

SWISS EPHEMERIS for the year 1882

JANUARY 1882

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	6 42 10	10 ³¹ 54	1 ^{II} 7	7 ³ 7	28 ¹⁷ 17	3 ^R 48	16 ^R 22	5 ^R 35	18 ^R 32	13 ^R 55	27 ^R 37	8 ^R 50	7 ^R 17	21 ^Ω 58	17 ^R 57	
M 2	6 46 7	11 ³³ 02	13 ⁴⁴	8 ⁴³	29 ³²	3 ^Ω 25	16 ^Ω 20	5 ^Ω 34	18 ^Ω 32	13 ^Ω 55	27 ^Ω 37	8 ^Ω 50	7 ^Ω 14	22 [°] 4	17 ^Ω 56	
T 3	6 50 3	12 ³⁴ 11	26 ¹¹	10 ¹⁹	0 ^Ω 48	3 [°] 3	16 [°] 18	5 [°] 34	18 [°] 31	13 [°] 54	27 [°] 36	8 [°] 49	7 [°] 10	22 [°] 11	17 [°] 54	
W 4	6 54 0	13 ³⁵ 19	8 ^Ω 29	11 ⁵⁵	2 [°] 3	2 [°] 41	16 [°] 17	5 [°] 33	18 [°] 31	13 [°] 53	27 [°] 35	8 [°] 46	7 [°] 7	22 [°] 18	17 [°] 53	
T 5	6 57 56	14 ³⁶ 27	20 ³⁸	13 ³²	3 [°] 18	2 [°] 20	16 [°] 16	5 [°] 33	18 [°] 30	13 [°] 52	27 [°] 34	8 [°] 41	7 [°] 4	22 [°] 24	17 [°] 51	
F 6	7 1 53	15 ³⁷ 35	2 ^Ω 40	15 [°] 9	4 [°] 34	1 [°] 59	16 [°] 15	5 [°] 33	18 [°] 29	13 [°] 52	27 [°] 34	8 [°] 34	7 [°] 1	22 [°] 31	17 [°] 50	
S 7	7 5 50	16 ³⁸ 43	14 ³⁷	16 ⁴⁷	5 [°] 49	1 [°] 39	16 [°] 14	5 [°] D33	18 [°] 29	13 [°] 51	27 [°] 33	8 [°] 26	6 [°] 58	22 [°] 38	17 [°] 49	
S 8	7 9 46	17 ³⁹ 51	26 ³⁰	18 ²⁵	7 [°] 5	1 [°] 19	16 [°] 13	5 [°] 33	18 [°] 28	13 [°] 51	27 [°] 32	8 [°] 19	6 [°] 55	22 [°] 45	17 [°] 47	
M 9	7 13 43	18 ⁴⁰ 58	8 ^Ω 21	20 [°] 4	8 [°] 20	0 [°] 59	16 [°] 13	5 [°] 33	18 [°] 27	13 [°] 50	27 [°] 32	8 [°] 12	6 [°] 51	22 [°] 51	17 [°] 46	
T 10	7 17 39	19 ⁴² 06	20 ¹⁴	21 ⁴³	9 [°] 35	0 [°] 41	16 [°] D13	5 [°] 33	18 [°] 26	13 [°] 50	27 [°] 31	8 [°] 6	6 [°] 48	22 [°] 58	17 [°] 45	
W 11	7 21 36	20 ⁴³ 13	2 ^Ω 11	23 ²²	10 [°] 51	0 [°] 23	16 [°] 13	5 [°] 34	18 [°] 25	13 [°] 49	27 [°] 30	8 [°] 2	6 [°] 45	23 [°] 5	17 [°] 44	
T 12	7 25 32	21 ⁴⁴ 20	14 ¹⁹	25 [°] 2	12 [°] 6	0 [°] 5	16 [°] 13	5 [°] 34	18 [°] 24	13 [°] 49	27 [°] 30	8 [°] 0	6 [°] 42	23 [°] 12	17 [°] 43	
F 13	7 29 29	22 ⁴⁵ 27	26 ⁴⁰	26 ⁴²	13 [°] 22	29 ^{II} 48	16 [°] 13	5 [°] 35	18 [°] 23	13 [°] 48	27 [°] 29	8 [°] D 0	6 [°] 39	23 [°] 18	17 [°] 42	
S 14	7 33 25	23 ⁴⁶ 34	9 ^Ω 20	28 ²³	14 [°] 37	29 [°] 32	16 [°] 14	5 [°] 36	18 [°] 22	13 [°] 48	27 [°] 29	8 [°] 1	6 [°] 35	23 [°] 25	17 [°] 41	
S 15	7 37 22	24 ⁴⁷ 41	22 ²³	0 ^Ω 4	15 [°] 52	29 [°] 17	16 [°] 15	5 [°] 37	18 [°] 21	13 [°] 48	27 [°] 28	8 [°] 2	6 [°] 32	23 [°] 32	17 [°] 41	
M 16	7 41 19	25 ⁴⁸ 48	5 ^Ω 53	1 [°] 46	17 [°] 8	29 [°] 3	16 [°] 16	5 [°] 38	18 [°] 19	13 [°] 47	27 [°] 28	8 [°] R 3	6 [°] 29	23 [°] 38	17 [°] 40	
T 17	7 45 15	26 ⁴⁹ 54	19 ⁵²	3 [°] 28	18 [°] 23	28 [°] 49	16 [°] 17	5 [°] 39	18 [°] 18	13 [°] 47	27 [°] 27	8 [°] 2	6 [°] 26	23 [°] 45	17 [°] 39	
W 18	7 49 12	27 ⁵¹ 00	4 ^Ω 18	5 [°] 11	19 [°] 39	28 [°] 36	16 [°] 19	5 [°] 40	18 [°] 17	13 [°] 47	27 [°] 27	8 [°] 0	6 [°] 23	23 [°] 52	17 [°] 39	
T 19	7 53 8	28 ⁵² 06	19 [°] 9	6 [°] 53	20 [°] 54	28 [°] 24	16 [°] 20	5 [°] 41	18 [°] 15	13 [°] 47	27 [°] 26	7 [°] 54	6 [°] 20	23 [°] 59	17 [°] 38	
F 20	7 57 5	29 ⁵³ 11	4 ^Ω 16	8 [°] 36	22 [°] 9	28 [°] 12	16 [°] 22	5 [°] 43	18 [°] 14	13 [°] 47	27 [°] 26	7 [°] 47	6 [°] 16	24 [°] 5	17 [°] 38	
S 21	8 1 1	0 ^Ω 54 ¹⁵	19 ²⁹	10 [°] 19	23 [°] 25	28 [°] 2	16 [°] 24	5 [°] 44	18 [°] 13	13 [°] 47	27 [°] 25	7 [°] 39	6 [°] 13	24 [°] 12	17 [°] 37	
S 22	8 4 58	1 [°] 55 ¹⁸	4 ^Ω 39	12 [°] 2	24 [°] 40	27 [°] 52	16 [°] 27	5 [°] 46	18 [°] 11	13 [°] 46	27 [°] 25	7 [°] 30	6 [°] 10	24 [°] 19	17 [°] 37	
M 23	8 8 54	2 [°] 56 ²⁰	19 ³⁵	13 [°] 45	25 [°] 56	27 [°] 43	16 [°] 29	5 [°] 47	18 [°] 10	13 [°] 46	27 [°] 24	7 [°] 23	6 [°] 7	24 [°] 25	17 [°] 37	
T 24	8 12 51	3 [°] 57 ²¹	4 ^Ω 9	15 [°] 28	27 [°] 11	27 [°] 35	16 [°] 32	5 [°] 49	18 [°] 8	13 [°] D46	27 [°] 24	7 [°] 17	6 [°] 4	24 [°] 32	17 [°] 37	
W 25	8 16 48	4 [°] 58 ²¹	18 [°] 17	17 [°] 11	28 [°] 26	27 [°] 27	16 [°] 35	5 [°] 51	18 [°] 6	13 [°] 46	27 [°] 24	7 [°] 13	6 [°] 1	24 [°] 39	17 [°] 37	
T 26	8 20 44	5 [°] 59 ²⁰	1 ^Ω 59	18 [°] 53	29 [°] 42	27 [°] 21	16 [°] 38	5 [°] 53	18 [°] 5	13 [°] 46	27 [°] 23	7 [°] D12	5 [°] 57	24 [°] 46	17 [°] D37	
F 27	8 24 41	7 [°] 0 ¹⁸	15 [°] 16	20 [°] 34	0 ^Ω 57	27 [°] 15	16 [°] 41	5 [°] 55	18 [°] 3	13 [°] 47	27 [°] 23	7 [°] 12	5 [°] 54	24 [°] 52	17 [°] 37	
S 28	8 28 37	8 [°] 1 ¹⁴	28 [°] 11	22 [°] 14	2 [°] 12	27 [°] 10	16 [°] 44	5 [°] 58	18 [°] 1	13 [°] 47	27 [°] 23	7 [°] 13	5 [°] 51	24 [°] 59	17 [°] 37	
S 29	8 32 34	9 [°] 2 [°] 09	10 ^{II} 48	23 [°] 53	3 [°] 28	27 [°] 6	16 [°] 48	6 [°] 0	17 [°] 59	13 [°] 47	27 [°] 22	7 [°] R13	5 [°] 48	25 [°] 6	17 [°] 37	
M 30	8 36 30	10 [°] 3 [°] 03	23 [°] 12	25 [°] 30	4 [°] 43	27 [°] 3	16 [°] 52	6 [°] 3	17 [°] 57	13 [°] 47	27 [°] 22	7 [°] 12	5 [°] 45	25 [°] 12	17 [°] 37	
T 31	8 40 27	11 [°] 3 [°] 56	5 ^Ω 24	27 [°] 5	5 ^Ω 58	27 ^{II} 0	16 [°] 56	6 [°] 5	17 [°] 55	13 [°] Ω47	27 [°] Ω22	7 [°] 8	5 [°] 41	25 [°] Ω19	17 [°] Ω37	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
S 1	23s 2	21n 5	0n42	24s48	1s32	23s20	0n 6	27n 3	3n39	15n45	1s 2	11n 3	2s29	5n16	0n47	14n18	1s48	6n25	13s33	21s47	21s32	9n30	14n34	2s44
M 2	22 57	22 1	0s27	24 46	1 36	23 23	0 4	27 4	3 40	15 44	1 2	11 3	2 29	5 16	0 47	14 18	1 48	6 25	13 33	21 47	21 32	9 27	14 34	2 44
T 3	22 52	21 51	1 33	24 43	1 41	23 26	0 1	27 5	3 40	15 44	1 2	11 3	2 29	5 16	0 47	14 18	1 48	6 25	13 33	21 47	21 31	9 25	14 33	2 44
W 4	22 46	20 37	2 35	24 39	1 44	23 27	0s 1	27 7	3 41	15 44	1 1	11 3	2 28	5 16	0 47	14 18	1 48	6 25	13 32	21 47	21 31	9 23	14 33	2 44
T 5	22 39	18 27	3 28	24 33	1 48	23 28	0 4	27 8	3 42	15 44	1 1	11 3	2 28	5 17	0 47	14 17	1 48	6 26	13 32	21 46	21 30	9 20	14 33	2 44
F 6	22 32	15 30	4 11	24 26	1 51	23 29	0 6	27 8	3 42	15 44	1 1	11 3	2 28	5 17	0 48	14 17	1 48	6 26	13 32	21 45	21 30	9 18	14 32	2 44
S 7	22 25	11 56	4 43	24 17	1 54	23 28	0 8	27 9	3 43	15 44	1 1	11 4	2 27	5 17	0 48	14 17	1 48	6 26	13 32	21 44	21 29	9 16	14 32	2 43
S 8	22 17	7 56	5 3	24 7	1 57	23 27	0 11	27 10	3 43	15 44	1 0	11 4	2 27	5 18	0 48	14 17	1 48	6 26	13 31	21 42	21 29	9 13	14 32	2 43
M 9	22 9	3 40	5 9	23 55	1 59	23 25	0 13	27 10	3 43	15 44	1 0	11 4	2 27	5 18	0 48	14 17	1 48	6 26	13 31	21 41	21 28	9 11	14 32	2 43
T 10	22 0	0s46	5 2	23 42	2 2	23 22	0 16	27 10	3 43	15 45	1 0	11 5	2 27	5 18	0 48	14 17	1 48	6 26	13 31	21 40	21 28	9 9	14 31	2 43
W 11	21 51	5 11	4 42	23 27	2 3	23 19	0 18	27 10	3 43	15 45	0 59	11 5	2 26	5 19	0 48	14 17	1 48	6 26	13 31	21 40	21 27	9 6	14 31	2 43
T 12	21 42	9 29	4 10	23 11	2 4	23 15	0 20	27 10	3 43	15 45	0 59	11 6	2 26	5 19	0 48	14 17	1 48	6 26	13 30	21 39	21 26	9 4	14 31	2 43
F 13	21 32	13 28	3 25	22 53	2 5	23 10	0 23	27 10	3 43	15 46	0 59	11 6	2 26	5 20	0 48	14 17	1 48	6 26	13 30	21 39	21 26	9 1	14 31	2 43
S 14	21 22	16 58	2 29	22 33	2 6	23 4	0 25	27 10	3 43	15 46	0 59	11 7	2 25	5 20	0 48	14 17	1 48	6 27	13 30	21 39	21 25	8 59	14 31	2 43
S 15	21 11	19 43	1 24	22 12	2 6	22 58	0 27	27 10	3 43	15 47	0 58	11 7	2 25	5 21	0 48	14 17	1 48	6 27	13 30	21 40	21 25	8 57	14 30	2 43
M 16	21 0	21 30	0 12	21 49	2 6	22 51	0 30	27 9	3 42	15 47	0 58	11 8	2 25	5 21	0 48	14 17	1 48	6 27	13 29	21 40	21 24	8 54	14 30	2 43
T 17	20 48	22 1	1n 3	21 25	2 5	22 43	0 32	27 9	3 42	15 48	0 58	11 8	2 24	5 22	0 48	14 17	1 48	6 27	13 29	21 40	21 24	8 52	14 30	2 43
W 18	20 36	21 7	2 16	20 59	2 3	22 35	0 34	27 8	3 42	15 49	0 57													

SWISS EPHEMERIS for the year 1882

FEBRUARY 1882

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	8 44 23	12 ²² 4'48	17 ⁵² 29	28 ³³ 37	7 ³³ 13	26 ⁵⁸ 59	17 ⁵ 0	6 ⁸ 8	17 ⁵ R54	13 ⁵ 48	27 ⁵ R22	7 ⁵ R 1	5 ⁵ 38	25 ⁵ 26	17 ⁵ 38
T 2	8 48 20	13 ⁵ 5'38	29 ⁵ 28	0 ⁵ 6	8 ⁵ 29	26 ⁵ II58	17 ⁵ 5	6 ⁵ 11	17 ⁵ 52	13 ⁵ 48	27 ⁵ R22	6 ⁵ 52	5 ⁵ 35	25 ⁵ 33	17 ⁵ 38
F 3	8 52 17	14 ⁶ 6'27	11 ⁵ 24	1 ³ 2	9 ⁵ 44	26 ⁵ D58	17 ⁵ 9	6 ⁵ 14	17 ⁵ 50	13 ⁵ 48	27 ⁵ 21	6 ⁵ 40	5 ⁵ 32	25 ⁵ 39	17 ⁵ 39
S 4	8 56 13	15 ⁷ 7'15	23 ⁵ 17	2 ⁵ 3	10 ⁵ 59	26 ⁵ 58	17 ⁵ 14	6 ⁵ 17	17 ⁵ 48	13 ⁵ 49	27 ⁵ 21	6 ⁵ 27	5 ⁵ 29	25 ⁵ 46	17 ⁵ 39
S 5	9 0 10	16 ⁸ 8'01	5 ⁵ 10	4 ⁵ 8	12 ⁵ 15	27 ⁵ 0	17 ⁵ 19	6 ⁵ 20	17 ⁵ 45	13 ⁵ 49	27 ⁵ 21	6 ⁵ 13	5 ⁵ 26	25 ⁵ 53	17 ⁵ 40
M 6	9 4 6	17 ⁸ 8'47	17 ⁵ 3	5 ⁵ 18	13 ⁵ 30	27 ⁵ 2	17 ⁵ 24	6 ⁵ 23	17 ⁵ 43	13 ⁵ 49	27 ⁵ 21	6 ⁵ 0	5 ⁵ 22	26 ⁵ 0	17 ⁵ 41
T 7	9 8 3	18 ⁹ 9'31	28 ⁵ 58	6 ⁵ 21	14 ⁵ 45	27 ⁵ 4	17 ⁵ 29	6 ⁵ 26	17 ⁵ 41	13 ⁵ 50	27 ⁵ 21	5 ⁵ 49	5 ⁵ 19	26 ⁵ 6	17 ⁵ 41
W 8	9 11 59	19 ⁹ 10'14	10 ⁵ 58	7 ⁵ 17	16 ⁵ 0	27 ⁵ 8	17 ⁵ 35	6 ⁵ 30	17 ⁵ 39	13 ⁵ 50	27 ⁵ 21	5 ⁵ 40	5 ⁵ 16	26 ⁵ 13	17 ⁵ 42
T 9	9 15 56	20 ⁹ 10'56	23 ⁵ 5	8 ⁵ 5	17 ⁵ 15	27 ⁵ 12	17 ⁵ 40	6 ⁵ 33	17 ⁵ 37	13 ⁵ 51	27 ⁵ 21	5 ⁵ 34	5 ⁵ 13	26 ⁵ 20	17 ⁵ 43
F 10	9 19 52	21 ⁹ 11'38	5 ⁵ 24	8 ⁵ 44	18 ⁵ 31	27 ⁵ 17	17 ⁵ 46	6 ⁵ 37	17 ⁵ 35	13 ⁵ 52	27 ⁵ D21	5 ⁵ 31	5 ⁵ 10	26 ⁵ 26	17 ⁵ 44
S 11	9 23 49	22 ⁹ 12'18	18 ⁵ 0	9 ⁵ 14	19 ⁵ 46	27 ⁵ 22	17 ⁵ 52	6 ⁵ 40	17 ⁵ 32	13 ⁵ 52	27 ⁵ 21	5 ⁵ D30	5 ⁵ 7	26 ⁵ 33	17 ⁵ 45
S 12	9 27 46	23 ⁹ 12'56	0 ⁵ 55	9 ⁵ 33	21 ⁵ 1	27 ⁵ 29	17 ⁵ 58	6 ⁵ 44	17 ⁵ 30	13 ⁵ 53	27 ⁵ 21	5 ⁵ R30	5 ⁵ 3	26 ⁵ 40	17 ⁵ 46
M13	9 31 42	24 ⁹ 13'34	14 ⁵ 16	9 ⁵ R43	22 ⁵ 16	27 ⁵ 35	18 ⁵ 5	6 ⁵ 48	17 ⁵ 28	13 ⁵ 53	27 ⁵ 21	5 ⁵ 30	5 ⁵ 0	26 ⁵ 47	17 ⁵ 47
T 14	9 35 39	25 ⁹ 14'11	28 ⁵ 4	9 ⁵ 42	23 ⁵ 31	27 ⁵ 43	18 ⁵ 11	6 ⁵ 52	17 ⁵ 25	13 ⁵ 54	27 ⁵ 21	5 ⁵ 28	4 ⁵ 57	26 ⁵ 53	17 ⁵ 49
W15	9 39 35	26 ⁹ 14'46	12 ⁵ 22	9 ⁵ 30	24 ⁵ 47	27 ⁵ 51	18 ⁵ 18	6 ⁵ 56	17 ⁵ 23	13 ⁵ 55	27 ⁵ 21	5 ⁵ 24	4 ⁵ 54	27 ⁵ 0	17 ⁵ 50
T 16	9 43 32	27 ⁹ 15'21	27 ⁵ 8	9 ⁵ 8	26 ⁵ 2	28 ⁵ 0	18 ⁵ 25	7 ⁵ 0	17 ⁵ 21	13 ⁵ 56	27 ⁵ 21	5 ⁵ 17	4 ⁵ 51	27 ⁵ 7	17 ⁵ 51
F 17	9 47 28	28 ⁹ 15'53	12 ⁵ 35	8 ⁵ 37	27 ⁵ 17	28 ⁵ 9	18 ⁵ 32	7 ⁵ 4	17 ⁵ 18	13 ⁵ 57	27 ⁵ 21	5 ⁵ 8	4 ⁵ 47	27 ⁵ 13	17 ⁵ 53
S 18	9 51 25	29 ⁹ 16'25	27 ⁵ 35	7 ⁵ 56	28 ⁵ 32	28 ⁵ 19	18 ⁵ 39	7 ⁵ 9	17 ⁵ 16	13 ⁵ 57	27 ⁵ 22	4 ⁵ 57	4 ⁵ 44	27 ⁵ 20	17 ⁵ 54
S 19	9 55 21	0 ⁵ 16'54	12 ⁵ 56	7 ⁵ 8	29 ⁵ 47	28 ⁵ 29	18 ⁵ 46	7 ⁵ 13	17 ⁵ 13	13 ⁵ 58	27 ⁵ 22	4 ⁵ 45	4 ⁵ 41	27 ⁵ 27	17 ⁵ 56
M20	9 59 18	1 ⁵ 17'22	28 ⁵ 6	6 ⁵ 14	1 ⁵ 2	28 ⁵ 41	18 ⁵ 53	7 ⁵ 18	17 ⁵ 11	13 ⁵ 59	27 ⁵ 22	4 ⁵ 35	4 ⁵ 38	27 ⁵ 34	17 ⁵ 57
T 21	10 3 15	2 ⁵ 17'48	12 ⁵ 56	5 ⁵ 14	2 ⁵ 17	28 ⁵ 52	19 ⁵ 1	7 ⁵ 22	17 ⁵ 8	14 ⁵ 0	27 ⁵ 22	4 ⁵ 26	4 ⁵ 35	27 ⁵ 40	17 ⁵ 59
W22	10 7 11	3 ⁵ 18'12	27 ⁵ 18	4 ⁵ 10	3 ⁵ 33	29 ⁵ 4	19 ⁵ 9	7 ⁵ 27	17 ⁵ 6	14 ⁵ 1	27 ⁵ 22	4 ⁵ 20	4 ⁵ 32	27 ⁵ 47	18 ⁵ 1
T 23	10 11 8	4 ⁵ 18'35	11 ⁵ 31	3 ⁵ 5	4 ⁵ 48	29 ⁵ 17	19 ⁵ 17	7 ⁵ 32	17 ⁵ 3	14 ⁵ 2	27 ⁵ 23	4 ⁵ 17	4 ⁵ 28	27 ⁵ 54	18 ⁵ 2
F 24	10 15 4	5 ⁵ 18'55	24 ⁵ 35	2 ⁵ 0	6 ⁵ 3	29 ⁵ 30	19 ⁵ 25	7 ⁵ 36	17 ⁵ 1	14 ⁵ 3	27 ⁵ 23	4 ⁵ 16	4 ⁵ 25	28 ⁵ 1	18 ⁵ 4
S 25	10 19 1	6 ⁵ 19'14	7 ⁵ 32	0 ⁵ 56	7 ⁵ 18	29 ⁵ 44	19 ⁵ 33	7 ⁵ 41	16 ⁵ 58	14 ⁵ 4	27 ⁵ 23	4 ⁵ 15	4 ⁵ 22	28 ⁵ 7	18 ⁵ 6
S 26	10 22 57	7 ⁵ 19'30	20 ⁵ 8	29 ⁵ 55	8 ⁵ 33	29 ⁵ 58	19 ⁵ 41	7 ⁵ 46	16 ⁵ 56	14 ⁵ 5	27 ⁵ 24	4 ⁵ 15	4 ⁵ 19	28 ⁵ 14	18 ⁵ 8
M27	10 26 54	8 ⁵ 19'45	2 ⁵ 26	28 ⁵ 57	9 ⁵ 48	0 ⁵ 13	19 ⁵ 50	7 ⁵ 51	16 ⁵ 53	14 ⁵ 6	27 ⁵ 24	4 ⁵ 13	4 ⁵ 16	28 ⁵ 21	18 ⁵ 10
T 28	10 30 50	9 ⁵ 19'57	14 ⁵ 33	28 ⁵ 5	11 ⁵ 3	0 ⁵ 28	19 ⁵ 58	7 ⁵ 57	16 ⁵ 50	14 ⁵ 8	27 ⁵ 24	4 ⁵ 9	4 ⁵ 13	28 ⁵ 27	18 ⁵ 12

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	17s11	19n 3	3s17	12s35	0s40	19s28	1s 2	26n55	3n30	16n 4	0s54	11n22	2s20	5n32	0n48	14n18	1s47	6n30	13s25	21s30	21s15	8n17	14n31	2s42
T 2	16 54	16 21	4 0	11 53	0 28	19 10	1 3	26 54	3 29	16 6	0 53	11 23	2 20	5 33	0 48	14 18	1 47	6 30	13 24	21 28	21 15	8 14	14 31	2 41
F 3	16 36	13 0	4 33	11 11	0 16	18 52	1 5	26 53	3 28	16 7	0 53	11 25	2 19	5 34	0 48	14 18	1 46	6 31	13 24	21 26	21 14	8 12	14 31	2 41
S 4	16 19	9 8	4 53	10 30	0 3	18 33	1 6	26 52	3 27	16 9	0 53	11 26	2 19	5 34	0 49	14 18	1 46	6 31	13 24	21 24	21 14	8 10	14 32	2 41
S 5	16 1	4 57	5 1	9 49	0n11	18 13	1 8	26 50	3 25	16 10	0 52	11 27	2 19	5 35	0 49	14 18	1 46	6 31	13 23	21 22	21 13	8 7	14 32	2 41
M 6	15 42	0 35	4 56	9 10	0 26	17 53	1 9	26 49	3 24	16 12	0 52	11 28	2 19	5 36	0 49	14 18	1 46	6 32	13 23	21 19	21 13	8 5	14 32	2 41
T 7	15 24	3s50	4 37	8 33	0 41	17 33	1 11	26 48	3 23	16 14	0 52	11 30	2 18	5 37	0 49	14 19	1 46	6 32	13 23	21 17	21 12	8 2	14 32	2 41
W 8	15 5	8 7	4 7	7 58	0 56	17 12	1 12	26 47	3 22	16 16	0 52	11 31	2 18	5 38	0 49	14 19	1 46	6 32	13 22	21 16	21 12	8 0	14 33	2 41
T 9	14 46	12 8	3 24	7 25	1 12	16 50	1 13	26 46	3 21	16 17	0 51	11 32	2 18	5 39	0 49	14 19	1 46	6 32	13 22	21 15	21 11	7 58	14 33	2 41
F 10	14 27	15 43	2 32	6 56	1 29	16 28	1 14	26 45	3 19	16 19	0 51	11 34	2 18	5 40	0 49	14 19	1 46	6 33	13 22	21 14	21 10	7 55	14 33	2 41
S 11	14 7	18 40	1 31	6 30	1 45	16 6	1 16	26 44	3 18	16 21	0 51	11 35	2 17	5 40	0 49	14 20	1 46	6 33	13 22	21 14	21 10	7 53	14 34	2 41
S 12	13 47	20 45	0 24	6 7	2 1	15 43	1 17	26 43	3 17	16 23	0 51	11 37	2 17	5 41	0 49	14 20	1 46	6 33	13 21	21 14	21 9	7 51	14 34	2 41
M13	13 27	21 46	0n46	5 49	2 17	15 19	1 18	26 42	3 16	16 25	0 50	11 38	2 17	5 42	0 49	14 20	1 46	6 34	13 21	21 14	21 9	7 48	14 35	2 41
T 14	13 7	21 30	1 56	5 35	2 32	14 55	1 19	26 40	3 14	16 27	0 50	11 40	2 16	5 43	0 49	14 20	1 46	6 34	13 21	21 14	21 8	7 46	14 35	2 40
W15	12 47	19 52	3 2	5 26	2 47	14 31	1 20	26 39	3 13	16 29	0 50	11 41	2 16	5 44	0 49	14 21	1 46	6 34	13 20	21 13	21 8	7 43	14 35	2 40
T 16	12 26	16 52	3 57	5 22	3 0	14 7	1 21	26 38	3 12	16 31	0 50	11 43	2 16	5 45	0 49	14 21	1 46	6 35	13 20	21 12	21 7	7 41	14 36	2 40
F 17	12 5	12 42	4 37	5 23	3 12	13 42	1 21	26 37	3 11	16 34	0 49	11 45	2 16	5 46	0 49	14 21	1 46	6 35	13 20	21 10	21 6	7 39	14 36	2 40
S 18	11 44	7 39	4 58	5 28	3 22	13 16	1 22	26 36	3 9	16 36	0 49	11 46	2 15	5 47	0 49	14 21	1 46	6 35	13 19	21 8	21 6	7 36	14 37	2 40
S 19	11 23	2 8	4 57	5 38	3 31	12 51	1 23	26 35	3 8	16 38	0 49	11 48	2 15	5 48	0 49	14 22	1 45	6 36	13 19	21 6	21 5	7 34	14 37	2 40
M20	11 1	3n27	4 36																					

SWISS EPHEMERIS for the year 1882

MARCH 1882

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Day	Sid.t	☉	☽	♀	♁	♂	♄	♃	♅	♁	♂	♁	♁	♁	♁
W 1	10 34 47	10 ^h 20'08"	26 ^h 31'	27 ^h R19	12 ^h 18'	0 ^h 54'	20 ^h 7'	8 ^h 2'	16 ^h R48	14 ^h 9'	27 ^h 25'	4 ^h R 2	4 ^h 9'	28 ^h 34'	18 ^h 14'
T 2	10 38 44	11 ^h 20'16"	8 ^h 24'	26 ^h 33'	13 ^h 33'	1 ^h 0'	20 ^h 16'	8 ^h 7'	16 ^h 45'	14 ^h 10'	27 ^h 25'	3 ^h 52'	4 ^h 6'	28 ^h 41'	18 ^h 16'
F 3	10 42 40	12 ^h 20'22"	20 ^h 16'	26 ^h 5'	14 ^h 48'	1 ^h 17'	20 ^h 25'	8 ^h 12'	16 ^h 43'	14 ^h 11'	27 ^h 26'	3 ^h 40'	4 ^h 3'	28 ^h 48'	18 ^h 19'
S 4	10 46 37	13 ^h 20'27"	2 ^h 8'	25 ^h 39'	16 ^h 2'	1 ^h 34'	20 ^h 34'	8 ^h 18'	16 ^h 40'	14 ^h 13'	27 ^h 26'	3 ^h 26'	4 ^h 0'	28 ^h 54'	18 ^h 21'
S 5	10 50 33	14 ^h 20'29"	14 ^h 2'	25 ^h 19'	17 ^h 17'	1 ^h 51'	20 ^h 43'	8 ^h 23'	16 ^h 37'	14 ^h 14'	27 ^h 27'	3 ^h 11'	3 ^h 57'	29 ^h 1'	18 ^h 23'
M 6	10 54 30	15 ^h 20'30"	26 ^h 0'	25 ^h 6'	18 ^h 32'	2 ^h 9'	20 ^h 52'	8 ^h 29'	16 ^h 35'	14 ^h 15'	27 ^h 27'	2 ^h 57'	3 ^h 53'	29 ^h 8'	18 ^h 26'
T 7	10 58 26	16 ^h 20'29"	8 ^h 1'	25 ^h D 0	19 ^h 47'	2 ^h 27'	21 ^h 2'	8 ^h 35'	16 ^h 32'	14 ^h 17'	27 ^h 28'	2 ^h 45'	3 ^h 50'	29 ^h 14'	18 ^h 28'
W 8	11 2 23	17 ^h 20'26"	20 ^h 9'	25 ^h 0'	21 ^h 2'	2 ^h 46'	21 ^h 11'	8 ^h 40'	16 ^h 30'	14 ^h 18'	27 ^h 28'	2 ^h 36'	3 ^h 47'	29 ^h 21'	18 ^h 31'
T 9	11 6 19	18 ^h 20'21"	2 ^h 24'	25 ^h 6'	22 ^h 17'	3 ^h 5'	21 ^h 21'	8 ^h 46'	16 ^h 27'	14 ^h 19'	27 ^h 29'	2 ^h 29'	3 ^h 44'	29 ^h 28'	18 ^h 33'
F 10	11 10 16	19 ^h 20'15"	14 ^h 49'	25 ^h 19'	23 ^h 32'	3 ^h 24'	21 ^h 31'	8 ^h 52'	16 ^h 24'	14 ^h 21'	27 ^h 29'	2 ^h 26'	3 ^h 41'	29 ^h 35'	18 ^h 36'
S 11	11 14 12	20 ^h 20'07"	27 ^h 27'	25 ^h 36'	24 ^h 46'	3 ^h 44'	21 ^h 41'	8 ^h 58'	16 ^h 22'	14 ^h 22'	27 ^h 30'	2 ^h D24	3 ^h 38'	29 ^h 41'	18 ^h 39'
S 12	11 18 9	21 ^h 19'57"	10 ^h 23'	25 ^h 59'	26 ^h 1'	4 ^h 4'	21 ^h 51'	9 ^h 4'	16 ^h 19'	14 ^h 24'	27 ^h 31'	2 ^h 24'	3 ^h 34'	29 ^h 48'	18 ^h 41'
M13	11 22 6	22 ^h 19'45"	23 ^h 38'	26 ^h 27'	27 ^h 16'	4 ^h 25'	22 ^h 1'	9 ^h 10'	16 ^h 16'	14 ^h 25'	27 ^h 31'	2 ^h R25	3 ^h 31'	29 ^h 55'	18 ^h 44'
T 14	11 26 2	23 ^h 19'32"	7 ^h 318	26 ^h 59'	28 ^h 31'	4 ^h 45'	22 ^h 11'	9 ^h 16'	16 ^h 14'	14 ^h 27'	27 ^h 32'	2 ^h 24'	3 ^h 28'	0 ^h m 2	18 ^h 47'
W15	11 29 59	24 ^h 19'18"	21 ^h 23'	27 ^h 36'	29 ^h 45'	5 ^h 7'	22 ^h 22'	9 ^h 22'	16 ^h 11'	14 ^h 28'	27 ^h 33'	2 ^h 21'	3 ^h 25'	0 ^h 8'	18 ^h 50'
T 16	11 33 55	25 ^h 19'01"	5 ^h 52'	28 ^h 17'	1 ^h 0'	5 ^h 28'	22 ^h 32'	9 ^h 28'	16 ^h 9'	14 ^h 30'	27 ^h 33'	2 ^h 16'	3 ^h 22'	0 ^h 15'	18 ^h 53'
F 17	11 37 52	26 ^h 18'43"	20 ^h 44'	29 ^h 1'	2 ^h 15'	5 ^h 50'	22 ^h 43'	9 ^h 35'	16 ^h 6'	14 ^h 32'	27 ^h 34'	2 ^h 8'	3 ^h 18'	0 ^h 22'	18 ^h 56'
S 18	11 41 48	27 ^h 18'23"	5 ^h 350	29 ^h 49'	3 ^h 29'	6 ^h 12'	22 ^h 54'	9 ^h 41'	16 ^h 4'	14 ^h 33'	27 ^h 35'	1 ^h 59'	3 ^h 15'	0 ^h 28'	18 ^h 59'
S 19	11 45 45	28 ^h 18'01"	21 ^h 3'	0 ^h 41'	4 ^h 44'	6 ^h 34'	23 ^h 4'	9 ^h 47'	16 ^h 1'	14 ^h 35'	27 ^h 35'	1 ^h 49'	3 ^h 12'	0 ^h 35'	19 ^h 2'
M20	11 49 41	29 ^h 17'37"	6 ^h 110	1 ^h 35'	5 ^h 59'	6 ^h 57'	23 ^h 15'	9 ^h 54'	15 ^h 58'	14 ^h 37'	27 ^h 36'	1 ^h 40'	3 ^h 9'	0 ^h 42'	19 ^h 5'
T 21	11 53 38	0 ^h 17'11"	21 ^h 1'	2 ^h 33'	7 ^h 13'	7 ^h 20'	23 ^h 26'	10 ^h 0'	15 ^h 56'	14 ^h 38'	27 ^h 37'	1 ^h 32'	3 ^h 6'	0 ^h 49'	19 ^h 8'
W22	11 57 35	1 ^h 16'43"	5 ^h 330	3 ^h 33'	8 ^h 28'	7 ^h 43'	23 ^h 37'	10 ^h 7'	15 ^h 53'	14 ^h 40'	27 ^h 38'	1 ^h 27'	3 ^h 3'	0 ^h 55'	19 ^h 11'
T 23	12 1 31	2 ^h 16'12"	19 ^h 30'	4 ^h 36'	9 ^h 42'	8 ^h 7'	23 ^h 48'	10 ^h 14'	15 ^h 51'	14 ^h 42'	27 ^h 39'	1 ^h 24'	2 ^h 59'	1 ^h 2'	19 ^h 14'
F 24	12 5 28	3 ^h 15'40"	3 ^h 112	5 ^h 41'	10 ^h 57'	8 ^h 31'	24 ^h 0'	10 ^h 20'	15 ^h 48'	14 ^h 44'	27 ^h 39'	1 ^h D24	2 ^h 56'	1 ^h 9'	19 ^h 18'
S 25	12 9 24	4 ^h 15'05"	16 ^h 7'	6 ^h 49'	12 ^h 12'	8 ^h 55'	24 ^h 11'	10 ^h 27'	15 ^h 46'	14 ^h 45'	27 ^h 40'	1 ^h 24'	2 ^h 53'	1 ^h 16'	19 ^h 21'
S 26	12 13 21	5 ^h 14'28"	28 ^h 47'	7 ^h 59'	13 ^h 26'	9 ^h 19'	24 ^h 23'	10 ^h 34'	15 ^h 44'	14 ^h 47'	27 ^h 41'	1 ^h 25'	2 ^h 50'	1 ^h 22'	19 ^h 24'
M27	12 17 17	6 ^h 13'48"	11 ^h 9'	9 ^h 11'	14 ^h 41'	9 ^h 44'	24 ^h 34'	10 ^h 40'	15 ^h 41'	14 ^h 49'	27 ^h 42'	1 ^h R25	2 ^h 47'	1 ^h 29'	19 ^h 28'
T 28	12 21 14	7 ^h 13'07"	23 ^h 15'	10 ^h 25'	15 ^h 55'	10 ^h 8'	24 ^h 46'	10 ^h 47'	15 ^h 39'	14 ^h 51'	27 ^h 43'	1 ^h 24'	2 ^h 44'	1 ^h 36'	19 ^h 31'
W29	12 25 10	8 ^h 12'23"	5 ^h 113	11 ^h 41'	17 ^h 9'	10 ^h 34'	24 ^h 57'	10 ^h 54'	15 ^h 36'	14 ^h 53'	27 ^h 44'	1 ^h 20'	2 ^h 40'	1 ^h 42'	19 ^h 34'
T 30	12 29 7	9 ^h 11'36"	17 ^h 5'	12 ^h 59'	18 ^h 24'	10 ^h 59'	25 ^h 9'	11 ^h 1'	15 ^h 34'	14 ^h 55'	27 ^h 45'	1 ^h 14'	2 ^h 37'	1 ^h 49'	19 ^h 38'
F 31	12 33 4	10 ^h 10'47"	28 ^h 56'	14 ^h 19'	19 ^h 38'	11 ^h 52'	25 ^h 21'	11 ^h 8'	15 ^h 32'	14 ^h 57'	27 ^h 46'	1 ^h 7'	2 ^h 34'	1 ^h m 56	19 ^h 42'

Day	☉	☽	♀	♁	♂	♄	♃	♅	♁	♂	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	7s42	16n57	3s59	9s34	3n 1	8s17	1s26	26n23	2n55	17n 2	0s47	12n 6	2s13	5n58	0n49	14n25	1s45	6n39	13s16	20s58	20s59	7n10	14n43	2s39
T 2	7 19 13	48 4 31	9 59	2 49	7 48	1 26	26 21	2 54	17 5	0 46	12 8	2 13	5 59	0 49	14 26	1 45	6 40	13 16	20 56	20 59	7 8	14 44	2 39	
F 3	6 56 10	7 4 52	10 23	2 36	7 19	1 26	26 20	2 53	17 7	0 46	12 10	2 12	6 0	0 49	14 26	1 45	6 40	13 15	20 54	20 58	7 6	14 44	2 39	
S 4	6 33 6	3 5 0	10 44	2 23	6 50	1 26	26 18	2 52	17 10	0 46	12 12	2 12	6 1	0 49	14 27	1 45	6 40	13 15	20 51	20 58	7 3	14 45	2 39	
S 5	6 10 1 45	4 54 11	4 2 9	6 20	1 26	26 17	2 51	17 12	0 46	12 14	2 12	6 2	0 49	14 27	1 45	6 41	13 15	20 48	20 57	7 1	14 46	2 39		
M 6	5 47 2s38	4 36 11	21 1 55	5 51	1 26	26 15	2 49	17 15	0 45	12 16	2 12	6 3	0 49	14 28	1 45	6 41	13 14	20 46	20 56	6 58	14 47	2 39		
T 7	5 24 6 57	4 6 11	37 1 41	5 21	1 25	26 14	2 48	17 18	0 45	12 18	2 11	6 4	0 49	14 28	1 45	6 42	13 14	20 43	20 56	6 56	14 47	2 39		
W 8	5 0 11 1	3 24 11	50 1 27	4 51	1 25	26 12	2 47	17 21	0 45	12 20	2 11	6 5	0 49	14 28	1 45	6 42	13 14	20 42	20 55	6 54	14 48	2 39		
T 9	4 37 14 41	2 32 12	1 1 13	4 21	1 24	26 11	2 46	17 23	0 45	12 22	2 11	6 6	0 49	14 29	1 44	6 42	13 14	20 40	20 55	6 51	14 49	2 39		
F 10	4 13 17 45	1 32 12	10 0 59	3 51	1 24	26 9	2 45	17 26	0 45	12 24	2 11	6 7	0 49	14 29	1 44	6 43	13 13	20 40	20 54	6 49	14 50	2 39		
S 11	3 50 20 2	0 26 12	17 0 45	3 21	1 23	26 7	2 43	17 29	0 44	12 26	2 11	6 8	0 49	14 30	1 44	6 43	13 13	20 39	20 53	6 47	14 50	2 39		
S 12	3 26 21 19	0n42	12 22 0 32	2 51	1 23	26 6	2 42	17 32	0 44	12 28	2 10	6 9	0 49	14 30	1 44	6 44	13 13	20 39	20 53	6 44	14 51	2 39		
M13	3 3 21 28	1 50 12	24 0 19	2 20	1 22	26 4	2 41	17 34	0 44	12 30	2 10	6 10	0 49	14 31	1 44	6 44	13 12	20 39	20 52	6 42	14 52	2 39		
T 14	2 39 20 21	2 54 12	25 0 7	1 50	1 21	26 2	2 40	17 37	0 44	12 32	2 10	6 11	0 49	14 31	1 44	6 44	13 12	20 39	20 52	6 39	14 53	2 39		
W15	2 15 17 59	3 49 12	24 0s 5	1 20	1 20	26 0	2 39	17 40	0 44	12 34	2 10	6 12	0 49	14 32	1 44	6 45	13 12	20 39	20 51	6 37	14 54	2 38		
T 16	1 52 14 25	4 32 12	20 0 17	0 49	1 19	25 58	2 38	17 43	0 43	12 36	2 10	6 13	0 49	14 32	1 44	6 45	13 12	20 38	20 50	6 35	14 54	2 38		
F 17	1 28 9 54	4 57 12	15 0 28	0 18	1 19	25 56	2 36	17 46	0 43	12 39	2 9	6 14	0 49	14 33	1 44	6 46	13 11	20 36	20 50	6 32	14 55	2 38		
S 18	1 4 4 41	5 2 12	8 0 39	0n12	1 18	25 54	2 35	17 49	0 43	12 41	2 9	6 15	0 49	14 33	1 44	6 46	13 11	20 34	20 49	6 30	14 56	2 38		
S 19	0 41 0n50	4 46 12	0 0 49																					

SWISS EPHEMERIS for the year 1882

APRIL 1882

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
S 1	12 37 0	11° 56' 56"	10° 50'	15° 41'	20° 53'	11° 50'	25° 33'	11° 15'	15° R29	14° 58'	27° 47'	0° R57	2° 31'	2° 3'	19° 45'		
S 2	12 40 57	12° 9' 03"	22° 47'	17° 4'	22° 7'	12° 16'	25° 45'	11° 22'	15° 27'	15° 0'	27° 48'	0° 48'	2° 28'	2° 9'	19° 49'		
M 3	12 44 53	13° 8' 08"	4° 51'	18° 29'	23° 21'	12° 42'	25° 57'	11° 29'	15° 25'	15° 2'	27° 49'	0° 38'	2° 24'	2° 16'	19° 52'		
T 4	12 48 50	14° 7' 11"	17° 2'	19° 56'	24° 35'	13° 9'	26° 9'	11° 36'	15° 23'	15° 4'	27° 50'	0° 31'	2° 21'	2° 23'	19° 56'		
W 5	12 52 46	15° 6' 11"	29° 22'	21° 24'	25° 50'	13° 35'	26° 21'	11° 43'	15° 21'	15° 6'	27° 51'	0° 25'	2° 18'	2° 29'	20° 0'		
T 6	12 56 43	16° 5' 10"	11° 51'	22° 54'	27° 4'	14° 2'	26° 34'	11° 51'	15° 18'	15° 8'	27° 52'	0° 21'	2° 15'	2° 36'	20° 3'		
F 7	13 0 39	17° 4' 07"	24° 31'	24° 26'	28° 18'	14° 29'	26° 46'	11° 58'	15° 16'	15° 10'	27° 53'	0° D19	2° 12'	2° 43'	20° 7'		
S 8	13 4 36	18° 3' 02"	7° 23'	25° 59'	29° 32'	14° 56'	26° 58'	12° 5'	15° 14'	15° 12'	27° 54'	0° 19'	2° 9'	2° 50'	20° 11'		
S 9	13 8 32	19° 1' 55"	20° 29'	27° 34'	0° 46'	15° 24'	27° 11'	12° 12'	15° 12'	15° 15'	27° 55'	0° 20'	2° 5'	2° 56'	20° 15'		
M10	13 12 29	20° 0' 47"	3° 51'	29° 11'	2° 1'	15° 51'	27° 24'	12° 20'	15° 10'	15° 17'	27° 56'	0° 22'	2° 3'	3° 3'	20° 19'		
T 11	13 16 26	20° 59' 37"	17° 30'	0° 48'	3° 15'	16° 19'	27° 36'	12° 27'	15° 8'	15° 19'	27° 57'	0° R22	1° 59'	3° 10'	20° 23'		
W12	13 20 22	21° 58' 25"	1° 28'	2° 28'	4° 29'	16° 47'	27° 49'	12° 34'	15° 6'	15° 21'	27° 58'	0° 22'	1° 56'	3° 17'	20° 26'		
T 13	13 24 19	22° 57' 12"	15° 44'	4° 9'	5° 43'	17° 15'	28° 2'	12° 42'	15° 4'	15° 23'	28° 0'	0° 20'	1° 53'	3° 23'	20° 30'		
F 14	13 28 15	23° 55' 56"	0° 16'	5° 52'	6° 57'	17° 43'	28° 14'	12° 49'	15° 2'	15° 25'	28° 1'	0° 17'	1° 50'	3° 30'	20° 34'		
S 15	13 32 12	24° 54' 39"	14° 59'	7° 36'	8° 11'	18° 12'	28° 27'	12° 57'	15° 1'	15° 27'	28° 2'	0° 12'	1° 46'	3° 37'	20° 38'		
S 16	13 36 8	25° 53' 20"	29° 48'	9° 22'	9° 25'	18° 40'	28° 40'	13° 4'	14° 59'	15° 29'	28° 3'	0° 7'	1° 43'	3° 43'	20° 42'		
M17	13 40 5	26° 52' 00"	14° 34'	11° 9'	10° 39'	19° 9'	28° 53'	13° 12'	14° 57'	15° 31'	28° 4'	0° 2'	1° 40'	3° 50'	20° 46'		
T 18	13 44 1	27° 50' 37"	29° 10'	12° 58'	11° 53'	19° 38'	29° 6'	13° 19'	14° 55'	15° 34'	28° 5'	29° 58'	1° 37'	3° 57'	20° 51'		
W19	13 47 58	28° 49' 13"	13° 29'	14° 49'	13° 7'	20° 7'	29° 19'	13° 27'	14° 54'	15° 36'	28° 7'	29° 56'	1° 34'	4° 4'	20° 55'		
T 20	13 51 55	29° 47' 47"	27° 26'	16° 41'	14° 21'	20° 36'	29° 32'	13° 34'	14° 52'	15° 38'	28° 8'	29° D55	1° 30'	4° 10'	20° 59'		
F 21	13 55 51	0° 36' 19"	10° 59'	18° 35'	15° 35'	21° 6'	29° 45'	13° 42'	14° 50'	15° 40'	28° 9'	29° 55'	1° 27'	4° 17'	21° 3'		
S 22	13 59 48	1° 44' 48"	24° 7'	20° 31'	16° 48'	21° 35'	29° 59'	13° 50'	14° 49'	15° 42'	28° 10'	29° 56'	1° 24'	4° 24'	21° 7'		
S 23	14 3 44	2° 43' 16"	6° 52'	22° 28'	18° 2'	22° 5'	0° 12'	13° 57'	14° 47'	15° 45'	28° 11'	29° 58'	1° 21'	4° 30'	21° 11'		
M24	14 7 41	3° 41' 41"	19° 18'	24° 27'	19° 16'	22° 35'	0° 25'	14° 5'	14° 46'	15° 47'	28° 13'	29° 59'	1° 18'	4° 37'	21° 15'		
T 25	14 11 37	4° 40' 05"	1° 28'	26° 27'	20° 30'	23° 5'	0° 39'	14° 12'	14° 45'	15° 49'	28° 14'	0° R 0	1° 15'	4° 44'	21° 20'		
W26	14 15 34	5° 38' 26"	13° 28'	28° 29'	21° 43'	23° 35'	0° 52'	14° 20'	14° 43'	15° 51'	28° 15'	0° 0	1° 11'	4° 51'	21° 24'		
T 27	14 19 30	6° 36' 45"	25° 22'	0° 32'	22° 57'	24° 5'	1° 5'	14° 28'	14° 42'	15° 53'	28° 16'	29° 59'	1° 8'	4° 57'	21° 28'		
F 28	14 23 27	7° 35' 02"	7° 14'	2° 36'	24° 11'	24° 35'	1° 19'	14° 35'	14° 41'	15° 56'	28° 18'	29° 56'	1° 5'	5° 4'	21° 32'		
S 29	14 27 24	8° 33' 17"	19° 9'	4° 42'	25° 25'	25° 6'	1° 32'	14° 43'	14° 39'	15° 58'	28° 19'	29° 53'	1° 2'	5° 11'	21° 36'		
S 30	14 31 20	9° 31' 30"	1° 10'	6° 49'	26° 38'	25° 36'	1° 46'	14° 51'	14° 38'	16° 0'	28° 20'	29° 50'	0° 57'	5° 18'	21° 41'		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
S 1	4n25	2n51	5s 2	7s45	2s17	7n16	0s58	25n15	2n20	18n30	0s41	13n12	2s 7	6n28	0n49	14n41	1s43	6n52	13s 8	20s22	20s41	5n57	15n 9	2s38
S 2	4 48	1s29	4 44	7 16	2 20	7 45	0 56	25 12	2 19	18 33	0 40	13 14	2 7	6 29	0 49	14 42	1 43	6 52	13 7	20 20	20 40	5 54	15 10	2 38
M 3	5 11	5 49	4 14	6 45	2 23	8 15	0 54	25 8	2 18	18 36	0 40	13 17	2 7	6 30	0 49	14 43	1 43	6 53	13 7	20 18	20 39	5 52	15 11	2 38
T 4	5 34	9 57	3 32	6 13	2 25	8 44	0 52	25 5	2 17	18 39	0 40	13 19	2 7	6 31	0 49	14 43	1 43	6 53	13 7	20 16	20 39	5 50	15 12	2 38
W 5	5 57	13 44	2 39	5 40	2 27	9 12	0 50	25 1	2 16	18 42	0 40	13 21	2 6	6 32	0 49	14 44	1 43	6 54	13 7	20 15	20 38	5 47	15 13	2 38
T 6	6 20	16 57	1 38	5 6	2 29	9 41	0 48	24 57	2 15	18 45	0 40	13 24	2 6	6 32	0 49	14 44	1 43	6 54	13 6	20 14	20 37	5 45	15 14	2 38
F 7	6 43	19 25	0 31	4 30	2 30	10 10	0 46	24 53	2 14	18 48	0 40	13 26	2 6	6 33	0 49	14 45	1 43	6 55	13 6	20 14	20 37	5 42	15 15	2 38
S 8	7 5	20 56	0n38	3 53	2 30	10 38	0 44	24 49	2 13	18 51	0 39	13 28	2 6	6 34	0 49	14 46	1 43	6 55	13 6	20 14	20 36	5 40	15 16	2 38
S 9	7 27	21 20	1 47	3 15	2 30	11 6	0 42	24 45	2 12	18 54	0 39	13 31	2 6	6 35	0 48	14 46	1 43	6 55	13 6	20 14	20 36	5 38	15 17	2 38
M10	7 50	20 32	2 52	2 37	2 29	11 33	0 40	24 41	2 11	18 57	0 39	13 33	2 6	6 36	0 48	14 47	1 43	6 56	13 6	20 14	20 35	5 35	15 18	2 38
T 11	8 12	18 32	3 48	1 57	2 28	12 1	0 38	24 37	2 10	19 0	0 39	13 35	2 6	6 36	0 48	14 47	1 43	6 56	13 5	20 14	20 34	5 33	15 19	2 38
W12	8 34	15 25	4 32	1 15	2 26	12 28	0 35	24 32	2 10	19 3	0 39	13 37	2 6	6 37	0 48	14 48	1 43	6 57	13 5	20 14	20 34	5 31	15 20	2 38
T 13	8 56	11 20	5 1	0 33	2 24	12 55	0 33	24 28	2 9	19 6	0 39	13 40	2 6	6 38	0 48	14 49	1 43	6 57	13 5	20 14	20 33	5 28	15 21	2 38
F 14	9 17	6 32	5 11	0n10	2 22	13 21	0 31	24 23	2 8	19 9	0 39	13 42	2 5	6 38	0 48	14 49	1 43	6 58	13 5	20 13	20 32	5 26	15 22	2 38
S 15	9 39	1 18	5 1	0 54	2 18	13 48	0 29	24 18	2 7	19 12	0 38	13 44	2 5	6 39	0 48	14 50	1 43	6 58	13 5	20 12	20 32	5 23	15 23	2 38
S 16	10 0	4n 3	4 30	1 39	2 15	14 13	0 26	24 14	2 6	19 15	0 38	13 47	2 5	6 40	0 48	14 51	1 43	6 58	13 5	20 11	20 31	5 21	15 24	2 38
M17	10 22	9 10	3 42	2 25	2 10	14 39	0 24	24 9	2 5	19 18	0 38	13 49	2 5	6 40	0 48	14 51	1 43	6 59	13 4	20 10	20 30	5 19	15 25	2 38
T 18	10 43	13 41	2 40	3 12	2 6	15 4	0 22	24 4	2 4	19 21	0 38	13 51	2 5	6 41	0 48	14 52	1 43	6 59	13 4	20 9	20 30	5 16	15 26	2 38
W19	11 4	17 18	1 29	3 59	2 1	15 29	0 19	23 58	2 3	19 24	0 38	13 54	2 5	6 42	0 48	14 53	1 43	7 0	13 4	20 9	20 29	5 14	15 27	2 38
T 20	11 24	19 49	0 14	4 48	1 55	15 53	0 17	23 53	2 2	19 27	0 38	13 56	2 5	6 42	0 48	14 53	1 43	7 0	13 4	20 9	20 28	5 12	15 28	2 38
F 21	11 45	21 6	1s 0	5 37	1 49	16 17	0 14	23 48	2 1	19 30	0 38	13 58	2 5	6 43	0 48	14 54	1 43	7 0	13 4	20 9	20 28	5 9	15 29	2 38
S 22	12 5	21 11	2 9	6 27	1 42	16 41	0 12	23 42	2 0	19 33	0 37	14 1	2 5	6 43	0 48	14 55	1 43	7 1	13 4	20 9	20 27	5 7	15 30	2 38
S 23	12 25	20 8	3 9	7 17	1 35	17 4	0 9	23 36	1 59	19 36	0 37	14 3	2 5	6 44	0 48	14 55	1 43	7 1	13 3	20 9	20 27	5 4	15 31	2 38
M24	12 45	18 8	3 58	8 8	1 27	17 27	0 7	23 31	1 59	19 39	0 37	14 5	2 5	6 44	0 48	14 56	1 43	7 2	13 3	20 10	20 26	5 2	15 32	2 38
T 25	13 5	15 21	4 36	8 59	1 19	17 49	0 4	23 25	1 58	19 42	0 37	14 8	2 5	6 45	0 48	14 56	1 43	7 2	13 3	20 10	20 25	5 0	15 33	2 38
W26	13 25	11 58	5 1	9 50	1 11	18 11	0 2	23 19	1 57	19 45	0 37	14 10	2 4	6 45	0 48	14 57	1 43	7 2	13 3	20 10	20 25	4 57	15 34	2 38
T 27	13 44	8 9	5 13	10 42	1 2	18 32	0n 1	23 13	1 56	19 47	0 37	14 12	2 4	6 46	0 48	14 58	1 43	7						

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	14 35 17	10 ⁸ 2941	13 ⁵ 21	8 ⁸ 57	27 ⁸ 52	26 ⁵ 7	1 ^{II} 59	14 ⁸ 59	14 ^R 37	16 ⁸ 2	28 ⁸ 22	29 ^R 47	0 ⁷ 55	5 ^{III} 24	21 ⁸ 45	
T 2	14 39 13	11 ⁰ 2750	25 ² 42	11 ⁰ 6	29 ⁰ 5	26 ⁰ 38	2 ⁰ 13	15 ⁰ 6	14 ^{III} 36	16 ⁰ 5	28 ⁰ 23	29 ^{III} 44	0 ⁰ 52	5 ⁰ 31	21 ⁰ 49	
W 3	14 43 10	12 ⁰ 2558	8 ^{III} 16	13 ⁰ 16	0 ^{II} 19	27 ⁰ 9	2 ⁰ 27	15 ⁰ 14	14 ⁰ 35	16 ⁰ 7	28 ⁰ 24	29 ⁰ 43	0 ⁰ 49	5 ⁰ 38	21 ⁰ 54	
T 4	14 47 6	13 ⁰ 2404	21 ⁰ 3	15 ⁰ 26	1 ⁰ 32	27 ⁰ 40	2 ⁰ 40	15 ⁰ 22	14 ⁰ 34	16 ⁰ 9	28 ⁰ 26	29 ⁰ 42	0 ⁰ 46	5 ⁰ 44	21 ⁰ 58	
F 5	14 51 3	14 ⁰ 2208	4 ⁷ 4	17 ⁰ 36	2 ⁰ 46	28 ⁰ 11	2 ⁰ 54	15 ⁰ 29	14 ⁰ 33	16 ⁰ 11	28 ⁰ 27	29 ⁰ D41	0 ⁰ 43	5 ⁰ 51	22 ⁰ 2	
S 6	14 54 59	15 ⁰ 2010	17 ⁰ 18	19 ⁰ 46	3 ⁰ 59	28 ⁰ 42	3 ⁰ 8	15 ⁰ 37	14 ⁰ 32	16 ⁰ 14	28 ⁰ 28	29 ⁰ 42	0 ⁰ 40	5 ⁰ 58	22 ⁰ 6	
S 7	14 58 56	16 ⁰ 1812	0 ³ 45	21 ⁰ 55	5 ⁰ 13	29 ⁰ 14	3 ⁰ 21	15 ⁰ 45	14 ⁰ 31	16 ⁰ 16	28 ⁰ 29	29 ⁰ 43	0 ⁰ 36	6 ⁰ 5	22 ⁰ 11	
M 8	15 2 53	17 ⁰ 1612	14 ⁰ 24	24 ⁰ 4	6 ⁰ 26	29 ⁰ 45	3 ⁰ 35	15 ⁰ 52	14 ⁰ 31	16 ⁰ 18	28 ⁰ 31	29 ⁰ 44	0 ⁰ 33	6 ⁰ 11	22 ⁰ 15	
T 9	15 6 49	18 ⁰ 1410	28 ⁰ 15	26 ⁰ 12	7 ⁰ 39	0 ⁰ 17	3 ⁰ 49	16 ⁰ 0	14 ⁰ 30	16 ⁰ 20	28 ⁰ 32	29 ⁰ 45	0 ⁰ 30	6 ⁰ 18	22 ⁰ 19	
W10	15 10 46	19 ⁰ 1207	12 ⁰ 17	28 ⁰ 19	8 ⁰ 53	0 ⁰ 48	4 ⁰ 3	16 ⁰ 8	14 ⁰ 29	16 ⁰ 23	28 ⁰ 34	29 ⁰ 45	0 ⁰ 27	6 ⁰ 25	22 ⁰ 24	
T 11	15 14 42	20 ⁰ 1003	26 ⁰ 28	0 ^{II} 24	10 ⁰ 6	1 ⁰ 20	4 ⁰ 17	16 ⁰ 16	14 ⁰ 29	16 ⁰ 25	28 ⁰ 35	29 ⁰ R45	0 ⁰ 24	6 ⁰ 32	22 ⁰ 28	
F 12	15 18 39	21 ⁰ 758	10 ⁷ 46	2 ⁰ 28	11 ⁰ 19	1 ⁰ 52	4 ⁰ 30	16 ⁰ 23	14 ⁰ 28	16 ⁰ 27	28 ⁰ 36	29 ⁰ 45	0 ⁰ 21	6 ⁰ 38	22 ⁰ 33	
S 13	15 22 35	22 ⁰ 551	25 ⁰ 8	4 ⁰ 29	12 ⁰ 33	2 ⁰ 24	4 ⁰ 44	16 ⁰ 31	14 ⁰ 27	16 ⁰ 29	28 ⁰ 38	29 ⁰ 44	0 ⁰ 17	6 ⁰ 45	22 ⁰ 37	
S 14	15 26 32	23 ⁰ 343	9 ⁰ 30	6 ⁰ 28	13 ⁰ 46	2 ⁰ 56	4 ⁰ 58	16 ⁰ 39	14 ⁰ 27	16 ⁰ 32	28 ⁰ 39	29 ⁰ 43	0 ⁰ 14	6 ⁰ 52	22 ⁰ 41	
M15	15 30 28	24 ⁰ 134	23 ⁰ 49	8 ⁰ 25	14 ⁰ 59	3 ⁰ 28	5 ⁰ 12	16 ⁰ 46	14 ⁰ 27	16 ⁰ 34	28 ⁰ 40	29 ⁰ 43	0 ⁰ 11	6 ⁰ 58	22 ⁰ 46	
T 16	15 34 25	24 ⁰ 5924	7 ⁸ 58	10 ⁰ 19	16 ⁰ 12	4 ⁰ 0	5 ⁰ 26	16 ⁰ 54	14 ⁰ 26	16 ⁰ 36	28 ⁰ 42	29 ⁰ 42	0 ⁰ 8	7 ⁰ 5	22 ⁰ 50	
W17	15 38 22	25 ⁰ 5712	21 ⁰ 55	12 ⁰ 11	17 ⁰ 25	4 ⁰ 33	5 ⁰ 40	17 ⁰ 2	14 ⁰ 26	16 ⁰ 38	28 ⁰ 43	29 ⁰ 42	0 ⁰ 5	7 ⁰ 12	22 ⁰ 54	
T 18	15 42 18	26 ⁰ 5459	5 ^{II} 36	14 ⁰ 0	18 ⁰ 39	5 ⁰ 5	5 ⁰ 54	17 ⁰ 9	14 ⁰ 26	16 ⁰ 41	28 ⁰ 44	29 ⁰ D42	0 ⁰ 1	7 ⁰ 19	22 ⁰ 59	
F 19	15 46 15	27 ⁰ 5245	18 ⁰ 58	15 ⁰ 45	19 ⁰ 52	5 ⁰ 38	6 ⁰ 8	17 ⁰ 17	14 ⁰ 25	16 ⁰ 43	28 ⁰ 46	29 ⁰ 42	29 ^{III} 58	7 ⁰ 25	23 ⁰ 3	
S 20	15 50 11	28 ⁰ 5029	2 ⁵ 1	17 ⁰ 28	21 ⁰ 5	6 ⁰ 10	6 ⁰ 22	17 ⁰ 25	14 ⁰ 25	16 ⁰ 45	28 ⁰ 47	29 ⁰ 42	29 ⁰ 55	7 ⁰ 32	23 ⁰ 7	
S 21	15 54 8	29 ⁰ 4812	14 ⁰ 45	19 ⁰ 8	22 ⁰ 18	6 ⁰ 43	6 ⁰ 36	17 ⁰ 32	14 ⁰ 25	16 ⁰ 47	28 ⁰ 48	29 ⁰ R42	29 ⁰ 52	7 ⁰ 39	23 ⁰ 12	
M22	15 58 4	0 ^{II} 4553	27 ⁰ 11	20 ⁰ 44	23 ⁰ 31	7 ⁰ 16	6 ⁰ 50	17 ⁰ 40	14 ⁰ D25	16 ⁰ 50	28 ⁰ 50	29 ⁰ 42	29 ⁰ 49	7 ⁰ 45	23 ⁰ 16	
T 23	16 2 1	1 ⁰ 4333	9 ⁰ 23	22 ⁰ 17	24 ⁰ 44	7 ⁰ 49	7 ⁰ 4	17 ⁰ 47	14 ⁰ 25	16 ⁰ 52	28 ⁰ 51	29 ⁰ 42	29 ⁰ 46	7 ⁰ 52	23 ⁰ 20	
W24	16 5 57	2 ⁰ 4111	21 ⁰ 25	23 ⁰ 48	25 ⁰ 57	8 ⁰ 22	7 ⁰ 18	17 ⁰ 55	14 ⁰ 25	16 ⁰ 54	28 ⁰ 52	29 ⁰ 42	29 ⁰ 42	7 ⁰ 59	23 ⁰ 25	
T 25	16 9 54	3 ⁰ 3848	3 ^{III} 20	25 ⁰ 14	27 ⁰ 10	8 ⁰ 55	7 ⁰ 32	18 ⁰ 2	14 ⁰ 25	16 ⁰ 56	28 ⁰ 54	29 ⁰ D42	29 ⁰ 39	8 ⁰ 6	23 ⁰ 29	
F 26	16 13 51	4 ⁰ 3623	15 ⁰ 13	26 ⁰ 38	28 ⁰ 23	9 ⁰ 28	7 ⁰ 46	18 ⁰ 10	14 ⁰ 25	16 ⁰ 58	28 ⁰ 55	29 ⁰ 42	29 ⁰ 36	8 ⁰ 12	23 ⁰ 33	
S 27	16 17 47	5 ⁰ 3357	27 ⁰ 9	27 ⁰ 58	29 ⁰ 36	10 ⁰ 1	8 ⁰ 0	18 ⁰ 18	14 ⁰ 26	17 ⁰ 0	28 ⁰ 57	29 ⁰ 42	29 ⁰ 33	8 ⁰ 19	23 ⁰ 38	
S 28	16 21 44	6 ⁰ 3129	9 ⁰ 12	29 ⁰ 15	0 ⁵ 48	10 ⁰ 35	8 ⁰ 14	18 ⁰ 25	14 ⁰ 26	17 ⁰ 3	28 ⁰ 58	29 ⁰ 43	29 ⁰ 30	8 ⁰ 26	23 ⁰ 42	
M29	16 25 40	7 ⁰ 2900	21 ⁰ 27	0 ⁵ 28	2 ⁰ 1	11 ⁰ 8	8 ⁰ 28	18 ⁰ 32	14 ⁰ 26	17 ⁰ 5	28 ⁰ 59	29 ⁰ 44	29 ⁰ 27	8 ⁰ 33	23 ⁰ 46	
T 30	16 29 37	8 ⁰ 2630	3 ^{III} 55	1 ⁰ 38	3 ⁰ 14	11 ⁰ 41	8 ⁰ 42	18 ⁰ 40	14 ⁰ 27	17 ⁰ 7	29 ⁰ 1	29 ⁰ 44	29 ⁰ 23	8 ⁰ 39	23 ⁰ 50	
W31	16 33 33	9 ^{II} 2359	16 ^{III} 41	2 ⁵ 44	4 ⁵ 27	12 ⁰ 15	8 ^{II} 56	18 ⁰ 47	14 ^{III} 27	17 ⁸ 9	29 ⁸ 2	29 ^{III} 45	29 ^{III} 20	8 ^{III} 46	23 ⁸ 55	

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat				
M 1	14n59	8s46	3s48	14n 8	0s23	19n52	0n11	22n47	1n52	19n59	0s36	14n22	2s 4	6n48	0n48	15n 0	1s43	7n 4	13s 2	20s 7	20s21	4n46	15n40	2s38
T 2	15 17 12 41	2 57	14 58	0 12	20 11	0 14	22 40	1 52	20 2	0 36	14 24	2 4	6 48	0 48	15 1	1 43	7 5	13 2	20 6	20 21	4 43	15 41	2 38	
W 3	15 35 16 5	1 56	15 48	0 20	20 29	0 16	22 33	1 51	20 4	0 36	14 26	2 4	6 48	0 48	15 2	1 43	7 5	13 2	20 6	20 20	4 41	15 42	2 39	
T 4	15 52 18 48	0 48	16 37	0n 9	20 47	0 19	22 26	1 50	20 7	0 36	14 28	2 4	6 49	0 48	15 2	1 43	7 5	13 2	20 6	20 19	4 38	15 43	2 39	
F 5	16 10 20 35	0n24	17 24	0 21	22 19	0 21	22 19	1 49	20 10	0 36	14 31	2 4	6 49	0 48	15 3	1 43	7 6	13 2	20 6	20 19	4 36	15 44	2 39	
S 6	16 27 21 15	1 36	18 10	0 30	21 21	0 24	22 12	1 48	20 13	0 36	14 33	2 4	6 49	0 48	15 4	1 43	7 6	13 2	20 6	20 18	4 34	15 45	2 39	
S 7	16 43 20 44	2 43	18 54	0 40	21 37	0 26	22 5	1 47	20 15	0 36	14 35	2 4	6 50	0 48	15 4	1 43	7 7	13 2	20 6	20 17	4 31	15 46	2 39	
M 8	17 0 18 59	3 43	19 37	0 51	21 52	0 29	21 57	1 47	20 18	0 35	14 37	2 4	6 50	0 48	15 5	1 43	7 7	13 2	20 6	20 17	4 29	15 47	2 39	
T 9	17 16 16 7	4 30	20 18	1 0	22 7	0 31	21 50	1 46	20 21	0 35	14 40	2 4	6 50	0 47	15 6	1 43	7 7	13 2	20 7	20 16	4 27	15 48	2 39	
W10	17 32 12 17	5 2	20 56	1 10	22 21	0 34	21 42	1 45	20 24	0 35	14 42	2 4	6 50	0 47	15 6	1 43	7 8	13 2	20 7	20 15	4 24	15 49	2 39	
T 11	17 48 7 45	5 16	21 32	1 19	22 35	0 36	21 34	1 44	20 26	0 35	14 44	2 4	6 51	0 47	15 7	1 43	7 8	13 1	20 7	20 15	4 22	15 50	2 39	
F 12	18 3 2 44	5 11	22 6	1 28	22 48	0 39	21 26	1 43	20 29	0 35	14 46	2 4	6 51	0 47	15 7	1 43	7 8	13 1	20 7	20 14	4 20	15 51	2 39	
S 13	18 18 2n27	4 46	22 37	1 36	23 0	0 41	21 18	1 43	20 31	0 35	14 48	2 4	6 51	0 47	15 8	1 43	7 9	13 1	20 6	20 13	4 17	15 52	2 39	
S 14	18 33 7 30	4 4	23 6	1 43	23 11	0 44	21 10	1 42	20 34	0 35	14 51	2 4	6 51	0 47	15 9	1 43	7 9	13 1	20 6	20 13	4 15	15 53	2 39	
M15	18 47 12 8	3 6	23 32	1 50	23 22	0 46	21 2	1 41	20 37	0 35	14 53	2 4	6 51	0 47	15 9	1 43	7 9	13 1	20 6	20 12	4 12	15 54	2 39	
T 16	19 2 16 2	1 58	23 55	1 56	23 33	0 49	20 53	1 40	20 39	0 35	14 55	2 4	6 51	0 47	15 10	1 43	7 10	13 1	20 6	20 11	4 10	15 55	2 40	
W17	19 15 18 57	0 43	24 16	2 1	23 42	0 51	20 45	1 39	20 42	0 34	14 57	2 4	6 51	0 47	15 11	1 43	7 10	13 1	20 6	20 11	4 8	15 56	2 40	
T 18	19 29 20 43	0s33	24 35	2 6	23 51	0 53	20 36	1 39	20 44	0 34	14 59	2 4	6 51	0 47	15 11	1 43	7 10	13 1	20 6	20 10	4 5	15 57	2	

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T 1	16 37 30	10II21'27	29III45	3Ω47	5Ω39	12Ω49	9II10	18Ω55	14II28	17Ω11	29Ω 3	29°R45	29III17	8II53	23Ω59					
F 2	16 41 26	11°18'53	13♂7	4°46	6°52	13°22	9°24	19° 2	14°28	17°13	29° 5	29III45	29°14	8°59	24° 3					
S 3	16 45 23	12°16'19	26°46	5°41	8° 5	13°56	9°38	19° 9	14°29	17°15	29° 6	29°44	29°11	9° 6	24° 7					
S 4	16 49 20	13°13'44	10Ω40	6°32	9°17	14°30	9°52	19°17	14°29	17°17	29° 7	29°43	29° 7	9°13	24°12					
M 5	16 53 16	14°11'08	24°45	7°20	10°30	15° 4	10° 6	19°24	14°30	17°19	29° 9	29°41	29° 4	9°20	24°16					
T 6	16 57 13	15° 8'31	8Ω59	8° 3	11°42	15°38	10°20	19°31	14°31	17°21	29°10	29°39	29° 1	9°26	24°20					
W 7	17 1 9	16° 5'54	23°16	8°43	12°55	16°12	10°34	19°38	14°32	17°24	29°11	29°38	28°58	9°33	24°24					
T 8	17 5 6	17° 3'16	7♂33	9°18	14° 7	16°46	10°48	19°46	14°33	17°26	29°12	29°37	28°55	9°40	24°28					
F 9	17 9 2	18° 0'37	21°47	9°49	15°19	17°20	11° 2	19°53	14°33	17°28	29°14	29°D37	28°52	9°46	24°32					
S 10	17 12 59	18°57'58	5♀56	10°16	16°32	17°54	11°16	20° 0	14°34	17°30	29°15	29°37	28°48	9°53	24°36					
S 11	17 16 55	19°55'19	19°58	10°38	17°44	18°29	11°30	20° 7	14°35	17°32	29°16	29°38	28°45	10° 0	24°40					
MI2	17 20 52	20°52'39	3Ω50	10°56	18°57	19° 3	11°44	20°14	14°37	17°34	29°18	29°40	28°42	10° 7	24°44					
T 13	17 24 49	21°49'59	17°33	11° 9	20° 9	19°37	11°57	20°21	14°38	17°35	29°19	29°41	28°39	10°13	24°48					
W14	17 28 45	22°47'19	1II 4	11°17	21°21	20°12	12°11	20°28	14°39	17°37	29°20	29°R41	28°36	10°20	24°52					
T 15	17 32 42	23°44'38	14°21	11°R22	22°33	20°46	12°25	20°35	14°40	17°39	29°21	29°40	28°33	10°27	24°56					
F 16	17 36 38	24°41'56	27°25	11°21	23°45	21°21	12°39	20°42	14°41	17°41	29°23	29°39	28°29	10°34	25° 0					
S 17	17 40 35	25°39'14	10Ω15	11°16	24°58	21°56	12°53	20°48	14°43	17°43	29°24	29°35	28°26	10°40	25° 4					
S 18	17 44 31	26°36'32	22°50	11° 7	26°10	22°31	13° 7	20°55	14°44	17°45	29°25	29°31	28°23	10°47	25° 8					
M19	17 48 28	27°33'48	5Ω12	10°53	27°22	23° 5	13°20	21° 2	14°45	17°47	29°26	29°27	28°20	10°54	25°12					
T 20	17 52 25	28°31'04	17°22	10°36	28°34	23°40	13°34	21° 9	14°47	17°49	29°28	29°22	28°17	11° 0	25°16					
W21	17 56 21	29°28'20	29°22	10°15	29°46	24°15	13°48	21°15	14°48	17°50	29°29	29°18	28°13	11° 7	25°20					
T 22	18 0 18	0Ω25'35	11II17	9°50	0Ω58	24°50	14° 2	21°22	14°50	17°52	29°30	29°15	28°10	11°14	25°24					
F 23	18 4 14	1°22'49	23° 9	9°22	2°10	25°25	14°15	21°28	14°52	17°54	29°31	29°14	28° 7	11°21	25°27					
S 24	18 8 11	2°20'02	5♁ 4	8°52	3°21	26° 1	14°29	21°35	14°53	17°56	29°32	29°D13	28° 4	11°27	25°31					
S 25	18 12 7	3°17'15	17° 7	8°19	4°33	26°36	14°42	21°41	14°55	17°57	29°34	29°14	28° 1	11°34	25°35					
M26	18 16 4	4°14'28	29°21	7°45	5°45	27°11	14°56	21°48	14°57	17°59	29°35	29°16	27°58	11°41	25°38					
T 27	18 20 0	5°11'40	11III52	7° 9	6°57	27°46	15°10	21°54	14°59	18° 1	29°36	29°17	27°54	11°47	25°42					
W28	18 23 57	6° 8'52	24°43	6°33	8° 8	28°22	15°23	22° 0	15° 0	18° 2	29°37	29°R18	27°51	11°54	25°46					
T 29	18 27 53	7° 6'03	7♂58	5°58	9°20	28°57	15°37	22° 7	15° 2	18° 4	29°38	29°18	27°48	12° 1	25°49					
F 30	18 31 50	8Ω 3'14	21♂36	5Ω22	10Ω31	29Ω33	15II50	22Ω13	15II 4	18Ω 6	29Ω39	29III16	27III45	12II 8	25Ω53					

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat			
T 1	22n 1	20s 7	0 s 0	25n 9	1n45	24n42	1n23	18n23	1n28	21n18	0s33	15n28	2s 4	6n50	0n46	15n20	1s43	7n14	13s 1	20s 7	20s 1	3n32	16n10	2s41
F 2	22 9 21	10 11	1n13	24 59	1 37	24 41	1 24	18 13	1 27	21 20	0 33	15 30	2 4	6 50	0 46	15 20	1 43	7 14	13 1	20 7	20 0	3 30	16 11	2 41
S 3	22 17 21	1 2	2 24	24 48	1 28	24 38	1 26	18 2	1 27	21 22	0 33	15 32	2 4	6 50	0 46	15 21	1 43	7 15	13 1	20 6	19 59	3 28	16 12	2 42
S 4	22 24 19	35 3	27 24	36 1	19 24	35 1	28 17	52 1	26 21	24 0	33 15	34 2	4 6	49 0	46 15	21 1	43 7	15 13	1 20	6	19 58	3 25	16 13	2 42
M 5	22 31 16	56 4	19 24	24 1	9 24	31 1	29 17	41 1	25 21	26 0	33 15	36 2	4 6	49 0	46 15	22 1	43 7	15 13	1 20	6	19 58	3 23	16 14	2 42
T 6	22 37 13	16 5	4 55	24 11	0 58	24 27	1 31	17 30	1 25	21 28	0 33	15 38	2 4	6 49	0 46	15 22	1 43	7 15	13 1	20 5	19 57	3 21	16 15	2 42
W 7	22 44 8	50 5	14 23	56 0	47 24	21 1	32 17	19 1	24 21	30 0	33 15	40 2	4 6	48 0	46 15	23 1	43 7	16 13	1 20	5	19 56	3 18	16 16	2 42
T 8	22 49 3	54 5	12 23	42 0	34 24	15 1	34 17	8 1	23 21	32 0	33 15	42 2	4 6	48 0	46 15	23 1	43 7	16 13	1 20	5	19 56	3 16	16 16	2 42
F 9	22 55 1n	13 4	5 22	23 27	0 21	24 9	1 35	16 57	1 22	21 34	0 32	15 43	2 4	6 48	0 46	15 24	1 43	7 16	13 1	20 5	19 55	3 14	16 17	2 42
S 10	23 0 6	15 4	14 23	11 0	8 24	1 1	36 16	46 1	22 21	36 0	32 15	45 2	4 6	47 0	46 15	25 1	43 7	16 13	1 20	5	19 54	3 11	16 18	2 43
S 11	23 4 10	55 3	22 22	55 0	s 7	23 53	1 38	16 35	1 21	21 38	0 32	15 47	2 4	6 47	0 46	15 25	1 43	7 16	13 1	20 5	19 54	3 9	16 19	2 43
MI2	23 8 14	58 2	18 22	39 0	21 23	45 1	39 16	23 1	20 21	40 0	32 15	49 2	4 6	46 0	46 15	26 1	43 7	17 13	1 20	6	19 53	3 6	16 20	2 43
T 13	23 12 18	8 1	6 22	22 0	0 37	23 35	1 40	16 12	1 20	21 42	0 32	15 51	2 5	6 46	0 46	15 26	1 43	7 17	13 1	20 6	19 52	3 4	16 21	2 43
W14	23 15 20	16 0	s 8	22 6	0 53	23 25	1 41	16 0	1 19	21 44	0 32	15 52	2 5	6 45	0 46	15 27	1 43	7 17	13 2	20 6	19 51	3 2	16 21	2 43
T 15	23 18 21	13 1	20 21	50 1	9 23	14 1	42 15	49 1	18 21	46 0	32 15	54 2	5 6	45 0	46 15	27 1	43 7	17 13	2 20	6	19 51	2 59	16 22	2 43
F 16	23 21 20	59 3	26 21	33 1	25 23	3 1	43 15	37 1	17 21	48 0	32 15	56 2	5 6	44 0	46 15	28 1	43 7	17 13	2 20	5	19 50	2 57	16 23	2 44
S 17	23 23 19	40 3	24 21	17 1	42 22	51 1	43 15	25 1	17 21	50 0	32 15	58 2	5 6	44 0	46 15	28 1	43 7	18 13	2 20	4	19 49	2 55	16 24	2 44
S 18	23 25 17	23 4	11 21	1 1	58 22	38 1	44 15	13 1	16 21	52 0	32 15	59 2	5 6	43 0	46 15	29 1	44 7	18 13	2 20	4	19 49	2 52	16 24	2 44
M19	23 26 14	22 4	4 45	20 46	2 15	22 25	1 45	15 1	1 15	21 53	0 32	16 1	2 5	6 43	0 46	15 29	1 44	7 18	13 2	20 3	19 48	2 50	16 25	2 44
T 20	23 27 10	47 5	6 20	31 2	31 22	11 1	45 14	49 1	15 21	55 0	32 16	3 2	5 6	42 0	46 15	30 1	44 7	18 13	2 20	2	19 47	2 48	16 26	2 44
W21	23 27 6	49 5	12 20	16 2	48 21	56 1	46 14	36 1	14 21	57 0	32 16	4 2	5 6	41 0	46 15	30 1	44 7	18 13	2 20	1	19 47	2 45	16 27	2 44
T 22	23 27 2	37 5	6 20	3 3	3 21	41 1	46 14	24 1	13 21	59 0	32 16	6 2	5 6	41 0	46 15	30 1	44 7	18 13	2 20	0	19 46	2 43	16 27	2 45
F 23	23 27 1s	39 4	4 46	19 50	3 18	21 25	1 47	14 12	1 13	22 0	0 31	16 7	2 5	6 40	0 46	15 31	1 44	7 18	13 2	20 0	19 45	2 41	16 28	2 45
S 24	23 26 5	54 4	14 19	37 3	32 21	9 1	47 13	59 1	12 22	2 0	31 16	9 2	5 6	39 0	46 15	31 1	44 7	19 13	2 20	0	19 44	2 38	16 29	2 45
S 25	23 25 9	57 3	30 19	26 3	46 20	52 1	47 13	46 1	11 22	3 0	31 16	11 2	6 6	39 0	45 15	32 1	44 7	19 13	3 20	0	19 44	2 36	16 29	2 45
M26	23 23 13	41 2	36 19	16 3	58 20	35 1	47 13	34 1	11 22	5 0	31 16	12 2	6 6	38 0	45 15	32 1	44 7	19 13	3 20	0	19 43	2 34	16 30	2 45
T 27	23 21 16	53 1	34 19	7 4	9 20	17 1																		

SWISS EPHEMERIS for the year 1882

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Day	Sid.t	☉	☽	♀	♂	♄	♃	♂	♁	♁	♁	♁	♁	♁	♁
S 1	18 35 47	9 ^h 02'56"	5 ^h 37'	4 ^h R49	11 ^h Ω43	0 ^h mp 8	16 ^h II 3	22 ^h ♁19	15 ^h mp 6	18 ^h ♁ 7	29 ^h ♁40	29 ^h R13	27 ^h ml42	12 ^h mp 14	25 ^h ♁56
S 2	18 39 43	9 ^h 57'36"	19 ^h 56'	4 ^h ♁17	12 ^h 54	0 ^h 44	16 ^h 17	22 ^h 25	15 ^h 8	18 ^h 9	29 ^h 41	29 ^h ml 7	27 ^h 39	12 ^h 21	26 ^h 0
M 3	18 43 40	10 ^h 54'47"	4 ^h ♁30	3 ^h 48	14 ^h 6	1 ^h 20	16 ^h 30	22 ^h 31	15 ^h 10	18 ^h 10	29 ^h 42	29 ^h 1	27 ^h 35	12 ^h 28	26 ^h 3
T 4	18 47 36	11 ^h 51'58"	19 ^h 10	3 ^h 22	15 ^h 17	1 ^h 55	16 ^h 43	22 ^h 37	15 ^h 13	18 ^h 12	29 ^h 43	28 ^h 55	27 ^h 32	12 ^h 34	26 ^h 6
W 5	18 51 33	12 ^h 49'09"	3 ^h ♁49	2 ^h 59	16 ^h 28	2 ^h 31	16 ^h 57	22 ^h 43	15 ^h 15	18 ^h 13	29 ^h 45	28 ^h 50	27 ^h 29	12 ^h 41	26 ^h 10
T 6	18 55 29	13 ^h 46'20"	18 ^h 22	2 ^h 40	17 ^h 39	3 ^h 7	17 ^h 10	22 ^h 49	15 ^h 17	18 ^h 15	29 ^h 46	28 ^h 45	27 ^h 26	12 ^h 48	26 ^h 13
F 7	18 59 26	14 ^h 43'32"	2 ^h ♁43	2 ^h 25	18 ^h 51	3 ^h 43	17 ^h 23	22 ^h 55	15 ^h 19	18 ^h 16	29 ^h 47	28 ^h 43	27 ^h 23	12 ^h 55	26 ^h 16
S 8	19 3 23	15 ^h 40'44"	16 ^h 50	2 ^h 15	20 ^h 2	4 ^h 19	17 ^h 36	23 ^h 0	15 ^h 21	18 ^h 18	29 ^h 48	28 ^h D42	27 ^h 19	13 ^h 1	26 ^h 20
S 9	19 7 19	16 ^h 37'57"	0 ^h ♁41	2 ^h 10	21 ^h 13	4 ^h 55	17 ^h 49	23 ^h 6	15 ^h 24	18 ^h 19	29 ^h 49	28 ^h 43	27 ^h 16	13 ^h 8	26 ^h 23
MI0	19 11 16	17 ^h 35'10"	14 ^h 17	2 ^h D10	22 ^h 24	5 ^h 31	18 ^h 2	23 ^h 11	15 ^h 26	18 ^h 20	29 ^h 50	28 ^h 44	27 ^h 13	13 ^h 15	26 ^h 26
T 11	19 15 12	18 ^h 32'24"	27 ^h 39	2 ^h 15	23 ^h 35	6 ^h 7	18 ^h 15	23 ^h 17	15 ^h 29	18 ^h 22	29 ^h 51	28 ^h R45	27 ^h 10	13 ^h 22	26 ^h 29
W12	19 19 9	19 ^h 29'38"	10 ^h II47	2 ^h 26	24 ^h 46	6 ^h 43	18 ^h 28	23 ^h 22	15 ^h 31	18 ^h 23	29 ^h 51	28 ^h 44	27 ^h 7	13 ^h 28	26 ^h 32
T 13	19 23 5	20 ^h 26'53"	23 ^h 42	2 ^h 41	25 ^h 57	7 ^h 19	18 ^h 41	23 ^h 28	15 ^h 34	18 ^h 24	29 ^h 52	28 ^h 41	27 ^h 4	13 ^h 35	26 ^h 35
F 14	19 27 2	21 ^h 24'08"	6 ^h ♁26	3 ^h 2	27 ^h 7	7 ^h 56	18 ^h 54	23 ^h 33	15 ^h 36	18 ^h 26	29 ^h 53	28 ^h 36	27 ^h 0	13 ^h 42	26 ^h 38
S 15	19 30 58	22 ^h 21'24"	19 ^h 0	3 ^h 29	28 ^h 18	8 ^h 32	19 ^h 6	23 ^h 38	15 ^h 39	18 ^h 27	29 ^h 54	28 ^h 29	26 ^h 57	13 ^h 48	26 ^h 41
S 16	19 34 55	23 ^h 18'40"	1 ^h Ω22	4 ^h 1	29 ^h 29	9 ^h 8	19 ^h 19	23 ^h 43	15 ^h 41	18 ^h 28	29 ^h 55	28 ^h 20	26 ^h 54	13 ^h 55	26 ^h 44
MI7	19 38 52	24 ^h 15'56"	13 ^h 35	4 ^h 38	0 ^h mp39	9 ^h 45	19 ^h 32	23 ^h 49	15 ^h 44	18 ^h 29	29 ^h 56	28 ^h 10	26 ^h 51	14 ^h 2	26 ^h 47
T 18	19 42 48	25 ^h 13'13"	25 ^h 39	5 ^h 21	1 ^h 50	10 ^h 21	19 ^h 44	23 ^h 54	15 ^h 47	18 ^h 30	29 ^h 57	27 ^h 59	26 ^h 48	14 ^h 9	26 ^h 50
W19	19 46 45	26 ^h 10'30"	7 ^h mp36	6 ^h 9	3 ^h 0	10 ^h 58	19 ^h 57	23 ^h 58	15 ^h 49	18 ^h 31	29 ^h 58	27 ^h 50	26 ^h 45	14 ^h 15	26 ^h 52
T 20	19 50 41	27 ^h 7'47"	19 ^h 28	7 ^h 3	4 ^h 11	11 ^h 35	20 ^h 9	24 ^h 3	15 ^h 52	18 ^h 32	29 ^h 58	27 ^h 42	26 ^h 41	14 ^h 22	26 ^h 55
F 21	19 54 38	28 ^h 5'04"	1 ^h ♁19	8 ^h 2	5 ^h 21	12 ^h 11	20 ^h 22	24 ^h 8	15 ^h 55	18 ^h 33	29 ^h 59	27 ^h 36	26 ^h 38	14 ^h 29	26 ^h 58
S 22	19 58 34	29 ^h 2'22"	13 ^h 12	9 ^h 6	6 ^h 31	12 ^h 48	20 ^h 34	24 ^h 13	15 ^h 58	18 ^h 35	0 ^h II 0	27 ^h 33	26 ^h 35	14 ^h 35	27 ^h 0
S 23	20 2 31	29 ^h 59'41"	25 ^h 12	10 ^h 14	7 ^h 42	13 ^h 25	20 ^h 46	24 ^h 17	16 ^h 1	18 ^h 36	0 ^h 1	27 ^h D31	26 ^h 32	14 ^h 42	27 ^h 3
M24	20 6 27	0 ^h Ω56'59"	7 ^h ml24	11 ^h 28	8 ^h 52	14 ^h 2	20 ^h 59	24 ^h 22	16 ^h 4	18 ^h 36	0 ^h 2	27 ^h 31	26 ^h 29	14 ^h 49	27 ^h 5
T 25	20 10 24	1 ^h 54'19"	19 ^h 53	12 ^h 47	10 ^h 2	14 ^h 39	21 ^h 11	24 ^h 26	16 ^h 6	18 ^h 37	0 ^h 2	27 ^h 32	26 ^h 25	14 ^h 56	27 ^h 8
W26	20 14 21	2 ^h 51'38"	2 ^h ♁43	14 ^h 10	11 ^h 12	15 ^h 16	21 ^h 23	24 ^h 31	16 ^h 9	18 ^h 38	0 ^h 3	27 ^h R32	26 ^h 22	15 ^h 2	27 ^h 10
T 27	20 18 17	3 ^h 48'58"	16 ^h 0	15 ^h 38	12 ^h 22	15 ^h 53	21 ^h 35	24 ^h 35	16 ^h 12	18 ^h 39	0 ^h 4	27 ^h 31	26 ^h 19	15 ^h 9	27 ^h 12
F 28	20 22 14	4 ^h 46'19"	29 ^h 44	17 ^h 11	13 ^h 31	16 ^h 30	21 ^h 47	24 ^h 39	16 ^h 16	18 ^h 40	0 ^h 4	27 ^h 27	26 ^h 16	15 ^h 16	27 ^h 15
S 29	20 26 10	5 ^h 43'40"	13 ^h ♁56	18 ^h 47	14 ^h 41	17 ^h 7	21 ^h 59	24 ^h 43	16 ^h 19	18 ^h 41	0 ^h 5	27 ^h 21	26 ^h 13	15 ^h 22	27 ^h 17
S 30	20 30 7	6 ^h 41'02"	28 ^h 33	20 ^h 28	15 ^h 51	17 ^h 44	22 ^h 10	24 ^h 47	16 ^h 22	18 ^h 42	0 ^h 6	27 ^h 13	26 ^h 10	15 ^h 29	27 ^h 19
MB1	20 34 3	7 ^h Ω38'25"	13 ^h ♁28	22 ^h ♁12	17 ^h mp 0	18 ^h mp21	22 ^h II22	24 ^h ♁51	16 ^h mp25	18 ^h ♁42	0 ^h II 6	27 ^h ml 3	26 ^h ml 6	15 ^h mp36	27 ^h ♁21

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	23n 9	20s16	3n 4	18n42	4s40	19n 0	1n47	12n29	1n 7	22n13	0s31	16n20	2s 6	6n34	0n45	15n34	1s44	7n19	13s 3	20s 0	19s39	2n22	16n33	2s46
S 2	23 5 18	1 4	0	18 39	4 44	18 39	1 46	12 15	1 6	22 14	0 31	16 21	2 6	6 33	0 45	15 35	1 44	7 19	13 3	19 58	19 39	2 20	16 34	2 47
M 3	23 0 14	36 4	4	18 38	4 46	18 18	1 46	12 2	1 6	22 15	0 31	16 22	2 6	6 32	0 45	15 35	1 44	7 19	13 4	19 57	19 38	2 17	16 34	2 47
T 4	22 55 10	16 5	4	18 38	4 47	17 56	1 45	11 49	1 5	22 17	0 31	16 24	2 7	6 32	0 45	15 35	1 44	7 19	13 4	19 56	19 37	2 15	16 35	2 47
W 5	22 50 5 20	5 8	18 39	4 46	17 34	1 45	11 35	1 4	22 18	0 31	16 25	2 7	6 31	0 45	15 36	1 44	7 20	13 4	19 55	19 37	2 13	16 36	2 47	
T 6	22 44 0 8	4 51	18 42	4 44	17 12	1 44	11 22	1 4	22 19	0 31	16 26	2 7	6 30	0 45	15 36	1 44	7 20	13 4	19 54	19 36	2 10	16 36	2 47	
F 7	22 38 5n 0	4 16	18 46	4 40	16 49	1 43	11 8	1 3	22 21	0 31	16 28	2 7	6 29	0 45	15 36	1 44	7 20	13 4	19 53	19 35	2 8	16 37	2 48	
S 8	22 32 9 48	3 27	18 51	4 35	16 26	1 42	10 54	1 2	22 22	0 31	16 29	2 7	6 28	0 45	15 37	1 44	7 20	13 4	19 53	19 34	2 6	16 37	2 48	
S 9	22 25 13 59	2 25	18 58	4 29	16 2	1 41	10 40	1 2	22 23	0 30	16 30	2 7	6 27	0 45	15 37	1 44	7 20	13 5	19 53	19 34	2 3	16 38	2 48	
MI0	22 18 17 22	1 17	19 5	4 21	15 38	1 40	10 27	1 1	22 25	0 30	16 32	2 7	6 26	0 45	15 37	1 44	7 20	13 5	19 53	19 33	2 1	16 38	2 48	
T 11	22 10 19 45	0 6	19 14	4 13	15 14	1 39	10 13	1 0	22 26	0 30	16 33	2 7	6 25	0 45	15 38	1 44	7 20	13 5	19 54	19 32	1 59	16 39	2 49	
W12	22 2 21 1	1s 4	19 23	4 3	14 49	1 38	9 59	1 0	22 27	0 30	16 34	2 8	6 24	0 45	15 38	1 45	7 20	13 5	19 53	19 31	1 56	16 39	2 49	
T 13	21 54 21 8	2 10	19 33	3 53	14 24	1 37	9 44	0 59	22 28	0 30	16 35	2 8	6 23	0 45	15 38	1 45	7 20	13 5	19 53	19 31	1 54	16 40	2 49	
F 14	21 45 20 10	3 8	19 44	3 41	13 58	1 35	9 30	0 58	22 29	0 30	16 36	2 8	6 22	0 45	15 39	1 45	7 20	13 5	19 52	19 30	1 52	16 40	2 49	
S 15	21 36 18 13	3 56	19 55	3 29	13 32	1 34	9 16	0 58	22 30	0 30	16 38	2 8	6 21	0 45	15 39	1 45	7 20	13 6	19 50	19 29	1 49	16 41	2 50	
S 16	21 26 15 27	4 32	20 7	3 17	13 6	1 32	9 2	0 57	22 31	0 30	16 39	2 8	6 20	0 45	15 39	1 45	7 20	13 6	19 48	19 29	1 47	16 41	2 50	
MI7	21 16 12 3	4 55	20 19	3 4	12 39	1 30	8 47	0 57	22 32	0 30	16 40	2 8	6 19	0 45	15 40	1 45	7 20	13 6	19 46	19 28	1 45	16 41	2 50	
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Day	Sid.t	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄
T 1	20 38 0	8♄35'48	28♃32	24♄0	18♁10	18♁58	22♂34	24♂55	16♁28	18♂43	0♂II 7	26°R53	26♁3	15♁43	27♂23
W 2	20 41 56	9°33'13	13♃35	25°51	19°19	19°36	22°45	24°59	16°31	18°44	0°8	26♁44	26°0	15°49	27°25
T 3	20 45 53	10°30'39	28°27	27°45	20°28	20°13	22°57	25°3	16°34	18°44	0°8	26°36	25°57	15°56	27°27
F 4	20 49 50	11°28'05	13°V 3	29°41	21°38	20°50	23°8	25°6	16°38	18°45	0°9	26°31	25°54	16°3	27°29
S 5	20 53 46	12°25'34	27°17	1♂39	22°47	21°28	23°19	25°10	16°41	18°46	0°9	26°29	25°50	16°9	27°31
S 6	20 57 43	13°23'03	11♂9	3°39	23°56	22°5	23°31	25°13	16°44	18°46	0°10	26°D28	25°47	16°16	27°33
M 7	21 1 39	14°20'34	24°39	5°40	25°5	22°43	23°42	25°17	16°47	18°47	0°10	26°R28	25°44	16°23	27°34
T 8	21 5 36	15°18'06	7♂II 9	7°42	26°13	23°20	23°53	25°20	16°51	18°47	0°11	26°28	25°41	16°30	27°36
W 9	21 9 32	16°15'40	20°42	9°45	27°22	23°58	24°4	25°23	16°54	18°48	0°11	26°26	25°38	16°36	27°38
T 10	21 13 29	17°13'15	3♄22	11°49	28°31	24°36	24°15	25°26	16°58	18°48	0°12	26°22	25°35	16°43	27°39
F 11	21 17 25	18°10'51	15°50	13°52	29°39	25°14	24°25	25°29	17°1	18°48	0°12	26°14	25°31	16°50	27°41
S 12	21 21 22	19°8'29	28°8	15°55	0♂48	25°52	24°36	25°32	17°4	18°49	0°12	26°4	25°28	16°56	27°42
S 13	21 25 19	20°6'08	10♂II 8	17°58	1°56	26°29	24°47	25°35	17°8	18°49	0°13	25°52	25°25	17°3	27°44
M14	21 29 15	21°3'48	22°22	20°0	3°4	27°7	24°57	25°37	17°11	18°49	0°13	25°38	25°22	17°10	27°45
T 15	21 33 12	22°1'30	4♁20	22°1	4°12	27°45	25°7	25°40	17°15	18°50	0°13	25°24	25°19	17°17	27°46
W16	21 37 8	22°59'12	16°13	24°2	5°20	28°23	25°18	25°42	17°18	18°50	0°14	25°11	25°16	17°23	27°47
T 17	21 41 5	23°56'56	28°3	26°1	6°28	29°2	25°28	25°45	17°22	18°50	0°14	25°0	25°12	17°30	27°48
F 18	21 45 1	24°54'41	9♂53	28°0	7°36	29°40	25°38	25°47	17°25	18°50	0°14	24°52	25°9	17°37	27°50
S 19	21 48 58	25°52'27	21°45	29°57	8°43	0♂18	25°48	25°49	17°29	18°50	0°15	24°46	25°6	17°43	27°51
S 20	21 52 54	26°50'15	3♁44	1♁53	9°51	0°56	25°58	25°51	17°33	18°50	0°15	24°43	25°3	17°50	27°51
M21	21 56 51	27°48'04	15°53	3°47	10°58	1°35	26°7	25°53	17°36	18°51	0°15	24°42	25°0	17°57	27°52
T 22	22 0 47	28°45'53	28°19	5°40	12°5	2°13	26°17	25°55	17°40	18°R51	0°15	24°42	24°56	18°4	27°53
W23	22 4 44	29°43'45	11♂6	7°32	13°13	2°51	26°27	25°57	17°43	18°51	0°15	24°41	24°53	18°10	27°54
T 24	22 8 41	0♁41'37	24°18	9°23	14°20	3°30	26°36	25°58	17°47	18°51	0°16	24°40	24°50	18°17	27°55
F 25	22 12 37	1°39'30	7♂59	11°12	15°26	4°8	26°45	26°0	17°51	18°50	0°16	24°36	24°47	18°24	27°55
S 26	22 16 34	2°37'25	22°10	13°0	16°33	4°47	26°54	26°1	17°54	18°50	0°16	24°30	24°44	18°30	27°56
S 27	22 20 30	3°35'21	6♁50	14°47	17°39	5°26	27°4	26°3	17°58	18°50	0°16	24°21	24°41	18°37	27°56
M28	22 24 27	4°33'19	21°52	16°32	18°46	6°4	27°12	26°4	18°2	18°50	0°16	24°11	24°37	18°44	27°57
T 29	22 28 23	5°31'18	7♂8	18°16	19°52	6°43	27°21	26°5	18°5	18°50	0°16	24°0	24°34	18°51	27°57
W30	22 32 20	6°29'18	22°26	19°59	20°58	7°22	27°30	26°6	18°9	18°50	0°R16	23°51	24°31	18°57	27°57
T 31	22 36 16	7♁27'21	7°V 35	21♁41	22♂4	8♂1	27♂38	26♂7	18♁13	18♂49	0♂II 16	23♁43	24♁28	19♁4	27♂58

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♁	♂	♃	♄	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	18n 7	7s16	5n 2	21n41	0n22	5n31	0n55	5n 5	0n47	22n45	0s29	16n54	2s11	6n 1	0n44
W 2	17 52	2 1	4 49	21 32	0 34	5 1	0 52	4 50	0 46	22 46	0 29	16 54	2 11	6 0	0 44
T 3	17 37	3n19	4 17	21 21	0 44	4 31	0 49	4 35	0 46	22 47	0 29	16 55	2 11	5 59	0 44
F 4	17 21	8 21	3 28	21 6	0 54	4 1	0 45	4 19	0 45	22 47	0 29	16 56	2 11	5 58	0 44
S 5	17 5	12 49	2 28	20 49	1 2	3 31	0 42	4 4	0 44	22 48	0 29	16 56	2 12	5 56	0 44
S 6	16 49	16 27	1 20	20 29	1 11	3 0	0 39	3 49	0 44	22 48	0 29	16 57	2 12	5 55	0 44
M 7	16 32	19 6	0 10	20 7	1 18	2 30	0 35	3 33	0 43	22 49	0 29	16 58	2 12	5 54	0 44
T 8	16 15	20 39	1s 0	19 42	1 24	1 59	0 32	3 18	0 42	22 50	0 29	16 58	2 12	5 52	0 44
W 9	15 58	21 3	2 4	19 15	1 30	1 29	0 28	3 2	0 42	22 50	0 29	16 59	2 12	5 51	0 44
T 10	15 41	20 23	3 2	18 46	1 34	0 58	0 24	2 47	0 41	22 51	0 29	16 59	2 12	5 50	0 44
F 11	15 23	18 43	3 49	18 14	1 38	0 27	0 21	2 31	0 40	22 51	0 29	17 0	2 13	5 48	0 44
S 12	15 6	16 13	4 25	17 41	1 41	0s 3	0 17	2 15	0 40	22 52	0 29	17 0	2 13	5 47	0 44
S 13	14 47	13 2	4 49	17 6	1 43	0 34	0 13	2 0	0 39	22 52	0 29	17 1	2 13	5 46	0 44
M14	14 29	9 21	4 59	16 29	1 45	1 5	0 9	1 44	0 39	22 52	0 29	17 1	2 13	5 44	0 44
T 15	14 11	5 20	4 56	15 51	1 46	1 36	0 5	1 28	0 38	22 53	0 29	17 2	2 13	5 43	0 44
W16	13 52	1 8	4 40	15 11	1 46	2 6	0 1	1 13	0 37	22 53	0 29	17 2	2 14	5 42	0 44
T 17	13 33	3s 5	4 12	14 30	1 45	2 37	0s 3	0 57	0 37	22 54	0 29	17 2	2 14	5 40	0 44
F 18	13 14	7 11	3 33	13 48	1 44	3 8	0 7	0 41	0 36	22 54	0 29	17 3	2 14	5 39	0 44
S 19	12 54	11 1	2 45	13 5	1 42	3 38	0 12	0 25	0 35	22 54	0 29	17 3	2 14	5 37	0 44
S 20	12 34	14 28	1 48	12 22	1 40	4 9	0 16	0 10	0 35	22 55	0 29	17 3	2 14	5 36	0 44
M21	12 15	17 21	0 46	11 38	1 37	4 39	0 20	0s 6	0 34	22 55	0 29	17 4	2 15	5 35	0 44
T 22	11 55	19 29	0n19	10 53	1 34	5 10	0 25	0 22	0 34	22 55	0 29	17 4	2 15	5 33	0 44
W23	11 34	20 42	1 26	10 8	1 30	5 40	0 29	0 38	0 33	22 56	0 29	17 4	2 15	5 32	0 44
T 24	11 14	20 50	2 30	9 23	1 26	6 10	0 34	0 54	0 32	22 56	0 29	17 4	2 15	5 30	0 44
F 25	10 53	19 45	3 28	8 37	1 21	6 40	0 38	1 10	0 32	22 56	0 29	17 4	2 15	5 29	0 44
S 26	10 33	17 26	4 15	7 51	1 16	7 10	0 43	1 26	0 31	22 56	0 29	17 4	2 16	5 27	0 44
S 27	10 12	13 56	4 47	7 5	1 11	7 40	0 48	1 42	0 30	22 57	0 29	17 5	2 16	5 26	0 44
M28	9 51	9 29	5 1	6 19	1 5	8 10	0 52	1 57	0 30	22 57	0 29	17 5	2 16	5 24	0 44
T 29	9 30	4 22	4 53	5 33	0 59	8 39	0 57	2 13	0 29	22 57	0 29	17 5	2 16	5 23	0 44
W30	9 8	1n 3	4 25	4 47	0 53	9 8	1 2	2 29	0 28	22 57	0 29	17 5	2 16	5 22	0 44
T 31	8n47	6n21	3n38	4n 1	0n46	9s38	1s 7	2s45	0n28	22n57	0s28	17n 5	2s17	5n20	0n44

Julian Day Number = 2408658.5, Delta T = -5.43 sec
 Ecliptic obliquity = 23°27'11, Nutation = 0°00'16
 Ayanamsha: Fagan/Bradley = 23°06'02, Lahiri = 22°13'02

SWISS EPHEMERIS for the year 1882

SEPTEMBER 1882

00:00 UT

Table with 16 columns: Day, Sid.t, and zodiac signs (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓, ♈, ♉). Rows list days from F 1 to S 30 with corresponding astronomical data.

Table with 16 columns: Day, and ecliptic coordinates (♈, ♉, ♊, ♋, ♌, ♍, ♎, ♏, ♐, ♑, ♒, ♓, ♈, ♉). Rows list days from F 1 to S 30 with declination and latitude values.

Julian Day Number = 2408689.5, Delta T = -5.46 sec
Ecliptic obliquity = 23°27'11", Nutation = 0°00'15
Ayanamsha: Fagan/Bradley = 23°06'07", Lahiri = 22°13'07"

SWISS EPHEMERIS for the year 1882

OCTOBER 1882

00:00 UT

Table with 16 columns (Day, Sid.t, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♁, ♃, ♄, ♆, ♇, ♁, ♄) and 31 rows of astronomical data.

Table with 16 columns (Day, ☉, ☽, ♀, ♀, ♂, ♃, ♅, ♁, ♃, ♄, ♆, ♇, ♁, ♄) and 31 rows of astronomical data with declination and latitude values.

Julian Day Number = 2408719.5, Delta T = -5.48 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'13
Ayanamsha: Fagan/Bradley = 23°06'11, Lahiri = 22°13'11

SWISS EPHEMERIS for the year 1882

NOVEMBER 1882

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	2 40 43	8♍29°04	17♋56	22°D46	18♂ 4	19♍57	1°R10	23°R49	21♍52	17°R40	29°R39	20♍37	21♍11	26♍ 0	26°R16
T 2	2 44 39	9°29°10	0♉32	22♂51	18°34	20°40	1♋ 8	23♂45	21°55	17♂39	29♂38	20°37	21° 8	26° 6	26♂13
F 3	2 48 36	10°29°17	12°50	23° 6	19° 1	21°22	1° 5	23°40	21°58	17°37	29°37	20°R38	21° 4	26°13	26°10
S 4	2 52 32	11°29°27	24°55	23°31	19°27	22° 4	1° 2	23°35	22° 1	17°35	29°36	20°37	21° 1	26°20	26° 6
S 5	2 56 29	12°29°38	6♍50	24° 5	19°52	22°47	0°59	23°30	22° 3	17°34	29°35	20°37	20°58	26°26	26° 3
M 6	3 0 26	13°29°52	18°41	24°48	20°14	23°30	0°56	23°26	22° 6	17°32	29°34	20°36	20°55	26°33	26° 0
T 7	3 4 22	14°30°08	0♉32	25°38	20°35	24°12	0°52	23°21	22° 9	17°30	29°33	20°35	20°52	26°40	25°57
W 8	3 8 19	15°30°25	12°25	26°35	20°54	24°55	0°49	23°16	22°11	17°29	29°32	20°34	20°49	26°46	25°54
T 9	3 12 15	16°30°45	24°25	27°38	21°11	25°38	0°45	23°11	22°14	17°27	29°31	20°33	20°45	26°53	25°50
F 10	3 16 12	17°31°06	6♍33	28°46	21°26	26°20	0°41	23° 6	22°17	17°25	29°30	20°33	20°42	27° 0	25°47
S 11	3 20 8	18°31°29	18°50	29°58	21°39	27° 3	0°36	23° 2	22°19	17°23	29°28	20°D33	20°39	27° 7	25°44
S 12	3 24 5	19°31°54	1♂20	1♍14	21°50	27°46	0°32	22°57	22°22	17°22	29°27	20°33	20°36	27°13	25°41
M13	3 28 1	20°32°21	14° 1	2°34	21°58	28°29	0°27	22°52	22°24	17°20	29°26	20°R33	20°33	27°20	25°37
T 14	3 31 58	21°32°49	26°56	3°55	22° 5	29°12	0°22	22°47	22°26	17°18	29°25	20°33	20°30	27°27	25°34
W15	3 35 55	22°33°18	10♋ 4	5°20	22° 9	29°55	0°17	22°42	22°29	17°17	29°24	20°33	20°26	27°33	25°31
T 16	3 39 51	23°33°49	23°26	6°46	22°R10	0♂38	0°12	22°37	22°31	17°15	29°23	20°32	20°23	27°40	25°28
F 17	3 43 48	24°34°21	7♋ 2	8°13	22°10	1°22	0° 7	22°32	22°33	17°13	29°22	20°32	20°20	27°47	25°24
S 18	3 47 44	25°34°54	20°53	9°42	22° 7	2° 5	0° 2	22°27	22°35	17°12	29°21	20°D32	20°17	27°53	25°21
S 19	3 51 41	26°35°29	4♋56	11°12	22° 1	2°48	29♁56	22°23	22°38	17°10	29°20	20°32	20°14	28° 0	25°18
M20	3 55 37	27°36°04	19°12	12°43	21°53	3°31	29°50	22°18	22°40	17° 8	29°18	20°32	20°10	28° 7	25°14
T 21	3 59 34	28°36°41	3♁38	14°14	21°42	4°15	29°44	22°13	22°42	17° 7	29°17	20°33	20° 7	28°13	25°11
W22	4 3 30	29°37°19	18°10	15°46	21°29	4°58	29°38	22° 8	22°44	17° 5	29°16	20°34	20° 4	28°20	25° 8
T 23	4 7 27	0♂37°58	2♂43	17°19	21°14	5°42	29°32	22° 3	22°46	17° 3	29°15	20°35	20° 1	28°27	25° 5
F 24	4 11 24	1°38°38	17°12	18°52	20°56	6°25	29°26	21°58	22°48	17° 2	29°14	20°R35	19°58	28°34	25° 1
S 25	4 15 20	2°39°20	1♁32	20°25	20°35	7° 9	29°19	21°54	22°50	17° 0	29°13	20°35	19°55	28°40	24°58
S 26	4 19 17	3°40°03	15°36	21°58	20°13	7°53	29°12	21°49	22°51	16°59	29°12	20°34	19°51	28°47	24°55
M27	4 23 13	4°40°48	29°21	23°32	19°48	8°36	29° 6	21°44	22°53	16°57	29°11	20°32	19°48	28°54	24°52
T 28	4 27 10	5°41°33	12♋45	25° 6	19°21	9°20	28°59	21°40	22°55	16°55	29° 9	20°30	19°45	29° 0	24°48
W29	4 31 6	6°42°21	25°46	26°39	18°53	10° 4	28°52	21°35	22°57	16°54	29° 8	20°28	19°42	29° 7	24°45
T 30	4 35 3	7♂43°09	8♉27	28♍13	18♂23	10♂48	28♁45	21♂30	22♍58	16♂52	29♂ 7	20♍26	19♍39	29♍14	24♂42

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
W 1	14s20	17n50	4s27	7s22	1n36	27s59	5s 5	17s54	0s10	23n 0	0s26	16n23	2s25	3n54	0n44	15n21	1s50	6n55	13s27	17s55	18s 4	2s17	16n 7	3s18
T 2	14 40	15 12	4 58	7 14	1 47	28 1	5 5	18 6	0 11	23 1	0 26	16 22	2 25	3 53	0 44	15 21	1 50	6 55	13 28	17 55	18 3	2 19	16 6	3 19
F 3	14 59	11 57	5 14	7 11	1 56	28 3	5 4	18 18	0 12	23 1	0 26	16 21	2 25	3 52	0 45	15 20	1 50	6 55	13 28	17 55	18 2	2 22	16 5	3 19
S 4	15 17	8 15	5 16	7 14	2 3	28 4	5 3	18 30	0 12	23 1	0 26	16 20	2 25	3 51	0 45	15 20	1 50	6 55	13 28	17 55	18 1	2 24	16 4	3 19
S 5	15 36	4 17	5 4	7 22	2 8	28 4	5 1	18 41	0 13	23 1	0 26	16 19	2 25	3 50	0 45	15 20	1 50	6 54	13 28	17 55	18 1	2 26	16 3	3 19
M 6	15 54	0 11	4 40	7 34	2 12	28 4	4 59	18 52	0 13	23 1	0 26	16 18	2 25	3 49	0 45	15 19	1 50	6 54	13 28	17 55	18 0	2 28	16 2	3 19
T 7	16 12	3s56	4 3	7 49	2 15	28 4	4 57	19 3	0 14	23 1	0 26	16 16	2 25	3 48	0 45	15 19	1 50	6 54	13 28	17 54	17 59	2 30	16 1	3 19
W 8	16 30	7 55	3 16	8 9	2 16	28 2	4 55	19 14	0 15	23 1	0 26	16 15	2 25	3 47	0 45	15 18	1 50	6 54	13 28	17 54	17 58	2 33	16 1	3 19
T 9	16 47	11 38	2 20	8 31	2 16	28 1	4 52	19 25	0 15	23 1	0 26	16 14	2 25	3 46	0 45	15 18	1 50	6 53	13 28	17 54	17 57	2 35	16 0	3 20
F 10	17 4	14 55	1 17	8 56	2 16	27 58	4 48	19 36	0 16	23 1	0 26	16 13	2 25	3 45	0 45	15 17	1 50	6 53	13 28	17 54	17 56	2 37	15 59	3 20
S 11	17 21	17 35	0 9	9 23	2 14	27 55	4 44	19 47	0 16	23 1	0 26	16 12	2 25	3 44	0 45	15 17	1 50	6 53	13 28	17 54	17 55	2 39	15 58	3 20
S 12	17 37	19 28	1n 0	9 51	2 12	27 52	4 40	19 57	0 17	23 1	0 26	16 11	2 25	3 43	0 45	15 16	1 50	6 53	13 28	17 54	17 55	2 41	15 57	3 20
M13	17 54	20 24	2 7	10 21	2 8	27 47	4 35	20 7	0 18	23 1	0 26	16 9	2 25	3 42	0 45	15 16	1 50	6 52	13 28	17 54	17 54	2 43	15 56	3 20
T 14	18 10	20 16	3 9	10 53	2 5	27 43	4 30	20 17	0 18	23 2	0 26	16 8	2 25	3 41	0 45	15 15	1 50	6 52	13 28	17 54	17 53	2 46	15 55	3 20
W15	18 25	19 3	4 2	11 25	2 0	27 37	4 24	20 27	0 19	23 2	0 25	16 7	2 25	3 40	0 45	15 15	1 50	6 52	13 28	17 54	17 52	2 48	15 54	3 20
T 16	18 40	16 46	4 43	11 58	1 55	27 31	4 18	20 37	0 19	23 2	0 25	16 6	2 25	3 40	0 45	15 14	1 50	6 52	13 28	17 54	17 51	2 50	15 53	3 20
F 17	18 55	13 32	5 9	12 31	1 50	27 24	4 11	20 46	0 20	23 2	0 25	16 5	2 25	3 39	0 45	15 14	1 50	6 51	13 28	17 54	17 50	2 52	15 53	3 21
S 18	19 10	9 32	5 17	13 4	1 45	27 17	4 4	20 55	0 20	23 2	0 25	16 4	2 25	3 38	0 45	15 13	1 50	6 51	13 28	17 54	17 50	2 54	15 52	3 21
S 19	19 24	4 56	5 7	13 38	1 39	27 8	3 56	21 5	0 21	23 2	0 25	16 2	2 25	3 37	0 45	15 13	1 50	6 51	13 28	17 54	17 49	2 56	15 51	3 21
M20	19 38	0 0	4 39	14 11	1 33	26 59	3 47	21 13	0 22	23 2	0 25	16 1	2 25	3 36	0 45	15 13	1 50	6 51	13 28	17 54	17 48	2 59	15 50	3 21
T 21	19 52	5n 0	3 52	14 45	1 26	26 50	3 38	21 22	0 22	23 2	0 25	16 0	2 25	3 35	0 45	15 12	1 50	6 51	13 28	17 54	17 47	3 1	15 49	3 21
W22	20 5	9 45	2 50	15 18	1 10	26 39	3 29	21 31	0 23	23 2	0 25	15 59	2 25	3 35	0 45	15 12	1 50	6 50	13 28	17 54	17 46	3 3	15 48	3 21
T 23	20 18	13 57	1 37	15 51	1 13	26 28	3 19	21 39	0 23	23 2	0 25	15 58	2 24	3 34	0 45	15 11	1 50	6 50	13 28	17 54	17 45	3 5	15 47	3 21
F 24	20 30	17 17	0 19	16 23	1 6	26 16	3 8	21 47	0 24	23 2	0 25	15 57	2 24	3 33	0 45	15 11	1 50	6 50	13 28	17 54	17 44	3 7	15 47	3 21
S 25	20 42	19 30	1s 0	16 55	0 59	26 3	2 56	21 55	0 25	23 2	0 25	15 56	2 24	3 32	0 45	15 10	1 50	6 50	13 28	17 54	17 44	3 9	15 46	3 21
S 26	20 54	20 27	2 14	17 26	0 52	25 50	2 45	22 3	0 25	23 3	0 25	15 55	2 24	3 32	0 45	15 10	1 50	6 50	13 28	17 54	17 43	3 11	15 45	3 21
M27	21 5	20 9	3 19	17 56	0 45	25 35	2 32	22 10	0 26	23 3	0 24	15 53	2 24	3 31	0 45	15 9	1 50	6 49	13 28	17 54	17 42	3 14	15 44	3 21
T 28	21 16	18 41	4 10	18 26	0 38	25 20	2 19	22 18	0 26	23 3	0 24	15 52	2 24	3 30	0 45	15 9	1 49	6 49	13 28	17 53	17 41	3 16	15 43	3 21
W29	21 26	16 18	4 47	18 55	0 31	25 4	2 6	22 25	0 27	23 3	0 24	15 51</												

SWISS EPHEMERIS for the year 1882

DECEMBER 1882

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	
F 1	4 38 59	8♂43'59	20♏48	29♍47	17♁51	11♂32	28♁37	21♁26	23♏0	16♁51	29♁6	20♁24	19♍36	29♏20	24♁39									
S 2	4 42 56	9♁44'50	2♏55	1♂21	17♁18	12♁16	28♁30	21♁21	23♁1	16♁49	29♁5	20♁23	19♍32	29♁27	24♁36									
S 3	4 46 53	10♁45'43	14♁52	2♁55	16♁43	13♁0	28♁23	21♁17	23♁3	16♁48	29♁4	20♁D23	19♁29	29♁34	24♁32									
M 4	4 50 49	11♁46'37	26♁43	4♁28	16♁8	13♁44	28♁15	21♁12	23♁4	16♁46	29♁3	20♁23	19♁26	29♁40	24♁29									
T 5	4 54 46	12♁47'32	8♁34	6♁2	15♁32	14♁28	28♁8	21♁8	23♁6	16♁45	29♁2	20♁25	19♁23	29♁47	24♁26									
W 6	4 58 42	13♁48'29	20♁29	7♁36	14♁56	15♁12	28♁0	21♁4	23♁7	16♁43	29♁1	20♁27	19♁20	29♁54	24♁23									
T 7	5 2 39	14♁49'27	2♏32	9♁10	14♁20	15♁56	27♁52	20♁59	23♁8	16♁42	28♁59	20♁28	19♁16	0♁1	24♁20									
F 8	5 6 35	15♁50'25	14♁47	10♁44	13♁43	16♁41	27♁44	20♁55	23♁9	16♁40	28♁58	20♁R29	19♁13	0♁7	24♁17									
S 9	5 10 32	16♁51'25	27♁17	12♁18	13♁7	17♁25	27♁36	20♁51	23♁10	16♁39	28♁57	20♁29	19♁10	0♁14	24♁14									
S 10	5 14 28	17♁52'26	10♁4	13♁52	12♁32	18♁9	27♁29	20♁47	23♁12	16♁37	28♁56	20♁28	19♁7	0♁21	24♁11									
M11	5 18 25	18♁53'28	23♁7	15♁26	11♁57	18♁54	27♁21	20♁43	23♁13	16♁36	28♁55	20♁25	19♁4	0♁27	24♁8									
T 12	5 22 22	19♁54'31	6♁27	17♁0	11♁24	19♁38	27♁13	20♁39	23♁14	16♁35	28♁54	20♁21	19♁1	0♁34	24♁5									
W13	5 26 18	20♁55'35	2♁2	18♁34	10♁52	20♁23	27♁4	20♁35	23♁14	16♁33	28♁53	20♁16	18♁57	0♁41	24♁2									
T 14	5 30 15	21♁56'38	3♁48	20♁9	10♁21	21♁7	26♁56	20♁31	23♁15	16♁32	28♁52	20♁11	18♁54	0♁47	24♁0									
F 15	5 34 11	22♁57'43	17♁44	21♁43	9♁52	21♁52	26♁48	20♁28	23♁16	16♁31	28♁51	20♁6	18♁51	0♁54	23♁57									
S 16	5 38 8	23♁58'48	1♁47	23♁18	9♁24	22♁37	26♁40	20♁24	23♁17	16♁29	28♁50	20♁3	18♁48	1♁1	23♁54									
S 17	5 42 4	24♁59'53	15♁53	24♁52	8♁59	23♁22	26♁32	20♁20	23♁18	16♁28	28♁49	20♁1	18♁45	1♁7	23♁51									
M18	5 46 1	26♁0'58	0♁2	26♁27	8♁36	24♁6	26♁24	20♁17	23♁18	16♁27	28♁48	20♁D 1	18♁42	1♁14	23♁49									
T 19	5 49 57	27♁2'04	14♁11	28♁2	8♁15	24♁51	26♁16	20♁13	23♁19	16♁26	28♁47	20♁2	18♁38	1♁21	23♁46									
W20	5 53 54	28♁3'09	28♁18	29♁37	7♁56	25♁36	26♁7	20♁10	23♁19	16♁25	28♁46	20♁3	18♁35	1♁28	23♁44									
T 21	5 57 51	29♁4'15	12♁23	1♁13	7♁39	26♁21	25♁59	20♁7	23♁20	16♁23	28♁45	20♁4	18♁32	1♁34	23♁41									
F 22	6 1 47	0♁5'22	26♁23	2♁48	7♁25	27♁6	25♁51	20♁4	23♁20	16♁22	28♁44	20♁R 4	18♁29	1♁41	23♁39									
S 23	6 5 44	1♁6'28	10♁15	4♁24	7♁14	27♁51	25♁43	20♁1	23♁21	16♁21	28♁43	20♁3	18♁26	1♁48	23♁36									
S 24	6 9 40	2♁7'35	23♁57	6♁0	7♁5	28♁36	25♁35	19♁58	23♁21	16♁20	28♁42	19♁59	18♁22	1♁54	23♁34									
M25	6 13 37	3♁8'42	7♁26	7♁36	6♁58	29♁21	25♁27	19♁55	23♁21	16♁19	28♁41	19♁53	18♁19	2♁1	23♁31									
T 26	6 17 33	4♁9'50	20♁39	9♁13	6♁54	0♁6	25♁19	19♁52	23♁21	16♁18	28♁40	19♁45	18♁16	2♁8	23♁29									
W27	6 21 30	5♁10'58	3♁34	10♁50	6♁D53	0♁51	25♁11	19♁49	23♁21	16♁17	28♁40	19♁37	18♁13	2♁14	23♁27									
T 28	6 25 26	6♁12'06	16♁13	12♁27	6♁54	1♁37	25♁3	19♁47	23♁22	16♁16	28♁39	19♁28	18♁10	2♁21	23♁25									
F 29	6 29 23	7♁13'14	28♁34	14♁4	6♁57	2♁22	24♁55	19♁44	23♁R22	16♁15	28♁38	19♁20	18♁7	2♁28	23♁22									
S 30	6 33 20	8♁14'23	10♁42	15♁41	7♁3	3♁7	24♁48	19♁42	23♁22	16♁14	28♁37	19♁15	18♁3	2♁34	23♁20									
S 31	6 37 16	9♁15'32	22♁39	17♁19	7♁11	3♁53	24♁40	19♁39	23♁21	16♁13	28♁36	19♁11	18♁0	2♁41	23♁18									

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	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat												
F 1	21s46	9n34	5s16	19s50	0n17	24s31	1s37	22s38	0s28	23n 3	0s24	15n49	2s23	3n29	0n45	15n 8	1s49	6n49	13s27	17s51	17s38	3s22	15n41	3s22	21s55	5s38	8s16	0s10	24s13	1s23	22s45	0s29	23s 3	0s24	15s48	2s23	3s28	0s46	15s 7	1s49	6s49	13s27	17s51	17s38	3s24	15s40	3s22								
S 2	22 4	1 32	4 48	20 42	0 3	23 55	1 8	22 51	0 29	23 3	0 24	15 47	2 23	3 28	0 46	15 7	1 49	6 49	13 27	17 51	17 37	3 27	15 39	3 22	22 13	2s35	4 15	21 6	0s 4	23 36	0 53	22 57	0 30	23 3	0 24	15 46	2 23	3 27	0 46	15 7	1 49	6 48	13 27	17 51	17 36	3 29	15 38	3 22							
M 4	22 21	6 38	3 31	21 30	0 10	23 17	0 37	23 3	0 30	23 3	0 24	15 45	2 23	3 27	0 46	15 6	1 49	6 48	13 27	17 52	17 35	3 31	15 38	3 22	22 28	10 26	2 38	21 52	0 17	22 58	0 22	23 8	0 31	23 3	0 23	15 44	2 23	3 26	0 46	15 6	1 49	6 48	13 27	17 52	17 34	3 33	15 37	3 22							
T 5	22 35	13 53	1 37	22 14	0 24	22 58	0 6	23 14	0 31	23 3	0 23	15 43	2 23	3 26	0 46	15 5	1 49	6 48	13 27	17 53	17 33	3 35	15 36	3 22	22 42	16 47	0 31	22 34	0 30	22 18	0n10	23 19	0 32	23 3	0 23	15 42	2 22	3 25	0 46	15 5	1 49	6 48	13 27	17 53	17 32	3 37	15 35	3 22							
W 6	22 48	18 58	0n37	22 53	0 37	21 58	0 25	23 24	0 32	23 3	0 23	15 41	2 22	3 25	0 46	15 5	1 49	6 48	13 27	17 53	17 32	3 39	15 35	3 22	22 54	20 14	1 45	23 11	0 43	21 38	0 41	23 28	0 33	23 3	0 23	15 41	2 22	3 24	0 46	15 4	1 49	6 48	13 26	17 53	17 31	3 41	15 34	3 22							
M11	22 59	20 27	2 49	23 28	0 49	21 19	0 56	23 33	0 34	23 3	0 23	15 40	2 22	3 24	0 46	15 4	1 49	6 48	13 26	17 52	17 30	3 44	15 33	3 22	23 9	17 30	4 30	23 58	1 1	20 40	1 26	23 41	0 35	23 3	0 23	15 38	2 21	3 23	0 46	15 3	1 49	6 48	13 26	17 49	17 28	3 48	15 32	3 22							
T 12	23 4	19 32	3 46	23 44	0 55	20 59	1 11	23 37	0 34	23 3	0 23	15 39	2 22	3 24	0 46	15 4	1 49	6 48	13 26	17 51	17 29	3 46	15 33	3 22	23 12	14 27	4 59	24 12	1 7	20 22	1 40	23 44	0 35	23 3	0 22	15 37	2 21	3 23	0 46	15 3	1 49	6 47	13 26	17 48	17 27	3 50	15 31	3 22							
W13	23 23	9 17	3 40	23 58	1 1	20 40	1 26	23 41	0 34	23 3	0 23	15 38	2 21	3 23	0 46	15 3																																							