

SWISS EPHEMERIS for the year 1815

JANUARY 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	6 39 5	9°36'14	19°15	22°40	11°37	28°18	9°17	0°27	4°51	18°16	19°52	13°4	13°10	25°40	6°4
M 2	6 43 2	10°47'24	3°3	24° 7	12°22	28°59	9°22	0°33	4°54	18°19	19°53	13° 4	13° 6	25°47	6° 7
T 3	6 46 59	11°48'33	16°26	25°35	13°37	29°40	9°26	0°40	4°58	18°21	19°53	13°R 4	13° 3	25°54	6° 9
W 4	6 50 55	12°49'43	29°28	27° 4	14°53	0°20	9°30	0°47	5° 1	18°23	19°54	13°D 4	13° 0	26° 0	6°12
T 5	6 54 52	13°50'53	12°9	28°33	16° 8	1° 1	9°34	0°54	5° 4	18°25	19°55	13° 4	12°57	26° 7	6°15
F 6	6 58 48	14°52'03	24°35	0°3	17°24	1°42	9°38	1° 1	5° 7	18°27	19°55	13° 4	12°54	26°14	6°17
S 7	7 2 45	15°53'13	6°48	1°32	18°39	2°23	9°41	1° 8	5°10	18°29	19°56	13° 4	12°51	26°20	6°20
S 8	7 6 41	16°54'23	18°51	3° 3	19°55	3° 4	9°44	1°15	5°13	18°31	19°57	13° 5	12°47	26°27	6°23
M 9	7 10 38	17°55'33	0°36	4°33	21°10	3°44	9°48	1°22	5°16	18°33	19°58	13° 5	12°44	26°34	6°26
T 10	7 14 34	18°56'43	12°37	6° 5	22°26	4°25	9°50	1°29	5°19	18°35	19°59	13°R 5	12°41	26°40	6°29
W 11	7 18 31	19°57'52	24°25	7°37	23°41	5° 6	9°53	1°36	5°22	18°37	20° 0	13° 5	12°38	26°47	6°32
T 12	7 22 28	20°59'01	6°12	9° 9	24°57	5°47	9°56	1°43	5°25	18°39	20° 0	13° 4	12°35	26°54	6°35
F 13	7 26 24	22° 0'10	18° 1	10°42	26°12	6°28	9°58	1°50	5°27	18°41	20° 1	13° 3	12°31	27° 0	6°38
S 14	7 30 21	23° 1'18	29°54	12°16	27°28	7° 9	10° 1	1°57	5°30	18°43	20° 2	13° 2	12°28	27° 7	6°41
S 15	7 34 17	24° 2'25	11°54	13°49	28°43	7°50	10° 3	2° 4	5°33	18°45	20° 3	13° 0	12°25	27°13	6°44
M 16	7 38 14	25° 3'31	24° 3	15°24	29°58	8°31	10° 4	2°12	5°36	18°47	20° 4	12°59	12°22	27°20	6°47
T 17	7 42 10	26° 4'37	6°25	16°59	1°14	9°12	10° 6	2°19	5°38	18°49	20° 5	12°57	12°19	27°27	6°50
W 18	7 46 7	27° 5'42	19°2	18°34	2°29	9°53	10° 8	2°26	5°41	18°51	20° 6	12°56	12°16	27°33	6°53
T 19	7 50 3	28° 6'46	2°2	20°10	3°45	10°34	10° 9	2°33	5°44	18°53	20° 7	12°D56	12°12	27°40	6°56
F 20	7 54 0	29° 7'48	15°24	21°47	5° 0	11°15	10°10	2°40	5°46	18°55	20° 8	12°57	12° 9	27°47	7° 0
S 21	7 57 57	0°8'50	29°12	23°24	6°15	11°56	10°11	2°47	5°49	18°56	20° 9	12°58	12° 6	27°53	7° 3
S 22	8 1 53	1° 9'51	13°26	25° 2	7°31	12°37	10°12	2°54	5°51	18°58	20°10	12°59	12° 3	28° 0	7° 6
M 23	8 5 50	2°10'51	28° 5	26°40	8°46	13°18	10°12	3° 2	5°54	19° 0	20°12	13° 1	12° 0	28° 7	7°10
T 24	8 9 46	3°11'50	13°5	28°19	10° 1	13°59	10°13	3° 9	5°56	19° 2	20°13	13°R 1	11°57	28°13	7°13
W 25	8 13 43	4°12'48	28°17	29°59	11°17	14°41	10°R13	3°16	5°59	19° 3	20°14	13° 0	11°53	28°20	7°16
T 26	8 17 39	5°13'46	13°32	1°39	12°32	15°22	10°13	3°23	6° 1	19° 5	20°15	12°59	11°50	28°27	7°20
F 27	8 21 36	6°14'42	28°41	3°20	13°47	16° 3	10°12	3°30	6° 3	19° 7	20°16	12°56	11°47	28°33	7°23
S 28	8 25 32	7°15'37	13°34	5° 1	15° 2	16°44	10°12	3°37	6° 5	19° 9	20°17	12°53	11°44	28°40	7°27
S 29	8 29 29	8°16'31	28° 3	6°44	16°18	17°26	10°11	3°44	6° 8	19°10	20°18	12°49	11°41	28°47	7°30
M 30	8 33 26	9°17'25	12°5	8°27	17°33	18° 7	10°11	3°52	6°10	19°12	20°20	12°46	11°37	28°53	7°34
T 31	8 37 22	10°18'18	25°38	10°10	18°48	18°48	10°10	3°59	6°12	19°13	20°21	12°44	11°34	29° 0	7°37

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	23s 6	8n43	4n51	23s 6	0n 9	23s40	0s41	19s29	0n20	2s28	1n19	20s29	0s25	21s 0	0n 8
M 2	23 1	3 35	5 13	23 18	0 2	23 36	0 43	19 38	0 19	2 30	1 19	20 27	0 25	21 1	0 8
T 3	22 56	1s35	5 18	23 29	0s 6	23 30	0 45	19 48	0 18	2 31	1 20	20 26	0 25	21 1	0 8
W 4	22 51	6 32	5 5	23 39	0 13	23 24	0 47	19 57	0 18	2 33	1 20	20 24	0 25	21 2	0 8
T 5	22 44	11 5	4 38	23 48	0 20	23 18	0 49	20 6	0 17	2 34	1 20	20 23	0 25	21 2	0 8
F 6	22 38	15 5	3 58	23 55	0 27	23 10	0 51	20 15	0 17	2 35	1 20	20 21	0 25	21 3	0 8
S 7	22 31	18 22	3 9	24 1	0 34	23 2	0 53	20 24	0 16	2 36	1 21	20 20	0 25	21 3	0 8
S 8	22 24	20 49	2 11	24 6	0 41	22 53	0 55	20 32	0 15	2 37	1 21	20 18	0 25	21 4	0 8
M 9	22 16	22 20	1 8	24 10	0 47	22 43	0 56	20 41	0 15	2 38	1 21	20 17	0 25	21 4	0 8
T 10	22 7	22 49	0 3	24 13	0 54	22 33	0 58	20 49	0 14	2 39	1 22	20 16	0 25	21 5	0 8
W 11	21 59	22 17	1s 3	24 14	1 0	22 22	1 0	20 57	0 13	2 40	1 22	20 14	0 25	21 6	0 8
T 12	21 49	20 45	2 5	24 14	1 5	22 11	1 2	21 5	0 13	2 41	1 22	20 12	0 25	21 6	0 8
F 13	21 40	18 20	3 2	24 13	1 11	21 58	1 3	21 13	0 12	2 42	1 22	20 11	0 25	21 7	0 8
S 14	21 30	15 8	3 52	24 10	1 16	21 45	1 5	21 20	0 11	2 42	1 23	20 9	0 25	21 7	0 8
S 15	21 19	11 17	4 32	24 6	1 22	21 32	1 7	21 28	0 11	2 43	1 23	20 8	0 26	21 8	0 8
M 16	21 9	6 57	5 0	24 0	1 27	21 17	1 8	21 35	0 10	2 43	1 23	20 6	0 26	21 8	0 8
T 17	20 57	2 16	5 15	23 54	1 31	21 2	1 10	21 42	0 9	2 44	1 23	20 5	0 26	21 8	0 8
W 18	20 46	2n36	5 15	23 45	1 36	20 47	1 11	21 49	0 9	2 44	1 24	20 3	0 26	21 9	0 8
T 19	20 34	7 30	5 0	23 36	1 40	20 31	1 13	21 55	0 8	2 44	1 24	20 2	0 26	21 9	0 8
F 20	20 21	12 12	4 28	23 24	1 44	20 14	1 14	22 2	0 7	2 44	1 24	20 0	0 26	21 10	0 8
S 21	20 8	16 26	3 39	23 12	1 47	19 56	1 15	22 8	0 6	2 44	1 24	19 59	0 26	21 10	0 8
S 22	19 55	19 51	2 37	22 58	1 51	19 39	1 16	22 14	0 6	2 45	1 25	19 57	0 26	21 11	0 8
M 23	19 42	22 5	1 22	22 42	1 54	19 20	1 18	22 20	0 5	2 44	1 25	19 55	0 26	21 11	0 8
T 24	19 28	22 49	0n 0	22 25	1 56	19 1	1 19	22 26	0 4	2 44	1 25	19 54	0 26	21 12	0 8
W 25	19 13	21 53	1 23	22 6	1 59	18 41	1 20	22 31	0 3	2 44	1 26	19 52	0 26	21 12	0 8
T 26	18 59	19 20	2 41	21 46	2 1	18 21	1 21	22 37	0 3	2 44	1 26	19 51	0 26	21 12	0 8
F 27	18 44	15 28	3 46	21 25	2 2	18 1	1 22	22 42	0 2	2 44	1 26	19 49	0 26	21 13	0 8
S 28	18 28	10 41	4 35	21 1	2 3	17 39	1 23	22 47	0 1	2 43	1 26	19 47	0 26	21 13	0 8
S 29	18 13	5 25	5 4	20 37	2 4	17 18	1 23	22 52	0 0	2 43	1 27	19 46	0 27	21 14	0 8
M 30	17 57	0 3	5 15	20 11	2 5	16 56	1 24	22 56	0s 0	2 42	1 27	19 44	0 27	21 14	0 8
T 31	17s41	5s 9	5n 7	19s43	2s 5	16s33	1s25	23s 1	0s 1	2s42	1n27	19s43	0s27	21s14	0n 8

Julian Day Number = 2383974.5, Delta T = 12.14 sec  
 Ecliptic obliquity = 23°27'46, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 22°09'26, Lahiri = 21°16'26

SWISS EPHEMERIS for the year 1815

FEBRUARY 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	8 41 19	11 <sup>h</sup> 19'10"	8 <sup>m</sup> 44"	11 <sup>h</sup> 55'	20 <sup>h</sup> 33'	19 <sup>h</sup> 30'	10°R 9	4 <sup>h</sup> 6'	6 <sup>h</sup> 14'	19 <sup>h</sup> 15'	20 <sup>h</sup> 22'	12°D43	11 <sup>h</sup> 31'	29 <sup>h</sup> 7'	7 <sup>h</sup> 41'
T 2	8 45 15	12°20'01"	21°25'	13°40'	21°19'	20°11'	10 <sup>h</sup> 7'	4°13'	6°16'	19°17'	20°23'	12 <sup>h</sup> 43'	11°28'	29°13'	7°44'
F 3	8 49 12	13°20'52"	3 <sup>m</sup> 46"	15°25'	22°34'	20°52'	10° 6'	4°20'	6°18'	19°18'	20°25'	12°44'	11°25'	29°20'	7°48'
S 4	8 53 8	14°21'41"	15°53'	17°12'	23°49'	21°34'	10° 4'	4°27'	6°20'	19°20'	20°26'	12°46'	11°22'	29°26'	7°52'
S 5	8 57 5	15°22'30"	27°48'	18°59'	25° 4'	22°15'	10° 2'	4°34'	6°22'	19°21'	20°27'	12°48'	11°18'	29°33'	7°55'
M 6	9 1 1	16°23'17"	9 <sup>m</sup> 37"	20°46'	26°19'	22°57'	10° 0'	4°41'	6°24'	19°22'	20°29'	12°R49	11°15'	29°40'	7°59'
T 7	9 4 58	17°24'04"	21°24'	22°35'	27°34'	23°38'	9°58'	4°48'	6°25'	19°24'	20°30'	12°49'	11°12'	29°46'	8° 3'
W 8	9 8 55	18°24'49"	3 <sup>m</sup> 11"	24°23'	28°50'	24°20'	9°55'	4°55'	6°27'	19°25'	20°31'	12°47'	11° 9'	29°53'	8° 6'
T 9	9 12 51	19°25'33"	15° 0'	26°12'	0 <sup>h</sup> 5'	25° 1'	9°52'	5° 2'	6°29'	19°27'	20°33'	12°43'	11° 6'	29°59'	8°10'
F 10	9 16 48	20°26'16"	26°55'	28° 2'	1°20'	25°43'	9°50'	5° 9'	6°30'	19°28'	20°34'	12°37'	11° 3'	0 <sup>h</sup> 6'	8°14'
S 11	9 20 44	21°26'57"	8 <sup>m</sup> 57"	29°51'	2°35'	26°24'	9°46'	5°16'	6°32'	19°29'	20°35'	12°30'	10°59'	0°13'	8°18'
S 12	9 24 41	22°27'36"	21° 7'	1 <sup>h</sup> 41'	3°50'	27° 6'	9°43'	5°23'	6°34'	19°31'	20°37'	12°22'	10°56'	0°20'	8°22'
M13	9 28 37	23°28'14"	3 <sup>m</sup> 26"	3°31'	5° 5'	27°47'	9°40'	5°30'	6°35'	19°32'	20°38'	12°14'	10°53'	0°26'	8°25'
T 14	9 32 34	24°28'51"	15°56'	5°20'	6°20'	28°29'	9°36'	5°37'	6°37'	19°33'	20°40'	12° 8'	10°50'	0°33'	8°29'
W15	9 36 30	25°29'26"	28°40'	7° 8'	7°35'	29°10'	9°33'	5°44'	6°38'	19°34'	20°41'	12° 2'	10°47'	0°40'	8°33'
T 16	9 40 27	26°29'59"	11 <sup>h</sup> 39'	8°56'	8°50'	29°52'	9°29'	5°51'	6°39'	19°35'	20°42'	11°59'	10°43'	0°46'	8°37'
F 17	9 44 24	27°30'30"	24°55'	10°43'	10° 5'	0 <sup>h</sup> 34'	9°25'	5°58'	6°41'	19°37'	20°44'	11°D58	10°40'	0°53'	8°41'
S 18	9 48 20	28°30'59"	8 <sup>m</sup> 32"	12°27'	11°20'	1°15'	9°20'	6° 4'	6°42'	19°38'	20°45'	11°58'	10°37'	1° 0'	8°44'
S 19	9 52 17	29°31'27"	22°30'	14°10'	12°35'	1°57'	9°16'	6°11'	6°43'	19°39'	20°47'	12° 0'	10°34'	1° 6'	8°48'
M20	9 56 13	0 <sup>h</sup> 31'52"	6 <sup>m</sup> 51"	15°51'	13°50'	2°39'	9°11'	6°18'	6°44'	19°40'	20°48'	12°R 1	10°31'	1°13'	8°52'
T 21	10 0 10	1°32'16"	21°31'	17°29'	15° 5'	3°20'	9° 7'	6°25'	6°45'	19°41'	20°50'	12° 0'	10°28'	1°20'	8°56'
W22	10 4 6	2°32'38"	6 <sup>m</sup> 27"	19° 3'	16°19'	4° 2'	9° 2'	6°31'	6°46'	19°42'	20°51'	11°58'	10°24'	1°26'	9° 0'
T 23	10 8 3	3°32'58"	21°31'	20°32'	17°34'	4°44'	8°57'	6°38'	6°47'	19°43'	20°53'	11°53'	10°21'	1°33'	9° 4'
F 24	10 11 59	4°33'16"	6 <sup>m</sup> 36"	21°58'	18°49'	5°26'	8°51'	6°45'	6°48'	19°44'	20°54'	11°47'	10°18'	1°40'	9° 8'
S 25	10 15 56	5°33'32"	21°30'	23°18'	20° 4'	6° 7'	8°46'	6°51'	6°49'	19°44'	20°56'	11°38'	10°15'	1°46'	9°12'
S 26	10 19 53	6°33'47"	6 <sup>m</sup> 6"	24°31'	21°19'	6°49'	8°41'	6°58'	6°50'	19°45'	20°57'	11°29'	10°12'	1°53'	9°15'
M27	10 23 49	7°34'00"	20°16'	25°39'	22°33'	7°31'	8°35'	7° 4'	6°51'	19°46'	20°59'	11°21'	10° 8'	2° 0'	9°19'
T 28	10 27 46	8 <sup>m</sup> 34'11"	3 <sup>m</sup> 58"	26 <sup>h</sup> 39'	23 <sup>h</sup> 48'	8 <sup>h</sup> 13'	8 <sup>h</sup> 29'	7 <sup>h</sup> 11'	6 <sup>h</sup> 51'	19 <sup>h</sup> 47'	21 <sup>h</sup> 0'	11 <sup>h</sup> 14'	10 <sup>h</sup> 5'	2 <sup>h</sup> 6'	9 <sup>h</sup> 23'

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁		
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	
W 1	17s24	9s57	4n43	19s13	2s 4	16s10	1s26	23s 5	0s 2	2s41	1n27	19s41	0s27	21s15	0n 8	21s39	1n23	17s43	15s10	22n51	22n58	21s53	4s 1
T 2	17 7 14 11	4 6	18 43	2 3	15 46	1 26	23 9	0 3	2 40	1 28	19 39	0 27	21 15	0 8	21 39	1 23	17 42	15 10	22 51	22 58	21 52	4 0	
F 3	16 50 17 41	3 18	18 10	2 2	15 22	1 27	23 12	0 4	2 39	1 28	19 38	0 27	21 15	0 8	21 39	1 23	17 42	15 10	22 51	22 58	21 52	3 59	
S 4	16 32 20 21	2 22	17 36	2 2	14 58	1 27	23 16	0 4	2 38	1 28	19 36	0 27	21 16	0 8	21 39	1 23	17 41	15 10	22 51	22 59	21 51	3 58	
S 5	16 14 22 5	1 21	17 1	1 58	14 33	1 28	23 19	0 5	2 37	1 28	19 35	0 27	21 16	0 8	21 39	1 23	17 40	15 9	22 51	22 59	21 51	3 57	
M 6	15 56 22 49	0 18	16 24	1 55	14 8	1 28	23 22	0 6	2 36	1 29	19 33	0 27	21 16	0 8	21 40	1 23	17 40	15 9	22 51	22 59	21 50	3 55	
T 7	15 38 22 32	0s47	15 45	1 51	13 42	1 28	23 25	0 7	2 35	1 29	19 31	0 27	21 17	0 8	21 40	1 23	17 39	15 9	22 51	22 59	21 49	3 54	
W 8	15 19 21 14	1 49	15 6	1 47	13 16	1 28	23 28	0 8	2 34	1 29	19 30	0 27	21 17	0 8	21 40	1 23	17 38	15 9	22 51	23 0	21 49	3 53	
T 9	15 1 19 0	2 47	14 24	1 43	12 50	1 28	23 31	0 8	2 33	1 29	19 28	0 27	21 17	0 8	21 40	1 23	17 38	15 9	22 51	23 0	21 48	3 52	
F 10	14 41 15 57	3 37	13 42	1 38	12 23	1 29	23 33	0 9	2 31	1 30	19 27	0 27	21 18	0 8	21 40	1 23	17 37	15 9	22 52	23 0	21 48	3 50	
S 11	14 22 12 13	4 19	12 58	1 32	11 56	1 29	23 35	0 10	2 30	1 30	19 25	0 28	21 18	0 8	21 40	1 23	17 36	15 8	22 53	23 0	21 47	3 49	
S 12	14 2 7 57	4 49	12 13	1 25	11 29	1 28	23 37	0 11	2 28	1 30	19 23	0 28	21 18	0 8	21 40	1 23	17 36	15 8	22 53	23 1	21 46	3 48	
M13	13 43 3 19	5 6	11 27	1 18	11 2	1 28	23 38	0 12	2 27	1 30	19 22	0 28	21 18	0 8	21 40	1 23	17 35	15 8	22 54	23 1	21 46	3 47	
T 14	13 22 1n32	5 9	10 39	1 10	10 34	1 28	23 40	0 13	2 25	1 31	19 20	0 28	21 19	0 8	21 40	1 23	17 34	15 8	22 55	23 1	21 45	3 45	
W15	13 2 6 23	4 57	9 51	1 2	10 5	1 28	23 41	0 14	2 23	1 31	19 18	0 28	21 19	0 8	21 40	1 23	17 34	15 8	22 55	23 2	21 44	3 44	
T 16	12 42 11 4	4 29	9 3	0 53	9 37	1 28	23 42	0 14	2 22	1 31	19 17	0 28	21 19	0 8	21 40	1 23	17 33	15 8	22 55	23 2	21 44	3 43	
F 17	12 21 15 21	3 47	8 13	0 43	9 8	1 27	23 43	0 15	2 20	1 31	19 15	0 28	21 19	0 8	21 40	1 23	17 32	15 8	22 55	23 2	21 43	3 41	
S 18	12 0 18 56	2 51	7 23	0 32	8 39	1 27	23 44	0 16	2 18	1 32	19 14	0 28	21 20	0 8	21 40	1 23	17 32	15 8	22 55	23 2	21 43	3 40	
S 19	11 39 21 32	1 43	6 34	0 21	8 10	1 26	23 44	0 17	2 16	1 32	19 12	0 28	21 20	0 8	21 40	1 23	17 31	15 7	22 55	23 3	21 42	3 39	
M20	11 18 22 49	0 28	5 44	0 9	7 41	1 26	23 44	0 18	2 14	1 32	19 10	0 28	21 20	0 8	21 40	1 23	17 30	15 7	22 55	23 3	21 41	3 37	
T 21	10 56 22 35	0n51	4 54	0n 3	7 11	1 25	23 44	0 19	2 12	1 32	19 9	0 28	21 20	0 8	21 40	1 23	17 29	15 7	22 55	23 3	21 41	3 36	
W22	10 35 20 45	2 8	4 6	0 16	6 42	1 24	23 44	0 20	2 10	1 32	19 7	0 28	21 20	0 8	21 40	1 24	17 29	15 7	22 55	23 3	21 40	3 35	
T 23	10 13 17 26	3 16	3 18	0 29	6 12	1 23	23 43	0 21	2 8	1 33	19 6	0 29	21 20	0 8	21 40	1 24	17 28	15 7	22 56	23 4	21 39	3 33	
F 24	9 51 12 59	4 11	2 32	0 43	5 42	1 22	23 43	0 22	2 5	1 33	19 4	0 29	21 21	0 7	21 41	1 24	17 27	15 7	22 56	23 4	21 38	3 32	
S 25	9 29 7 46	4 48	1 47	0 58	5 11	1 22	23 42	0 23	2 3	1 33	19 3	0 29	21 21	0 7	21 41	1 24	17 27	15 7	22 57	23 4	21 38	3 31	
S 26	9 7 2 14	5 5	1 5	1 12	4 41	1 21	23 41	0 24	2 1	1 33	19 1	0 29	21 21	0 7	21 41	1 24	17 26	15 7	22 58	23 4	21 37	3 29	
M27	8 44 3s15	5 2	0 25	1 26	4 11	1 20	23 40	0 25	1 58	1 33	18 59	0 29	21 21	0 7	21 41	1 24	17 25	15 7	22 59	23 5	21 36	3 28	
T 28	8s22	8s25	4n43	0n13	1n41	3s40	1s18	23s38	0s26	1s56	1n34	18s58	0s29	21s21	0n 7	21s41	1n24	17s25	15s 7	22n59	23n 5	21s36	3s26

Julian Day Number = 2384005.5, Delta T = 12.15 sec  
 Ecliptic obliquity = 23°27'46", Nutation = - 0°00'16"  
 Ayanamsha: Fagan/Bradley = 22°09'30", Lahiri = 21°16'30"

SWISS EPHEMERIS for the year 1815

MARCH 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁	
W 1	10 31 42	9 <sup>h</sup> 34'21"	17 <sup>m</sup> 11"	27 <sup>°</sup> 32'	25 <sup>h</sup> 3	8 <sup>°</sup> 55'	8 <sup>°</sup> R23	7 <sup>h</sup> 17	6 <sup>h</sup> 52	19 <sup>h</sup> 48	21 <sup>h</sup> 2	11 <sup>°</sup> R 9	10 <sup>h</sup> 2	2 <sup>h</sup> 13	9 <sup>h</sup> 27
T 2	10 35 39	10 <sup>h</sup> 34'30"	29 <sup>m</sup> 57"	28 <sup>°</sup> 16'	26 <sup>°</sup> 17'	9 <sup>°</sup> 37'	8 <sup>°</sup> 17'	7 <sup>h</sup> 24	6 <sup>h</sup> 52	19 <sup>h</sup> 48	21 <sup>h</sup> 3	11 <sup>°</sup> D 7	9 <sup>h</sup> 59	2 <sup>h</sup> 19	9 <sup>h</sup> 31
F 3	10 39 35	11 <sup>h</sup> 34'37"	12 <sup>m</sup> 21"	28 <sup>°</sup> 52'	27 <sup>°</sup> 32'	10 <sup>°</sup> 19'	8 <sup>°</sup> 11'	7 <sup>h</sup> 30	6 <sup>h</sup> 53	19 <sup>h</sup> 49	21 <sup>h</sup> 5	11 <sup>°</sup> D 6	9 <sup>h</sup> 56	2 <sup>h</sup> 26	9 <sup>h</sup> 35
S 4	10 43 32	12 <sup>h</sup> 34'42"	24 <sup>m</sup> 28"	29 <sup>°</sup> 19'	28 <sup>°</sup> 46'	11 <sup>°</sup> 0'	8 <sup>°</sup> 5'	7 <sup>h</sup> 36	6 <sup>h</sup> 54	19 <sup>h</sup> 50	21 <sup>h</sup> 6	11 <sup>°</sup> 6	9 <sup>h</sup> 53	2 <sup>h</sup> 33	9 <sup>h</sup> 39
S 5	10 47 28	13 <sup>h</sup> 34'46"	6 <sup>m</sup> 22"	29 <sup>°</sup> 37'	0 <sup>h</sup> 1	11 <sup>°</sup> 42'	7 <sup>°</sup> 58'	7 <sup>h</sup> 43	6 <sup>h</sup> 54	19 <sup>h</sup> 50	21 <sup>h</sup> 8	11 <sup>°</sup> R 7	9 <sup>h</sup> 49	2 <sup>h</sup> 39	9 <sup>h</sup> 43
M 6	10 51 25	14 <sup>h</sup> 34'48"	18 <sup>m</sup> 10"	29 <sup>°</sup> R46'	1 <sup>°</sup> 15'	12 <sup>°</sup> 24'	7 <sup>°</sup> 52'	7 <sup>h</sup> 49	6 <sup>h</sup> 54	19 <sup>h</sup> 51	21 <sup>h</sup> 9	11 <sup>°</sup> 7	9 <sup>h</sup> 46	2 <sup>h</sup> 46	9 <sup>h</sup> 47
T 7	10 55 22	15 <sup>h</sup> 34'49"	29 <sup>m</sup> 56"	29 <sup>°</sup> 46'	2 <sup>°</sup> 30'	13 <sup>°</sup> 6'	7 <sup>°</sup> 45'	7 <sup>h</sup> 55	6 <sup>h</sup> 55	19 <sup>h</sup> 51	21 <sup>h</sup> 11	11 <sup>°</sup> 5	9 <sup>h</sup> 43	2 <sup>h</sup> 53	9 <sup>h</sup> 50
W 8	10 59 18	16 <sup>h</sup> 34'48"	11 <sup>m</sup> 24"	29 <sup>°</sup> 37'	3 <sup>°</sup> 44'	13 <sup>°</sup> 48'	7 <sup>°</sup> 39'	8 <sup>h</sup> 1	6 <sup>h</sup> 55	19 <sup>h</sup> 52	21 <sup>h</sup> 12	11 <sup>°</sup> 1	9 <sup>h</sup> 40	2 <sup>h</sup> 59	9 <sup>h</sup> 54
T 9	11 3 15	17 <sup>h</sup> 34'45"	23 <sup>m</sup> 39"	29 <sup>°</sup> 19'	4 <sup>°</sup> 59'	14 <sup>°</sup> 30'	7 <sup>°</sup> 32'	8 <sup>h</sup> 7	6 <sup>h</sup> 55	19 <sup>h</sup> 52	21 <sup>h</sup> 14	10 <sup>°</sup> 53	9 <sup>h</sup> 37	3 <sup>h</sup> 6	9 <sup>h</sup> 58
F 10	11 7 11	18 <sup>h</sup> 34'40"	5 <sup>m</sup> 42"	28 <sup>°</sup> 53'	6 <sup>°</sup> 13'	15 <sup>°</sup> 12'	7 <sup>°</sup> 25'	8 <sup>h</sup> 13	6 <sup>h</sup> 55	19 <sup>h</sup> 53	21 <sup>h</sup> 15	10 <sup>°</sup> 44	9 <sup>h</sup> 34	3 <sup>h</sup> 13	10 <sup>°</sup> 2
S 11	11 11 8	19 <sup>h</sup> 34'33"	17 <sup>m</sup> 55"	28 <sup>°</sup> 20'	7 <sup>°</sup> 28'	15 <sup>°</sup> 54'	7 <sup>°</sup> 18'	8 <sup>h</sup> 19	6 <sup>h</sup> 55	19 <sup>h</sup> 53	21 <sup>h</sup> 17	10 <sup>°</sup> 32	9 <sup>h</sup> 30	3 <sup>h</sup> 19	10 <sup>°</sup> 6
S 12	11 15 4	20 <sup>h</sup> 34'24"	0 <sup>m</sup> 19"	27 <sup>°</sup> 41'	8 <sup>°</sup> 42'	16 <sup>°</sup> 36'	7 <sup>°</sup> 11'	8 <sup>h</sup> 25	6 <sup>h</sup> 56	19 <sup>h</sup> 54	21 <sup>h</sup> 19	10 <sup>°</sup> 19	9 <sup>h</sup> 27	3 <sup>h</sup> 26	10 <sup>°</sup> 10
M13	11 19 1	21 <sup>h</sup> 34'13"	12 <sup>m</sup> 55"	26 <sup>°</sup> 56'	9 <sup>°</sup> 56'	17 <sup>°</sup> 18'	7 <sup>°</sup> 4	8 <sup>h</sup> 31	6 <sup>h</sup> R56	19 <sup>h</sup> 54	21 <sup>h</sup> 20	10 <sup>°</sup> 6	9 <sup>h</sup> 24	3 <sup>h</sup> 33	10 <sup>°</sup> 14
T 14	11 22 57	22 <sup>h</sup> 34'01"	25 <sup>m</sup> 42"	26 <sup>°</sup> 6'	11 <sup>°</sup> 11'	18 <sup>°</sup> 0'	6 <sup>°</sup> 56'	8 <sup>h</sup> 37	6 <sup>h</sup> 55	19 <sup>h</sup> 54	21 <sup>h</sup> 22	9 <sup>°</sup> 55	9 <sup>h</sup> 21	3 <sup>h</sup> 39	10 <sup>°</sup> 17
W15	11 26 54	23 <sup>h</sup> 33'46"	8 <sup>m</sup> 41"	25 <sup>°</sup> 13'	12 <sup>°</sup> 25'	18 <sup>°</sup> 42'	6 <sup>°</sup> 49'	8 <sup>h</sup> 43	6 <sup>h</sup> 55	19 <sup>h</sup> 55	21 <sup>h</sup> 23	9 <sup>°</sup> 45	9 <sup>h</sup> 18	3 <sup>h</sup> 46	10 <sup>°</sup> 21
T 16	11 30 50	24 <sup>h</sup> 33'29"	21 <sup>m</sup> 51"	24 <sup>°</sup> 18'	13 <sup>°</sup> 39'	19 <sup>°</sup> 24'	6 <sup>°</sup> 42'	8 <sup>h</sup> 48	6 <sup>h</sup> 55	19 <sup>h</sup> 55	21 <sup>h</sup> 25	9 <sup>°</sup> 39	9 <sup>h</sup> 14	3 <sup>h</sup> 53	10 <sup>°</sup> 25
F 17	11 34 47	25 <sup>h</sup> 33'09"	5 <sup>m</sup> 14"	23 <sup>°</sup> 22'	14 <sup>°</sup> 53'	20 <sup>°</sup> 7'	6 <sup>°</sup> 34'	8 <sup>h</sup> 54	6 <sup>h</sup> 55	19 <sup>h</sup> 55	21 <sup>h</sup> 26	9 <sup>°</sup> 35	9 <sup>h</sup> 11	3 <sup>h</sup> 59	10 <sup>°</sup> 29
S 18	11 38 44	26 <sup>h</sup> 32'48"	18 <sup>m</sup> 50"	22 <sup>°</sup> 26'	16 <sup>°</sup> 8'	20 <sup>°</sup> 49'	6 <sup>°</sup> 27'	9 <sup>h</sup> 0	6 <sup>h</sup> 55	19 <sup>h</sup> 55	21 <sup>h</sup> 28	9 <sup>°</sup> 33	9 <sup>h</sup> 8	4 <sup>h</sup> 6	10 <sup>°</sup> 33
S 19	11 42 40	27 <sup>h</sup> 32'24"	2 <sup>m</sup> 41"	21 <sup>°</sup> 32'	17 <sup>°</sup> 22'	21 <sup>°</sup> 31'	6 <sup>°</sup> 19'	9 <sup>h</sup> 5	6 <sup>h</sup> 54	19 <sup>h</sup> 55	21 <sup>h</sup> 29	9 <sup>°</sup> 33	9 <sup>h</sup> 5	4 <sup>h</sup> 13	10 <sup>°</sup> 36
M20	11 46 37	28 <sup>h</sup> 31'58"	16 <sup>m</sup> 46"	20 <sup>°</sup> 40'	18 <sup>°</sup> 36'	22 <sup>°</sup> 13'	6 <sup>°</sup> 11'	9 <sup>h</sup> 11	6 <sup>h</sup> 54	19 <sup>h</sup> 56	21 <sup>h</sup> 31	9 <sup>°</sup> 33	9 <sup>h</sup> 2	4 <sup>h</sup> 19	10 <sup>°</sup> 40
T 21	11 50 33	29 <sup>h</sup> 31'29"	1 <sup>m</sup> 12"	19 <sup>°</sup> 52'	19 <sup>°</sup> 50'	22 <sup>°</sup> 55'	6 <sup>°</sup> 4	9 <sup>h</sup> 16	6 <sup>h</sup> 54	19 <sup>h</sup> 56	21 <sup>h</sup> 32	9 <sup>°</sup> 32	8 <sup>h</sup> 59	4 <sup>h</sup> 26	10 <sup>°</sup> 44
W22	11 54 30	0 <sup>m</sup> 30'58"	15 <sup>m</sup> 40"	19 <sup>°</sup> 8'	21 <sup>°</sup> 4	23 <sup>°</sup> 37'	5 <sup>°</sup> 56'	9 <sup>h</sup> 21	6 <sup>h</sup> 53	19 <sup>h</sup> 56	21 <sup>h</sup> 34	9 <sup>°</sup> 28	8 <sup>h</sup> 55	4 <sup>h</sup> 33	10 <sup>°</sup> 48
T 23	11 58 26	1 <sup>h</sup> 30'25"	0 <sup>m</sup> 21"	18 <sup>°</sup> 29'	22 <sup>°</sup> 18'	24 <sup>°</sup> 19'	5 <sup>°</sup> 49'	9 <sup>h</sup> 27	6 <sup>h</sup> 53	19 <sup>h</sup> R56	21 <sup>h</sup> 36	9 <sup>°</sup> 22	8 <sup>h</sup> 52	4 <sup>h</sup> 39	10 <sup>°</sup> 51
F 24	12 2 23	2 <sup>h</sup> 29'50"	15 <sup>m</sup> 4	17 <sup>°</sup> 54'	23 <sup>°</sup> 32'	25 <sup>°</sup> 1	5 <sup>°</sup> 41'	9 <sup>h</sup> 32	6 <sup>h</sup> 52	19 <sup>h</sup> 56	21 <sup>h</sup> 37	9 <sup>°</sup> 13	8 <sup>h</sup> 49	4 <sup>h</sup> 46	10 <sup>°</sup> 55
S 25	12 6 19	3 <sup>h</sup> 29'12"	29 <sup>m</sup> 42"	17 <sup>°</sup> 26'	24 <sup>°</sup> 46'	25 <sup>°</sup> 43'	5 <sup>°</sup> 33'	9 <sup>h</sup> 37	6 <sup>h</sup> 52	19 <sup>h</sup> 56	21 <sup>h</sup> 39	9 <sup>°</sup> 1	8 <sup>h</sup> 46	4 <sup>h</sup> 53	10 <sup>°</sup> 59
S 26	12 10 16	4 <sup>h</sup> 28'32"	14 <sup>m</sup> 47"	17 <sup>°</sup> 3	26 <sup>°</sup> 0'	26 <sup>°</sup> 26'	5 <sup>°</sup> 25'	9 <sup>h</sup> 42	6 <sup>h</sup> 51	19 <sup>h</sup> 56	21 <sup>h</sup> 40	8 <sup>°</sup> 49	8 <sup>h</sup> 43	4 <sup>h</sup> 59	11 <sup>°</sup> 2
M27	12 14 13	5 <sup>h</sup> 27'50"	28 <sup>m</sup> 11"	16 <sup>°</sup> 46'	27 <sup>°</sup> 13'	27 <sup>°</sup> 8'	5 <sup>°</sup> 18'	9 <sup>h</sup> 47	6 <sup>h</sup> 50	19 <sup>h</sup> 55	21 <sup>h</sup> 42	8 <sup>°</sup> 38	8 <sup>h</sup> 39	5 <sup>h</sup> 6	11 <sup>°</sup> 6
T 28	12 18 9	6 <sup>h</sup> 27'07"	11 <sup>m</sup> 52"	16 <sup>°</sup> 35'	28 <sup>°</sup> 27'	27 <sup>°</sup> 50'	5 <sup>°</sup> 10'	9 <sup>h</sup> 52	6 <sup>h</sup> 49	19 <sup>h</sup> 55	21 <sup>h</sup> 43	8 <sup>°</sup> 28	8 <sup>h</sup> 36	5 <sup>h</sup> 13	11 <sup>°</sup> 9
W29	12 22 6	7 <sup>h</sup> 26'21"	25 <sup>m</sup> 6"	16 <sup>°</sup> D30'	29 <sup>°</sup> 41'	28 <sup>°</sup> 32'	5 <sup>°</sup> 2	9 <sup>h</sup> 57	6 <sup>h</sup> 49	19 <sup>h</sup> 55	21 <sup>h</sup> 45	8 <sup>°</sup> 20	8 <sup>h</sup> 33	5 <sup>h</sup> 19	11 <sup>°</sup> 13
T 30	12 26 2	8 <sup>h</sup> 25'34"	7 <sup>m</sup> 56"	16 <sup>°</sup> 30'	0 <sup>h</sup> 55	29 <sup>°</sup> 14'	4 <sup>°</sup> 54'	10 <sup>h</sup> 2	6 <sup>h</sup> 48	19 <sup>h</sup> 55	21 <sup>h</sup> 46	8 <sup>°</sup> 16	8 <sup>h</sup> 30	5 <sup>h</sup> 26	11 <sup>°</sup> 17
F 31	12 29 59	9 <sup>h</sup> 24'45"	20 <sup>m</sup> 23"	16 <sup>°</sup> 36'	2 <sup>h</sup> 8	29 <sup>°</sup> 56'	4 <sup>h</sup> 47	10 <sup>h</sup> 7	6 <sup>h</sup> 47	19 <sup>h</sup> 55	21 <sup>h</sup> 48	8 <sup>h</sup> 13	8 <sup>h</sup> 27	5 <sup>h</sup> 33	11 <sup>h</sup> 20

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♁											
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat							
W 1	7s59	13s 1	4n 8	0n47	1n55	3s 9	1s17	23s36	0s27	1s54	1n34	18s56	0s29	21s21	0n 7	21s41	1n24	17s24	15s 7	23n 0	23n 5	21s35	3s25	4n59
T 2	7 37	16 52	3 22	1 17	2 9	2 38	1 16	23 34	0 27	1 51	1 34	18 55	0 29	21 21	0 7	21 41	1 24	17 24	15 7	23 0	23 5	21 34	3 24	4 59
F 3	7 14	19 51	2 28	1 44	2 23	2 8	1 15	23 32	0 28	1 48	1 34	18 53	0 29	21 21	0 7	21 41	1 24	17 23	15 7	23 0	23 5	21 33	3 22	4 59
S 4	6 51	21 53	1 28	2 7	2 36	1 37	1 13	23 30	0 29	1 46	1 34	18 52	0 29	21 22	0 7	21 41	1 24	17 22	15 7	23 0	23 6	21 33	3 21	4 59
S 5	6 28	22 53	0 25	2 25	2 48	1 6	1 12	23 27	0 30	1 43	1 34	18 50	0 30	21 22	0 7	21 41	1 24	17 22	15 7	23 0	23 6	21 32	3 19	4 59
M 6	6 5	22 51	0s38	2 39	3 0	0 35	1 10	23 24	0 31	1 40	1 35	18 49	0 30	21 22	0 7	21 41	1 24	17 21	15 6	23 0	23 6	21 31	3 18	4 58
T 7	5 41	21 48	1 39	2 48	3 10	0 4	1 9	23 21	0 32	1 38	1 35	18 47	0 30	21 22	0 7	21 41	1 24	17 20	15 6	23 0	23 6	21 31	3 17	4 58
W 8	5 18	19 46	2 36	2 53	3 18	0n28	1 7	23 18	0 33	1 35	1 35	18 46	0 30	21 22	0 7	21 41	1 24	17 20	15 6	23 0	23 6	21 30	3 15	4 58
T 9	4 55	16 53	3 26	2 52	3 26	0 59	1 6	23 15	0 35	1 32	1 35	18 44	0 30	21 22	0 7	21 41	1 24	17 19	15 6	23 1	23 7	21 29	3 14	4 58
F 10	4 31	13 16	4 8	2 47	3 31	1 30	1 4	23 11	0 36	1 29	1 35	18 43	0 30	21 22	0 7	21 41	1 24	17 18	15 6	23 2	23 7	21 28	3 12	4 58
S 11	4 8	9 3	4 39	2 38	3 35	2 1	1 2	23 7	0 37	1 26	1 35	18 41	0 30	21 22	0 7	21 41	1 24	17 18	15 6	23 3	23 7	21 27	3 11	4 58
S 12	3 44	4 25	4 57	2 24	3 37	2 32	1 0	23 3	0 38	1 23	1 35	18 40	0 30	21 22	0 7	21 41	1 24	17 17	15 6	23 4	23 8	21 27	3 9	4 58
M13	3 21	0n29	5 1	2 6	3 37	3 3	0 59	22 59	0 39	1 21	1 36	18 38	0 30	21 22	0 7	21 41	1 24	17 17	15 6	23 5	23 8	21 26	3 8	4 58
T 14	2 57	5 26	4 50	1 44	3 35	3 33	0 57	22 54	0 40	1 18	1 36	18 37	0 30	21 22	0 7	21 41	1 24	17 16	15 7	23 6	23 8	21 25	3 7	4 58
W15	2 34	10 14	4 25	1 20	3 31	4 4	0 55	22 50	0 41	1 15	1 36	18 36	0 31	21 22	0 7	21 41	1 24	17 15	15 7	23 6	23 8	21 24	3 5	4 58
T 16	2 10	14 38	3 44	0 52	3 25	4 35	0 53	22 45	0 42	1 12	1 36	18 34	0 31	21 22	0 7	21 41	1 24	17 15	15 7	23 7	23 8	21 23	3 4	4 58
F 17	1 46	18 23	2 51	0 23	3 18	5 6	0 51	22 40	0 43	1 9	1 36	18 33	0 31	21 22	0 7	21 41	1 24	17 14	15 7	23 7	23 9	21 23	3 2	4 58
S 18	1 22	21 12	1 47	0s 7	3 8	5 36	0 49	22 35	0 44	1 6	1 36	18 31	0 31	21 22	0 7	21 41	1 24	17 14	15 7	23 7	23 9	21 22	3 1	4 58
S 19	0 59	22 50	0 36	0 38	2 58	6 7																		

SWISS EPHEMERIS for the year 1815

APRIL 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♄	♃	♁	♁	♁	♁	♁	♁	♁
S 1	12 33 55	10°V23'54	2°33'32	16°47'	3°22'	0°39'	4°R39	10°11'	6°R46	19°R54	21°49'	8°R12	8°24'	5°39'	11°24'
S 2	12 37 52	11°23'02	14°29'	17° 4'	4°36'	1°21'	4°31'	10°16'	6°45'	19°54'	21°51'	8°12'	8°20'	5°46'	11°27'
M 3	12 41 48	12°22'08	26°18'	17°25'	5°49'	2° 3'	4°24'	10°21'	6°44'	19°54'	21°52'	8°12'	8°17'	5°53'	11°31'
T 4	12 45 45	13°21'11	8° 6'	17°51'	7° 3'	2°45'	4°16'	10°25'	6°43'	19°53'	21°54'	8°10'	8°14'	5°59'	11°34'
W 5	12 49 42	14°20'13	19°57'	18°21'	8°16'	3°27'	4° 9'	10°29'	6°41'	19°53'	21°55'	8° 5'	8°11'	6° 6'	11°37'
T 6	12 53 38	15°19'14	1°57'	18°56'	9°30'	4°10'	4° 1'	10°34'	6°40'	19°53'	21°56'	7°58'	8° 8'	6°13'	11°41'
F 7	12 57 35	16°18'12	14° 7'	19°34'	10°43'	4°52'	3°54'	10°38'	6°39'	19°52'	21°58'	7°49'	8° 5'	6°19'	11°44'
S 8	13 1 31	17°17'08	26°31'	20°17'	11°56'	5°34'	3°46'	10°42'	6°38'	19°52'	21°59'	7°37'	8° 1'	6°26'	11°47'
S 9	13 5 28	18°16'03	9°10'	21° 3'	13°10'	6°16'	3°39'	10°46'	6°36'	19°51'	22° 1'	7°24'	7°58'	6°33'	11°51'
M10	13 9 24	19°14'55	22° 4'	21°52'	14°23'	6°58'	3°32'	10°50'	6°35'	19°50'	22° 2'	7°11'	7°55'	6°39'	11°54'
T 11	13 13 21	20°13'46	5°13'	22°45'	15°36'	7°41'	3°24'	10°54'	6°34'	19°50'	22° 4'	6°59'	7°52'	6°46'	11°57'
W12	13 17 17	21°12'34	18°33'	23°40'	16°49'	8°23'	3°17'	10°58'	6°32'	19°49'	22° 5'	6°49'	7°49'	6°52'	12° 1'
T 13	13 21 14	22°11'21	2°11'	24°39'	18° 2'	9° 5'	3°10'	11° 2'	6°31'	19°49'	22° 6'	6°42'	7°45'	6°59'	12° 4'
F 14	13 25 11	23°10'05	15°45'	25°41'	19°16'	9°47'	3° 3'	11° 6'	6°29'	19°48'	22° 8'	6°39'	7°42'	7° 6'	12° 7'
S 15	13 29 7	24° 8'47	29°34'	26°45'	20°29'	10°29'	2°57'	11° 9'	6°28'	19°47'	22° 9'	6°37'	7°39'	7°12'	12°10'
S 16	13 33 4	25° 7'27	13°30'	27°51'	21°42'	11°12'	2°50'	11°13'	6°26'	19°46'	22°10'	6°D37	7°36'	7°19'	12°13'
M17	13 37 0	26° 6'04	27°33'	29° 1'	22°55'	11°54'	2°43'	11°16'	6°24'	19°46'	22°12'	6°R37	7°33'	7°26'	12°16'
T 18	13 40 57	27° 4'40	11°43'	0°12'	24° 7'	12°36'	2°37'	11°20'	6°23'	19°45'	22°13'	6°36'	7°30'	7°32'	12°19'
W19	13 44 53	28° 3'13	25°57'	1°26'	25°20'	13°18'	2°30'	11°23'	6°21'	19°44'	22°14'	6°34'	7°26'	7°39'	12°22'
T 20	13 48 50	29° 1'44	10°15'	2°42'	26°33'	14° 0'	2°24'	11°26'	6°19'	19°43'	22°16'	6°28'	7°23'	7°46'	12°25'
F 21	13 52 46	0°8'12	24°32'	4° 0'	27°46'	14°42'	2°18'	11°29'	6°17'	19°42'	22°17'	6°21'	7°20'	7°52'	12°28'
S 22	13 56 43	0°58'39	8°43'	5°21'	28°59'	15°24'	2°12'	11°32'	6°15'	19°41'	22°18'	6°11'	7°17'	7°59'	12°31'
S 23	14 0 40	1°57'03	22°44'	6°43'	0°11'	16° 6'	2° 6'	11°35'	6°13'	19°41'	22°19'	6° 1'	7°14'	8° 6'	12°34'
M24	14 4 36	2°55'26	6°12'	8° 8'	1°24'	16°48'	2° 0'	11°38'	6°12'	19°40'	22°21'	5°50'	7°11'	8°12'	12°36'
T 25	14 8 33	3°53'47	19°55'	9°34'	2°36'	17°30'	1°54'	11°41'	6°10'	19°39'	22°22'	5°42'	7° 7'	8°19'	12°39'
W26	14 12 29	4°52'06	3°1'	11° 2'	3°49'	18°12'	1°49'	11°43'	6° 8'	19°38'	22°23'	5°35'	7° 4'	8°26'	12°42'
T 27	14 16 26	5°50'23	15°46'	12°33'	5° 1'	18°54'	1°43'	11°46'	6° 6'	19°37'	22°24'	5°31'	7° 1'	8°32'	12°44'
F 28	14 20 22	6°48'39	28°12'	14° 5'	6°14'	19°36'	1°38'	11°48'	6° 4'	19°35'	22°25'	5°29'	6°58'	8°39'	12°47'
S 29	14 24 19	7°46'54	10°32'	15°39'	7°26'	20°18'	1°33'	11°51'	6° 2'	19°34'	22°27'	5°D29	6°55'	8°46'	12°50'
S 30	14 28 15	8°45'06	22°30'	17°15'	8°11'	21° 0'	1°28'	11°53'	5°59'	19°33'	22°28'	5°30'	6°51'	8°52'	12°52'

Day	☉	☽	♀	♂	♂	♄	♃	♁	♁	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	4n 7	22s56	0n30	5s24	0s11	12n25	0s15	21s 0	1s 0	0s23	1n36	18s14	0s32	21s20	0n 7	21s40	1n25	17s 6	15s 8	23n13	23n12	21s10	2s41	4n59
S 2	4 30	23 14	0s33	5 30	0 25	12 52	0 12	20 52	1 1	0 20	1 36	18 13	0 33	21 20	0 7	21 40	1 25	17 6	15 8	23 13	23 12	21 9	2 40	4 59
M 3	4 54	22 27	1 34	5 33	0 38	13 19	0 10	20 44	1 2	0 17	1 36	18 11	0 33	21 20	0 7	21 40	1 25	17 5	15 8	23 13	23 12	21 8	2 38	4 59
T 4	5 17	20 42	2 31	5 34	0 50	13 46	0 7	20 36	1 3	0 14	1 36	18 10	0 33	21 20	0 7	21 40	1 25	17 5	15 8	23 13	23 12	21 7	2 37	4 59
W 5	5 39	18 2	3 22	5 33	1 14	14 13	0 4	20 27	1 5	0 11	1 36	18 9	0 33	21 20	0 7	21 40	1 25	17 5	15 8	23 13	23 13	21 6	2 36	5 0
T 6	6 2	14 35	4 4	5 30	1 12	14 39	0 1	20 18	1 6	0 8	1 36	18 8	0 33	21 19	0 7	21 40	1 25	17 4	15 9	23 13	23 13	21 5	2 34	5 0
F 7	6 25	10 30	4 36	5 24	1 23	15 4	0n 1	20 9	1 7	0 5	1 36	18 7	0 33	21 19	0 7	21 40	1 25	17 4	15 9	23 14	23 13	21 4	2 33	5 0
S 8	6 48	5 54	4 55	5 16	1 33	15 30	0 4	20 0	1 8	0 2	1 36	18 6	0 33	21 19	0 7	21 39	1 25	17 3	15 9	23 15	23 13	21 3	2 31	5 0
S 9	7 10	0 58	5 0	5 7	1 42	15 55	0 7	19 51	1 9	0n 1	1 36	18 5	0 33	21 19	0 7	21 39	1 25	17 3	15 9	23 15	23 13	21 3	2 30	5 0
M10	7 33	4n 6	4 51	4 55	1 50	16 19	0 10	19 41	1 11	0 4	1 36	18 4	0 34	21 19	0 7	21 39	1 25	17 2	15 9	23 16	23 14	21 2	2 29	5 0
T 11	7 55	9 6	4 25	4 41	1 58	16 44	0 12	19 32	1 12	0 7	1 36	18 3	0 34	21 18	0 7	21 39	1 25	17 2	15 9	23 17	23 14	21 1	2 27	5 0
W12	8 17	13 45	3 45	4 26	2 5	17 7	0 15	19 22	1 13	0 9	1 36	18 2	0 34	21 18	0 7	21 39	1 25	17 2	15 10	23 17	23 14	21 0	2 26	5 0
T 13	8 39	17 47	2 52	4 9	2 12	17 31	0 18	19 12	1 14	0 12	1 36	18 1	0 34	21 18	0 7	21 39	1 26	17 1	15 10	23 18	23 14	20 59	2 25	5 0
F 14	9 1	20 54	1 48	3 50	2 18	17 54	0 21	19 2	1 16	0 15	1 35	18 0	0 34	21 18	0 7	21 39	1 26	17 1	15 10	23 18	23 14	20 58	2 24	5 1
S 15	9 22	22 50	0 37	3 29	2 23	18 16	0 24	18 52	1 17	0 17	1 35	18 0	0 34	21 17	0 7	21 39	1 26	17 1	15 10	23 18	23 15	20 57	2 22	5 1
S 16	9 44	23 23	0n36	3 7	2 28	18 38	0 27	18 41	1 18	0 20	1 35	17 59	0 34	21 17	0 7	21 39	1 26	17 0	15 10	23 18	23 15	20 56	2 21	5 1
M17	10 5	22 27	1 49	2 44	2 32	18 59	0 29	18 31	1 19	0 22	1 35	17 58	0 34	21 17	0 7	21 39	1 26	17 0	15 11	23 18	23 15	20 55	2 20	5 1
T 18	10 27	20 6	2 55	2 18	2 36	19 20	0 32	18 20	1 21	0 25	1 35	17 57	0 35	21 16	0 7	21 39	1 26	16 59	15 11	23 18	23 15	20 54	2 18	5 1
W19	10 48	16 30	3 51	1 52	2 39	19 41	0 35	18 9	1 22	0 27	1 35	17 56	0 35	21 16	0 7	21 38	1 26	16 59	15 11	23 18	23 15	20 53	2 17	5 1
T 20	11 8	11 56	4 32	1 24	2 42	20 1	0 38	17 58	1 23	0 30	1 35	17 56	0 35	21 16	0 7	21 38	1 26	16 59	15 11	23 18	23 15	20 52	2 16	5 1
F 21	11 29	6 43	4 57	0 54	2 43	20 20	0 41	17 47	1 25	0 32	1 35	17 55	0 35	21 16	0 7	21 38	1 26	16 59	15 11	23 19	23 16	20 51	2 15	5 2
S 22	11 50	1 11	5 3	0 24	2 45	20 39	0 43	17 36	1 26	0 34	1 34	17 54	0 35	21 15	0 7	21 38	1 26	16 58	15 12	23 19	23 16	20 50	2 13	5 2
S 23	12 10	4s21	4 50	0n 8	2 46	20 58	0 46	17 25	1 27	0 36	1 34	17 53	0 35	21 15	0 7	21 38	1 26	16 58	15 12	23 20	23 16	20 49	2 12	5 2
M24	12 30	9 35	4 21	0 41	2 46	21 15	0 49	17 13	1 28	0 39	1 34	17 53	0 35	21 15	0 7	21 38	1 26	16 58	15 12	23 20	23 16	20 48	2 11	5 2
T 25	12 50	14 14	3 38	1 16	2 45	21 33	0 52	17 2	1 30	0 41	1 34	17 52	0 36	21 14	0 7	21 38	1 26	16 57	15 12	23 20	23 16	20 47	2 10	5 2
W26	13 9	18 6	2 44	1 51	2 44	21 49	0 54	16 50	1 31	0 43	1 34	17 52	0 36	21 14	0 7	21 38	1 26	16 57	15 13	23 21	23 16	20 46	2 9	5 2
T 27	13 29	20 59	1 43	2 28	2 43	22 5	0 57	16 38	1 32	0 45	1 34	17 51	0 36	21 14	0 7	21 38	1 26	16 57	15 13	23 21	23 17	20 45	2 7	5 2
F 28	13 48	22 48	0 39	3 5	2 41	22 21	1 0	16 26	1 34	0 47	1 33	17 50	0 36	21 13	0 7	21 38	1 26	16 57	15 13	23 21	23 17	20 44	2 6	5 3
S 29	14 7	23 30	0s26	3 44	2 38	22 36	1 2	16 14	1 35	0 49	1 33	17 50	0 36	21 13	0 7	21 37	1 26	16 56	15 13	23 21	23 17	20 43	2 5	5 3
S 30	14n26	23s 5	1s29	4n24	2s35	22n50	1n 5	16s 2	1s36	0n50	1n33													

SWISS EPHEMERIS for the year 1815

MAY 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	14 32 12	9♁43'18	4♁11	18♁53	9♁1150	21♁42	1°R23	11♁55	5°R57	19°R32	22♁29	5°R30	6♁48	8♁59	12♁55
T 2	14 36 9	10°41'27	16° 1	20°33	11° 3	22°24	1♁18	11°57	5♁55	19♁31	22°30	5♁30	6°45	9° 6	12°57
W 3	14 40 5	11°39'36	27°54	22°14	12°15	23° 6	1°14	11°59	5°53	19°30	22°31	5°29	6°42	9°12	13° 0
T 4	14 44 2	12°37'43	9♁56	23°58	13°27	23°48	1°10	12° 1	5°51	19°29	22°32	5°25	6°39	9°19	13° 2
F 5	14 47 58	13°35'48	22°11	25°43	14°39	24°30	1° 5	12° 3	5°49	19°27	22°33	5°20	6°36	9°26	13° 4
S 6	14 51 55	14°33'52	4♁43	27°30	15°51	25°12	1° 1	12° 5	5°46	19°26	22°34	5°12	6°32	9°32	13° 7
S 7	14 55 51	15°31'54	17°33	29°19	17° 3	25°54	0°57	12° 7	5°44	19°25	22°35	5° 4	6°29	9°39	13° 9
M 8	14 59 48	16°29'55	0♁42	1♁10	18°15	26°35	0°54	12° 8	5°42	19°24	22°36	4°55	6°26	9°46	13°11
T 9	15 3 44	17°27'55	14° 9	3° 3	19°26	27°17	0°50	12°10	5°40	19°22	22°37	4°48	6°23	9°52	13°13
W10	15 7 41	18°25'53	27°52	4°58	20°38	27°59	0°47	12°11	5°37	19°21	22°38	4°41	6°20	9°59	13°15
T 11	15 11 37	19°23'49	11♁49	6°55	21°50	28°40	0°44	12°12	5°35	19°20	22°39	4°37	6°16	10° 6	13°17
F 12	15 15 34	20°21'44	25°54	8°53	23° 1	29°22	0°41	12°13	5°33	19°18	22°40	4°35	6°13	10°12	13°19
S 13	15 19 31	21°19'37	10♁ 5	10°53	24°13	0♁ 4	0°38	12°14	5°30	19°17	22°41	4°D35	6°10	10°19	13°21
S 14	15 23 27	22°17'29	24°19	12°55	25°24	0°45	0°35	12°15	5°28	19°16	22°42	4°36	6° 7	10°26	13°23
M15	15 27 24	23°15'19	8♁32	14°59	26°36	1°27	0°32	12°16	5°25	19°14	22°43	4°37	6° 4	10°32	13°25
T 16	15 31 20	24°13'06	22°44	17° 4	27°47	2° 8	0°30	12°17	5°23	19°13	22°44	4°R38	6° 1	10°39	13°27
W17	15 35 17	25°10'53	6♁51	19°11	28°58	2°49	0°28	12°18	5°21	19°11	22°45	4°37	5°57	10°46	13°28
T 18	15 39 13	26° 8'37	20°53	21°19	0♁10	3°31	0°26	12°18	5°18	19°10	22°45	4°35	5°54	10°53	13°30
F 19	15 43 10	27° 6'20	4♁48	23°28	1°21	4°12	0°24	12°19	5°16	19° 8	22°46	4°31	5°51	10°59	13°32
S 20	15 47 7	28° 4'01	18°33	25°38	2°32	4°53	0°23	12°19	5°13	19° 7	22°47	4°26	5°48	11° 6	13°33
S 21	15 51 3	29° 1'40	2♁ 6	27°49	3°43	5°34	0°21	12°19	5°11	19° 5	22°48	4°21	5°45	11°13	13°35
M22	15 55 0	29°59'19	15°26	0♁ 1	4°54	6°15	0°20	12°19	5° 8	19° 4	22°49	4°15	5°42	11°19	13°36
T 23	15 58 56	0♁56'56	28°31	2°13	6° 5	6°57	0°19	12°R20	5° 6	19° 2	22°49	4°10	5°38	11°26	13°38
W24	16 2 53	1°54'31	11♁20	4°24	7°15	7°38	0°18	12°20	5° 3	19° 1	22°50	4° 7	5°35	11°33	13°39
T 25	16 6 49	2°52'06	23°53	6°36	8°26	8°19	0°17	12°19	5° 1	18°59	22°51	4° 5	5°32	11°39	13°41
F 26	16 10 46	3°49'40	6♁12	8°47	9°37	8°59	0°17	12°19	4°58	18°58	22°51	4°D 5	5°29	11°46	13°42
S 27	16 14 42	4°47'12	18°18	10°57	10°47	9°40	0°16	12°19	4°56	18°56	22°52	4° 5	5°26	11°53	13°43
S 28	16 18 39	5°44'44	0♁15	13° 6	11°58	10°21	0°D16	12°18	4°53	18°55	22°53	4° 7	5°22	11°59	13°44
M29	16 22 36	6°42'15	12° 6	15°13	13° 8	11° 2	0°16	12°18	4°51	18°53	22°53	4° 9	5°19	12° 6	13°45
T 30	16 26 32	7°39'44	23°57	17°20	14°18	11°42	0°16	12°17	4°48	18°52	22°54	4°10	5°16	12°13	13°47
W31	16 30 29	8♁37'13	5♁51	19♁24	15♁28	12♁23	0♁17	12♁17	4♁46	18♁50	22♁54	4°R11	5♁13	12♁19	13♁48

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	14n44	21s37	2s28	5n 4	2s31	23n 4	1n 8	15s50	1s38	0n52	1n33	17s49	0s36	21s12	0n 7	21s37	1n26	16s56	15s14	23n21	23n17	20s41	2s 3	5n 3
T 2	15 3 19	14 3 20	5 46	2 27	23 17	1 10	15 37	1 39	0 54	1 33	17 48	0 36	21 12	0 7	21 37	1 26	16 56	15 14	23 21	23 17	20 39	2 2	5 3	
W 3	15 21 16	1 4 4	6 28	2 22	23 29	1 13	15 25	1 40	0 55	1 33	17 48	0 37	21 11	0 7	21 37	1 26	16 56	15 14	23 21	23 18	20 38	2 1	5 4	
T 4	15 39 12	8 4 37	7 11	1 27	23 41	1 15	15 12	1 42	0 57	1 32	17 48	0 37	21 11	0 7	21 37	1 26	16 55	15 15	23 21	23 18	20 37	2 0	5 4	
F 5	15 56 7	41 4 59	7 55	2 11	23 52	1 18	14 59	1 43	0 59	1 32	17 47	0 37	21 11	0 7	21 37	1 26	16 55	15 15	23 21	23 18	20 36	1 59	5 4	
S 6	16 13 2	49 5 7	8 39	2 5	24 2	1 20	14 46	1 44	1 0	1 32	17 47	0 37	21 10	0 7	21 37	1 26	16 55	15 15	23 22	23 18	20 35	1 58	5 4	
S 7	16 30 2n16	5 0	9 24	1 58	24 12	1 22	14 34	1 46	1 1	1 32	17 47	0 37	21 10	0 7	21 37	1 26	16 55	15 16	23 22	23 18	20 34	1 57	5 4	
M 8	16 47 7	24 4 37	10 9	1 51	24 21	1 25	14 21	1 47	1 3	1 31	17 46	0 37	21 10	0 7	21 36	1 26	16 55	15 16	23 22	23 18	20 33	1 55	5 5	
T 9	17 4 12	18 3 58	10 55	1 44	24 29	1 27	14 8	1 49	1 4	1 31	17 46	0 37	21 9	0 7	21 36	1 26	16 55	15 16	23 23	23 19	20 32	1 54	5 5	
W10	17 20 16	42 3 5	11 41	1 35	24 37	1 29	13 54	1 50	1 5	1 31	17 46	0 38	21 9	0 7	21 36	1 26	16 55	15 16	23 23	23 19	20 31	1 54	5 5	
T 11	17 36 20	15 2 0	12 28	1 27	24 44	1 31	13 41	1 51	1 6	1 31	17 45	0 38	21 8	0 7	21 36	1 26	16 55	15 17	23 23	23 19	20 30	1 53	5 5	
F 12	17 51 22	37 0 47	13 15	1 18	24 50	1 34	13 28	1 53	1 7	1 31	17 45	0 38	21 8	0 7	21 36	1 26	16 54	15 17	23 23	23 19	20 29	1 52	5 5	
S 13	18 7 23	34 0n30	14 1	1 9	24 56	1 36	13 14	1 54	1 8	1 30	17 45	0 38	21 8	0 7	21 36	1 26	16 54	15 17	23 23	23 19	20 27	1 51	5 6	
S 14	18 22 23	0 1 45	14 48	0 59	25 1	1 38	13 1	1 55	1 9	1 30	17 45	0 38	21 7	0 7	21 36	1 26	16 54	15 18	23 23	23 19	20 26	1 50	5 6	
M15	18 36 20	56 2 54	15 34	0 49	25 5	1 40	12 47	1 57	1 10	1 30	17 45	0 38	21 7	0 7	21 36	1 26	16 54	15 18	23 23	23 19	20 25	1 49	5 6	
T 16	18 51 17	36 3 52	16 20	0 39	25 8	1 42	12 34	1 58	1 10	1 30	17 45	0 38	21 6	0 7	21 35	1 26	16 54	15 18	23 23	23 20	20 24	1 48	5 6	
W17	19 5 13	15 4 35	17 5	0 29	25 11	1 44	12 20	2 0	1 11	1 29	17 45	0 39	21 6	0 7	21 35	1 26	16 54	15 19	23 23	23 20	20 23	1 47	5 6	
T 18	19 18 8	14 5 2	17 49	0 18	25 13	1 45	12 6	2 1	1 11	1 29	17 45	0 39	21 5	0 7	21 35	1 26	16 54	15 19	23 23	23 20	20 22	1 46	5 7	
F 19	19 32 2	51 5 11	18 32	0 8	25 14	1 47	11 53	2 2	1 12	1 29	17 45	0 39	21 5	0 7	21 35	1 26	16 54	15 19	23 23	23 20	20 21	1 45	5 7	
S 20	19 45 2s38	5 1 19	14 0n 3	25 15	1 49	11 39	2 4	1 12	1 29	17 45	0 39	21 5	0 7	21 35	1 26	16 54	15 20	23 23	23 20	20 19	1 45	5 7		
S 21	19 58 7	54 4 35	19 55	0 13	25 15	1 50	11 25	2 5	1 13	1 28	17 45	0 39	21 4	0 7	21 35	1 26	16 54	15 20	23 23	23 20	20 18	1 44	5 7	
M22	20 10 12	44 3 54	20 34	0 24	25 14	1 52	11 11	2 7	1 13	1 28	17 45	0 39	21 4	0 7	21 35	1 26	16 54	15 20	23 24	23 20	20 17	1 43	5 8	
T 23	20 22 16	53 3 2	21 11	0 34	25 13	1 53	10 57	2 8	1 13	1 28	17 45	0 39	21 3	0 7	21 34	1 26	16 54	15 21	23 24	23 21	20 16	1 42	5 8	
W24	20 34 20	10 2 1	21 46	0 44	25 11	1 55	10 43	2 9	1 13	1 28	17 45	0 40	21 3	0 7	21 34	1 26	16 54	15 21	23 24	23 21	20 15	1 41	5 8	
T 25	20 45 22	24 0 56	22 19	0 56	25 8	1 56	10 29	2 11	1 13	1 28	17 45	0 40	21 2	0 7	21 34	1 26	16 54	15 21	23 24	23 21	20 13	1 41	5 8	
F 26	20 56 23	31 0s12	22 49	1 3	25 4	1 57	10 15	2 12	1 13	1 27	17 46	0 40	21 2	0 7	21 34	1 26	16 54	15 22	23 24	23 21	20 12	1 40	5 9	
S 27	21 7 23	29 1 17	23 17	1 12	25 0	1 59	10 1	2 14	1 13	1 27	17 46	0 40	21 2	0 7	21 34	1 26	16 54	15 22	23 24	23 21	20 11	1 39	5 9	
S 28	21 17 22	23 2 19	23 43	1 20	24 55	2 0	9 46	2 15	1 13	1 27	17 46	0 40	21 1	0 7	21 34	1 26	16 54	15 22	23 24	23 21	20 10	1 39	5 9	
M29	21 27 20	17 3 14	24 6	1 27	24 49	2 1	9 32	2 16	1 13	1 27	17 46	0 40	21 1	0 7	21 34	1 26	16 54	15 23</						

SWISS EPHEMERIS for the year 1815

JUNE 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
T 1	16 34 25	9II34'42	17K53	21II27	16E38	13K 3	0Ω17	12°R16	4°R43	18°R48	22K55	4°R11	5E10	12≈26	13K48
F 2	16 38 22	10°32'09	0V 9	23°27	17°49	13°44	0°18	12≈15	4K41	18K47	22°55	4E 9	5° 7	12°33	13°49
S 3	16 42 18	11°29'36	12°42	25°25	18°58	14°24	0°19	12°14	4°38	18°45	22°56	4° 7	5° 3	12°39	13°50
S 4	16 46 15	12°27'02	25°36	27°21	20° 8	15° 4	0°20	12°13	4°36	18°44	22°56	4° 4	5° 0	12°46	13°51
M 5	16 50 11	13°24'27	8E52	29°15	21°18	15°45	0°21	12°12	4°34	18°42	22°57	4° 1	4°57	12°53	13°52
T 6	16 54 8	14°21'52	22°31	1E 6	22°28	16°25	0°23	12°11	4°31	18°40	22°57	3°58	4°54	12°59	13°52
W 7	16 58 5	15°19'16	6II31	2°55	23°37	17° 5	0°24	12° 9	4°29	18°39	22°58	3°56	4°51	13° 6	13°53
T 8	17 2 1	16°16'39	20°49	4°41	24°47	17°44	0°26	12° 8	4°26	18°37	22°58	3°55	4°48	13°13	13°54
F 9	17 5 58	17°14'02	5E20	6°25	25°56	18°24	0°28	12° 6	4°24	18°36	22°58	3°D55	4°44	13°19	13°54
S 10	17 9 54	18°11'24	19°57	8° 6	27° 6	19° 4	0°30	12° 5	4°21	18°34	22°59	3°55	4°41	13°26	13°55
S 11	17 13 51	19° 8'45	4E35	9°44	28°15	19°43	0°33	12° 3	4°19	18°32	22°59	3°56	4°38	13°33	13°55
M12	17 17 47	20° 6'05	19° 8	11°20	29°24	20°23	0°35	12° 1	4°17	18°31	22°59	3°57	4°35	13°39	13°55
T 13	17 21 44	21° 3'24	3II32	12°53	0Ω33	21° 2	0°38	11°59	4°14	18°29	23° 0	3°58	4°32	13°46	13°56
W14	17 25 40	22° 0'41	17°43	14°24	1°42	21°41	0°41	11°57	4°12	18°27	23° 0	3°R58	4°28	13°53	13°56
T 15	17 29 37	22°57'58	1E40	15°52	2°51	22°20	0°44	11°55	4°10	18°26	23° 0	3°58	4°25	13°59	13°56
F 16	17 33 34	23°55'14	15°22	17°17	3°59	22°59	0°47	11°53	4° 7	18°24	23° 0	3°58	4°22	14° 6	13°56
S 17	17 37 30	24°52'30	28°48	18°40	5° 8	23°38	0°50	11°51	4° 5	18°23	23° 0	3°57	4°19	14°13	13°56
S 18	17 41 27	25°49'44	12II 0	19°59	6°16	24°17	0°54	11°48	4° 3	18°21	23° 0	3°56	4°16	14°19	13°R56
M19	17 45 23	26°46'58	24°56	21°16	7°24	24°56	0°57	11°46	4° 1	18°19	23° 1	3°55	4°13	14°26	13°56
T 20	17 49 20	27°44'12	7K39	22°30	8°33	25°34	1° 1	11°43	3°58	18°18	23° 1	3°54	4° 9	14°33	13°56
W21	17 53 16	28°41'25	20° 9	23°42	9°41	26°12	1° 5	11°41	3°56	18°16	23° 1	3°54	4° 6	14°39	13°56
T 22	17 57 13	29°38'37	2E27	24°50	10°49	26°51	1° 9	11°38	3°54	18°15	23° 1	3°D54	4° 3	14°46	13°56
F 23	18 1 9	0E35'50	14°36	25°55	11°56	27°29	1°14	11°35	3°52	18°13	23° 1	3°54	4° 0	14°53	13°55
S 24	18 5 6	1°33'02	26°35	26°57	13° 4	28° 7	1°18	11°33	3°50	18°12	23°R 1	3°54	3°57	14°59	13°55
S 25	18 9 3	2°30'13	8≈29	27°56	14°11	28°44	1°23	11°30	3°48	18°10	23° 1	3°54	3°54	15° 6	13°55
M26	18 12 59	3°27'25	20°19	28°51	15°19	29°22	1°28	11°27	3°46	18° 8	23° 1	3°R54	3°50	15°13	13°54
T 27	18 16 56	4°24'37	2K10	29°43	16°26	29°59	1°33	11°24	3°44	18° 7	23° 1	3°54	3°47	15°20	13°54
W28	18 20 52	5°21'48	14° 4	0Ω32	17°33	0V37	1°38	11°21	3°42	18° 5	23° 1	3°54	3°44	15°26	13°53
T 29	18 24 49	6°19'00	26° 6	1°17	18°40	1°14	1°43	11°17	3°40	18° 4	23° 1	3°54	3°41	15°33	13°53
F 30	18 28 45	7E16'12	8V20	1Ω58	19Ω47	1V51	1E48	11≈14	3K38	18K 2	23K 0	3°D54	3E38	15≈40	13K52

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄	♅									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	21n55	9s25	5s 2	24n57	1n46	24n28	2n 3	8s50	2s21	1n12	1n26	17s47	0s41	20s59	0n 7	21s33	1n26	16s55	15s24	23n24	23n22	20s 5	1s36	5n10
F 2	22 3	4 44	5 14	25 9	1 51	24 20	2 4	8 35	2 22	1 11	1 26	17 48	0 41	20 59	0 7	21 33	1 26	16 55	15 24	23 24	23 22	20 4	1 36	5 10
S 3	22 11	0n15	5 11	25 19	1 56	24 10	2 5	8 21	2 23	1 11	1 25	17 48	0 41	20 58	0 7	21 33	1 26	16 55	15 25	23 24	23 22	20 3	1 35	5 10
S 4	22 19	5 21	4 53	25 25	1 59	24 1	2 5	8 7	2 25	1 10	1 25	17 49	0 41	20 58	0 7	21 33	1 26	16 55	15 25	23 24	23 22	20 1	1 35	5 11
M 5	22 26	10 23	4 19	25 29	2 2	23 50	2 6	7 52	2 26	1 9	1 25	17 49	0 41	20 58	0 7	21 33	1 26	16 55	15 25	23 24	23 22	20 0	1 34	5 11
T 6	22 33	15 3	3 29	25 31	2 4	23 40	2 6	7 38	2 28	1 8	1 24	17 50	0 42	20 57	0 7	21 33	1 26	16 56	15 26	23 24	23 22	19 59	1 34	5 11
W 7	22 39	19 2	2 26	25 31	2 5	23 28	2 6	7 24	2 29	1 8	1 24	17 50	0 42	20 57	0 7	21 32	1 26	16 56	15 26	23 24	23 22	19 57	1 33	5 11
T 8	22 45	21 57	1 12	25 28	2 5	23 16	2 6	7 9	2 30	1 7	1 24	17 51	0 42	20 56	0 7	21 32	1 26	16 56	15 26	23 24	23 23	19 56	1 33	5 12
F 9	22 51	23 29	0n 8	25 23	2 5	23 3	2 6	6 55	2 32	1 6	1 24	17 51	0 42	20 56	0 7	21 32	1 26	16 56	15 27	23 24	23 23	19 55	1 32	5 12
S 10	22 56	23 25	1 28	25 16	2 4	22 50	2 6	6 41	2 33	1 4	1 23	17 52	0 42	20 55	0 7	21 32	1 26	16 56	15 27	23 24	23 23	19 54	1 32	5 12
S 11	23 1	21 45	2 42	25 8	2 2	22 36	2 6	6 26	2 35	1 3	1 23	17 52	0 42	20 55	0 7	21 32	1 26	16 56	15 28	23 24	23 23	19 52	1 31	5 12
M12	23 6	18 39	3 45	24 58	1 59	22 21	2 6	6 12	2 36	1 2	1 23	17 53	0 42	20 55	0 7	21 32	1 26	16 57	15 28	23 24	23 23	19 51	1 31	5 13
T 13	23 10	14 28	4 33	24 46	1 56	22 6	2 6	5 58	2 37	1 1	1 23	17 54	0 43	20 54	0 7	21 32	1 26	16 57	15 28	23 24	23 23	19 50	1 31	5 13
W14	23 13	9 31	5 4	24 32	1 52	21 50	2 5	5 44	2 39	0 59	1 22	17 54	0 43	20 54	0 7	21 32	1 26	16 57	15 29	23 24	23 23	19 49	1 30	5 13
T 15	23 17	4 10	5 16	24 18	1 47	21 34	2 5	5 30	2 40	0 58	1 22	17 55	0 43	20 53	0 7	21 31	1 26	16 57	15 29	23 24	23 23	19 47	1 30	5 13
F 16	23 19	1s17	5 10	24 2	1 42	21 17	2 4	5 15	2 41	0 57	1 22	17 56	0 43	20 53	0 7	21 31	1 26	16 58	15 29	23 24	23 23	19 46	1 30	5 14
S 17	23 22	6 35	4 47	23 45	1 36	21 0	2 3	5 1	2 43	0 55	1 22	17 57	0 43	20 52	0 7	21 31	1 26	16 58	15 30	23 24	23 24	19 45	1 30	5 14
S 18	23 24	11 29	4 10	23 27	1 29	20 42	2 2	4 47	2 44	0 53	1 21	17 57	0 43	20 52	0 7	21 31	1 26	16 58	15 30	23 24	23 24	19 43	1 29	5 14
M19	23 25	15 47	3 20	23 8	1 22	20 24	2 1	4 33	2 46	0 52	1 21	17 58	0 43	20 52	0 7	21 31	1 26	16 59	15 31	23 24	23 24	19 42	1 29	5 14
T 20	23 27	19 18	2 21	22 48	1 14	20 5	2 0	4 19	2 47	0 50	1 21	17 59	0 43	20 51	0 7	21 31	1 26	16 59	15 31	23 24	23 24	19 41	1 29	5 15
W21	23 27	21 50	1 16	22 27	1 5	19 45	1 59	4 5	2 48	0 48	1 21	18 0	0 44	20 51	0 7	21 31	1 26	16 59	15 31	23 24	23 24	19 39	1 29	5 15
T 22	23 28	23 18	0 8	22 6	0 56	19 26	1 58	3 51	2 50	0 46	1 21	18 1	0 44	20 50	0 7	21 31	1 26	16 59	15 32	23 24	23 24	19 38	1 29	5 15
F 23	23 28	23 38	0s59	21 45	0 46	19 5	1 56	3 37	2 51	0 44	1 20	18 2	0 44	20 50	0 7	21 30	1 26	17 0	15 32	23 24	23 24	19 37	1 29	5 15
S 24	23 27	22 52	2 3	21 23	0 36	18 45	1 55	3 23	2 52	0 42	1 20	18 3	0 44	20 50	0 7	21 30	1 26	17 0	15 32	23 24	23 24	19 35	1 29	5 16
S 25	23 26	21 4	3 0	21 0	0 25	18 24	1 53	3 10	2 54	0 40	1 20	18 4	0 44	20 49	0 7	21 30	1 26	17 0	15 33	23 24	23 24	19 34	1 28	5 16
M26	23 25	18 22	3 50	20 38	0 14	18 2	1 52	2 56	2 55	0 38	1 20	18 4	0 44	20 49	0 7	21 30	1 26	17 1	15 33	23 24	23 24	19 32	1 28	5 16
T 27	23 23	14 55	4 30	20 15	0 2	17 40	1 50	2 42	2 56	0 36	1 19	18 5	0 44	20 49	0 7	21 30	1 26	17 1	15 34	23 24	23 25	19 31	1 28	5 16
W28	23 21	10 52	4 59	19 53	0s11	17 18	1 48	2 29	2 58	0 34	1 19	18 6	0 45	20 48	0 7	21 30	1 26	17 2	15 34	23 24	23 25	19 30	1 28	5 16
T 29	23 19	6 21	5 14	19 31	0 24	16 55	1 46	2 15	2 59	0 31	1 19	18 7	0 45	20 48	0 7	21 30	1 26	17 2	15 34	23 24	23 25	19 28	1 28	5 17
F 30	23n16</																							

SWISS EPHEMERIS for the year 1815

JULY 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	18 32 42	8 <sup>h</sup> 13'24"	20 <sup>h</sup> 51'	2 <sup>h</sup> 03'	20 <sup>h</sup> 53'	2 <sup>h</sup> 27'	1 <sup>h</sup> 54'	11 <sup>h</sup> R11	3 <sup>h</sup> R36	18 <sup>h</sup> R 1	23 <sup>h</sup> R 0	3 <sup>h</sup> 54'	3 <sup>h</sup> 34'	15 <sup>h</sup> 46'	13 <sup>h</sup> R51
S 2	18 36 38	9 <sup>h</sup> 10'36"	3 <sup>h</sup> 43'	3 <sup>h</sup> 9'	22 <sup>h</sup> 0'	3 <sup>h</sup> 4'	1 <sup>h</sup> 59'	11 <sup>h</sup> ∞ 7	3 <sup>h</sup> 7'34"	17 <sup>h</sup> 7'59"	23 <sup>h</sup> ∞ 0	3 <sup>h</sup> 54'	3 <sup>h</sup> 31'	15 <sup>h</sup> 53'	13 <sup>h</sup> ∞51
M 3	18 40 35	10 <sup>h</sup> 7'48"	16 <sup>h</sup> 58'	3 <sup>h</sup> 38'	23 <sup>h</sup> 6'	3 <sup>h</sup> 40'	2 <sup>h</sup> 5'	11 <sup>h</sup> 4'	3 <sup>h</sup> 32'	17 <sup>h</sup> 58'	23 <sup>h</sup> 0'	3 <sup>h</sup> 55'	3 <sup>h</sup> 28'	16 <sup>h</sup> 0'	13 <sup>h</sup> 50'
T 4	18 44 32	11 <sup>h</sup> 5'01"	0 <sup>h</sup> 11'39"	4 <sup>h</sup> 3'	24 <sup>h</sup> 12'	4 <sup>h</sup> 17'	2 <sup>h</sup> 11'	11 <sup>h</sup> 0'	3 <sup>h</sup> 30'	17 <sup>h</sup> 56'	23 <sup>h</sup> 0'	3 <sup>h</sup> 55'	3 <sup>h</sup> 25'	16 <sup>h</sup> 6'	13 <sup>h</sup> 49'
W 5	18 48 28	12 <sup>h</sup> 2'14"	14 <sup>h</sup> 45'	4 <sup>h</sup> 24'	25 <sup>h</sup> 18'	4 <sup>h</sup> 53'	2 <sup>h</sup> 17'	10 <sup>h</sup> 57'	3 <sup>h</sup> 29'	17 <sup>h</sup> 55'	22 <sup>h</sup> 59'	3 <sup>h</sup> 56'	3 <sup>h</sup> 22'	16 <sup>h</sup> 13'	13 <sup>h</sup> 48'
T 6	18 52 25	12 <sup>h</sup> 59'28"	29 <sup>h</sup> 14'	4 <sup>h</sup> 40'	26 <sup>h</sup> 24'	5 <sup>h</sup> 28'	2 <sup>h</sup> 23'	10 <sup>h</sup> 53'	3 <sup>h</sup> 27'	17 <sup>h</sup> 53'	22 <sup>h</sup> 59'	3 <sup>h</sup> R56	3 <sup>h</sup> 19'	16 <sup>h</sup> 20'	13 <sup>h</sup> 47'
F 7	18 56 21	13 <sup>h</sup> 56'41"	14 <sup>h</sup> 58'	4 <sup>h</sup> 51'	27 <sup>h</sup> 30'	6 <sup>h</sup> 4'	2 <sup>h</sup> 30'	10 <sup>h</sup> 50'	3 <sup>h</sup> 25'	17 <sup>h</sup> 52'	22 <sup>h</sup> 59'	3 <sup>h</sup> 56'	3 <sup>h</sup> 15'	16 <sup>h</sup> 26'	13 <sup>h</sup> 46'
S 8	19 0 18	14 <sup>h</sup> 53'55"	29 <sup>h</sup> 0'	4 <sup>h</sup> 58'	28 <sup>h</sup> 35'	6 <sup>h</sup> 39'	2 <sup>h</sup> 36'	10 <sup>h</sup> 46'	3 <sup>h</sup> 24'	17 <sup>h</sup> 51'	22 <sup>h</sup> 59'	3 <sup>h</sup> 56'	3 <sup>h</sup> 12'	16 <sup>h</sup> 33'	13 <sup>h</sup> 45'
S 9	19 4 14	15 <sup>h</sup> 51'09"	14 <sup>h</sup> 01'	5 <sup>h</sup> R 0	29 <sup>h</sup> 40'	7 <sup>h</sup> 14'	2 <sup>h</sup> 43'	10 <sup>h</sup> 42'	3 <sup>h</sup> 22'	17 <sup>h</sup> 49'	22 <sup>h</sup> 58'	3 <sup>h</sup> 54'	3 <sup>h</sup> 9'	16 <sup>h</sup> 40'	13 <sup>h</sup> 44'
M10	19 8 11	16 <sup>h</sup> 48'23"	28 <sup>h</sup> 56'	4 <sup>h</sup> 58'	0 <sup>h</sup> 45'	7 <sup>h</sup> 49'	2 <sup>h</sup> 50'	10 <sup>h</sup> 38'	3 <sup>h</sup> 20'	17 <sup>h</sup> 48'	22 <sup>h</sup> 58'	3 <sup>h</sup> 53'	3 <sup>h</sup> 6'	16 <sup>h</sup> 46'	13 <sup>h</sup> 42'
T 11	19 12 8	17 <sup>h</sup> 45'36"	13 <sup>h</sup> 39'	4 <sup>h</sup> 51'	1 <sup>h</sup> 50'	8 <sup>h</sup> 24'	2 <sup>h</sup> 57'	10 <sup>h</sup> 34'	3 <sup>h</sup> 19'	17 <sup>h</sup> 47'	22 <sup>h</sup> 58'	3 <sup>h</sup> 52'	3 <sup>h</sup> 3'	16 <sup>h</sup> 53'	13 <sup>h</sup> 41'
W12	19 16 4	18 <sup>h</sup> 42'50"	28 <sup>h</sup> 2'	4 <sup>h</sup> 38'	2 <sup>h</sup> 55'	8 <sup>h</sup> 58'	3 <sup>h</sup> 4'	10 <sup>h</sup> 30'	3 <sup>h</sup> 17'	17 <sup>h</sup> 45'	22 <sup>h</sup> 57'	3 <sup>h</sup> 50'	3 <sup>h</sup> 0'	17 <sup>h</sup> 0'	13 <sup>h</sup> 40'
T 13	19 20 1	19 <sup>h</sup> 40'04"	12 <sup>h</sup> 44'	4 <sup>h</sup> 22'	3 <sup>h</sup> 59'	9 <sup>h</sup> 32'	3 <sup>h</sup> 11'	10 <sup>h</sup> 26'	3 <sup>h</sup> 16'	17 <sup>h</sup> 44'	22 <sup>h</sup> 57'	3 <sup>h</sup> 49'	2 <sup>h</sup> 56'	17 <sup>h</sup> 6'	13 <sup>h</sup> 39'
F 14	19 23 57	20 <sup>h</sup> 37'17"	25 <sup>h</sup> 43'	4 <sup>h</sup> 1'	5 <sup>h</sup> 3'	10 <sup>h</sup> 6'	3 <sup>h</sup> 18'	10 <sup>h</sup> 22'	3 <sup>h</sup> 14'	17 <sup>h</sup> 43'	22 <sup>h</sup> 56'	3 <sup>h</sup> D49	2 <sup>h</sup> 53'	17 <sup>h</sup> 13'	13 <sup>h</sup> 37'
S 15	19 27 54	21 <sup>h</sup> 34'31"	9 <sup>h</sup> 00'	3 <sup>h</sup> 35'	6 <sup>h</sup> 7'	10 <sup>h</sup> 40'	3 <sup>h</sup> 26'	10 <sup>h</sup> 18'	3 <sup>h</sup> 13'	17 <sup>h</sup> 41'	22 <sup>h</sup> 56'	3 <sup>h</sup> 50'	2 <sup>h</sup> 50'	17 <sup>h</sup> 20'	13 <sup>h</sup> 36'
S 16	19 31 50	22 <sup>h</sup> 31'45"	21 <sup>h</sup> 58'	3 <sup>h</sup> 6'	7 <sup>h</sup> 11'	11 <sup>h</sup> 13'	3 <sup>h</sup> 33'	10 <sup>h</sup> 14'	3 <sup>h</sup> 12'	17 <sup>h</sup> 40'	22 <sup>h</sup> 55'	3 <sup>h</sup> 51'	2 <sup>h</sup> 47'	17 <sup>h</sup> 26'	13 <sup>h</sup> 34'
M17	19 35 47	23 <sup>h</sup> 28'59"	4 <sup>h</sup> 7'38"	2 <sup>h</sup> 33'	8 <sup>h</sup> 15'	11 <sup>h</sup> 46'	3 <sup>h</sup> 41'	10 <sup>h</sup> 10'	3 <sup>h</sup> 10'	17 <sup>h</sup> 39'	22 <sup>h</sup> 55'	3 <sup>h</sup> 53'	2 <sup>h</sup> 44'	17 <sup>h</sup> 33'	13 <sup>h</sup> 33'
T 18	19 39 43	24 <sup>h</sup> 26'14"	17 <sup>h</sup> 3'	1 <sup>h</sup> 58'	9 <sup>h</sup> 18'	12 <sup>h</sup> 19'	3 <sup>h</sup> 49'	10 <sup>h</sup> 6'	3 <sup>h</sup> 9'	17 <sup>h</sup> 38'	22 <sup>h</sup> 54'	3 <sup>h</sup> 54'	2 <sup>h</sup> 40'	17 <sup>h</sup> 40'	13 <sup>h</sup> 31'
W19	19 43 40	25 <sup>h</sup> 23'29"	29 <sup>h</sup> 3'	1 <sup>h</sup> 19'	10 <sup>h</sup> 21'	12 <sup>h</sup> 52'	3 <sup>h</sup> 57'	10 <sup>h</sup> 2'	3 <sup>h</sup> 8'	17 <sup>h</sup> 36'	22 <sup>h</sup> 54'	3 <sup>h</sup> R55	2 <sup>h</sup> 37'	17 <sup>h</sup> 47'	13 <sup>h</sup> 30'
T 20	19 47 37	26 <sup>h</sup> 20'44"	11 <sup>h</sup> 23'	0 <sup>h</sup> 39'	11 <sup>h</sup> 23'	13 <sup>h</sup> 24'	4 <sup>h</sup> 5'	9 <sup>h</sup> 57'	3 <sup>h</sup> 7'	17 <sup>h</sup> 35'	22 <sup>h</sup> 53'	3 <sup>h</sup> 55'	2 <sup>h</sup> 34'	17 <sup>h</sup> 53'	13 <sup>h</sup> 28'
F 21	19 51 33	27 <sup>h</sup> 18'00"	23 <sup>h</sup> 21'	29 <sup>h</sup> 57'	12 <sup>h</sup> 26'	13 <sup>h</sup> 56'	4 <sup>h</sup> 13'	9 <sup>h</sup> 53'	3 <sup>h</sup> 6'	17 <sup>h</sup> 34'	22 <sup>h</sup> 53'	3 <sup>h</sup> 53'	2 <sup>h</sup> 31'	18 <sup>h</sup> 0'	13 <sup>h</sup> 26'
S 22	19 55 30	28 <sup>h</sup> 15'16"	5 <sup>h</sup> 15'	29 <sup>h</sup> 15'	13 <sup>h</sup> 28'	14 <sup>h</sup> 28'	4 <sup>h</sup> 21'	9 <sup>h</sup> 49'	3 <sup>h</sup> 5'	17 <sup>h</sup> 33'	22 <sup>h</sup> 52'	3 <sup>h</sup> 51'	2 <sup>h</sup> 28'	18 <sup>h</sup> 7'	13 <sup>h</sup> 24'
S 23	19 59 26	29 <sup>h</sup> 12'33"	17 <sup>h</sup> 6'	28 <sup>h</sup> 33'	14 <sup>h</sup> 30'	14 <sup>h</sup> 59'	4 <sup>h</sup> 30'	9 <sup>h</sup> 44'	3 <sup>h</sup> 4'	17 <sup>h</sup> 32'	22 <sup>h</sup> 51'	3 <sup>h</sup> 47'	2 <sup>h</sup> 25'	18 <sup>h</sup> 13'	13 <sup>h</sup> 23'
M24	20 3 23	0 <sup>h</sup> 9'50"	28 <sup>h</sup> 56'	27 <sup>h</sup> 52'	15 <sup>h</sup> 32'	15 <sup>h</sup> 30'	4 <sup>h</sup> 38'	9 <sup>h</sup> 40'	3 <sup>h</sup> 3'	17 <sup>h</sup> 31'	22 <sup>h</sup> 51'	3 <sup>h</sup> 43'	2 <sup>h</sup> 21'	18 <sup>h</sup> 20'	13 <sup>h</sup> 21'
T 25	20 7 19	1 <sup>h</sup> 7'09"	10 <sup>h</sup> 48'	27 <sup>h</sup> 12'	16 <sup>h</sup> 33'	16 <sup>h</sup> 1'	4 <sup>h</sup> 47'	9 <sup>h</sup> 36'	3 <sup>h</sup> 2'	17 <sup>h</sup> 30'	22 <sup>h</sup> 50'	3 <sup>h</sup> 39'	2 <sup>h</sup> 18'	18 <sup>h</sup> 27'	13 <sup>h</sup> 19'
W26	20 11 16	2 <sup>h</sup> 4'28"	22 <sup>h</sup> 44'	26 <sup>h</sup> 35'	17 <sup>h</sup> 34'	16 <sup>h</sup> 31'	4 <sup>h</sup> 55'	9 <sup>h</sup> 31'	3 <sup>h</sup> 1'	17 <sup>h</sup> 29'	22 <sup>h</sup> 49'	3 <sup>h</sup> 34'	2 <sup>h</sup> 15'	18 <sup>h</sup> 33'	13 <sup>h</sup> 17'
T 27	20 15 12	3 <sup>h</sup> 1'48"	4 <sup>h</sup> 47'	26 <sup>h</sup> 1'	18 <sup>h</sup> 35'	17 <sup>h</sup> 1'	5 <sup>h</sup> 4'	9 <sup>h</sup> 27'	3 <sup>h</sup> 0'	17 <sup>h</sup> 28'	22 <sup>h</sup> 49'	3 <sup>h</sup> 31'	2 <sup>h</sup> 12'	18 <sup>h</sup> 40'	13 <sup>h</sup> 15'
F 28	20 19 9	3 <sup>h</sup> 59'09"	17 <sup>h</sup> 1'	25 <sup>h</sup> 30'	19 <sup>h</sup> 35'	17 <sup>h</sup> 31'	5 <sup>h</sup> 13'	9 <sup>h</sup> 22'	2 <sup>h</sup> 59'	17 <sup>h</sup> 27'	22 <sup>h</sup> 48'	3 <sup>h</sup> 28'	2 <sup>h</sup> 9'	18 <sup>h</sup> 47'	13 <sup>h</sup> 13'
S 29	20 23 5	4 <sup>h</sup> 56'32"	29 <sup>h</sup> 30'	25 <sup>h</sup> 4'	20 <sup>h</sup> 35'	18 <sup>h</sup> 1'	5 <sup>h</sup> 22'	9 <sup>h</sup> 18'	2 <sup>h</sup> 58'	17 <sup>h</sup> 26'	22 <sup>h</sup> 47'	3 <sup>h</sup> D27	2 <sup>h</sup> 6'	18 <sup>h</sup> 53'	13 <sup>h</sup> 11'
S 30	20 27 2	5 <sup>h</sup> 53'55"	12 <sup>h</sup> 17'	24 <sup>h</sup> 43'	21 <sup>h</sup> 35'	18 <sup>h</sup> 30'	5 <sup>h</sup> 31'	9 <sup>h</sup> 13'	2 <sup>h</sup> 58'	17 <sup>h</sup> 25'	22 <sup>h</sup> 47'	3 <sup>h</sup> 27'	2 <sup>h</sup> 2'	19 <sup>h</sup> 0'	13 <sup>h</sup> 9'
MB1	20 30 59	6 <sup>h</sup> 51'20"	25 <sup>h</sup> 26'	24 <sup>h</sup> 27'	22 <sup>h</sup> 34'	18 <sup>h</sup> 58'	5 <sup>h</sup> 41'	9 <sup>h</sup> ∞ 9	2 <sup>h</sup> 7'57"	17 <sup>h</sup> 24'	22 <sup>h</sup> 46'	3 <sup>h</sup> 28'	1 <sup>h</sup> 59'	19 <sup>h</sup> ∞ 7	13 <sup>h</sup> ∞ 7

Day	☉		☽		♀		♁		♂		♃		♅		♁		♁		♁		♁			
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
S 1	23n12	3n27	5s 4	18n47	0s51	16n 9	1n41	1s48	3s 2	0n27	1n18	18s 9	0s45	20s47	0n 7	21s30	1n26	17s 3	15s35	23n24	23n25	19s26	1s28	5n17
S 2	23 9 8 27	4 36	18 26	1 5	15 45	1 39	1 35	3 3	0 24	1 18	18 11	0 45	20 47	0 7	21 29	1 26	17 3	15 35	23 24	23 25	19 24	1 29	5 17	
M 3	23 5 13 12	3 52	18 5	1 19	15 21	1 36	1 22	3 4	0 22	1 18	18 12	0 45	20 46	0 7	21 29	1 26	17 4	15 36	23 24	23 25	19 23	1 29	5 18	
T 4	23 0 17 28	2 54	17 45	1 34	14 56	1 34	1 8	3 6	0 19	1 18	18 13	0 45	20 46	0 7	21 29	1 26	17 4	15 36	23 24	23 25	19 21	1 29	5 18	
W 5	22 55 20 52	1 44	17 26	1 48	14 32	1 31	0 55	3 7	0 16	1 17	18 14	0 45	20 46	0 7	21 29	1 26	17 4	15 36	23 24	23 25	19 20	1 29	5 18	
T 6	22 50 23 2	0 26	17 7	2 3	14 7	1 28	0 42	3 8	0 14	1 17	18 15	0 46	20 46	0 7	21 29	1 26	17 5	15 37	23 24	23 25	19 19	1 29	5 18	
F 7	22 44 23 39	0n56	16 50	2 18	13 41	1 25	0 29	3 10	0 11	1 17	18 16	0 46	20 45	0 6	21 29	1 26	17 5	15 37	23 24	23 25	19 17	1 29	5 18	
S 8	22 38 22 34	2 14	16 34	2 33	13 16	1 22	0 17	3 11	0 8	1 17	18 17	0 46	20 45	0 6	21 29	1 26	17 6	15 38	23 24	23 25	19 16	1 30	5 19	
S 9	22 31 19 54	3 24	16 19	2 48	12 50	1 19	0 4	3 12	0 5	1 17	18 18	0 46	20 45	0 6	21 29	1 26	17 6	15 38	23 24	23 26	19 14	1 30	5 19	
M10	22 24 15 54	4 20	16 5	3 3	12 23	1 15	0n 9	3 13	0 3	1 16	18 20	0 46	20 44	0 6	21 29	1 26	17 7	15 38	23 24	23 26	19 13	1 30	5 19	
T 11	22 17 11 0	4 57	15 53	3 17	11 57	1 12	0 21	3 15	0s 0	1 16	18 21	0 46	20 44	0 6	21 29	1 26	17 7	15 39	23 24	23 26	19 11	1 30	5 19	
W12	22 9 5 35	5 15	15 42	3 31	11 30	1 8	0 33	3 16	0 3	1 16	18 22	0 46	20 44	0 6	21 28	1 26	17 8	15 39	23 24	23 26	19 10	1 31	5 20	
T 13	22 1 0 2	5 13	15 33	3 45	11 4	1 5	0 46	3 17	0 6	1 16	18 23	0 46	20 43	0 6	21 28	1 26	17 8	15 39	23 24	23 26	19 9	1 31	5 20	
F 14	21 53 5s23	4 54	15 25	3 57	10 37	1 1	0 58	3 18	0 10	1 16	18 24	0 47	20 43	0 6	21 28	1 26	17 9	15 40	23 24	23 26	19 7	1 31	5 20	
S 15	21 44 10 25	4 19	15 20	4 9	10 9	0 57	1 10	3 20	0 13	1 15	18 26	0 47	20 43	0 6	21 28	1 26	17 9	15 40	23 24	23 26	19 6	1 32	5 20	
S 16	21 35 14 52	3 31	15 16	4 20	9 42	0 53	1 22	3 21	0 16	1 15	18 27	0 47	20 43	0 6	21 28	1 26	17 10	15 40	23 24	23 26	19 4	1 32	5 20	
M17	21 25 18 33	2 35	15 14	4 30	9 14	0 49	1 34	3 22	0 19	1 15	18 28	0 47	20 43	0 6	21 28	1 26	17 10	15 41	23 24	23 26	19 3	1 32	5 21	
T 18	21 15 21 19	1 32	15 13	4 38	8 47	0 44	1 45	3 23	0 22	1 15	18 29	0 47												

SWISS EPHEMERIS for the year 1815

AUGUST 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	20 34 55	7Ω48'45	9Π 0	24°R17	23♁33	19Υ26	5♁50	9°R 5	2°R56	17°R23	22°R45	3♁29	1♁56	19♁13	13°R 4
W 2	20 38 52	8°46'12	23° 2	24°D13	24°32	19°54	5°59	9°R 0	2°R56	17°R22	22°R44	3°30	1°53	19°20	13°R 2
T 3	20 42 48	9°43'41	7♁29	24♁16	25°30	20°22	6° 9	8°56	2°55	17°21	22°43	3°R31	1°50	19°27	13° 0
F 4	20 46 45	10°41'10	22°20	24°25	26°28	20°48	6°18	8°51	2°55	17°20	22°43	3°29	1°46	19°34	12°58
S 5	20 50 41	11°38'40	7Ω27	24°40	27°25	21°15	6°28	8°47	2°55	17°20	22°42	3°27	1°43	19°40	12°55
S 6	20 54 38	12°36'12	22°42	25° 2	28°22	21°41	6°38	8°42	2°54	17°19	22°41	3°22	1°40	19°47	12°53
M 7	20 58 35	13°33'44	7Π53	25°31	29°19	22° 7	6°48	8°38	2°54	17°18	22°40	3°16	1°37	19°54	12°51
T 8	21 2 31	14°31'18	22°52	26° 7	0♁15	22°32	6°58	8°33	2°54	17°17	22°39	3°10	1°34	20° 0	12°48
W 9	21 6 28	15°28'52	7♁30	26°49	1°10	22°56	7° 8	8°29	2°53	17°17	22°38	3° 5	1°31	20° 7	12°46
T 10	21 10 24	16°26'27	21°42	27°38	2° 5	23°21	7°18	8°24	2°53	17°16	22°37	3° 1	1°27	20°14	12°43
F 11	21 14 21	17°24'03	5Π26	28°34	3° 0	23°44	7°28	8°20	2°53	17°15	22°36	2°59	1°24	20°20	12°41
S 12	21 18 17	18°21'40	18°43	29°35	3°54	24° 7	7°39	8°16	2°D53	17°15	22°35	2°D58	1°21	20°27	12°38
S 13	21 22 14	19°19'18	1♁35	0Ω43	4°48	24°30	7°49	8°11	2°53	17°14	22°34	2°58	1°18	20°34	12°36
M14	21 26 10	20°16'57	14° 7	1°57	5°41	24°52	8° 0	8° 7	2°53	17°14	22°33	3° 0	1°15	20°40	12°33
T 15	21 30 7	21°14'37	26°23	3°16	6°33	25°14	8°10	8° 3	2°53	17°13	22°32	3° 1	1°12	20°47	12°30
W16	21 34 4	22°12'18	8♁28	4°41	7°25	25°35	8°21	7°58	2°53	17°13	22°31	3°R 1	1° 8	20°54	12°28
T 17	21 38 0	23°10'00	20°24	6°11	8°16	25°55	8°32	7°54	2°54	17°12	22°30	2°59	1° 5	21° 1	12°25
F 18	21 41 57	24° 7'44	2♁16	7°45	9° 6	26°15	8°43	7°50	2°54	17°12	22°29	2°55	1° 2	21° 7	12°22
S 19	21 45 53	25° 5'29	14° 6	9°23	9°56	26°35	8°54	7°46	2°54	17°12	22°28	2°49	0°59	21°14	12°20
S 20	21 49 50	26° 3'15	25°57	11° 6	10°45	26°53	9° 5	7°42	2°55	17°11	22°27	2°41	0°56	21°21	12°17
M21	21 53 46	27° 1'02	7♁50	12°52	11°33	27°11	9°16	7°38	2°55	17°11	22°26	2°31	0°52	21°27	12°14
T 22	21 57 43	27°58'51	19°46	14°40	12°21	27°29	9°27	7°34	2°55	17°11	22°25	2°21	0°49	21°34	12°12
W23	22 1 39	28°56'41	1Υ48	16°32	13° 8	27°46	9°38	7°29	2°56	17°10	22°24	2°10	0°46	21°41	12° 9
T 24	22 5 36	29°54'34	13°57	18°25	13°53	28° 2	9°49	7°26	2°57	17°10	22°23	2° 1	0°43	21°47	12° 6
F 25	22 9 32	0♁52'27	26°15	20°20	14°39	28°17	10° 0	7°22	2°57	17°10	22°22	1°54	0°40	21°54	12° 3
S 26	22 13 29	1°50'23	8♁46	22°16	15°23	28°32	10°12	7°18	2°58	17°10	22°21	1°49	0°37	22° 1	12° 0
S 27	22 17 26	2°48'20	21°31	24°13	16° 6	28°46	10°23	7°14	2°59	17°10	22°20	1°47	0°33	22° 7	11°58
M28	22 21 22	3°46'20	4Π36	26°11	16°48	29° 0	10°35	7°10	2°59	17°10	22°18	1°D46	0°30	22°14	11°55
T 29	22 25 19	4°44'21	18° 2	28° 9	17°30	29°13	10°46	7° 6	3° 0	17°10	22°17	1°47	0°27	22°21	11°52
W30	22 29 15	5°42'25	1♁53	0♁ 8	18°10	29°24	10°58	7° 3	3° 1	17°D10	22°16	1°R47	0°24	22°27	11°49
T 31	22 33 12	6♁40'30	16♁10	2♁ 6	18♁49	29Υ36	11♁10	6♁59	3♁ 2	17♁10	22♁15	1♁46	0♁21	22♁34	11♁46

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	18n20	19n41	2s10	17n32	3s48	2n 8	0s28	4n14	3s39	1s13	1n12	18s47	0s48	20s40	0n 6
W 2	18 5 22	20 0 57	17 46	3 34	1 39	0 34	4 24	3 40	1 17	1 12	18 48	0 48	20 40	0 6	21 27
T 3	17 50 23	37 0n22	18 1	3 20	1 10	0 40	4 33	3 41	1 21	1 12	18 49	0 49	20 40	0 6	21 27
F 4	17 34 23	16 1 41	18 14	3 4	0 42	0 47	4 42	3 42	1 25	1 12	18 51	0 49	20 40	0 6	21 27
S 5	17 19 21	14 2 54	18 27	2 48	0 13	0 53	4 51	3 42	1 29	1 11	18 52	0 49	20 40	0 6	21 27
S 6	17 3 17	40 3 55	18 39	2 32	0s15	0 59	5 0	3 43	1 33	1 11	18 53	0 49	20 40	0 6	21 27
M 7	16 46 12	57 4 40	18 50	2 16	0 44	1 6	5 9	3 44	1 37	1 11	18 54	0 49	20 40	0 6	21 27
T 8	16 30 7	30 5 5	19 0	1 59	1 12	1 13	5 17	3 45	1 41	1 11	18 56	0 49	20 40	0 6	21 27
W 9	16 13 1 45	5 9 19	8 1 43	1 41	1 19	5 26	3 46	1 45	1 11	18 57	0 49	20 40	0 6	21 27	
T 10	15 55 3s56	4 53 19	15 1 26	2 9	1 26	5 34	3 47	1 49	1 11	18 58	0 49	20 40	0 6	21 27	
F 11	15 38 9 14	4 22 19	19 1 10	2 37	1 33	5 42	3 48	1 53	1 11	18 59	0 49	20 40	0 6	21 27	
S 12	15 20 13 56	3 36 19	22 0 54	3 5	1 40	5 49	3 48	1 58	1 10	19 1	0 49	20 40	0 6	21 27	
S 13	15 3 17 52	2 42 19	23 0 39	3 33	1 48	5 57	3 49	2 2	1 10	19 2	0 49	20 40	0 6	21 27	
M14	14 44 20 51	1 40 19	21 0 24	4 1	1 55	6 4	3 50	2 6	1 10	19 3	0 49	20 40	0 6	21 27	
T 15	14 26 22 49	0 36 19	17 0 10	4 29	2 2	6 11	3 51	2 10	1 10	19 4	0 49	20 40	0 6	21 27	
W16	14 7 23 41	0s29	19 11 0n 4	4 56	2 10	6 18	3 51	2 15	1 10	19 5	0 49	20 40	0 6	21 27	
T 17	13 49 23 26	1 32 19	1 0 17	5 23	2 17	6 25	3 52	2 19	1 10	19 7	0 50	20 40	0 6	21 27	
F 18	13 30 22 7	2 31 18	49 0 29	5 50	2 25	6 32	3 53	2 23	1 10	19 8	0 50	20 40	0 6	21 27	
S 19	13 10 19 50	3 22 18	35 0 41	6 17	2 33	6 38	3 53	2 28	1 9	19 9	0 50	20 40	0 6	21 27	
S 20	12 51 16 43	4 5 18	17 0 51	6 43	2 41	6 44	3 54	2 32	1 9	19 10	0 50	20 40	0 6	21 27	
M21	12 31 12 55	4 37 17	56 1 1	7 10	2 49	6 50	3 54	2 37	1 9	19 11	0 50	20 40	0 6	21 27	
T 22	12 11 8 37	4 57 17	33 1 9	7 36	2 57	6 56	3 55	2 41	1 9	19 12	0 50	20 40	0 6	21 27	
W23	11 51 3 56	5 5 17	8 1 17	8 2	3 5	7 1	3 55	2 46	1 9	19 13	0 50	20 40	0 6	21 27	
T 24	11 31 0n56	4 58 16	39 1 24	8 27	3 13	7 7	3 56	2 50	1 9	19 14	0 50	20 40	0 6	21 27	
F 25	11 10 5 49	4 38 16	9 1 30	8 52	3 21	7 12	3 56	2 55	1 9	19 15	0 50	20 41	0 6	21 27	
S 26	10 50 10 35	4 4 15	36 1 35	9 17	3 30	7 17	3 57	2 59	1 9	19 16	0 50	20 41	0 6	21 27	
S 27	10 29 14 59	3 18 15	1 1 39	9 42	3 38	7 21	3 57	3 4	1 8	19 17	0 50	20 41	0 6	21 27	
M28	10 8 18 47	2 20 14	24 1 42	10 6	3 47	7 26	3 57	3 9	1 8	19 18	0 50	20 41	0 6	21 27	
T 29	9 47 21 43	1 13 13	45 1 44	10 30	3 55	7 30	3 57	3 13	1 8	19 19	0 50	20 41	0 6	21 27	
W30	9 26 23 28	0n 1 13	5 1 46	10 53	4 4	7 34	3 58	3 18	1 8	19 20	0 50	20 41	0 6	21 27	
T 31	9n 4 23n44	1n16	12n24	1n47	11s16	4s12	7n38	3s58	3s23	1n 8	19s21	0s50	20s42	0n 6	21s27

Julian Day Number = 2384186.5, Delta T = 12.15 sec  
 Ecliptic obliquity = 23°27'47, Nutation = - 0°00'16  
 Ayanamsha: Fagan/Bradley = 22°09'55, Lahiri = 21°16'55



SWISS EPHEMERIS for the year 1815

SEPTEMBER 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	22 37 8	7 <sup>m</sup> 38'37"	0 <sup>h</sup> 05'50"	4 <sup>m</sup> 3	19 <sup>h</sup> 27'	29 <sup>h</sup> 46'	11 <sup>h</sup> 21'	6°R56	3 <sup>m</sup> 3	17 <sup>h</sup> 10'	22°R14	1°R43	0 <sup>h</sup> 18'	22 <sup>h</sup> 41'	11°R43
S 2	22 41 5	8°36'46"	15°50'	6° 0	20° 4	29°56'	11°33'	6 <sup>h</sup> 52'	3° 4	17°10'	22 <sup>h</sup> 13'	1 <sup>h</sup> 38'	0°14'	22°48'	11 <sup>h</sup> 40'
S 3	22 45 1	9°34'57"	1 <sup>m</sup> 3	7°56'	20°40'	0 <sup>h</sup> 8'	11°45'	6°49'	3° 5	17°10'	22°11'	1°30'	0°11'	22°54'	11°38'
M 4	22 48 58	10°33'09"	16°17'	9°52'	21°14'	0°12'	11°57'	6°45'	3° 6	17°10'	22°10'	1°20'	0° 8	23° 1	11°35'
T 5	22 52 55	11°31'23"	1 <sup>h</sup> 22'	11°46'	21°48'	0°20'	12° 9	6°42'	3° 7	17°10'	22° 9	1°10'	0° 5	23° 8	11°32'
W 6	22 56 51	12°29'39"	16° 8	13°40'	22°20'	0°26'	12°21'	6°39'	3° 9	17°10'	22° 8	1° 1	0° 2	23°14'	11°29'
T 7	23 0 48	13°27'57"	0 <sup>m</sup> 28'	15°33'	22°50'	0°32'	12°33'	6°36'	3°10	17°10'	22° 7	0°53'	29 <sup>h</sup> 11'	23°21'	11°26'
F 8	23 4 44	14°26'16"	14°19'	17°24'	23°19'	0°36'	12°45'	6°33'	3°11	17°11'	22° 5	0°47'	29°55'	23°28'	11°23'
S 9	23 8 41	15°24'36"	27°41'	19°15'	23°46'	0°40'	12°57'	6°30'	3°13	17°11'	22° 4	0°44'	29°52'	23°34'	11°20'
S 10	23 12 37	16°22'59"	10 <sup>h</sup> 35'	21° 4	24°12'	0°43'	13°10'	6°27'	3°14	17°11'	22° 3	0°42'	29°49'	23°41'	11°18'
M 11	23 16 34	17°21'22"	23° 7	22°52'	24°37'	0°45'	13°22'	6°24'	3°16	17°12'	22° 2	0°D42'	29°46'	23°48'	11°15'
T 12	23 20 30	18°19'48"	5 <sup>h</sup> 20'	24°40'	24°59'	0°46'	13°34'	6°21'	3°17	17°12'	22° 1	0°R42'	29°43'	23°55'	11°12'
W 13	23 24 27	19°18'15"	17°21'	26°26'	25°20'	0°R47'	13°46'	6°19'	3°19	17°13'	21°59'	0°41'	29°39'	24° 1	11° 9
T 14	23 28 24	20°16'44"	29°14'	28°11'	25°39'	0°46'	13°59'	6°16'	3°20	17°13'	21°58'	0°38'	29°36'	24° 8	11° 6
F 15	23 32 20	21°15'14"	11 <sup>h</sup> 3	29°55'	25°56'	0°45'	14°11'	6°14'	3°22	17°14'	21°57'	0°33'	29°33'	24°15'	11° 3
S 16	23 36 17	22°13'46"	22°53'	1 <sup>h</sup> 38'	26°11'	0°43'	14°24'	6°11'	3°24	17°14'	21°56'	0°24'	29°30'	24°21'	11° 1
S 17	23 40 13	23°12'20"	4 <sup>h</sup> 46'	3°19'	26°24'	0°39'	14°36'	6° 9	3°25	17°15'	21°55'	0°13'	29°27'	24°28'	10°58'
M 18	23 44 10	24°10'55"	16°44'	5° 0	26°35'	0°35'	14°49'	6° 7	3°27	17°15'	21°53'	29 <sup>h</sup> 11'	29°23'	24°35'	10°55'
T 19	23 48 6	25° 9'33"	28°49'	6°40'	26°44'	0°31'	15° 1	6° 4	3°29	17°16'	21°52'	29°46'	29°20'	24°41'	10°52'
W 20	23 52 3	26° 8'12"	11 <sup>h</sup> 1	8°19'	26°51'	0°25'	15°14'	6° 2	3°31	17°17'	21°51'	29°32'	29°17'	24°48'	10°49'
T 21	23 55 59	27° 6'54"	23°21'	9°56'	26°55'	0°18'	15°27'	6° 0	3°33	17°17'	21°50'	29°20'	29°14'	24°55'	10°47'
F 22	23 59 56	28° 5'37"	5 <sup>h</sup> 51'	11°33'	26°R57'	0°11'	15°39'	5°58'	3°35	17°18'	21°48'	29°10'	29°11'	25° 1	10°44'
S 23	0 3 53	29° 4'23"	18°31'	13° 9	26°57'	0° 3	15°52'	5°57'	3°37	17°19'	21°47'	29° 2	29° 8	25° 8	10°41'
S 24	0 7 49	0 <sup>h</sup> 3'11"	1 <sup>h</sup> 12'	14°44'	26°55'	29 <sup>h</sup> 53'	16° 5	5°55'	3°39	17°20'	21°46'	28°58'	29° 4	25°15'	10°39'
M 25	0 11 46	1° 2'02"	14°30'	16°18'	26°50'	29°43'	16°17'	5°53'	3°41	17°20'	21°45'	28°56'	29° 1	25°22'	10°36'
T 26	0 15 42	2° 0'54"	27°54'	17°51'	26°43'	29°33'	16°30'	5°52'	3°43	17°21'	21°44'	28°56'	28°58'	25°28'	10°33'
W 27	0 19 39	2°59'49"	11 <sup>h</sup> 37'	19°24'	26°33'	29°21'	16°43'	5°50'	3°45	17°22'	21°42'	28°56'	28°55'	25°35'	10°31'
T 28	0 23 35	3°58'47"	25°41'	20°55'	26°21'	29° 9	16°56'	5°49'	3°48	17°23'	21°41'	28°55'	28°52'	25°42'	10°28'
F 29	0 27 32	4°57'47"	10 <sup>h</sup> 05'	22°25'	26° 7	28°56'	17° 9	5°48'	3°50	17°24'	21°40'	28°52'	28°49'	25°48'	10°26'
S 30	0 31 28	5 <sup>h</sup> 56'48"	24 <sup>h</sup> 04'	23 <sup>h</sup> 55'	25 <sup>h</sup> 50'	28 <sup>h</sup> 42'	17 <sup>h</sup> 21'	5 <sup>h</sup> 47'	3 <sup>h</sup> 52	17 <sup>h</sup> 25'	21 <sup>h</sup> 39'	28 <sup>h</sup> 46'	28 <sup>h</sup> 45'	25 <sup>h</sup> 55'	10 <sup>h</sup> 23'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8n43	22n24	2n28	11n41	1n47	11s39	4s21	7n41	3s58	3s27	1n 8	19s22	0s50	20s42	0n 6
S 2	8 21	19 28	3 32	10 58	1 46	12 1	4 30	7 45	3 58	3 32	1 8	19 23	0 50	20 42	0 6
S 3	7 59	15 11	4 21	10 13	1 45	12 22	4 39	7 48	3 58	3 37	1 8	19 24	0 50	20 42	0 6
M 4	7 37	9 54	4 52	9 28	1 43	12 44	4 47	7 51	3 58	3 42	1 8	19 25	0 50	20 42	0 6
T 5	7 15	4 5	5 2	8 42	1 41	13 4	4 56	7 53	3 58	3 46	1 7	19 26	0 50	20 43	0 6
W 6	6 53	1s52	4 52	7 56	1 38	13 25	5 5	7 56	3 57	3 51	1 7	19 27	0 50	20 43	0 6
T 7	6 30	7 32	4 23	7 9	1 34	13 44	5 14	7 58	3 57	3 56	1 7	19 27	0 50	20 43	0 6
F 8	6 8	12 39	3 40	6 22	1 31	14 3	5 23	8 0	3 57	4 1	1 7	19 28	0 50	20 43	0 6
S 9	5 45	16 58	2 46	5 35	1 26	14 22	5 31	8 1	3 57	4 6	1 7	19 29	0 51	20 44	0 6
S 10	5 23	20 20	1 45	4 48	1 22	14 39	5 40	8 3	3 56	4 10	1 7	19 30	0 51	20 44	0 6
M 11	5 0	22 37	0 40	4 1	1 17	14 57	5 49	8 4	3 56	4 15	1 7	19 30	0 51	20 44	0 6
T 12	4 37	23 46	0s25	3 13	1 12	15 13	5 57	8 5	3 55	4 20	1 7	19 31	0 51	20 45	0 6
W 13	4 14	23 46	1 27	2 26	1 6	15 29	6 6	8 6	3 54	4 25	1 7	19 32	0 51	20 45	0 6
T 14	3 51	22 42	2 25	1 39	1 1	15 44	6 14	8 6	3 54	4 30	1 7	19 33	0 51	20 45	0 6
F 15	3 28	20 37	3 16	0 52	0 55	15 58	6 23	8 6	3 53	4 35	1 7	19 33	0 51	20 46	0 6
S 16	3 5	17 39	3 59	0 6	0 48	16 11	6 31	8 7	3 52	4 40	1 7	19 34	0 51	20 46	0 6
S 17	2 42	13 58	4 31	0s41	0 42	16 23	6 39	8 6	3 51	4 44	1 6	19 34	0 51	20 46	0 6
M 18	2 19	9 43	4 52	1 27	0 35	16 35	6 47	8 6	3 50	4 49	1 6	19 35	0 51	20 47	0 6
T 19	1 56	5 3	5 0	2 12	0 29	16 45	6 55	8 5	3 49	4 54	1 6	19 35	0 51	20 47	0 6
W 20	1 32	0 9	4 54	2 58	0 22	16 54	7 2	8 5	3 47	4 59	1 6	19 36	0 51	20 47	0 6
T 21	1 9	4n50	4 34	3 43	0 15	17 3	7 9	8 4	3 46	5 4	1 6	19 37	0 51	20 48	0 6
F 22	0 46	9 41	4 1	4 27	0 8	17 10	7 16	8 2	3 45	5 9	1 6	19 37	0 51	20 48	0 6
S 23	0 22	14 13	3 16	5 11	0 1	17 16	7 23	8 1	3 43	5 14	1 6	19 37	0 51	20 49	0 6
S 24	0s 1	18 11	2 20	5 55	0s 6	17 21	7 29	7 59	3 41	5 19	1 6	19 38	0 51	20 49	0 6
M 25	0 25	21 19	1 15	6 38	0 14	17 24	7 35	7 58	3 40	5 24	1 6	19 38	0 51	20 49	0 6
T 26	0 48	23 21	0 5	7 20	0 21	17 27	7 40	7 55	3 38	5 29	1 6	19 39	0 51	20 50	0 6
W 27	1 12	24 4	1n 7	8 2	0 28	17 28	7 45	7 53	3 36	5 34	1 6	19 39	0 51	20 50	0 6
T 28	1 35	23 16	2 16	8 43	0 36	17 27	7 49	7 51	3 34	5 39	1 6	19 39	0 51	20 51	0 6
F 29	1 58	20 56	3 19	9 24	0 43	17 25	7 53	7 48	3 32	5 44	1 6	19 40	0 51	20 51	0 6
S 30	2s22	17n11	4n10	10s 4	0s50	17s22	7s56	7n46	3s29	5s49	1n 6	19s40	0s51	20s52	0n 5

Julian Day Number = 2384217.5, Delta T = 12.15 sec  
 Ecliptic obliquity = 23°27'48", Nutation = - 0°00'16"  
 Ayanamsha: Fagan/Bradley = 22°10'00", Lahiri = 21°16'59"

SWISS EPHEMERIS for the year 1815

OCTOBER 1815

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	0 35 25	6♄55'53	9♃43	25♂24	25°R31	28°R27	17♂34	5°R46	3♂55	17♂26	21°R38	28°R37	28♂42	26♂2	10°R21
M 2	0 39 22	7°54'59	24°42	26°51	25♂10	28°R12	17°47	5♂45	3°57	17°27	21♂37	28♂26	28°39	26°9	10♂18
T 3	0 43 18	8°54'07	9♂37	28°18	24°46	27°56	18° 0	5°44	4° 0	17°28	21°35	28°15	28°36	26°15	10°16
W 4	0 47 15	9°53'18	24°18	29°44	24°21	27°40	18°13	5°43	4° 2	17°29	21°34	28° 4	28°33	26°22	10°13
T 5	0 51 11	10°52'30	8♂38	1♂ 9	23°54	27°23	18°26	5°42	4° 5	17°30	21°33	27°55	28°29	26°29	10°11
F 6	0 55 8	11°51'44	22°31	2°33	23°25	27° 6	18°39	5°42	4° 7	17°31	21°32	27°48	28°26	26°35	10° 9
S 7	0 59 4	12°51'01	5♂55	3°56	22°54	26°48	18°52	5°41	4°10	17°33	21°31	27°44	28°23	26°42	10° 6
S 8	1 3 1	13°50'19	18°53	5°18	22°22	26°30	19° 5	5°41	4°12	17°34	21°30	27°42	28°20	26°49	10° 4
M 9	1 6 57	14°49'39	1♂28	6°39	21°48	26°11	19°18	5°41	4°15	17°35	21°29	27°D42	28°17	26°55	10° 2
T 10	1 10 54	15°49'01	13°43	7°59	21°13	25°52	19°31	5°41	4°18	17°36	21°28	27°R42	28°14	27° 2	10° 0
W 11	1 14 50	16°48'24	25°45	9°18	20°38	25°33	19°44	5°D40	4°21	17°38	21°26	27°42	28°10	27° 9	9°58
T 12	1 18 47	17°47'49	7♂38	10°35	20° 2	25°14	19°57	5°41	4°23	17°39	21°25	27°40	28° 7	27°16	9°56
F 13	1 22 44	18°47'16	19°29	11°51	19°25	24°54	20°10	5°41	4°26	17°40	21°24	27°35	28° 4	27°22	9°53
S 14	1 26 40	19°46'45	1♂20	13° 6	18°48	24°35	20°23	5°41	4°29	17°42	21°23	27°28	28° 1	27°29	9°51
S 15	1 30 37	20°46'16	13°16	14°19	18°11	24°15	20°36	5°41	4°32	17°43	21°22	27°19	27°58	27°36	9°49
M 16	1 34 33	21°45'48	25°20	15°30	17°35	23°55	20°49	5°42	4°35	17°45	21°21	27° 8	27°54	27°42	9°48
T 17	1 38 30	22°45'22	7♂34	16°40	16°59	23°35	21° 2	5°42	4°38	17°46	21°20	26°56	27°51	27°49	9°46
W 18	1 42 26	23°44'59	19°34	17°48	16°24	23°16	21°15	5°43	4°41	17°48	21°19	26°44	27°48	27°56	9°44
T 19	1 46 23	24°44'37	2♂35	18°54	15°50	22°57	21°28	5°44	4°44	17°49	21°18	26°33	27°45	28° 2	9°42
F 20	1 50 19	25°44'17	15°23	19°57	15°18	22°37	21°41	5°45	4°47	17°51	21°17	26°25	27°42	28° 9	9°40
S 21	1 54 16	26°44'00	28°22	20°58	14°47	22°18	21°54	5°45	4°50	17°52	21°16	26°19	27°39	28°16	9°39
S 22	1 58 13	27°43'44	11♂31	21°55	14°17	21°59	22° 7	5°47	4°53	17°54	21°15	26°15	27°35	28°23	9°37
M 23	2 2 9	28°43'31	24°52	22°50	13°49	21°41	22°20	5°48	4°56	17°55	21°14	26°D14	27°32	28°29	9°35
T 24	2 6 6	29°43'21	8♂24	23°41	13°24	21°23	22°33	5°49	4°59	17°57	21°14	26°15	27°29	28°36	9°34
W 25	2 10 2	0♂43'12	22°10	24°29	13° 0	21° 5	22°46	5°50	5° 2	17°59	21°13	26°15	27°26	28°43	9°32
T 26	2 13 59	1°43'06	6♂ 8	25°12	12°39	20°48	22°59	5°52	5° 6	18° 0	21°12	26°R16	27°23	28°49	9°31
F 27	2 17 55	2°43'02	20°19	25°50	12°20	20°31	23°12	5°53	5° 9	18° 2	21°11	26°14	27°20	28°56	9°29
S 28	2 21 52	3°43'00	4♂42	26°24	12° 3	20°15	23°25	5°55	5°12	18° 4	21°10	26°11	27°16	29° 3	9°28
S 29	2 25 48	4°43'00	19°12	26°51	11°49	20° 0	23°38	5°57	5°15	18° 5	21° 9	26° 5	27°13	29° 9	9°27
M 30	2 29 45	5°43'02	3♂46	27°12	11°37	19°44	23°51	5°59	5°19	18° 7	21° 8	25°58	27°10	29°16	9°25
T 31	2 33 42	6♂43'06	18♂17	27♂26	11♂27	19°R30	24♂ 4	6♂ 1	5♂22	18♂ 9	21♂ 8	25♂49	27♂ 7	29♂23	9♂24

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	2s45	12n19	4n45	10s43	0s57	17s17	7s59	7n43	3s27	5s54	1n 6	19s40	0s51	20s52	0n 5	21s31	1n22	17s51	15s52	23n27	23n27	16s54	2s45	5n21
M 2	3 9	6 41	5 0	11 22	1 5	17 11	8 1	7 40	3 25	5 59	1 6	19 40	0 51	20 52	0 5	21 31	1 22	17 51	15 52	23 27	23 27	16 54	2 46	5 20
T 3	3 32	0 42	4 55	12 0	1 12	17 4	8 2	7 36	3 22	6 4	1 6	19 41	0 51	20 53	0 5	21 31	1 22	17 52	15 52	23 27	23 27	16 52	2 47	5 20
W 4	3 55	5s15	3 40	12 37	1 19	16 55	8 2	7 33	3 19	6 8	1 5	19 41	0 51	20 53	0 5	21 31	1 22	17 52	15 52	23 27	23 27	16 50	2 48	5 20
T 5	4 18	10 47	3 49	13 14	1 26	16 44	8 2	7 30	3 17	6 13	1 5	19 41	0 51	20 54	0 5	21 31	1 22	17 53	15 52	23 27	23 27	16 48	2 49	5 20
F 6	4 42	15 36	2 55	13 50	1 33	16 32	8 1	7 26	3 14	6 18	1 5	19 41	0 51	20 54	0 5	21 31	1 22	17 53	15 51	23 27	23 27	16 46	2 50	5 19
S 7	5 5	19 28	1 53	14 24	1 40	16 18	7 59	7 23	3 11	6 23	1 5	19 41	0 51	20 55	0 5	21 31	1 22	17 53	15 51	23 27	23 27	16 44	2 51	5 19
S 8	5 28	22 13	0 47	14 59	1 46	16 3	7 56	7 19	3 8	6 28	1 5	19 41	0 51	20 55	0 5	21 32	1 22	17 54	15 51	23 27	23 27	16 43	2 53	5 19
M 9	5 51	23 47	0s20	15 32	1 53	15 47	7 52	7 15	3 5	6 33	1 5	19 41	0 51	20 56	0 5	21 32	1 22	17 54	15 51	23 27	23 27	16 41	2 54	5 19
T 10	6 14	24 9	1 24	16 4	1 59	15 30	7 47	7 11	3 1	6 38	1 5	19 41	0 51	20 56	0 5	21 32	1 21	17 54	15 51	23 27	23 27	16 39	2 55	5 18
W 11	6 37	23 22	2 23	16 35	2 6	15 11	7 42	7 8	2 58	6 43	1 5	19 41	0 51	20 57	0 5	21 32	1 21	17 55	15 51	23 27	23 27	16 37	2 56	5 18
T 12	6 59	21 31	3 15	17 6	2 12	14 51	7 35	7 4	2 55	6 48	1 5	19 41	0 51	20 57	0 5	21 32	1 21	17 55	15 51	23 27	23 27	16 35	2 57	5 18
F 13	7 22	18 46	3 59	17 35	2 18	14 30	7 28	7 0	2 51	6 53	1 5	19 41	0 51	20 58	0 5	21 32	1 21	17 55	15 51	23 26	23 27	16 33	2 58	5 18
S 14	7 45	15 15	4 32	18 4	2 23	14 9	7 20	6 56	2 48	6 58	1 5	19 41	0 51	20 59	0 5	21 33	1 21	17 55	15 50	23 26	23 27	16 31	2 59	5 17
S 15	8 7	11 6	5 44	18 31	2 29	13 46	7 11	6 52	2 44	7 3	1 5	19 41	0 51	20 59	0 5	21 33	1 21	17 56	15 50	23 26	23 27	16 29	3 0	5 17
M 16	8 29	6 29	5 2	18 57	2 34	13 23	7 1	6 48	2 40	7 8	1 5	19 41	0 51	21 0	0 5	21 33	1 21	17 56	15 50	23 26	23 27	16 27	3 1	5 17
T 17	8 52	1 33	4 57	19 22	2 38	13 0	6 51	6 45	2 36	7 13	1 5	19 41	0 51	21 0	0 5	21 33	1 21	17 56	15 50	23 26	23 27	16 25	3 2	5 17
W 18	9 14	3n31	4 38	19 45	2 43	12 36	6 40	6 41	2 33	7 18	1 5	19 41	0 51	21 1	0 5	21 33	1 21	17 56	15 50	23 25	23 27	16 23	3 3	5 16
T 19	9 36	8 32	4 6	20 8	2 47	12 12	6 28	6 38	2 29	7 22	1 5	19 41	0 51	21 1	0 5	21 34	1 21	17 57	15 50	23 25	23 27	16 21	3 4	5 16
F 20	9 57	13 17	3 20	20 29	2 50	11 48	6 15	6 34	2 25	7 27	1 5	19 40	0 51	21 2	0 5	21 34	1 21	17 57	15 49	23 25	23 27	16 20	3 4	5 16
S 21	10 19	17 29	2 23	20 48	2 53	11 23	6 2	6 31	2 21	7 32	1 5	19 40	0 51	21 2	0 5	21 34	1 21	17 57	15 49	23 25	23 27	16 18	3 5	5 15
S 22	10 41	20 54	1 18	21 6	2 56	11 0	5 49	6 27	2 17	7 37	1 5	19 40	0 51	21 3	0 5	21 34	1 21	17 57	15 49	23 25	23 26	16 16	3 6	5 15
M 23	11 2	23 14	0 7	21 22	2 58	10 36	5 35	6 24	2 13	7 42	1 5	19 40	0 51	21 4	0 5	21 34	1 21	17 57	15 49	23 25	23 26	16 14	3 7	5 15
T 24	11 23	24 16	1n 5	21 37	3 0	10 13	5 21	6 21	2 9	7 47	1 5	19 39	0 51	21 4	0 5	21 34	1 21	17 58	15 49	23 25	23 26	16 12	3 8	5 15
W 25	11 44	23 51	2 14	21 49	3 0	9 51	5 7	6 19	2 5	7 51	1 5	19 39	0 51	21 5	0 5	21 35	1 21	17 58	15 48	23 25	23 26	16 10	3 9	5 14
T 26	12 5	21 56	3 17	22 0	3 0	9 29	4 52	6 16	2 1	7 56	1 5	19 39	0 51	21 5	0 5	21 35	1 21	17 58	15 48	23 25	23 26	16 8	3 10	5 14
F 27	12 26	18 39	4 9	22 9	3 0	9 8	4 38	6 13	1 57	8 1	1 5	19 38	0 51	21 6	0 5	21 35	1 21	17 58	15 48	23 25	23 26	16 6	3 10	5 14
S 28	12 46	14 13	4 45	22 15	2 58	8 48	4 23	6 11	1 53	8 6	1 5	19 38	0 51	21 7	0 5	21 35	1 21	17 58	15 48	23 24	23 26	16 4	3 11	5 13
S 29	13 6	8 56	5 4	22 19	2 55	8 29</																		

SWISS EPHEMERIS for the year 1815

NOVEMBER 1815

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	2 37 38	7♏43'13	2♏37	27°R32	11°R20	19°R16	24♌17	6♋ 3	5♊25	18♏11	21°R 7	25°R41	27♏ 4	29♏30	9°R23
T 2	2 41 35	8°43'21	16°42	27♏30	11♏16	19°R 3	24°30	6° 5	5°29	18°13	21♏ 6	25♏35	27° 0	29°36	9♏22
F 3	2 45 31	9°43'31	0♊26	27°19	11°D14	18°51	24°43	6° 7	5°32	18°15	21° 5	25°30	26°57	29°43	9°21
S 4	2 49 28	10°43'43	13°47	26°59	11°14	18°39	24°55	6° 9	5°36	18°16	21° 5	25°27	26°54	29°50	9°20
S 5	2 53 24	11°43'57	26°44	26°29	11°17	18°28	25° 8	6°12	5°39	18°18	21° 4	25°D26	26°51	29°56	9°19
M 6	2 57 21	12°44'12	9♌20	25°49	11°22	18°18	25°21	6°14	5°43	18°20	21° 3	25°27	26°48	0♏ 3	9°18
T 7	3 1 17	13°44'28	21°38	25° 0	11°30	18° 9	25°34	6°17	5°46	18°22	21° 3	25°29	26°45	0°10	9°17
W 8	3 5 14	14°44'46	3♌42	24° 1	11°39	18° 0	25°46	6°20	5°50	18°24	21° 2	25°30	26°41	0°17	9°16
T 9	3 9 11	15°45'06	15°37	22°54	11°51	17°52	25°59	6°22	5°53	18°26	21° 1	25°R31	26°38	0°23	9°16
F 10	3 13 7	16°45'27	27°29	21°41	12° 5	17°46	26°12	6°25	5°57	18°28	21° 1	25°30	26°35	0°30	9°15
S 11	3 17 4	17°45'49	9♏21	20°23	12°21	17°39	26°24	6°28	6° 0	18°30	21° 0	25°28	26°32	0°37	9°14
S 12	3 21 0	18°46'13	21°20	19° 3	12°39	17°34	26°37	6°31	6° 4	18°32	21° 0	25°24	26°29	0°43	9°14
M13	3 24 57	19°46'38	3♏28	17°43	12°59	17°30	26°49	6°35	6° 7	18°34	20°59	25°18	26°26	0°50	9°13
T 14	3 28 53	20°47'05	15°49	16°25	13°21	17°26	27° 2	6°38	6°11	18°36	20°58	25°12	26°22	0°57	9°13
W15	3 32 50	21°47'33	28°24	15°14	13°45	17°23	27°14	6°41	6°14	18°38	20°58	25° 6	26°19	1° 4	9°13
T 16	3 36 46	22°48'02	11♏16	14° 9	14°11	17°21	27°27	6°45	6°18	18°40	20°57	25° 0	26°16	1°10	9°12
F 17	3 40 43	23°48'33	24°23	13°15	14°38	17°20	27°39	6°48	6°22	18°42	20°57	24°56	26°13	1°17	9°12
S 18	3 44 40	24°49'06	7♏24	12°31	15° 7	17°D20	27°51	6°52	6°25	18°44	20°57	24°53	26°10	1°24	9°12
S 19	3 48 36	25°49'40	21°19	11°58	15°38	17°20	28° 4	6°56	6°29	18°47	20°56	24°D52	26° 6	1°30	9°12
M20	3 52 33	26°50'16	5♏ 4	11°37	16°10	17°21	28°16	6°59	6°33	18°49	20°56	24°52	26° 3	1°37	9°12
T 21	3 56 29	27°50'54	18°59	11°D28	16°44	17°23	28°28	7° 3	6°36	18°51	20°55	24°54	26° 0	1°44	9°D12
W22	4 0 26	28°51'33	3♏ 0	11°30	17°19	17°26	28°40	7° 7	6°40	18°53	20°55	24°55	25°57	1°51	9°12
T 23	4 4 22	29°52'14	17° 6	11°42	17°55	17°29	28°52	7°11	6°43	18°55	20°55	24°57	25°54	1°57	9°12
F 24	4 8 19	0♊52'56	1♏15	12° 4	18°33	17°33	29° 4	7°15	6°47	18°57	20°54	24°R57	25°51	2° 4	9°12
S 25	4 12 15	1°53'40	15°27	12°35	19°12	17°38	29°16	7°20	6°51	19° 0	20°54	24°56	25°47	2°11	9°12
S 26	4 16 12	2°54'26	29°37	13°13	19°53	17°44	29°28	7°24	6°55	19° 2	20°54	24°55	25°44	2°17	9°13
M27	4 20 9	3°55'13	13♏45	13°59	20°34	17°51	29°40	7°28	6°58	19° 4	20°54	24°52	25°41	2°24	9°13
T 28	4 24 5	4°56'02	27°46	14°51	21°17	17°58	29°52	7°33	7° 2	19° 6	20°54	24°49	25°38	2°31	9°13
W29	4 28 2	5°56'52	11♏37	15°48	22° 1	18° 5	0♏ 4	7°37	7° 6	19° 8	20°53	24°46	25°35	2°37	9°14
T 30	4 31 58	6♊57'43	25♏16	16♏50	22♏46	18°R14	0♏16	7♋42	7♊ 9	19♏11	20♏53	24♏44	25♏32	2♏44	9♏14

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	14s 6	8s33	4n 6	22s14	2s40	7s37	3s24	6n 4	1s36	8s25	1n 5	19s36	0s51	21s 9	0n 5	21s36	1n21	17s59	15s47	23n24	23n26	15s56	3s14	5n12
T 2	14 25	13 45	3 13	22 6	2 32	7 22	3 9	6 3	1 32	8 29	1 5	19 35	0 51	21 10	0 5	21 36	1 21	17 59	15 46	23 23	23 26	15 54	3 15	5 12
F 3	14 45	18 8	2 11	21 54	2 23	7 8	2 55	6 2	1 28	8 34	1 5	19 35	0 51	21 10	0 5	21 36	1 20	17 59	15 46	23 23	23 26	15 52	3 16	5 11
S 4	15 3	21 26	1 3	21 39	2 12	6 55	2 41	6 1	1 24	8 39	1 5	19 34	0 51	21 11	0 5	21 37	1 20	17 59	15 46	23 23	23 26	15 50	3 16	5 11
S 5	15 22	23 32	0s 7	21 20	2 0	6 43	2 27	6 0	1 20	8 43	1 5	19 33	0 51	21 11	0 5	21 37	1 20	17 59	15 46	23 23	23 26	15 48	3 17	5 11
M 6	15 41	24 23	1 15	20 57	1 46	6 33	2 13	6 0	1 17	8 48	1 5	19 33	0 51	21 12	0 5	21 37	1 20	17 59	15 45	23 23	23 25	15 46	3 18	5 10
T 7	15 59	23 59	2 17	20 29	1 30	6 23	2 0	6 0	1 13	8 53	1 5	19 32	0 51	21 13	0 5	21 37	1 20	17 59	15 45	23 23	23 25	15 44	3 18	5 10
W 8	16 17	22 28	3 13	19 58	1 13	6 15	1 47	6 0	1 9	8 57	1 5	19 32	0 51	21 13	0 5	21 37	1 20	17 59	15 45	23 23	23 25	15 42	3 19	5 10
T 9	16 34	19 58	3 59	19 23	0 54	6 8	1 34	6 1	1 5	9 2	1 5	19 31	0 50	21 14	0 5	21 38	1 20	17 59	15 45	23 23	23 25	15 40	3 19	5 9
F 10	16 52	16 39	4 35	18 45	0 34	6 2	1 21	6 2	1 1	9 6	1 6	19 30	0 50	21 15	0 5	21 38	1 20	17 59	15 44	23 23	23 25	15 38	3 20	5 9
S 11	17 9	12 41	4 59	18 5	0 14	5 57	1 9	6 3	0 58	9 11	1 6	19 29	0 50	21 15	0 5	21 38	1 20	17 59	15 44	23 23	23 25	15 36	3 21	5 9
S 12	17 25	8 11	5 10	17 23	0n 7	5 53	0 57	6 4	0 54	9 15	1 6	19 29	0 50	21 16	0 5	21 38	1 20	17 59	15 44	23 23	23 25	15 34	3 21	5 8
M13	17 42	3 20	5 8	16 41	0 27	5 50	0 45	6 6	0 51	9 20	1 6	19 28	0 50	21 16	0 5	21 38	1 20	17 59	15 43	23 23	23 25	15 31	3 22	5 8
T 14	17 58	1n45	4 51	16 1	0 47	5 48	0 34	6 8	0 47	9 24	1 6	19 27	0 50	21 17	0 5	21 39	1 20	17 59	15 43	23 23	23 25	15 29	3 22	5 8
W15	18 14	6 52	4 20	15 22	1 6	5 47	0 23	6 10	0 44	9 29	1 6	19 26	0 50	21 18	0 5	21 39	1 20	17 59	15 43	23 22	23 25	15 27	3 23	5 7
T 16	18 29	11 48	3 36	14 47	1 23	5 47	0 12	6 12	0 40	9 33	1 6	19 25	0 50	21 18	0 5	21 39	1 20	17 59	15 43	23 22	23 25	15 25	3 23	5 7
F 17	18 45	16 19	2 39	14 16	1 38	5 48	0 2	6 15	0 37	9 37	1 6	19 24	0 50	21 19	0 5	21 39	1 20	17 58	15 42	23 22	23 25	15 23	3 23	5 7
S 18	18 59	20 6	1 32	13 50	1 52	5 50	0n 8	6 18	0 34	9 42	1 6	19 23	0 50	21 20	0 5	21 39	1 20	17 58	15 42	23 22	23 24	15 21	3 24	5 6
S 19	19 14	22 51	0 19	13 29	2 3	5 53	0 18	6 21	0 30	9 46	1 6	19 22	0 50	21 20	0 5	21 40	1 20	17 58	15 42	23 22	23 24	15 19	3 24	5 6
M20	19 28	24 18	0n56	13 14	2 12	5 57	0 27	6 24	0 27	9 50	1 6	19 21	0 50	21 21	0 5	21 40	1 20	17 58	15 41	23 22	23 24	15 17	3 25	5 5
T 21	19 42	24 14	2 8	13 4	2 20	6 1	0 36	6 28	0 24	9 55	1 6	19 20	0 50	21 21	0 5	21 40	1 20	17 58	15 41	23 22	23 24	15 15	3 25	5 5
W22	19 55	22 39	3 14	13 0	2 25	6 7	0 45	6 32	0 21	9 59	1 6	19 19	0 50	21 22	0 5	21 40	1 20	17 58	15 41	23 22	23 24	15 13	3 25	5 5
T 23	20 9	19 40	4 9	13 0	2 29	6 13	0 53	6 36	0 18	10 3	1 6	19 18	0 50	21 23	0 5	21 40	1 20	17 58	15 40	23 22	23 24	15 11	3 25	5 4
F 24	20 21	15 31	4 48	13 5	2 31	6 20	1 2	6 40	0 15	10 7	1 6	19 17	0 50	21 23	0 5	21 41	1 20	17 57	15 40	23 22	23 24	15 9	3 26	5 4
S 25	20 34	10 30	5 10	13 13	2 31	6 27	1 9	6 44	0 12	10 12	1 6	19 16	0 50	21 24	0 5	21 41	1 20	17 57	15 40	23 22	23 24	15 6	3 26	5 4
S 26	20 46	4 57	5 13	13 25	2 31	6 36	1 17	6 49	0 9	10 16	1 6	19 15	0 50	21 25	0 5	21 41	1 20	17 57	15 39	23 22	23 24	15 4	3 26	5 3
M27	20 57	0s51	4 58	13 41	2 29	6 44	1 24	6 54	0 7	10 20	1 6	19 14	0 50	21 25	0 5	21 41	1 20	17 57	15 39	23 22	23 24	15 2	3 26	5 3
T 28	21 8	6 34	4 24	13 58	2 27	6 54	1 31	6 59	0 4	10 24	1 7	19 13	0 50	21 26	0 5	21 41	1 20	17 57	15 39	23 22	23 23	15 0	3 27	5 3
W29	21 19	11 55	3 36	14 18	2 23	7 4	1 38	7 5	0 1	10 28	1 7	19 12	0 50	21 26	0 5	21 42	1 20	17 56	15 38	23 22	23 23	14 58	3 27	5 2
T 30	21s30																							

SWISS EPHEMERIS for the year 1815

DECEMBER 1815

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	4 35 55	7♌58°36'	8♌39°	17♍56	23♋31	18♌23	0♍27	7♌46	7♌13	19♌13	20°R53	24°R43	25♋28	2♌51	9♌15
S 2	4 39 51	8°59'30"	21°46'	19° 6'	24°18'	18°33'	0°39'	7°51'	7°17'	19°15'	20°H53	24°D42	25°25'	2°58'	9°15'
S 3	4 43 48	10° 0'25"	4♌35	20°19'	25° 6'	18°44'	0°50'	7°56'	7°20'	19°17'	20°53'	24♋42	25°22'	3° 4'	9°16'
M 4	4 47 44	11° 1'21"	17° 7'	21°34'	25°55'	18°55'	1° 2'	8° 1'	7°24'	19°20'	20°53'	24°43'	25°19'	3°11'	9°17'
T 5	4 51 41	12° 2'18"	29°24'	22°52'	26°44'	19° 7'	1°13'	8° 6'	7°28'	19°22'	20°53'	24°44'	25°16'	3°18'	9°18'
W 6	4 55 38	13° 3'15"	11♌28	24°12'	27°34'	19°19'	1°24'	8°11'	7°31'	19°24'	20°D53	24°45'	25°12'	3°24'	9°19'
T 7	4 59 34	14° 4'14"	23°24'	25°33'	28°25'	19°32'	1°36'	8°16'	7°35'	19°26'	20°53'	24°46'	25° 9'	3°31'	9°20'
F 8	5 3 31	15° 5'12"	5♌16	26°56'	29°17'	19°46'	1°47'	8°21'	7°39'	19°29'	20°53'	24°47'	25° 6'	3°38'	9°21'
S 9	5 7 27	16° 6'12"	17° 9'	28°20'	0♍10	20° 0'	1°58'	8°26'	7°42'	19°31'	20°53'	24°R47	25° 3'	3°45'	9°22'
S 10	5 11 24	17° 7'12"	29° 7'	29°45'	1° 3'	20°15'	2° 9'	8°32'	7°46'	19°33'	20°53'	24°47'	25° 0'	3°51'	9°23'
M 11	5 15 20	18° 8'13"	11♌14	1♌11	1°57'	20°30'	2°20'	8°37'	7°50'	19°35'	20°53'	24°47'	24°57'	3°58'	9°24'
T 12	5 19 17	19° 9'14"	23°36'	2°38'	2°52'	20°46'	2°30'	8°43'	7°53'	19°38'	20°53'	24°46'	24°53'	4° 5'	9°25'
W 13	5 23 13	20°10'15"	6♌15	4° 6'	3°47'	21° 3'	2°41'	8°48'	7°57'	19°40'	20°53'	24°45'	24°50'	4°11'	9°26'
T 14	5 27 10	21°11'18"	19°15'	5°34'	4°43'	21°20'	2°52'	8°54'	8° 1'	19°42'	20°54'	24°45'	24°47'	4°18'	9°28'
F 15	5 31 7	22°12'20"	2♋36	7° 3'	5°39'	21°37'	3° 2'	8°59'	8° 4'	19°44'	20°54'	24°44'	24°44'	4°25'	9°29'
S 16	5 35 3	23°13'24"	16°17'	8°32'	6°36'	21°55'	3°13'	9° 5'	8° 8'	19°47'	20°54'	24°44'	24°41'	4°32'	9°31'
S 17	5 39 0	24°14'28"	0♌17	10° 2'	7°34'	22°13'	3°23'	9°11'	8°11'	19°49'	20°54'	24°44'	24°38'	4°38'	9°32'
M 18	5 42 56	25°15'33"	14°31'	11°32'	8°32'	22°32'	3°34'	9°16'	8°15'	19°51'	20°55'	24°44'	24°34'	4°45'	9°34'
T 19	5 46 53	26°16'38"	28°55'	13° 2'	9°31'	22°52'	3°44'	9°22'	8°19'	19°53'	20°55'	24°44'	24°31'	4°52'	9°35'
W 20	5 50 49	27°17'44"	13♌24	14°33'	10°30'	23°11'	3°54'	9°28'	8°22'	19°56'	20°55'	24°44'	24°28'	4°58'	9°37'
T 21	5 54 46	28°18'50"	27°51'	16° 4'	11°30'	23°32'	4° 4'	9°34'	8°26'	19°58'	20°56'	24°44'	24°25'	5° 5'	9°39'
F 22	5 58 43	29°19'58"	12♋14	17°36'	12°30'	23°52'	4°14'	9°40'	8°29'	20° 0'	20°56'	24°43'	24°22'	5°12'	9°40'
S 23	6 2 39	0♌21°05'	26°28'	19° 7'	13°30'	24°13'	4°24'	9°46'	8°33'	20° 2'	20°56'	24°D43	24°18'	5°19'	9°42'
S 24	6 6 36	1°22'14"	10♌30	20°39'	14°31'	24°34'	4°34'	9°52'	8°36'	20° 5'	20°57'	24°43'	24°15'	5°25'	9°44'
M 25	6 10 32	2°23'23"	24°21'	22°11'	15°33'	24°56'	4°43'	9°59'	8°40'	20° 7'	20°57'	24°43'	24°12'	5°32'	9°46'
T 26	6 14 29	3°24'33"	7♌58	23°44'	16°34'	25°18'	4°53'	10° 5'	8°43'	20° 9'	20°58'	24°44'	24° 9'	5°39'	9°48'
W 27	6 18 25	4°25'43"	21°23'	25°17'	17°37'	25°41'	5° 2'	10°11'	8°46'	20°11'	20°58'	24°45'	24° 6'	5°46'	9°50'
T 28	6 22 22	5°26'54"	4♌34	26°50'	18°39'	26° 4'	5°11'	10°17'	8°50'	20°14'	20°59'	24°46'	24° 3'	5°52'	9°52'
F 29	6 26 18	6°28'05"	17°33'	28°23'	19°42'	26°27'	5°21'	10°24'	8°53'	20°16'	20°59'	24°47'	23°59'	5°59'	9°54'
S 30	6 30 15	7°29'16"	0♌18	29°57'	20°45'	26°51'	5°30'	10°30'	8°57'	20°18'	21° 0'	24°R47	23°56'	6° 6'	9°56'
S 31	6 34 12	8♌30°28'	12♌52	1♌31	21♌49	27♌15	5♍39	10♌36	9♌ 0'	20♌20	21♌ 1'	24♋46	23♋53	6♌12	9♌58

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	21s40	20s20	1n27	15s 3	2n14	7s26	1n51	7n16	0n 4	10s36	1n 7	19s 9	0s50	21s28	0n 5	21s42	1n20	17s56	15s38	23n21	23n23	14s54	3s27	5n 2
S 2	21 49	22 56	0 16	15 27	2 9	7 38	1 56	7 22	0 6	10 40	1 7	19 8	0 50	21 28	0 5	21 42	1 20	17 56	15 37	23 21	23 23	14 52	3 27	5 1
S 3	21 58	24 17	0s54	15 52	2 3	7 50	2 2	7 28	0 8	10 44	1 7	19 7	0 50	21 29	0 5	21 42	1 20	17 55	15 37	23 21	23 23	14 49	3 27	5 1
M 4	22 7	24 22	1 16	16 18	1 57	8 2	2 7	7 35	0 11	10 48	1 7	19 6	0 50	21 30	0 5	21 43	1 20	17 55	15 37	23 21	23 23	14 47	3 27	5 1
T 5	22 15	23 14	3 0	16 44	1 50	8 16	2 12	7 41	0 13	10 52	1 7	19 4	0 50	21 30	0 5	21 43	1 20	17 55	15 36	23 22	23 23	14 45	3 27	5 0
W 6	22 23	21 3	3 51	17 10	1 44	8 29	2 17	7 48	0 15	10 55	1 7	19 3	0 50	21 31	0 5	21 43	1 20	17 54	15 36	23 22	23 23	14 43	3 27	5 0
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