

SWISS EPHEMERIS for the year 1891

JANUARY 1891

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	6 41 26	10♌19'37	13♎44	29♌17	5♌27	11♋12	14♌29	17°R10	0♌51	4°R30	6°R19	14°R22	13♎13	28♌ 8	2°R48	
F 2	6 45 22	11°20'46	25°38	29°49	5°44	11°56	14°42	17°10	0°53	4♌29	6♌18	14♌20	13°10	28°15	2♌44	
S 3	6 49 19	12°21'56	7♌38	0♌13	6° 4	12°41	14°56	17° 9	0°55	4°28	6°17	14°D18	13° 6	28°22	2°40	
S 4	6 53 15	13°23'06	19°51	0°26	6°26	13°26	15° 9	17° 8	0°57	4°26	6°16	14°19	13° 3	28°28	2°36	
M 5	6 57 12	14°24'16	2♌19	0°R28	6°49	14°11	15°22	17° 7	0°59	4°25	6°15	14°20	13° 0	28°35	2°32	
T 6	7 1 8	15°25'26	15° 8	0°19	7°15	14°56	15°36	17° 6	1° 0	4°24	6°14	14°21	12°57	28°42	2°28	
W 7	7 5 5	16°26'37	28°22	29♌58	7°42	15°41	15°49	17° 5	1° 2	4°23	6°13	14°23	12°54	28°49	2°24	
T 8	7 9 2	17°27'47	12♌ 2	29°26	8°11	16°25	16° 2	17° 4	1° 3	4°22	6°13	14°R24	12°50	28°55	2°20	
F 9	7 12 58	18°28'58	26° 9	28°42	8°41	17°10	16°16	17° 3	1° 5	4°21	6°12	14°23	12°47	29° 2	2°15	
S 10	7 16 55	19°30'08	10♌40	27°47	9°13	17°55	16°30	17° 1	1° 6	4°19	6°11	14°21	12°44	29° 9	2°11	
S 11	7 20 51	20°31'18	25°30	26°43	9°46	18°40	16°43	17° 0	1° 8	4°18	6°10	14°17	12°41	29°15	2° 7	
M12	7 24 48	21°32'28	10♌30	25°32	10°21	19°24	16°57	16°58	1° 9	4°17	6° 9	14°12	12°38	29°22	2° 2	
T 13	7 28 44	22°33'37	25°32	24°16	10°57	20° 9	17°11	16°57	1°10	4°16	6° 9	14° 6	12°35	29°29	1°58	
W14	7 32 41	23°34'45	10♌26	22°58	11°35	20°54	17°24	16°55	1°11	4°15	6° 8	14° 0	12°31	29°36	1°54	
T 15	7 36 38	24°35'53	25° 5	21°39	12°14	21°39	17°38	16°53	1°13	4°14	6° 7	13°55	12°28	29°42	1°49	
F 16	7 40 34	25°37'00	9♌23	20°23	12°54	22°23	17°52	16°51	1°14	4°13	6° 7	13°52	12°25	29°49	1°45	
S 17	7 44 31	26°38'06	23°19	19°10	13°35	23° 8	18° 6	16°49	1°15	4°13	6° 6	13°D51	12°22	29°56	1°40	
S 18	7 48 27	27°39'11	6♌52	18° 5	14°17	23°53	18°20	16°46	1°16	4°12	6° 5	13°51	12°19	0♌ 2	1°36	
M19	7 52 24	28°40'16	20° 4	17° 6	15° 0	24°37	18°34	16°44	1°17	4°11	6° 5	13°52	12°16	0° 9	1°31	
T 20	7 56 20	29°41'19	2♌59	16°16	15°45	25°22	18°48	16°42	1°18	4°10	6° 4	13°54	12°12	0°16	1°27	
W21	8 0 17	0♌42'22	15°38	15°35	16°30	26° 6	19° 2	16°39	1°19	4° 9	6° 3	13°R54	12° 9	0°23	1°22	
T 22	8 4 13	1°43'24	28° 5	15° 4	17°17	26°51	19°16	16°37	1°19	4° 8	6° 3	13°53	12° 6	0°29	1°18	
F 23	8 8 10	2°44'24	10♌22	14°41	18° 4	27°35	19°30	16°34	1°20	4° 8	6° 2	13°49	12° 3	0°36	1°13	
S 24	8 12 7	3°45'24	22°32	14°28	18°52	28°20	19°44	16°31	1°21	4° 7	6° 2	13°44	12° 0	0°43	1° 9	
S 25	8 16 3	4°46'23	4♌35	14°D23	19°41	29° 4	19°58	16°28	1°21	4° 6	6° 1	13°35	11°56	0°50	1° 4	
M26	8 20 0	5°47'22	16°33	14°26	20°31	29°49	20°12	16°25	1°22	4° 6	6° 1	13°25	11°53	0°56	1° 0	
T 27	8 23 56	6°48'19	28°27	14°36	21°21	0♌33	20°26	16°22	1°22	4° 5	6° 0	13°14	11°50	1° 3	0°55	
W28	8 27 53	7°49'15	10♌19	14°53	22°13	1°18	20°41	16°19	1°23	4° 5	6° 0	13° 4	11°47	1°10	0°51	
T 29	8 31 49	8°50'11	22°11	15°17	23° 5	2° 2	20°55	16°16	1°23	4° 4	5°59	12°54	11°44	1°16	0°47	
F 30	8 35 46	9°51'05	4♌ 6	15°46	23°58	2°46	21° 9	16°13	1°24	4° 4	5°59	12°46	11°41	1°23	0°42	
S 31	8 39 42	10°51'59	16♌ 5	16♌21	24°51	3°30	21°23	16°10	1°24	4° 3	5°58	12°40	11°37	1°30	0♌38	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
T 1	23s 3	11n13	5n13	20s50	0s32	16s50	4n28	8s 8	0s49	17s13	0s45	6n53	1n58	11s16	0n33	19n25	1s39	9n42	11s50	22n32	22n24	16n47	12n 2	7s42
F 2	22 58	6 26	5 7	20 29	0 17	16 49	4 32	7 50	0 48	17 9	0 45	6 53	1 58	11 17	0 33	19 25	1 39	9 42	11 50	22 32	22 24	16 45	12 3	7 42
S 3	22 53	1 23	4 48	20 8	0 1	16 49	4 35	7 32	0 47	17 5	0 45	6 54	1 59	11 18	0 33	19 25	1 39	9 43	11 50	22 32	22 23	16 43	12 4	7 43
S 4	22 47	3s49	4 15	19 49	0n16	16 49	4 38	7 13	0 46	17 1	0 45	6 54	1 59	11 18	0 33	19 25	1 39	9 43	11 49	22 32	22 23	16 41	12 4	7 43
M 5	22 40	9 0	3 30	19 31	0 34	16 51	4 41	6 55	0 45	16 57	0 45	6 55	1 59	11 19	0 33	19 25	1 39	9 43	11 49	22 32	22 22	16 38	12 5	7 43
T 6	22 34	13 57	2 33	19 14	0 52	16 52	4 43	6 37	0 44	16 53	0 45	6 56	1 59	11 19	0 33	19 25	1 39	9 43	11 49	22 32	22 22	16 36	12 5	7 43
W 7	22 26	18 24	1 27	19 0	1 11	16 55	4 45	6 19	0 43	16 49	0 45	6 56	2 0	11 20	0 33	19 24	1 39	9 43	11 49	22 32	22 22	16 34	12 6	7 44
T 8	22 19	22 2	0 13	18 48	1 31	16 58	4 47	6 0	0 42	16 45	0 45	6 57	2 0	11 20	0 33	19 24	1 39	9 43	11 49	22 32	22 21	16 32	12 7	7 44
F 9	22 11	24 28	1s 4	18 39	1 49	17 1	4 48	5 42	0 41	16 41	0 45	6 58	2 0	11 21	0 33	19 24	1 39	9 43	11 48	22 32	22 21	16 30	12 7	7 44
S 10	22 2 25	19 2	2 18	18 32	2 8	17 5	4 49	5 23	0 40	16 37	0 45	6 59	2 0	11 21	0 33	19 24	1 39	9 43	11 48	22 32	22 20	16 28	12 8	7 44
S 11	21 53	24 25	3 25	18 27	2 25	17 9	4 50	5 5	0 39	16 33	0 45	6 59	2 1	11 22	0 33	19 24	1 39	9 43	11 48	22 32	22 20	16 25	12 9	7 45
M12	21 44	21 45	4 18	18 25	2 41	17 13	4 50	4 46	0 38	16 29	0 45	7 0	2 1	11 22	0 33	19 24	1 39	9 43	11 48	22 31	22 20	16 23	12 10	7 45
T 13	21 34	17 37	4 54	18 24	2 55	17 18	4 51	4 28	0 37	16 25	0 45	7 1	2 1	11 23	0 33	19 23	1 39	9 43	11 48	22 30	22 19	16 21	12 11	7 45
W14	21 24	12 25	5 9	18 26	3 6	17 23	4 50	4 9	0 36	16 21	0 45	7 2	2 1	11 23	0 33	19 23	1 39	9 43	11 47	22 30	22 19	16 19	12 11	7 45
T 15	21 13	6 36	5 4	18 29	3 16	17 29	4 50	3 51	0 35	16 17	0 45	7 3	2 2	11 23	0 33	19 23	1 39	9 43	11 47	22 29	22 18	16 17	12 12	7 45
F 16	21 2	0 34	4 40	18 34	3 23	17 34	4 49	3 32	0 34	16 12	0 45	7 4	2 2	11 24	0 33	19 23	1 39	9 44	11 47	22 29	22 18	16 14	12 13	7 45
S 17	20 50	5n21	4 0	18 40	3 27	17 40	4 48	3 14	0 33	16 8	0 45	7 5	2 2	11 24	0 33	19 23	1 39	9 44	11 47	22 29	22 17	16 12	12 14	7 45
S 18	20 39	10 52	3 7	18 47	3 29	17 46	4 47	2 55	0 32	16 4	0 45	7 6	2 2	11 24	0 33	19 23	1 39	9 44	11 46	22 29	22 17	16 10	12 15	7 45
M19	20 26	15 45	2 5	18 55	3 28	17 52	4 46	2 36	0 31	16 0	0 45	7 7	2 3	11 25	0 33	19 23	1 39	9 44	11 46	22 29	22 17	16 8	12 16	7 45
T 20	20 14	19 48	0 59	19 4	3 26	17 59	4 44	2 18	0 30	15 55	0 45	7 9	2 3	11 25	0 33	19 23	1 39	9 44	11 46	22 29	22 16	16 5	12 17	7 45
W21	20 1 22	50n	9 19	13 3	21 18	5 4	4 43	1 59	0 29	15 51	0 45	7 10	2 3	11 25	0 33	19 23	1 39	9 44	11 46	22 29	22 16	16 3	12 17	7 46
T 22	19 47	24 42	1 16	19 22	3 15	18 11	4 41	1 41	0 28	15 47	0 46	7 11	2 3	11 26	0 33	19 22	1 38	9 44	11 45	22 29	22 15	16 1	12 18	7 46
F 23	19 34	25 20	2 18	19 32	3 8	18 17	4 39	1 22	0 27	15 42	0 46	7 12	2 4	11 26	0 33	19 22	1 38	9 45	11 45	22 28	22 15	15 59	12 19	7 45
S 24	19 19	24 44	3 12	19 41	3 0	18 24	4 36	1 3	0 26	15 38	0 46	7 14	2 4	11 26	0 33	19 22	1 38	9 45	11 45	22 28	22 15	15 56	12 20	7 45
S 25	19 5 22	58	3 58	19 51	2 51	18 30	4 34	0 45	0 25	15 33	0 46	7 15	2 4	11 26	0 33	19 22	1 38	9 45	11 45	22 27	22 14	15 54	12 21	7 45
M26	18 50	20 13	4 32	20 0	2 41	18 36	4 31	0 26	0 24	15 29	0 46	7 16	2 4	11 26	0 33	19 22	1 38	9 45	11 44	22 26	22 14	15 52	12 22	7 45
T 27	18 35	16 37	4 55	20 9	2 31	18 42	4 29	0 8	0 23	15 24	0 46	7 18	2 5	11 27	0 33	19 22	1 38	9 45	11 44	22 24	22 13	15 50	12 23	7 45
W28	18 19	12 23	5 4	20 18	2 20	18 48	4 26	0n11	0 22	15 20	0 46	7 19	2 5	11 27	0 33	19 22	1 38	9 45	11 44	22 23	22 13	15 47	12 24	7 45
T 29	18 4	7 42	5 1	20 2																				

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S 1	8 43 39	11 ^h 52'52"	28 ^h 15'	17 ^h 31'	25 ^h 45'	4 ^h 15'	21 ^h 38'	16 ^h 06'	1 ^h 24'	4 ^h 03'	5 ^h 58'	12 ^h 36'	11 ^h 34'	1 ^h 37'	0 ^h 33'									
M 2	8 47 35	12 ^h 53'45"	10 ^h 38'	17 ^h 45'	26 ^h 40'	4 ^h 59'	21 ^h 52'	16 ^h 22'	1 ^h 24'	4 ^h 02'	5 ^h 58'	12 ^h 35'	11 ^h 31'	1 ^h 43'	0 ^h 29'									
T 3	8 51 32	13 ^h 54'36"	23 ^h 20'	18 ^h 33'	27 ^h 35'	5 ^h 43'	22 ^h 06'	15 ^h 08'	1 ^h 24'	4 ^h 02'	5 ^h 57'	12 ^h 36'	11 ^h 28'	1 ^h 50'	0 ^h 25'									
W 4	8 55 29	14 ^h 55'27"	6 ^h 26'	19 ^h 25'	28 ^h 31'	6 ^h 27'	22 ^h 21'	15 ^h 55'	1 ^h 25'	4 ^h 02'	5 ^h 57'	12 ^h 36'	11 ^h 25'	1 ^h 57'	0 ^h 20'									
T 5	8 59 25	15 ^h 56'17"	19 ^h 59'	20 ^h 20'	29 ^h 28'	7 ^h 11'	22 ^h 35'	15 ^h 51'	1 ^h 25'	4 ^h 01'	5 ^h 57'	12 ^h 36'	11 ^h 22'	2 ^h 03'	0 ^h 16'									
F 6	9 3 22	16 ^h 57'06"	4 ^h 31'	21 ^h 18'	0 ^h 25'	7 ^h 56'	22 ^h 49'	15 ^h 47'	1 ^h 24'	4 ^h 01'	5 ^h 56'	12 ^h 34'	11 ^h 18'	2 ^h 10'	0 ^h 12'									
S 7	9 7 18	17 ^h 57'53"	18 ^h 32'	22 ^h 19'	1 ^h 22'	8 ^h 40'	23 ^h 04'	15 ^h 43'	1 ^h 24'	4 ^h 01'	5 ^h 56'	12 ^h 30'	11 ^h 15'	2 ^h 17'	0 ^h 08'									
S 8	9 11 15	18 ^h 58'40"	3 ^h 28'	23 ^h 22'	2 ^h 20'	9 ^h 24'	23 ^h 18'	15 ^h 39'	1 ^h 24'	4 ^h 01'	5 ^h 56'	12 ^h 23'	11 ^h 12'	2 ^h 24'	0 ^h 03'									
M 9	9 15 11	19 ^h 59'26"	18 ^h 41'	24 ^h 28'	3 ^h 18'	10 ^h 08'	23 ^h 33'	15 ^h 35'	1 ^h 24'	4 ^h 00'	5 ^h 56'	12 ^h 13'	11 ^h 09'	2 ^h 30'	29 ^h 59'									
T 10	9 19 8	21 ^h 0'10"	4 ^h 30'	25 ^h 36'	4 ^h 17'	10 ^h 52'	23 ^h 47'	15 ^h 31'	1 ^h 24'	4 ^h 00'	5 ^h 55'	12 ^h 03'	11 ^h 06'	2 ^h 37'	29 ^h 55'									
W 11	9 23 5	22 ^h 0'52"	19 ^h 15'	26 ^h 46'	5 ^h 17'	11 ^h 36'	24 ^h 01'	15 ^h 27'	1 ^h 23'	4 ^h 00'	5 ^h 55'	11 ^h 52'	11 ^h 02'	2 ^h 44'	29 ^h 51'									
T 12	9 27 1	23 ^h 1'33"	4 ^h 14'	27 ^h 58'	6 ^h 16'	12 ^h 20'	24 ^h 16'	15 ^h 23'	1 ^h 23'	4 ^h 00'	5 ^h 55'	11 ^h 43'	10 ^h 59'	2 ^h 51'	29 ^h 47'									
F 13	9 30 58	24 ^h 2'13"	18 ^h 50'	29 ^h 12'	7 ^h 17'	13 ^h 03'	24 ^h 30'	15 ^h 19'	1 ^h 23'	4 ^h 00'	5 ^h 55'	11 ^h 36'	10 ^h 56'	2 ^h 57'	29 ^h 43'									
S 14	9 34 54	25 ^h 2'50"	2 ^h 58'	0 ^h 27'	8 ^h 17'	13 ^h 47'	24 ^h 45'	15 ^h 14'	1 ^h 22'	4 ^h 00'	5 ^h 55'	11 ^h 32'	10 ^h 53'	3 ^h 04'	29 ^h 39'									
S 15	9 38 51	26 ^h 3'26"	16 ^h 37'	1 ^h 44'	9 ^h 18'	14 ^h 31'	24 ^h 59'	15 ^h 10'	1 ^h 22'	4 ^h 00'	5 ^h 55'	11 ^h 30'	10 ^h 50'	3 ^h 11'	29 ^h 36'									
M 16	9 42 47	27 ^h 4'01"	29 ^h 50'	3 ^h 03'	10 ^h 19'	15 ^h 15'	25 ^h 14'	15 ^h 05'	1 ^h 21'	4 ^h 00'	5 ^h 55'	11 ^h D30'	10 ^h 47'	3 ^h 17'	29 ^h 32'									
T 17	9 46 44	28 ^h 4'33"	12 ^h 40'	4 ^h 23'	11 ^h 21'	15 ^h 59'	25 ^h 28'	15 ^h 01'	1 ^h 20'	4 ^h 00'	5 ^h 55'	11 ^h R30'	10 ^h 43'	3 ^h 24'	29 ^h 28'									
W 18	9 50 40	29 ^h 5'04"	25 ^h 11'	5 ^h 44'	12 ^h 23'	16 ^h 42'	25 ^h 42'	14 ^h 57'	1 ^h 20'	4 ^h 00'	5 ^h 55'	11 ^h 30'	10 ^h 40'	3 ^h 31'	29 ^h 24'									
T 19	9 54 37	0 ^h 5'32"	7 ^h 28'	7 ^h 06'	13 ^h 25'	17 ^h 26'	25 ^h 57'	14 ^h 52'	1 ^h 19'	4 ^h 01'	5 ^h D55'	11 ^h 27'	10 ^h 37'	3 ^h 38'	29 ^h 21'									
F 20	9 58 34	1 ^h 5'59"	19 ^h 34'	8 ^h 30'	14 ^h 27'	18 ^h 10'	26 ^h 11'	14 ^h 47'	1 ^h 18'	4 ^h 01'	5 ^h 55'	11 ^h 22'	10 ^h 34'	3 ^h 44'	29 ^h 17'									
S 21	10 2 30	2 ^h 6'25"	1 ^h 24'	9 ^h 55'	15 ^h 30'	18 ^h 53'	26 ^h 26'	14 ^h 43'	1 ^h 17'	4 ^h 01'	5 ^h 55'	11 ^h 13'	10 ^h 31'	3 ^h 51'	29 ^h 14'									
S 22	10 6 27	3 ^h 6'48"	13 ^h 29'	11 ^h 21'	16 ^h 33'	19 ^h 37'	26 ^h 40'	14 ^h 38'	1 ^h 16'	4 ^h 01'	5 ^h 55'	11 ^h 02'	10 ^h 27'	3 ^h 58'	29 ^h 11'									
M 23	10 10 23	4 ^h 7'10"	25 ^h 22'	12 ^h 48'	17 ^h 37'	20 ^h 20'	26 ^h 54'	14 ^h 34'	1 ^h 15'	4 ^h 02'	5 ^h 55'	10 ^h 49'	10 ^h 24'	4 ^h 04'	29 ^h 07'									
T 24	10 14 20	5 ^h 7'29"	7 ^h 15'	14 ^h 17'	18 ^h 41'	21 ^h 04'	27 ^h 09'	14 ^h 29'	1 ^h 14'	4 ^h 02'	5 ^h 55'	10 ^h 34'	10 ^h 21'	4 ^h 11'	29 ^h 04'									
W 25	10 18 16	6 ^h 7'47"	19 ^h 08'	15 ^h 46'	19 ^h 45'	21 ^h 47'	27 ^h 23'	14 ^h 24'	1 ^h 13'	4 ^h 02'	5 ^h 55'	10 ^h 19'	10 ^h 18'	4 ^h 18'	29 ^h 01'									
T 26	10 22 13	7 ^h 8'04"	1 ^h 3'	17 ^h 17'	20 ^h 49'	22 ^h 31'	27 ^h 37'	14 ^h 19'	1 ^h 12'	4 ^h 03'	5 ^h 55'	10 ^h 05'	10 ^h 15'	4 ^h 25'	28 ^h 58'									
F 27	10 26 9	8 ^h 8'19"	13 ^h 2'	18 ^h 48'	21 ^h 53'	23 ^h 14'	27 ^h 52'	14 ^h 15'	1 ^h 11'	4 ^h 03'	5 ^h 55'	9 ^h 54'	10 ^h 12'	4 ^h 31'	28 ^h 55'									
S 28	10 30 6	9 ^h 8'32"	25 ^h 6'	20 ^h 21'	22 ^h 58'	23 ^h 57'	28 ^h 28'	14 ^h 10'	1 ^h 10'	4 ^h 04'	5 ^h 55'	9 ^h 45'	10 ^h 11'	4 ^h 38'	28 ^h 52'									

Day	☉		☽		♀		♁		♂		♃		♅		♁		♄		♆		♇		♈		♉		♊		♋		♌		♍		♎		♏		♐		♑		♒		♓	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	17s14	7s32	3n34	20s46	1n37	19s11	4n13	1n25	0s18	15s 2	0s46	7n25	2n 6	11s27	0n33	19n22	1s38	9n46	11s43	22n19	22n11	15n38	12n28	7s45																						
M 2	16 57	12 27	2 42	20 52	1 26	19 16	4 9	1 43	0 17	14 57	0 46	7 27	2 6	11 27	0 33	19 22	1 38	9 46	11 43	22 19	22 11	15 36	12 30	7 44																						
T 3	16 40	16 59	1 41	20 56	1 15	19 21	4 5	2 1	0 16	14 53	0 46	7 28	2 6	11 27	0 33	19 22	1 38	9 47	11 42	22 19	22 10	15 34	12 31	7 44																						
W 4	16 22	20 51	0 33	20 59	1 4	19 25	4 2	2 20	0 15	14 48	0 46	7 30	2 6	11 27	0 33	19 22	1 38	9 47	11 42	22 19	22 10	15 31	12 32	7 44																						
T 5	16 4 23	44 0s39	21 2	0 54	19 29	3 58	2 38	0 15	14 43	0 46	7 32	2 6	11 27	0 33	19 22	1 38	9 47	11 42	22 19	22 9	15 29	12 33	7 44																							
F 6	15 46	25 15	1 51	21 3	0 43	19 33	3 54	2 56	0 14	14 39	0 46	7 33	2 7	11 27	0 33	19 22	1 38	9 47	11 42	22 19	22 9	15 27	12 34	7 44																						
S 7	15 27	25 7	2 59	21 4	0 33	19 37	3 50	3 14	0 13	14 34	0 46	7 35	2 7	11 27	0 33	19 22	1 38	9 47	11 41	22 19	22 9	15 24	12 35	7 43																						
S 8	15 9 23	13 3	3 56	21 3	0 23	19 40	3 46	3 33	0 12	14 29	0 46	7 37	2 7	11 27	0 33	19 22	1 37	9 48	11 41	22 18	22 8	15 22	12 36	7 43																						
M 9	14 50	19 37	4 37	21 1	0 13	19 43	3 41	3 51	0 11	14 25	0 46	7 38	2 7	11 27	0 33	19 22	1 37	9 48	11 41	22 16	22 8	15 20	12 37	7 43																						
T 10	14 30	14 41	4 59	20 58	0 4	19 46	3 37	4 9	0 10	14 20	0 46	7 40	2 7	11 27	0 33	19 22	1 37	9 48	11 40	22 15	22 7	15 17	12 38	7 42																						
W 11	14 11 8	8 51	4 59	20 54	0s 5	19 48	3 33	4 27	0 9	14 15	0 47	7 42	2 8	11 27	0 33	19 22	1 37	9 48	11 40	22 14	22 7	15 15	12 39	7 42																						
T 12	13 51 2	3 35	4 39	20 49	0 14	19 50	3 28	4 45	0 8	14 10	0 47	7 44	2 8	11 26	0 33	19 22	1 37	9 49	11 40	22 12	22 6	15 13	12 41	7 42																						
F 13	13 31 3n40	4 1	20 42	0 23	19 52	3 24	5 3	0 7	14 6	0 47	7 45	2 8	11 26	0 33	19 22	1 37	9 49	11 40	22 11	22 6	15 10	12 42	7 42																							
S 14	13 11 9	3 33	3 9	20 34	0 31	19 53	3 19	5 21	0 7	14 1	0 47	7 47	2 8	11 26	0 34	19 22	1 37	9 49	11 39	22 11	22 5	15 8	12 43	7 41																						
S 15	12 50	14 46	2 8	20 25	0 39	19 54	3 15	5 38	0 6	13 56	0 47	7 49	2 8	11 26	0 34	19 22	1 37	9 49	11 39	22 11	22 5	15 6	12 44	7 41																						
M 16	12 30	19 8	1 1	20 15	0 47	19 54	3 10	5 56	0 5	13 51	0 47	7 51	2 8	11 26	0 34	19 22	1 37	9 50	11 39	22 11	22 5	15 3	12 45	7 40																						
T 17	12 9 22	26 0n 6	20 4	0 54	19 54	3 5	6 14	0 4	13 47	0 47	7 53	2 8	11 25	0 34	19 22	1 37	9 50	11 38	22 11	22 4	15 1	12 46	7 40																							
W 18	11 48	24 34	1 12	19 51	1 2	19 53	3 1	6 31	0 3	13 42	0 47	7 55	2 9	11 25	0 34	19 23	1 37	9 50	11 38	22 10	22 4	14 59	12 47	7 40																						
T 19	11 27	25 27	2 13	19 37	1 8	19 52	2 56	6 49	0 2	13 37	0 47	7 57	2 9	11 25	0 34	19 23	1 37	9 50	11 38	22 10	22 3	14 56	12 48	7 39																						
F 20	11 5 25																																													

SWISS EPHEMERIS for the year 1891

MARCH 1891

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	10 34 2	10♌ 8'43	7♍.18	21♋55	24♌ 3	24♌41	28♋20	14°R 5	1°R 9	4♉ 4	5♈56	9°R39	10♉ 5	4♈45	28°R49
M 2	10 37 59	11° 8'53	19°42	23°30	25° 8	25°24	28°35	14°R 0	1♌ 7	4° 5	5°56	9♈36	10° 2	4°52	28°R46
T 3	10 41 56	12° 9'02	2♌22	25° 5	26°14	26° 7	28°49	13°56	1° 6	4° 6	5°56	9°35	9°59	4°58	28°R43
W 4	10 45 52	13° 9'09	15°22	26°42	27°19	26°50	29° 3	13°51	1° 4	4° 6	5°56	9°35	9°56	5° 5	28°R41
T 5	10 49 49	14° 9'14	28°46	28°21	28°25	27°33	29°17	13°46	1° 3	4° 7	5°57	9°35	9°53	5°12	28°R38
F 6	10 53 45	15° 9'18	12♌37	29°59	29°31	28°16	29°31	13°41	1° 2	4° 7	5°57	9°33	9°49	5°18	28°R36
S 7	10 57 42	16° 9'21	26°56	1♌40	0♋38	28°59	29°45	13°36	1° 0	4° 8	5°57	9°28	9°46	5°25	28°R33
S 8	11 1 38	17° 9'21	11♌41	3°21	1°44	29°42	29°59	13°32	0°58	4° 9	5°58	9°21	9°43	5°32	28°R31
M 9	11 5 35	18° 9'20	26°47	5° 4	2°51	0♌25	0♌14	13°27	0°57	4°10	5°58	9°11	9°40	5°39	28°R29
T 10	11 9 31	19° 9'17	12♌ 5	6°48	3°57	1° 8	0°28	13°22	0°55	4°11	5°59	9° 0	9°37	5°45	28°R27
W 11	11 13 28	20° 9'12	27°23	8°32	5° 4	1°51	0°42	13°17	0°54	4°11	5°59	8°49	9°33	5°52	28°R25
T 12	11 17 25	21° 9'05	12♌30	10°18	6°11	2°34	0°56	13°13	0°52	4°12	5°59	8°39	9°30	5°59	28°R23
F 13	11 21 21	22° 8'56	27°17	12° 6	7°19	3°17	1°10	13° 8	0°50	4°13	6° 0	8°31	9°27	6° 5	28°R21
S 14	11 25 18	23° 8'45	11♌36	13°54	8°26	4° 0	1°24	13° 3	0°48	4°14	6° 0	8°26	9°24	6°12	28°R20
S 15	11 29 14	24° 8'32	25°26	15°43	9°33	4°42	1°38	12°58	0°46	4°15	6° 1	8°24	9°21	6°19	28°R18
M 16	11 33 11	25° 8'16	8♈46	17°34	10°41	5°25	1°51	12°54	0°44	4°16	6° 1	8°D23	9°18	6°26	28°R16
T 17	11 37 7	26° 7'59	21°41	19°26	11°49	6° 8	2° 5	12°49	0°42	4°17	6° 2	8°R24	9°14	6°32	28°R15
W 18	11 41 4	27° 7'39	4♌13	21°19	12°57	6°50	2°19	12°45	0°41	4°18	6° 3	8°23	9°11	6°39	28°R14
T 19	11 45 0	28° 7'16	16°29	23°14	14° 5	7°33	2°33	12°40	0°39	4°19	6° 3	8°22	9° 8	6°46	28°R12
F 20	11 48 57	29° 6'52	28°32	25° 9	15°13	8°15	2°46	12°36	0°37	4°21	6° 4	8°18	9° 5	6°53	28°R11
S 21	11 52 54	0♌6'25	10♌28	27° 6	16°21	8°58	3° 0	12°31	0°34	4°22	6° 4	8°11	9° 2	6°59	28°R10
S 22	11 56 50	1° 5'55	22°20	29° 3	17°30	9°40	3°14	12°27	0°32	4°23	6° 5	8° 2	8°59	7° 6	28° 9
M 23	12 0 47	2° 5'24	4♈12	1°Y 2	18°38	10°23	3°27	12°22	0°30	4°24	6° 6	7°51	8°55	7°13	28° 9
T 24	12 4 43	3° 4'50	16° 5	3° 2	19°47	11° 5	3°41	12°18	0°28	4°25	6° 6	7°39	8°52	7°19	28° 8
W 25	12 8 40	4° 4'15	28° 1	5° 3	20°55	11°47	3°54	12°14	0°26	4°27	6° 7	7°26	8°49	7°26	28° 7
T 26	12 12 36	5° 3'37	10♌ 2	7° 4	22° 4	12°30	4° 8	12° 9	0°24	4°28	6° 8	7°15	8°46	7°33	28° 7
F 27	12 16 33	6° 2'57	22° 9	9° 6	23°13	13°12	4°21	12° 5	0°21	4°29	6° 9	7° 5	8°43	7°40	28° 6
S 28	12 20 29	7° 2'15	4♈24	11° 9	24°22	13°54	4°34	12° 1	0°19	4°31	6° 9	6°58	8°39	7°46	28° 6
S 29	12 24 26	8° 1'31	16°47	13°12	25°31	14°36	4°47	11°57	0°17	4°32	6°10	6°53	8°36	7°53	28° 6
M 30	12 28 23	9° 0'46	29°20	15°15	26°41	15°18	5° 1	11°53	0°15	4°33	6°11	6°51	8°33	8° 0	28° 6
T 31	12 32 19	9♌59'58	12♌ 8	17°Y18	27°50	16°R 0	5♌14	11°R49	0♌12	4♈35	6♈12	6°D51	8♈30	8♈ 7	28°D 6

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	7s46	11s25	2n41	16s 5	1s59	19s14	2n 7	9n39	0n 6	12s49	0s48	8n16	2n10	11s21	0n34	19n24	1s36	9n53	11s35	21n55	21n59	14n32	13n 0	7s34
M 2	7 23 16	1 1 43	15 37	2 2 19	8 2 2	9 56	0 6 12	44 0 48	8 18	2 10	11 21	0 34	19 24	1 36	9 54	11 35	21 54	21 58	14 30	13 1	7 34			
T 3	7 20 2	0 38	15 7	2 4 19	1 1	57 10	12 0	7 12	39 0 48	8 20	2 10	11 20	0 34	19 24	1 36	9 54	11 35	21 54	21 58	14 28	13 2	7 33		
W 4	6 37 23	9 0s30	14 36	2 7 18	53 1 52	10 28	0 8 12	34 0 48	8 21	2 10	11 20	0 34	19 24	1 36	9 54	11 34	21 54	21 57	14 25	13 3	7 32			
T 5	6 14 25	6 1 39	14 4	2 8 18	45 1 47	10 45	0 8 12	29 0 48	8 23	2 10	11 19	0 34	19 25	1 36	9 55	11 34	21 54	21 57	14 23	13 4	7 32			
F 6	5 51 25	35 2 45	13 30	2 10 18	36 1 42	11 1	0 9 12	24 0 48	8 25	2 10	11 19	0 34	19 25	1 36	9 55	11 34	21 54	21 56	14 20	13 5	7 31			
S 7	5 28 24	25 3 42	12 56	2 11 18	27 1 37	11 17	0 10 12	19 0 49	8 27	2 10	11 18	0 34	19 25	1 36	9 55	11 33	21 53	21 56	14 18	13 6	7 31			
S 8	5 5 21	33 4 26	12 19	2 11 18	18 1 32	11 33	0 11 12	14 0 49	8 29	2 10	11 17	0 34	19 25	1 36	9 56	11 33	21 52	21 55	14 15	13 7	7 30			
M 9	4 41 17	11 4 53	11 42	2 12 18	8 1 27	11 48	0 12 10	0 49	8 31	2 10	11 17	0 34	19 25	1 36	9 56	11 33	21 51	21 55	14 13	13 8	7 29			
T 10	4 18 11	39 5 0	11 3	2 11 17	57 1 22	12 4	0 12 12	5 0 49	8 33	2 10	11 16	0 34	19 26	1 36	9 56	11 33	21 49	21 54	14 10	13 9	7 29			
W 11	3 54 5 24	4 45	10 23	2 11 17	46 1 17	12 20	0 13 12	0 49	8 35	2 10	11 16	0 34	19 26	1 36	9 57	11 32	21 47	21 54	14 8	13 10	7 28			
T 12	3 31 1n 6	4 10	9 42	2 9 17	34 1 12	12 35	0 14 11	55 0 49	8 37	2 10	11 15	0 34	19 26	1 36	9 57	11 32	21 46	21 53	14 6	13 11	7 28			
F 13	3 7 7 25	3 19	9 0	2 8 17	22 1 8	12 51	0 14 11	50 0 49	8 38	2 10	11 14	0 34	19 26	1 36	9 57	11 32	21 44	21 53	14 3	13 12	7 27			
S 14	2 43 13	9 2 17	8 16	2 6 17	9 1 3	13 6	0 15 11	45 0 49	8 40	2 10	11 14	0 34	19 27	1 35	9 58	11 31	21 44	21 52	14 1	13 13	7 26			
S 15	2 20 18	2 1 8	7 31	2 3 16	56 0 58	13 21	0 16 11	40 0 49	8 42	2 11	11 13	0 34	19 27	1 35	9 58	11 31	21 43	21 52	13 58	13 14	7 26			
M 16	1 56 21	49 0n 2	6 45	2 0 16	43 0 53	13 36	0 16 11	36 0 50	8 44	2 11	11 12	0 34	19 27	1 35	9 59	11 31	21 43	21 51	13 56	13 15	7 25			
T 17	1 32 24	21 1 10	5 58	1 56 16	29 0 49	13 51	0 17 11	31 0 50	8 46	2 11	11 12	0 34	19 27	1 35	9 59	11 31	21 43	21 51	13 53	13 16	7 24			
W 18	1 9 25	36 2 12	5 10	1 52 16	14 0 44	14 5	0 18 11	26 0 50	8 47	2 11	11 11	0 34	19 27	1 35	9 59	11 30	21 43	21 51	13 51	13 17	7 24			
T 19	0 45 25	32 3 7	4 20	1 47 15	59 0 39	14 20	0 19 11	21 0 50	8 49	2 11	11 10	0 34	19 28	1 35	10 0	11 30	21 43	21 50	13 48	13 18	7 23			
F 20	0 21 24	16 3 53	3 30	1 42 15	44 0 35	14 34	0 19 11	16 0 50	8 51	2 11	11 10	0 34	19 28	1 35	10 0	11 30	21 42	21 50	13 46	13 19	7 22			
S 21	0n 3 21	55 4 28	2 38	1 37 15	28 0 30	14 49	0 20 11	11 0 50	8 53	2 11	11 9	0 34	19 28	1 35	10 0	11 30	21 41	21 49	13 43	13 20	7 21			
S 22	0 26 18	39 4 51	1 45	1 30 15	11 0 26	15 3	0 20 11	7 0 50	8 54	2 11	11 8	0 34	19 29	1 35	10 1	11 29	21 40	21 49	13 41	13 20	7 21			
M 23	0 50 14	39 5 1	0 52	1 23 14	55 0 21	15 17	0 21 11	2 0 50	8 56	2 10	11 7	0 34	19 29	1 35	10 1	11 29	21 38	21 48	13 38	13 21	7 20			
T 24	1 14 10	5 4 59	0n 3	1 16 14	37 0 17	15 31	0 22 10	57 0 51	8 58	2 10	11 7	0 34	19 29	1 35	10 1	11 29	21 36	21 48	13 36	13 22	7 19			
W 25	1 37 5 7	4 43	0 58	1 8 14	20 0 13	15 44	0 22 10	52 0 51	8 59	2 10	11 6	0 34	19 29	1 35	10 2	11 29	21 34	21 47	13 33	13 23	7 19			
T 26	2 1 0s 4	4 15	1 53	1 0 14	2 0 8	15 58	0 23 10	48 0 51	9 1	2 10	11 5	0 34	19 30	1 35	10 2	11 28	21 32	21 47	13 31	13 24	7 18			
F 27	2 24 5 19	3 35	2 50	0 51 13	43 0 4	16 11	0 24 10	43 0 51	9 2	2 10	11 4	0 34	19 30	1 35	10 2	11 28	21 30	21 46	13 28	13 25	7 17			
S 28	2 48 10	25 2 44	3 47	0 42 13	24 0 0	16 24	0 24 10	38 0 51	9 4	2 10	11 4	0 34	19 30	1 35	10 3	11 28	21 29	21 46	13 26	13 25	7 16			
S 29	3 11 15	11 1 45	4 43	0 32 13	5 0s 4	16 38	0 25 10	33 0 51	9 5	2 10	11 3	0 34	19 31	1 35	10 3	11 28	21 28	21 45	13 23	13 26	7 16			
M 30	3 34 19	22 0 40	5 41	0 22 12	45 0 8	16 51	0 26 10	29 0 51	9 7	2 10	11 2	0 34	19 31	1 35	10 4	11 27	21 28	21 45	13 21	13				

SWISS EPHEMERIS for the year 1891

APRIL 1891

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	12 36 16	10°59'09	25°11	19°20	28°59	16°42	5°27	11°R45	0°R10	4°II36	6°II13	6°II52	8°II27	8°II13	28°28 6
T 2	12 40 12	11°58'18	8°33	21°22	0°II 9	17°24	5°40	11°II41	0°II 8	4°38	6°13	6°R53	8°24	8°20	28° 6
F 3	12 44 9	12°57'26	22°17	23°23	1°18	18° 6	5°53	11°38	0° 5	4°39	6°14	6°52	8°20	8°27	28° 6
S 4	12 48 5	13°56'31	6°24	25°22	2°28	18°48	6° 6	11°34	0° 3	4°41	6°15	6°50	8°17	8°33	28° 7
S 5	12 52 2	14°55'35	20°52	27°19	3°38	19°30	6°19	11°30	0° 0	4°43	6°16	6°46	8°14	8°40	28° 7
M 6	12 55 58	15°54'37	5°39	29°14	4°48	20°12	6°31	11°27	29°58	4°44	6°17	6°40	8°11	8°47	28° 8
T 7	12 59 55	16°53'37	20°38	1°8 7	5°58	20°54	6°44	11°23	29°55	4°46	6°18	6°32	8° 8	8°54	28° 9
W 8	13 3 52	17°52'36	5°41	2°57	7° 8	21°35	6°57	11°20	29°53	4°47	6°19	6°25	8° 4	9° 0	28° 9
T 9	13 7 48	18°51'32	20°37	4°43	8°18	22°17	7° 9	11°17	29°50	4°49	6°20	6°18	8° 1	9° 7	28°10
F 10	13 11 45	19°50'26	5°19	6°26	9°28	22°59	7°22	11°13	29°48	4°51	6°21	6°12	7°58	9°14	28°11
S 11	13 15 41	20°49'18	19°39	8° 5	10°38	23°40	7°34	11°10	29°45	4°52	6°22	6° 9	7°55	9°20	28°12
S 12	13 19 38	21°48'08	3°II32	9°40	11°48	24°22	7°46	11° 7	29°43	4°54	6°23	6°D 8	7°52	9°27	28°14
M13	13 23 34	22°46'56	16°59	11°10	12°58	25° 4	7°59	11° 4	29°40	4°56	6°24	6° 8	7°49	9°34	28°15
T 14	13 27 31	23°45'42	29°59	12°36	14° 9	25°45	8°11	11° 1	29°38	4°58	6°25	6°10	7°45	9°41	28°16
W15	13 31 27	24°44'26	12°37	13°57	15°19	26°27	8°23	10°59	29°35	5° 0	6°26	6°11	7°42	9°47	28°18
T 16	13 35 24	25°43'07	24°56	15°13	16°30	27° 8	8°35	10°56	29°33	5° 1	6°27	6°R12	7°39	9°54	28°20
F 17	13 39 21	26°41'46	7°II 2	16°24	17°40	27°49	8°47	10°53	29°30	5° 3	6°28	6°11	7°36	10° 1	28°21
S 18	13 43 17	27°40'23	18°59	17°29	18°51	28°31	8°59	10°51	29°28	5° 5	6°29	6° 9	7°33	10° 8	28°23
S 19	13 47 14	28°38'57	0°II51	18°29	20° 1	29°12	9°11	10°48	29°25	5° 7	6°30	6° 5	7°30	10°14	28°25
M20	13 51 10	29°37'29	12°43	19°24	21°12	29°53	9°22	10°46	29°22	5° 9	6°31	6° 0	7°26	10°21	28°27
T 21	13 55 7	0°36'00	24°38	20°13	22°23	0°II34	9°34	10°44	29°20	5°11	6°33	5°53	7°23	10°28	28°29
W22	13 59 3	1°34'28	6°39	20°56	23°33	1°16	9°45	10°41	29°17	5°13	6°34	5°47	7°20	10°34	28°31
T 23	14 3 0	2°32'54	18°48	21°34	24°44	1°57	9°57	10°39	29°15	5°15	6°35	5°41	7°17	10°41	28°34
F 24	14 6 56	3°31'18	1°II 6	22° 6	25°55	2°38	10° 8	10°37	29°12	5°16	6°36	5°36	7°14	10°48	28°36
S 25	14 10 53	4°29'40	13°35	22°32	27° 6	3°19	10°19	10°36	29°10	5°18	6°37	5°33	7°10	10°55	28°39
S 26	14 14 49	5°28'01	26°14	22°52	28°17	4° 0	10°30	10°34	29° 7	5°20	6°38	5°31	7° 7	11° 1	28°41
M27	14 18 46	6°26'20	9°II 6	23° 7	29°28	4°41	10°41	10°32	29° 5	5°22	6°40	5°D31	7° 4	11° 8	28°44
T 28	14 22 43	7°24'37	22°11	23°16	0°II39	5°22	10°52	10°31	29° 2	5°24	6°41	5°32	7° 1	11°15	28°47
W29	14 26 39	8°22'53	5°II29	23°R19	1°50	6° 3	11° 3	10°29	29° 0	5°27	6°42	5°33	6°58	11°22	28°50
T 30	14 30 36	9°21'07	19°II 1	23°R18	3°II 1	6°II44	11°II14	10°II28	28°II57	5°II29	6°II43	5°II35	6°II55	11°II28	28°II53

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	4n21	24s59	1s37	7n34	0s 0	12s 5	0s16	17n16	0n27	10s19	0s52	9n10	2n10	11s 0	0n34
T 2	4 44	25 52	2 41	8 30	0n11	11 44	0 20	17 29	0 27	10 15	0 52	9 11	2 10	10 59	0 34
F 3	5 7	25 12	3 39	9 26	0 22	11 23	0 23	17 41	0 28	10 10	0 52	9 13	2 10	10 59	0 34
S 4	5 30	22 57	4 25	10 20	0 34	11 1	0 27	17 53	0 29	10 5	0 52	9 14	2 10	10 58	0 34
S 5	5 53	19 12	4 55	11 14	0 45	10 40	0 31	18 5	0 29	10 1	0 52	9 15	2 10	10 57	0 34
M 6	6 16	14 11	5 6	12 6	0 57	10 17	0 34	18 17	0 30	9 56	0 52	9 17	2 10	10 56	0 34
T 7	6 39	8 16	4 57	12 56	1 8	9 55	0 38	18 29	0 30	9 52	0 53	9 18	2 10	10 55	0 34
W 8	7 1	1 50	4 28	13 44	1 19	9 32	0 41	18 40	0 31	9 47	0 53	9 19	2 10	10 54	0 34
T 9	7 24	4n39	3 40	14 31	1 30	9 9	0 44	18 51	0 31	9 43	0 53	9 20	2 10	10 53	0 34
F 10	7 46	10 49	2 38	15 15	1 41	8 46	0 48	19 3	0 32	9 38	0 53	9 21	2 9	10 52	0 34
S 11	8 8	16 15	1 28	15 57	1 51	8 22	0 51	19 14	0 32	9 34	0 53	9 22	2 9	10 52	0 34
S 12	8 30	20 39	0 14	16 37	2 0	7 58	0 54	19 24	0 33	9 29	0 53	9 24	2 9	10 51	0 34
M13	8 52	23 47	0n58	17 14	2 9	7 34	0 57	19 35	0 34	9 25	0 54	9 25	2 9	10 50	0 34
T 14	9 14	25 33	2 6	17 49	2 17	7 10	1 0	19 46	0 34	9 20	0 54	9 26	2 9	10 49	0 34
W15	9 35	25 55	3 5	18 20	2 25	6 45	1 3	19 56	0 35	9 16	0 54	9 27	2 9	10 48	0 34
T 16	9 57	24 59	3 54	18 49	2 32	6 20	1 5	20 6	0 35	9 12	0 54	9 27	2 9	10 47	0 34
F 17	10 18	22 54	4 31	19 16	2 37	5 55	1 8	20 16	0 36	9 7	0 54	9 28	2 9	10 46	0 34
S 18	10 39	19 50	4 56	19 39	2 42	5 30	1 11	20 26	0 36	9 3	0 54	9 29	2 9	10 45	0 34
S 19	11 0	15 59	5 9	20 0	2 46	5 5	1 13	20 35	0 37	8 59	0 55	9 30	2 8	10 44	0 34
M20	11 21	11 32	5 8	20 18	2 49	4 39	1 16	20 45	0 37	8 54	0 55	9 31	2 8	10 44	0 34
T 21	11 41	6 38	4 54	20 33	2 51	4 13	1 18	20 54	0 38	8 50	0 55	9 32	2 8	10 43	0 34
W22	12 2	1 27	4 27	20 46	2 52	3 47	1 20	21 3	0 38	8 46	0 55	9 32	2 8	10 42	0 34
T 23	12 22	3s52	3 47	20 55	2 52	3 21	1 23	21 12	0 39	8 42	0 55	9 33	2 8	10 41	0 34
F 24	12 42	9 6	2 57	21 2	2 50	2 55	1 25	21 20	0 39	8 38	0 56	9 34	2 8	10 40	0 34
S 25	13 2	14 4	1 57	21 6	2 47	2 29	1 27	21 29	0 40	8 34	0 56	9 34	2 8	10 39	0 34
S 26	13 21	18 30	0 51	21 8	2 43	2 2	1 29	21 37	0 40	8 30	0 56	9 35	2 8	10 38	0 34
M27	13 40	22 9	0s20	21 7	2 38	1 36	1 30	21 45	0 41	8 26	0 56	9 35	2 7	10 37	0 34
T 28	14 0	24 43	1 30	21 3	2 31	1 9	1 32	21 53	0 41	8 22	0 56	9 36	2 7	10 36	0 34
W29	14 18	25 57	2 37	20 56	2 24	0 42	1 34	22 1	0 42	8 18	0 57	9 36	2 7	10 36	0 34
T 30	14n37	25s40	3s36	20n47	2n15	0s16	1s35	22n 8	0n42	8s14	0s57	9n36	2n 7	10s35	0n34

Julian Day Number = 2411823.5, Delta T = -6.11 sec
 Ecliptic obliquity = 23°27'16, Nutation = -0°00'16
 Ayanamsha: Fagan/Bradley = 23°13'18, Lahiri = 22°20'18

SWISS EPHEMERIS for the year 1891

MAY 1891

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
F 1	14 34 32	10♈19°20	2♌49	23°R11	4♃12	7♂24	11♃25	10°R26	28°R55	5♂31	6♂44	5♂36	6♂51	11♃35	28°56
S 2	14 38 29	11°17'31	16°51	22♌59	5°23	8° 5	11°35	10♂25	28♌52	5°33	6°46	5°R36	6°48	11°42	28°59
S 3	14 42 25	12°15'41	1♃ 7	22°42	6°35	8°46	11°46	10°24	28°50	5°35	6°47	5°35	6°45	11°48	29° 2
M 4	14 46 22	13°13'49	15°34	22°21	7°46	9°27	11°56	10°23	28°47	5°37	6°48	5°33	6°42	11°55	29° 5
T 5	14 50 18	14°11'56	0♃ 9	21°56	8°57	10° 7	12° 6	10°22	28°45	5°39	6°50	5°30	6°39	12° 2	29° 9
W 6	14 54 15	15°10'01	14°45	21°28	10° 9	10°48	12°16	10°22	28°42	5°41	6°51	5°27	6°36	12° 9	29°12
T 7	14 58 12	16° 8'05	29°17	20°57	11°20	11°29	12°26	10°21	28°40	5°43	6°52	5°25	6°32	12°15	29°16
F 8	15 2 8	17° 6'07	13♌39	20°24	12°31	12° 9	12°36	10°20	28°37	5°45	6°53	5°23	6°29	12°22	29°20
S 9	15 6 5	18° 4'08	27°44	19°50	13°43	12°50	12°46	10°20	28°35	5°48	6°55	5°22	6°26	12°29	29°23
S 10	15 10 1	19° 2'08	11♂30	19°14	14°54	13°30	12°56	10°20	28°33	5°50	6°56	5°D22	6°23	12°35	29°27
M 11	15 13 58	20° 0'05	24°53	18°37	16° 6	14°11	13° 5	10°19	28°30	5°52	6°57	5°23	6°20	12°42	29°31
T 12	15 17 54	20°58'01	7♌54	18° 1	17°17	14°51	13°15	10°19	28°28	5°54	6°59	5°24	6°16	12°49	29°35
W 13	15 21 51	21°55'55	20°35	17°26	18°29	15°32	13°24	10°D19	28°26	5°56	7° 0	5°25	6°13	12°56	29°39
T 14	15 25 48	22°53'48	2♌57	16°53	19°40	16°12	13°33	10°19	28°23	5°58	7° 1	5°26	6°10	13° 2	29°44
F 15	15 29 44	23°51'38	15° 6	16°21	20°52	16°52	13°42	10°19	28°21	6° 1	7° 3	5°27	6° 7	13° 9	29°48
S 16	15 33 41	24°49'27	27° 5	15°52	22° 4	17°33	13°51	10°20	28°19	6° 3	7° 4	5°R27	6° 4	13°16	29°52
S 17	15 37 37	25°47'14	8♃58	15°26	23°15	18°13	14° 0	10°20	28°17	6° 5	7° 5	5°27	6° 1	13°23	29°57
M 18	15 41 34	26°45'00	20°52	15° 3	24°27	18°53	14° 8	10°21	28°15	6° 7	7° 7	5°26	5°57	13°29	0♂ 1
T 19	15 45 30	27°42'44	2♌49	14°44	25°39	19°33	14°17	10°21	28°13	6°10	7° 8	5°25	5°54	13°36	0° 6
W 20	15 49 27	28°40'26	14°53	14°29	26°50	20°14	14°25	10°22	28°10	6°12	7° 9	5°24	5°51	13°43	0°10
T 21	15 53 23	29°38'06	27° 9	14°18	28° 2	20°54	14°34	10°23	28° 8	6°14	7°11	5°23	5°48	13°49	0°15
F 22	15 57 20	0♂35'46	9♂37	14°11	29°14	21°34	14°42	10°24	28° 6	6°16	7°12	5°23	5°45	13°56	0°20
S 23	16 1 16	1°33'24	22°21	14°D 9	0♂26	22°14	14°50	10°25	28° 4	6°18	7°13	5°22	5°42	14° 3	0°25
S 24	16 5 13	2°31'00	5♂20	14°11	1°37	22°54	14°57	10°26	28° 2	6°21	7°15	5°D22	5°38	14°10	0°30
M 25	16 9 10	3°28'36	18°34	14°18	2°49	23°34	15° 5	10°27	28° 0	6°23	7°16	5°22	5°35	14°16	0°35
T 26	16 13 6	4°26'10	2♌ 3	14°29	4° 1	24°14	15°13	10°28	27°59	6°25	7°17	5°22	5°32	14°23	0°40
W 27	16 17 3	5°23'44	15°45	14°45	5°13	24°54	15°20	10°30	27°57	6°27	7°19	5°R23	5°29	14°30	0°45
T 28	16 20 59	6°21'16	29°38	15° 5	6°25	25°34	15°27	10°31	27°55	6°30	7°20	5°22	5°26	14°36	0°50
F 29	16 24 56	7°18'48	13♌40	15°30	7°37	26°13	15°35	10°33	27°53	6°32	7°22	5°22	5°22	14°43	0°55
S 30	16 28 52	8°16'18	27°49	15°59	8°49	26°53	15°42	10°35	27°51	6°34	7°23	5°22	5°19	14°50	1° 1
S 31	16 32 49	9♂13'48	12♃ 3	16♌32	10♌ 1	27♂33	15♃48	10♂37	27♌50	6♂36	7♂24	5°D22	5♂16	14♃57	1♌ 6

Day	☉		☽		♀		♂		♃		♄		♅		♆		♁		♂		♆		♅	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	14n55	23s50	4s24	20n35	2n 4	0n11	1s37	22n15	0n42	8s10	0s57	9n37	2n 7	10s34	0n34	19n42	1s33	10n15	11s21	21n15	21n28	11n58	13n40	6s51
S 2	15 14 20	31 4	58 20	21 1	53 0	38 1	38 2	23 0	43 8	6 0	57 9	37 2	7 10	33 0	34 19	43 1	33 10	15 11	21 15	21 15	21 28	11 55	13 40	6 51
S 3	15 14 20	31 58	5 13	20 5	1 40	1 5	1 40	22 29	0 43	8 2	0 57	9 37	2 7	10 32	0 34	19 43	1 33	10 16	11 21	21 15	21 28	11 52	13 40	6 50
M 4	15 49 10	27 5	9 19	46 1	27 1	32 1	41 22	36 0	44 7	59 0	58 9	38 2	6 10	31 0	34 19	43 1	33 10	16 11	21 15	21 27	11 50	13 40	6 49	
T 5	16 7 4	19 4	46 19	26 1	12 1	59 1	42 22	43 0	44 7	55 0	58 9	38 2	6 10	30 0	34 19	44 1	33 10	16 11	21 14	21 26	11 47	13 40	6 49	
W 6	16 24 2n	4 4	19 3	0 57	2 26	1 43	22 49	0 45	7 51	0 58	9 38	2 6	10 29	0 34	19 44	1 33	10 17	11 20	21 14	21 25	11 44	13 40	6 48	
T 7	16 41 8	20 3	6 18	40 0	41 2	53 1	44 22	55 0	45 7	48 0	58 9	38 2	6 10	29 0	34 19	45 1	33 10	17 11	20 21	13 21	25 11	42 13	40 6 47	
F 8	16 57 14	5 1	57 18	15 0	24 3	20 1	45 23	1 0	45 7	44 0	58 9	38 2	6 10	28 0	34 19	45 1	33 10	17 11	20 21	13 21	24 11	39 13	40 6 47	
S 9	17 13 18	59 0	42 17	49 0	7 3	47 1	46 23	7 0	46 7	41 0	59 9	38 2	6 10	27 0	34 19	45 1	33 10	18 11	20 21	13 21	24 11	36 13	40 6 46	
S 10	17 29 22	44 0n34	17 22	0s11	4 14	1 46	23 12	0 46	7 37	0 59	9 38	2 6	10 26	0 34	19 46	1 33	10 18	11 20	21 13	21 23	11 34	13 40	6 45	
M 11	17 45 25	7 1	46 16	56 0	28 4	41 1	47 23	17 0	47 7	34 0	59 9	38 2	5 10	25 0	34 19	46 1	33 10	18 11	20 21	13 21	23 11	31 13	40 6 45	
T 12	18 1 26	3	2 50	16 29	0 46	5 8	1 48	23 22	0 47	7 30	0 59	9 38	2 5	10 25	0 34	19 47	1 33	10 19	11 20	21 13	21 22	11 28	13 40	6 44
W 13	18 16 25	34 3	4 44	16 3	1 3	5 35	1 48	23 27	0 48	7 27	1 0	9 38	2 5	10 24	0 34	19 47	1 33	10 19	11 20	21 13	21 22	11 26	13 39	6 43
T 14	18 30 23	50 4	27 15	37 1	20 6	2 1	48 23	32 0	48 7	24 0	0 9	38 2	5 10	23 0	34 19	47 1	33 10	19 11	20 21	13 21	21 11	23 13	39 6 43	
F 15	18 45 21	2 4	57 15	12 1	36 6	28 1	49 23	36 0	48 7	20 0	0 9	37 2	5 10	22 0	34 19	48 1	33 10	19 11	19 21	14 21	21 11	20 13	39 6 42	
S 16	18 59 17	23 5	13 14	49 1	52 6	55 1	49 23	41 0	49 7	17 0	0 9	37 2	5 10	21 0	34 19	48 1	33 10	20 11	19 21	14 21	20 11	17 13	39 6 42	
S 17	19 13 13	5 5	16 14	27 2	6 7	21 1	49 23	45 0	49 7	14 1	1 9	37 2	4 10	21 0	34 19	49 1	33 10	20 11	19 21	13 21	19 11	15 13	38 6 41	
M 18	19 27 8	18 5	5 14	7 2	20 7	47 1	49 23	49 0	49 7	11 1	1 9	37 2	4 10	20 0	34 19	49 1	33 10	20 11	19 21	13 21	19 11	12 13	38 6 40	
T 19	19 40 3	11 4	41 13	49 2	33 8	14 1	49 23	52 0	50 7	8 1	1 9	36 2	4 10	19 0	34 19	49 1	33 10	21 11	19 21	13 21	18 11	9 13	38 6 40	
W 20	19 53 2s	7 4	4 13	33 2	46 8	40 1	49 23	56 0	50 7	5 1	1 9	36 2	4 10	18 0	34 19	50 1	33 10	21 11	19 21	13 21	18 11	7 13	37 6 39	
T 21	20 5 7	25 3	16 13	20	2 57	9 5	49 23	59 0	51 7	2 1	2 9	35 2	4 10	18 0	34 19	50 1	33 10	21 11	19 21	13 21	17 11	4 13	37 6 38	
F 22	20 17 12	31 2	18 13	8 3	6 9	31 1	48 24	2 0	51 6	59 1	2 9	35 2	4 10	17 0	34 19	51 1	33 10	21 11	19 21	13 21	17 11	1 13	37 6 38	
S 23	20 29 17	13 1	12 12	59 3	15 9	57 1	48 24	5 0	51 6	56 1	2 9	34 2	3 10	16 0	34 19	51 1	33 10	22 11	19 21	13 21	16 10	58 13	36 6 37	
S 24	20 41 21	12 0	0 12	52 3	23																			

SWISS EPHEMERIS for the year 1891

JUNE 1891

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
M 1	16 36 46	10II11'17	26K18	17R 9	11R13	28II13	15K55	10M38	27R48	6II39	7II26	5II22	5II13	15M 3	1R12
T 2	16 40 42	11° 8'46	10Y33	17°50	12°25	28°53	16° 2	10°40	27R46	6°41	7°27	5°23	5°10	15°10	1°17
W 3	16 44 39	12° 6'13	24°43	18°35	13°37	29°32	16° 8	10°43	27°45	6°43	7°28	5°23	5° 7	15°17	1°23
T 4	16 48 35	13° 3'40	8R47	19°23	14°49	0R12	16°14	10°45	27°43	6°45	7°30	5°24	5° 3	15°24	1°28
F 5	16 52 32	14° 1'07	22°42	20°16	16° 1	0°52	16°20	10°47	27°42	6°48	7°31	5°24	5° 0	15°30	1°34
S 6	16 56 28	14°58'32	6II23	21°12	17°14	1°31	16°26	10°50	27°40	6°50	7°33	5°R25	4°57	15°37	1°40
S 7	17 0 25	15°55'57	19°50	22°11	18°26	2°11	16°32	10°52	27°39	6°52	7°34	5°24	4°54	15°44	1°46
M 8	17 4 21	16°53'21	3R 5	23°14	19°38	2°51	16°37	10°55	27°37	6°54	7°35	5°23	4°51	15°50	1°52
T 9	17 8 18	17°50'44	15°54	24°20	20°50	3°30	16°43	10°57	27°36	6°57	7°37	5°22	4°48	15°57	1°58
W10	17 12 15	18°48'06	28°31	25°30	22° 2	4°10	16°48	11° 0	27°35	6°59	7°38	5°20	4°44	16° 4	2° 4
T 11	17 16 11	19°45'27	10R52	26°43	23°15	4°49	16°53	11° 3	27°33	7° 1	7°39	5°18	4°41	16°11	2°10
F 12	17 20 8	20°42'47	23° 1	27°59	24°27	5°29	16°58	11° 6	27°32	7° 3	7°41	5°16	4°38	16°17	2°16
S 13	17 24 4	21°40'06	5M 0	29°18	25°39	6° 8	17° 3	11° 9	27°31	7° 5	7°42	5°15	4°35	16°24	2°22
S 14	17 28 1	22°37'25	16°54	0II40	26°52	6°47	17° 7	11°12	27°30	7° 8	7°43	5°14	4°32	16°31	2°28
M15	17 31 57	23°34'42	28°47	2° 6	28° 4	7°27	17°11	11°16	27°29	7°10	7°45	5°D14	4°28	16°37	2°35
T 16	17 35 54	24°31'59	10R45	3°34	29°16	8° 6	17°16	11°19	27°28	7°12	7°46	5°15	4°25	16°44	2°41
W17	17 39 50	25°29'14	22°50	5° 6	0II29	8°46	17°20	11°22	27°27	7°14	7°47	5°16	4°22	16°51	2°47
T 18	17 43 47	26°26'29	5M 9	6°40	1°41	9°25	17°24	11°26	27°26	7°16	7°49	5°18	4°19	16°58	2°54
F 19	17 47 44	27°23'44	17°44	8°18	2°54	10° 4	17°27	11°29	27°25	7°18	7°50	5°19	4°16	17° 4	3° 0
S 20	17 51 40	28°20'57	0R38	9°58	4° 6	10°43	17°31	11°33	27°24	7°20	7°51	5°R20	4°13	17°11	3° 7
S 21	17 55 37	29°18'11	13°53	11°42	5°18	11°23	17°34	11°37	27°23	7°23	7°52	5°20	4° 9	17°18	3°13
M22	17 59 33	0R15'23	27°28	13°28	6°31	12° 2	17°37	11°41	27°23	7°25	7°54	5°18	4° 6	17°25	3°20
T 23	18 3 30	1°12'36	11R33	15°17	7°44	12°41	17°40	11°45	27°22	7°27	7°55	5°16	4° 3	17°31	3°26
W24	18 7 26	2° 9'48	25°32	17° 9	8°56	13°20	17°43	11°49	27°21	7°29	7°56	5°13	4° 0	17°38	3°33
T 25	18 11 23	3° 7'00	9R53	19° 3	10° 9	13°59	17°45	11°53	27°21	7°31	7°58	5° 9	3°57	17°45	3°40
F 26	18 15 19	4° 4'12	24°19	21° 0	11°21	14°38	17°48	11°57	27°20	7°33	7°59	5° 5	3°54	17°51	3°47
S 27	18 19 16	5° 1'23	8R45	23° 0	12°34	15°17	17°50	12° 1	27°20	7°35	8° 0	5° 2	3°50	17°58	3°53
S 28	18 23 13	5°58'35	23° 6	25° 1	13°47	15°56	17°52	12° 6	27°19	7°37	8° 1	5° 0	3°47	18° 5	4° 0
M29	18 27 9	6°55'47	7R20	27° 5	14°59	16°35	17°54	12°10	27°19	7°39	8° 3	4°D59	3°44	18°12	4° 7
T 30	18 31 6	7°52'59	21Y24	29II10	16II12	17R14	17K55	12M15	27R19	7II41	8II 4	5II 0	3II41	18M18	4R14

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂								
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl								
M 1	21n59	6s 0	4s56	13n20	3s47	13n36	1s41	24n21	0n54	6s33	1s 4	9n28	2n 2	10s11	0n33	19n54	1s33	10n24	11s18	21n13	21n11	10n34	13n31	6s32
T 2	22 8	0n12	4 19	13 32	3 46	13 59	1 40	24 22	0 55	6 30	1 5	9 27	2 2	10 10	0 33	19 55	1 33	10 24	11 18	21 13	21 10	10 31	13 31	6 32
W 3	22 15	6 22	3 27	13 46	3 44	14 22	1 39	24 22	0 55	6 28	1 5	9 26	2 2	10 10	0 33	19 55	1 33	10 24	11 18	21 13	21 10	10 28	13 30	6 31
T 4	22 23	12 12	2 22	14 2	3 41	14 44	1 38	24 23	0 55	6 26	1 5	9 25	2 1	10 9	0 33	19 56	1 33	10 25	11 18	21 13	21 9	10 25	13 29	6 31
F 5	22 30	17 20	1 10	14 20	3 37	15 6	1 37	24 23	0 56	6 24	1 5	9 24	2 1	10 9	0 33	19 56	1 33	10 25	11 18	21 13	21 9	10 23	13 28	6 30
S 6	22 36	21 29	0n 5	14 38	3 33	15 28	1 35	24 23	0 56	6 22	1 6	9 23	2 1	10 8	0 33	19 56	1 33	10 25	11 18	21 13	21 8	10 20	13 28	6 30
S 7	22 43	24 23	1 19	14 59	3 28	15 49	1 34	24 22	0 56	6 20	1 6	9 22	2 1	10 8	0 33	19 57	1 33	10 25	11 18	21 13	21 8	10 17	13 27	6 29
M 8	22 48	25 52	2 27	15 20	3 22	16 10	1 32	24 22	0 56	6 18	1 6	9 21	2 1	10 7	0 33	19 57	1 33	10 26	11 18	21 13	21 7	10 14	13 26	6 29
T 9	22 54	25 54	3 25	15 42	3 16	16 31	1 31	24 21	0 57	6 16	1 7	9 19	2 1	10 7	0 33	19 57	1 33	10 26	11 18	21 13	21 6	10 12	13 25	6 28
W10	22 59	24 36	4 13	16 5	3 9	16 51	1 29	24 20	0 57	6 14	1 7	9 18	2 1	10 6	0 33	19 58	1 33	10 26	11 18	21 12	21 6	10 9	13 24	6 28
T 11	23 4	22 7	4 47	16 30	3 1	17 11	1 28	24 19	0 57	6 13	1 7	9 17	2 0	10 6	0 33	19 58	1 33	10 26	11 18	21 12	21 5	10 6	13 23	6 28
F 12	23 8	18 42	5 8	16 55	2 53	17 30	1 26	24 18	0 58	6 11	1 7	9 16	2 0	10 5	0 33	19 58	1 33	10 26	11 18	21 12	21 5	10 3	13 23	6 27
S 13	23 12	14 34	5 15	17 20	2 45	17 49	1 24	24 17	0 58	6 10	1 8	9 14	2 0	10 5	0 33	19 59	1 33	10 26	11 18	21 11	21 4	10 0	13 22	6 27
S 14	23 15	9 55	5 9	17 46	2 35	18 8	1 23	24 15	0 58	6 8	1 8	9 13	2 0	10 5	0 33	19 59	1 33	10 27	11 18	21 11	21 4	9 58	13 21	6 26
M15	23 18	4 54	4 49	18 13	2 26	18 26	1 21	24 13	0 58	6 7	1 8	9 12	2 0	10 4	0 33	20 0	1 33	10 27	11 19	21 11	21 3	9 55	13 20	6 26
T 16	23 20	0s19	4 17	18 39	2 16	18 43	1 19	24 11	0 59	6 5	1 9	9 10	2 0	10 4	0 33	20 0	1 33	10 27	11 19	21 11	21 2	9 52	13 19	6 25
W17	23 23	5 35	3 33	19 6	2 6	19 1	1 17	24 9	0 59	6 4	1 9	9 9	1 59	10 4	0 33	20 0	1 33	10 27	11 19	21 12	21 2	9 49	13 18	6 25
T 18	23 24	10 45	2 39	19 33	1 55	19 17	1 15	24 6	0 59	6 3	1 9	9 7	1 59	10 3	0 33	20 1	1 33	10 27	11 19	21 12	21 1	9 46	13 17	6 25
F 19	23 26	15 36	1 35	20 0	1 44	19 33	1 13	24 4	1 0	6 2	1 9	9 6	1 59	10 3	0 33	20 1	1 33	10 27	11 19	21 12	21 1	9 44	13 16	6 24
S 20	23 27	19 53	0 26	20 26	1 33	19 49	1 11	24 1	1 0	6 0	1 10	9 4	1 59	10 3	0 33	20 1	1 33	10 28	11 19	21 12	21 0	9 41	13 15	6 24
S 21	23 27	23 15	0s47	20 52	1 21	20 4	1 9	23 58	1 0	5 59	1 10	9 3	1 59	10 3	0 33	20 2	1 33	10 28	11 19	21 12	20 59	9 38	13 14	6 23
M22	23 27	25 24	1 59	21 17	1 10	20 19	1 7	23 55	1 0	5 59	1 10	9 1	1 59	10 2	0 33	20 2	1 33	10 28	11 19	21 12	20 59	9 35	13 12	6 23
T 23	23 27	26 2	3 5	21 41	0 58	20 33	1 4	23 51	1 0	5 58	1 11	8 59	1 59	10 2	0 33	20 2	1 33	10 28	11 19	21 12	20 58	9 32	13 11	6 23
W24	23 26	25 0	4 1	22 4	0 46	20 47	1 2	23 48	1 1	5 57	1 11	8 58	1 59	10 2	0 33	20 3	1 33	10 28	11 19	21 11	20 58	9 29	13 10	6 22
T 25	23 25	22 19	4 43	22 26	0 35	21 0	1 0	23 44	1 1	5 56	1 11	8 56	1 58	10 2	0 33	20 3	1 33	10 28	11 19	21 10	20 57	9 27	13 9	6 22
F 26	23 23	18 15	5 7	22 46	0 23	21 12	0 58	23 40	1 1	5 55	1 12	8 54	1 58	10 2	0 33	20 3	1 33	10 28	11 19	21 10	20 56	9 24	13 8	6 22
S 27	23 22	13 6	5 12	23 5	0 11	21 24	0 55	23 36	1 1	5 55	1 12	8 53	1 58	10 1	0 32	20 3	1 33	10 29	11 19	21 9	20 56	9 21	13 7	6 21
S 28	23 19	7 17	4 57	23 22	0n 0	21 35	0 53	23 31	1 2	5 54	1 12	8 51	1 58	10 1	0 32	20 4	1 33	10 29	11 19	21 9	20 55	9 18	13 5	6 21
M29	23 16	1 8	4 24	23 36	0 11	21 46	0 51	23 27	1 2	5 54	1 12	8 49	1 58	10 1	0 32	20 4	1 33	10 29	11 19	21 9	20 55	9 15	13 4	6 21
T 30	23n13	5n 1	3s36	23n49	0n22	21n56	0s48	23																

SWISS EPHEMERIS for the year 1891

JULY 1891

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	18 35 2	8 ^h 50'11"	5 ^h 16'	1 ^h 17'	17 ^h 25'	17 ^h 53'	17 ^h 57'	12 ^h 19'	27 ^h R18	7 ^h 43'	8 ^h II 5	5 ^h II 1	3 ^h II38	18 ^h 25'	4 ^h 21'
T 2	18 38 59	9°47'24"	18°57'	3°25'	18°38'	18°32'	17°58'	12°24'	27 ^h A18	7°45'	8° 6'	5° 3'	3°34'	18°32'	4°28'
F 3	18 42 55	10°44'36"	2 ^h II26	5°34'	19°50'	19°11'	17°59'	12°29'	27°18'	7°47'	8° 7'	5°R 3'	3°31'	18°38'	4°35'
S 4	18 46 52	11°41'49"	15°43'	7°44'	21° 3'	19°50'	18° 0'	12°33'	27°18'	7°49'	8° 9'	5° 3'	3°28'	18°45'	4°42'
S 5	18 50 48	12°39'02"	28°47'	9°54'	22°16'	20°29'	18° 0'	12°38'	27°18'	7°51'	8°10'	5° 1'	3°25'	18°52'	4°49'
M 6	18 54 45	13°36'16"	11 ^h 539	12° 4'	23°29'	21° 8'	18° 1'	12°43'	27°D18	7°53'	8°11'	4°57'	3°22'	18°59'	4°56'
T 7	18 58 42	14°33'29"	24°18'	14°14'	24°42'	21°47'	18° 1'	12°48'	27°18'	7°55'	8°12'	4°51'	3°19'	19° 5'	5° 3'
W 8	19 2 38	15°30'42"	6 ^h II45	16°24'	25°55'	22°26'	18°R 1'	12°53'	27°18'	7°57'	8°13'	4°44'	3°15'	19°12'	5°10'
T 9	19 6 35	16°27'56"	19° 1'	18°33'	27° 8'	23° 5'	18° 1'	12°59'	27°18'	7°58'	8°14'	4°37'	3°12'	19°19'	5°18'
F 10	19 10 31	17°25'09"	1 ^h II 6	20°41'	28°21'	23°44'	18° 1'	13° 4'	27°18'	8° 0'	8°15'	4°30'	3° 9'	19°25'	5°25'
S 11	19 14 28	18°22'22"	13° 3'	22°48'	29°34'	24°22'	18° 0'	13° 9'	27°18'	8° 2'	8°16'	4°23'	3° 6'	19°32'	5°32'
S 12	19 18 24	19°19'36"	24°55'	24°54'	0 ^h 547	25° 1'	17°59'	13°15'	27°19'	8° 4'	8°18'	4°19'	3° 3'	19°39'	5°39'
M13	19 22 21	20°16'49"	6 ^h A47	26°58'	2° 0'	25°40'	17°58'	13°20'	27°19'	8° 6'	8°19'	4°16'	3° 0'	19°46'	5°47'
T 14	19 26 18	21°14'02"	18°43'	29° 1'	3°13'	26°19'	17°57'	13°25'	27°20'	8° 7'	8°20'	4°D15'	2°56'	19°52'	5°54'
W15	19 30 14	22°11'16"	0 ^h II47	1 ^h II 2	4°26'	26°57'	17°56'	13°31'	27°20'	8° 9'	8°21'	4°15'	2°53'	19°59'	6° 1'
T 16	19 34 11	23° 8'30"	13° 4'	3° 2'	5°39'	27°36'	17°54'	13°37'	27°21'	8°11'	8°22'	4°16'	2°50'	20° 6'	6° 9'
F 17	19 38 7	24° 5'43"	25°40'	5° 0'	6°52'	28°15'	17°53'	13°42'	27°21'	8°13'	8°23'	4°17'	2°47'	20°13'	6°16'
S 18	19 42 4	25° 2'58"	8 ^h A38	6°56'	8° 5'	28°53'	17°51'	13°48'	27°22'	8°14'	8°24'	4°R17'	2°44'	20°19'	6°23'
S 19	19 46 0	26° 0'12"	22° 1'	8°51'	9°19'	29°32'	17°49'	13°54'	27°22'	8°16'	8°25'	4°16'	2°40'	20°26'	6°31'
M20	19 49 57	26°57'27"	5 ^h 50	10°44'	10°32'	0 ^h II11	17°47'	14° 0'	27°23'	8°18'	8°26'	4°12'	2°37'	20°33'	6°38'
T 21	19 53 53	27°54'42"	20° 4'	12°35'	11°45'	0°49'	17°44'	14° 6'	27°24'	8°19'	8°27'	4° 7'	2°34'	20°39'	6°45'
W22	19 57 50	28°51'58"	4 ^h A37	14°24'	12°59'	1°28'	17°41'	14°12'	27°25'	8°21'	8°28'	3°59'	2°31'	20°46'	6°53'
T 23	20 1 47	29°49'14"	19°24'	16°11'	14°12'	2° 6'	17°39'	14°18'	27°26'	8°22'	8°29'	3°51'	2°28'	20°53'	7° 0'
F 24	20 5 43	0 ^h II46'31"	4 ^h A16	17°57'	15°25'	2°45'	17°36'	14°24'	27°27'	8°24'	8°29'	3°43'	2°25'	21° 0'	7° 8'
S 25	20 9 40	1°43'49"	19° 5'	19°41'	16°39'	3°24'	17°32'	14°30'	27°27'	8°25'	8°30'	3°36'	2°21'	21° 6'	7°15'
S 26	20 13 36	2°41'07"	3 ^h A43	21°23'	17°52'	4° 2'	17°29'	14°36'	27°29'	8°27'	8°31'	3°31'	2°18'	21°13'	7°23'
M27	20 17 33	3°38'27"	18° 5'	23° 4'	19° 5'	4°41'	17°25'	14°42'	27°30'	8°28'	8°32'	3°27'	2°15'	21°20'	7°30'
T 28	20 21 29	4°35'47"	2 ^h A 9	24°42'	20°19'	5°19'	17°22'	14°49'	27°31'	8°30'	8°33'	3°D26'	2°12'	21°26'	7°38'
W29	20 25 26	5°33'09"	15°54'	26°19'	21°32'	5°58'	17°18'	14°55'	27°32'	8°31'	8°34'	3°27'	2° 9'	21°33'	7°45'
T 30	20 29 22	6°30'32"	29°21'	27°55'	22°46'	6°36'	17°14'	15° 1'	27°33'	8°33'	8°35'	3°R27'	2° 6'	21°40'	7°53'
F 31	20 33 19	7 ^h II27'56"	12 ^h II32	29 ^h II28	24 ^h 50	7 ^h II15	17 ^h A 9	15 ^h II 8	27 ^h A34	8 ^h II34	8 ^h II35	3 ^h II27	2 ^h II 2	21 ^h II47	8 ^h II 0

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	23n10	10n51	2s35	23n59	0n32	22n 6	0s46	23n17	1n 2	5s53	1s13	8n45	1n58	10s 1	0n32	20n 5
T 2	23 6 16 5	1 27 24 7	0 42 22 15	0 43 23 12	1 3 5 53	1 13 8 43	1 57 10 1	0 32 20 5	1 33 10 29	11 19 21 9	20 53 9 7	13 0 6 20				
F 3	23 1 20 26	0 14 24 12	0 51 22 23	0 41 23 7	1 3 5 53	1 14 8 41	1 57 10 1	0 32 20 5	1 33 10 29	11 20 21 9	20 52 9 4	12 59 6 20				
S 4	22 56 23 39	0n58	24 14	1 0 22 31	0 39 23 1	1 3 5 53	1 14 8 39	1 57 10 1	0 32 20 6	1 33 10 29	11 20 21 9	20 52 9 1	12 57 6 19			
S 5	22 51 25 32	2 5 24 13	1 8 22 38	0 36 22 56	1 3 5 53	1 14 8 37	1 57 10 1	0 32 20 6	1 33 10 29	11 20 21 9	20 51 8 58	12 56 6 19				
M 6	22 46 26 1	3 5 24 10	1 16 22 44	0 34 22 50	1 3 5 53	1 15 8 35	1 57 10 1	0 32 20 6	1 33 10 29	11 20 21 9	20 50 8 55	12 55 6 19				
T 7	22 40 25 8	3 55 24 3	1 22 22 50	0 31 22 44	1 4 5 53	1 15 8 33	1 57 10 1	0 32 20 6	1 33 10 29	11 20 21 9	20 50 8 52	12 53 6 19				
W 8	22 33 23 0	4 33 23 54	1 28 22 55	0 28 22 38	1 4 5 54	1 15 8 31	1 57 10 1	0 32 20 7	1 33 10 30	11 20 21 9	20 49 8 50	12 52 6 18				
T 9	22 26 19 50	4 57 23 43	1 34 22 59	0 26 22 32	1 4 5 54	1 15 8 29	1 57 10 1	0 32 20 7	1 33 10 30	11 20 21 9	20 49 8 47	12 50 6 18				
F 10	22 19 15 53	5 8 23 29	1 38 23 3	0 23 22 25	1 4 5 54	1 16 8 27	1 57 10 1	0 32 20 7	1 33 10 30	11 20 21 9	20 48 8 44	12 49 6 18				
S 11	22 12 11 21	5 5 23 12	1 42 23 6	0 21 22 19	1 4 5 55	1 16 8 25	1 56 10 1	0 32 20 7	1 33 10 30	11 20 21 9	20 47 8 41	12 47 6 18				
S 12	22 4 6 26	4 49 22 53	1 45 23 9	0 18 22 12	1 4 5 55	1 16 8 23	1 56 10 2	0 32 20 8	1 33 10 30	11 21 21 1	20 47 8 38	12 46 6 17				
M13	21 55 1 17	4 20 22 32	1 47 23 11	0 16 22 5	1 5 5 56	1 17 8 21	1 56 10 2	0 32 20 8	1 33 10 30	11 21 21 1	20 46 8 35	12 44 6 17				
T 14	21 47 3s56	3 41 22 8	1 48 23 12	0 13 21 58	1 5 5 57	1 17 8 18	1 56 10 2	0 32 20 8	1 34 10 30	11 21 21 1	20 46 8 32	12 43 6 17				
W15	21 38 9 5	2 51 21 43	1 49 23 12	0 11 21 51	1 5 5 57	1 17 8 16	1 56 10 2	0 32 20 8	1 34 10 30	11 21 21 1	20 45 8 29	12 41 6 17				
T 16	21 28 14 0	1 52 21 16	1 49 23 12	0 8 21 43	1 5 5 58	1 18 8 14	1 56 10 2	0 32 20 9	1 34 10 30	11 21 21 1	20 44 8 26	12 40 6 17				
F 17	21 18 18 26	0 46 20 47	1 49 23 11	0 6 21 36	1 5 5 59	1 18 8 12	1 56 10 3	0 32 20 9	1 34 10 30	11 21 21 1	20 44 8 24	12 38 6 16				
S 18	21 8 22 8	0s23	20 17	1 48 23 9	0 3 21 28	1 5 6 0	1 18 8 9	1 56 10 3	0 32 20 9	1 34 10 30	11 21 21 1	20 43 8 21	12 36 6 16			
S 19	20 58 24 46	1 34 19 46	1 46 23 7	0 0 21 20	1 6 6 1	1 18 8 7	1 56 10 3	0 32 20 9	1 34 10 30	11 21 21 1	20 42 8 18	12 35 6 16				
M20	20 47 26 0	2 41 19 13	1 43 23 4	0n 2 21 12	1 6 6 3	1 19 8 5	1 56 10 3	0 32 20 10	1 34 10 30	11 22 21 0	20 42 8 15	12 33 6 16				
T 21	20 36 25 35	3 40 18 39	1 40 23 1	0 5 21 4	1 6 6 4	1 19 8 2	1 55 10 4	0 32 20 10	1 34 10 30	11 22 20 59	20 41 8 12	12 32 6 16				
W22	20 24 23 25	4 26 18 4	1 37 22 56	0 7 20 55	1 6 6 5	1 19 8 0	1 55 10 4	0 32 20 10	1 34 10 30	11 22 20 58	20 41 8 9	12 30 6 16				
T 23	20 12 19 41	4 55 17 28	1 33 22 51	0 10 20 47	1 6 6 6	1 20 7 57	1 55 10 4	0 32 20 10	1 34 10 30	11 22 20 56	20 40 8 6	12 28 6 16				
F 24	20 0 14 40	5 5 16 52	1 28 22 46	0 12 20 38	1 6 6 8	1 20 7 55	1 55 10 5	0 32 20 10	1 34 10 30	11 22 20 54	20 39 8 3	12 26 6 16				
S 25	19 47 8 50	4 54 16 14	1 23 22 39	0 15 20 29	1 7 6 9	1 20 7 53	1 55 10 5	0 31 20 11	1 34 10 30	11 22 20 53	20 39 8 0	12 25 6 15				
S 26	19 34 2 33	4 24 15 37	1 18 22 32	0 17 20 17	1 7 6 11	1 20 7 50	1 55 10 6	0 31 20 11	1 34 10 30	11 22 20 52	20 38 7 57	12 23 6 15				
M27	19 21 3n45	3 38 14 58	1 12 22 25	0 19 20 11	1 7 6 13	1 21 7 48	1 55 10 6	0 31 20 11	1 34 10 30	11 23 20 52	20 37 7 54	12 21 6 15				
T 28	19 8 9 44	2 39 14 20	1 6 22 17	0 22 20 2	1 7 6 14	1 21 7 45	1 55 10 6	0 31 20 11	1 34 10 30	11 23 20 51	20 37 7 52	12 19 6 15				
W29	18 54 15 8	1 32 13 41	0 59 22 8	0 24 19 53	1 7 6 16	1 21 7 43	1 55 10 7	0 31 20 11	1 34 10 30	11 23 20 51	20 36 7 49	12 18 6 15				
T 30	18 39 19 40	0 22 13 1	0 52 21 58	0 26 19 43	1 7 6 18	1 22 7 40	1 55 10 7	0 31 20 12	1 34 10 30	11 23 20 52	20 36 7 46	12 16 6 15				
F 31	18n25	23n 7	0n48	12n22	0n45	21n48	0n29	19n33	1n 7	6s20	1s22	7n37	1n55	10s 8	0n31	20n12

Julian Day Number = 2411914.5, Delta T = -6.14 sec
 Ecliptic obliquity = 23°27'16", Nutation = - 0°00'15"
 Ayanamsha: Fagan/Bradley = 23°13'30", Lahiri = 22°20'30"

SWISS EPHEMERIS for the year 1891

AUGUST 1891

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	20 37 16	8♄25'22	25♂29	1♃0	25♁13	7♂53	17°R 5	15♃14	27♁36	8♂35	8♂36	3°R25	1♂59	21♃53	8♂ 8
S 2	20 41 12	9°22'48	8♁14	2°30	26°27	8°31	17♃ 0	15°21	27°37	8°37	8°37	3♂20	1°56	22° 0	8°15
M 3	20 45 9	10°20'15	20°47	3°58	27°40	9°10	16°55	15°27	27°39	8°38	8°38	3°13	1°53	22° 7	8°23
T 4	20 49 5	11°17'44	3♂11	5°25	28°54	9°48	16°50	15°34	27°40	8°39	8°38	3° 3	1°50	22°13	8°30
W 5	20 53 2	12°15'13	15°26	6°49	0♄ 8	10°27	16°45	15°41	27°42	8°40	8°39	2°51	1°46	22°20	8°38
T 6	20 56 58	13°12'44	27°33	8°12	1°22	11° 5	16°40	15°47	27°43	8°41	8°40	2°39	1°43	22°27	8°45
F 7	21 0 55	14°10'15	9♃32	9°33	2°35	11°44	16°35	15°54	27°45	8°43	8°40	2°26	1°40	22°34	8°53
S 8	21 4 51	15° 7'47	21°26	10°52	3°49	12°22	16°29	16° 1	27°46	8°44	8°41	2°15	1°37	22°40	9° 0
S 9	21 8 48	16° 5'20	3♁16	12° 9	5° 3	13° 0	16°23	16° 8	27°48	8°45	8°42	2° 6	1°34	22°47	9° 8
M10	21 12 45	17° 2'55	15° 6	13°25	6°17	13°39	16°17	16°15	27°50	8°46	8°42	1°59	1°31	22°54	9°15
T 11	21 16 41	18° 0'30	27° 0	14°38	7°31	14°17	16°11	16°21	27°52	8°47	8°43	1°55	1°27	23° 0	9°23
W12	21 20 38	18°58'06	9♂ 1	15°49	8°45	14°55	16° 5	16°28	27°54	8°48	8°44	1°54	1°24	23° 7	9°30
T 13	21 24 34	19°55'43	21°16	16°57	9°59	15°34	15°59	16°35	27°56	8°49	8°44	1°D53	1°21	23°14	9°38
F 14	21 28 31	20°53'21	3♂48	18° 4	11°12	16°12	15°53	16°42	27°57	8°50	8°45	1°R53	1°18	23°21	9°45
S 15	21 32 27	21°51'00	16°44	19° 8	12°26	16°50	15°46	16°49	27°59	8°51	8°45	1°53	1°15	23°27	9°52
S 16	21 36 24	22°48'40	0♄ 6	20° 9	13°40	17°29	15°39	16°56	28° 2	8°52	8°46	1°50	1°11	23°34	10° 0
M17	21 40 20	23°46'21	13°58	21° 8	14°54	18° 7	15°33	17° 4	28° 4	8°53	8°46	1°46	1° 8	23°41	10° 7
T 18	21 44 17	24°44'03	28°19	22° 4	16° 8	18°45	15°26	17°11	28° 6	8°53	8°47	1°38	1° 5	23°47	10°15
W19	21 48 14	25°41'47	13♁ 5	22°57	17°23	19°23	15°19	17°18	28° 8	8°54	8°47	1°29	1° 2	23°54	10°22
T 20	21 52 10	26°39'32	28° 9	23°48	18°37	20° 2	15°12	17°25	28°10	8°55	8°47	1°18	0°59	24° 1	10°29
F 21	21 56 7	27°37'18	13♃21	24°34	19°51	20°40	15° 5	17°32	28°12	8°56	8°48	1° 7	0°56	24° 8	10°37
S 22	22 0 3	28°35'05	28°31	25°18	21° 5	21°18	14°57	17°39	28°15	8°57	8°48	0°57	0°52	24°14	10°44
S 23	22 4 0	29°32'54	13♂28	25°58	22°19	21°56	14°50	17°47	28°17	8°57	8°49	0°50	0°49	24°21	10°51
M24	22 7 56	0♃30'45	28° 5	26°34	23°33	22°34	14°43	17°54	28°19	8°58	8°49	0°45	0°46	24°28	10°59
T 25	22 11 53	1°28'38	12♂18	27° 5	24°48	23°13	14°35	18° 1	28°22	8°58	8°49	0°43	0°43	24°34	11° 6
W26	22 15 49	2°26'33	26° 6	27°33	26° 2	23°51	14°28	18° 9	28°24	8°59	8°49	0°43	0°40	24°41	11°13
T 27	22 19 46	3°24'29	9♂30	27°56	27°16	24°29	14°20	18°16	28°27	9° 0	8°50	0°42	0°37	24°48	11°20
F 28	22 23 43	4°22'28	22°33	28°14	28°30	25° 7	14°12	18°23	28°29	9° 0	8°50	0°42	0°33	24°54	11°28
S 29	22 27 39	5°20'28	5♁19	28°27	29°45	25°45	14° 4	18°31	28°32	9° 1	8°50	0°39	0°30	25° 1	11°35
S 30	22 31 36	6°18'30	17°51	28°34	0♃59	26°24	13°57	18°38	28°35	9° 1	8°50	0°34	0°27	25° 8	11°42
M31	22 35 32	7♃16'34	0♄11	28°R36	2♃13	27♂ 2	13♃49	18♃45	28♁37	9♂ 2	8♂51	0♂26	0♂24	25♃15	11♂49

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♃		♄			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	18n10	25n17	1n54	11n42	0n37	21n37	0n31	19n24	1n 7	6s22	1s22	7n35	1n55	10s 8	0n31	20n12	1s34	10n30	11s23	20n51	20n34	7n40	12n12	6s15						
S 2	17 55 26	5 2 54	11 2	0 29 21	25 0 33	19 14	1 8	6 24	1 22	7 32	1 55	10 9	0 31	20 12	1 34	10 29	11 24	20 50	20 34	7 37	12 10	6 15								
M 3	17 40 25	32 4 43	10 23	0 21 21	13 0 36	19 4	1 8	6 26	1 23	7 30	1 54	10 9	0 31	20 12	1 34	10 29	11 24	20 49	20 33	7 34	12 8	6 15								
T 4	17 24 23	42 4 22	9 43	0 12 21	0 0 38	18 54	1 8	6 28	1 23	7 27	1 54	10 10	0 31	20 12	1 34	10 29	11 24	20 47	20 32	7 31	12 7	6 15								
W 5	17 8 20	48 4 48	9 4	0 3 20	47 0 40	18 43	1 8	6 30	1 23	7 24	1 54	10 11	0 31	20 13	1 34	10 29	11 24	20 45	20 32	7 28	12 5	6 15								
T 6	16 52 17	1 5 0	8 25	0s 6	20 33	0 42	18 33	1 8	6 33	1 23	7 22	1 54	10 11	0 31	20 13	1 34	10 29	11 24	20 42	20 31	7 25	12 3	6 15							
F 7	16 35 12	36 4 59	7 46	0 15 20	19 0 44	18 22	1 8	6 35	1 24	7 19	1 54	10 12	0 31	20 13	1 34	10 29	11 25	20 40	20 31	7 22	12 1	6 15								
S 8	16 19 7	45 4 45	7 7	0 24 20	3 0 46	18 12	1 8	6 37	1 24	7 16	1 54	10 12	0 31	20 13	1 34	10 29	11 25	20 38	20 30	7 19	11 59	6 15								
S 9	16 1 2	39 4 18	6 29	0 34 19	48 0 48	18 1	1 8	6 40	1 24	7 14	1 54	10 13	0 31	20 13	1 34	10 29	11 25	20 36	20 29	7 16	11 57	6 15								
M10	15 44 2s33	3 41 5 51	0 44	19 31	0 50	17 50	1 8	6 42	1 24	7 11	1 54	10 14	0 31	20 13	1 35	10 29	11 25	20 34	20 29	7 13	11 55	6 15								
T 11	15 27 7	43 2 54 5 14	0 54	19 15	0 52	17 39	1 8	6 45	1 25	7 8	1 54	10 14	0 31	20 13	1 35	10 29	11 25	20 34	20 28	7 10	11 53	6 15								
W12	15 9 12	39 1 58 4 37	1 4	18 57	0 54	17 28	1 9	6 48	1 25	7 6	1 54	10 15	0 31	20 13	1 35	10 29	11 25	20 33	20 27	7 7	11 51	6 15								
T 13	14 51 17	11 0 56 4 1	1 14	18 39	0 56	17 16	1 9	6 50	1 25	7 3	1 54	10 16	0 31	20 14	1 35	10 29	11 26	20 33	20 27	7 4	11 49	6 15								
F 14	14 32 21	5 0s10 3 26	1 24	18 21	0 58	17 5	1 9	6 53	1 25	7 0	1 54	10 17	0 31	20 14	1 35	10 28	11 26	20 33	20 26	7 1	11 47	6 15								
S 15	14 14 24	5 1 18 2 51	1 35	18 2	0 59	16 54	1 9	6 56	1 25	6 57	1 54	10 17	0 31	20 14	1 35	10 28	11 26	20 33	20 25	6 58	11 45	6 15								
S 16	13 55 25	51 2 23 2 17	1 45	17 42	1 1	16 42	1 9	6 58	1 26	6 55	1 54	10 18	0 31	20 14	1 35	10 28	11 26	20 33	20 25	6 56	11 43	6 15								
M17	13 36 26	5 3 23 1 45	1 56	17 22	1 3	16 30	1 9	7 1	1 26	6 52	1 54	10 19	0 31	20 14	1 35	10 28	11 26	20 32	20 24	6 53	11 41	6 15								
T 18	13 17 24	37 4 12 1 13	2 6	17 2	1 4	16 18	1 9	7 4	1 26	6 49	1 54	10 20	0 31	20 14	1 35	10 28	11 27	20 30	20 23	6 50	11 39	6 16								
W19	12 58 21	27 4 45 0 42	2 17	16 41	1 6	16 7	1 9	7 7	1 26	6 46	1 54	10 20	0 31	20 14	1 35	10 28	11 27	20 28	20 23	6 47	11 37	6 16								
T 20	12 38 16	48 5 0 0 13	2 27	16 19	1 7	15 55	1 9	7 10	1 26	6 43	1 54	10 21	0 31	20 14	1 35	10 28	11 27	20 26	20 22	6 44	11 35	6 16								
F 21	12 18 11	4 4 53 0s15	2 37	15 57	1 9	15 42	1 9	7 13	1 26	6 40	1 54	10 22	0 31	20 14	1 35	10 28	11 27	20 24	20 21	6 41	11 33	6 16								
S 22	11 58 4	40 4 27 0 41	2 47	15 35	1 10	15 30	1 9	7 16	1 27	6 38	1 54	10 23	0 31	20 14	1 35	10 27	11 27	20 22	20 21	6 38	11 31	6 16								
S 23	11 38 1n55	3 42 1 6	2 57	15 12	1 11	15 18	1 9	7 19	1 27	6 35	1 54	10 24	0 31	20 14	1 35	10 27	11 28	20 20	20 20	6 35	11 29	6 16								
M24	11 18 8	15 2 43 1 29	3 7	14 49	1 13	15 5	1 9	7 22	1 27	6 32	1 54	10 25	0 31	20 14	1 35	10 27	11 28	20 19	20 19	6 32	11 27	6 16								
T 25	10 57 14	1 1 36 1 51	3 17	14 25	1 14	14 53	1 9	7 25	1 27	6 29	1 54	10 26	0 30	20 14	1 35	10 27	11 28	20 19	20 19	6 29	11 25	6 17								
W26	10 37 18	54 0 24 2 10	3 26	14 1																										

SWISS EPHEMERIS for the year 1891

SEPTEMBER 1891

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	22 39 29	8 ^m 14'40	12 ^o 22	28 ^o R32	3 ^m 28	27 ^o 240	13 ^o R41	18 ^m 53	28 ^o 40	9 ^m 2	8 ^m 51	0 ^o R15	0 ^m 21	25 ^m 21	11 ^o 56
W 2	22 43 25	9 ^o 12'47	24 ^o 26	28 ^m 22	4 ^o 42	28 ^o 18	13 ^m 33	19 ^o 0	28 ^o 43	9 ^o 2	8 ^o 51	0 ^o II	0 ^o 17	25 ^o 28	12 ^o 3
T 3	22 47 22	10 ^o 10'56	6 ^m 25	28 ^o 5	5 ^o 57	28 ^o 56	13 ^o 25	19 ^o 8	28 ^o 45	9 ^o 3	8 ^o 51	29 ^o 8	0 ^o 14	25 ^o 35	12 ^o 10
F 4	22 51 18	11 ^o 9'07	18 ^o 19	27 ^o 42	7 ^o 11	29 ^o 34	13 ^o 17	19 ^o 15	28 ^o 48	9 ^o 3	8 ^o 51	29 ^o 35	0 ^o 11	25 ^o 41	12 ^o 17
S 5	22 55 15	12 ^o 7'20	0 ^o 10	27 ^o 13	8 ^o 26	0 ^m 13	13 ^o 9	19 ^o 23	28 ^o 51	9 ^o 3	8 ^o 51	29 ^o 22	0 ^o 8	25 ^o 48	12 ^o 24
S 6	22 59 12	13 ^o 5'34	12 ^o 0	26 ^o 38	9 ^o 40	0 ^o 51	13 ^o 1	19 ^o 30	28 ^o 54	9 ^o 3	8 ^o 51	29 ^o 12	0 ^o 5	25 ^o 55	12 ^o 31
M 7	23 3 8	14 ^o 3'50	23 ^o 50	25 ^o 57	10 ^o 55	1 ^o 29	12 ^o 53	19 ^o 38	28 ^o 57	9 ^o 4	8 ^o 51	29 ^o 4	0 ^o 2	26 ^o 2	12 ^o 38
T 8	23 7 5	15 ^o 2'07	5 ^m 45	25 ^o 10	12 ^o 9	2 ^o 7	12 ^o 45	19 ^o 45	29 ^o 0	9 ^o 4	8 ^o R51	28 ^o 59	29 ^o 58	26 ^o 8	12 ^o 45
W 9	23 11 1	16 ^o 0'26	17 ^o 46	24 ^o 18	13 ^o 24	2 ^o 45	12 ^o 37	19 ^o 53	29 ^o 3	9 ^o 4	8 ^o 51	28 ^o 57	29 ^o 55	26 ^o 15	12 ^o 52
T 10	23 14 58	16 ^o 58'47	29 ^o 59	23 ^o 22	14 ^o 38	3 ^o 23	12 ^o 29	20 ^o 0	29 ^o 6	9 ^o 4	8 ^o 51	28 ^o D57	29 ^o 52	26 ^o 22	12 ^o 59
F 11	23 18 54	17 ^o 57'09	12 ^o 30	22 ^o 23	15 ^o 53	4 ^o 1	12 ^o 22	20 ^o 8	29 ^o 9	9 ^o 4	8 ^o 51	28 ^o R57	29 ^o 49	26 ^o 28	13 ^o 5
S 12	23 22 51	18 ^o 55'33	25 ^o 21	21 ^o 21	17 ^o 8	4 ^o 39	12 ^o 14	20 ^o 15	29 ^o 12	9 ^o R 4	8 ^o 51	28 ^o 57	29 ^o 46	26 ^o 35	13 ^o 12
S 13	23 26 47	19 ^o 53'59	8 ^o 38	20 ^o 20	18 ^o 22	5 ^o 17	12 ^o 6	20 ^o 23	29 ^o 15	9 ^o 4	8 ^o 51	28 ^o 55	29 ^o 43	26 ^o 42	13 ^o 19
M14	23 30 44	20 ^o 52'26	22 ^o 23	19 ^o 18	19 ^o 37	5 ^o 56	11 ^o 58	20 ^o 30	29 ^o 18	9 ^o 4	8 ^o 51	28 ^o 52	29 ^o 39	26 ^o 49	13 ^o 25
T 15	23 34 41	21 ^o 50'55	6 ^o 39	18 ^o 19	20 ^o 51	6 ^o 34	11 ^o 50	20 ^o 38	29 ^o 21	9 ^o 4	8 ^o 51	28 ^o 46	29 ^o 36	26 ^o 55	13 ^o 32
W16	23 38 37	22 ^o 49'25	21 ^o 22	17 ^o 24	22 ^o 6	7 ^o 12	11 ^o 43	20 ^o 45	29 ^o 24	9 ^o 4	8 ^o 51	28 ^o 38	29 ^o 33	27 ^o 2	13 ^o 38
T 17	23 42 34	23 ^o 47'57	6 ^o 37	16 ^o 34	23 ^o 21	7 ^o 50	11 ^o 35	20 ^o 53	29 ^o 28	9 ^o 4	8 ^o 51	28 ^o 28	29 ^o 30	27 ^o 9	13 ^o 45
F 18	23 46 30	24 ^o 46'31	21 ^o 45	15 ^o 50	24 ^o 36	8 ^o 28	11 ^o 27	21 ^o 0	29 ^o 31	9 ^o 3	8 ^o 50	28 ^o 19	29 ^o 27	27 ^o 15	13 ^o 51
S 19	23 50 27	25 ^o 45'07	7 ^o 4	15 ^o 13	25 ^o 50	9 ^o 6	11 ^o 20	21 ^o 8	29 ^o 34	9 ^o 3	8 ^o 50	28 ^o 10	29 ^o 23	27 ^o 22	13 ^o 58
S 20	23 54 23	26 ^o 43'44	22 ^o 14	14 ^o 45	27 ^o 5	9 ^o 44	11 ^o 13	21 ^o 15	29 ^o 37	9 ^o 3	8 ^o 50	28 ^o 4	29 ^o 20	27 ^o 29	14 ^o 4
M21	23 58 20	27 ^o 42'24	7 ^o 4	14 ^o 26	28 ^o 20	10 ^o 22	11 ^o 5	21 ^o 22	29 ^o 41	9 ^o 3	8 ^o 50	28 ^o 0	29 ^o 17	27 ^o 35	14 ^o 10
T 22	0 2 16	28 ^o 41'06	21 ^o 30	14 ^o D17	29 ^o 34	11 ^o 0	10 ^o 58	21 ^o 30	29 ^o 44	9 ^o 2	8 ^o 49	27 ^o D58	29 ^o 14	27 ^o 42	14 ^o 16
W23	0 6 13	29 ^o 39'51	5 ^m 18	14 ^o 18	0 ^o 49	11 ^o 38	10 ^o 51	21 ^o 37	29 ^o 48	9 ^o 2	8 ^o 49	27 ^o 58	29 ^o 11	27 ^o 49	14 ^o 23
T 24	0 10 9	0 ^o 38'37	18 ^o 58	14 ^o 28	2 ^o 4	12 ^o 16	10 ^o 44	21 ^o 45	29 ^o 51	9 ^o 2	8 ^o 49	27 ^o 59	29 ^o 8	27 ^o 56	14 ^o 29
F 25	0 14 6	1 ^o 37'26	2 ^o 4	14 ^o 49	3 ^o 19	12 ^o 54	10 ^o 37	21 ^o 52	29 ^o 54	9 ^o 1	8 ^o 49	27 ^o R59	29 ^o 4	28 ^o 2	14 ^o 35
S 26	0 18 3	2 ^o 36'18	14 ^o 47	15 ^o 19	4 ^o 34	13 ^o 32	10 ^o 30	22 ^o 0	29 ^o 58	9 ^o 1	8 ^o 48	27 ^o 58	29 ^o 1	28 ^o 9	14 ^o 41
S 27	0 21 59	3 ^o 35'11	27 ^o 14	15 ^o 58	5 ^o 48	14 ^o 11	10 ^o 23	22 ^o 7	0 ^m 1	9 ^o 0	8 ^o 48	27 ^o 56	28 ^o 58	28 ^o 16	14 ^o 47
M28	0 25 56	4 ^o 34'07	9 ^o 27	16 ^o 46	7 ^o 3	14 ^o 49	10 ^o 17	22 ^o 15	0 ^o 5	9 ^o 0	8 ^o 47	27 ^o 51	28 ^o 55	28 ^o 22	14 ^o 53
T 29	0 29 52	5 ^o 33'05	21 ^o 31	17 ^o 42	8 ^o 18	15 ^o 27	10 ^o 10	22 ^o 22	0 ^o 8	8 ^o 59	8 ^o 47	27 ^o 43	28 ^o 52	28 ^o 29	14 ^o 58
W30	0 33 49	6 ^o 32'05	3 ^m 28	18 ^m 45	9 ^m 33	16 ^m 5	10 ^m 4	22 ^m 29	0 ^m 12	8 ^m 59	8 ^m 47	27 ^o 34	28 ^o 48	28 ^m 36	15 ^o 2

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	8n29	21n40	4n46	3s14	4s10	11n30	1n21	13n23	1n10	7s46	1s28	6n9	1n54	10s32	0n30	20n15	1s36	10n26	11s29	20n13	20n14	6n8	11n10	6s18
W 2	8 7 18	4 4 58	3 14	4 14	11 3	1 21	13 10	1 10	7 50	1 28	6 6	1 54	10 33	0 30	20 15	1 36	10 26	11 30	20 10	20 13	6 5	11 8	6 18	
T 3	7 45 13	4 58	3 11	4 17	10 36	1 22	12 56	1 10	7 53	1 28	6 3	1 54	10 34	0 30	20 15	1 36	10 25	11 30	20 7	20 13	6 2	11 6	6 18	
F 4	7 23 8	5 44	3 3	4 20	10 9	1 22	12 43	1 10	7 56	1 28	6 0	1 54	10 35	0 30	20 15	1 36	10 25	11 30	20 4	20 12	5 59	11 4	6 19	
S 5	7 1 3	5 48	4 18	2 53	4 20	9 42	1 23	12 30	1 10	7 59	1 28	5 57	1 54	10 36	0 30	20 15	1 36	10 25	11 30	20 2	20 11	5 56	11 2	6 19
S 6	6 39	1s21	3 41	2 38	4 20	9 14	1 23	12 16	1 10	8 2	1 28	5 54	1 54	10 37	0 30	20 15	1 36	10 25	11 31	19 59	20 11	5 53	10 59	6 19
M 7	6 16	6 33	2 55	2 19	4 17	8 46	1 24	12 3	1 10	8 5	1 28	5 51	1 54	10 38	0 30	20 15	1 36	10 25	11 31	19 58	20 10	5 50	10 57	6 19
T 8	5 54	11 34	2 0	1 57	4 13	8 18	1 24	11 49	1 10	8 8	1 28	5 48	1 54	10 39	0 30	20 15	1 36	10 24	11 31	19 57	20 9	5 46	10 55	6 20
W 9	5 31	16 12	0 59	1 31	4 7	7 50	1 24	11 35	1 10	8 11	1 28	5 46	1 54	10 40	0 30	20 15	1 36	10 24	11 31	19 56	20 9	5 43	10 53	6 20
T 10	5 9	20 15	0s6	1 1	3 59	7 21	1 25	11 21	1 10	8 14	1 29	5 43	1 54	10 42	0 30	20 15	1 36	10 24	11 31	19 56	20 8	5 40	10 51	6 20
F 11	4 46	23 29	1 11	0 29	3 49	6 52	1 25	11 8	1 10	8 18	1 29	5 40	1 54	10 43	0 30	20 14	1 36	10 24	11 32	19 56	20 7	5 37	10 49	6 20
S 12	4 23	25 38	2 15	0n6	3 37	6 23	1 25	10 54	1 10	8 21	1 29	5 37	1 54	10 44	0 30	20 14	1 36	10 24	11 32	19 56	20 7	5 34	10 47	6 21
S 13	4 0	26 24	3 14	0 43	3 23	5 54	1 25	10 40	1 10	8 24	1 29	5 34	1 54	10 45	0 30	20 14	1 36	10 23	11 32	19 56	20 6	5 31	10 44	6 21
M14	3 37	25 37	4 4	1 21	3 8	5 25	1 25	10 26	1 10	8 27	1 29	5 31	1 54	10 46	0 30	20 14	1 36	10 23	11 32	19 55	20 5	5 28	10 42	6 21
T 15	3 14	23 9	4 41	2 0	2 51	4 55	1 25	10 12	1 10	8 30	1 29	5 28	1 54	10 47	0 30	20 14	1 36	10 23	11 32	19 54	20 5	5 25	10 40	6 22
W16	2 51	19 8	5 1	2 38	2 33	4 26	1 25	9 57	1 10	8 32	1 29	5 25	1 54	10 48	0 30	20 14	1 36	10 23	11 33	19 52	20 4	5 22	10 38	6 22
T 17	2 28	13 48	5 0	3 15	2 14	3 56	1 24	9 43	1 10	8 35	1 29	5 22	1 54	10 49	0 30	20 14	1 36	10 22	11 33	19 50	20 3	5 19	10 36	6 22
F 18	2 5	7 32	4 38	3 50	1 54	3 26	1 24	9 29	1 10	8 38	1 29	5 19	1 54	10 51	0 30	20 14	1 36	10 22	11 33	19 48	20 3	5 16	10 34	6 23
S 19	1 41	0 49	3 57	4 23	1 34	2 56	1 24	9 15	1 10	8 41	1 29	5 16	1 54	10 52	0 30	20 14	1 36	10 22	11 33	19 46	20 2	5 13	10 32	6 23

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OCTOBER 1891

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
T 1	0 37 45	7♂31'07	15♃21	19♃55	10♂48	16♃43	9°R58	22♃37	0♃15	8°R58	8°R46	27°R24	28♂45	28♃43	15♂10
F 2	0 41 42	8°30'12	27°12	21°11	12° 3	17°21	9♂52	22°44	0°19	8♂57	8♂46	27♂15	28°42	28°49	15°16
S 3	0 45 38	9°29'18	9♂ 3	22°32	13°18	17°59	9°46	22°51	0°22	8°57	8°45	27° 6	28°39	28°56	15°21
S 4	0 49 35	10°28'27	20°55	23°58	14°33	18°37	9°40	22°59	0°26	8°56	8°45	26°59	28°36	29° 3	15°27
M 5	0 53 32	11°27'37	2♃51	25°27	15°47	19°15	9°34	23° 6	0°30	8°55	8°44	26°54	28°33	29° 9	15°32
T 6	0 57 28	12°26'50	14°52	27° 0	17° 2	19°53	9°29	23°13	0°33	8°55	8°44	26°51	28°29	29°16	15°37
W 7	1 1 25	13°26'04	27° 0	28°36	18°17	20°31	9°23	23°20	0°37	8°54	8°43	26°D50	28°26	29°23	15°43
T 8	1 5 21	14°25'20	9♂19	0♂14	19°32	21° 9	9°18	23°28	0°40	8°53	8°42	26°50	28°23	29°29	15°48
F 9	1 9 18	15°24'39	21°52	1°53	20°47	21°47	9°13	23°35	0°44	8°52	8°42	26°52	28°20	29°36	15°53
S 10	1 13 14	16°23'59	4♂43	3°34	22° 2	22°25	9° 8	23°42	0°48	8°51	8°41	26°53	28°17	29°43	15°58
S 11	1 17 11	17°23'20	17°56	5°16	23°17	23° 3	9° 4	23°49	0°51	8°50	8°41	26°R54	28°14	29°50	16° 3
M12	1 21 7	18°22'44	1♂33	6°59	24°32	23°41	8°59	23°56	0°55	8°49	8°40	26°53	28°10	29°56	16° 8
T 13	1 25 4	19°22'09	15°37	8°43	25°47	24°20	8°55	24° 3	0°59	8°49	8°39	26°51	28° 7	0♂ 3	16°13
W14	1 29 1	20°21'36	0♂ 5	10°26	27° 2	24°58	8°51	24°10	1° 3	8°48	8°38	26°47	28° 4	0°10	16°18
T 15	1 32 57	21°21'05	14°56	12°10	28°17	25°36	8°47	24°17	1° 6	8°47	8°38	26°42	28° 1	0°16	16°23
F 16	1 36 54	22°20'35	0♂ 1	13°54	29°32	26°14	8°43	24°24	1°10	8°46	8°37	26°37	27°58	0°23	16°27
S 17	1 40 50	23°20'08	15°13	15°38	0♃47	26°52	8°39	24°31	1°14	8°44	8°36	26°32	27°54	0°30	16°32
S 18	1 44 47	24°19'42	0♂21	17°21	2° 2	27°30	8°36	24°38	1°18	8°43	8°36	26°28	27°51	0°36	16°36
M19	1 48 43	25°19'18	15°15	19° 4	3°17	28° 8	8°33	24°45	1°21	8°42	8°35	26°26	27°48	0°43	16°41
T 20	1 52 40	26°18'57	29°48	20°47	4°32	28°46	8°30	24°51	1°25	8°41	8°34	26°D26	27°45	0°50	16°45
W21	1 56 36	27°18'38	13♂55	22°29	5°47	29°24	8°27	24°58	1°29	8°40	8°33	26°27	27°42	0°57	16°49
T 22	2 0 33	28°18'21	27°34	24°11	7° 2	0♂ 2	8°24	25° 5	1°33	8°39	8°32	26°28	27°39	1° 3	16°53
F 23	2 4 30	29°18'06	10♂47	25°53	8°17	0°40	8°22	25°12	1°36	8°38	8°32	26°30	27°35	1°10	16°57
S 24	2 8 26	0♃17'54	23°36	27°34	9°32	1°18	8°20	25°18	1°40	8°36	8°31	26°31	27°32	1°17	17° 1
S 25	2 12 23	1°17'44	6♂ 4	29°14	10°47	1°56	8°17	25°25	1°44	8°35	8°30	26°R31	27°29	1°23	17° 5
M26	2 16 19	2°17'36	18°17	0♃54	12° 2	2°34	8°16	25°31	1°48	8°34	8°29	26°30	27°26	1°30	17° 9
T 27	2 20 16	3°17'30	0♃19	2°34	13°17	3°12	8°14	25°38	1°51	8°32	8°28	26°28	27°23	1°37	17°13
W28	2 24 12	4°17'26	12°13	4°12	14°32	3°50	8°13	25°44	1°55	8°31	8°27	26°25	27°20	1°43	17°16
T 29	2 28 9	5°17'24	24° 3	5°51	15°47	4°28	8°11	25°51	1°59	8°30	8°26	26°21	27°16	1°50	17°20
F 30	2 32 5	6°17'25	5♂54	7°29	17° 2	5° 6	8°10	25°57	2° 3	8°28	8°25	26°18	27°13	1°57	17°23
S 31	2 36 2	7♃17'27	17♂47	9♃ 6	18♃17	5♂44	8♂ 9	26♃ 3	2♃ 6	8♂27	8♂24	26♂15	27♂10	2♂ 4	17♂27

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	2s59	10m15	4n51	5n22	1n29	3s 8	1n14	6n19	1n 9	9s12	1s28	4n42	1n55	11s 6	0n30	20n13	1s37	10n19	11s35	19n36	19n54	4n36	10n 7	6s28
F 2	3 22	5 11	4 26	4 59	1 37	3 39	1 13	6 4	1 9	9 14	1 28	4 39	1 56	11 8	0 30	20 13	1 37	10 19	11 36	19 33	19 53	4 33	10 4	6 29
S 3	3 46	0s 5	3 49	4 32	1 43	4 9	1 12	5 49	1 9	9 16	1 28	4 36	1 56	11 9	0 30	20 12	1 37	10 19	11 36	19 31	19 52	4 30	10 2	6 29
S 4	4 9	5 22	3 1	4 3	1 48	4 39	1 11	5 34	1 9	9 18	1 28	4 34	1 56	11 10	0 30	20 12	1 37	10 18	11 36	19 30	19 52	4 27	10 0	6 29
M 5	4 32	10 30	2 6	3 31	1 51	5 9	1 9	5 19	1 9	9 20	1 27	4 31	1 56	11 11	0 30	20 12	1 37	10 18	11 36	19 29	19 51	4 24	9 58	6 30
T 6	4 55	15 17	1 4	2 56	1 54	5 39	1 8	5 4	1 9	9 22	1 27	4 28	1 56	11 13	0 30	20 12	1 37	10 18	11 36	19 28	19 50	4 21	9 56	6 30
W 7	5 18	19 31	0s 1	2 20	1 56	6 9	1 6	4 49	1 9	9 24	1 27	4 25	1 56	11 14	0 29	20 12	1 37	10 18	11 37	19 28	19 49	4 18	9 54	6 31
T 8	5 41	22 58	1 7	1 42	1 57	6 39	1 5	4 34	1 9	9 26	1 27	4 23	1 56	11 15	0 29	20 12	1 37	10 17	11 37	19 28	19 49	4 15	9 52	6 31
F 9	6 4	25 24	2 12	1 2	1 57	7 8	1 3	4 19	1 9	9 28	1 27	4 20	1 56	11 17	0 29	20 11	1 37	10 17	11 37	19 28	19 48	4 12	9 50	6 32
S 10	6 27	26 33	3 11	0 21	1 56	7 38	1 2	4 4	1 9	9 29	1 27	4 17	1 56	11 18	0 29	20 11	1 37	10 17	11 37	19 28	19 47	4 9	9 48	6 32
S 11	6 50	26 15	4 2	0s20	1 55	8 7	1 0	3 49	1 9	9 31	1 27	4 14	1 56	11 19	0 29	20 11	1 37	10 17	11 37	19 29	19 47	4 6	9 47	6 33
M12	7 13	24 24	4 4	1 3	1 53	8 36	0 58	3 34	1 9	9 32	1 26	4 12	1 57	11 21	0 29	20 11	1 37	10 16	11 37	19 28	19 46	4 2	9 45	6 33
T 13	7 35	21 1	5 5	1 46	1 50	9 5	0 57	3 18	1 9	9 34	1 26	4 9	1 57	11 22	0 29	20 11	1 38	10 16	11 38	19 28	19 45	3 59	9 43	6 34
W14	7 58	16 17	5 11	2 30	1 47	9 34	0 55	3 3	1 9	9 35	1 26	4 6	1 57	11 23	0 29	20 11	1 38	10 16	11 38	19 27	19 45	3 56	9 41	6 35
T 15	8 20	10 29	4 56	3 14	1 43	10 3	0 53	2 48	1 9	9 37	1 26	4 4	1 57	11 24	0 29	20 10	1 38	10 16	11 38	19 26	19 44	3 53	9 39	6 35
F 16	8 42	3 58	4 20	3 58	1 39	10 31	0 51	2 33	1 8	9 38	1 26	4 1	1 57	11 26	0 29	20 10	1 38	10 15	11 38	19 25	19 43	3 50	9 37	6 36
S 17	9 4	2n50	3 26	4 42	1 34	10 59	0 49	2 18	1 8	9 39	1 26	3 58	1 57	11 27	0 29	20 10	1 38	10 15	11 38	19 24	19 42	3 47	9 35	6 36
S 18	9 26	9 27	2 18	5 26	1 29	11 27	0 47	2 2	1 8	9 40	1 25	3 56	1 57	11 28	0 29	20 10	1 38	10 15	11 38	19 23	19 42	3 44	9 33	6 37
M19	9 48	15 27	1 1	6 10	1 24	11 54	0 45	1 47	1 8	9 41	1 25	3 53	1 58	11 30	0 29	20 10	1 38	10 15	11 38	19 22	19 41	3 41	9 31	6 37
T 20	10 10	20 25	0n18	6 54	1 19	12 22	0 43	1 32	1 8	9 42	1 25	3 51	1 58	11 31	0 29	20 9	1 38	10 14	11 39	19 22	19 40	3 38	9 30	6 38
W21	10 31	24 3	1 34	7 38	1 13	12 49	0 41	1 17	1 8	9 43	1 25	3 48	1 58	11 32	0 29	20 9	1 38	10 14	11 39	19 22	19 40	3 35	9 28	6 39
T 22	10 53	26 8	2 42	8 21	1 7	13 15	0 39	1 1	1 8	9 44	1 25	3 46	1 58	11 34	0 29	20 9	1 38	10 14	11 39	19 23	19 39	3 31	9 26	6 39
F 23	11 14	26 40	3 40	9 3	1 1	13 41	0 37	0 46	1 8	9 45	1 25	3 43	1 58	11 35	0 29	20 9	1 38	10 14	11 39	19 23	19 38	3 28	9 24	6 40
S 24	11 35	25 44	4 24	9 45	0 55	14 7	0 35	0 31	1 8	9 45	1 24	3 41	1 58	11 36	0 29	20 8	1 38	10 13	11 39	19 23	19 37	3 25	9 23	6 40
S 25	11 56	23 31	4 55	10 27	0 49	14 33	0 33	0 16	1 7	9 46	1 24	3 38	1 58	11 38	0 29	20 8	1 38	10 13	11 39	19 23	19 37	3 22	9 21	6 41
M26	12 17	20 17	5 11	11 8	0 42	14 58	0 30	0 0	1 7	9 47	1 24	3 36	1 59	11 39	0 29	20 8	1 38	10 13	11 39	19 23	19 36	3 19	9 19	6 41
T 27	12 37	16 15	5 14	11 49	0 36	15 23	0 28	0s15	1 7	9 47	1 24	3 33	1 59	11 40	0 29	20 8	1 38	10 13	11 39	19 23	19 35	3 16	9 18	6 42
W28	12 57	11 38	5 2	12 28	0 29	15 48	0 26	0 30	1 7	9 47	1 24	3 31	1 59	11 41	0 29	20 8	1 38	10 12	11 39	19 22	19 34	3 13	9 16	6 43
T 29	13 18	6 37	4 39	13 8	0 22	16 12	0 23	0 45	1 7	9 48	1 23	3 28	1 59	11 43	0 29	20 7	1 38	10 12	11 40	19 21				

SWISS EPHEMERIS for the year 1891

NOVEMBER 1891

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	2 39 59	8M.1732	29♄45	10M.43	19M.32	6♂22	8°R 9	26M.9	2M.10	8°R26	8°R23	26°R12	27♂ 7	2♂10	17♂30
M 2	2 43 55	9°17'38	11M.49	12°20	20°47	7° 0	8H 8	26°16	2°14	8II24	8II22	26♂11	27° 4	2°17	17°33
T 3	2 47 52	10°17'46	24° 2	13°56	22° 2	7°39	8° 8	26°22	2°18	8°23	8°21	26°D10	27° 0	2°24	17°36
W 4	2 51 48	11°17'56	6♂24	15°31	23°17	8°17	8°D 8	26°28	2°21	8°21	8°20	26°10	26°57	2°30	17°39
T 5	2 55 45	12°18'08	18°58	17° 7	24°32	8°55	8° 8	26°34	2°25	8°20	8°19	26°11	26°54	2°37	17°42
F 6	2 59 41	13°18'22	1♂44	18°42	25°47	9°33	8° 9	26°40	2°29	8°18	8°18	26°12	26°51	2°44	17°45
S 7	3 3 38	14°18'37	14°45	20°16	27° 2	10°11	8° 9	26°46	2°33	8°17	8°17	26°13	26°48	2°50	17°47
S 8	3 7 34	15°18'53	28° 3	21°50	28°17	10°49	8°10	26°51	2°36	8°15	8°16	26°14	26°45	2°57	17°50
M 9	3 11 31	16°19'11	11♂38	23°24	29°32	11°27	8°11	26°57	2°40	8°14	8°15	26°R15	26°41	3° 4	17°52
T 10	3 15 28	17°19'31	25°33	24°57	0♂47	12° 5	8°12	27° 3	2°44	8°12	8°14	26°15	26°38	3°11	17°55
W 11	3 19 24	18°19'51	9H45	26°31	2° 2	12°43	8°14	27° 9	2°47	8°11	8°13	26°14	26°35	3°17	17°57
T 12	3 23 21	19°20'13	24°14	28° 3	3°17	13°21	8°16	27°14	2°51	8° 9	8°12	26°13	26°32	3°24	17°59
F 13	3 27 17	20°20'37	8H55	29°36	4°32	13°59	8°17	27°20	2°55	8° 7	8°11	26°13	26°29	3°31	18° 1
S 14	3 31 14	21°21'02	23°44	1♂ 8	5°48	14°37	8°19	27°25	2°58	8° 6	8°10	26°12	26°26	3°37	18° 3
S 15	3 35 10	22°21'28	8♂32	2°40	7° 3	15°15	8°22	27°30	3° 2	8° 4	8° 9	26°12	26°22	3°44	18° 5
M 16	3 39 7	23°21'56	23°13	4°12	8°18	15°53	8°24	27°36	3° 6	8° 3	8° 8	26°D12	26°19	3°51	18° 7
T 17	3 43 3	24°22'25	7II39	5°43	9°33	16°31	8°27	27°41	3° 9	8° 1	8° 7	26°12	26°16	3°57	18° 8
W 18	3 47 0	25°22'57	21°46	7°14	10°48	17° 9	8°30	27°46	3°13	7°59	8° 6	26°12	26°13	4° 4	18°10
T 19	3 50 57	26°23'29	5♂29	8°45	12° 3	17°47	8°33	27°51	3°16	7°58	8° 4	26°R12	26°10	4°11	18°11
F 20	3 54 53	27°24'04	18°47	10°16	13°18	18°25	8°36	27°56	3°20	7°56	8° 3	26°12	26° 6	4°17	18°13
S 21	3 58 50	28°24'40	1♂42	11°46	14°33	19° 3	8°39	28° 1	3°23	7°54	8° 2	26°12	26° 3	4°24	18°14
S 22	4 2 46	29°25'18	14°16	13°16	15°48	19°41	8°43	28° 6	3°27	7°53	8° 1	26°11	26° 0	4°31	18°15
M 23	4 6 43	0♂25'58	26°32	14°46	17° 3	20°19	8°47	28°11	3°30	7°51	8° 0	26°D11	25°57	4°38	18°16
T 24	4 10 39	1°26'39	8M35	16°16	18°18	20°58	8°51	28°15	3°34	7°49	7°59	26°11	25°54	4°44	18°17
W 25	4 14 36	2°27'21	20°29	17°45	19°33	21°36	8°55	28°20	3°37	7°48	7°58	26°11	25°51	4°51	18°18
T 26	4 18 32	3°28'06	2♂19	19°13	20°48	22°14	8°59	28°24	3°41	7°46	7°57	26°12	25°47	4°58	18°18
F 27	4 22 29	4°28'51	14°10	20°41	22° 3	22°52	9° 4	28°29	3°44	7°44	7°55	26°13	25°44	5° 4	18°19
S 28	4 26 26	5°29'39	26° 6	22° 9	23°18	23°30	9° 9	28°33	3°47	7°43	7°54	26°14	25°41	5°11	18°19
S 29	4 30 22	6°30'27	8M.10	23°36	24°33	24° 8	9°13	28°38	3°51	7°41	7°53	26°15	25°38	5°18	18°20
M 30	4 34 19	7♂31'18	20M.24	25♂ 2	25♂48	24♂46	9H19	28M.42	3M.54	7II39	7II52	26°R15	25♂35	5♂24	18♂20

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	14s17	9s12	2n21	15s 1	0n 2	17s22	0n16	1s31	1n 7	9s48	1s23	3n21	2n 0	11s47	0n29
M 2	14 36 14	9 1 18	15 37	0s 4	17 44	0 14	1 46	1 6	9 48	1 23	3 19	2 0	11 48	0 29	20 6
T 3	14 55 18	36 0 12	16 12	0 11	18 6	0 12	2 1	1 6	9 48	1 22	3 17	2 0	11 49	0 29	20 6
W 4	15 14 22	19 0s56	16 47	0 18	18 28	0 9	2 16	1 6	9 48	1 22	3 15	2 0	11 51	0 29	20 6
T 5	15 32 25	2 2 3	17 21	0 25	18 48	0 7	2 31	1 6	9 47	1 22	3 12	2 0	11 52	0 29	20 6
F 6	15 51 26	31 3 4	17 54	0 31	19 9	0 4	2 47	1 6	9 47	1 22	3 10	2 1	11 53	0 29	20 5
S 7	16 9 26	35 3 58	18 26	0 38	19 29	0 2	3 2	1 6	9 47	1 21	3 8	2 1	11 54	0 29	20 5
S 8	16 26 25	8 4 40	18 57	0 44	19 48	0s 1	3 17	1 5	9 46	1 21	3 6	2 1	11 56	0 29	20 5
M 9	16 44 22	13 5 7	19 27	0 50	20 7	0 3	3 32	1 5	9 45	1 21	3 4	2 1	11 57	0 29	20 5
T 10	17 1 17	59 5 17	19 56	0 57	20 25	0 6	3 47	1 5	9 45	1 21	3 2	2 1	11 58	0 29	20 4
W 11	17 18 12	40 5 8	20 24	1 3	20 43	0 8	4 2	1 5	9 44	1 21	3 0	2 2	11 59	0 29	20 4
T 12	17 34 6	35 4 40	20 52	1 9	21 0	0 11	4 17	1 5	9 43	1 20	2 58	2 2	12 1	0 29	20 4
F 13	17 51 0	2 3 53	21 18	1 15	21 17	0 13	4 32	1 5	9 42	1 20	2 56	2 2	12 2	0 29	20 4
S 14	18 7 6n34	2 51	21 43	1 21	21 32	0 16	4 47	1 4	9 41	1 20	2 54	2 2	12 3	0 29	20 3
S 15	18 22 12	50 1 36	22 7	1 26	21 48	0 18	5 1	1 4	9 40	1 20	2 52	2 2	12 4	0 29	20 3
M 16	18 38 18	19 0 17	22 30	1 32	22 2	0 21	5 16	1 4	9 39	1 20	2 50	2 3	12 6	0 29	20 3
T 17	18 53 22	38 1n 3	22 52	1 37	22 16	0 23	5 31	1 4	9 38	1 19	2 48	2 3	12 7	0 29	20 2
W 18	19 7 25	29 2 17	23 12	1 42	22 30	0 25	5 46	1 4	9 37	1 19	2 46	2 3	12 8	0 29	20 2
T 19	19 22 26	42 3 21	23 32	1 47	22 43	0 28	6 0	1 3	9 35	1 19	2 44	2 3	12 9	0 29	20 2
F 20	19 36 26	18 4 12	23 50	1 51	22 55	0 30	6 15	1 3	9 34	1 19	2 43	2 3	12 10	0 29	20 2
S 21	19 49 24	29 4 49	24 7	1 56	23 6	0 33	6 30	1 3	9 33	1 18	2 41	2 4	12 12	0 29	20 1
S 22	20 2 21	30 5 11	24 23	2 0	23 17	0 35	6 44	1 3	9 31	1 18	2 39	2 4	12 13	0 29	20 1
M 23	20 15 17	39 5 17	24 38	2 4	23 27	0 38	6 59	1 3	9 29	1 18	2 37	2 4	12 14	0 29	20 1
T 24	20 28 13	9 5 10	24 51	2 7	23 36	0 40	7 13	1 2	9 28	1 18	2 36	2 4	12 15	0 29	20 1
W 25	20 40 8	12 4 49	25 4	2 11	23 45	0 42	7 28	1 2	9 26	1 18	2 34	2 5	12 16	0 29	20 0
T 26	20 52 3	0 4 17	25 14	2 14	23 53	0 45	7 42	1 2	9 24	1 17	2 33	2 5	12 18	0 29	20 0
F 27	21 3 2s19	3 33	25 24	2 16	24 0	0 47	7 56	1 2	9 22	1 17	2 31	2 5	12 19	0 29	20 0
S 28	21 14 7	36 2 40	25 32	2 19	24 6	0 49	8 11	1 1	9 20	1 17	2 29	2 5	12 20	0 29	19 59
S 29	21 25 12	41 1 39	25 38	2 20	24 12	0 51	8 25	1 1	9 18	1 17	2 28	2 6	12 21	0 29	19 59
M 30	21s35	17s20	0n32	25s43	2s22	24s17	0s54	8s39	1n 1	9s16	1s17	2n27	2n 6	12s22	0n29

Julian Day Number = 2412037.5, Delta T = -6.21 sec
 Ecliptic obliquity = 23°27'17", Nutation = -0°00'16"
 Ayanamsha: Fagan/Bradley = 23°13'47", Lahiri = 22°20'47"

SWISS EPHEMERIS for the year 1891

DECEMBER 1891

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
T 1	4 38 15	8 ^h 32'09"	2 ^h 51'	26 ^h 28'	27 ^h 3'	25 ^h 24'	9 ^h 24'	28 ^h 46'	3 ^h 57'	7 ^h R37	7 ^h R51	26 ^h R15	25 ^h R32	5 ^h 31'	18 ^h 20'	
W 2	4 42 12	9 ^h 33'06"	15 ^h 32'	27 ^h 52'	28 ^h 18'	26 ^h 2'	9 ^h 29'	28 ^h 50'	4 ^h 1'	7 ^h II36	7 ^h II50	26 ^h R15	25 ^h 28'	5 ^h 38'	18 ^h R20	
T 3	4 46 8	10 ^h 33'56"	28 ^h 27'	29 ^h 16'	29 ^h 33'	26 ^h 40'	9 ^h 35'	28 ^h 54'	4 ^h 4'	7 ^h 34	7 ^h 49	26 ^h 13'	25 ^h 25'	5 ^h 44'	18 ^h 20'	
F 4	4 50 5	11 ^h 34'50"	11 ^h 37'	0 ^h 38'	0 ^h 48'	27 ^h 18'	9 ^h 41'	28 ^h 58'	4 ^h 7'	7 ^h 32	7 ^h 47	26 ^h 11'	25 ^h 22'	5 ^h 51'	18 ^h 20'	
S 5	4 54 1	12 ^h 35'46"	24 ^h 59'	1 ^h 59'	2 ^h 3'	27 ^h 56'	9 ^h 47'	29 ^h 1'	4 ^h 10'	7 ^h 31	7 ^h 46	26 ^h 9'	25 ^h 19'	5 ^h 58'	18 ^h 19'	
S 6	4 57 58	13 ^h 36'43"	8 ^h 34'	3 ^h 18'	3 ^h 18'	28 ^h 34'	9 ^h 53'	29 ^h 5'	4 ^h 13'	7 ^h 29	7 ^h 45	26 ^h 6'	25 ^h 16'	6 ^h 5'	18 ^h 19'	
M 7	5 1 55	14 ^h 37'40"	22 ^h 21'	4 ^h 35'	4 ^h 33'	29 ^h 12'	9 ^h 59'	29 ^h 9'	4 ^h 16'	7 ^h 27	7 ^h 44	26 ^h 4'	25 ^h 12'	6 ^h 11'	18 ^h 18'	
T 8	5 5 51	15 ^h 38'38"	6 ^h 17'	5 ^h 49'	5 ^h 48'	29 ^h 50'	10 ^h 6'	29 ^h 12'	4 ^h 20'	7 ^h 26	7 ^h 43	26 ^h 3'	25 ^h 9'	6 ^h 18'	18 ^h 18'	
W 9	5 9 48	16 ^h 39'36"	20 ^h 22'	7 ^h 1'	7 ^h 3'	0 ^h ML28	10 ^h 13'	29 ^h 15'	4 ^h 23'	7 ^h 24	7 ^h 42	26 ^h D3	25 ^h 6'	6 ^h 25'	18 ^h 17'	
T 10	5 13 44	17 ^h 40'35"	4 ^h 34'	8 ^h 10'	8 ^h 18'	1 ^h 6'	10 ^h 19'	29 ^h 19'	4 ^h 26'	7 ^h 22	7 ^h 41	26 ^h 4'	25 ^h 3'	6 ^h 31'	18 ^h 16'	
F 11	5 17 41	18 ^h 41'34"	18 ^h 51'	9 ^h 16'	9 ^h 32'	1 ^h 44'	10 ^h 26'	29 ^h 22'	4 ^h 29'	7 ^h 21	7 ^h 40	26 ^h 5'	25 ^h 0'	6 ^h 38'	18 ^h 15'	
S 12	5 21 37	19 ^h 42'34"	3 ^h 11'	10 ^h 17'	10 ^h 47'	2 ^h 22'	10 ^h 34'	29 ^h 25'	4 ^h 31'	7 ^h 19	7 ^h 38	26 ^h 7'	24 ^h 57'	6 ^h 45'	18 ^h 14'	
S 13	5 25 34	20 ^h 43'35"	17 ^h 31'	11 ^h 14'	12 ^h 2'	3 ^h 0'	10 ^h 41'	29 ^h 28'	4 ^h 34'	7 ^h 17	7 ^h 37	26 ^h 8'	24 ^h 53'	6 ^h 51'	18 ^h 13'	
M14	5 29 30	21 ^h 44'36"	1 ^h II45	12 ^h 5'	13 ^h 17'	3 ^h 38'	10 ^h 49'	29 ^h 31'	4 ^h 37'	7 ^h 16	7 ^h 36	26 ^h R8	24 ^h 50'	6 ^h 58'	18 ^h 12'	
T 15	5 33 27	22 ^h 45'38"	15 ^h 50'	12 ^h 50'	14 ^h 32'	4 ^h 16'	10 ^h 56'	29 ^h 34'	4 ^h 40'	7 ^h 14	7 ^h 35	26 ^h 7'	24 ^h 47'	7 ^h 5'	18 ^h 10'	
W16	5 37 24	23 ^h 46'41"	29 ^h 42'	13 ^h 28'	15 ^h 47'	4 ^h 54'	11 ^h 4'	29 ^h 36'	4 ^h 43'	7 ^h 12	7 ^h 34	26 ^h 4'	24 ^h 44'	7 ^h 11'	18 ^h 9'	
T 17	5 41 20	24 ^h 47'44"	13 ^h 31'	13 ^h 58'	17 ^h 2'	5 ^h 32'	11 ^h 12'	29 ^h 39'	4 ^h 46'	7 ^h 11	7 ^h 33	26 ^h 0'	24 ^h 41'	7 ^h 18'	18 ^h 7'	
F 18	5 45 17	25 ^h 48'48"	26 ^h 32'	14 ^h 20'	18 ^h 17'	6 ^h 10'	11 ^h 20'	29 ^h 41'	4 ^h 48'	7 ^h 9	7 ^h 32	25 ^h 55'	24 ^h 38'	7 ^h 25'	18 ^h 5'	
S 19	5 49 13	26 ^h 49'53"	9 ^h 27	14 ^h 31'	19 ^h 31'	6 ^h 48'	11 ^h 28'	29 ^h 44'	4 ^h 51'	7 ^h 8	7 ^h 31	25 ^h 50'	24 ^h 34'	7 ^h 32'	18 ^h 4'	
S 20	5 53 10	27 ^h 50'58"	22 ^h 3'	14 ^h R33	20 ^h 46'	7 ^h 26'	11 ^h 37'	29 ^h 46'	4 ^h 54'	7 ^h 6	7 ^h 30	25 ^h 45'	24 ^h 31'	7 ^h 38'	18 ^h 2'	
M21	5 57 6	28 ^h 52'04"	4 ^h 22	14 ^h 23'	22 ^h 1'	8 ^h 4'	11 ^h 45'	29 ^h 48'	4 ^h 56'	7 ^h 5	7 ^h 29	25 ^h 41'	24 ^h 28'	7 ^h 45'	18 ^h 0'	
T 22	6 1 3	29 ^h 53'11"	16 ^h 26'	14 ^h 1'	23 ^h 16'	8 ^h 42'	11 ^h 54'	29 ^h 50'	4 ^h 59'	7 ^h 3	7 ^h 28	25 ^h 38'	24 ^h 25'	7 ^h 52'	17 ^h 58'	
W23	6 5 0	0 ^h 35'41'8"	28 ^h 21'	13 ^h 28'	24 ^h 31'	9 ^h 20'	12 ^h 3'	29 ^h 52'	5 ^h 1'	7 ^h 1	7 ^h 27	25 ^h D37	24 ^h 22'	7 ^h 58'	17 ^h 55'	
T 24	6 8 56	1 ^h 55'26"	10 ^h 12	12 ^h 43'	25 ^h 46'	9 ^h 58'	12 ^h 12'	29 ^h 54'	5 ^h 4'	7 ^h 0	7 ^h 26	25 ^h 37'	24 ^h 18'	8 ^h 5'	17 ^h 53'	
F 25	6 12 53	2 ^h 56'35"	22 ^h 2'	11 ^h 48'	27 ^h 0'	10 ^h 35'	12 ^h 21'	29 ^h 56'	5 ^h 6'	6 ^h 58	7 ^h 25	25 ^h 39'	24 ^h 15'	8 ^h 12'	17 ^h 51'	
S 26	6 16 49	3 ^h 57'44"	3 ^h ML59	10 ^h 42'	28 ^h 15'	11 ^h 13'	12 ^h 30'	29 ^h 57'	5 ^h 9'	6 ^h 57	7 ^h 24	25 ^h 40'	24 ^h 12'	8 ^h 18'	17 ^h 48'	
S 27	6 20 46	4 ^h 58'54"	16 ^h 5'	9 ^h 30'	29 ^h 30'	11 ^h 51'	12 ^h 39'	29 ^h 59'	5 ^h 11'	6 ^h 56	7 ^h 23	25 ^h 42'	24 ^h 9'	8 ^h 25'	17 ^h 46'	
M28	6 24 42	6 ^h 0'04"	28 ^h 26'	8 ^h 11'	0 ^h 445	12 ^h 29'	12 ^h 49'	0 ^h 45 0	5 ^h 13'	6 ^h 54	7 ^h 22	25 ^h R42	24 ^h 6'	8 ^h 32'	17 ^h 43'	
T 29	6 28 39	7 ^h 1'15"	11 ^h 15'	6 ^h 50'	1 ^h 59	13 ^h 7'	12 ^h 59'	0 ^h 2	5 ^h 16'	6 ^h 53	7 ^h 21	25 ^h 41'	24 ^h 3'	8 ^h 38'	17 ^h 40'	
W30	6 32 35	8 ^h 2'26"	24 ^h 3'	5 ^h 28'	3 ^h 14	13 ^h 45'	13 ^h 8'	0 ^h 3	5 ^h 18'	6 ^h 51	7 ^h 20	25 ^h 38'	23 ^h 59'	8 ^h 45'	17 ^h 37'	
T 31	6 36 32	9 ^h 3'37"	7 ^h 320	4 ^h 39	4 ^h 29	14 ^h ML23	13 ^h 18'	0 ^h 4	5 ^h ML20	6 ^h II50	7 ^h II19	25 ^h R32	23 ^h R56	8 ^h 52'	17 ^h 35'	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂						
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
T 1	21s44	21s20	0s36	25s47	2s23	24s21	0s56	8s53	1n 1	9s14	1s16	2n25	2n 6	12s23	0n29	19n59	1s38	10n 6	11s41	19n20	19n 9	1n26	8n35	7s 5
W 2	21 54	24 24	1 45	25 50	2 23	24 25	0 58	9 7	1 0	9 11	1 16	2 24	2 6	12 24	0 29	19 58	1 38	10 6	11 41	19 19	19 9	1 23	8 35	7 6
T 3	22 3 26	16 2 49	25 50	2 23	24 27	1 0	9 21	1 0	9 9	1 16	2 22	2 7	12 25	0 29	19 58	1 38	10 6	11 41	19 19	19 8	1 19	8 34	7 7	
F 4	22 11 26	41 3 45	25 50	2 23	24 29	1 2	9 35	1 0	9 7	1 16	2 21	2 7	12 26	0 29	19 58	1 38	10 6	11 41	19 19	19 7	1 16	8 34	7 7	
S 5	22 19 25	34 4 30	25 48	2 22	24 31	1 4	9 49	1 0	9 4	1 15	2 20	2 7	12 27	0 29	19 58	1 38	10 6	11 40	19 18	19 6	1 13	8 33	7 8	
S 6	22 27 22	58 5 1	25 45	2 20	24 31	1 6	10 3	0 59	9 2	1 15	2 19	2 7	12 28	0 29	19 57	1 38	10 5	11 40	19 18	19 5	1 10	8 33	7 9	
M 7	22 34 19	2 5	15 25 40	2 17	24 31	1 8	10 17	0 59	8 59	1 15	2 17	2 8	12 30	0 29	19 57	1 38	10 5	11 40	19 17	19 5	1 7	8 32	7 9	
T 8	22 41 14	1 5	10 25 33	2 14	24 30	1 10	10 30	0 59	8 57	1 15	2 16	2 8	12 31	0 29	19 57	1 38	10 5	11 40	19 17	19 4	1 4	8 32	7 10	
W 9	22 47 8	13 4	4 48 25 26	2 10	24 28	1 12	10 44	0 58	8 54	1 15	2 15	2 8	12 32	0 29	19 57	1 38	10 5	11 40	19 17	19 3	1 0	8 31	7 11	
T 10	22 53 1 58	4 7	25 17	2 5	24 25	1 14	10 57	0 58	8 51	1 14	2 14	2 8	12 33	0 29	19 56	1 38	10 5	11 40	19 17	19 2	0 57	8 31	7 11	
F 11	22 58 4n27	3 11	25 7	1 59	24 22	1 16	11 11	0 58	8 48	1 14	2 13	2 9	12 34	0 29	19 56	1 38	10 5	11 40	19 17	19 2	0 54	8 31	7 12	
S 12	23 3 10	39 2 3	24 55	1 52	24 18	1 17	11 24	0 58	8 45	1 14	2 12	2 9	12 35	0 29	19 56	1 38	10 5	11 40	19 18	19 1	0 51	8 30	7 13	
S 13	23 8 16	19 0 47	24 43	1 45	24 13	1 19	11 37	0 57	8 42	1 14	2 11	2 9	12 35	0 29	19 56	1 38	10 5	11 40	19 18	19 0	0 48	8 30	7 13	
M14	23 12 21	2 0n31	24 30	1 36	24 8	1 21	11 51	0 57	8 39	1 14	2 10	2 9	12 36	0 29	19 55	1 38	10 5	11 40	19 18	18 59	0 45	8 30	7 14	
T 15	23 15 24	28 1 46	24 15	1 26	24 2	1 22	12 4	0 57	8 36	1 14	2 10	2 10	12 37	0 29	19 55	1 38	10 4	11 40	19 18	18 59	0 41	8 30	7 14	
W16	23 18 26	21 2 54	24 0	1 14	23 55	1 24	12 17	0 56	8 33	1 13	2 9	2 10	12 38	0 29	19 55	1 38	10 4	11 40	19 17	18 58	0 38	8 30	7 15	
T 17	23 21 26	36 3 50	23 45	1 2	23 47	1 25	12 30	0 56	8 30	1 13	2 8	2 10	12 39	0 29	19 55	1 38	10 4	11 39	19 16	18 57	0 35	8 29	7 16	
F 18	23 23 25	19 4 32	23 29	0 48	23 38	1 27	12 42	0 56	8 27	1 13	2 7	2 11	12 40	0 29	19 54	1 38	10 4	11 39	19 15	18 56	0 32	8 29	7 16	
S 19	23 25 22																							