

SWISS EPHEMERIS for the year 1816

JANUARY 1816

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁
M 1	6 38 8	9°31'39	25°13	3°5	22°53	27°39	5°48	10°43	9°3	20°22	21°1	24°R44	23°II50	6°X19	10°X 1
T 2	6 42 5	10°32'51	7°24	4°40	23°57	28° 4	5°56	10°49	9° 7	20°25	21° 2	24°II42	23°47	6°26	10° 3
W 3	6 46 1	11°34'02	19°26	6°15	25° 1	28°29	6° 5	10°56	9°10	20°27	21° 2	24°39	23°44	6°33	10° 5
T 4	6 49 58	12°35'13	1°22	7°50	26° 6	28°54	6°13	11° 3	9°13	20°29	21° 3	24°37	23°40	6°39	10° 8
F 5	6 53 54	13°36'23	13°13	9°26	27°11	29°19	6°22	11° 9	9°16	20°31	21° 4	24°34	23°37	6°46	10°10
S 6	6 57 51	14°37'33	25° 5	11° 2	28°16	29°45	6°30	11°16	9°19	20°33	21° 5	24°32	23°34	6°53	10°13
S 7	7 1 47	15°38'43	7°0	12°38	29°22	0°11	6°38	11°23	9°23	20°35	21° 5	24°30	23°31	6°59	10°15
M 8	7 5 44	16°39'52	19° 5	14°15	0°28	0°38	6°46	11°29	9°26	20°37	21° 6	24°D30	23°28	7° 6	10°18
T 9	7 9 41	17°41'01	1°22	15°52	1°34	1° 4	6°54	11°36	9°29	20°39	21° 7	24°31	23°24	7°13	10°20
W10	7 13 37	18°42'09	13°58	17°30	2°40	1°31	7° 2	11°43	9°32	20°41	21° 8	24°32	23°21	7°20	10°23
T 11	7 17 34	19°43'17	26°56	19° 8	3°46	1°58	7° 9	11°50	9°35	20°43	21° 9	24°34	23°18	7°26	10°26
F 12	7 21 30	20°44'24	10°II18	20°47	4°53	2°26	7°17	11°57	9°38	20°45	21° 9	24°35	23°15	7°33	10°28
S 13	7 25 27	21°45'30	24° 7	22°26	6° 0	2°53	7°24	12° 4	9°41	20°47	21°10	24°R36	23°12	7°40	10°31
S 14	7 29 23	22°46'36	8°22	24° 6	7° 7	3°21	7°31	12°10	9°44	20°49	21°11	24°35	23° 9	7°46	10°34
M15	7 33 20	23°47'42	22°57	25°46	8°14	3°49	7°38	12°17	9°47	20°51	21°12	24°33	23° 5	7°53	10°37
T 16	7 37 16	24°48'46	7°24	27°27	9°22	4°18	7°45	12°24	9°50	20°53	21°13	24°30	23° 2	8° 0	10°40
W17	7 41 13	25°49'51	22°46	29° 8	10°29	4°46	7°52	12°31	9°53	20°55	21°14	24°25	22°59	8° 7	10°43
T 18	7 45 10	26°50'54	7°42	0°50	11°37	5°15	7°59	12°38	9°55	20°57	21°15	24°20	22°56	8°13	10°46
F 19	7 49 6	27°51'58	22°28	2°32	12°45	5°44	8° 5	12°45	9°58	20°59	21°16	24°16	22°53	8°20	10°49
S 20	7 53 3	28°53'00	6°58	4°15	13°54	6°13	8°12	12°52	10° 1	21° 1	21°17	24°12	22°50	8°27	10°52
S 21	7 56 59	29°54'03	21° 7	5°58	15° 2	6°42	8°18	12°59	10° 4	21° 3	21°18	24°10	22°46	8°33	10°55
M22	8 0 56	0°55'05	4°II55	7°41	16°11	7°12	8°24	13° 7	10° 6	21° 5	21°19	24°D10	22°43	8°40	10°58
T 23	8 4 52	1°56'07	18°22	9°25	17°19	7°42	8°30	13°14	10° 9	21° 7	21°20	24°11	22°40	8°47	11° 1
W24	8 8 49	2°57'08	1°30	11° 9	18°28	8°11	8°35	13°21	10°12	21° 9	21°21	24°13	22°37	8°54	11° 4
T 25	8 12 45	3°58'08	14°22	12°54	19°37	8°42	8°41	13°28	10°14	21°10	21°22	24°14	22°34	9° 0	11° 7
F 26	8 16 42	4°59'08	27° 0	14°38	20°46	9°12	8°46	13°35	10°17	21°12	21°23	24°R15	22°30	9° 7	11°11
S 27	8 20 39	6° 0'07	9°26	16°23	21°56	9°42	8°52	13°42	10°19	21°14	21°25	24°13	22°27	9°14	11°14
S 28	8 24 35	7° 1'06	21°43	18° 7	23° 5	10°13	8°57	13°49	10°22	21°16	21°26	24°10	22°24	9°21	11°17
M29	8 28 32	8° 2'03	3°52	19°51	24°14	10°43	9° 2	13°57	10°24	21°17	21°27	24° 4	22°21	9°27	11°21
T 30	8 32 28	9° 3'00	15°54	21°34	25°24	11°14	9° 6	14° 4	10°26	21°19	21°28	23°56	22°18	9°34	11°24
W31	8 36 25	10°3'55	27°51	23°17	26°34	11°45	9°11	14°11	10°29	21°21	21°29	23°II47	22°II15	9°41	11°27

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	23s 7	23s44	2s40	24s41	1s15	15s27	3n10	11n32	0n57	12s22	1n10	18s23	0s51	21s46	0n 4	21s47	1n20	17s43	15s27	23n22	23n19	13s43	3s19	4n51
T 2	23 3	21 53	3 34	24 43	1 20	15 43	3 9	11 42	0 58	12 24	1 10	18 21	0 51	21 46	0 4	21 47	1 20	17 43	15 27	23 21	23 19	13 43	3 19	4 51
W 3	22 58	19 5	4 18	24 44	1 25	15 59	3 9	11 52	0 59	12 27	1 11	18 19	0 51	21 47	0 4	21 48	1 20	17 42	15 27	23 21	23 19	13 41	3 18	4 51
T 4	22 52	15 30	4 50	24 44	1 30	16 15	3 8	12 2	1 0	12 30	1 11	18 17	0 51	21 47	0 4	21 48	1 20	17 42	15 26	23 21	23 19	13 39	3 18	4 50
F 5	22 46	11 21	5 9	24 42	1 35	16 30	3 8	12 12	1 1	12 32	1 11	18 16	0 51	21 48	0 4	21 48	1 20	17 41	15 26	23 21	23 19	13 36	3 17	4 50
S 6	22 40	6 46	5 15	24 39	1 39	16 46	3 7	12 22	1 2	12 35	1 11	18 14	0 51	21 48	0 4	21 48	1 20	17 41	15 26	23 21	23 18	13 34	3 16	4 50
S 7	22 33	1 55	5 8	24 34	1 43	17 1	3 6	12 32	1 3	12 37	1 11	18 12	0 51	21 49	0 4	21 48	1 20	17 40	15 26	23 21	23 18	13 32	3 16	4 50
M 8	22 25	3n 3	4 47	24 28	1 46	17 15	3 5	12 42	1 4	12 40	1 11	18 10	0 51	21 49	0 4	21 48	1 20	17 39	15 25	23 21	23 18	13 30	3 15	4 49
T 9	22 18	8 1	4 12	24 20	1 50	17 30	3 3	12 53	1 5	12 42	1 12	18 8	0 51	21 49	0 4	21 48	1 20	17 39	15 25	23 21	23 18	13 27	3 14	4 49
W10	22 9	12 47	3 25	24 11	1 53	17 44	3 2	13 3	1 6	12 45	1 12	18 7	0 51	21 50	0 4	21 49	1 20	17 38	15 25	23 21	23 18	13 25	3 13	4 49
T 11	22 1	17 7	2 26	24 0	1 56	17 58	3 1	13 13	1 7	12 47	1 12	18 5	0 51	21 50	0 4	21 49	1 20	17 38	15 24	23 21	23 18	13 23	3 13	4 49
F 12	21 52	20 44	1 18	23 48	1 58	18 12	2 59	13 23	1 8	12 49	1 12	18 3	0 51	21 51	0 4	21 49	1 20	17 37	15 24	23 21	23 17	13 20	3 12	4 48
S 13	21 42	23 17	0 3	23 34	2 0	18 25	2 57	13 34	1 9	12 51	1 12	18 1	0 51	21 51	0 4	21 49	1 20	17 36	15 24	23 21	23 17	13 18	3 11	4 48
S 14	21 32	24 27	1n15	23 19	2 2	18 38	2 55	13 44	1 9	12 54	1 12	17 59	0 51	21 52	0 4	21 49	1 20	17 36	15 24	23 21	23 17	13 16	3 10	4 48
M15	21 22	23 57	2 29	23 2	2 4	18 51	2 53	13 54	1 10	12 56	1 13	17 57	0 51	21 52	0 4	21 49	1 20	17 35	15 23	23 21	23 17	13 13	3 9	4 47
T 16	21 11	21 47	3 35	22 44	2 5	19 3	2 51	14 5	1 11	12 58	1 13	17 55	0 51	21 53	0 4	21 49	1 20	17 35	15 23	23 21	23 17	13 11	3 9	4 47
W17	21 0	18 7	4 26	22 24	2 5	19 15	2 49	14 15	1 12	13 0	1 13	17 53	0 51	21 53	0 4	21 49	1 20	17 34	15 23	23 21	23 17	13 9	3 8	4 47
T 18	20 48	13 18	4 59	22 2	2 5	19 26	2 47	14 25	1 12	13 2	1 13	17 51	0 51	21 53	0 4	21 50	1 20	17 33	15 22	23 20	23 16	13 6	3 7	4 47
F 19	20 37	7 45	5 12	21 39	2 5	19 38	2 45	14 36	1 13	13 4	1 13	17 49	0 51	21 54	0 4	21 50	1 20	17 33	15 22	23 20	23 16	13 4	3 6	4 46
S 20	20 24	1 53	5 4	21 14	2 5	19 48	2 42	14 46	1 14	13 6	1 13	17 47	0 52	21 54	0 4	21 50	1 20	17 32	15 22	23 20	23 16	13 2	3 5	4 46
S 21	20 11	3s57	4 38	20 48	2 3	19 58	2 40	14 56	1 14	13 7	1 14	17 45	0 52	21 55	0 4	21 50	1 20	17 31	15 22	23 20	23 16	12 59	3 4	4 46
M22	19 58	9 28	3 56	20 20	2 2	20 8	2 37	15 7	1 15	13 9	1 14	17 43	0 52	21 55	0 4	21 50	1 20	17 31	15 21	23 20	23 16	12 57	3 3	4 46
T 23	19 45	14 23	3 3	19 50	2 0	20 17	2 35	15 17	1 16	13 11	1 14	17 41	0 52	21 56	0 4	21 50	1 20	17 30	15 21	23 20	23 16	12 55	3 2	4 46
W24	19 31	18 31	2 0	19 19	1 57	20 26	2 32	15 27	1 16	13 13	1 14	17 39	0 52	21 56	0 4	21 50	1 20	17 29	15 21	23 20	23 15	12 52	3 1	4 45
T 25	19 17	21 40	0 53	18 46	1 54	20 35	2 29	15 37	1 17	13 14	1 14	17 37	0 52	21 56	0 4	21 50	1 20	17 29	15 21	23 20	23 15	12 50	3 0	4 45
F 26	19 2	23 41	0s15	18 12	1 50	20 43	2 26	15 48	1 17	13 16	1 14	17 35	0 52	21 57	0 4	21 50	1 20	17 28	15 20	23 20	23 15	12 48	2 59	4 45
S 27	18 47	24 29	1 21	17 37	1 45	20 50	2 23	15 58	1 18	13 17	1 15	17 33	0 52	21 57	0 4	21 50	1 20	17 27	15 20	23 20	23 15	12 45	2 58	4 45
S 28	18 32	24 4	2 23	17 0	1 40	20 57	2 20	16 8	1 18	13 19	1 15	17 31	0 52	21 57	0 4	21 51	1 20	17 27	15 20	23 20	23 15	12 43	2 57	

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
T 1	8 40 21	11 ^h 44' ^m	9 ^h 45' ^m	24 ^h 59' ^m	27 ^h 44' ^m	12 ^h 17' ^m	9 ^h 15' ^m	14 ^h 18' ^m	10 ^h 31' ^m	21 ^h 22' ^m	21 ^h 30' ^m	23 ^h R38	22 ^h 11' ^m	9 ^h 47' ^m	11 ^h 31' ^m			
F 2	8 44 18	12° 5'42"	21°36'	26°39'	28°54'	12°48'	9°19'	14°25'	10°33'	21°24'	21°32'	23 ^h II28	22° 8'	9°54'	11°34'			
S 3	8 48 15	13° 6'33"	3 ^h 17' ^m	28°18'	0 ^h 4'	13°19'	9°24'	14°32'	10°35'	21°25'	21°33'	23°20'	22° 5'	10° 1'	11°38'			
S 4	8 52 11	14° 7'23"	15°22'	29°54'	1°14'	13°51'	9°27'	14°40'	10°37'	21°27'	21°34'	23°14'	22° 2'	10° 8'	11°41'			
M 5	8 56 8	15° 8'12"	27°24'	1 ^h X28	2°24'	14°23'	9°31'	14°47'	10°39'	21°29'	21°35'	23°10'	21°59'	10°14'	11°45'			
T 6	9 0 4	16° 8'59"	9 ^h 38'	2°58'	3°34'	14°55'	9°35'	14°54'	10°41'	21°30'	21°37'	23° 8'	21°56'	10°21'	11°48'			
W 7	9 4 1	17° 9'45"	22° 7'	4°25'	4°45'	15°27'	9°38'	15° 1'	10°43'	21°32'	21°38'	23°D 8'	21°52'	10°28'	11°52'			
T 8	9 7 57	18°10'29"	4 ^h II57	5°47'	5°55'	15°59'	9°41'	15° 8'	10°45'	21°33'	21°39'	23° 8'	21°49'	10°34'	11°55'			
F 9	9 11 54	19°11'12"	1 ^h X17	7° 5'	7° 6'	16°31'	9°44'	15°16'	10°47'	21°34'	21°41'	23°R 9'	21°46'	10°41'	11°59'			
S 10	9 15 50	20°11'53"	1 ^h 57' ^m	8°16'	8°17'	17° 3'	9°47'	15°23'	10°49'	21°36'	21°42'	23° 9'	21°43'	10°48'	12° 2'			
S 11	9 19 47	21°12'32"	16°10'	9°21'	9°28'	17°36'	9°50'	15°30'	10°51'	21°37'	21°43'	23° 7'	21°40'	10°55'	12° 6'			
M 12	9 23 44	22°13'10"	0 ^h 50'	10°19'	10°38'	18° 8'	9°52'	15°37'	10°53'	21°39'	21°45'	23° 2'	21°36'	11° 1'	12°10'			
T 13	9 27 40	23°13'46"	15°53'	11° 8'	11°49'	18°41'	9°55'	15°44'	10°54'	21°40'	21°46'	22°55'	21°33'	11° 8'	12°13'			
W 14	9 31 37	24°14'21"	1 ^h 9'	11°49'	13° 0'	19°14'	9°57'	15°51'	10°56'	21°41'	21°48'	22°46'	21°30'	11°15'	12°17'			
T 15	9 35 33	25°14'54"	16°27'	12°21'	14°11'	19°47'	9°59'	15°59'	10°58'	21°42'	21°49'	22°36'	21°27'	11°21'	12°21'			
F 16	9 39 30	26°15'26"	1 ^h 53' ^m	12°43'	15°23'	20°19'	10° 0'	16° 6'	10°59'	21°44'	21°50'	22°27'	21°24'	11°28'	12°24'			
S 17	9 43 26	27°15'56"	16°25'	12°55'	16°34'	20°53'	10° 2'	16°13'	11° 1'	21°45'	21°52'	22°19'	21°21'	11°35'	12°28'			
S 18	9 47 23	28°16'25"	0 ^h 50'	12°R56	17°45'	21°26'	10° 3'	16°20'	11° 2'	21°46'	21°53'	22°14'	21°17'	11°42'	12°32'			
M 19	9 51 19	29°16'53"	14°48'	12°48'	18°56'	21°59'	10° 5'	16°27'	11° 4'	21°47'	21°55'	22°11'	21°14'	11°48'	12°36'			
T 20	9 55 16	0 ^h X17	17°19'	28°17'	12°29'	20° 8'	22°32'	10° 6'	16°34'	11° 5'	21°48'	21°56'	22°D10	21°11'	11°55'	12°39'		
W 21	9 59 12	1°17'45"	11 ^h X22	12° 1'	21°19'	23° 6'	10° 6'	16°41'	11° 6'	21°49'	21°58'	22°10'	21° 8'	12° 2'	12°43'			
T 22	10 3 9	2°18'08"	24° 6'	11°25'	22°31'	23°39'	10° 7'	16°48'	11° 8'	21°50'	21°59'	22°R10	21° 5'	12° 9'	12°47'			
F 23	10 7 6	3°18'31"	6 ^h X33	10°40'	23°43'	24°13'	10° 8'	16°55'	11° 9'	21°51'	22° 0'	22° 9'	21° 1'	12°15'	12°51'			
S 24	10 11 2	4°18'52"	18°47'	9°49'	24°54'	24°46'	10° 8'	17° 2'	11°10'	21°52'	22° 2'	22° 6'	20°58'	12°22'	12°54'			
S 25	10 14 59	5°19'11"	0 ^h X52	8°52'	26° 6'	25°20'	10°R 8'	17° 9'	11°11'	21°53'	22° 3'	22° 0'	20°55'	12°29'	12°58'			
M 26	10 18 55	6°19'29"	12°51'	7°51'	27°18'	25°54'	10° 8'	17°16'	11°12'	21°54'	22° 5'	21°51'	20°52'	12°35'	13° 2'			
T 27	10 22 52	7°19'45"	24°46'	6°48'	28°30'	26°28'	10° 7'	17°23'	11°13'	21°55'	22° 6'	21°40'	20°49'	12°42'	13° 6'			
W 28	10 26 48	8°20'00"	6 ^h X39	5°45'	29°41'	27° 2'	10° 7'	17°30'	11°14'	21°56'	22° 8'	21°26'	20°46'	12°49'	13°10'			
T 29	10 30 45	9 ^h X20	12' ^m	18 ^h X31	4 ^h X42	0 ^h X53	27 ^h X36	10 ^h 6'	17 ^h X37	11 ^h X15	21 ^h X57	22 ^h X 9'	21 ^h II11	20 ^h II42	12 ^h X56	13 ^h X13		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
T 1	17s28	12s31	4s58	14s21	1s12	21s19	2n 8	16n49	1n20	13s24	1n16	17s23	0s52	21s59	0n 4	21s51	1n20	17s24	15s19	23n19	23n14	12s33	2s53	4n44
F 2	17 11 8	1 5 6	13 38	1 4 21	23 1	5 16	59 1	21 13	25 1	16 17	21 0	52 21	59 0	4 21	51 1	20 17	23 15	19 23	18 23	14 12	31 12	2 52	4 44	
S 3	16 54 3	14 5 2	12 56	0 54	21 27	2 1 17	9 1	21 13	26 1	16 17	17 19	0 52	21 59	0 4	21 51	1 20	17 23	15 19	23 18	23 14	12 29	2 50	4 43	
S 4	16 36 1n41	4 44	12 12	0 44	21 30	1 58	17 19	1 22	13 27	1 16	17 17	0 52	22 0	0 4	21 51	1 20	17 22	15 19	23 17	23 13	12 26	2 49	4 43	
M 5	16 19 6 36	4 14	11 29	0 33	21 32	1 55	17 29	1 22	13 28	1 16	17 15	0 52	22 0	0 4	21 51	1 20	17 21	15 18	23 17	23 13	12 24	2 48	4 43	
T 6	16 1 11 22	3 32	10 45	0 21	21 34	1 51	17 38	1 22	13 29	1 17	17 13	0 53	22 0	0 4	21 51	1 20	17 21	15 18	23 17	23 13	12 21	2 47	4 43	
W 7	15 42 15 46	2 39	10 2	0 8	21 35	1 48	17 48	1 23	13 30	1 17	17 11	0 53	22 1	0 4	21 51	1 20	17 20	15 18	23 17	23 13	12 19	2 46	4 43	
T 8	15 24 19 34	1 36	9 19	0n 5	21 36	1 44	17 58	1 23	13 31	1 17	17 9	0 53	22 1	0 4	21 51	1 20	17 19	15 18	23 17	23 13	12 17	2 45	4 42	
F 9	15 5 22 30	0 26	8 38	0 19	21 36	1 41	18 8	1 24	13 32	1 17	17 7	0 53	22 1	0 4	21 51	1 20	17 19	15 18	23 17	23 12	12 14	2 43	4 42	
S 10	14 46 24 14	0n47	7 58	0 33	21 35	1 37	18 17	1 24	13 32	1 17	17 5	0 53	22 1	0 4	21 51	1 20	17 18	15 17	23 17	23 12	12 12	2 42	4 42	
S 11	14 27 24 28	2 0	7 19	0 49	21 34	1 33	18 27	1 24	13 33	1 18	17 3	0 53	22 2	0 4	21 52	1 21	17 17	15 17	23 17	23 12	12 9	2 41	4 42	
M 12	14 7 23 2	3 7	6 43	1 4	21 33	1 30	18 36	1 25	13 33	1 18	17 1	0 53	22 2	0 4	21 52	1 21	17 17	15 17	23 17	23 12	12 7	2 40	4 42	
T 13	13 47 19 57	4 3	6 10	1 20	21 30	1 26	18 46	1 25	13 34	1 18	16 59	0 53	22 2	0 4	21 52	1 21	17 16	15 17	23 16	23 12	12 4	2 38	4 42	
W 14	13 27 15 28	4 42	5 40	1 36	21 28	1 22	18 55	1 25	13 35	1 18	16 57	0 53	22 2	0 4	21 52	1 21	17 15	15 17	23 16	23 11	12 2	2 37	4 42	
T 15	13 7 9 59	5 2	5 13	1 52	21 24	1 19	19 4	1 26	13 35	1 18	16 55	0 53	22 3	0 4	21 52	1 21	17 14	15 17	23 15	23 11	12 0	2 36	4 41	
F 16	12 47 3 57	4 59	4 50	2 8	21 20	1 15	19 13	1 26	13 35	1 19	16 53	0 53	22 3	0 4	21 52	1 21	17 14	15 17	23 15	23 11	11 57	2 35	4 41	
S 17	12 26 2s12	4 37	4 31	2 23	21 15	1 11	19 23	1 26	13 36	1 19	16 50	0 53	22 3	0 4	21 52	1 21	17 13	15 16	23 14	23 11	11 55	2 33	4 41	
S 18	12 5 8 4	3 58	4 17	2 37	21 10	1 8	19 32	1 26	13 36	1 19	16 48	0 53	22 3	0 4	21 52	1 21	17 12	15 16	23 14	23 11	11 52	2 32	4 41	
M 19	11 44 13 21	3 5	4 7	2 51	21 4	1 4	19 40	1 27	13 36	1 19	16 46	0 54	22 4	0 4	21 52	1 21	17 12	15 16	23 14	23 10	11 50	2 31	4 41	
T 20	11 23 17 48	2 3	4 3	3 4	20 58	1 0	19 49	1 27	13 36	1 19	16 44	0 54	22 4	0 4	21 52	1 21	17 11	15 16	23 14	23 10	11 47	2 29	4 41	
W 21	11 1 21 13	0 57	4 3	3 15	20 50	0 57	19 58	1 27	13 36	1 20	16 42	0 54	22 4	0 4	21 52	1 21	17 10	15 16	23 14	23 10	11 45	2 28	4 41	
T 22	10 40 23 30	0s10	4 8	3 25	20 43	0 53	20 7	1 27	13 36	1 20	16 40	0 54	22 4	0 4	21 52	1 21	17 10	15 16	23 14	23 10	11 42	2 27	4 41	
F 23	10 18 24 34	1 16	4 18	3 33	20 34	0 49	20 15	1 27	13 36	1 20	16 38	0 54	22 4	0 4	21 52	1 21	17 9	15 16	23 14	23 10	11 40	2 25	4 41	
S 24	9 56 24 24	2 16	4 32	3 38	20 25	0 46	20 24	1 28	13 36	1 20	16 36	0 54	22 4	0 4	21 52	1 21	17 8	15 16	23 14	23 9	11 37	2 24	4 40	
S 25	9 34 23 4	3 10	4 49	3 42	20 16	0 42	20 32	1 28	13 36	1 20	16 34	0 54	22 5	0 4	21 52	1 21	17 8	15 16	23 13	23 9	11 35	2 23	4 40	
M 26	9 12 20 43	3 54	5 10	3 44	20 6	0 38	20 41	1 28	13 36	1 21	16 32	0 54	22 5	0 4	21 52	1 21	17 7	15 16	23 13	23 9	11 32	2 21	4 40	
T 27	8 50 17 29	4 28	5 34	3 43	19 55	0 35	20 49	1 28	13 35	1 21	16 30	0 54												

SWISS EPHEMERIS for the year 1816

MARCH 1816

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♆	♁	♁	♁	♁	♁
F 1	10 34 41	10 ^h 20'23"	0 ^h 0'23"	3°R41	2 ^h 28'5	28 ^h 8'10	10°R 5	17 ^h 28'44	11 ^h 27'16	21 ^h 27'58	22 ^h 27'11	20°R57	20 ^h 23'39	13 ^h 27'2	13 ^h 17'17
S 2	10 38 38	11°20'32"	12°18'	2 ^h 28'44	3°17'	28°44'	10 ^h 10'4	17°51'	11°17'	21°58'	22°12'	20 ^h 22'44	20°36'	13°9'	13°21'
S 3	10 42 35	12°20'38"	24°16'	1°51'	4°29'	29°18'	10°3'	17°57'	11°17'	21°59'	22°14'	20°34'	20°33'	13°16'	13°25'
M 4	10 46 31	13°20'43"	6 ^h 8'20	1°4'	5°41'	29°53'	10°2'	18°4'	11°18'	22°0'	22°15'	20°26'	20°30'	13°22'	13°29'
T 5	10 50 28	14°20'46"	18°35'	0°22'	6°53'	0 ^h 11'27	10°0'	18°11'	11°19'	22°1'	22°17'	20°21'	20°27'	13°29'	13°33'
W 6	10 54 24	15°20'47"	1 ^h 11'2	29°46'	8°5'	1°2'	9°58'	18°18'	11°19'	22°1'	22°19'	20°19'	20°23'	13°36'	13°36'
T 7	10 58 21	16°20'45"	13°48'	29°18'	9°18'	1°36'	9°56'	18°24'	11°20'	22°2'	22°20'	20°19'	20°20'	13°43'	13°40'
F 8	11 2 17	17°20'41"	26°55'	28°55'	10°30'	2°11'	9°54'	18°31'	11°20'	22°2'	22°22'	20°19'	20°17'	13°49'	13°44'
S 9	11 6 14	18°20'35"	10 ^h 29'29	28°40'	11°42'	2°45'	9°52'	18°37'	11°21'	22°3'	22°23'	20°18'	20°14'	13°56'	13°48'
S 10	11 10 10	19°20'27"	24°32'	28°31'	12°54'	3°20'	9°49'	18°44'	11°21'	22°3'	22°25'	20°15'	20°11'	14°3'	13°52'
M 11	11 14 7	20°20'17"	9 ^h 0'2	28°D28	14°7'	3°55'	9°46'	18°50'	11°21'	22°4'	22°26'	20°9'	20°7'	14°10'	13°55'
T 12	11 18 4	21°20'04"	23°58'	28°31'	15°19'	4°29'	9°43'	18°57'	11°22'	22°4'	22°28'	20°1'	20°4'	14°16'	13°59'
W 13	11 22 0	22°19'49"	9 ^h 11'2	28°41'	16°31'	5°4'	9°40'	19°3'	11°22'	22°5'	22°29'	19°51'	20°1'	14°23'	14°3'
T 14	11 25 57	23°19'33"	24°34'	28°55'	17°44'	5°39'	9°37'	19°10'	11°22'	22°5'	22°31'	19°40'	19°58'	14°30'	14°7'
F 15	11 29 53	24°19'14"	9 ^h 25'1	29°16'	18°56'	6°14'	9°34'	19°16'	11°22'	22°5'	22°32'	19°29'	19°55'	14°36'	14°11'
S 16	11 33 50	25°18'53"	24°53'	29°41'	20°8'	6°49'	9°30'	19°22'	11°22'	22°6'	22°34'	19°19'	19°52'	14°43'	14°14'
S 17	11 37 46	26°18'30"	9 ^h 31'3	0 ^h 27'10	21°21'	7°24'	9°26'	19°29'	11°22'	22°6'	22°35'	19°12'	19°48'	14°50'	14°18'
M 18	11 41 43	27°18'06"	23°41'	0°45'	22°33'	7°59'	9°22'	19°35'	11°22'	22°6'	22°37'	19°8'	19°45'	14°57'	14°22'
T 19	11 45 39	28°17'40"	7 ^h 27'20	1°23'	23°46'	8°34'	9°18'	19°41'	11°22'	22°6'	22°39'	19°6'	19°42'	15°3'	14°26'
W 20	11 49 36	29°17'12"	20°31'	2°5'	24°59'	9°9'	9°14'	19°47'	11°22'	22°7'	22°40'	19°D 6	19°39'	15°10'	14°29'
T 21	11 53 33	0 ^h 16'42	3 ^h 35'17	2°51'	26°11'	9°44'	9°9'	19°53'	11°22'	22°7'	22°42'	19°R 6	19°36'	15°17'	14°33'
F 22	11 57 29	1°16'11"	15°43'	3°41'	27°24'	10°20'	9°5'	19°59'	11°21'	22°7'	22°43'	19°5'	19°33'	15°23'	14°37'
S 23	12 1 26	2°15'38"	27°54'	4°33'	28°36'	10°55'	9°0'	20°5'	11°21'	22°7'	22°45'	19°2'	19°29'	15°30'	14°40'
S 24	12 5 22	3°15'03"	9 ^h 25'4	5°29'	29°49'	11°30'	8°55'	20°11'	11°21'	22°R 7	22°46'	18°57'	19°26'	15°37'	14°44'
M 25	12 9 19	4°14'26"	21°54'	6°28'	1 ^h 2'12	12°5'	8°50'	20°17'	11°20'	22°7'	22°48'	18°49'	19°23'	15°44'	14°48'
T 26	12 13 15	5°13'47"	3 ^h 27'40	7°29'	2°14'	12°41'	8°45'	20°23'	11°20'	22°7'	22°49'	18°38'	19°20'	15°50'	14°51'
W 27	12 17 12	6°13'07"	15°31'	8°33'	3°27'	13°16'	8°40'	20°29'	11°19'	22°7'	22°51'	18°26'	19°17'	15°57'	14°55'
T 28	12 21 8	7°12'24"	27°24'	9°39'	4°40'	13°52'	8°34'	20°34'	11°19'	22°7'	22°52'	18°12'	19°13'	16°4'	14°59'
F 29	12 25 5	8°11'39"	9 ^h 17'20	10°48'	5°52'	14°27'	8°29'	20°40'	11°18'	22°7'	22°54'	17°59'	19°10'	16°11'	15°2'
S 30	12 29 2	9°10'53"	21°20'	11°59'	7°5'	15°3'	8°23'	20°46'	11°17'	22°6'	22°55'	17°47'	19°7'	16°17'	15°6'
S 31	12 32 58	10 ^h 10'04	3 ^h 27'27	13 ^h 27'12	8 ^h 18'18	15 ^h 12'38	8 ^h 17'17	20 ^h 25'51	11 ^h 27'17	22 ^h 27'6	22 ^h 57'57	17 ^h 12'37	19 ^h 12'4	16 ^h 27'24	15 ^h 27'9

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	7s42	4s22	4s56	6s56	3n28	19s20	0n24	21n13	1n29	13s34	1n21	16s24	0s55	22s 5	0n 4	21s52	1n21	17s 4	15s15	23n 9	23n 8	11s23	2s16	4n40
S 2	7 19	0n35	4 39	7 24	3 20	19 7	0 20	21 21	1 29	13 34	1 22	16 22	0 55	22 5	0 4	21 52	1 21	17 4	15 15	23 8	23 8	11 20	2 14	4 40
S 3	6 56	5 32	4 10	7 52	3 10	18 54	0 17	21 28	1 29	13 33	1 22	16 20	0 55	22 5	0 4	21 52	1 21	17 3	15 15	23 8	23 8	11 18	2 13	4 40
M 4	6 33	10 21	3 30	8 20	2 58	18 40	0 13	21 36	1 29	13 33	1 22	16 18	0 55	22 6	0 4	21 52	1 21	17 2	15 15	23 7	23 7	11 15	2 12	4 40
T 5	6 10	14 49	2 39	8 46	2 46	18 25	0 10	21 43	1 29	13 32	1 22	16 16	0 55	22 6	0 4	21 52	1 21	17 2	15 15	23 7	23 7	11 13	2 10	4 40
W 6	5 47	18 45	1 40	9 11	2 33	18 10	0 6	21 51	1 29	13 31	1 22	16 14	0 55	22 6	0 4	21 52	1 21	17 1	15 15	23 7	23 7	11 10	2 9	4 40
T 7	5 24	21 55	0 34	9 34	2 19	17 54	0 3	21 58	1 29	13 30	1 22	16 12	0 55	22 6	0 4	21 52	1 21	17 1	15 15	23 7	23 7	11 8	2 7	4 40
F 8	5 02	1 0n35	9 54	2 5	17 38	0s 1	22 5	1 30	13 29	1 23	16 10	0 55	22 6	0 4	21 52	1 21	17 0	15 15	23 7	23 6	11 5	2 6	4 40	
S 9	4 37	24 47	1 44	10 13	1 51	17 22	0 4	22 12	1 30	13 29	1 23	16 8	0 55	22 6	0 4	21 52	1 21	16 59	15 15	23 6	23 6	11 2	2 5	4 39
S 10	4 13	24 2	2 50	10 30	1 36	17 5	0 7	22 19	1 30	13 28	1 23	16 6	0 56	22 6	0 4	21 52	1 22	16 59	15 15	23 6	23 6	11 0	2 3	4 39
M 11	3 50	21 40	3 47	10 44	1 22	16 47	0 11	22 25	1 30	13 27	1 23	16 4	0 56	22 6	0 4	21 52	1 22	16 58	15 15	23 6	23 6	10 57	2 2	4 39
T 12	3 26	17 47	4 30	10 57	1 8	16 29	0 14	22 32	1 30	13 25	1 23	16 2	0 56	22 6	0 4	21 52	1 22	16 57	15 15	23 5	23 5	10 55	2 0	4 39
W 13	3 3	12 41	4 55	11 7	0 53	16 10	0 17	22 38	1 30	13 24	1 23	16 1	0 56	22 6	0 4	21 52	1 22	16 57	15 15	23 5	23 5	10 52	1 59	4 39
T 14	2 39	6 44	4 59	11 14	0 40	15 52	0 20	22 45	1 30	13 23	1 24	15 59	0 56	22 6	0 4	21 52	1 22	16 56	15 15	23 4	23 4	10 50	1 58	4 39
F 15	2 15	0 25	4 41	11 20	0 26	15 32	0 23	22 51	1 30	13 22	1 24	15 57	0 56	22 6	0 4	21 52	1 22	16 56	15 15	23 3	23 3	10 47	1 56	4 39
S 16	1 52	5s51	4 5	11 23	0 13	15 12	0 27	22 57	1 30	13 21	1 24	15 55	0 56	22 6	0 4	21 52	1 22	16 55	15 15	23 2	23 2	10 45	1 55	4 39
S 17	1 28	11 38	3 13	11 25	0 1	14 52	0 30	23 3	1 30	13 19	1 24	15 53	0 56	22 6	0 4	21 52	1 22	16 55	15 15	23 1	23 1	10 42	1 53	4 39
M 18	1 4	16 37	2 10	11 24	0s12	14 31	0 33	23 9	1 30	13 18	1 24	15 51	0 56	22 6	0 4	21 52	1 22	16 54	15 15	23 1	23 1	10 40	1 52	4 39
T 19	0 41	20 32	1 2	11 21	0 23	14 10	0 35	23 14	1 30	13 16	1 24	15 49	0 57	22 6	0 4	21 52	1 22	16 53	15 15	23 1	23 1	10 37	1 50	4 39
W 20	0 17	23 15	0s 8	11 17	0 34	13 49	0 38	23 20	1 30	13 15	1 25	15 48	0 57	22 6	0 4	21 52	1 22	16 53	15 15	23 1	23 1	10 35	1 49	4 39
T 21	0n 7	24 40	1 14	11 10	0 45	13 27	0 41	23 25	1 30	13 13	1 25	15 46	0 57	22 6	0 4	21 52	1 22	16 52	15 15	23 1	23 1	10 32	1 48	4 39
F 22	0 30	24 47	2 16	11 2	0 55	13 4	0 44	23 31	1 30	13 12	1 25	15 44	0 57	22 6	0 4	21 52	1 22	16 52	15 15	23 1	23 1</			

SWISS EPHEMERIS for the year 1816

APRIL 1816

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♆	♁	♁	♁	♁	♁
M 1	12 36 55	11° 9' 13"	15° 5' 40"	14° 27' 27"	9° 31' 31"	16° 11' 14"	8° 11' 11"	20° 57' 57"	11° 16' 16"	22° 26' 26"	17° 30' 30"	19° 11' 11"	16° 31' 31"	15° 13' 13"		
T 2	12 40 51	12° 8' 20"	28° 3' 15"	15° 44' 44"	10° 44' 44"	16° 49' 49"	8° 15' 15"	21° 2' 2"	11° 15' 15"	22° 26' 26"	17° 26' 26"	18° 58' 58"	16° 37' 37"	15° 16' 16"		
W 3	12 44 48	13° 7' 24"	10° 11' 38"	17° 3' 17"	11° 56' 56"	17° 25' 25"	7° 59' 59"	21° 7' 7"	11° 14' 14"	22° 5' 5"	23° 1' 1"	17° 24' 24"	18° 54' 54"	16° 44' 44"		
T 4	12 48 44	14° 6' 27"	23° 27' 27"	18° 24' 24"	13° 9' 9"	18° 1' 1"	7° 52' 52"	21° 13' 13"	11° 13' 13"	22° 5' 5"	23° 3' 3"	17° 24' 24"	18° 51' 51"	16° 51' 51"		
F 5	12 52 41	15° 5' 27"	6° 35' 35"	19° 47' 47"	14° 22' 22"	18° 36' 36"	7° 46' 46"	21° 18' 18"	11° 12' 12"	22° 5' 5"	23° 4' 4"	17° 24' 24"	18° 48' 48"	16° 58' 58"		
S 6	12 56 37	16° 4' 25"	20° 3' 20"	21° 11' 11"	15° 35' 35"	19° 12' 12"	7° 39' 39"	21° 23' 23"	11° 11' 11"	22° 4' 4"	23° 6' 6"	17° 24' 24"	18° 45' 45"	17° 4' 4"		
S 7	13 0 34	17° 3' 20"	3° 56' 56"	22° 38' 38"	16° 48' 48"	19° 48' 48"	7° 32' 32"	21° 28' 28"	11° 10' 10"	22° 4' 4"	23° 7' 7"	17° 23' 23"	18° 42' 42"	17° 11' 11"		
M 8	13 4 31	18° 2' 13"	18° 12' 12"	24° 5' 18"	18° 1' 1"	20° 24' 24"	7° 26' 26"	21° 33' 33"	11° 9' 9"	22° 3' 3"	23° 8' 8"	17° 20' 20"	18° 38' 38"	17° 18' 18"		
T 9	13 8 27	19° 1' 04"	2° 17' 51"	25° 35' 35"	19° 13' 13"	21° 0' 0"	7° 19' 19"	21° 38' 38"	11° 8' 8"	22° 3' 3"	23° 10' 10"	17° 14' 14"	18° 35' 35"	17° 25' 25"		
W 10	13 12 24	19° 59' 53"	17° 48' 48"	27° 6' 20"	20° 26' 26"	21° 35' 35"	7° 12' 12"	21° 43' 43"	11° 7' 7"	22° 2' 2"	23° 11' 11"	17° 7' 7"	18° 32' 32"	17° 31' 31"		
T 11	13 16 20	20° 58' 39"	2° 54' 54"	28° 39' 39"	21° 39' 39"	22° 11' 11"	7° 5' 5"	21° 48' 48"	11° 5' 5"	22° 2' 2"	23° 13' 13"	16° 58' 58"	18° 29' 29"	17° 38' 38"		
F 12	13 20 17	21° 57' 23"	18° 1' 0"	29° 14' 14"	22° 52' 52"	22° 47' 47"	6° 58' 58"	21° 52' 52"	11° 4' 4"	22° 1' 1"	23° 14' 14"	16° 50' 50"	18° 26' 26"	17° 45' 45"		
S 13	13 24 13	22° 56' 05"	2° 17' 58"	1° 50' 24"	25° 5' 23"	23° 23' 23"	6° 51' 51"	21° 57' 57"	11° 3' 3"	22° 1' 1"	23° 15' 15"	16° 43' 43"	18° 23' 23"	17° 51' 51"		
S 14	13 28 10	23° 54' 46"	17° 36' 36"	3° 28' 25"	25° 18' 25"	23° 59' 59"	6° 43' 43"	22° 2' 2"	11° 1' 1"	22° 0' 0"	23° 17' 17"	16° 37' 37"	18° 19' 19"	17° 58' 58"		
M 15	13 32 6	24° 53' 24"	1° 27' 49"	5° 7' 26"	26° 31' 24"	24° 35' 35"	6° 36' 36"	22° 6' 6"	11° 0' 0"	21° 59' 59"	23° 18' 18"	16° 34' 34"	18° 16' 16"	18° 5' 5"		
T 16	13 36 3	25° 52' 01"	15° 35' 35"	6° 48' 27"	27° 44' 25"	25° 11' 11"	6° 29' 29"	22° 11' 11"	10° 59' 59"	21° 59' 59"	23° 19' 19"	16° 33' 33"	18° 13' 13"	18° 12' 12"		
W 17	13 39 59	26° 50' 36"	28° 53' 53"	8° 31' 28"	28° 57' 25"	25° 47' 47"	6° 21' 21"	22° 15' 15"	10° 57' 57"	21° 58' 58"	23° 21' 21"	16° 34' 34"	18° 10' 10"	18° 18' 18"		
T 18	13 43 56	27° 49' 10"	11° 34' 55"	10° 16' 0"	29° 14' 14"	26° 23' 23"	6° 14' 14"	22° 19' 19"	10° 55' 55"	21° 57' 57"	23° 22' 22"	16° 35' 35"	18° 7' 7"	18° 25' 25"		
F 19	13 47 53	28° 47' 42"	24° 16' 16"	12° 2' 12"	29° 13' 13"	26° 59' 59"	6° 6' 6"	22° 24' 24"	10° 54' 54"	21° 56' 56"	23° 23' 23"	16° 36' 36"	18° 4' 4"	18° 32' 32"		
S 20	13 51 49	29° 46' 12"	6° 30' 30"	13° 49' 29"	29° 36' 36"	27° 35' 35"	5° 59' 59"	22° 28' 28"	10° 52' 52"	21° 56' 56"	23° 25' 25"	16° 36' 36"	18° 0' 0"	18° 38' 38"		
S 21	13 55 46	0° 34' 40"	18° 31' 18"	15° 39' 39"	3° 49' 28"	28° 11' 11"	5° 51' 51"	22° 32' 32"	10° 51' 51"	21° 55' 55"	23° 26' 26"	16° 34' 34"	17° 57' 57"	18° 45' 45"		
M 22	13 59 42	1° 43' 07"	0° 25' 25"	17° 30' 5'	5° 2' 28"	28° 47' 47"	5° 43' 43"	22° 36' 36"	10° 49' 49"	21° 54' 54"	23° 27' 27"	16° 30' 30"	17° 54' 54"	18° 52' 52"		
T 23	14 3 39	2° 41' 32"	12° 17' 17"	19° 22' 19"	6° 15' 15"	29° 23' 23"	5° 36' 36"	22° 40' 40"	10° 47' 47"	21° 53' 53"	23° 28' 28"	16° 25' 25"	17° 51' 51"	18° 59' 59"		
W 24	14 7 35	3° 39' 56"	24° 9' 24"	21° 17' 7"	7° 28' 29"	29° 59' 59"	5° 28' 28"	22° 44' 44"	10° 45' 45"	21° 52' 52"	23° 30' 30"	16° 18' 18"	17° 48' 48"	19° 5' 5"		
T 25	14 11 32	4° 38' 17"	6° 4' 23"	23° 12' 8"	8° 41' 0"	30° 35' 35"	5° 21' 21"	22° 47' 47"	10° 44' 44"	21° 51' 51"	23° 31' 31"	16° 10' 10"	17° 44' 44"	19° 12' 12"		
F 26	14 15 28	5° 36' 37"	18° 5' 25"	25° 10' 9"	9° 54' 12"	30° 53' 53"	5° 13' 13"	22° 51' 51"	10° 42' 42"	21° 50' 50"	23° 32' 32"	16° 2' 2"	17° 41' 41"	19° 19' 19"		
S 27	14 19 25	6° 34' 56"	0° 15' 15"	27° 9' 11"	11° 7' 14"	31° 48' 48"	5° 5' 5"	22° 55' 55"	10° 40' 40"	21° 49' 49"	23° 33' 33"	15° 55' 55"	17° 38' 38"	19° 26' 26"		
S 28	14 23 22	7° 33' 12"	12° 33' 12"	29° 10' 10"	12° 20' 20"	32° 4' 4"	4° 58' 58"	22° 58' 58"	10° 38' 38"	21° 48' 48"	23° 35' 35"	15° 50' 50"	17° 35' 35"	19° 32' 32"		
M 29	14 27 18	8° 31' 27"	25° 1' 18"	31° 13' 13"	3° 0' 30"	33° 3' 3"	4° 50' 50"	23° 2' 2"	10° 36' 36"	21° 47' 47"	23° 36' 36"	15° 46' 46"	17° 32' 32"	19° 39' 39"		
T 30	14 31 15	9° 29' 40"	7° 11' 40"	33° 17' 17"	14° 46' 46"	34° 37' 37"	4° 42' 42"	23° 5' 5"	10° 34' 34"	21° 46' 46"	23° 37' 37"	15° 44' 44"	17° 29' 29"	19° 46' 46"		

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
M 1	4n25	14n 0	2s40	8s 7	2s 9	9s 3	1s 8	24n15	1n30	12s54	1n26	15s27	0s58	22s 5	0n 4	21s51	1n22	16s47	15s16	22n53	23n 1	10s 4	1s32	4n40
T 2	4 48	18 6	1 41	7 41	2 14	8 38	1 10	24 18	1 30	12 52	1 26	15 25	0 58	22 5	0 4	21 51	1 22	16 46	15 16	22 52	23 0	10 1	1 31	4 40
W 3	5 11	21 28	0 36	7 14	2 18	8 12	1 12	24 22	1 30	12 49	1 26	15 24	0 59	22 5	0 4	21 51	1 22	16 46	15 17	22 52	23 0	9 58	1 29	4 40
T 4	5 34	23 50	0n32	6 46	2 22	7 46	1 14	24 25	1 30	12 47	1 26	15 22	0 59	22 5	0 4	21 51	1 22	16 45	15 17	22 52	23 0	9 56	1 28	4 40
F 5	5 57	24 58	1 40	6 16	2 25	7 19	1 16	24 28	1 30	12 45	1 26	15 21	0 59	22 5	0 4	21 51	1 23	16 45	15 17	22 52	22 59	9 53	1 26	4 40
S 6	6 20	24 41	2 45	5 45	2 27	6 53	1 17	24 31	1 30	12 43	1 26	15 19	0 59	22 5	0 4	21 51	1 23	16 44	15 17	22 52	22 59	9 51	1 25	4 40
S 7	6 42	22 53	3 42	5 13	2 29	6 26	1 19	24 34	1 30	12 41	1 26	15 18	0 59	22 5	0 4	21 51	1 23	16 44	15 17	22 52	22 59	9 48	1 24	4 40
M 8	7 5	19 37	4 27	4 40	2 31	5 59	1 21	24 37	1 30	12 39	1 26	15 16	0 59	22 5	0 4	21 51	1 23	16 43	15 17	22 52	22 59	9 45	1 22	4 40
T 9	7 27	15 3	4 55	4 5	2 32	5 32	1 22	24 39	1 30	12 36	1 26	15 15	0 59	22 4	0 4	21 51	1 23	16 43	15 17	22 51	22 58	9 43	1 21	4 40
W 10	7 50	9 30	5 5	3 29	2 32	5 5	1 24	24 41	1 30	12 34	1 27	15 13	1 0	22 4	0 4	21 51	1 23	16 43	15 18	22 50	22 58	9 40	1 20	4 40
T 11	8 12	3 20	4 53	2 52	2 32	4 37	1 25	24 43	1 30	12 32	1 27	15 12	1 0	22 4	0 4	21 51	1 23	16 42	15 18	22 50	22 58	9 37	1 18	4 40
F 12	8 34	3s 3	4 21	2 14	2 32	4 9	1 26	24 45	1 30	12 29	1 27	15 10	1 0	22 4	0 4	21 51	1 23	16 42	15 18	22 49	22 58	9 35	1 17	4 41
S 13	8 56	9 12	3 32	1 35	2 31	3 42	1 28	24 47	1 29	12 27	1 27	15 9	1 0	22 4	0 4	21 51	1 23	16 41	15 18	22 48	22 57	9 32	1 16	4 41
S 14	9 17	14 43	2 29	0 54	2 29	3 14	1 29	24 49	1 29	12 25	1 27	15 8	1 0	22 4	0 4	21 51	1 23	16 41	15 18	22 47	22 57	9 30	1 14	4 41
M 15	9 39	19 16	1 18	0 13	2 27	2 46	1 30	24 50	1 29	12 22	1 27	15 6	1 0	22 3	0 4	21 51	1 23	16 41	15 19	22 47	22 57	9 27	1 13	4 41
T 16	10 0	22 36	0 5	0n29	2 25	2 18	1 31	24 52	1 29	12 20	1 27	15 5	1 0	22 3	0 4	21 50	1 23	16 40	15 19	22 47	22 56	9 24	1 12	4 41
W 17	10 21	24 33	1s 6	1 13	2 22	1 50	1 32	24 53	1 29	12 17	1 27	15 4	1 1	22 3	0 4	21 50	1 23	16 40	15 19	22 47	22 56	9 22	1 10	4 41
T 18	10 43	25 8	2 11	1 57	2 18	1 21	1 33	24 54	1 29	12 15	1 27	15 3	1 1	22 3	0 4	21 50	1 23	16 40	15 19	22 47	22 56	9 19	1 9	4 41
F 19	11 3	24 23	3 9	2 42	2 14	0 53	1 34	24 55	1 29	12 12	1 27	15 1	1 1	22 3	0 4	21 50	1 23	16 39	15 19	22 47	22 56	9 16	1 8	4 41
S 20	11 24	22 29	3 56	3 28	2 9	0 25	1 34	24 55	1 29	12 10	1 27	15 0	1 1	22 2	0 4	21 50	1 23	16 39	15 20	22 47	22 55	9 14	1 7	4 41
S 21	11 45	19 36	4 32	4 15	2 4	0n 4	1 35	24 56	1 29	12 7	1 27	14 59	1 1	22 2	0 4	21 50	1 23	16 39	15 20	22 47	22 55	9 11	1 5	4 42
M 22	12 5	15 57	4 56	5 3	1 59	0 32	1 36	24 56	1 29	12 5	1 27	14 58	1 1	22 2	0 4	21 50	1 23	16 38	15 20	22 47	22 55	9 8	1 4	4 42
T 23	12 25	11 41	5 7	5 51	1 52	1 1	1 36	24 56	1 28	12 2	1 27	14 57	1											

SWISS EPHEMERIS for the year 1816

MAY 1816

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁
W 1	14 35 11	10 ⁸ 2752	20 ^{II} 30	5 ⁸ 22	15 ^V 59	4 ⁸ 13	4 ^R 35	23 [∞] 8	10 ^R 32	21 ^R 45	23 [∞] 38	15 ^D 44	17 ^{II} 25	19 [∞] 52	16 [∞] 45	
T 2	14 39 8	11 [°] 26'01	3 ⁸ 34	7 [°] 28	17 [°] 12	4 [°] 49	4 [∞] 27	23 [°] 11	10 [°] 30	21 [°] 44	23 [°] 39	15 [°] 45	17 [°] 22	19 [°] 59	16 [°] 48	
F 3	14 43 4	12 [°] 24'08	1 ⁶ 53	9 [°] 36	18 [°] 25	5 [°] 25	4 [°] 20	23 [°] 14	10 [°] 28	21 [°] 43	23 [°] 40	15 [°] 46	17 [°] 19	20 [°] 6	16 [°] 50	
S 4	14 47 1	13 [°] 22'14	0 ⁶ 27	11 [°] 45	19 [°] 38	6 [°] 2	4 [°] 12	23 [°] 17	10 [°] 26	21 [°] 42	23 [°] 41	15 [°] 48	17 [°] 16	20 [°] 13	16 [°] 53	
S 5	14 50 57	14 [°] 20'17	14 [°] 18	13 [°] 54	20 [°] 51	6 [°] 38	4 [°] 5	23 [°] 20	10 [°] 24	21 [°] 40	23 [°] 42	15 [°] R48	17 [°] 13	20 [°] 19	16 [°] 55	
M 6	14 54 54	15 [°] 18'19	28 [°] 25	16 [°] 4	22 [°] 4	7 [°] 14	3 [°] 57	23 [°] 23	10 [°] 22	21 [°] 39	23 [°] 43	15 [°] 47	17 [°] 10	20 [°] 26	16 [°] 58	
T 7	14 58 51	16 [°] 16'18	12 [∞] 48	18 [°] 15	23 [°] 17	7 [°] 51	3 [°] 50	23 [°] 26	10 [°] 19	21 [°] 38	23 [°] 44	15 [°] 46	17 [°] 6	20 [°] 33	17 [°] 0	
W 8	15 2 47	17 [°] 14'16	2 ⁷ 23	20 [°] 25	24 [°] 30	8 [°] 27	3 [°] 43	23 [°] 28	10 [°] 17	21 [°] 37	23 [°] 45	15 [°] 42	17 [°] 3	20 [°] 40	17 [°] 2	
T 9	15 6 44	18 [°] 12'12	12 [∞] 5	22 [°] 36	25 [°] 43	9 [°] 4	3 [°] 35	23 [°] 31	10 [°] 15	21 [°] 35	23 [°] 46	15 [°] 39	17 [°] 0	20 [°] 46	17 [°] 4	
F 10	15 10 40	19 [°] 10'06	2 ⁶ 47	24 [°] 46	26 [°] 56	9 [°] 40	3 [°] 28	23 [°] 33	10 [°] 13	21 [°] 34	23 [°] 47	15 [°] 35	16 [°] 57	20 [°] 53	17 [°] 7	
S 11	15 14 37	20 [°] 7'58	11 [∞] 23	26 [°] 55	28 [°] 9	10 [°] 16	3 [°] 21	23 [°] 36	10 [°] 11	21 [°] 33	23 [°] 48	15 [°] 32	16 [°] 54	21 [°] 0	17 [°] 9	
S 12	15 18 33	21 [°] 5'49	25 [°] 46	29 [°] 3	29 [°] 22	10 [°] 53	3 [°] 14	23 [°] 38	10 [°] 8	21 [°] 32	23 [°] 49	15 [°] 30	16 [°] 50	21 [°] 6	17 [°] 11	
M13	15 22 30	22 [°] 3'39	9 [∞] 50	1 ^{II} 10	0 ⁸ 36	11 [°] 29	3 [°] 7	23 [°] 40	10 [°] 6	21 [°] 30	23 [°] 50	15 [°] D29	16 [°] 47	21 [°] 13	17 [°] 13	
T 14	15 26 26	23 [°] 1'27	23 [°] 1	3 [°] 15	1 [°] 49	12 [°] 6	3 [°] 0	23 [°] 42	10 [°] 4	21 [°] 29	23 [°] 51	15 [°] 29	16 [°] 44	21 [°] 20	17 [°] 15	
W15	15 30 23	23 [°] 59'14	6 [∞] 49	5 [°] 19	3 [°] 2	12 [°] 42	2 [°] 53	23 [°] 44	10 [°] 1	21 [°] 27	23 [°] 52	15 [°] 30	16 [°] 41	21 [°] 27	17 [°] 17	
T 16	15 34 20	24 [°] 56'59	19 [°] 44	7 [°] 20	4 [°] 15	13 [°] 19	2 [°] 47	23 [°] 46	9 [°] 59	21 [°] 26	23 [°] 53	15 [°] 31	16 [°] 38	21 [°] 33	17 [°] 19	
F 17	15 38 16	25 [°] 54'44	2 [∞] 19	9 [°] 20	5 [°] 28	13 [°] 55	2 [°] 40	23 [°] 48	9 [°] 57	21 [°] 25	23 [°] 54	15 [°] 32	16 [°] 35	21 [°] 40	17 [°] 21	
S 18	15 42 13	26 [°] 52'27	14 [°] 36	11 [°] 17	6 [°] 41	14 [°] 32	2 [°] 34	23 [°] 50	9 [°] 54	21 [°] 23	23 [°] 55	15 [°] 34	16 [°] 31	21 [°] 47	17 [°] 23	
S 19	15 46 9	27 [°] 50'09	26 [°] 41	13 [°] 11	7 [°] 54	15 [°] 8	2 [°] 27	23 [°] 51	9 [°] 52	21 [°] 22	23 [°] 55	15 [°] R34	16 [°] 28	21 [°] 53	17 [°] 24	
M20	15 50 6	28 [°] 47'50	8 [∞] 37	15 [°] 3	9 [°] 7	15 [°] 45	2 [°] 21	23 [°] 53	9 [°] 49	21 [°] 20	23 [°] 56	15 [°] 34	16 [°] 25	22 [°] 0	17 [°] 26	
T 21	15 54 2	29 [°] 45'30	20 [°] 30	16 [°] 52	10 [°] 20	16 [°] 21	2 [°] 15	23 [°] 54	9 [°] 47	21 [°] 19	23 [°] 57	15 [°] 33	16 [°] 22	22 [°] 7	17 [°] 28	
W22	15 57 59	0 ^{II} 43'09	2 ^V 24	18 [°] 38	11 [°] 34	16 [°] 58	2 [°] 9	23 [°] 55	9 [°] 45	21 [°] 17	23 [°] 58	15 [°] 31	16 [°] 19	22 [°] 14	17 [°] 29	
T 23	16 1 55	1 [°] 40'47	14 [°] 22	20 [°] 21	12 [°] 47	17 [°] 34	2 [°] 3	23 [°] 57	9 [°] 42	21 [°] 16	23 [°] 58	15 [°] 29	16 [°] 16	22 [°] 20	17 [°] 31	
F 24	16 5 52	2 [°] 38'24	2 ⁶ 28	22 [°] 2	14 [°] 0	18 [°] 11	1 [°] 57	23 [°] 58	9 [°] 40	21 [°] 14	23 [°] 59	15 [°] 27	16 [°] 12	22 [°] 27	17 [°] 33	
S 25	16 9 49	3 [°] 36'00	8 [∞] 46	23 [°] 39	15 [°] 13	18 [°] 48	1 [°] 52	23 [°] 59	9 [°] 37	21 [°] 13	24 [°] 0	15 [°] 26	16 [°] 9	22 [°] 34	17 [°] 34	
S 26	16 13 45	4 [°] 33'35	21 [°] 16	25 [°] 13	16 [°] 26	19 [°] 24	1 [°] 46	24 [°] 0	9 [°] 35	21 [°] 11	24 [°] 1	15 [°] 24	16 [°] 6	22 [°] 41	17 [°] 35	
M27	16 17 42	5 [°] 31'08	4 [∞] 0	26 [°] 44	17 [°] 40	20 [°] 1	1 [°] 41	24 [°] 0	9 [°] 32	21 [°] 10	24 [°] 1	15 [°] 24	16 [°] 3	22 [°] 47	17 [°] 37	
T 28	16 21 38	6 [°] 28'41	16 [°] 59	28 [°] 12	18 [°] 53	20 [°] 38	1 [°] 36	24 [°] 1	9 [°] 30	21 [°] 8	24 [°] 2	15 [°] D23	16 [°] 0	22 [°] 54	17 [°] 38	
W29	16 25 35	7 [°] 26'13	0 ⁸ 13	29 [°] 37	20 [°] 6	21 [°] 14	1 [°] 30	24 [°] 2	9 [°] 27	21 [°] 7	24 [°] 2	15 [°] 24	15 [°] 56	23 [°] 1	17 [°] 39	
T 30	16 29 31	8 [°] 23'44	13 [°] 39	0 ⁸ 59	21 [°] 19	21 [°] 51	1 [°] 26	24 [°] 2	9 [°] 25	21 [°] 5	24 [°] 3	15 [°] 24	15 [°] 53	23 [°] 7	17 [°] 41	
F 31	16 33 28	9 [∞] 21'13	27 [∞] 19	2 ⁸ 18	22 [∞] 32	22 [∞] 28	1 [∞] 21	24 [∞] 3	9 [∞] 22	21 [∞] 4	24 [∞] 4	15 [∞] 25	15 [∞] 50	23 [∞] 14	17 [∞] 42	

Day	☉	☽	♀	♁	♂	♃	♅	♁	♁	♁	♁	♁	♁	♁	♁	♁	♁							
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	14n59	23n33	0n26	12n35	0s47	4n47	1s38	24n51	1n27	11s43	1n26	14s49	1s 3	22s 0	0n 3	21s49	1n23	16s36	15s22	22n42	22n52	8s44	0s53	4n43
T 2	15 17 25	1 36	13 26	0 37	5 16	1 37	24 50	1 27	11 40	1 26	14 48	1 3	21 59	0 3	21 49	1 23	16 36	15 23	22 42	22 52	8 42	0 52	4 43	
F 3	15 34 25	4 2	42 14 16	0 27	5 44	1 37	24 48	1 27	11 38	1 26	14 47	1 3	21 59	0 3	21 49	1 23	16 36	15 23	22 42	22 52	8 39	0 51	4 43	
S 4	15 52 23	39 3	40 15 6	0 17	6 11	1 37	24 46	1 27	11 35	1 26	14 46	1 3	21 59	0 3	21 49	1 23	16 36	15 23	22 42	22 51	8 36	0 50	4 43	
S 5	16 9 20	49 4	27 15 56	0 6	6 39	1 37	24 45	1 27	11 33	1 26	14 45	1 4	21 58	0 3	21 49	1 23	16 35	15 23	22 42	22 51	8 33	0 49	4 44	
M 6	16 27 16	42 4	58 16 44	0n 4	7 7	1 36	24 42	1 27	11 30	1 26	14 45	1 4	21 58	0 3	21 49	1 23	16 35	15 24	22 42	22 51	8 31	0 48	4 44	
T 7	16 43 11	34 5	12 17 31	0 15	7 34	1 36	24 40	1 26	11 28	1 25	14 44	1 4	21 58	0 3	21 49	1 23	16 35	15 24	22 42	22 50	8 28	0 47	4 44	
W 8	17 0 5 43	5 6	18 17	0 25	8 2	1 35	24 38	1 26	11 26	1 25	14 43	1 4	21 57	0 3	21 49	1 23	16 35	15 24	22 42	22 50	8 25	0 46	4 44	
T 9	17 16 0	s29	4 40	19 1	0 36	8 29	1 34	24 35	1 26	11 23	1 25	14 42	1 4	21 57	0 3	21 48	1 24	16 35	15 25	22 41	22 50	8 23	0 45	4 44
F 10	17 32 6 40	3 56	19 43	0 46	8 56	1 34	24 32	1 26	11 21	1 25	14 42	1 5	21 57	0 3	21 48	1 24	16 35	15 25	22 41	22 49	8 20	0 44	4 44	
S 11	17 48 12 28	2 56	20 24	0 56	9 23	1 33	24 30	1 26	11 19	1 25	14 41	1 5	21 57	0 3	21 48	1 24	16 35	15 25	22 41	22 49	8 17	0 43	4 45	
S 12	18 3 17 30	1 46	21 2	1 5	9 50	1 32	24 26	1 26	11 17	1 25	14 41	1 5	21 56	0 3	21 48	1 24	16 35	15 25	22 40	22 49	8 15	0 42	4 45	
M13	18 18 21 26	0 31	21 38	1 15	10 16	1 31	24 23	1 25	11 14	1 25	14 40	1 5	21 56	0 3	21 48	1 24	16 34	15 26	22 40	22 48	8 12	0 41	4 45	
T 14	18 33 24 2	0s44	22 11	1 23	10 42	1 30	24 20	1 25	11 12	1 24	14 40	1 5	21 56	0 3	21 48	1 24	16 34	15 26	22 40	22 48	8 9	0 40	4 45	
W15	18 47 25 12	1 55	22 42	1 31	11 8	1 29	24 16	1 25	11 10	1 24	14 39	1 5	21 55	0 3	21 48	1 24	16 34	15 26	22 40	22 48	8 6	0 39	4 45	
T 16	19 1 24 56	2 58	23 11	1 39	11 34	1 28	24 12	1 25	11 8	1 24	14 39	1 6	21 55	0 3	21 48	1 24	16 34	15 27	22 41	22 47	8 4	0 38	4 45	
F 17	19 15 23 24	3 50	23 37	1 46	11 59	1 27	24 8	1 25	11 6	1 24	14 38	1 6	21 55	0 3	21 48	1 24	16 34	15 27	22 41	22 47	8 1	0 37	4 46	
S 18	19																							

SWISS EPHEMERIS for the year 1816

JUNE 1816

00:00 UT

Table with 16 columns representing celestial coordinates and zodiac signs, and 30 rows for days of the month. Columns include Day, Sid.t, and various zodiac symbols like ☉, ☽, ♀, etc.

Table with 24 columns for detailed celestial coordinates (decl, lat) and 30 rows for days of the month. Columns include Day, ☉, ☽, ♀, etc., followed by decl and lat for each planet/sign.

Julian Day Number = 2384491.5, Delta T = 12.12 sec
Ecliptic obliquity = 23°27'49", Nutation = - 0°00'17"
Ayanamsha: Fagan/Bradley = 22°10'37", Lahiri = 21°17'37"

SWISS EPHEMERIS for the year 1816

JULY 1816

00:00 UT

Day	Sid.t	☉	☽	♁	♂	♄	♃	♆	♅	♁	♂	♄	♃	♁	♂	♄
M 1	18 35 41	8 ^h 57'05"	20 ^m 21	11 [°] R 5	0 ^h 27	11 ^h 03'22"	0 ^m 16	23 [°] R28	8 ^h R11	20 ^h R14	24 ^h R10	15 ^h R13	14 ^h II12	26 ^h 43	17 ^h R51	
T 2	18 39 38	9 ^h 54'17"	4 ^m 39	10 ^h 28	1 ^h 40	12 ^h 10	0 ^m 16	23 [°] R26	8 ^h 7	20 ^h R13	24 ^h II10	15 ^h D12	14 ^h 8	26 ^h 49	17 ^h 50	
W 3	18 43 34	10 ^h 51'28"	18 ^m 49	9 ^h 51	2 ^h 54	12 ^h 47	0 ^m 17	23 [°] 23	8 ^h 7	20 ^h 11	24 ^h 9	15 ^h II12	14 ^h 5	26 ^h 56	17 ^h 50	
T 4	18 47 31	11 ^h 48'39"	2 ^m 52	9 ^h 15	4 ^h 7	13 ^h 24	0 ^m 18	23 [°] 20	8 ^h 5	20 ^h 10	24 ^h 9	15 ^h 13	14 ^h 2	27 ^h 3	17 ^h 49	
F 5	18 51 27	12 ^h 45'50"	16 ^m 45	8 ^h 40	5 ^h 21	14 ^h 1	0 ^m 20	23 [°] 18	8 ^h 3	20 ^h 8	24 ^h 9	15 ^h 14	13 ^h 59	27 ^h 9	17 ^h 48	
S 6	18 55 24	13 ^h 43'01"	0 ^m 27	8 ^h 7	6 ^h 35	14 ^h 38	0 ^m 21	23 [°] 15	8 ^h 1	20 ^h 7	24 ^h 9	15 ^h 16	13 ^h 56	27 ^h 16	17 ^h 47	
S 7	18 59 21	14 ^h 40'12"	13 ^m 58	7 ^h 37	7 ^h 48	15 ^h 16	0 ^m 23	23 [°] 12	7 ^h 59	20 ^h 5	24 ^h 8	15 ^h R16	13 ^h 53	27 ^h 23	17 ^h 47	
M 8	19 3 17	15 ^h 37'23"	2 ^m 17	7 ^h 10	9 ^h 2	15 ^h 53	0 ^m 24	23 [°] 9	7 ^h 57	20 ^h 4	24 ^h 8	15 ^h 16	13 ^h 49	27 ^h 30	17 ^h 46	
T 9	19 7 14	16 ^h 34'34"	10 ^m 22	6 ^h 47	10 ^h 16	16 ^h 30	0 ^m 26	23 [°] 6	7 ^h 56	20 ^h 3	24 ^h 8	15 ^h 14	13 ^h 46	27 ^h 36	17 ^h 45	
W10	19 11 10	17 ^h 31'45"	23 ^m 15	6 ^h 28	11 ^h 29	17 ^h 7	0 ^m 29	23 [°] 3	7 ^h 54	20 ^h 1	24 ^h 8	15 ^h 10	13 ^h 43	27 ^h 43	17 ^h 44	
T 11	19 15 7	18 ^h 28'57"	5 ^m 34	6 ^h 13	12 ^h 43	17 ^h 45	0 ^m 31	22 [°] 59	7 ^h 52	20 ^h 0	24 ^h 7	15 ^h 5	13 ^h 40	27 ^h 50	17 ^h 43	
F 12	19 19 3	19 ^h 26'08"	18 ^m 20	6 ^h 3	13 ^h 57	18 ^h 22	0 ^m 33	22 [°] 56	7 ^h 51	19 ^h 58	24 ^h 7	15 ^h 0	13 ^h 37	27 ^h 56	17 ^h 42	
S 13	19 23 0	20 ^h 23'21"	0 ^m 33	5 ^h D58	15 ^h 10	18 ^h 59	0 ^m 36	22 [°] 53	7 ^h 49	19 ^h 57	24 ^h 6	14 ^h 54	13 ^h 34	28 ^h 3	17 ^h 40	
S 14	19 26 56	21 ^h 20'33"	12 ^m 37	5 ^h 58	16 ^h 24	19 ^h 37	0 ^m 39	22 [°] 49	7 ^h 47	19 ^h 56	24 ^h 6	14 ^h 48	13 ^h 30	28 ^h 10	17 ^h 39	
M15	19 30 53	22 ^h 17'47"	24 ^m 33	6 ^h 3	17 ^h 38	20 ^h 14	0 ^m 42	22 [°] 46	7 ^h 46	19 ^h 54	24 ^h 5	14 ^h 44	13 ^h 27	28 ^h 17	17 ^h 38	
T 16	19 34 50	23 ^h 15'00"	6 ^m 26	6 ^h 14	18 ^h 52	20 ^h 52	0 ^m 45	22 [°] 42	7 ^h 44	19 ^h 53	24 ^h 5	14 ^h 40	13 ^h 24	28 ^h 23	17 ^h 37	
W17	19 38 46	24 ^h 12'15"	18 ^m 19	6 ^h 31	20 ^h 5	21 ^h 29	0 ^m 48	22 [°] 39	7 ^h 43	19 ^h 52	24 ^h 5	14 ^h 39	13 ^h 21	28 ^h 30	17 ^h 35	
T 18	19 42 43	25 ^h 9'30"	0 ^m 17	6 ^h 53	21 ^h 19	22 ^h 6	0 ^m 52	22 [°] 35	7 ^h 41	19 ^h 51	24 ^h 4	14 ^h D39	13 ^h 18	28 ^h 37	17 ^h 34	
F 19	19 46 39	26 ^h 6'47"	12 ^m 26	7 ^h 22	22 ^h 33	22 ^h 44	0 ^m 56	22 [°] 31	7 ^h 40	19 ^h 49	24 ^h 3	14 ^h 40	13 ^h 14	28 ^h 44	17 ^h 32	
S 20	19 50 36	27 ^h 4'04"	24 ^m 49	7 ^h 55	23 ^h 47	23 ^h 21	0 ^m 59	22 [°] 27	7 ^h 39	19 ^h 48	24 ^h 3	14 ^h 41	13 ^h 11	28 ^h 50	17 ^h 31	
S 21	19 54 32	28 ^h 1'22"	7 ^m 31	8 ^h 35	25 ^h 1	23 ^h 59	1 ^m 3	22 [°] 23	7 ^h 37	19 ^h 47	24 ^h 2	14 ^h 42	13 ^h 8	28 ^h 57	17 ^h 29	
M22	19 58 29	28 ^h 58'40"	20 ^m 36	9 ^h 20	26 ^h 15	24 ^h 36	1 ^m 8	22 [°] 20	7 ^h 36	19 ^h 46	24 ^h 2	14 ^h R42	13 ^h 5	29 ^h 4	17 ^h 28	
T 23	20 2 25	29 ^h 56'00"	4 ^m 5	10 ^h 10	27 ^h 29	25 ^h 14	1 ^m 12	22 [°] 16	7 ^h 35	19 ^h 45	24 ^h 1	14 ^h 41	13 ^h 2	29 ^h 10	17 ^h 26	
W24	20 6 22	0 ^h 53'20"	17 ^m 59	11 ^h 6	28 ^h 42	25 ^h 52	1 ^m 16	22 [°] 12	7 ^h 34	19 ^h 44	24 ^h 1	14 ^h 37	12 ^h 59	29 ^h 17	17 ^h 24	
T 25	20 10 19	1 ^h 50'42"	2 ^m 16	12 ^h 8	29 ^h 56	26 ^h 29	1 ^m 21	22 [°] 8	7 ^h 33	19 ^h 42	24 ^h 0	14 ^h 32	12 ^h 55	29 ^h 24	17 ^h 23	
F 26	20 14 15	2 ^h 48'04"	16 ^m 49	13 ^h 15	1 ^h 10	27 ^h 7	1 ^m 26	22 [°] 4	7 ^h 32	19 ^h 41	23 ^h 59	14 ^h 25	12 ^h 52	29 ^h 31	17 ^h 21	
S 27	20 18 12	3 ^h 45'26"	1 ^m 32	14 ^h 27	2 ^h 24	27 ^h 44	1 ^m 31	21 [°] 59	7 ^h 31	19 ^h 40	23 ^h 59	14 ^h 17	12 ^h 49	29 ^h 37	17 ^h 19	
S 28	20 22 8	4 ^h 42'49"	16 ^m 17	15 ^h 44	3 ^h 38	28 ^h 22	1 ^m 36	21 [°] 55	7 ^h 30	19 ^h 39	23 ^h 58	14 ^h 10	12 ^h 46	29 ^h 44	17 ^h 17	
M29	20 26 5	5 ^h 40'13"	0 ^m 58	17 ^h 6	4 ^h 52	29 ^h 0	1 ^m 41	21 [°] 51	7 ^h 29	19 ^h 38	23 ^h 57	14 ^h 4	12 ^h 43	29 ^h 51	17 ^h 15	
T 30	20 30 1	6 ^h 37'37"	15 ^m 27	18 ^h 33	6 ^h 6	29 ^h 37	1 ^m 47	21 [°] 47	7 ^h 28	19 ^h 37	23 ^h 56	14 ^h 1	12 ^h 40	29 ^h 57	17 ^h 13	
W31	20 33 58	7 ^h 35'02"	29 ^m 41	20 ^h 4	7 ^h 20	0 ^h 15	1 ^m 52	21 [°] 42	7 ^h 27	19 ^h 36	23 ^h 56	13 ^h II59	12 ^h II36	0 ^h 17	17 ^h 11	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
M 1	23n10	8n37	5n13	18n38	4s23	23n33	0n 5	18n32	1n14	10s26	1n13	14s53	1s14	21s39	0n 3	21s43	1n23	16s43	15s43	22n39	22n32	5s55	0s17	4n55
T 2	23 6	2 41	4 56	18 33	4 31	23 35	0 7	18 21	1 14	10 26	1 13	14 54	1 14	21 38	0 3	21 43	1 23	16 43	15 44	22 38	22 31	5 52	0 17	4 55
W 3	23 1	3s21	4 22	18 29	4 38	23 36	0 10	18 10	1 14	10 27	1 13	14 55	1 14	21 38	0 3	21 43	1 23	16 43	15 44	22 38	22 31	5 49	0 17	4 56
T 4	22 56	9 10	3 32	18 26	4 43	23 36	0 12	17 59	1 13	10 28	1 12	14 56	1 15	21 38	0 3	21 43	1 23	16 44	15 44	22 39	22 30	5 46	0 17	4 56
F 5	22 51	14 28	2 30	18 24	4 47	23 36	0 15	17 48	1 13	10 28	1 12	14 57	1 15	21 38	0 3	21 43	1 23	16 44	15 45	22 39	22 30	5 44	0 17	4 56
S 6	22 45	18 57	1 20	18 24	4 49	23 35	0 17	17 37	1 13	10 29	1 12	14 58	1 15	21 37	0 3	21 43	1 23	16 45	15 45	22 39	22 30	5 41	0 17	4 56
S 7	22 39	22 23	0 7	18 25	4 50	23 33	0 19	17 26	1 13	10 30	1 12	14 59	1 15	21 37	0 3	21 43	1 23	16 45	15 46	22 39	22 29	5 38	0 17	4 56
M 8	22 33	24 31	1s 5	18 28	4 49	23 31	0 22	17 15	1 12	10 31	1 11	15 0	1 15	21 37	0 3	21 42	1 23	16 46	15 46	22 39	22 29	5 35	0 17	4 57
T 9	22 26	25 16	2 13	18 32	4 46	23 28	0 24	17 3	1 12	10 32	1 11	15 1	1 15	21 36	0 3	21 42	1 23	16 46	15 46	22 39	22 29	5 32	0 17	4 57
W10	22 19	24 37	3 12	18 37	4 42	23 24	0 26	16 51	1 12	10 33	1 11	15 2	1 16	21 36	0 3	21 42	1 23	16 47	15 47	22 38	22 28	5 29	0 18	4 57
T 11	22 11	22 43	4 1	18 43	4 37	23 20	0 28	16 40	1 11	10 34	1 10	15 4	1 16	21 36	0 3	21 42	1 23	16 47	15 47	22 38	22 28	5 26	0 18	4 57
F 12	22 3	19 45	4 38	18 50	4 30	23 14	0 31	16 28	1 11	10 35	1 10	15 5	1 16	21 36	0 3	21 42	1 23	16 47	15 47	22 37	22 27	5 24	0 18	4 57
S 13	21 55	15 58	5 1	18 58	4 22	23 9	0 33	16 16	1 11	10 36	1 10	15 6	1 16	21 35	0 3	21 42	1 23	16 48	15 48	22 36	22 27	5 21	0 18	4 58
S 14	21 46	11 36	5 10	19 7	4 13	23 2	0 35	16 4	1 11	10 37	1 10	15 7	1 16	21 35	0 3	21 42	1 23	16 48	15 48	22 36	22 27	5 18	0 19	4 58
M15	21 37	6 50	5 6	19 17	4 3	22 55	0 37	15 52	1 10	10 39	1 9	15 9	1 16	21 35	0 3	21 42	1 23	16 49	15 48	22 35	22 26	5 15	0 19	4 58
T 16	21 28	1 51	4 48	19 28	3 52	22 47	0 39	15 40	1 10	10 40	1 9	15 10	1 17	21 35	0 3	21 42	1 23	16 49	15 49	22 35	22 26	5 12	0 19	4 58
W17	21 18	3n12	4 19	19 39	3 40	22 38	0 41	15 27	1 10	10 41	1 9	15 11	1 17	21 34	0 3	21 42	1 23	16 50	15 49	22 35	22 25	5 9	0 20	4 58
T 18	21 7	8 11	3 37	19 50	3 27	22 29	0 43	15 15	1															

SWISS EPHEMERIS for the year 1816

AUGUST 1816

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T 1	20 37 54	8♈32'28"	13♊39	21♉40	8♌34	0♍53	1♎58	21°R38	7°R26	19°R35	23°R55	13°D59	12♐33	0♑11	17°R 9				
F 2	20 41 51	9°29'54"	27°19	23°20	9°48	1°31	2° 4	21°≈34	7°≈26	19°≈34	23°≈54	13°≈59	12°30	0°18	17°≈ 7				
S 3	20 45 48	10°27'21"	10°≈44	25° 3	11° 2	2° 8	2°10	21°29	7°25	19°34	23°53	14°R 0	12°27	0°24	17° 5				
S 4	20 49 44	11°24'49"	23°54	26°50	12°16	2°46	2°16	21°25	7°24	19°33	23°52	14° 0	12°24	0°31	17° 3				
M 5	20 53 41	12°22'17"	6♌51	28°40	13°31	3°24	2°22	21°21	7°24	19°32	23°52	13°57	12°20	0°38	17° 1				
T 6	20 57 37	13°19'47"	19°36	0♌33	14°45	4° 2	2°29	21°16	7°23	19°31	23°51	13°53	12°17	0°44	16°59				
W 7	21 1 34	14°17'17"	2≈11	2°29	15°59	4°40	2°35	21°12	7°23	19°30	23°50	13°45	12°14	0°51	16°56				
T 8	21 5 30	15°14'48"	14°35	4°26	17°13	5°17	2°42	21° 7	7°22	19°30	23°49	13°36	12°11	0°58	16°54				
F 9	21 9 27	16°12'21"	26°51	6°25	18°27	5°55	2°49	21° 3	7°22	19°29	23°48	13°25	12° 8	1° 5	16°52				
S 10	21 13 24	17° 9'55"	8°≈57	8°26	19°41	6°33	2°56	20°58	7°21	19°28	23°47	13°13	12° 5	1°11	16°49				
S 11	21 17 20	18° 7'30"	20°56	10°27	20°55	7°11	3° 3	20°54	7°21	19°28	23°46	13° 2	12° 1	1°18	16°47				
M 12	21 21 17	19° 5'06"	2°V50	12°29	22° 9	7°49	3°10	20°49	7°21	19°27	23°45	12°52	11°58	1°25	16°45				
T 13	21 25 13	20° 2'44"	14°41	14°32	23°24	8°27	3°17	20°45	7°21	19°26	23°44	12°44	11°55	1°31	16°42				
W 14	21 29 10	21° 0'23"	26°42	16°34	24°38	9° 5	3°25	20°40	7°21	19°26	23°43	12°39	11°52	1°38	16°40				
T 15	21 33 6	21°58'04"	8♌28	18°36	25°52	9°43	3°33	20°36	7°20	19°25	23°42	12°36	11°49	1°45	16°37				
F 16	21 37 3	22°55'46"	20°34	20°38	27° 6	10°21	3°40	20°31	7°D20	19°25	23°41	12°D36	11°45	1°52	16°35				
S 17	21 40 59	23°53'30"	2♐54	22°39	28°20	10°59	3°48	20°27	7°20	19°24	23°40	12°36	11°42	1°58	16°32				
S 18	21 44 56	24°51'16"	15°34	24°39	29°35	11°37	3°56	20°22	7°20	19°24	23°39	12°R36	11°39	2° 5	16°30				
M 19	21 48 52	25°49'03"	28°38	26°38	0♍49	12°16	4° 4	20°18	7°21	19°23	23°38	12°35	11°36	2°12	16°27				
T 20	21 52 49	26°46'53"	12♉10	28°37	2° 3	12°54	4°13	20°13	7°21	19°23	23°37	12°32	11°33	2°18	16°24				
W 21	21 56 46	27°44'43"	26°11	0♍34	3°18	13°32	4°21	20° 9	7°21	19°23	23°36	12°27	11°30	2°25	16°22				
T 22	22 0 42	28°42'36"	10♌39	2°30	4°32	14°10	4°29	20° 5	7°21	19°22	23°35	12°19	11°26	2°32	16°19				
F 23	22 4 39	29°40'30"	25°29	4°25	5°46	14°49	4°38	20° 0	7°22	19°22	23°34	12° 9	11°23	2°39	16°16				
S 24	22 8 35	0♍38'25"	10♍33	6°19	7° 1	15°27	4°47	19°56	7°22	19°22	23°33	11°58	11°20	2°45	16°14				
S 25	22 12 32	1°36'22"	25°41	8°11	8°15	16° 5	4°56	19°51	7°22	19°21	23°32	11°47	11°17	2°52	16°11				
M 26	22 16 28	2°34'21"	10♌43	10° 2	9°29	16°43	5° 4	19°47	7°23	19°21	23°31	11°38	11°14	2°59	16° 8				
T 27	22 20 25	3°32'20"	25°30	11°52	10°44	17°22	5°13	19°43	7°23	19°21	23°30	11°32	11°11	3° 5	16° 6				
W 28	22 24 21	4°30'22"	9♎56	13°41	11°58	18° 0	5°23	19°38	7°24	19°21	23°28	11°28	11° 7	3°12	16° 3				
T 29	22 28 18	5°28'24"	23°59	15°28	13°12	18°39	5°32	19°34	7°25	19°21	23°27	11°27	11° 4	3°19	16° 0				
F 30	22 32 15	6°26'28"	7°≈38	17°14	14°27	19°17	5°41	19°30	7°25	19°21	23°26	11°26	11° 1	3°26	15°57				
S 31	22 36 11	7°≈24'33"	20°≈55	18°≈59	15°≈41	19°≈56	5°≈51	19°≈26	7°≈26	19°≈21	23°≈25	11°≈26	10°≈58	3°≈32	15°≈54				

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T 1	18n 9	13s29	2n35	21n36	0s 7	19n14	1n 8	12n11	1n 5	11s 9	1n 5	15s33	1s19	21s32	0n 3	21s41	1n22	16s58	15s54	22n30	22n19	4s26	0s28	5n 1
F 2	17 54	18 9	1 28	21 32	0n 5	18 55	1 9	11 57	1 5	11 11	1 5	15 34	1 19	21 32	0 2	21 41	1 22	16 59	15 54	22 30	22 19	4 23	0 28	5 1
S 3	17 38	21 47	0 18	21 26	0 18	18 37	1 11	11 43	1 4	11 14	1 5	15 36	1 19	21 32	0 2	21 41	1 22	16 59	15 54	22 30	22 19	4 20	0 29	5 1
S 4	17 22	24 12	0s53	21 17	0 29	18 17	1 12	11 29	1 4	11 16	1 4	15 37	1 19	21 32	0 2	21 41	1 22	17 0	15 54	22 30	22 18	4 17	0 30	5 1
M 5	17 6	25 16	1 59	21 6	0 40	17 57	1 13	11 15	1 3	11 18	1 4	15 39	1 19	21 32	0 2	21 41	1 22	17 0	15 55	22 30	22 18	4 14	0 31	5 1
T 6	16 50	24 58	2 58	20 52	0 50	17 37	1 14	11 1	1 3	11 21	1 4	15 40	1 19	21 31	0 2	21 41	1 22	17 1	15 55	22 29	22 17	4 11	0 31	5 1
W 7	16 34	23 23	3 47	20 35	0 59	17 16	1 16	10 47	1 3	11 23	1 4	15 42	1 19	21 31	0 2	21 41	1 22	17 1	15 55	22 28	22 17	4 8	0 32	5 1
T 8	16 17	20 42	4 25	20 16	1 8	16 54	1 17	10 33	1 2	11 26	1 3	15 44	1 19	21 31	0 2	21 41	1 22	17 2	15 55	22 27	22 17	4 5	0 33	5 1
F 9	16 0	17 7	4 50	19 54	1 15	16 33	1 18	10 19	1 2	11 28	1 3	15 45	1 19	21 31	0 2	21 41	1 22	17 3	15 56	22 26	22 16	4 2	0 34	5 1
S 10	15 42	12 53	5 2	19 30	1 12	16 10	1 19	10 4	1 2	11 31	1 3	15 47	1 20	21 31	0 2	21 41	1 22	17 3	15 56	22 25	22 16	3 59	0 35	5 1
S 11	15 25	8 11	5 0	19 3	1 28	15 47	1 19	9 50	1 1	11 34	1 3	15 48	1 20	21 31	0 2	21 41	1 22	17 4	15 56	22 23	22 15	3 56	0 35	5 2
M 12	15 7	3 13	4 45	18 34	1 33	15 24	1 20	9 35	1 1	11 36	1 2	15 50	1 20	21 31	0 2	21 41	1 22	17 4	15 56	22 22	22 15	3 53	0 36	5 2
T 13	14 49	1n50	4 17	18 2	1 37	15 1	1 21	9 21	1 1	11 39	1 2	15 51	1 20	21 31	0 2	21 41	1 22	17 5	15 57	22 21	22 14	3 50	0 37	5 2
W 14	14 31	6 51	3 39	17 29	1 40	14 37	1 22	9 6	1 0	11 42	1 2	15 53	1 20	21 31	0 2	21 41	1 22	17 6	15 57	22 20	22 14	3 47	0 38	5 2
T 15	14 12	11 39	2 51	16 54	1 43	14 12	1 22	8 52	1 0	11 44	1 2	15 54	1 20	21 31	0 2	21 41	1 22	17 6	15 57	22 20	22 14	3 45	0 39	5 2
F 16	13 53	16 4	1 54	16 17	1 45	13 47	1 23	8 37	1 0	11 47	1 2	15 56	1 20	21 31	0 2	21 41	1 22	17 7	15 57	22 20	22 13	3 42	0 40	5 2
S 17	13 34	19 55	0 51	15 39	1 46	13 22	1 24	8 22	0 59	11 50	1 1	15 57	1 20	21 31	0 2	21 41	1 22	17 7	15 57	22 20	22 13	3 39	0 41	5 2
S 18	13 15	22 57	0n16	14 59	1 46	12 57	1 24	8 7	0 59	11 53	1 1	15 59	1 20	21 31	0 2	21 41	1 22	17 8	15 58	22 20	22 12	3 36	0 42	5 2
M 19	12 56	24 51	1 24	14 18	1 46	12 31	1 24	7 52	0 59	11 56	1 1	16 0	1 20	21 31	0 2	21 41	1 22	17 8	15 58	22 20	22 12	3 33	0 43	5 2
T 20	12 36	25 24	2 30	13 36	1 45	12 4	1 25	7 37	0 58	11 59	1 1	16 2	1 20	21 31	0 2	21 41	1 22	17 9	15 58	22 19	22 11	3 30	0 44	5 2
W 21	12 16	24 21	3 29	12 53	1 43	11 38	1 25	7 22	0 58	12 2	1 0	16 3	1 20	21 31	0 2	21 41	1 21	17 10	15 58	22 19	22 11	3 27	0 45	5 2
T 22	11 56	21 42	4 17	12 10	1 41	11 11	1 25	7 7	0 57	12 5	1 0	16 5	1 20	21 31	0 2	21 41	1 21	17 10	15 58	22 18	22 11	3 24	0 46	5 2
F 23	11 36	17 33	4 48	11 25	1 38	10 44	1 25	6 52	0 57	12 8	1 0	16 6	1 20	21 31	0 2	21 41	1 21	17 11	15 59	22 16	22 10	3 21	0 47	5 2
S 24	11 15	12 15	5 1	10 40	1 35	10 16	1 25	6 37	0 57	12 11	1 0	16 8	1 21	21 32	0 2	21 41	1 21	17 11	15 59	22 15	22 10	3 18	0 48	5 2
S 25	10 55	6 11	4 52	9 55	1 31	9 48	1 25	6 22	0 56	12 14	1 0	16 9	1 21	21 32	0 2	21 41	1 21	17 12	15 59	22 13	22 9	3 15	0 49	5 2
M 26	10 34	0s13	4 23	9 9	1 27	9 20	1 25	6 6	0 56	12 18	0 59	16 10	1 21	21 32	0 2	21 41	1 21	17 13	15 59	22 12	22 9	3 12	0 50	5 2
T 27	10 13	6 30	3 37	8 23	1 23	8 52	1 25	5 51	0 56	12 21	0 59	16 12	1 21	21 32	0 2	21 41	1 21	17 13	15 59	22 11	22 8	3 9	0 51	5 2
W 28	9 52	12 18	2 38	7 37	1 18	8 23	1 25	5 36	0 55	12 24	0 59	16 13	1 21	21 32</										

SWISS EPHEMERIS for the year 1816

SEPTEMBER 1816

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S 1	22 40 8	8♎22'40	3♌54	20♎42	16♎55	20♎34	6♎ 0	19°R22	7♌27	19°D21	23°R24	11°R25	10♎55	3♎39	15°R52								
M 2	22 44 4	9°20'48	16°37	22°24	18°10	21°13	6°10	19°17	7°28	19°21	23°23	11°22	10°51	3°46	15°49								
T 3	22 48 1	10°18'58	29° 7	24° 6	19°24	21°51	6°20	19°13	7°28	19°21	23°21	11°15	10°48	3°52	15°46								
W 4	22 51 57	11°17'09	11°27	25°45	20°39	22°30	6°30	19° 9	7°29	19°21	23°20	11° 6	10°45	3°59	15°43								
T 5	22 55 54	12°15'22	23°39	27°24	21°53	23° 8	6°40	19° 5	7°30	19°21	23°19	10°55	10°42	4° 6	15°40								
F 6	22 59 50	13°13'36	5♋43	29° 2	23° 7	23°47	6°50	19° 2	7°31	19°21	23°18	10°41	10°39	4°13	15°37								
S 7	23 3 47	14°11'53	17°42	0♌38	24°22	24°26	7° 0	18°58	7°33	19°21	23°17	10°27	10°36	4°19	15°35								
S 8	23 7 44	15°10'10	29°37	2°13	25°36	25° 4	7°10	18°54	7°34	19°22	23°16	10°13	10°32	4°26	15°32								
M 9	23 11 40	16° 8'30	11°28	3°47	26°51	25°43	7°20	18°50	7°35	19°22	23°14	10° 1	10°29	4°33	15°29								
T 10	23 15 37	17° 6'52	23°19	5°20	28° 5	26°22	7°31	18°46	7°36	19°22	23°13	9°52	10°26	4°39	15°26								
W 11	23 19 33	18° 5'16	5♌10	6°52	29°19	27° 0	7°41	18°43	7°37	19°22	23°12	9°45	10°23	4°46	15°23								
T 12	23 23 30	19° 3'42	17° 6	8°23	0♌34	27°39	7°52	18°39	7°39	19°23	23°11	9°40	10°20	4°53	15°20								
F 13	23 27 26	20° 2'10	29°11	9°52	1°48	28°18	8° 2	18°36	7°40	19°23	23°10	9°39	10°17	5° 0	15°18								
S 14	23 31 23	21° 0'40	11°29	11°21	3° 3	28°57	8°13	18°32	7°41	19°24	23° 8	9°D38	10°13	5° 6	15°15								
S 15	23 35 19	21°59'13	24° 6	12°48	4°17	29°36	8°24	18°29	7°43	19°24	23° 7	9°R38	10°10	5°13	15°12								
M 16	23 39 16	22°57'48	7♌ 5	14°15	5°32	0♌15	8°35	18°26	7°44	19°25	23° 6	9°38	10° 7	5°20	15° 9								
T 17	23 43 13	23°56'25	20°32	15°40	6°46	0°54	8°46	18°22	7°46	19°25	23° 5	9°35	10° 4	5°26	15° 6								
W 18	23 47 9	24°55'04	4♌28	17° 4	8° 1	1°33	8°57	18°19	7°48	19°26	23° 3	9°30	10° 1	5°33	15° 4								
T 19	23 51 6	25°53'45	18°54	18°26	9°15	2°12	9° 8	18°16	7°49	19°26	23° 2	9°23	9°57	5°40	15° 1								
F 20	23 55 2	26°52'29	3♎45	19°48	10°30	2°51	9°19	18°13	7°51	19°27	23° 1	9°14	9°54	5°46	14°58								
S 21	23 58 59	27°51'14	18°56	21° 8	11°44	3°30	9°31	18°10	7°53	19°27	23° 0	9° 3	9°51	5°53	14°55								
S 22	0 2 55	28°50'02	4♌15	22°27	12°58	4° 9	9°42	18° 7	7°55	19°28	22°59	8°53	9°48	6° 0	14°53								
M 23	0 6 52	29°48'52	19°30	23°45	14°13	4°48	9°54	18° 4	7°57	19°29	22°57	8°44	9°45	6° 7	14°50								
T 24	0 10 48	0♌47'43	4♎32	25° 1	15°27	5°27	10° 5	18° 2	7°58	19°30	22°56	8°38	9°42	6°13	14°47								
W 25	0 14 45	1°46'36	19°13	26°16	16°42	6° 7	10°17	17°59	8° 0	19°30	22°55	8°34	9°38	6°20	14°44								
T 26	0 18 42	2°45'32	3♌27	27°29	17°56	6°46	10°28	17°57	8° 2	19°31	22°54	8°D33	9°35	6°27	14°42								
F 27	0 22 38	3°44'28	17°13	28°40	19°11	7°25	10°40	17°54	8° 4	19°32	22°53	8°33	9°32	6°33	14°39								
S 28	0 26 35	4°43'27	0♌34	29°50	20°25	8° 5	10°52	17°52	8° 6	19°33	22°51	8°R34	9°29	6°40	14°36								
S 29	0 30 31	5°42'28	13°31	0♎57	21°40	8°44	11° 4	17°49	8° 9	19°34	22°50	8°33	9°26	6°47	14°34								
M 30	0 34 28	6°41'30	26♌ 9	2♎ 3	22°54	9°23	11♎15	17°47	8°11	19°35	22°49	8°31	9°22	6°54	14°31								

Day	☉	☽	♀	♁	♂	♃	♄	♅	♆	♇	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
S 1	8n26	25s20	1s56	4n32	0n55	6n27	1n24	4n34	0n54	12s37	0n58	16s19	1s21	21s32	0n 2	21s42	1n21	17s16	16s 0	22n10	22n 6	2s54	0s56	5n 2
M 2	8 4 25	19 2 54	3 46	0 49	5 58	1 23	4 18	0 53	12 41	0 58	16 20	1 21	21 33	0 2	21 42	1 21	17 17	16 0	22 10	22 6	2 51	0 57	5 2	
T 3	7 42	24 0 3	4 3	3 0	4 3	5 28	1 23	4 3	0 53	12 44	0 58	16 21	1 21	21 33	0 2	21 42	1 21	17 17	16 0	22 9	22 5	2 48	0 58	5 2
W 4	7 20	21 32	4 21	2 14	0 36	4 58	1 22	3 47	0 52	12 47	0 58	16 22	1 21	21 33	0 2	21 42	1 21	17 18	16 0	22 8	22 5	2 45	1 0	5 2
T 5	6 58	18 9	4 46	1 29	0 29	4 28	1 21	3 31	0 52	12 51	0 58	16 24	1 21	21 33	0 2	21 42	1 21	17 18	16 0	22 6	22 4	2 42	1 1	5 2
F 6	6 36	14 2	4 58	0 43	0 22	3 58	1 20	3 16	0 52	12 54	0 57	16 25	1 21	21 33	0 2	21 42	1 21	17 19	16 0	22 4	22 4	2 39	1 2	5 2
S 7	6 13	9 25	4 57	0s 2	0 15	3 28	1 20	3 0	0 51	12 58	0 57	16 26	1 21	21 33	0 2	21 42	1 21	17 19	16 0	22 2	22 4	2 36	1 3	5 2
S 8	5 51	4 28	4 43	0 46	0 7	2 57	1 19	2 44	0 51	13 1	0 57	16 27	1 21	21 34	0 2	21 42	1 21	17 20	16 1	22 0	22 3	2 33	1 4	5 2
M 9	5 28	0n37	4 16	1 30	0s 0	2 27	1 18	2 29	0 50	13 5	0 57	16 29	1 21	21 34	0 2	21 42	1 20	17 20	16 1	21 59	22 3	2 30	1 5	5 2
T 10	5 6	5 41	3 39	2 14	0 8	1 56	1 17	2 13	0 50	13 8	0 57	16 30	1 21	21 34	0 2	21 42	1 20	17 21	16 1	21 57	22 2	2 27	1 6	5 2
W 11	4 43	10 34	2 31	2 58	0 15	1 25	1 16	1 57	0 50	13 12	0 56	16 31	1 21	21 34	0 2	21 42	1 20	17 21	16 1	21 56	22 2	2 24	1 8	5 2
T 12	4 20	15 6	1 56	3 41	0 23	0 55	1 14	1 41	0 49	13 15	0 56	16 32	1 21	21 34	0 2	21 42	1 20	17 22	16 1	21 55	22 1	2 21	1 9	5 2
F 13	3 57	19 6	0 55	4 23	0 31	0 24	1 13	1 25	0 49	13 19	0 56	16 33	1 21	21 35	0 2	21 42	1 20	17 23	16 1	21 55	22 1	2 18	1 10	5 1
S 14	3 34	22 21	0n10	5 5	0 38	0s 7	1 12	1 10	0 48	13 23	0 56	16 34	1 21	21 35	0 2	21 42	1 20	17 23	16 1	21 55	22 0	2 15	1 11	5 1
S 15	3 11	24 36	1 16	5 46	0 46	0 37	1 11	0 54	0 48	13 26	0 56	16 35	1 21	21 35	0 2	21 43	1 20	17 24	16 1	21 55	22 0	2 12	1 12	5 1
M 16	2 48	25 36	2 20	6 27	0 54	1 8	1 9	0 38	0 48	13 30	0 56	16 36	1 21	21 35	0 2	21 43	1 20	17 24	16 1	21 55	21 59	2 9	1 13	5 1
T 17	2 25	25 10	3 19	7 7	1 2	1 39	1 8	0 22	0 47	13 34	0 56	16 37	1 21	21 36	0 2	21 43	1 20	17 25	16 1	21 55	21 59	2 6	1 15	5 1
W 18	2 1	23 10	4 8	7 47	1 10	2 10	1 6	0 6	0 47	13 37	0 55	16 38	1 21	21 36	0 2	21 43	1 20	17 25	16 1	21 54	21 58	2 3	1 16	5 1
T 19	1 38	19 39	4 43	8 26	1 18	2 41	1 5	0s10	0 46	13 41	0 55	16 39	1 21	21 36	0 2	21 43	1 20	17 26	16 1	21 53	21 58	2 0	1 17	5 1
F 20	1 15	14 48	5 0	9 4	1 25	3 11	1 3	0 26	0 46	13 45	0 55	16 40	1 21	21 37	0 2	21 43	1 20	17 26	16 1	21 51	21 58	1 57	1 18	5 1
S 21	0 51	8 56	4 57	9 41	1 33	3 42	1 2	0 42	0 45	13 48	0 55	16 41	1 21	21 37	0 2	21 43	1 20	17 26	16 1	21 50	21 57	1 54	1 19	5 1
S 22	0 28	2 29	4 33	10 18	1 41	4 13	1 0	0 58	0 45	13 52	0 55	16 42	1 21	21 37	0 2	21 43	1 20	17 27	16 1	21 48	21 57	1 51	1 21	5 0
M 23	0 4	4s 6	3 49	10 54	1 48	4 43	0 58	1 14	0 45	13 56	0 55	16 43	1 21	21 37	0 2	21 43	1 20	17 27	16 1	21 47	21 56	1 48	1 22	5 0
T 24	0s19	10 22	2 50	11 29	1 56	5 14	0 56	1 30	0 44	14 0	0 54	16 44	1 21	21 38	0 2	21 43	1 20	17 28	16 1	21 46	21 56	1 45	1 23	5 0
W 25	0 42	15 56	1 41	12 3	2 3	5 44	0 54	1 46	0 44	14 3	0 54	16 44	1 21	21 38	0 2	21 44	1 20	17 28	16 1	21 45	21 55	1 42	1 24	5 0
T 26	1 6	20 25	0 27	12 36	2 10	6 14	0 53	2 2	0 43	14 7	0 54	16 45	1 21	21 38	0 2	21 44	1 20	17 29	16 1	21 45	21 55	1 39	1 25	5 0
F 27	1 29	23 37	0s46	13 9	2 17	6 44	0 51	2 17	0 43	14 11	0 54	16 46	1 21	21 39	0 2	21 44	1 20	17 29	16 1	21 45	21 54	1 36	1 26	5 0
S 28	1 53	25 22	1 55	13 40	2 24	7 14	0 49	2 33	0 42	14 15	0 54	16 46	1 21	21 39	0 2	21 44	1 20	17 30	16 1	21 45	21 54	1 33	1 28	5 0
S 29	2 16	25 41	2 55	14 10	2 30	7 44	0 47	2 49	0 42	14 19	0 54	16 47	1 21	21 39	0 2	21 44	1 19	17 30</						

SWISS EPHEMERIS for the year 1816

OCTOBER 1816

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
T 1	0 38 24	7 ^h 40 ^m 34 ^s	8 ^h 32 ^m	3 ^h 06 ^m	24 ^h 09 ^m	10 ^h 03 ^m	11 ^h 27 ^m	17 ^h 45 ^m	8 ^h 13 ^m	19 ^h 36 ^m	22 ^h 48 ^m	8 ^h 27 ^m	9 ^h 19 ^m	7 ^h 00 ^m	14 ^h 29 ^m
W 2	0 42 21	8 ^h 39 ^m 40 ^s	20 ^h 43 ^m	4 ^h 07 ^m	25 ^h 23 ^m	10 ^h 42 ^m	11 ^h 39 ^m	17 ^h 43 ^m	8 ^h 15 ^m	19 ^h 37 ^m	22 ^h 47 ^m	8 ^h 20 ^m	9 ^h 16 ^m	7 ^h 07 ^m	14 ^h 26 ^m
T 3	0 46 17	9 ^h 38 ^m 47 ^s	2 ^h 46 ^m	5 ^h 06 ^m	26 ^h 38 ^m	11 ^h 22 ^m	11 ^h 52 ^m	17 ^h 41 ^m	8 ^h 18 ^m	19 ^h 38 ^m	22 ^h 46 ^m	8 ^h 11 ^m	9 ^h 13 ^m	7 ^h 14 ^m	14 ^h 24 ^m
F 4	0 50 14	10 ^h 37 ^m 57 ^s	14 ^h 43 ^m	6 ^h 02 ^m	27 ^h 52 ^m	12 ^h 01 ^m	12 ^h 04 ^m	17 ^h 39 ^m	8 ^h 20 ^m	19 ^h 39 ^m	22 ^h 44 ^m	8 ^h 01 ^m	9 ^h 10 ^m	7 ^h 20 ^m	14 ^h 21 ^m
S 5	0 54 11	11 ^h 37 ^m 08 ^s	26 ^h 37 ^m	6 ^h 54 ^m	29 ^h 07 ^m	12 ^h 41 ^m	12 ^h 16 ^m	17 ^h 38 ^m	8 ^h 22 ^m	19 ^h 40 ^m	22 ^h 43 ^m	7 ^h 50 ^m	9 ^h 07 ^m	7 ^h 27 ^m	14 ^h 19 ^m
S 6	0 58 07	12 ^h 36 ^m 21 ^s	8 ^h 29 ^m	7 ^h 44 ^m	0 ^h 21 ^m	13 ^h 20 ^m	12 ^h 28 ^m	17 ^h 36 ^m	8 ^h 25 ^m	19 ^h 41 ^m	22 ^h 42 ^m	7 ^h 39 ^m	9 ^h 03 ^m	7 ^h 34 ^m	14 ^h 16 ^m
M 7	1 02 04	13 ^h 35 ^m 37 ^s	20 ^h 20 ^m	8 ^h 29 ^m	1 ^h 35 ^m	14 ^h 00 ^m	12 ^h 40 ^m	17 ^h 34 ^m	8 ^h 27 ^m	19 ^h 42 ^m	22 ^h 41 ^m	7 ^h 29 ^m	9 ^h 00 ^m	7 ^h 41 ^m	14 ^h 14 ^m
T 8	1 06 00	14 ^h 34 ^m 54 ^s	2 ^h 13 ^m	9 ^h 11 ^m	2 ^h 50 ^m	14 ^h 40 ^m	12 ^h 53 ^m	17 ^h 33 ^m	8 ^h 30 ^m	19 ^h 43 ^m	22 ^h 40 ^m	7 ^h 22 ^m	8 ^h 57 ^m	7 ^h 47 ^m	14 ^h 12 ^m
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T 10	1 13 53	16 ^h 33 ^m 36 ^s	26 ^h 11 ^m	10 ^h 21 ^m	5 ^h 19 ^m	15 ^h 59 ^m	13 ^h 17 ^m	17 ^h 30 ^m	8 ^h 35 ^m	19 ^h 46 ^m	22 ^h 38 ^m	7 ^h 14 ^m	8 ^h 51 ^m	8 ^h 01 ^m	14 ^h 07 ^m
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S 13	1 25 43	19 ^h 31 ^m 55 ^s	3 ^h 20 ^m	11 ^h 25 ^m	9 ^h 02 ^m	17 ^h 58 ^m	13 ^h 55 ^m	17 ^h 27 ^m	8 ^h 43 ^m	19 ^h 50 ^m	22 ^h 35 ^m	7 ^h 15 ^m	8 ^h 41 ^m	8 ^h 21 ^m	14 ^h 00 ^m
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T 15	1 33 36	21 ^h 30 ^m 59 ^s	29 ^h 37 ^m	11 ^h 43 ^m	11 ^h 31 ^m	19 ^h 18 ^m	14 ^h 20 ^m	17 ^h 26 ^m	8 ^h 48 ^m	19 ^h 52 ^m	22 ^h 32 ^m	7 ^h 16 ^m	8 ^h 35 ^m	8 ^h 34 ^m	13 ^h 56 ^m
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T 17	1 41 29	23 ^h 30 ^m 13 ^s	27 ^h 37 ^m	11 ^h 14 ^m	14 ^h 00 ^m	20 ^h 38 ^m	14 ^h 46 ^m	17 ^h 24 ^m	8 ^h 54 ^m	19 ^h 55 ^m	22 ^h 30 ^m	7 ^h 10 ^m	8 ^h 28 ^m	8 ^h 48 ^m	13 ^h 52 ^m
F 18	1 45 26	24 ^h 29 ^m 53 ^s	12 ^h 17 ^m	10 ^h 51 ^m	15 ^h 14 ^m	21 ^h 18 ^m	14 ^h 58 ^m	17 ^h 24 ^m	8 ^h 57 ^m	19 ^h 57 ^m	22 ^h 29 ^m	7 ^h 05 ^m	8 ^h 25 ^m	8 ^h 54 ^m	13 ^h 50 ^m
S 19	1 49 22	25 ^h 29 ^m 36 ^s	27 ^h 15 ^m	10 ^h 19 ^m	16 ^h 29 ^m	21 ^h 58 ^m	15 ^h 11 ^m	17 ^h 23 ^m	8 ^h 59 ^m	19 ^h 58 ^m	22 ^h 28 ^m	6 ^h 58 ^m	8 ^h 22 ^m	9 ^h 01 ^m	13 ^h 48 ^m
S 20	1 53 19	26 ^h 29 ^m 20 ^s	12 ^h 26 ^m	9 ^h 39 ^m	17 ^h 43 ^m	22 ^h 38 ^m	15 ^h 24 ^m	17 ^h 23 ^m	9 ^h 02 ^m	20 ^h 00 ^m	22 ^h 27 ^m	6 ^h 52 ^m	8 ^h 19 ^m	9 ^h 08 ^m	13 ^h 46 ^m
M21	1 57 15	27 ^h 29 ^m 07 ^s	27 ^h 40 ^m	8 ^h 49 ^m	18 ^h 58 ^m	23 ^h 18 ^m	15 ^h 37 ^m	17 ^h 23 ^m	9 ^h 05 ^m	20 ^h 01 ^m	22 ^h 26 ^m	6 ^h 47 ^m	8 ^h 16 ^m	9 ^h 14 ^m	13 ^h 45 ^m
T 22	2 01 12	28 ^h 28 ^m 56 ^s	12 ^h 45 ^m	7 ^h 52 ^m	20 ^h 12 ^m	23 ^h 59 ^m	15 ^h 50 ^m	17 ^h 23 ^m	9 ^h 08 ^m	20 ^h 03 ^m	22 ^h 26 ^m	6 ^h 43 ^m	8 ^h 13 ^m	9 ^h 21 ^m	13 ^h 43 ^m
W23	2 05 08	29 ^h 28 ^m 46 ^s	27 ^h 33 ^m	6 ^h 47 ^m	21 ^h 26 ^m	24 ^h 39 ^m	16 ^h 03 ^m	17 ^h 23 ^m	9 ^h 11 ^m	20 ^h 04 ^m	22 ^h 25 ^m	6 ^h 41 ^m	8 ^h 09 ^m	9 ^h 28 ^m	13 ^h 41 ^m
T 24	2 09 05	0 ^h 28 ^m 39 ^s	11 ^h 57 ^m	5 ^h 37 ^m	22 ^h 41 ^m	25 ^h 19 ^m	16 ^h 16 ^m	17 ^h 23 ^m	9 ^h 14 ^m	20 ^h 06 ^m	22 ^h 24 ^m	6 ^h 01 ^m	8 ^h 06 ^m	9 ^h 34 ^m	13 ^h 39 ^m
F 25	2 13 02	1 ^h 28 ^m 33 ^s	25 ^h 53 ^m	4 ^h 22 ^m	23 ^h 55 ^m	25 ^h 59 ^m	16 ^h 29 ^m	17 ^h 23 ^m	9 ^h 17 ^m	20 ^h 07 ^m	22 ^h 23 ^m	6 ^h 42 ^m	8 ^h 03 ^m	9 ^h 41 ^m	13 ^h 38 ^m
S 26	2 16 58	2 ^h 28 ^m 29 ^s	9 ^h 22 ^m	3 ^h 06 ^m	25 ^h 10 ^m	26 ^h 40 ^m	16 ^h 42 ^m	17 ^h 24 ^m	9 ^h 20 ^m	20 ^h 09 ^m	22 ^h 22 ^m	6 ^h 43 ^m	8 ^h 00 ^m	9 ^h 48 ^m	13 ^h 36 ^m
S 27	2 20 55	3 ^h 28 ^m 27 ^s	22 ^h 25 ^m	1 ^h 49 ^m	26 ^h 24 ^m	27 ^h 20 ^m	16 ^h 55 ^m	17 ^h 24 ^m	9 ^h 24 ^m	20 ^h 11 ^m	22 ^h 21 ^m	6 ^h 45 ^m	7 ^h 57 ^m	9 ^h 55 ^m	13 ^h 34 ^m
M28	2 24 51	4 ^h 28 ^m 26 ^s	5 ^h 36 ^m	0 ^h 35 ^m	27 ^h 38 ^m	28 ^h 00 ^m	17 ^h 08 ^m	17 ^h 25 ^m	9 ^h 27 ^m	20 ^h 12 ^m	22 ^h 20 ^m	6 ^h 45 ^m	7 ^h 54 ^m	10 ^h 01 ^m	13 ^h 33 ^m
T 29	2 28 48	5 ^h 28 ^m 27 ^s	17 ^h 29 ^m	29 ^h 26 ^m	28 ^h 53 ^m	28 ^h 41 ^m	17 ^h 21 ^m	17 ^h 25 ^m	9 ^h 30 ^m	20 ^h 14 ^m	22 ^h 19 ^m	6 ^h 44 ^m	7 ^h 50 ^m	10 ^h 08 ^m	13 ^h 31 ^m
W30	2 32 44	6 ^h 28 ^m 29 ^s	29 ^h 38 ^m	28 ^h 24 ^m	0 ^h 27 ^m	29 ^h 21 ^m	17 ^h 34 ^m	17 ^h 26 ^m	9 ^h 33 ^m	20 ^h 16 ^m	22 ^h 19 ^m	6 ^h 42 ^m	7 ^h 47 ^m	10 ^h 15 ^m	13 ^h 30 ^m
T 31	2 36 41	7 ^h 28 ^m 33 ^s	11 ^h 37 ^m	27 ^h 23 ^m	1 ^h 21 ^m	0 ^h 22 ^m	17 ^h 47 ^m	17 ^h 27 ^m	9 ^h 36 ^m	20 ^h 18 ^m	22 ^h 18 ^m	6 ^h 43 ^m	7 ^h 44 ^m	10 ^h 21 ^m	13 ^h 29 ^m

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat											
T 1	3s 3	22s24	4s24	15s 6	2s43	8s43	0n42	3s21	0n41	14s26	0n53	16s48	1s21	21s40	0n 2	21s44	1n19	17s31	16s 0	21n44	21n52	1s24	1s31	4n59
W 2	3 26	19 11	4 50	15 33	2 48	9 12	0 40	3 37	0 41	14 30	0 53	16 49	1 21	21 41	0 2	21 44	1 19	17 31	16 0	21 43	21 52	1 21	1 32	4 59
T 3	3 50	15 12	5 3	15 58	2 54	9 41	0 38	3 53	0 40	14 34	0 53	16 50	1 21	21 41	0 2	21 44	1 19	17 32	16 0	21 42	21 51	1 18	1 33	4 59
F 4	4 13	10 40	5 2	16 21	2 59	10 10	0 36	4 9	0 40	14 38	0 53	16 50	1 21	21 41	0 2	21 45	1 19	17 32	16 0	21 40	21 51	1 15	1 34	4 58
S 5	4 36	5 45	4 48	16 43	3 4	10 39	0 33	4 25	0 39	14 42	0 53	16 51	1 20	21 42	0 2	21 45	1 19	17 32	16 0	21 45	21 50	1 12	1 36	4 58
S 6	4 59	0 39	4 22	17 4	3 8	11 7	0 31	4 40	0 39	14 45	0 53	16 51	1 20	21 42	0 2	21 45	1 19	17 33	16 0	21 45	21 50	1 9	1 37	4 58
M 7	5 22	4n30	3 44	17 22	3 11	11 35	0 29	4 56	0 38	14 49	0 53	16 51	1 20	21 42	0 2	21 45	1 19	17 33	16 0	21 45	21 49	1 6	1 38	4 58
T 8	5 45	9 30	2 57	17 38	3 15	12 3	0 26	5 12	0 38	14 53	0 53	16 52	1 20	21 43	0 2	21 45	1 19	17 33	16 0	21 45	21			

SWISS EPHEMERIS for the year 1816

NOVEMBER 1816

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Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
F 1	2 40 37	8♍28'39	23♋30	26°R47	2♊36	0♈42	18♌0	17°28	9♍40	20♌19	22°R17	6°R34	7♈41	10♉28	13°R27		
S 2	2 44 34	9°28'46	5♉21	26♊15	3°50	1°23	18°14	17°29	9°43	20°21	22♋16	6♈29	7°38	10°35	13♋26		
S 3	2 48 31	10°28'55	17°13	25°55	5° 4	2° 4	18°27	17°30	9°46	20°23	22°15	6°24	7°34	10°41	13°25		
M 4	2 52 27	11°29'06	29° 7	25°D46	6°19	2°44	18°40	17°32	9°50	20°25	22°15	6°20	7°31	10°48	13°24		
T 5	2 56 24	12°29'18	11♉6	25°49	7°33	3°25	18°53	17°33	9°53	20°27	22°14	6°17	7°28	10°55	13°23		
W 6	3 0 20	13°29'32	23°12	26° 2	8°47	4° 6	19° 6	17°34	9°56	20°29	22°13	6°15	7°25	11° 2	13°22		
T 7	3 4 17	14°29'48	5♈25	26°25	10° 2	4°46	19°20	17°36	10° 0	20°31	22°13	6°D15	7°22	11° 8	13°21		
F 8	3 8 13	15°30'06	17°48	26°58	11°16	5°27	19°33	17°38	10° 3	20°33	22°12	6°15	7°19	11°15	13°20		
S 9	3 12 10	16°30'26	0♉22	27°39	12°30	6° 8	19°46	17°40	10° 7	20°34	22°11	6°16	7°15	11°22	13°19		
S 10	3 16 6	17°30'48	13°10	28°28	13°45	6°49	19°59	17°41	10°10	20°36	22°11	6°18	7°12	11°28	13°18		
M 11	3 20 3	18°31'12	26°13	29°24	14°59	7°30	20°13	17°43	10°13	20°38	22°10	6°19	7° 9	11°35	13°17		
T 12	3 24 0	19°31'37	9♈35	0♈25	16°13	8°11	20°26	17°46	10°17	20°40	22°10	6°20	7° 6	11°42	13°16		
W 13	3 27 56	20°32'05	23°16	1°31	17°27	8°52	20°39	17°48	10°20	20°42	22° 9	6°R20	7° 3	11°48	13°16		
T 14	3 31 53	21°32'34	7♈17	2°42	18°42	9°33	20°52	17°50	10°24	20°44	22° 8	6°20	7° 0	11°55	13°15		
F 15	3 35 49	22°33'05	21°37	3°56	19°56	10°14	21° 6	17°52	10°27	20°47	22° 8	6°19	6°56	12° 2	13°14		
S 16	3 39 46	23°33'38	6♊14	5°14	21°10	10°55	21°19	17°55	10°31	20°49	22° 7	6°17	6°53	12° 9	13°14		
S 17	3 43 42	24°34'13	21° 3	6°34	22°24	11°36	21°32	17°57	10°35	20°51	22° 7	6°15	6°50	12°15	13°14		
M 18	3 47 39	25°34'49	5♈57	7°57	23°38	12°17	21°46	18° 0	10°38	20°53	22° 7	6°14	6°47	12°22	13°13		
T 19	3 51 35	26°35'28	20°48	9°21	24°53	12°59	21°59	18° 3	10°42	20°55	22° 6	6°13	6°44	12°29	13°13		
W 20	3 55 32	27°36'07	5♊27	10°47	26° 7	13°40	22°12	18° 6	10°45	20°57	22° 6	6°D13	6°40	12°35	13°13		
T 21	3 59 29	28°36'48	19°50	12°15	27°21	14°21	22°25	18° 9	10°49	20°59	22° 5	6°13	6°37	12°42	13°12		
F 22	4 3 25	29°37'31	3♉49	13°43	28°35	15° 3	22°39	18°12	10°53	21° 1	22° 5	6°14	6°34	12°49	13°12		
S 23	4 7 22	0♊38'15	17°24	15°13	29°49	15°44	22°52	18°15	10°56	21° 3	22° 5	6°14	6°31	12°55	13°12		
S 24	4 11 18	1°38'59	0♈35	16°43	1♉ 3	16°26	23° 5	18°18	11° 0	21° 5	22° 4	6°15	6°28	13° 2	13°D12		
M 25	4 15 15	2°39'45	13°21	18°14	2°18	17° 7	23°18	18°21	11° 3	21° 8	22° 4	6°15	6°25	13° 9	13°12		
T 26	4 19 11	3°40'32	25°48	19°46	3°32	17°49	23°31	18°25	11° 7	21°10	22° 4	6°15	6°21	13°16	13°12		
W 27	4 23 8	4°41'20	7♈59	21°18	4°46	18°30	23°45	18°28	11°11	21°12	22° 4	6°R15	6°18	13°22	13°12		
T 28	4 27 4	5°42'08	19°58	22°50	6° 0	19°12	23°58	18°32	11°14	21°14	22° 3	6°D15	6°15	13°29	13°13		
F 29	4 31 1	6°42'58	1♉51	24°22	7°14	19°53	24°11	18°36	11°18	21°16	22° 3	6°15	6°12	13°36	13°13		
S 30	4 34 58	7♊43'48	13♉42	25♈55	8♉28	20♈35	24♈24	18°39	11°22	21°19	22♋3	6♈16	6♈9	13♉42	13♋13		

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂						
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat					
F 1	14s21	7s10	4s59	9s20	1n 4	21s17	0s36	11s19	0n26	16s25	0n50	16s52	1s19	21s54	0n 1	21s49	1n18	17s38	15s55	21n26	21n37	0n10	2s 2	4n51
S 2	14 40	2 4	4 34	8 55	1 20	21 34	0 39	11 34	0 26	16 28	0 50	16 52	1 19	21 54	0 1	21 49	1 18	17 38	15 55	21 25	21 36	0 13	2 2	4 51
S 3	14 59	3n 7	3 57	8 35	1 33	21 50	0 41	11 49	0 25	16 32	0 50	16 51	1 19	21 55	0 1	21 49	1 18	17 39	15 55	21 24	21 36	0 16	2 3	4 51
M 4	15 18	8 13	3 10	8 21	1 45	22 6	0 44	12 3	0 25	16 36	0 50	16 51	1 19	21 55	0 1	21 49	1 18	17 39	15 54	21 23	21 35	0 19	2 4	4 50
T 5	15 36	13 3	2 14	8 12	1 54	22 21	0 46	12 17	0 24	16 39	0 50	16 50	1 19	21 56	0 1	21 50	1 18	17 39	15 54	21 23	21 35	0 22	2 4	4 50
W 6	15 54	17 26	1 11	8 10	2 2	22 36	0 49	12 32	0 23	16 43	0 50	16 50	1 19	21 56	0 1	21 50	1 18	17 39	15 54	21 22	21 34	0 25	2 5	4 50
T 7	16 12	21 9	0 5	8 12	2 9	22 49	0 51	12 46	0 23	16 47	0 50	16 49	1 19	21 57	0 1	21 50	1 18	17 39	15 54	21 22	21 34	0 28	2 6	4 49
F 8	16 30	23 57	1n 3	8 20	2 13	23 3	0 54	13 0	0 22	16 50	0 50	16 49	1 18	21 57	0 1	21 50	1 18	17 39	15 53	21 22	21 33	0 31	2 6	4 49
S 9	16 47	25 37	2 9	8 31	2 17	23 15	0 56	13 14	0 22	16 54	0 50	16 48	1 18	21 58	0 1	21 50	1 18	17 39	15 53	21 23	21 33	0 34	2 7	4 49
S 10	17 5	25 58	3 10	8 47	2 19	23 27	0 59	13 28	0 21	16 58	0 50	16 47	1 18	21 58	0 1	21 50	1 18	17 39	15 53	21 23	21 32	0 37	2 8	4 49
M 11	17 21	24 53	4 2	9 6	2 19	23 38	1 1	13 42	0 21	17 1	0 50	16 47	1 18	21 59	0 1	21 51	1 18	17 39	15 53	21 23	21 32	0 41	2 8	4 48
T 12	17 38	22 24	4 43	9 28	2 19	23 48	1 4	13 56	0 20	17 5	0 49	16 46	1 18	21 59	0 1	21 51	1 18	17 39	15 52	21 23	21 31	0 44	2 9	4 48
W 13	17 54	18 37	5 8	9 52	2 17	23 58	1 6	14 9	0 20	17 8	0 49	16 45	1 18	22 0	0 1	21 51	1 18	17 39	15 52	21 23	21 31	0 47	2 9	4 48
T 14	18 10	13 44	5 16	10 18	2 15	24 7	1 8	14 23	0 19	17 12	0 49	16 45	1 18	22 0	0 1	21 51	1 18	17 39	15 52	21 23	21 30	0 50	2 10	4 47
F 15	18 26	8 0	5 5	10 46	2 12	24 15	1 11	14 36	0 19	17 15	0 49	16 44	1 18	22 1	0 1	21 51	1 18	17 38	15 51	21 23	21 29	0 53	2 10	4 47
S 16	18 41	1 43	4 34	11 16	2 8	24 23	1 13	14 50	0 18	17 19	0 49	16 43	1 18	22 2	0 1	21 51	1 18	17 38	15 51	21 23	21 29	0 56	2 11	4 47
S 17	18 56	4s45	3 45	11 46	2 4	24 30	1 15	15 3	0 18	17 22	0 49	16 42	1 18	22 2	0 1	21 52	1 18	17 38	15 51	21 23	21 28	0 59	2 11	4 46
M 18	19 11	11 0	2 40	12 17	0 2	24 36	1 17	15 16	0 17	17 26	0 49	16 41	1 18	22 3	0 1	21 52	1 17	17 38	15 50	21 22	21 28	1 2	2 12	4 46
T 19	19 25	16 37	1 25	12 49	1 54	24 41	1 19	15 29	0 16	17 29	0 49	16 40	1 18	22 3	0 1	21 52	1 17	17 38	15 50	21 22	21 27	1 5	2 12	4 46
W 20	19 39	21 10	0 4	13 21	1 49	24 46	1 22	15 42	0 16	17 33	0 49	16 39	1 18	22 4	0 1	21 52	1 17	17 38	15 50	21 22	21 27	1 8	2 13	4 45
T 21	19 52	24 19	1s15	13 54	1 43	24 50	1 24	15 55	0 15	17 36	0 49	16 38	1 18	22 4	0 1	21 52	1 17	17 38	15 49	21 22	21 26	1 11	2 13	4 45
F 22	20 5	25 52	2 27	14 26	1 37	24 53	1 26	16 8	0 15	17 40	0 49	16 37	1 18	22 5	0 1	21 52	1 17	17 38	15 49	21 22	21 26	1 14	2 13	4 45
S 23	20 18	25 47	3 29	14 59	1 30	24 55	1 28	16 21																

SWISS EPHEMERIS for the year 1816

DECEMBER 1816

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Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	4 38 54	8 ^h 44'40"	25 ^h 34'	27 ^h 28'	9 ^h 42'	21 ^h 17'	24 ^h 37'	18 ^h 43'	11 ^h 25'	21 ^h 21'	22 ^h R 3	6 ^h 16'	6 ^h 11'	13 ^h 49'	13 ^h 13'
M 2	4 42 51	9 ^h 45'32"	7 ^h 38'	29 ^h 1'	10 ^h 56'	21 ^h 59'	24 ^h 50'	18 ^h 47'	11 ^h 29'	21 ^h 23'	22 ^h 3	6 ^h 16'	6 ^h 2'	13 ^h 56'	13 ^h 14'
T 3	4 46 47	10 ^h 46'25"	19 ^h 38'	0 ^h 134'	12 ^h 10'	22 ^h 40'	25 ^h 3'	18 ^h 51'	11 ^h 33'	21 ^h 25'	22 ^h 3	6 ^h 17'	5 ^h 59'	14 ^h 2'	13 ^h 14'
W 4	4 50 44	11 ^h 47'20"	1 ^h 55'	2 ^h 7'	13 ^h 24'	23 ^h 22'	25 ^h 16'	18 ^h 55'	11 ^h 36'	21 ^h 28'	22 ^h 3	6 ^h R17'	5 ^h 56'	14 ^h 9'	13 ^h 15'
T 5	4 54 40	12 ^h 48'15"	14 ^h 23'	3 ^h 40'	14 ^h 38'	24 ^h 4'	25 ^h 29'	18 ^h 59'	11 ^h 40'	21 ^h 30'	22 ^h 3	6 ^h 17'	5 ^h 53'	14 ^h 16'	13 ^h 16'
F 6	4 58 37	13 ^h 49'11"	27 ^h 5'	5 ^h 14'	15 ^h 51'	24 ^h 46'	25 ^h 42'	19 ^h 4'	11 ^h 44'	21 ^h 32'	22 ^h D 3	6 ^h 16'	5 ^h 50'	14 ^h 22'	13 ^h 16'
S 7	5 2 34	14 ^h 50'09"	10 ^h 1'	6 ^h 47'	17 ^h 5'	25 ^h 28'	25 ^h 55'	19 ^h 8'	11 ^h 47'	21 ^h 34'	22 ^h 3	6 ^h 15'	5 ^h 46'	14 ^h 29'	13 ^h 17'
S 8	5 6 30	15 ^h 51'07"	23 ^h 10'	8 ^h 21'	18 ^h 19'	26 ^h 10'	26 ^h 8'	19 ^h 12'	11 ^h 51'	21 ^h 37'	22 ^h 3	6 ^h 14'	5 ^h 43'	14 ^h 36'	13 ^h 18'
M 9	5 10 27	16 ^h 52'06"	6 ^h 32'	9 ^h 54'	19 ^h 33'	26 ^h 52'	26 ^h 21'	19 ^h 17'	11 ^h 55'	21 ^h 39'	22 ^h 3	6 ^h 13'	5 ^h 40'	14 ^h 43'	13 ^h 19'
T 10	5 14 23	17 ^h 53'07"	20 ^h 7'	11 ^h 28'	20 ^h 47'	27 ^h 34'	26 ^h 34'	19 ^h 21'	11 ^h 59'	21 ^h 41'	22 ^h 3	6 ^h 11'	5 ^h 37'	14 ^h 49'	13 ^h 19'
W 11	5 18 20	18 ^h 54'08"	3 ^h 54'	13 ^h 1'	22 ^h 0'	28 ^h 16'	26 ^h 47'	19 ^h 26'	12 ^h 2'	21 ^h 43'	22 ^h 3	6 ^h 10'	5 ^h 34'	14 ^h 56'	13 ^h 20'
T 12	5 22 16	19 ^h 55'11"	17 ^h 52'	14 ^h 35'	23 ^h 14'	28 ^h 58'	27 ^h 0'	19 ^h 31'	12 ^h 6'	21 ^h 46'	22 ^h 3	6 ^h D10'	5 ^h 31'	15 ^h 3'	13 ^h 21'
F 13	5 26 13	20 ^h 56'14"	2 ^h 0'	16 ^h 9'	24 ^h 28'	29 ^h 41'	27 ^h 12'	19 ^h 36'	12 ^h 9'	21 ^h 48'	22 ^h 3	6 ^h 10'	5 ^h 27'	15 ^h 9'	13 ^h 22'
S 14	5 30 9	21 ^h 57'18"	16 ^h 17'	17 ^h 43'	25 ^h 41'	0 ^h 23'	27 ^h 25'	19 ^h 41'	12 ^h 13'	21 ^h 50'	22 ^h 3	6 ^h 11'	5 ^h 24'	15 ^h 16'	13 ^h 24'
S 15	5 34 6	22 ^h 58'24"	0 ^h 39'	19 ^h 17'	26 ^h 55'	1 ^h 5'	27 ^h 38'	19 ^h 45'	12 ^h 17'	21 ^h 52'	22 ^h 4	6 ^h 12'	5 ^h 21'	15 ^h 23'	13 ^h 25'
M 16	5 38 3	23 ^h 59'30"	15 ^h 4'	20 ^h 51'	28 ^h 9'	1 ^h 47'	27 ^h 50'	19 ^h 50'	12 ^h 20'	21 ^h 55'	22 ^h 4	6 ^h 14'	5 ^h 18'	15 ^h 29'	13 ^h 26'
T 17	5 41 59	25 ^h 0'37"	29 ^h 27'	22 ^h 26'	29 ^h 22'	2 ^h 30'	28 ^h 3'	19 ^h 56'	12 ^h 24'	21 ^h 57'	22 ^h 4	6 ^h R14'	5 ^h 15'	15 ^h 36'	13 ^h 27'
W 18	5 45 56	26 ^h 1'45"	13 ^h 44'	24 ^h 0'	0 ^h 36'	3 ^h 12'	28 ^h 16'	20 ^h 1'	12 ^h 28'	21 ^h 59'	22 ^h 4	6 ^h 14'	5 ^h 12'	15 ^h 43'	13 ^h 29'
T 19	5 49 52	27 ^h 2'54"	27 ^h 50'	25 ^h 35'	1 ^h 49'	3 ^h 55'	28 ^h 28'	20 ^h 6'	12 ^h 31'	22 ^h 2'	22 ^h 5	6 ^h 13'	5 ^h 8'	15 ^h 49'	13 ^h 30'
F 20	5 53 49	28 ^h 4'03"	11 ^h 39'	27 ^h 10'	3 ^h 3'	4 ^h 37'	28 ^h 40'	20 ^h 11'	12 ^h 35'	22 ^h 4'	22 ^h 5	6 ^h 11'	5 ^h 5'	15 ^h 56'	13 ^h 31'
S 21	5 57 45	29 ^h 5'12"	25 ^h 10'	28 ^h 45'	4 ^h 16'	5 ^h 20'	28 ^h 53'	20 ^h 17'	12 ^h 38'	22 ^h 6'	22 ^h 5	6 ^h 8'	5 ^h 2'	16 ^h 3'	13 ^h 33'
S 22	6 1 42	0 ^h 6'22"	8 ^h 20'	0 ^h 20'	5 ^h 29'	6 ^h 2'	29 ^h 5'	20 ^h 22'	12 ^h 42'	22 ^h 8'	22 ^h 6	6 ^h 4'	4 ^h 59'	16 ^h 10'	13 ^h 34'
M 23	6 5 38	1 ^h 7'32"	21 ^h 9'	1 ^h 56'	6 ^h 43'	6 ^h 45'	29 ^h 18'	20 ^h 28'	12 ^h 45'	22 ^h 11'	22 ^h 6	6 ^h 0'	4 ^h 56'	16 ^h 16'	13 ^h 36'
T 24	6 9 35	2 ^h 8'42"	3 ^h 39'	3 ^h 32'	7 ^h 56'	7 ^h 57'	29 ^h 30'	20 ^h 33'	12 ^h 49'	22 ^h 13'	22 ^h 6	5 ^h 56'	4 ^h 52'	16 ^h 23'	13 ^h 38'
W 25	6 13 32	3 ^h 9'51"	15 ^h 52'	5 ^h 8'	9 ^h 9'	8 ^h 10'	29 ^h 42'	20 ^h 39'	12 ^h 52'	22 ^h 15'	22 ^h 7	5 ^h 54'	4 ^h 49'	16 ^h 30'	13 ^h 39'
T 26	6 17 28	4 ^h 11'01"	27 ^h 53'	6 ^h 44'	10 ^h 23'	8 ^h 53'	29 ^h 54'	20 ^h 44'	12 ^h 56'	22 ^h 17'	22 ^h 7	5 ^h 52'	4 ^h 46'	16 ^h 36'	13 ^h 41'
F 27	6 21 25	5 ^h 12'11"	9 ^h 46'	8 ^h 21'	11 ^h 36'	9 ^h 36'	0 ^h 6'	20 ^h 50'	12 ^h 59'	22 ^h 19'	22 ^h 8	5 ^h D52'	4 ^h 43'	16 ^h 43'	13 ^h 43'
S 28	6 25 21	6 ^h 13'20"	21 ^h 37'	9 ^h 57'	12 ^h 49'	10 ^h 18'	0 ^h 18'	20 ^h 56'	13 ^h 3'	22 ^h 22'	22 ^h 8	5 ^h 53'	4 ^h 40'	16 ^h 50'	13 ^h 45'
S 29	6 29 18	7 ^h 14'30"	3 ^h 29'	11 ^h 35'	14 ^h 2'	11 ^h 1'	0 ^h 30'	21 ^h 2'	13 ^h 6'	22 ^h 24'	22 ^h 9	5 ^h 55'	4 ^h 37'	16 ^h 56'	13 ^h 47'
M 30	6 33 14	8 ^h 15'39"	15 ^h 28'	13 ^h 12'	15 ^h 15'	11 ^h 44'	0 ^h 42'	21 ^h 8'	13 ^h 10'	22 ^h 26'	22 ^h 9	5 ^h 57'	4 ^h 33'	17 ^h 3'	13 ^h 49'
T 31	6 37 11	9 ^h 16'49"	27 ^h 39'	14 ^h 50'	16 ^h 28'	12 ^h 27'	0 ^h 54'	21 ^h 14'	13 ^h 13'	22 ^h 28'	22 ^h 10	5 ^h 58'	4 ^h 30'	17 ^h 10'	13 ^h 51'

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	21s47	6n41	3s27	19s 3	0n35	24s47	1s41	17s57	0n 9	18s 9	0n49	16s27	1s17	22s 9	0n 1	21s54	1n17	17s36	15s46	21n23	21n21	1n42	2s16	4n42
M 2	21 56	11 38	2 33	19 30	0 28	24 43	1 43	18 8	0 9	18 13	0 49	16 26	1 17	22 10	0 1	21 54	1 17	17 36	15 46	21 23	21 20	1 45	2 16	4 41
T 3	22 5 16	12 12	1 31	19 57	0 21	24 38	1 44	18 20	0 8	18 16	0 49	16 25	1 17	22 10	0 1	21 54	1 17	17 35	15 46	21 23	21 20	1 48	2 16	4 41
W 4	22 13 20	10 12	0 24	20 23	0 14	24 32	1 45	18 31	0 8	18 19	0 49	16 23	1 17	22 11	0 1	21 54	1 17	17 35	15 45	21 23	21 19	1 51	2 16	4 41
T 5	22 21 23	18 04	0 45	20 48	0 7	24 25	1 46	18 42	0 7	18 22	0 48	16 22	1 17	22 11	0 1	21 54	1 17	17 35	15 45	21 23	21 19	1 54	2 16	4 40
F 6	22 29 25	19 1 53	21 12	0s 0	24 18	1 48	18 52	0 6	18 25	0 48	16 20	1 17	22 12	0 1	21 55	1 17	17 34	15 45	21 23	21 18	1 57	2 16	4 40	
S 7	22 36 26	1 2 56	21 35	0 7	24 10	1 49	19 3	0 6	18 28	0 48	16 19	1 17	22 12	0 1	21 55	1 17	17 34	15 44	21 23	21 17	2 1	2 16	4 40	
S 8	22 43 25	17 3 52	21 57	0 14	24 1	1 50	19 14	0 5	18 31	0 48	16 18	1 17	22 13	0 1	21 55	1 17	17 34	15 44	21 22	21 17	2 4	2 16	4 39	
M 9	22 49 23	6 4 35	22 18	0 21	23 52	1 51	19 24	0 5	18 34	0 48	16 16	1 17	22 13	0 1	21 55	1 17	17 33	15 44	21 22	21 16	2 7	2 16	4 39	
T 10	22 55 19	36 5 4	22 38	0 27	23 42	1 51	19 34	0 4	18 37	0 48	16 15	1 17	22 14	0 1	21 55	1 17	17 33	15 43	21 22	21 16	2 10	2 16	4 39	
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