23°40	18°12
S 20	17 52 31	28°32'31	7A21	8° 0	18°18	24°11	27°10	10°10	3°37	26°31	3°11	9°43	10°54	23°47	18°17
M21	17 56 27	29°29'45	19°14	10° 3	19°27	24°40	27°15	10°17	3°38	26°33	3°12	9°39	10°51	23°53	18°23
T 22	18 0 24	0B26'58	1A 2	12° 4	20°35	25° 9	27°20	10°25	3°38	26°35	3°13	9°37	10°48	24° 0	18°28
W23	18 4 20	1°24'12	12°50	14° 3	21°44	25°38	27°25	10°33	3°39	26°37	3°15	9D37	10°45	24° 7	18°33
T 24	18 8 17	2°21'25	24°43	16° 1	22°53	26° 7	27°31	10°41	3°39	26°39	3°16	9°37	10°42	24°13	18°38
F 25	18 12 13	3°18'38	6V46	17°56	24° 1	26°37	27°36	10°48	3°40	26°41	3°17	9R37	10°38	24°20	18°43
S 26	18 16 10	4°15'51	19° 3	19°49	25°10	27° 6	27°41	10°56	3°41	26°43	3°18	9°36	10°35	24°27	18°49
S 27	18 20 7	5°13'04	1B41	21°40	26°19	27°36	27°47	11° 4	3°42	26°45	3°19	9°33	10°32	24°33	18°54
M28	18 24 3	6°10'17	14°44	23°29	27°29	28° 6	27°53	11°12	3°43	26°46	3°21	9°28	10°29	24°40	18°59
T 29	18 28 0	7° 7'31	28°12	25°16	28°38	28°37	27°59	11°19	3°44	26°48	3°22	9°20	10°26	24°47	19° 4
W30	18 31 56	8B 4'44	12II 7	27B 1	29B47	29M 7	28M 5	11B27	3A44	26B50	3II23	9M12	10M23	24A53	19II 9

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	22n 1	13n16	4s39	18n37	1s 1	8n20	2s13	6n31	1n 2	2n49	1n24	22n45	0s28	0s46	0n44	17n37	1s40	8n39	12s18	7n 3	7n 6	12s36	17n57	4s51
W 2	22 9	16 2	4 58	19 13	0 50	8 42	2 14	6 20	1 1	2 48	1 24	22 45	0 28	0 46	0 44	17 37	1 40	8 39	12 18	7 8	7 7	12 35	17 58	4 51
T 3	22 17	17 56	4 59	19 49	0 40	9 5	2 15	6 10	0 59	2 47	1 24	22 45	0 28	0 46	0 44	17 38	1 40	8 39	12 18	7 12	7 8	12 33	17 58	4 51
F 4	22 24	18 45	4 42	20 24	0 29	9 27	2 16	5 59	0 58	2 46	1 23	22 44	0 28	0 46	0 44	17 38	1 40	8 40	12 18	7 16	7 9	12 32	17 59	4 51
S 5	22 31	18 21	4 6	20 58	0 18	9 49	2 17	5 48	0 56	2 45	1 23	22 44	0 28	0 46	0 44	17 39	1 40	8 40	12 18	7 20	7 11	12 31	17 59	4 51
S 6	22 38	16 45	3 15	21 30	0 7	10 12	2 18	5 37	0 55	2 44	1 23	22 44	0 28	0 46	0 43	17 39	1 40	8 40	12 18	7 22	7 12	12 29	17 59	4 51
M 7	22 44	14 6	2 11	22 0	0n 4	10 34	2 18	5 25	0 53	2 42	1 23	22 43	0 28	0 46	0 43	17 40	1 40	8 40	12 18	7 24	7 13	12 28	18 0	4 51
T 8	22 49	10 37	0 59	22 29	0 14	10 56	2 19	5 14	0 52	2 41	1 22	22 43	0 27	0 46	0 43	17 40	1 40	8 41	12 18	7 24	7 14	12 26	18 0	4 51
W 9	22 55	6 32	0n15	22 56	0 25	11 18	2 19	5 3	0 50	2 40	1 22	22 42	0 27	0 46	0 43	17 41	1 40	8 41	12 18	7 25	7 16	12 25	18 1	4 51
T 10	23 0	2 9	1 28	23 20	0 35	11 39	2 19	4 51	0 49	2 38	1 22	22 42	0 27	0 46	0 43	17 41	1 40	8 41	12 18	7 25	7 17	12 24	18 1	4 52
F 11	23 4	2s17	2 35	23 42	0 45	12 1	2 19	4 39	0 47	2 37	1 22	22 42	0 27	0 46	0 43	17 42	1 40	8 41	12 18	7 25	7 18	12 22	18 1	4 52
S 12	23 8	6 32	3 32	24 2	0 54	12 22	2 19	4 28	0 46	2 35	1 21	22 41	0 27	0 46	0 43	17 42	1 40	8 41	12 18	7 26	7 19	12 21	18 2	4 52
S 13	23 12	10 25	4 16	24 19	1 3	12 44	2 19	4 16	0 44	2 34	1 21	22 41	0 27	0 46	0 43	17 42	1 40	8 42	12 18	7 29	7 20	12 20	18 2	4 52
M14	23 15	13 42	4 46	24 33	1 11	13 5	2 19	4 4	0 43	2 32	1 21	22 40	0 27	0 46	0 43	17 43	1 40	8 42	12 18	7 32	7 22	12 18	18 3	4 52
T 15	23 18	16 15	5 0	24 44	1 19	13 26	2 19	3 52	0 41	2 30	1 21	22 40	0 27	0 46	0 43	17 43	1 40	8 42	12 18	7 36	7 23	12 17	18 3	4 52
W16	23 21	17 57	4 59	24 53	1 26	13 46	2 19	3 40	0 40	2 28	1 21	22 39	0 27	0 46	0 43	17 44	1 40	8 42	12 18	7 41	7 24	12 16	18 3	4 52
T 17	23 23	18 44	4 42	24 58	1 32	14 7	2 18	3 28	0 39	2 27	1 20	22 39	0 27	0 46	0 43	17 44	1 40	8 42	12 18	7 46	7 25	12 14	18 4	4 52
F 18	23 25	18 36	4 13	25 1	1 38	14 27	2 18	3 15	0 37	2 25	1 20	22 39	0 26	0 47	0 43	17 45	1 40	8 42	12 18	7 50	7 26	12 13	18 4	4 52
S 19	23 26	17 36	3 32	25 1	1 42	14 47	2 17	3 3	0 36	2 23	1 20	22 38	0 26	0 47	0 43	17 45	1 40	8 43	12 18	7 53	7 28	12 11	18 4	4 53
S 20	23 27	15 49	2 43	24 59	1 47	15 6	2 16	2 50	0 35	2 21	1 20	22 38	0 26	0 47	0 43	17 46	1 40	8 43	12 18	7 56	7 29	12 10	18 4	4 53
M21	23 27	13 23	1 46	24 54	1 50	15 26	2 15	2 38	0 33	2 18	1 19	22 37	0 26	0 47	0 43	17 46	1 40	8 43	12 18	7 57	7 30	12 9	18 5	4 53
T 22	23 27	10 24	0 46	24 46	1 53	15 45	2 14	2 25	0 32	2 16	1 19	22 37	0 26	0 48	0 43	17 46	1 40	8 43	12 19	7 58	7 31	12 7	18 5	4 53
W23	23 27	7 0	0s17	24 36	1 54	16 4	2 13	2 12	0 31	2 14	1 19	22 36	0 26	0 48	0 43	17 47	1 40	8 43	12 19	7 58	7 32	12 6	18 5	4 53
T 24	23 26	3 19	1 20	24 24	1 56	16 22	2 12	2 0	0 29	2 12	1 19	22 36	0 26	0 48	0 43	17 47	1 40	8 43	12 19	7 58	7 34	12 4	18 6	4 53
F 25	23 25	0n33	2 20	24 10	1 56	16 40	2 11	1 47	0 28	2 9	1 19	22 35	0 26	0 48	0 43	17 48	1 40	8 43	12 19	7 58	7 35	12 3	18 6	4 54
S 26	23 23	4 28	3 14	23 54	1 56	16 58	2 10	1 34	0 27	2 7	1 18	22 34	0 26	0 49	0 43	17 48	1 40	8 44	12 19	7 58	7 36	12 2	18 6	4 54
S 27	23 21	8 18	4 1	23 36	1 55	17 15	2 8	1 21	0 26	2 4	1 18	22 34	0 26	0 49	0 43	17 48	1 41	8 44	12 19	8 0	7 37	12 0	18 6	4 54
M28	23 18	11 51	4 37	23 16	1 53	17 33	2 7	1 7	0 24	2 2	1 18	22 33	0 25	0 50	0 43	17 49	1 41	8 44	12 19	8 2	7 38	11 59	18 7	4 54
T 29	23 16	14 55	4 59	22 55	1 51	17 49	2 6	0 54	0 23	1 59	1 18	22 33	0 25	0 50	0 42	17 49	1 41	8 44	12 19	8 4	7 40	11 57	18 7	4 54
W30	23n12	17n14	5s 4	22n32																				

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	18 35 53	9°58'15.8	26°11'27	28°43	0°11'57	29°38	28°11	11°35	3°46	26°52	3°24	9°R 2	10°19	25°0	19°14
F 2	18 39 49	9°59'11	11°54	0°24	2° 6	0°9	28°18	11°43	3°47	26°54	3°25	8°53	10°16	25° 6	19°19
S 3	18 43 46	10°56'25	25°54	2° 2	3°16	0°40	28°24	11°51	3°48	26°55	3°26	8°46	10°13	25°13	19°24
S 4	18 47 42	11°53'38	10°04	3°38	4°25	1°12	28°31	11°58	3°49	26°57	3°27	8°41	10°10	25°20	19°29
M 5	18 51 39	12°50'52	25°33	5°12	5°35	1°43	28°38	12° 6	3°50	26°59	3°29	8°38	10° 7	25°26	19°34
T 6	18 55 36	13°48'05	10°09	6°44	6°45	2°15	28°45	12°14	3°51	27° 0	3°30	8°D38	10° 4	25°33	19°39
W 7	18 59 32	14°45'17	24°31	8°13	7°54	2°47	28°52	12°22	3°53	27° 2	3°31	8°38	10° 0	25°40	19°44
T 8	19 3 29	15°42'30	8°34	9°41	9° 4	3°19	28°59	12°30	3°54	27° 4	3°32	8°39	9°57	25°46	19°49
F 9	19 7 25	16°39'43	22°20	11° 6	10°14	3°51	29° 6	12°37	3°56	27° 5	3°33	8°R39	9°54	25°53	19°54
S 10	19 11 22	17°36'55	5°49	12°29	11°24	4°23	29°14	12°45	3°57	27° 7	3°34	8°38	9°51	26° 0	19°59
S 11	19 15 18	18°34'07	19° 2	13°49	12°34	4°56	29°21	12°53	3°59	27° 9	3°35	8°34	9°48	26° 6	20° 4
M12	19 19 15	19°31'20	2° 1	15° 7	13°45	5°29	29°29	13° 1	4° 0	27°10	3°36	8°28	9°44	26°13	20° 8
T 13	19 23 11	20°28'32	14°46	16°23	14°55	6° 2	29°37	13° 9	4° 2	27°12	3°37	8°21	9°41	26°20	20°13
W14	19 27 8	21°25'45	27°19	17°37	16° 5	6°35	29°45	13°16	4° 3	27°13	3°38	8°13	9°38	26°26	20°18
T 15	19 31 5	22°22'58	9°34	18°47	17°16	7° 8	29°53	13°24	4° 5	27°15	3°39	8° 5	9°35	26°33	20°23
F 16	19 35 1	23°20'11	21°52	19°56	18°26	7°41	0°1	13°32	4° 7	27°16	3°40	7°57	9°32	26°40	20°27
S 17	19 38 58	24°17'25	3°55	21° 1	19°37	8°15	0° 9	13°40	4° 9	27°17	3°41	7°51	9°29	26°46	20°32
S 18	19 42 54	25°14'39	15°50	22° 4	20°47	8°48	0°18	13°47	4°11	27°19	3°42	7°47	9°25	26°53	20°37
M19	19 46 51	26°11'54	27°39	23° 4	21°58	9°22	0°26	13°55	4°13	27°20	3°42	7°44	9°22	27° 0	20°41
T 20	19 50 47	27° 9'09	9°26	24° 1	23° 9	9°56	0°35	14° 3	4°15	27°21	3°43	7°D44	9°19	27° 6	20°46
W21	19 54 44	28° 6'25	21°14	24°55	24°19	10°30	0°44	14°10	4°17	27°23	3°44	7°45	9°16	27°13	20°50
T 22	19 58 40	29° 3'42	3°7	25°46	25°30	11° 4	0°53	14°18	4°19	27°24	3°45	7°46	9°13	27°19	20°55
F 23	20 2 37	0°1'00	15° 9	26°33	26°41	11°39	1° 1	14°25	4°21	27°25	3°46	7°48	9°10	27°26	20°59
S 24	20 6 34	0°58'18	27°26	27°17	27°52	12°13	1°11	14°33	4°23	27°27	3°47	7°R49	9° 6	27°33	21° 4
S 25	20 10 30	1°55'38	10°8	27°57	29° 3	12°48	1°20	14°41	4°25	27°28	3°48	7°48	9° 3	27°39	21° 8
M26	20 14 27	2°52'58	23° 2	28°34	0°15	13°23	1°29	14°48	4°27	27°29	3°48	7°47	9° 0	27°46	21°13
T 27	20 18 23	3°50'20	6°11	29° 6	1°26	13°58	1°38	14°56	4°29	27°30	3°49	7°44	8°57	27°53	21°17
W28	20 22 20	4°47'42	20°23	29°35	2°37	14°33	1°48	15° 3	4°32	27°31	3°50	7°40	8°54	27°59	21°21
T 29	20 26 16	5°45'06	4°44	29°59	3°48	15° 8	1°57	15°11	4°34	27°32	3°51	7°35	8°50	28° 6	21°25
F 30	20 30 13	6°42'31	19°28	0°18	5° 0	15°44	2° 7	15°18	4°37	27°33	3°51	7°31	8°47	28°13	21°30
S 31	20 34 9	7°39'56	4°28	0°33	6°11	16°19	2°17	15°26	4°39	27°34	3°52	7°27	8°44	28°19	21°34

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23n 9	18n33	4s51	22n 8	1n45	18n22	2s 2	0n28	0n21	1n54	1n17	22n32	0s25	0s51	0n42	17n50	1s41	8n44	12s19	8n11	7n42	11s55	18n 7	4s55
F 2	23 5	18 42	4 18	21 43	1 40	18 37	2 1	0 14	0 19	1 51	1 17	22 31	0 25	0 51	0 42	17 50	1 41	8 44	12 20	8 14	7 43	11 53	18 7	4 55
S 3	23 0	17 34	3 28	21 16	1 36	18 52	1 59	0 1	0 18	1 49	1 17	22 30	0 25	0 52	0 42	17 51	1 41	8 44	12 20	8 17	7 44	11 52	18 8	4 55
S 4	22 55	15 14	2 24	20 49	1 30	19 7	1 57	0s13	0 17	1 46	1 17	22 30	0 25	0 52	0 42	17 51	1 41	8 44	12 20	8 19	7 46	11 50	18 8	4 55
M 5	22 50	11 55	1 10	20 21	1 25	19 21	1 55	0 26	0 16	1 43	1 16	22 29	0 25	0 53	0 42	17 51	1 41	8 44	12 20	8 20	7 47	11 49	18 8	4 56
T 6	22 44	7 53	0n 8	19 52	1 18	19 35	1 53	0 40	0 15	1 40	1 16	22 29	0 25	0 53	0 42	17 52	1 41	8 44	12 20	8 20	7 48	11 48	18 8	4 56
W 7	22 38	3 28	1 24	19 22	1 11	19 49	1 51	0 54	0 14	1 37	1 16	22 28	0 25	0 54	0 42	17 52	1 41	8 44	12 20	8 20	7 49	11 46	18 8	4 56
T 8	22 32	1s 3	2 34	18 52	1 4	20 2	1 49	1 7	0 13	1 34	1 16	22 27	0 25	0 54	0 42	17 52	1 41	8 44	12 20	8 20	7 50	11 45	18 8	4 56
F 9	22 25	5 24	3 33	18 21	0 56	20 14	1 47	1 21	0 11	1 31	1 16	22 27	0 25	0 55	0 42	17 53	1 41	8 45	12 20	8 20	7 52	11 43	18 8	4 56
S 10	22 17	9 23	4 19	17 50	0 48	20 26	1 45	1 35	0 10	1 28	1 15	22 26	0 24	0 56	0 42	17 53	1 41	8 45	12 21	8 20	7 53	11 42	18 8	4 57
S 11	22 10	12 50	4 50	17 19	0 39	20 37	1 42	1 49	0 9	1 24	1 15	22 25	0 24	0 56	0 42	17 53	1 41	8 45	12 21	8 22	7 54	11 40	18 9	4 57
M12	22 2	15 35	5 6	16 47	0 30	20 48	1 40	2 3	0 8	1 21	1 15	22 25	0 24	0 57	0 42	17 54	1 41	8 45	12 21	8 24	7 55	11 39	18 9	4 57
T 13	21 53	17 31	5 6	16 15	0 20	20 59	1 38	2 17	0 7	1 18	1 15	22 24	0 24	0 58	0 42	17 54	1 41	8 45	12 21	8 27	7 56	11 38	18 9	4 57
W14	21 45	18 35	4 51	15 44	0 10	21 9	1 35	2 31	0 6	1 14	1 15	22 23	0 24	0 58	0 42	17 54	1 41	8 45	12 21	8 30	7 58	11 36	18 9	4 58
T 15	21 36	18 44	4 23	15 12	0 21	18 1	1 33	2 45	0 5	1 11	1 14	22 23	0 24	0 59	0 42	17 55	1 41	8 45	12 21	8 33	7 59	11 35	18 9	4 58
F 16	21 26	18 1	3 43	14 41	0s11	21 27	1 30	2 59	0 4	1 8	1 14	22 22	0 24	1 0	0 42	17 55	1 41	8 45	12 22	8 35	8 0	11 33	18 9	4 58
S 17	21 16	16 29	2 53	14 9	0 22	21 35	1 28	3 14	0 3	1 4	1 14	22 21	0 24	1 1	0 42	17 55	1 41	8 45	12 22	8 38	8 1	11 32	18 9	4 59
S 18	21 6	14 15	1 56	13 39	0 33	21 43	1 25	3 28	0 2	1 1	1 14	22 21	0 24	1 1	0 42	17 55	1 41	8 45	12 22	8 39	8 2	11 30	18 9	4 59
M19	20 55	11 26	0 55	13 8	0 44	21 50	1 22	3 42	0 1	0 57	1 14	22 20	0 24	1 2	0 42	17 56	1 41	8 45	12 22	8 40	8 4	11 29	18 9	4 59
T 20	20 44	8 11	0s 9	12 38	0 56	21 57	1 20	3 56	0s 0	0 54	1 14	22 19	0 24	1 3	0 42	17 56	1 41	8 45	12 22	8 40	8 5	11 27	18 9	4 59
W21	20 33	4 36	1 13	12 9	1 8	22 3	1 17	4 11	0 1	0 50	1 13	22 18	0 24	1 4	0 42	17 56	1 41	8 45	12 22	8 40	8 6	11 26	18 9	5 0
T 22	20 21	0 49	2 14	11 40	1 21	22 8	1 14	4 25	0 2	0 46	1 13	22 18	0 23	1 5	0 42	17 56	1 42	8 45	12 23	8 40	8 7	11 25	18 9	5 0
F 23	20 9	3n 3	3 10	11 13	1 33	22 13	1 12	4 39	0 3	0 42	1 13	22 17	0 23	1 6	0 42	17 57	1 42	8 45	12 23	8 39	8 8	11 23	18 9	5 0
S 24	19 57	6 51	3 59	10 46	1 46	22 17	1 9	4 54	0 4	0 39	1 13	22 16	0 23	1 6	0 41	17 57	1 42	8 45	12 23	8 39	8 10	11 22	18 9	5 1
S 25	19 44	10 27	4 37	10 20	1 59	22 21	1 6	5 8	0 5	0 35	1 13	22 15	0 23	1 7	0 41	17 57	1 42	8 45	12 23	8 39	8 11	11 20	18 9	5 1
M26	19 31	13 40	5 2	9 55	2 12	22 24	1 3	5 23	0 6	0 31	1 12	22 15	0 23	1 8	0 41	17 57	1 42	8 44	12 23	8 39	8 12	11 19	18 9	5 1
T 27	19 18	16 16	5 13	9 32	2 24	22 26	1 0	5 37	0 7	0 27	1 12	22 14	0 23	1 9	0 41	17 58	1 42	8 44	12 23	8 41	8 13	11 17	18 9	5 2
W28	19 5	18 2	5 5	9 10	2 37	22 28	0 57	5 52	0 8	0 23	1 12	22 13	0 23	1 10	0 41	17 58	1 42	8 44	12 24	8 42	8 14	11 16	18 9	5 2
T 29	18 51	18 44	4 39	8 50	2 50	22 29	0 55	6 6	0 9	0 19	1 12	22 12	0 23	1 11	0 41	17 58	1 42	8 44	12 24	8 44	8 16	1		

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	20 38 6	8♄37'23	19♂35	0♄43	7♁23	16♂55	2♂27	15♁33	4♂41	27♂35	3♄53	7°R25	8♄41	28♂26	21♄38
M 2	20 42 3	9°34'50	4♄41	0°R48	8°34	17°31	2°36	15°40	4°44	27°36	3°53	7°D24	8°38	28°33	21°42
T 3	20 45 59	10°32'18	19°36	0°48	9°46	18° 7	2°46	15°48	4°46	27°37	3°54	7♄24	8°35	28°39	21°46
W 4	20 49 56	11°29'47	4♂13	0°43	10°58	18°43	2°57	15°55	4°49	27°38	3°55	7°25	8°31	28°46	21°50
T 5	20 53 52	12°27'16	18°29	0°32	12°10	19°19	3° 7	16° 2	4°52	27°39	3°55	7°27	8°28	28°53	21°54
F 6	20 57 49	13°24'46	2♄22	0°16	13°21	19°55	3°17	16°10	4°54	27°40	3°56	7°28	8°25	28°59	21°58
S 7	21 1 45	14°22'17	15°52	29♂55	14°33	20°32	3°27	16°17	4°57	27°41	3°56	7°R28	8°22	29° 6	22° 2
S 8	21 5 42	15°19'49	29° 0	29°28	15°45	21° 8	3°38	16°24	5° 0	27°41	3°57	7°27	8°19	29°12	22° 5
M 9	21 9 38	16°17'22	11♂50	28°57	16°57	21°45	3°48	16°31	5° 3	27°42	3°57	7°26	8°16	29°19	22° 9
T 10	21 13 35	17°14'55	24°23	28°21	18° 9	22°22	3°59	16°38	5° 5	27°43	3°58	7°23	8°12	29°26	22°13
W 11	21 17 32	18°12'30	6♂42	27°41	19°21	22°59	4°10	16°45	5° 8	27°44	3°58	7°21	8° 9	29°32	22°16
T 12	21 21 28	19°10'05	18°51	26°57	20°34	23°36	4°20	16°52	5°11	27°44	3°59	7°18	8° 6	29°39	22°20
F 13	21 25 25	20° 7'42	0♂51	26°10	21°46	24°13	4°31	16°59	5°14	27°45	3°59	7°15	8° 3	29°46	22°23
S 14	21 29 21	21° 5'20	12°45	25°21	22°58	24°50	4°42	17° 6	5°17	27°46	4° 0	7°13	8° 0	29°52	22°27
S 15	21 33 18	22° 2'59	24°35	24°30	24°10	25°28	4°53	17°13	5°20	27°46	4° 0	7°12	7°56	29°59	22°30
M 16	21 37 14	23° 0'39	6♂22	23°39	25°23	26° 5	5° 4	17°20	5°23	27°47	4° 1	7°D12	7°53	0♂ 6	22°34
T 17	21 41 11	23°58'20	18°10	22°48	26°35	26°43	5°15	17°27	5°26	27°47	4° 1	7°12	7°50	0°12	22°37
W 18	21 45 7	24°56'03	0♂ 1	21°59	27°48	27°21	5°26	17°34	5°29	27°48	4° 1	7°13	7°47	0°19	22°40
T 19	21 49 4	25°53'48	11°58	21°13	29° 0	27°58	5°38	17°40	5°32	27°48	4° 2	7°14	7°44	0°26	22°43
F 20	21 53 0	26°51'34	24° 4	20°30	0♂13	28°36	5°49	17°47	5°35	27°48	4° 2	7°15	7°41	0°32	22°46
S 21	21 56 57	27°49'22	6♂23	19°51	1°26	29°14	6° 0	17°54	5°38	27°49	4° 2	7°16	7°37	0°39	22°49
S 22	22 0 54	28°47'11	18°59	19°18	2°38	29°53	6°12	18° 0	5°42	27°49	4° 3	7°16	7°34	0°46	22°52
M 23	22 4 50	29°45'02	1♄55	18°51	3°51	0♄13	6°23	18° 7	5°45	27°49	4° 3	7°R16	7°31	0°52	22°55
T 24	22 8 47	0♄42'55	15°16	18°30	5° 4	1° 9	6°35	18°13	5°48	27°50	4° 3	7°16	7°28	0°59	22°58
W 25	22 12 43	1°40'50	29° 1	18°17	6°17	1°48	6°46	18°20	5°51	27°50	4° 3	7°16	7°25	1° 5	23° 1
T 26	22 16 40	2°38'47	13♁14	18°D12	7°30	2°26	6°58	18°26	5°55	27°50	4° 3	7°15	7°21	1°12	23° 4
F 27	22 20 36	3°36'46	27°50	18°14	8°43	3° 5	7°10	18°32	5°58	27°50	4° 4	7°15	7°18	1°19	23° 7
S 28	22 24 33	4°34'46	12♂46	18°25	9°56	3°44	7°22	18°39	6° 1	27°50	4° 4	7°14	7°15	1°25	23° 9
S 29	22 28 29	5°32'48	27°54	18°44	11° 9	4°23	7°34	18°45	6° 5	27°50	4° 4	7°14	7°12	1°32	23°12
M 30	22 32 26	6°30'51	13♄ 5	19°11	12°22	5° 2	7°45	18°51	6° 8	27°51	4° 4	7°D14	7° 9	1°39	23°14
T 31	22 36 23	7♄28'57	28♄11	19♂47	13♂36	5♄41	7♄57	18♁57	6♄12	27°R51	4♄ 4	7°R14	7♄ 6	1♂45	23♄17

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	18n 7	13n26	1s36	8n 0	3s27	22n29	0s46	6s50	0s12	0n 7	1n12	22n10	0s23	1s14	0n41	17n59	1s42	8n44	12s24	8n48	8n19	11s10	18n 8	5s 3
M 2	17 52	9 34	0 15	7 47	3 39	22 28	0 43	7 4	0 12	0 3	1 11	22 9	0 23	1 15	0 41	17 59	1 42	8 44	12 25	8 48	8 20	11 8	18 8	5 4
T 3	17 36	5 9	1n 7	7 36	3 50	22 26	0 40	7 19	0 13	0s 1	1 11	22 9	0 23	1 16	0 41	17 59	1 42	8 44	12 25	8 48	8 22	11 7	18 8	5 4
W 4	17 21	0 30	3 22	7 28	4 1	22 23	0 37	7 33	0 14	0 5	1 11	22 8	0 23	1 17	0 41	17 59	1 42	8 44	12 25	8 47	8 23	11 5	18 8	5 5
T 5	17 5	4s 3	3 27	7 23	4 11	22 20	0 34	7 48	0 15	0 9	1 11	22 7	0 22	1 18	0 41	17 59	1 42	8 44	12 25	8 47	8 24	11 4	18 8	5 5
F 6	16 48	8 15	4 18	7 20	4 20	22 16	0 31	8 2	0 16	0 13	1 11	22 6	0 22	1 19	0 41	17 59	1 42	8 44	12 25	8 46	8 25	11 2	18 8	5 5
S 7	16 32	11 55	4 53	7 19	4 28	22 12	0 28	8 17	0 17	0 18	1 11	22 5	0 22	1 20	0 41	17 59	1 42	8 44	12 26	8 46	8 26	11 1	18 8	5 6
S 8	16 15	14 52	5 12	7 22	4 35	22 6	0 25	8 32	0 18	0 22	1 11	22 5	0 22	1 22	0 41	18 0	1 42	8 43	12 26	8 47	8 27	10 59	18 7	5 6
M 9	15 58	17 1	5 14	7 27	4 41	22 1	0 22	8 46	0 19	0 26	1 10	22 4	0 22	1 23	0 41	18 0	1 42	8 43	12 26	8 47	8 29	10 58	18 7	5 6
T 10	15 40	18 18	5 2	7 36	4 45	21 54	0 19	9 1	0 19	0 31	1 10	22 3	0 22	1 24	0 41	18 0	1 42	8 43	12 26	8 48	8 30	10 56	18 7	5 7
W 11	15 23	18 42	4 35	7 47	4 48	21 47	0 16	9 15	0 20	0 35	1 10	22 2	0 22	1 25	0 41	18 0	1 43	8 43	12 27	8 49	8 31	10 55	18 7	5 7
T 12	15 5	18 13	3 57	8 0	4 49	21 40	0 13	9 30	0 21	0 39	1 10	22 1	0 22	1 26	0 41	18 0	1 43	8 43	12 27	8 50	8 32	10 53	18 7	5 8
F 13	14 47	16 55	3 8	8 16	4 48	21 31	0 10	9 44	0 22	0 44	1 10	22 1	0 22	1 27	0 41	18 0	1 43	8 43	12 27	8 51	8 33	10 52	18 6	5 8
S 14	14 29	14 54	2 11	8 35	4 46	21 22	0 7	9 59	0 23	0 48	1 10	22 0	0 22	1 29	0 41	18 0	1 43	8 43	12 27	8 52	8 35	10 50	18 6	5 9
S 15	14 10	12 15	1 9	8 56	4 42	21 13	0 5	10 13	0 24	0 53	1 10	21 59	0 22	1 30	0 41	18 0	1 43	8 42	12 27	8 52	8 36	10 49	18 6	5 9
M 16	13 51	9 6	0 5	9 18	4 35	21 3	0 2	10 27	0 24	0 57	1 9	21 58	0 22	1 31	0 41	18 0	1 43	8 42	12 28	8 52	8 37	10 47	18 6	5 9
T 17	13 32	5 36	1s 1	9 42	4 27	20 52	0n 1	10 42	0 25	1 2	1 9	21 57	0 22	1 32	0 41	18 0	1 43	8 42	12 28	8 52	8 38	10 46	18 5	5 10
W 18	13 13	1 53	2 3	10 7	4 17	20 41	0 4	10 56	0 26	1 6	1 9	21 56	0 22	1 33	0 41	18 0	1 43	8 42	12 28	8 52	8 39	10 44	18 5	5 10
T 19	12 54	1n57	3 1	10 33	4 6	20 29	0 7	11 10	0 27	1 11	1 9	21 56	0 22	1 35	0 41	18 0	1 43	8 42	12 28	8 52	8 41	10 43	18 5	5 11
F 20	12 34	5 45	3 52	10 59	3 53	20 16	0 10	11 25	0 27	1 15	1 9	21 55	0 21	1 36	0 41	18 0	1 43	8 42	12 29	8 51	8 42	10 41	18 5	5 11
S 21	12 14	9 21	4 33	11 25	3 38	20 3	0 12	11 39	0 28	1 20	1 9	21 54	0 21	1 37	0 41	18 1	1 43	8 42	12 29	8 51	8 43	10 40	18 4	5 12
S 22	11 54	12 38	5 2	11 50	3 23	19 50	0 15	11 53	0 29	1 25	1 9	21 53	0 21	1 39	0 41	18 1	1 43	8 41	12 29	8 51	8 44	10 38	18 4	5 12
M 23	11 34	15 23	5 16	12 14	3 6	19 35	0 18	12 7	0 30	1 29	1 9	21 52	0 21	1 40	0 41	18 1	1 43	8 41	12 29	8 51	8 45	10 37	18 4	5 12
T 24	11 14	17 25	5 15	12 37	2 48	19 21	0 21	12 21	0 30	1 34	1 9	21 52	0 21	1 41	0 41	18 1	1 43	8 41	12 29	8 51	8 46	10 35	18 3	5 13
W 25	10 53	18 32	4 55	12 58	2 31	19 5	0 23	12 36	0 31	1 39	1 8	21 51	0 21	1 42	0 40	18 1	1 43	8 41	12 30	8 51	8 48	10 34	18 3	5 13
T 26	10 32	18 31	4 17	13 17	2 12	18 49	0 26	12 50	0 32	1 43	1 8	21 50	0 21	1 44	0 40	18 1	1 43	8 41	12 30	8 51	8 49	10 32	18 3	5 14
F 27	10 11	17 18	3 22	13 34	1 54	18 33	0 28	13 4	0 33	1 48	1 8	21 49	0 21	1 45	0 40	18 1	1 43	8 40	12 30	8 51	8 50	10 31	18 2	5 14
S 28	9 50	14 53	2 12	13 48	1 35	18 16	0 31	13 18	0 33	1 53	1 8	21 48	0 21	1 46	0 40	18 0	1 43	8 40	12 30	8 51	8 51	10 29	18 2	5 15
S 29	9 29	11 24	0 52	14 0	1 17	17 58	0 33	13 31	0 34	1 58	1 8	21 48	0 21	1 48	0 40	18 0	1 44	8 40	12 31	8 51	8			

SWISS EPHEMERIS for the year 1886

SEPTEMBER 1886

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	22 40 19	8 ^h 27'03"	13 ^h 1	20 ^h 30	14 ^h 49	6 ^h 21	8 ^h 9	19 ^h 3	6 ^h 15	27 ^h R51	4 ^h II 4	7 ^h R14	7 ^h 2	1 ^h 52	23 ^h II19	
T 2	22 44 16	9 ^h 25'11"	27 ^h 30	21 ^h 21	16 ^h 2	7 ^h 0	8 ^h 22	19 ^h 9	6 ^h 18	27 ^h 51	4 ^h 4	7 ^h II 4	6 ^h 59	1 ^h 59	23 ^h 21	
F 3	22 48 12	10 ^h 23'21"	11 ^h 34	22 ^h 20	17 ^h 16	7 ^h 39	8 ^h 34	19 ^h 15	6 ^h 22	27 ^h 50	4 ^h R 4	7 ^h 14	6 ^h 56	2 ^h 5	23 ^h 24	
S 4	22 52 9	11 ^h 21'32"	25 ^h 12	23 ^h 25	18 ^h 29	8 ^h 19	8 ^h 46	19 ^h 21	6 ^h 25	27 ^h 50	4 ^h 4	7 ^h 13	6 ^h 53	2 ^h 12	23 ^h 26	
S 5	22 56 5	12 ^h 19'45"	8 ^h 23	24 ^h 37	19 ^h 42	8 ^h 59	8 ^h 58	19 ^h 26	6 ^h 29	27 ^h 50	4 ^h 4	7 ^h D13	6 ^h 50	2 ^h 19	23 ^h 28	
M 6	23 0 2	13 ^h 17'59"	21 ^h 11	25 ^h 55	20 ^h 56	9 ^h 38	9 ^h 10	19 ^h 32	6 ^h 33	27 ^h 50	4 ^h 4	7 ^h 13	6 ^h 47	2 ^h 25	23 ^h 30	
T 7	23 3 58	14 ^h 16'15"	3 ^h 39	27 ^h 19	22 ^h 9	10 ^h 18	9 ^h 23	19 ^h 38	6 ^h 36	27 ^h 50	4 ^h 4	7 ^h 14	6 ^h 43	2 ^h 32	23 ^h 32	
W 8	23 7 55	15 ^h 14'32"	15 ^h 52	28 ^h 48	23 ^h 23	10 ^h 58	9 ^h 35	19 ^h 43	6 ^h 40	27 ^h 50	4 ^h 4	7 ^h 14	6 ^h 40	2 ^h 38	23 ^h 34	
T 9	23 11 52	16 ^h 12'50"	27 ^h 53	0 ^h 21	24 ^h 37	11 ^h 38	9 ^h 47	19 ^h 49	6 ^h 43	27 ^h 49	4 ^h 4	7 ^h 15	6 ^h 37	2 ^h 45	23 ^h 35	
F 10	23 15 48	17 ^h 11'11"	9 ^h 46	1 ^h 58	25 ^h 50	12 ^h 19	10 ^h 0	19 ^h 54	6 ^h 47	27 ^h 49	4 ^h 4	7 ^h 16	6 ^h 34	2 ^h 52	23 ^h 37	
S 11	23 19 45	18 ^h 9'33"	21 ^h 35	3 ^h 39	27 ^h 4	12 ^h 59	10 ^h 12	19 ^h 59	6 ^h 51	27 ^h 49	4 ^h 4	7 ^h 17	6 ^h 31	2 ^h 58	23 ^h 39	
S 12	23 23 41	19 ^h 7'56"	3 ^h 23	5 ^h 22	28 ^h 18	13 ^h 39	10 ^h 25	20 ^h 5	6 ^h 54	27 ^h 48	4 ^h 3	7 ^h R17	6 ^h 27	3 ^h 5	23 ^h 40	
M13	23 27 38	20 ^h 6'22"	15 ^h 11	7 ^h 8	29 ^h 32	14 ^h 20	10 ^h 37	20 ^h 10	6 ^h 58	27 ^h 48	4 ^h 3	7 ^h 17	6 ^h 24	3 ^h 12	23 ^h 42	
T 14	23 31 34	21 ^h 4'49"	27 ^h 4	8 ^h 56	0 ^h 46	15 ^h 0	10 ^h 50	20 ^h 15	7 ^h 2	27 ^h 48	4 ^h 3	7 ^h 16	6 ^h 21	3 ^h 18	23 ^h 43	
W15	23 35 31	22 ^h 3'18"	9 ^h 3	10 ^h 45	2 ^h 0	15 ^h 41	11 ^h 2	20 ^h 20	7 ^h 5	27 ^h 47	4 ^h 3	7 ^h 15	6 ^h 18	3 ^h 25	23 ^h 45	
T 16	23 39 27	23 ^h 1'49"	21 ^h 9	12 ^h 35	3 ^h 13	16 ^h 22	11 ^h 15	20 ^h 25	7 ^h 9	27 ^h 47	4 ^h 2	7 ^h 13	6 ^h 15	3 ^h 32	23 ^h 46	
F 17	23 43 24	24 ^h 0'22"	3 ^h 25	14 ^h 26	4 ^h 27	17 ^h 2	11 ^h 27	20 ^h 30	7 ^h 13	27 ^h 46	4 ^h 2	7 ^h 10	6 ^h 12	3 ^h 38	23 ^h 47	
S 18	23 47 21	24 ^h 58'58"	15 ^h 53	16 ^h 18	5 ^h 42	17 ^h 43	11 ^h 40	20 ^h 34	7 ^h 16	27 ^h 46	4 ^h 2	7 ^h 8	6 ^h 8	3 ^h 45	23 ^h 48	
S 19	23 51 17	25 ^h 57'35"	28 ^h 34	18 ^h 10	6 ^h 56	18 ^h 24	11 ^h 53	20 ^h 39	7 ^h 20	27 ^h 45	4 ^h 2	7 ^h 6	6 ^h 5	3 ^h 52	23 ^h 49	
M20	23 55 14	26 ^h 56'15"	11 ^h 33	20 ^h 1	8 ^h 10	19 ^h 5	12 ^h 6	20 ^h 44	7 ^h 24	27 ^h 44	4 ^h 1	7 ^h 4	6 ^h 2	3 ^h 58	23 ^h 50	
T 21	23 59 10	27 ^h 54'57"	24 ^h 49	21 ^h 53	9 ^h 24	19 ^h 47	12 ^h 18	20 ^h 48	7 ^h 28	27 ^h 44	4 ^h 1	7 ^h D 3	5 ^h 59	4 ^h 5	23 ^h 51	
W22	0 3 7	28 ^h 53'41"	8 ^h 27	23 ^h 44	10 ^h 38	20 ^h 28	12 ^h 31	20 ^h 53	7 ^h 31	27 ^h 43	4 ^h 1	7 ^h 3	5 ^h 56	4 ^h 11	23 ^h 52	
T 23	0 7 3	29 ^h 52'28"	22 ^h 26	25 ^h 35	11 ^h 52	21 ^h 9	12 ^h 44	20 ^h 57	7 ^h 35	27 ^h 42	4 ^h 0	7 ^h 4	5 ^h 52	4 ^h 18	23 ^h 53	
F 24	0 11 0	0 ^h 51'17"	6 ^h 46	27 ^h 26	13 ^h 7	21 ^h 51	12 ^h 57	21 ^h 1	7 ^h 39	27 ^h 42	4 ^h 0	7 ^h 6	5 ^h 49	4 ^h 25	23 ^h 53	
S 25	0 14 56	1 ^h 50'08"	21 ^h 25	29 ^h 15	14 ^h 21	22 ^h 32	13 ^h 10	21 ^h 6	7 ^h 43	27 ^h 41	3 ^h 59	7 ^h 7	5 ^h 46	4 ^h 31	23 ^h 54	
S 26	0 18 53	2 ^h 49'01"	6 ^h 18	1 ^h 4	15 ^h 35	23 ^h 14	13 ^h 22	21 ^h 10	7 ^h 46	27 ^h 40	3 ^h 59	7 ^h R 8	5 ^h 43	4 ^h 38	23 ^h 55	
M27	0 22 49	3 ^h 47'56"	21 ^h 20	2 ^h 52	16 ^h 50	23 ^h 56	13 ^h 35	21 ^h 14	7 ^h 50	27 ^h 39	3 ^h 58	7 ^h 7	5 ^h 40	4 ^h 45	23 ^h 55	
T 28	0 26 46	4 ^h 46'54"	6 ^h 21	4 ^h 40	18 ^h 4	24 ^h 38	13 ^h 48	21 ^h 18	7 ^h 54	27 ^h 38	3 ^h 58	7 ^h 5	5 ^h 37	4 ^h 51	23 ^h 55	
W29	0 30 43	5 ^h 45'53"	21 ^h 13	6 ^h 26	19 ^h 19	25 ^h 19	14 ^h 1	21 ^h 21	7 ^h 58	27 ^h 37	3 ^h 57	7 ^h 2	5 ^h 33	4 ^h 58	23 ^h 56	
T 30	0 34 39	6 ^h 44'55"	5 ^h 47	8 ^h 12	20 ^h 33	26 ^h 1	14 ^h 14	21 ^h 25	8 ^h 1	27 ^h 36	3 ^h 57	6 ^h II 8	5 ^h 30	5 ^h 45	23 ^h 56	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	8n24	2s17	3n 6	14n16	0s25	17n 3	0n41	14s13	0s36	2s12	1n 8	21n45	0s21	1s52	0n40	18n 0	1s44	8n39	12s31	8n52	8n56	10s23	18n 1	5s17
T 2	8 3	6 47	4 5	14 15	0 9	16 43	0 43	14 26	0 37	2 17	1 8	21 45	0 21	1 53	0 40	18 0	1 44	8 39	12 32	8 52	8 57	10 21	18 0	5 17
F 3	7 41	10 46	4 47	14 10	0n 6	16 23	0 45	14 40	0 38	2 22	1 8	21 44	0 21	1 55	0 40	18 0	1 44	8 39	12 32	8 52	8 58	10 20	18 0	5 18
S 4	7 19	14 2	5 11	14 2	0 20	16 3	0 48	14 53	0 38	2 26	1 8	21 43	0 20	1 56	0 40	18 0	1 44	8 39	12 32	8 52	8 59	10 18	18 0	5 18
S 5	6 56	16 29	5 18	13 51	0 33	15 42	0 50	15 7	0 39	2 31	1 7	21 42	0 20	1 58	0 40	18 0	1 44	8 38	12 32	8 52	9 1	10 17	17 59	5 19
M 6	6 34	18 2	5 9	13 36	0 45	15 21	0 52	15 20	0 40	2 36	1 7	21 42	0 20	1 59	0 40	18 0	1 44	8 38	12 32	8 52	9 2	10 15	17 59	5 19
T 7	6 12	18 39	4 45	13 18	0 56	14 59	0 54	15 33	0 40	2 41	1 7	21 41	0 20	2 0	0 40	18 0	1 44	8 38	12 33	8 52	9 3	10 14	17 58	5 20
W 8	5 49	18 24	4 9	12 56	1 6	14 37	0 56	15 46	0 41	2 46	1 7	21 40	0 20	2 2	0 40	18 0	1 44	8 38	12 33	8 51	9 4	10 12	17 58	5 20
T 9	5 27	17 18	3 22	12 32	1 15	14 14	0 58	15 59	0 41	2 51	1 7	21 39	0 20	2 3	0 40	18 0	1 44	8 38	12 33	8 51	9 5	10 10	17 58	5 21
F 10	5 4	15 27	2 27	12 4	1 23	13 51	1 0	16 12	0 42	2 56	1 7	21 39	0 20	2 5	0 40	18 0	1 44	8 37	12 33	8 51	9 6	10 9	17 57	5 21
S 11	4 41	12 57	1 26	11 34	1 30	13 28	1 2	16 25	0 43	3 1	1 7	21 38	0 20	2 6	0 40	17 59	1 44	8 37	12 34	8 50	9 8	10 7	17 57	5 22
S 12	4 18	9 56	0 22	11 2	1 36	13 4	1 4	16 38	0 44	3 6	1 7	21 37	0 20	2 8	0 40	17 59	1 44	8 37	12 34	8 50	9 9	10 6	17 56	5 22
M13	3 55	6 31	0s44	10 27	1 40	12 40	1 5	16 51	0 43	3 11	1 7	21 37	0 20	2 9	0 40	17 59	1 44	8 37	12 34	8 50	9 10	10 4	17 56	5 23
T 14	3 32	2 49	1 48	9 50	1 44	12 15	1 7	17 3	0 45	3 16	1 7	21 36	0 20	2 11	0 40	17 59	1 44	8 36	12 34	8 51	9 11	10 3	17 55	5 23
W15	3 9	1n 2	2 47	9 11	1 47	11 50	1 9	17 16	0 45	3 21	1 7	21 35	0 20	2 12	0 40	17 59	1 44	8 36	12 34	8 51	9 12	10 1	17 55	5 24
T 16	2 46	4 52	3 40	8 31	1 49	11 25	1 10	17 28	0 46	3 26	1 7	21 34	0 20	2 13	0 40	17 59	1 44	8 36	12 35	8 52	9 14	9 59	17 54	5 24
F 17	2 23	8 32	4 23	7 49	1 50	11 0	1 12	17 40	0 46	3 31	1 7	21 34	0 20	2 15	0 40	17 58	1 45	8 35	12 35	8 53	9 15	9 58	17 54	5 25
S 18	2 0	11 54	4 54	7 6	1 50	10 34	1 13	17 53	0 47	3 36	1 7	21 33	0 20	2 16	0 40	17 58	1 45	8 35	12 35	8 54	9 16	9 56	17 54	5 25
S 19	1 36	14 46	5 12	6 22	1 49	10 8	1 15	18 5	0 48	3 41	1 7	21 32	0 20	2 18	0 40	17 58	1 45	8 35	12 35	8 55	9 17	9 55	17 53	5 26
M20	1 13	16 59	5 15	5 37	1																			

SWISS EPHEMERIS for the year 1886

OCTOBER 1886

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	0 38 36	7♁43'58	19♁59	9♁57	21♁48	26♁44	14♁27	21♁29	8♁ 5	27°R36	3°R56	6°R53	5♁27	5♁11	23♁56
S 2	0 42 32	8°43'03	3♁43	11°41	23° 2	27°26	14°40	21°32	8° 9	27♁35	3♁56	6♁49	5°24	5°18	23°R56
S 3	0 46 29	9°42'10	17° 1	13°24	24°17	28° 8	14°53	21°36	8°13	27°34	3°55	6°45	5°21	5°25	23°56
M 4	0 50 25	10°41'19	29°52	15° 6	25°32	28°50	15° 6	21°39	8°17	27°33	3°54	6°43	5°18	5°31	23°56
T 5	0 54 22	11°40'30	12♁21	16°48	26°46	29°33	15°19	21°42	8°20	27°32	3°54	6°D43	5°14	5°38	23°56
W 6	0 58 18	12°39'42	24°33	18°29	28° 1	0♁15	15°32	21°46	8°24	27°30	3°53	6°43	5°11	5°45	23°55
T 7	1 2 15	13°38'56	6♁31	20° 8	29°16	0°58	15°45	21°49	8°28	27°29	3°53	6°45	5° 8	5°51	23°55
F 8	1 6 12	14°38'12	18°21	21°48	0♁30	1°41	15°58	21°52	8°32	27°28	3°52	6°47	5° 5	5°58	23°55
S 9	1 10 8	15°37'30	0♁ 9	23°26	1°45	2°23	16°11	21°54	8°36	27°27	3°51	6°48	5° 2	6° 4	23°54
S 10	1 14 5	16°36'49	11°57	25° 4	3° 0	3° 6	16°24	21°57	8°39	27°26	3°50	6°R48	4°58	6°11	23°54
M 11	1 18 1	17°36'10	23°49	26°40	4°15	3°49	16°37	22° 0	8°43	27°25	3°50	6°46	4°55	6°18	23°53
T 12	1 21 58	18°35'34	5°V50	28°17	5°30	4°32	16°50	22° 2	8°47	27°23	3°49	6°43	4°52	6°24	23°52
W 13	1 25 54	19°34'59	17°59	29°52	6°45	5°15	17° 3	22° 5	8°51	27°22	3°48	6°37	4°49	6°31	23°51
T 14	1 29 51	20°34'26	0♁20	1♁27	7°59	5°58	17°16	22° 7	8°54	27°21	3°47	6°30	4°46	6°38	23°50
F 15	1 33 47	21°33'56	12°52	3° 1	9°14	6°41	17°29	22°10	8°58	27°20	3°47	6°22	4°43	6°44	23°49
S 16	1 37 44	22°33'27	25°37	4°35	10°29	7°25	17°42	22°12	9° 2	27°18	3°46	6°14	4°39	6°51	23°48
S 17	1 41 41	23°33'01	8♁34	6° 8	11°44	8° 8	17°55	22°14	9° 5	27°17	3°45	6° 6	4°36	6°58	23°47
M 18	1 45 37	24°32'37	21°43	7°40	12°59	8°52	18° 8	22°16	9° 9	27°16	3°44	6° 0	4°33	7° 4	23°46
T 19	1 49 34	25°32'15	5♁ 6	9°11	14°14	9°35	18°21	22°17	9°13	27°14	3°43	5°56	4°30	7°11	23°45
W 20	1 53 30	26°31'56	18°42	10°42	15°29	10°19	18°34	22°19	9°17	27°13	3°43	5°54	4°27	7°18	23°43
T 21	1 57 27	27°31'39	2♁33	12°13	16°44	11° 2	18°47	22°21	9°20	27°12	3°42	5°D53	4°24	7°24	23°42
F 22	2 1 23	28°31'24	16°38	13°43	18° 0	11°46	19° 0	22°22	9°24	27°10	3°41	5°54	4°20	7°31	23°41
S 23	2 5 20	29°31'12	0♁57	15°12	19°15	12°30	19°13	22°24	9°27	27° 9	3°40	5°R55	4°17	7°37	23°39
S 24	2 9 16	0♁31'01	15°28	16°41	20°30	13°14	19°26	22°25	9°31	27° 7	3°39	5°55	4°14	7°44	23°37
M 25	2 13 13	1°30'53	0♁ 7	18° 9	21°45	13°58	19°38	22°26	9°35	27° 6	3°38	5°52	4°11	7°51	23°36
T 26	2 17 10	2°30'47	14°48	19°36	23° 0	14°42	19°51	22°27	9°38	27° 4	3°37	5°48	4° 8	7°57	23°34
W 27	2 21 6	3°30'43	29°25	21° 3	24°15	15°26	20° 4	22°28	9°42	27° 3	3°36	5°40	4° 4	8° 4	23°32
T 28	2 25 3	4°30'41	13♁51	22°29	25°31	16°10	20°17	22°29	9°45	27° 1	3°35	5°31	4° 1	8°11	23°30
F 29	2 28 59	5°30'41	27°59	23°54	26°46	16°54	20°30	22°30	9°49	27° 0	3°34	5°21	3°58	8°17	23°28
S 30	2 32 56	6°30'42	11♁43	25°19	28° 1	17°39	20°43	22°30	9°52	26°58	3°33	5°11	3°55	8°24	23°26
S 31	2 36 52	7♁30'46	25♁ 3	26♁43	29♁16	18♁23	20♁55	22♁31	9♁56	26♁56	3♁32	5♁ 2	3♁52	8♁31	23♁24

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	3s 4	12s56	5n 0	2s57	1n 5	4n35	1n26	20s18	0s54	4s41	1n 6	21n26	0s19	2s36	0n40	17n55	1s45	8n32	12s38	8n59	9n31	9s36	17n47	5s32
S 2	3 27	15 47	5 13	3 43	0 59	4 6	1 27	20 29	0 54	4 46	1 6	21 25	0 19	2 37	0 40	17 55	1 45	8 31	12 38	9 1	9 32	9 34	17 46	5 33
S 3	3 51	17 42	5 8	4 29	0 53	3 36	1 27	20 39	0 55	4 51	1 6	21 25	0 19	2 39	0 40	17 55	1 45	8 31	12 38	9 2	9 33	9 32	17 46	5 33
M 4	4 14	18 39	4 48	5 14	0 47	3 7	1 28	20 49	0 55	4 56	1 6	21 24	0 19	2 40	0 40	17 55	1 45	8 31	12 38	9 3	9 35	9 31	17 45	5 34
T 5	4 37	18 39	4 15	5 59	0 40	2 38	1 28	20 58	0 56	5 1	1 6	21 24	0 19	2 42	0 40	17 54	1 45	8 30	12 38	9 3	9 36	9 29	17 45	5 34
W 6	5 0	17 46	3 31	6 44	0 34	2 8	1 28	21 8	0 56	5 6	1 6	21 23	0 19	2 43	0 40	17 54	1 45	8 30	12 39	9 3	9 37	9 27	17 44	5 35
T 7	5 23	16 6	2 39	7 28	0 27	1 39	1 29	21 17	0 57	5 11	1 6	21 23	0 18	2 45	0 40	17 54	1 45	8 30	12 39	9 2	9 38	9 26	17 44	5 35
F 8	5 46	13 46	1 38	8 11	0 20	1 9	1 29	21 26	0 57	5 16	1 6	21 22	0 18	2 46	0 40	17 54	1 45	8 30	12 39	9 2	9 39	9 24	17 43	5 36
S 9	6 9	10 52	0 36	8 54	0 14	0 40	1 29	21 35	0 58	5 21	1 6	21 22	0 18	2 48	0 40	17 53	1 46	8 29	12 39	9 1	9 40	9 23	17 43	5 36
S 10	6 32	7 31	0s28	9 36	0 7	0 10	1 29	21 44	0 58	5 26	1 6	21 22	0 18	2 49	0 40	17 53	1 46	8 29	12 39	9 1	9 42	9 21	17 42	5 37
M 11	6 55	3 51	1 31	10 18	0s 0	0s20	1 29	21 53	0 58	5 31	1 6	21 21	0 18	2 51	0 40	17 53	1 46	8 29	12 40	9 2	9 43	9 19	17 42	5 37
T 12	7 17	0n 0	2 31	10 59	0 7	0 50	1 28	22 1	0 59	5 36	1 6	21 21	0 18	2 52	0 40	17 52	1 46	8 28	12 40	9 3	9 44	9 18	17 41	5 38
W 13	7 40	3 54	3 25	11 39	0 14	1 20	1 28	22 10	0 59	5 41	1 6	21 21	0 18	2 54	0 40	17 52	1 46	8 28	12 40	9 5	9 45	9 16	17 41	5 38
T 14	8 2	7 42	4 9	12 19	0 21	1 49	1 28	22 18	1 0	5 46	1 6	21 20	0 18	2 55	0 40	17 52	1 46	8 28	12 40	9 8	9 46	9 14	17 40	5 39
F 15	8 25	11 13	4 43	12 58	0 28	2 19	1 28	22 26	1 0	5 51	1 6	21 20	0 18	2 57	0 40	17 51	1 46	8 28	12 40	9 11	9 47	9 13	17 39	5 39
S 16	8 47	14 16	5 3	13 36	0 35	2 49	1 27	22 33	1 1	5 56	1 6	21 20	0 18	2 58	0 40	17 51	1 46	8 27	12 40	9 14	9 48	9 11	17 39	5 40
S 17	9 9	16 41	5 8	14 13	0 41	3 19	1 27	22 41	1 1	6 1	1 6	21 19	0 18	3 0	0 40	17 51	1 46	8 27	12 40	9 17	9 50	9 9	17 38	5 40
M 18	9 31	18 16	4 57	14 50	0 48	3 48	1 26	22 48	1 1	6 6	1 6	21 19	0 18	3 1	0 40	17 50	1 46	8 27	12 41	9 19	9 51	9 8	17 38	5 41
T 19	9 53	18 52	4 29	15 26	0 55	4 18	1 26	22 55	1 2	6 11	1 6	21 19	0 18	3 2	0 40	17 50	1 46	8 26	12 41	9 21	9 52	9 6	17 37	5 41
W 20	10 14	18 24	3 46	16 1	1 2	4 48	1 25	23 2	1 2	6 16	1 6	21 19	0 18	3 4	0 40	17 50	1 46	8 26	12 41	9 21	9 53	9 5	17 37	5 42
T 21	10 36	16 51	2 50	16 36	1 8	5 17	1 24	23 8	1 2	6 21	1 6	21 19	0 18	3 5	0 40	17 49	1 46	8 26	12 41	9 21	9 54	9 3	17 36	5 42
F 22	10 57	14 14	1 42	17 9	1 15	5 47	1 23	23 15	1 3	6 25	1 6	21 18	0 18	3 7	0 40	17 49	1 46	8 26	12 41	9 21	9 55	9 1	17 36	5 43
S 23	11 19	10 44	0 27	17 42	1 21	6 16	1 23	23 21	1 3	6 30	1 6	21 18	0 17	3 8	0 40	17 49	1 46	8 25	12 41	9 21	9 57	9 0	17 35	5 43
S 24	11 40	6 31	0n51	18 13	1 27	6 45	1 22	23 27	1 3	6 35	1 6	21 18	0 17	3 10	0 40	17 48								

SWISS EPHEMERIS for the year 1886

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	2 40 49	8♎30°51	7♋57	28♎ 6	0♎31	19♌ 8	21♌ 8	22♋31	9♎59	26°R55	3°R31	4°R56	3♎49	8♌37	23°R22
T 2	2 44 45	9°30'57	20°28	29°28	1°47	19°52	21°21	22°31	10° 3	26♋53	3♎30	4♎52	3°45	8°44	23♎19
W 3	2 48 42	10°31'06	2♋41	0♌49	3° 2	20°37	21°33	22°32	10° 6	26°52	3°29	4°50	3°42	8°51	23°17
T 4	2 52 39	11°31'15	14°40	2°10	4°17	21°22	21°46	22°R32	10°10	26°50	3°28	4°D49	3°39	8°57	23°15
F 5	2 56 35	12°31'27	26°30	3°29	5°33	22° 6	21°59	22°32	10°13	26°48	3°27	4°50	3°36	9° 4	23°12
S 6	3 0 32	13°31'39	8♌17	4°46	6°48	22°51	22°11	22°31	10°16	26°47	3°26	4°R50	3°33	9°10	23°10
S 7	3 4 28	14°31'53	20° 7	6° 3	8° 3	23°36	22°24	22°31	10°20	26°45	3°25	4°49	3°29	9°17	23° 7
M 8	3 8 25	15°32'09	2♎ 3	7°18	9°19	24°21	22°36	22°31	10°23	26°43	3°24	4°46	3°26	9°24	23° 4
T 9	3 12 21	16°32'27	14°11	8°31	10°34	25° 6	22°49	22°30	10°26	26°42	3°23	4°39	3°23	9°30	23° 2
W10	3 16 18	17°32'45	26°32	9°42	11°49	25°51	23° 1	22°29	10°29	26°40	3°22	4°31	3°20	9°37	22°59
T 11	3 20 14	18°33'06	9♋ 8	10°51	13° 5	26°36	23°14	22°29	10°32	26°38	3°21	4°19	3°17	9°44	22°56
F 12	3 24 11	19°33'28	22° 0	11°58	14°20	27°21	23°26	22°28	10°36	26°37	3°20	4° 7	3°14	9°50	22°53
S 13	3 28 7	20°33'52	5♎ 6	13° 2	15°35	28° 6	23°38	22°27	10°39	26°35	3°18	3°54	3°10	9°57	22°50
S 14	3 32 4	21°34'17	18°26	14° 3	16°51	28°52	23°51	22°26	10°42	26°33	3°17	3°42	3° 7	10° 4	22°47
M15	3 36 1	22°34'45	1♋57	15° 1	18° 6	29°37	24° 3	22°25	10°45	26°32	3°16	3°31	3° 4	10°10	22°44
T 16	3 39 57	23°35'14	15°38	15°54	19°22	0♋22	24°15	22°23	10°48	26°30	3°15	3°24	3° 1	10°17	22°41
W17	3 43 54	24°35'45	29°25	16°44	20°37	1° 8	24°27	22°22	10°51	26°28	3°14	3°20	2°58	10°24	22°38
T 18	3 47 50	25°36'18	13♎20	17°28	21°52	1°53	24°39	22°20	10°54	26°27	3°13	3°18	2°55	10°30	22°35
F 19	3 51 47	26°36'52	27°20	18° 7	23° 8	2°39	24°51	22°19	10°57	26°25	3°12	3°17	2°51	10°37	22°32
S 20	3 55 43	27°37'28	11♎26	18°39	24°23	3°24	25° 3	22°17	11° 0	26°23	3°11	3°17	2°48	10°44	22°29
S 21	3 59 40	28°38'06	25°37	19° 5	25°39	4°10	25°15	22°15	11° 3	26°22	3°10	3°16	2°45	10°50	22°25
M22	4 3 36	29°38'46	9♌51	19°22	26°54	4°56	25°27	22°13	11° 6	26°20	3° 8	3°12	2°42	10°57	22°22
T 23	4 7 33	0♌39'27	24° 6	19°R31	28°10	5°42	25°39	22°11	11° 8	26°18	3° 7	3° 6	2°39	11° 3	22°19
W24	4 11 30	1°40'10	8♎18	19°31	29°25	6°28	25°50	22° 9	11°11	26°16	3° 6	2°57	2°35	11°10	22°15
T 25	4 15 26	2°40'54	22°21	19°21	0♌40	7°13	26° 2	22° 7	11°14	26°15	3° 5	2°45	2°32	11°17	22°12
F 26	4 19 23	3°41'40	6♌11	19° 0	1°56	7°59	26°14	22° 4	11°17	26°13	3° 4	2°32	2°29	11°23	22° 8
S 27	4 23 19	4°42'27	19°43	18°29	3°11	8°45	26°25	22° 2	11°19	26°11	3° 3	2°19	2°26	11°30	22° 5
S 28	4 27 16	5°43'16	2♋55	17°46	4°27	9°31	26°37	21°59	11°22	26°10	3° 2	2° 7	2°23	11°37	22° 1
M29	4 31 12	6°44'05	15°46	16°53	5°42	10°18	26°48	21°57	11°24	26° 8	3° 0	1°57	2°20	11°43	21°57
T 30	4 35 9	7°44'56	28♋16	15♌50	6♌58	11♋ 4	26♌59	21♋54	11♌27	26♌ 6	2♎59	1♎51	2♎16	11♌50	21♎54

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	14s21	18s57	4n16	21s53	2s11	10s32	1n12	24s 6	1s 6	7s14	1n 6	21n18	0s17	3s21	0n40	17n45	1s46	8n23	12s42	9n42	10n 7	8s45	17n30	5s48
T 2	14 40	18 22	3 34	22 15	2 16	10 59	1 11	24 10	1 6	7 18	1 6	21 18	0 17	3 22	0 40	17 45	1 46	8 23	12 42	9 44	10 8	8 43	17 29	5 48
W 3	14 59	16 56	2 43	22 37	2 20	11 27	1 9	24 13	1 6	7 23	1 6	21 18	0 17	3 23	0 40	17 45	1 46	8 22	12 42	9 45	10 9	8 41	17 29	5 48
T 4	15 18	14 46	1 46	22 57	2 24	11 54	1 8	24 17	1 7	7 28	1 6	21 18	0 17	3 25	0 40	17 44	1 46	8 22	12 42	9 45	10 10	8 40	17 28	5 49
F 5	15 36	12 0	0 44	23 16	2 27	12 20	1 6	24 20	1 7	7 32	1 6	21 18	0 17	3 26	0 40	17 44	1 46	8 22	12 42	9 45	10 12	8 38	17 28	5 49
S 6	15 54	8 45	0s18	23 34	2 31	12 47	1 5	24 23	1 7	7 37	1 7	21 18	0 16	3 27	0 40	17 43	1 46	8 22	12 42	9 45	10 13	8 36	17 27	5 50
S 7	16 12	5 9	1 21	23 51	2 33	13 13	1 3	24 25	1 7	7 42	1 7	21 18	0 16	3 28	0 40	17 43	1 46	8 21	12 43	9 45	10 14	8 34	17 27	5 50
M 8	16 30	1 19	2 20	24 6	2 36	13 38	1 1	24 28	1 8	7 46	1 7	21 18	0 16	3 30	0 40	17 43	1 46	8 21	12 43	9 46	10 15	8 33	17 26	5 50
T 9	16 47	2n38	3 13	24 20	2 38	14 4	0 59	24 30	1 8	7 51	1 7	21 18	0 16	3 31	0 40	17 42	1 46	8 21	12 43	9 48	10 16	8 31	17 26	5 51
W10	17 5	6 32	3 58	24 32	2 39	14 29	0 58	24 31	1 8	7 55	1 7	21 18	0 16	3 32	0 40	17 42	1 46	8 21	12 43	9 52	10 17	8 29	17 25	5 51
T 11	17 21	10 14	4 33	24 44	2 40	14 53	0 56	24 33	1 8	8 0	1 7	21 19	0 16	3 33	0 40	17 41	1 46	8 21	12 43	9 56	10 18	8 28	17 25	5 52
F 12	17 38	13 32	4 54	24 53	2 40	15 17	0 54	24 34	1 9	8 4	1 7	21 19	0 16	3 35	0 40	17 41	1 46	8 20	12 43	10 0	10 20	8 26	17 24	5 52
S 13	17 54	16 14	5 1	25 1	2 40	15 41	0 52	24 35	1 9	8 9	1 7	21 19	0 16	3 36	0 40	17 41	1 46	8 20	12 43	10 5	10 21	8 24	17 24	5 52
S 14	18 10	18 7	4 51	25 8	2 39	16 5	0 50	24 36	1 9	8 13	1 7	21 19	0 16	3 37	0 40	17 40	1 46	8 20	12 43	10 10	10 22	8 23	17 23	5 53
M15	18 26	19 1	4 25	25 13	2 37	16 28	0 48	24 36	1 9	8 18	1 7	21 20	0 16	3 38	0 40	17 40	1 46	8 20	12 43	10 13	10 23	8 21	17 23	5 53
T 16	18 41	18 50	3 44	25 16	2 35	16 50	0 46	24 36	1 9	8 22	1 7	21 20	0 16	3 39	0 40	17 40	1 46	8 19	12 43	10 16	10 24	8 19	17 22	5 53
W17	18 56	17 32	2 49	25 18	2 31	17 13	0 44	24 36	1 10	8 26	1 7	21 20	0 16	3 41	0 40	17 39	1 46	8 19	12 43	10 17	10 25	8 18	17 22	5 54
T 18	19 10	15 10	1 44	25 17	2 26	17 34	0 42	24 36	1 10	8 31	1 7	21 21	0 16	3 42	0 40	17 39	1 46	8 19	12 43	10 18	10 27	8 16	17 21	5 54
F 19	19 25	11 55	0 31	25 15	2 21	17 56	0 40	24 35	1 10	8 35	1 7	21 21	0 16	3 43	0 40	17 38	1 46	8 19	12 43	10 18	10 28	8 14	17 21	5 54
S 20	19 38	7 57	0n43	25 12	2 14	18 16	0 37	24 34	1 10	8 39	1 7	21 21	0 15	3 44	0 40	17 38	1 46	8 19	12 43	10 18	10 29	8 12	17 20	5 55
S 21	19 52	3 30	1 55	25 6	2 6	18 37	0 35	24 33	1 10	8 44	1 7	21 22	0 15	3 45	0 40	17 38	1 46	8 18	12 43	10 19	10 30	8 11	17 20	5 55
M22	20 5	1s 8	3 0	24 58	1 57	18 56	0 33	24 32	1 10	8 48	1 8	21 22	0 15	3 46	0 41	17 37	1 46	8 18	12 43	10 20	10 31	8 9	17 19	5 55
T 23	20 18	5 43	3 54	24 48	1 46	19 16	0 31	24 30	1 10	8 52	1 8	21 22	0 15	3 47	0 41	17 37	1 46	8 18	12 43	10 22	10 32	8 7	17 19	5 56
W24	20 30	9 58	4 33	24 36	1 34	19 34	0 29	24 28	1 10	8 56	1 8	21 23	0 15	3 48	0 41	17 36	1 46	8 18	12 43	10 26	10 33	8 6	17 18	5 56
T 25	20 42	13 36	4 55	24 21	1 20	19 52	0 26	24 26	1 11	9 0	1 8	21 23	0 15	3 49	0 41	17 36	1 46	8 18	12 43	10 30	10 35	8 4	17 18	5 56
F 26	20 54	16 26	5 0	24 5	1 5	20 10	0 24	24 23	1 11	9 4	1 8	21 24	0 15	3 50	0 41	17 36	1 46	8 18	12 43	10 35	10 36	8 2	17 17	5 57
S 27	21 5	18 17	4 47	23 45	0 48	20 27	0 22	24 20	1 11	9 9	1 8	21 24	0 15	3 51	0 41	17 35	1 46	8 17	12 43	10 39	10 37	8 0	17 17	5 57
S 28	21 16	19 7	4 19	23 24	0 30	20 43	0 19	24 17	1 11	9 13	1 8	21 25	0 15	3 52	0 41	17 35	1 46	8 17	12 43	10 44	10 38	7 59	17 16	5 57
M29	21 27	18 55	3 38	23 0	0 11	20 59	0 17	24 14	1 11	9 17	1 8	21 25	0 15	3 53	0 41	17 35	1 46	8 17	12 43	10 47	10 39	7 57	17 16	5 57
T 30	21s3																							

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	4 39 6	8♂45'47	10♁29	14°R39	8♂13	11♁50	27♁11	21°R51	11♁29	26°R 5	2°R58	1°R47	2♁13	11♁57	21°R50
T 2	4 43 2	9°46'39	22°28	13♂21	9°29	12°36	27°22	21♁48	11°32	26♁ 3	2♁57	1♁45	2°10	12° 3	21♁47
F 3	4 46 59	10°47'32	4♁19	11°59	10°44	13°22	27°33	21°45	11°34	26° 2	2°56	1°45	2° 7	12°10	21°43
S 4	4 50 55	11°48'26	16° 7	10°37	12° 0	14° 9	27°44	21°42	11°36	26° 0	2°55	1°45	2° 4	12°17	21°39
S 5	4 54 52	12°49'20	27°57	9°15	13°15	14°55	27°55	21°39	11°39	25°58	2°54	1°44	2° 1	12°23	21°35
M 6	4 58 48	13°50'16	9♁55	7°58	14°31	15°41	28° 6	21°36	11°41	25°57	2°53	1°41	1°57	12°30	21°32
T 7	5 2 45	14°51'12	22° 5	6°47	15°46	16°28	28°17	21°32	11°43	25°55	2°51	1°36	1°54	12°37	21°28
W 8	5 6 41	15°52'08	4♁33	5°46	17° 2	17°14	28°28	21°29	11°45	25°54	2°50	1°28	1°51	12°43	21°24
T 9	5 10 38	16°53'06	17°20	4°54	18°17	18° 1	28°38	21°25	11°48	25°52	2°49	1°17	1°48	12°50	21°20
F 10	5 14 34	17°54'04	0♁27	4°13	19°33	18°47	28°49	21°22	11°50	25°50	2°48	1° 5	1°45	12°56	21°17
S 11	5 18 31	18°55'03	13°55	3°43	20°48	19°34	28°59	21°18	11°52	25°49	2°47	0°53	1°41	13° 3	21°13
S 12	5 22 28	19°56'03	27°39	3°24	22° 4	20°21	29°10	21°14	11°54	25°47	2°46	0°41	1°38	13°10	21° 9
M13	5 26 24	20°57'04	11♁37	3°D17	23°19	21° 7	29°20	21°10	11°56	25°46	2°45	0°31	1°35	13°16	21° 5
T 14	5 30 21	21°58'05	25°44	3°19	24°35	21°54	29°30	21° 6	11°57	25°44	2°44	0°24	1°32	13°23	21° 2
W15	5 34 17	22°59'08	9♁55	3°31	25°50	22°41	29°40	21° 2	11°59	25°43	2°43	0°20	1°29	13°30	20°58
T 16	5 38 14	24° 0'11	24° 7	3°52	27° 6	23°28	29°50	20°58	12° 1	25°41	2°42	0°D18	1°26	13°36	20°54
F 17	5 42 10	25° 1'15	8♁18	4°21	28°21	24°14	0♁ 0	20°54	12° 3	25°40	2°41	0°18	1°22	13°43	20°50
S 18	5 46 7	26° 2'20	22°25	4°56	29°36	25° 1	0°10	20°50	12° 4	25°39	2°40	0°R19	1°19	13°50	20°46
S 19	5 50 4	27° 3'26	6♁28	5°38	0♁52	25°48	0°20	20°46	12° 6	25°37	2°39	0°18	1°16	13°56	20°43
M20	5 54 0	28° 4'32	20°26	6°26	2° 7	26°35	0°29	20°41	12° 8	25°36	2°38	0°16	1°13	14° 3	20°39
T 21	5 57 57	29° 5'40	4♁18	7°18	3°23	27°22	0°39	20°37	12° 9	25°34	2°37	0°12	1°10	14°10	20°35
W22	6 1 53	0♁ 6'48	18° 3	8°15	4°38	28° 9	0°48	20°32	12°11	25°33	2°36	0° 4	1° 7	14°16	20°31
T 23	6 5 50	1° 7'57	1♁39	9°16	5°54	28°56	0°57	20°28	12°12	25°32	2°35	29♁55	1° 3	14°23	20°28
F 24	6 9 46	2° 9'06	15° 3	10°20	7° 9	29°43	1° 7	20°23	12°13	25°30	2°34	29°44	1° 0	14°30	20°24
S 25	6 13 43	3°10'16	28°13	11°27	8°25	0♁30	1°16	20°19	12°15	25°29	2°33	29°34	0°57	14°36	20°20
S 26	6 17 39	4°11'26	11♁ 8	12°37	9°40	1°17	1°25	20°14	12°16	25°28	2°32	29°24	0°54	14°43	20°16
M27	6 21 36	5°12'36	23°47	13°49	10°56	2° 4	1°33	20° 9	12°17	25°27	2°31	29°16	0°51	14°49	20°13
T 28	6 25 33	6°13'46	6♁10	15° 3	12°11	2°51	1°42	20° 5	12°18	25°25	2°30	29°11	0°47	14°56	20° 9
W29	6 29 29	7°14'57	18°19	16°19	13°27	3°38	1°51	20° 0	12°19	25°24	2°29	29° 8	0°44	15° 3	20° 6
T 30	6 33 26	8°16'07	0♁17	17°37	14°42	4°26	1°59	19°55	12°20	25°23	2°28	29°D 7	0°41	15° 9	20° 2
F 31	6 37 22	9♁17'17	12♁ 7	18♁56	15♁58	5♁13	2♁ 8	19♁50	12♁21	25♁22	2♁27	29♁ 8	0♁38	15♁16	19♁59

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	21s46	15s51	1n50	22s 5	0n29	21s29	0n12	24s 6	1s11	9s25	1n 8	21n26	0s15	3s55	0n41	17n34	1s46	8n17	12s42	10n51	10n41	7s53	17n15	5s58
T 2	21 56	13 15	0 49	21 36	0 49	21 43	0 10	24 2	1 11	9 28	1 9	21 27	0 14	3 56	0 41	17 33	1 46	8 17	12 42	10 51	10 42	7 52	17 14	5 58
F 3	22 4	10 9	0s14	21 6	1 9	21 57	0 8	23 58	1 11	9 32	1 9	21 27	0 14	3 57	0 41	17 33	1 46	8 17	12 42	10 51	10 44	7 50	17 14	5 58
S 4	22 13	6 38	1 15	20 36	1 28	22 9	0 5	23 53	1 11	9 36	1 9	21 28	0 14	3 58	0 41	17 33	1 46	8 16	12 42	10 51	10 45	7 48	17 14	5 58
S 5	22 21	2 52	2 14	20 7	1 46	22 21	0 3	23 48	1 11	9 40	1 9	21 29	0 14	3 59	0 41	17 32	1 46	8 16	12 42	10 52	10 46	7 47	17 13	5 59
M 6	22 28	1n 3	3 8	19 39	2 1	22 33	0 0	23 43	1 11	9 44	1 9	21 29	0 14	4 0	0 41	17 32	1 46	8 16	12 42	10 53	10 47	7 45	17 13	5 59
T 7	22 35	4 59	3 54	19 14	2 15	22 44	0s 2	23 37	1 11	9 48	1 9	21 30	0 14	4 1	0 41	17 32	1 46	8 16	12 42	10 55	10 48	7 43	17 12	5 59
W 8	22 42	8 49	4 30	18 52	2 26	22 54	0 4	23 31	1 11	9 51	1 9	21 30	0 14	4 1	0 41	17 31	1 46	8 16	12 42	10 58	10 49	7 41	17 12	5 59
T 9	22 48	12 20	4 53	18 34	2 35	23 3	0 7	23 25	1 11	9 55	1 9	21 31	0 14	4 2	0 41	17 31	1 46	8 16	12 42	11 1	10 50	7 40	17 12	5 59
F 10	22 54	15 20	5 2	18 20	2 42	23 12	0 9	23 19	1 11	9 59	1 9	21 32	0 14	4 3	0 41	17 31	1 46	8 16	12 42	11 6	10 52	7 38	17 11	5 59
S 11	22 59	17 37	4 54	18 10	2 47	23 20	0 12	23 12	1 11	10 2	1 10	21 32	0 14	4 4	0 41	17 30	1 46	8 16	12 42	11 10	10 53	7 36	17 11	5 59
S 12	23 4	18 56	4 29	18 4	2 50	23 27	0 14	23 5	1 11	10 6	1 10	21 33	0 14	4 4	0 41	17 30	1 46	8 16	12 41	11 14	10 54	7 34	17 11	6 0
M13	23 9	19 9	3 48	18 2	2 51	23 33	0 16	22 58	1 11	10 9	1 10	21 34	0 13	4 5	0 41	17 30	1 46	8 15	12 41	11 18	10 55	7 33	17 10	6 0
T 14	23 12	18 11	2 53	18 3	2 50	23 39	0 19	22 51	1 11	10 13	1 10	21 34	0 13	4 6	0 41	17 29	1 46	8 15	12 41	11 20	10 56	7 31	17 10	6 0
W15	23 16	16 4	1 46	18 7	2 48	23 44	0 21	22 43	1 11	10 16	1 10	21 35	0 13	4 7	0 41	17 29	1 46	8 15	12 41	11 22	10 57	7 29	17 10	6 0
T 16	23 19	12 58	0 33	18 14	2 45	23 49	0 23	22 35	1 11	10 19	1 10	21 36	0 13	4 7	0 41	17 29	1 46	8 15	12 41	11 22	10 58	7 27	17 9	6 0
F 17	23 21	9 7	0n43	18 24	2 40	23 52	0 26	22 27	1 11	10 23	1 10	21 37	0 13	4 8	0 41	17 28	1 46	8 15	12 41	11 22	11 0	7 25	17 9	6 0
S 18	23 24	4 46	1 55	18 35	2 35	23 55	0 28	22 18	1 11	10 26	1 10	21 37	0 13	4 9	0 41	17 28	1 46	8 15	12 41	11 22	11 1	7 24	17 9	6 0
S 19	23 25	0 12	3 0	18 48	2 30	23 57	0 30	22 10	1 11	10 29	1 11	21 38	0 13	4 9	0 41	17 28	1 46	8 15	12 41	11 22	11 2	7 22	17 8	6 0
M20	23 26	4s22	3 55	19 3	2 23	23 59	0 32	22 1	1 11	10 33	1 11	21 39	0 13	4 10	0 41	17 28	1 46	8 15	12 40	11 23	11 3	7 20	17 8	6 0
T 21	23 27	8 39	4 34	19 18	2 16	23 59	0 35	21 51	1 11	10 36	1 11	21 40	0 13	4 10	0 41	17 27	1 46	8 15	12 40	11 25	11 4	7 18	17 8	6 0
W22	23 27	12 27	4 58	19 34	2 9	23 59	0 37	21 42	1 11	10 39	1 11	21 40	0 13	4 11	0 41	17 27	1 46	8 15	12 40	11 27	11 5	7 17	17 7	6 0
T 23	23 27	15 32	5 4	19 51	2 1	23 58	0 39	21 32	1 11	10 42	1 11	21 41	0 12	4 11	0 41	17 27	1 46	8 15	12 40	11 30	11 6	7 15	17 7	6 0
F 24	23 26	17 45	4 54	20 8	1 54	23 57	0 41	21 22	1 11	10 45	1 11	21 42	0 12	4 12	0 41	17 26	1 45	8 15	12 40	11 34	11 7	7 13	17 7	6 0
S 25	23 25	18 59	4 28	20 25	1 46	23 54	0 43	21 12	1 10	10 48	1 11	21 43	0 12	4 12	0 41	17 26	1 45	8 15	12 40	11 38	11 9	7 11	17 7	6 0
S 26	23 23	19 11	3 48	20 43	1 37	23 51	0 45	21 2	1 10	10 51	1 12	21 43	0 12	4 13	0 42	17 26	1 45	8 15	12 39	11 41	11 10	7 10	17 6	6 0
M27	23 21	18 26	2 58	21 0	1 29	23 47	0 48	20 51	1 10	10 54	1 12	21 44	0 12	4 13	0 42	17 26	1 45	8 15	12 39	11 44	11 11	7 8	17 6	6 0
T 28	23 18	16 48	2 0	21 17	1 21	23 43	0 50	20 40	1 10	10 57	1 12	21 45	0 12	4 14	0 42	17 25	1 45	8 15	12 39	11 46	11 12	7 6	17 6	6 0
W29	23 15	14 26	0 58	21 33	1 12	23 38	0																	