

SWISS EPHEMERIS for the year 1819

JANUARY 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♂	♁
F 1	6 39 13	9♄8'15	10♃30	23°R53	1°R12	27♂30	21♂21	13♃20	21♂31	26♂43	24♃27	26°R32	25°Y48	8♄25	21♃19
S 2	6 43 10	10°49'26	24°15	23♂23	0♂39	28°15	21°35	13°25	21°34	26°45	24°28	26°Y29	25°45	8°32	21°21
S 3	6 47 7	11°50'37	7°Y30	22°41	0° 9	29° 0	21°49	13°30	21°38	26°47	24°29	26°D28	25°41	8°39	21°23
M 4	6 51 3	12°51'47	20°21	21°48	29♂40	29°45	22° 3	13°34	21°41	26°49	24°29	26°R28	25°38	8°45	21°24
T 5	6 55 0	13°52'56	2♂51	20°46	29°12	0♂30	22°17	13°39	21°44	26°52	24°30	26°28	25°35	8°52	21°26
W 6	6 58 56	14°54'05	15° 5	19°36	28°47	1°15	22°31	13°44	21°48	26°54	24°30	26°27	25°32	8°59	21°28
T 7	7 2 53	15°55'14	27° 8	18°20	28°24	2° 0	22°45	13°49	21°51	26°56	24°31	26°23	25°29	9° 6	21°30
F 8	7 6 49	16°56'23	9♂11	17° 0	28° 3	2°45	22°59	13°54	21°55	26°58	24°32	26°16	25°26	9°12	21°32
S 9	7 10 46	17°57'31	20°57	15°40	27°45	3°30	23°13	13°59	21°58	27° 0	24°33	26° 7	25°22	9°19	21°34
S 10	7 14 42	18°58'38	2♄48	14°22	27°28	4°15	23°27	14° 5	22° 1	27° 2	24°33	25°54	25°19	9°26	21°36
M11	7 18 39	19°59'46	14°41	13° 8	27°15	5° 0	23°42	14°10	22° 5	27° 5	24°34	25°40	25°16	9°32	21°38
T 12	7 22 36	21° 0'52	26°35	11°59	27° 3	5°45	23°56	14°15	22° 8	27° 7	24°35	25°25	25°13	9°39	21°40
W13	7 26 32	22° 1'59	8♂33	10°59	26°55	6°31	24°10	14°21	22°11	27° 9	24°36	25°10	25°10	9°46	21°42
T 14	7 30 29	23° 3'05	20°35	10° 7	26°49	7°16	24°24	14°26	22°15	27°11	24°36	24°57	25° 6	9°53	21°45
F 15	7 34 25	24° 4'10	2♃43	9°24	26°45	8° 1	24°38	14°32	22°18	27°13	24°37	24°46	25° 3	9°59	21°47
S 16	7 38 22	25° 5'16	14°59	8°51	26°D44	8°47	24°52	14°37	22°21	27°15	24°38	24°38	25° 0	10° 6	21°49
S 17	7 42 18	26° 6'20	27°26	8°27	26°45	9°32	25° 6	14°43	22°24	27°17	24°39	24°34	24°57	10°13	21°52
M18	7 46 15	27° 7'25	10♂11	8°12	26°48	10°18	25°20	14°49	22°28	27°19	24°40	24°32	24°54	10°19	21°54
T 19	7 50 11	28° 8'29	23° 6	8°D 6	26°54	11° 3	25°34	14°54	22°31	27°21	24°41	24°31	24°51	10°26	21°56
W20	7 54 8	29° 9'33	6♂27	8° 9	27° 3	11°49	25°48	15° 0	22°34	27°23	24°42	24°31	24°47	10°33	21°59
T 21	7 58 5	0♂10'36	20°12	8°19	27°13	12°34	26° 3	15° 6	22°37	27°25	24°43	24°30	24°44	10°40	22° 1
F 22	8 2 1	1°11'39	4♂24	8°37	27°26	13°20	26°17	15°12	22°40	27°27	24°44	24°27	24°41	10°46	22° 4
S 23	8 5 58	2°12'42	19° 1	9° 1	27°41	14° 5	26°31	15°18	22°43	27°29	24°45	24°21	24°38	10°53	22° 7
S 24	8 9 54	3°13'44	3♂59	9°31	27°58	14°51	26°45	15°24	22°46	27°31	24°46	24°12	24°35	11° 0	22° 9
M25	8 13 51	4°14'45	19°11	10° 6	28°17	15°37	26°59	15°30	22°49	27°33	24°47	24° 2	24°32	11° 7	22°12
T 26	8 17 47	5°15'46	4♂27	10°46	28°38	16°23	27°13	15°37	22°52	27°35	24°48	23°50	24°28	11°13	22°15
W27	8 21 44	6°16'45	19°34	11°31	29° 1	17° 8	27°27	15°43	22°55	27°37	24°49	23°39	24°25	11°20	22°17
T 28	8 25 40	7°17'44	4♃23	12°20	29°25	17°54	27°41	15°49	22°58	27°39	24°50	23°29	24°22	11°27	22°20
F 29	8 29 37	8°18'41	18°47	13°12	29°52	18°40	27°55	15°55	23° 1	27°40	24°51	23°23	24°19	11°33	22°23
S 30	8 33 34	9°19'37	2°Y41	14° 8	0♂20	19°26	28° 9	16° 2	23° 3	27°42	24°52	23°19	24°16	11°40	22°26
S 31	8 37 30	10♂20'31	16°Y 5	15♂ 7	0♂49	20♂12	28♂23	16♃ 8	23♂ 6	27♂44	24♃53	23°Y17	24°Y12	11♄47	22♃29

Day	☉		☽		♀		♂		♃		♄		♅		♆		♇		♁		♂		♁		♂	
	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	23s 6	11s 0	3s38	20s32	0n50	19s13	4n15	24s 1	0s35	22s 3	0s17	8s24	2s 0	23s17	0s 6	22s14	1n12	16s43	15s52	10n15	9n59	28n 6	0n 5	3n51		
S 2	23 1	4 46	2 42	20 18	1 9	19 1	4 27	24 3	0 36	22 1	0 17	8 22	2 0	23 18	0 6	22 14	1 12	16 43	15 52	10 14	9 58	28 6	0 6	3 51		
S 3	22 56	1n28	1 39	20 6	1 28	18 50	4 38	24 4	0 36	21 59	0 17	8 20	2 0	23 18	0 6	22 14	1 12	16 42	15 51	10 13	9 56	28 6	0 6	3 50		
M 4	22 51	7 27	0 32	19 56	1 48	18 40	4 48	24 5	0 37	21 57	0 17	8 18	1 59	23 18	0 6	22 14	1 12	16 42	15 51	10 13	9 55	28 5	0 7	3 50		
T 5	22 44	13 0	0n34	19 47	2 6	18 30	4 58	24 5	0 37	21 54	0 18	8 16	1 59	23 18	0 6	22 14	1 12	16 41	15 51	10 13	9 54	28 5	0 7	3 50		
W 6	22 38	17 55	1 37	19 40	2 23	18 21	5 7	24 5	0 38	21 52	0 18	8 14	1 59	23 18	0 6	22 14	1 12	16 41	15 50	10 13	9 53	28 5	0 8	3 50		
T 7	22 31	22 3	2 34	19 35	2 39	18 12	5 15	24 5	0 38	21 50	0 18	8 12	1 59	23 19	0 6	22 14	1 12	16 40	15 50	10 11	9 52	28 5	0 8	3 49		
F 8	22 23	25 12	3 25	19 32	2 53	18 5	5 22	24 5	0 39	21 48	0 18	8 10	1 59	23 19	0 6	22 14	1 12	16 40	15 50	10 9	9 51	28 4	0 9	3 49		
S 9	22 16	27 14	4 5	19 30	3 4	17 57	5 29	24 5	0 40	21 46	0 18	8 8	1 59	23 19	0 6	22 14	1 12	16 39	15 49	10 6	9 49	28 4	0 9	3 49		
S 10	22 7	28 2	4 36	19 30	3 13	17 51	5 35	24 4	0 40	21 43	0 18	8 6	1 59	23 19	0 6	22 14	1 12	16 38	15 49	10 1	9 48	28 4	0 10	3 49		
M11	21 58	27 31	4 54	19 31	3 19	17 45	5 41	24 3	0 41	21 41	0 18	8 4	1 59	23 20	0 6	22 14	1 12	16 38	15 49	9 56	9 47	28 4	0 11	3 48		
T 12	21 49	25 45	4 59	19 33	3 23	17 40	5 46	24 2	0 41	21 39	0 18	8 1	1 58	23 20	0 6	22 14	1 12	16 37	15 48	9 50	9 46	28 3	0 11	3 48		
W13	21 40	22 49	4 51	19 37	3 25	17 36	5 50	24 0	0 42	21 36	0 18	7 59	1 58	23 20	0 6	22 14	1 12	16 37	15 48	9 45	9 45	28 3	0 12	3 48		
T 14	21 30	18 55	4 30	19 42	3 24	17 32	5 54	23 58	0 42	21 34	0 18	7 57	1 58	23 20	0 6	22 15	1 12	16 36	15 48	9 40	9 44	28 3	0 12	3 48		
F 15	21 19	14 12	3 57	19 47	3 21	17 29	5 57	23 56	0 43	21 31	0 18	7 55	1 58	23 20	0 6	22 15	1 12	16 35	15 47	9 36	9 42	28 3	0 13	3 47		
S 16	21 8	8 52	3 12	19 54	3 17	17 26	5 59	23 54	0 43	21 29	0 19	7 53	1 58	23 21	0 6	22 15	1 12	16 35	15 47	9 33	9 41	28 2	0 14	3 47		
S 17	20 57	3 7	2 18	20 1	3 11	17 25	6 1	23 51	0 44	21 26	0 19	7 50	1 58	23 21	0 6	22 15	1 12	16 34	15 47	9 32	9 40	28 2	0 15	3 47		
M18	20 45	2s52	1 15	20 9	3 4	17 23	6 2	23 48	0 45	21 24	0 19	7 48	1 58	23 21	0 6	22 15	1 12	16 34	15 47	9 31	9 39	28 2	0 15	3 47		
T 19	20 33	8 52	0 7	20 17	2 56	17 22	6 3	23 45	0 45	21 21	0 19	7 46	1 58	23 21	0 6	22 15	1 12	16 33	15 46	9 31	9 38	28 1	0 16	3 46		
W20	20 21	14 40	1s 3	20 26	2 47	17 22	6 4	23 42	0 46	21 19	0 19	7 43	1 58	23 21	0 6	22 15	1 12	16 32	15 46	9 31	9 37	28 1	0 17	3 46		
T 21	20 8	19 55	2 11	20 35	2 38	17 22	6 4	23 38	0 46	21 16	0 19	7 41	1 58	23 22	0 6	22 15	1 12	16 32	15 46	9 30	9 36	28 1	0 18	3 46		
F 22	19 55	24 13	3 14	20 43	2 28	17 23	6 3	23 34	0 47	21 14	0 19	7 38	1 57	23 22	0 6	22 15	1 12	16 31	15 46	9 29	9 34</					

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	8 41 27	11 ^h 21'25"	29 ^h 09' 2"	16 ^h 38' 9"	1 ^h 38' 20"	20 ^h 35' 58"	28 ^h 33' 37"	16 ^h 11' 15"	23 ^h 27' 9"	27 ^h 27' 46"	24 ^h 11' 55"	23 ^h 01' 17"	24 ^h 09' 9"	11 ^h 55' 54"	22 ^h 11' 32"
T 2	8 45 23	12 ^h 22'17"	11 ^h 18' 36"	17 ^h 17' 13"	1 ^h 53' 27"	21 ^h 44' 20"	28 ^h 51' 16"	16 ^h 21' 23"	23 ^h 12' 27"	27 ^h 48' 24"	24 ^h 56' 23"	23 ^h 01' 17"	24 ^h 6' 12"	12 ^h 0' 22"	22 ^h 35' 38"
W 3	8 49 20	13 ^h 23'07"	10 ^h 23' 51"	18 ^h 20' 27"	2 ^h 27' 30"	22 ^h 30' 29"	29 ^h 5' 16"	16 ^h 28' 23"	23 ^h 14' 27"	27 ^h 49' 24"	24 ^h 57' 23"	23 ^h 01' 17"	24 ^h 3' 12"	12 ^h 7' 22"	22 ^h 38' 41"
T 4	8 53 16	14 ^h 23'56"	9 ^h 28' 54"	19 ^h 28' 3 ^h	3 ^h 2' 23"	23 ^h 16' 29"	29 ^h 19' 16"	16 ^h 35' 23"	23 ^h 17' 27"	27 ^h 51' 24"	24 ^h 58' 23"	23 ^h 14' 24"	0' 12"	12 ^h 14' 22"	22 ^h 41' 44"
F 5	8 57 13	15 ^h 24'44"	8 ^h 27' 48"	20 ^h 39' 3 ^h	3 ^h 39' 24"	24 ^h 2' 29"	29 ^h 33' 16"	16 ^h 41' 23"	23 ^h 19' 27"	27 ^h 53' 24"	24 ^h 59' 23"	23 ^h 9' 23"	57' 12"	20 ^h 22"	22 ^h 44' 47"
S 6	9 1 9	16 ^h 25'30"	7 ^h 29' 39"	21 ^h 52' 4 ^h	4 ^h 17' 24"	24 ^h 48' 29"	29 ^h 47' 16"	16 ^h 48' 23"	22 ^h 22' 27"	27 ^h 54' 25"	25 ^h 1' 23"	23 ^h 2' 23"	53' 12"	27 ^h 22"	22 ^h 47' 50"
S 7	9 5 6	17 ^h 26'15"	6 ^h 29' 30"	23 ^h 6' 4 ^h	5 ^h 56' 25"	25 ^h 34' 0 ^h	0 ^h 0' 16"	55' 23"	25' 27"	56' 25"	25 ^h 2' 22"	52' 23"	50' 12"	34' 22"	50' 22"
M 8	9 9 3	18 ^h 26'59"	5 ^h 23' 23"	24 ^h 22' 5 ^h	6 ^h 37' 26"	26 ^h 20' 0 ^h	14' 17"	17 ^h 23"	27 ^h 58' 25"	3' 22"	40' 23"	47' 23"	44' 12"	41' 22"	53' 25"
T 9	9 12 59	19 ^h 27'40"	4 ^h 22' 22"	25 ^h 39' 6 ^h	7 ^h 18' 27"	7 ^h 7' 0 ^h	28' 17"	8 ^h 23"	29 ^h 29' 25"	4' 22"	27' 23"	27' 23"	44' 12"	47' 22"	56' 25"
W10	9 16 56	20 ^h 28'21"	3 ^h 17' 27"	26 ^h 58' 7 ^h	8 ^h 1' 27"	53' 27"	53' 0 ^h	42' 17"	15' 23"	32' 28"	1' 25"	6' 22"	15' 23"	41' 12"	54' 23"
T 11	9 20 52	21 ^h 29'00"	2 ^h 29' 40"	28 ^h 18' 7 ^h	9 ^h 45' 28"	39' 28"	39' 0 ^h	55' 17"	22' 23"	34' 28"	2' 25"	7' 22"	4' 23"	38' 13"	3' 23"
F 12	9 24 49	22 ^h 29'37"	1 ^h 29' 12"	29 ^h 39' 8 ^h	29 ^h 25' 1 ^h	9' 29"	25' 1 ^h	9' 17"	22' 23"	36' 28"	4' 25"	8' 21"	55' 23"	34' 13"	7' 23"
S 13	9 28 45	23 ^h 30'14"	1 ^h 24' 31"	1 ^h 28' 2 ^h	9 ^h 15' 0 ^h	12' 0 ^h	12' 1 ^h	23' 17"	36' 23"	39' 28"	5' 25"	10' 21"	49' 33"	31' 13"	9' 23"
S 14	9 32 42	24 ^h 30'48"	1 ^h 11' 26"	10 ^h 2' 10 ^h	2' 10 ^h	58' 0 ^h	58' 1 ^h	36' 17"	43' 23"	41' 28"	7' 25"	11' 21"	46' 23"	28' 13"	21' 23"
M15	9 36 38	25 ^h 31'22"	1 ^h 20' 3 ^h	10 ^h 49' 3 ^h	10 ^h 49' 1 ^h	44' 1 ^h	44' 1 ^h	50' 17"	50' 23"	43' 28"	8' 25"	12' 21"	44' 23"	25' 13"	16' 23"
T 16	9 40 35	26 ^h 31'54"	1 ^h 5' 17"	11 ^h 37' 2 ^h	11 ^h 37' 2 ^h	31' 2 ^h	31' 2 ^h	57' 17"	57' 23"	45' 28"	10' 25"	14' 21"	45' 23"	22' 13"	19' 23"
W17	9 44 32	27 ^h 32'25"	1 ^h 6' 44"	12 ^h 26' 3 ^h	12 ^h 26' 3 ^h	17' 3 ^h	17' 3 ^h	17' 18"	17' 23"	47' 28"	11' 25"	16' 21"	46' 23"	18' 13"	21' 23"
T 18	9 48 28	28 ^h 32'55"	0 ^h 12' 8"	13 ^h 16' 4 ^h	13 ^h 16' 4 ^h	3' 2 ^h	3' 2 ^h	18' 18"	18' 23"	49' 28"	12' 25"	16' 21"	46' 23"	15' 13"	26' 23"
F 19	9 52 25	29 ^h 33'24"	1 ^h 4' 13"	14 ^h 7' 9 ^h	14 ^h 7' 9 ^h	15' 4 ^h	15' 4 ^h	18' 18"	18' 23"	51' 28"	14' 25"	18' 21"	45' 23"	12' 13"	30' 23"
S 20	9 56 21	0 ^h 33'51"	1 ^h 28' 32"	11 ^h 12' 14 ^h	14 ^h 59' 5 ^h	36' 5 ^h	36' 5 ^h	18' 25"	18' 30"	53' 28"	15' 25"	19' 21"	42' 23"	9' 14"	33' 23"
S 21	10 0 18	1 ^h 34'17"	1 ^h 13' 9"	12 ^h 43' 15 ^h	15 ^h 51' 6 ^h	23' 3 ^h	23' 3 ^h	18' 33"	18' 38"	55' 28"	16' 25"	21' 21"	37' 23"	6' 14"	37' 23"
M22	10 4 14	2 ^h 34'42"	1 ^h 27' 57"	14 ^h 15' 16 ^h	16 ^h 44' 7 ^h	9' 3 ^h	9' 3 ^h	18 ^h 40"	18 ^h 45"	57' 28"	18' 25"	21' 21"	30' 23"	3' 14"	40' 23"
T 23	10 8 11	3 ^h 35'05"	1 ^h 22' 51"	15 ^h 49' 17 ^h	17 ^h 37' 7 ^h	56' 3 ^h	56' 3 ^h	18 ^h 47"	18 ^h 52"	59' 28"	19' 25"	21' 22"	29' 14"	21' 23"	44' 23"
W24	10 12 7	4 ^h 35'26"	1 ^h 17' 23"	18 ^h 31' 8 ^h	18 ^h 31' 8 ^h	42' 8 ^h	42' 8 ^h	18 ^h 54"	18 ^h 59"	24' 28"	20' 25"	21' 15"	29' 14"	28' 23"	47' 23"
T 25	10 16 4	5 ^h 35'46"	1 ^h 12' 19"	18 ^h 58' 19 ^h	19 ^h 26' 9 ^h	29' 4 ^h	29' 4 ^h	19 ^h 2' 4 ^h	19 ^h 7' 2 ^h	21' 28"	26' 25"	21 ^h 8' 22"	53' 14"	35' 23"	51' 23"
F 26	10 20 1	6 ^h 36'04"	1 ^h 26' 37"	20 ^h 35' 20 ^h	20 ^h 21' 10 ^h	15' 4 ^h	15' 4 ^h	19 ^h 9' 2 ^h	19 ^h 14' 4 ^h	22' 28"	28' 25"	21 ^h 4' 22"	50' 14"	42' 23"	54' 23"
S 27	10 23 57	7 ^h 36'20"	1 ^h 10' 31"	22 ^h 12' 21 ^h	21 ^h 17' 11 ^h	2 ^h 11 ^h	2 ^h 11 ^h	19 ^h 16"	19 ^h 21"	24' 28"	23' 25"	21 ^h 1' 22"	47' 14"	48' 23"	58' 23"
S 28	10 27 54	8 ^h 36'33"	1 ^h 23' 59"	23 ^h 50' 22 ^h	22 ^h 13' 11 ^h	49' 11 ^h	49' 11 ^h	19 ^h 23"	19 ^h 28"	24' 28"	24' 25"	21 ^h 1' 22"	44' 14"	55' 24"	1 ^h 23"

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	17s23	11n37	0n30	21s45	0n44	17s46	5n41	22s41	0s52	20s47	0s20	7s13	1s57	23s23	0s 6	22s15	1n12	16s25	15s43	9n 3	9n23	27n56	0n27	3n44
T 2	17 7 16 51	1 36	21 47	0 34	17 49	5 38	22 34	0 52	20 45	0 20	7 11	1 57	23 24	0 6	22 15	1 12	16 24	15 43	9 3	9 21	27 56	0 28	3 43	
W 3	16 49 21 15	2 35	21 48	0 25	17 53	5 34	22 27	0 53	20 42	0 20	7 8	1 56	23 24	0 6	22 15	1 12	16 23	15 43	9 3	9 20	27 56	0 29	3 43	
T 4	16 32 24 41	3 26	21 48	0 15	17 56	5 30	22 20	0 53	20 39	0 20	7 5	1 56	23 24	0 6	22 15	1 12	16 23	15 42	9 2	9 19	27 55	0 30	3 43	
F 5	16 14 27 0	4 7	21 47	0 6	17 59	5 26	22 13	0 54	20 36	0 21	7 3	1 56	23 24	0 6	22 15	1 12	16 22	15 42	9 1	9 18	27 55	0 31	3 43	
S 6	15 56 28 6	4 38	21 44	0s 3	18 3	5 21	22 5	0 54	20 33	0 21	7 0	1 56	23 24	0 6	22 15	1 12	16 21	15 42	8 58	9 17	27 54	0 33	3 43	
S 7	15 37 27 53	4 56	21 41	0 12	18 6	5 17	21 57	0 55	20 31	0 21	6 57	1 56	23 24	0 6	22 15	1 12	16 21	15 42	8 54	9 16	27 54	0 34	3 42	
M 8	15 19 26 24 5	2 21	36 0	20 18	9 5	12 21	49 0	55 20	28 0	21 6	55 1	56 23	24 0	6	22 15	1 12	16 20	15 42	8 50	9 14	27 53	0 35	3 42	
T 9	15 0 23 42 4	55 21	30 0	28 18	12 5	7 21	40 0	56 20	25 0	21 6	52 1	56 23	25 0	6	22 15	1 12	16 19	15 41	8 45	9 13	27 53	0 36	3 42	
W10	14 41 19 58 4	34 21	23 0	36 18	15 5	2 21	32 0	56 20	22 0	21 6	49 1	56 23	25 0	6	22 15	1 12	16 18	15 41	8 40	9 12	27 52	0 37	3 42	
T 11	14 21 15 21 4	0 21	14 0	44 18	18 4	57 21	23 0	57 20	19 0	21 6	47 1	56 23	25 0	6	22 15	1 12	16 18	15 41	8 36	9 11	27 52	0 38	3 42	
F 12	14 2 10 4 3	15 21	5 0	51 18	20 4	52 21	14 0	57 20	16 0	21 6	44 1	56 23	25 0	6	22 15	1 12	16 17	15 41	8 33	9 10	27 51	0 39	3 42	
S 13	13 42 4 19 2	20 20	54 0	58 18	22 4	47 21	4 0	58 20	13 0	21 6	41 1	56 23	25 0	6	22 15	1 12	16 16	15 41	8 31	9 9	27 51	0 40	3 41	
S 14	13 22 1s41	1 17	20 42	1 5	18 24	4 42	20 55	0 58	20 10	0 22	6 38	1 56	23 25	0 6	22 15	1 12	16 16	15 40	8 29	9 7	27 50	0 41	3 41	
M15	13 2 7 43 0	9 20	28 1	12 18	26 4	36 20	45 0	59 20	8 0	22 6	36 1	56 23	25 0	6	22 15	1 12	16 15	15 40	8 29	9 6	27 50	0 43	3 41	
T 16	12 41 13 32 1s	1 20	14 1	18 18	28 4	31 20	35 0	59 20	5 0	22 6	33 1	56 23	25 0	6	22 15	1 12	16 14	15 40	8 29	9 5	27 49	0 44	3 41	
W17	12 20 18 51 2	9 19	58 1	24 18	29 4	25 20	24 0	59 20	2 0	22 6	30 1	56 23	25 0	6	22 15	1 12	16 14	15 40	8 29	9 4	27 48	0 45	3 41	
T 18	11 59 23 20 3	11 19	40 1	29 18	30 4	19 20	14 1	0 19	59 0	22 6	27 1	56 23	26 0	6	22 15	1 12	16 13	15 40	8 30	9 3	27 48	0 46	3 41	
F 19	11 38 26 34 4	4 19	22 1	34 18	31 4	14 20	3 1	0 19	56 0	22 6	24 1	56 23	26 0	6	22 15	1 12	16 12	15 40	8 29	9 2	27 47	0 47	3 41	
S 20	11 17 28 10 4	4 22	19 2	1 39	18 31	4 8	19 52	1 1	19 53	0 22	6 22	1 56	23 26	0 6	22 15	1 12	16 12	15 40	8 28	9 0	27 47	0 49	3 40	
S 21	10 56 27 51 5	3 18	40 1	44 18	31 4	2 19</																		

SWISS EPHEMERIS for the year 1819

MARCH 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
M 1	10 31 50	9 ^h 36'45	7 ^h 8' 2	25 ^h 30'30	23 ^h 3'10	12 ^h 33'35	4 ^h 55'55	19 ^h 31'31	24 ^h 7' 9	28 ^h 27'25	25 ^h 32'32	21 ^h 17' 2	22 ^h 17'40	15 ^h 28' 2	24 ^h 31' 5
T 2	10 35 47	10 ^h 36'55	19 ^h 41	27 ^h 10	24 ^h 7	13 ^h 22	5 ^h 8	19 ^h 38	24 ^h 10	28 ^h 26	25 ^h 34	21 ^h 3	22 ^h 37	15 ^h 8	24 ^h 8
W 3	10 39 43	11 ^h 37'03	2 ^h 11' 2	28 ^h 52	25 ^h 5	14 ^h 8	5 ^h 20	19 ^h 45	24 ^h 12	28 ^h 27	25 ^h 35	21 ^h 5	22 ^h 34	15 ^h 15	24 ^h 12
T 4	10 43 40	12 ^h 37'09	14 ^h 7	0 ^h 34	26 ^h 3	14 ^h 55	5 ^h 33	19 ^h 53	24 ^h 13	28 ^h 28	25 ^h 37	21 ^h 05	22 ^h 31	15 ^h 22	24 ^h 16
F 5	10 47 36	13 ^h 37'13	26 ^h 4	2 ^h 18	27 ^h 1	15 ^h 42	5 ^h 46	20 ^h 0	24 ^h 15	28 ^h 29	25 ^h 38	21 ^h 4	22 ^h 28	15 ^h 29	24 ^h 19
S 6	10 51 33	14 ^h 37'15	7 ^h 56	4 ^h 3	28 ^h 0	16 ^h 28	5 ^h 58	20 ^h 8	24 ^h 16	28 ^h 30	25 ^h 40	21 ^h 2	22 ^h 24	15 ^h 35	24 ^h 23
S 7	10 55 30	15 ^h 37'14	19 ^h 48	5 ^h 49	29 ^h 0	17 ^h 15	6 ^h 11	20 ^h 15	24 ^h 17	28 ^h 31	25 ^h 41	20 ^h 57	22 ^h 21	15 ^h 42	24 ^h 27
M 8	10 59 26	16 ^h 37'11	1 ^h 44	7 ^h 36	29 ^h 59	18 ^h 2	6 ^h 23	20 ^h 22	24 ^h 18	28 ^h 32	25 ^h 43	20 ^h 52	22 ^h 18	15 ^h 49	24 ^h 30
T 9	11 3 23	17 ^h 37'06	13 ^h 47	9 ^h 24	1 ^h 0	18 ^h 49	6 ^h 36	20 ^h 30	24 ^h 20	28 ^h 32	25 ^h 44	20 ^h 46	22 ^h 15	15 ^h 56	24 ^h 34
W10	11 7 19	18 ^h 36'59	26 ^h 0	11 ^h 13	2 ^h 0	19 ^h 35	6 ^h 48	20 ^h 37	24 ^h 21	28 ^h 33	25 ^h 46	20 ^h 40	22 ^h 12	16 ^h 2	24 ^h 37
T 11	11 11 16	19 ^h 36'50	8 ^h 24	13 ^h 4	3 ^h 1	20 ^h 22	7 ^h 0	20 ^h 45	24 ^h 22	28 ^h 34	25 ^h 47	20 ^h 35	22 ^h 9	16 ^h 9	24 ^h 41
F 12	11 15 12	20 ^h 36'39	21 ^h 0	14 ^h 55	4 ^h 3	21 ^h 9	7 ^h 12	20 ^h 52	24 ^h 23	28 ^h 35	25 ^h 49	20 ^h 30	22 ^h 5	16 ^h 16	24 ^h 45
S 13	11 19 9	21 ^h 36'26	3 ^h 48	16 ^h 48	5 ^h 4	21 ^h 55	7 ^h 24	20 ^h 59	24 ^h 24	28 ^h 35	25 ^h 50	20 ^h 28	22 ^h 2	16 ^h 22	24 ^h 48
S 14	11 23 5	22 ^h 36'11	16 ^h 49	18 ^h 42	6 ^h 6	22 ^h 42	7 ^h 36	21 ^h 7	24 ^h 24	28 ^h 36	25 ^h 52	20 ^h D27	21 ^h 59	16 ^h 29	24 ^h 52
M15	11 27 2	23 ^h 35'54	0 ^h 3	20 ^h 37	7 ^h 8	23 ^h 29	7 ^h 48	21 ^h 14	24 ^h 25	28 ^h 36	25 ^h 53	20 ^h 27	21 ^h 56	16 ^h 36	24 ^h 56
T 16	11 30 59	24 ^h 35'35	13 ^h 28	22 ^h 33	8 ^h 11	24 ^h 16	8 ^h 0	21 ^h 22	24 ^h 26	28 ^h 37	25 ^h 55	20 ^h 28	21 ^h 53	16 ^h 43	24 ^h 59
W17	11 34 55	25 ^h 35'15	27 ^h 6	24 ^h 30	9 ^h 14	25 ^h 2	8 ^h 12	21 ^h 29	24 ^h 27	28 ^h 37	25 ^h 56	20 ^h 30	21 ^h 50	16 ^h 49	25 ^h 3
T 18	11 38 52	26 ^h 34'53	10 ^h 56	26 ^h 28	10 ^h 17	25 ^h 49	8 ^h 24	21 ^h 36	24 ^h 27	28 ^h 38	25 ^h 58	20 ^h 31	21 ^h 46	16 ^h 56	25 ^h 7
F 19	11 42 48	27 ^h 34'29	24 ^h 56	28 ^h 28	11 ^h 20	26 ^h 36	8 ^h 35	21 ^h 44	24 ^h 28	28 ^h 38	25 ^h 59	20 ^h R32	21 ^h 43	17 ^h 3	25 ^h 11
S 20	11 46 45	28 ^h 34'04	9 ^h 37	0 ^h 27	12 ^h 24	27 ^h 23	8 ^h 47	21 ^h 51	24 ^h 29	28 ^h 39	26 ^h 1	20 ^h 31	21 ^h 40	17 ^h 9	25 ^h 14
S 21	11 50 41	29 ^h 33'37	23 ^h 26	2 ^h 28	13 ^h 28	28 ^h 10	8 ^h 58	21 ^h 58	24 ^h 29	28 ^h 39	26 ^h 2	20 ^h 30	21 ^h 37	17 ^h 16	25 ^h 18
M22	11 54 38	0 ^h 33'08	7 ^h 51	4 ^h 29	14 ^h 32	28 ^h 56	9 ^h 9	22 ^h 6	24 ^h 30	28 ^h 40	26 ^h 4	20 ^h 28	21 ^h 34	17 ^h 23	25 ^h 22
T 23	11 58 34	1 ^h 32'37	22 ^h 16	6 ^h 31	15 ^h 36	29 ^h 43	9 ^h 21	22 ^h 13	24 ^h 30	28 ^h 40	26 ^h 5	20 ^h 25	21 ^h 30	17 ^h 30	25 ^h 25
W24	12 2 31	2 ^h 32'04	6 ^h 37	8 ^h 33	16 ^h 41	0 ^h 30	9 ^h 32	22 ^h 21	24 ^h 30	28 ^h 40	26 ^h 7	20 ^h 23	21 ^h 27	17 ^h 36	25 ^h 29
T 25	12 6 28	3 ^h 31'29	20 ^h 49	10 ^h 34	17 ^h 45	1 ^h 17	9 ^h 43	22 ^h 28	24 ^h 31	28 ^h 40	26 ^h 8	20 ^h 21	21 ^h 24	17 ^h 43	25 ^h 32
F 26	12 10 24	4 ^h 30'53	4 ^h 47	12 ^h 36	18 ^h 50	2 ^h 3	9 ^h 54	22 ^h 35	24 ^h 31	28 ^h 41	26 ^h 10	20 ^h 19	21 ^h 21	17 ^h 50	25 ^h 36
S 27	12 14 21	5 ^h 30'14	18 ^h 28	14 ^h 37	19 ^h 56	2 ^h 50	10 ^h 5	22 ^h 42	24 ^h 31	28 ^h 41	26 ^h 11	20 ^h D19	21 ^h 18	17 ^h 57	25 ^h 40
S 28	12 18 17	6 ^h 29'33	1 ^h 48	16 ^h 37	21 ^h 1	3 ^h 37	10 ^h 15	22 ^h 50	24 ^h 31	28 ^h 41	26 ^h 13	20 ^h 19	21 ^h 15	18 ^h 3	25 ^h 43
M29	12 22 14	7 ^h 28'50	14 ^h 48	18 ^h 35	22 ^h 7	4 ^h 24	10 ^h 26	22 ^h 57	24 ^h 31	28 ^h 41	26 ^h 14	20 ^h 20	21 ^h 11	18 ^h 10	25 ^h 47
T 30	12 26 10	8 ^h 28'05	27 ^h 28	20 ^h 33	23 ^h 12	5 ^h 11	10 ^h 37	23 ^h 4	24 ^h R31	28 ^h 41	26 ^h 16	20 ^h 21	21 ^h 8	18 ^h 17	25 ^h 51
W31	12 30 7	9 ^h 27'18	9 ^h 51	22 ^h 28	24 ^h 18	5 ^h 57	10 ^h 47	23 ^h 11	24 ^h 31	28 ^h 41	26 ^h 17	20 ^h 22	21 ^h 5	18 ^h 23	25 ^h 54

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
M 1	7s58	15n13	1n26	15s 2	2s 8	18s16	3n15	18s 5	1s 4	19s26	0s23	5s56	1s56	23s27	0s 7	22s15	1n13	16s 6	15s39	8n13	8n50	27n41	1n 0	3n39
T 2	7 36 20	4 2 29	14 29	2 9	18 13	3 9	17 52	1 5	19 23	0 24	5 53	1 56	23 27	0 7	22 15	1 13	16 5	15 38	8 13	8 49	27 40	1 1	3 39	
W 3	7 13 23	55 3 24	13 54	2 10	18 9	3 3	17 38	1 5	19 20	0 24	5 50	1 56	23 27	0 7	22 15	1 13	16 4	15 38	8 14	8 47	27 40	1 3	3 39	
T 4	6 50 26	38 4 9	13 18	2 10	18 4	4 2	17 25	1 5	19 17	0 24	5 47	1 56	23 27	0 7	22 15	1 13	16 4	15 38	8 14	8 46	27 39	1 4	3 39	
F 5	6 27 28	6 4 42	12 41	2 10	17 59	2 51	17 12	1 6	19 14	0 24	5 44	1 56	23 27	0 7	22 15	1 13	16 3	15 38	8 14	8 45	27 38	1 5	3 39	
S 6	6 4 28	16 5 3	12 3	2 9	17 54	2 45	16 58	1 6	19 11	0 24	5 41	1 56	23 27	0 7	22 15	1 13	16 2	15 38	8 13	8 44	27 38	1 7	3 39	
S 7	5 40 27	7 5 11	11 23	2 8	17 48	2 39	16 44	1 6	19 8	0 24	5 38	1 56	23 27	0 7	22 15	1 13	16 2	15 38	8 11	8 43	27 37	1 8	3 39	
M 8	5 17 24	45 5 5	10 42	2 7	17 41	2 33	16 30	1 7	19 5	0 24	5 36	1 56	23 27	0 7	22 15	1 13	16 1	15 38	8 9	8 41	27 36	1 10	3 39	
T 9	4 54 21	16 4 46	9 59	2 5	17 34	2 27	16 16	1 7	19 2	0 24	5 33	1 56	23 27	0 7	22 15	1 13	16 0	15 38	8 7	8 40	27 35	1 11	3 39	
W10	4 30 16	51 4 14	9 15	2 3	17 27	2 21	16 2	1 7	18 59	0 25	5 30	1 56	23 27	0 7	22 15	1 13	16 0	15 38	8 5	8 39	27 35	1 12	3 38	
T 11	4 7 11	40 3 30	8 30	2 0	17 19	2 15	15 47	1 8	18 56	0 25	5 27	1 56	23 27	0 7	22 15	1 13	15 59	15 38	8 3	8 38	27 34	1 14	3 38	
F 12	3 43 5	56 2 34	7 44	1 56	17 11	2 9	15 32	1 8	18 54	0 25	5 24	1 56	23 27	0 7	22 15	1 13	15 59	15 38	8 1	8 37	27 33	1 15	3 38	
S 13	3 20 0s	8 1 30	6 57	1 53	17 2	2 3	15 18	1 8	18 51	0 25	5 21	1 56	23 27	0 7	22 15	1 13	15 58	15 38	8 0	8 36	27 32	1 16	3 38	
S 14	2 56 6	19 0 20	6 8	1 48	16 52	1 57	15 3	1 9	18 48	0 25	5 18	1 56	23 28	0 7	22 15	1 13	15 57	15 38	8 0	8 34	27 32	1 18	3 38	
M15	2 33 12	19 0s2	5 18	1 43	16 43	1 51	14 48	1 9	18 45	0 25	5 15	1 56	23 28	0 7	22 14	1 13	15 57	15 38	8 0	8 33	27 31	1 19	3 38	
T 16	2 9 17	51 2 3	4 27	1 38	16 32	1 46	14 32	1 9	18 42	0 25	5 12	1 56	23 28	0 7	22 14	1 13	15 56	15 38	8 0	8 32	27 30	1 21	3 38	
W17	1 45 22	35 3 8	3 35	1 32	16 22	1 40	14 17	1 10	18 39	0 26	5 10	1 56	23 28	0 7	22 14	1 13	15 55	15 38	8 1	8 31	27 29	1 22	3 38	
T 18	1 22 26	6 4 3	2 42	1 25	16 10	1 34	14 1	1 10	18 36	0														

SWISS EPHEMERIS for the year 1819

APRIL 1819

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	12 34 3	10°26'28	22°00'	24°21'	25°24'	6°44'	10°57'	23°19'	24°R31	28°R41	26°19'	20°23'	21°2'	18°30'	25°58'
F 2	12 38 0	11°25'36	3°59'	26°10'	26°31'	7°31'	11° 8'	23°26'	24°R31	28°R41	26°20'	20°24'	20°59'	18°37'	26° 1'
S 3	12 41 57	12°24'42	15°53'	27°57'	27°37'	8°18'	11°18'	23°33'	24°31'	28°41'	26°22'	20°R24	20°55'	18°44'	26° 5'
S 4	12 45 53	13°23'45	27°46'	29°41'	28°44'	9° 4'	11°28'	23°40'	24°31'	28°41'	26°23'	20°23'	20°52'	18°50'	26° 8'
M 5	12 49 50	14°22'46	9°43'	1°20'	29°50'	9°51'	11°38'	23°47'	24°31'	28°41'	26°25'	20°23'	20°49'	18°57'	26°12'
T 6	12 53 46	15°21'45	21°48'	2°55'	0°57'	10°38'	11°48'	23°54'	24°30'	28°41'	26°26'	20°22'	20°46'	19° 4'	26°16'
W 7	12 57 43	16°20'41	4°19'	4°26'	2° 4'	11°24'	11°57'	24° 1'	24°30'	28°41'	26°28'	20°22'	20°43'	19°11'	26°19'
T 8	13 1 39	17°19'36	16°37'	5°52'	3°11'	12°11'	12° 7'	24° 8'	24°29'	28°40'	26°29'	20°21'	20°40'	19°17'	26°23'
F 9	13 5 36	18°18'28	29°26'	7°13'	4°19'	12°58'	12°16'	24°15'	24°29'	28°40'	26°31'	20°21'	20°36'	19°24'	26°26'
S 10	13 9 32	19°17'18	12°32'	8°29'	5°26'	13°44'	12°26'	24°22'	24°28'	28°40'	26°32'	20°21'	20°33'	19°31'	26°29'
S 11	13 13 29	20°16'05	25°56'	9°39'	6°34'	14°31'	12°35'	24°29'	24°28'	28°40'	26°33'	20°21'	20°30'	19°37'	26°33'
M12	13 17 25	21°14'51	9°35'	10°44'	7°41'	15°18'	12°44'	24°36'	24°27'	28°39'	26°35'	20°21'	20°27'	19°44'	26°36'
T 13	13 21 22	22°13'36	23°28'	11°43'	8°49'	16° 4'	12°53'	24°43'	24°27'	28°39'	26°36'	20°21'	20°24'	19°51'	26°40'
W14	13 25 19	23°12'18	7°31'	12°36'	9°57'	16°51'	13° 2'	24°50'	24°26'	28°38'	26°38'	20°20'	20°21'	19°58'	26°43'
T 15	13 29 15	24°10'59	21°41'	13°23'	11° 5'	17°37'	13°11'	24°57'	24°25'	28°38'	26°39'	20°20'	20°17'	20° 4'	26°46'
F 16	13 33 12	25° 9'38	5°56'	14° 5'	12°13'	18°24'	13°19'	25° 4'	24°24'	28°37'	26°40'	20°20'	20°14'	20°11'	26°50'
S 17	13 37 8	26° 8'15	20°11'	14°40'	13°22'	19°10'	13°28'	25°10'	24°23'	28°37'	26°42'	20°D19	20°11'	20°18'	26°53'
S 18	13 41 5	27° 6'51	4°24'	15° 9'	14°30'	19°57'	13°36'	25°17'	24°22'	28°36'	26°43'	20°19'	20° 8'	20°24'	26°56'
M19	13 45 1	28° 5'25	18°33'	15°33'	15°39'	20°43'	13°44'	25°24'	24°22'	28°36'	26°44'	20°20'	20° 5'	20°31'	27° 0'
T 20	13 48 58	29° 3'57	2°35'	15°50'	16°47'	21°30'	13°52'	25°30'	24°21'	28°35'	26°46'	20°20'	20° 1'	20°38'	27° 3'
W21	13 52 54	0° 2'27	16°29'	16° 1'	17°56'	22°16'	14° 0'	25°37'	24°19'	28°35'	26°47'	20°21'	19°58'	20°45'	27° 6'
T 22	13 56 51	1° 0'56	0°12'	16°R 6'	19° 5'	23° 3'	14° 8'	25°43'	24°18'	28°34'	26°48'	20°22'	19°55'	20°51'	27° 9'
F 23	14 0 48	1°59'23	13°43'	16° 6'	20°14'	23°49'	14°16'	25°50'	24°17'	28°33'	26°50'	20°R23	19°52'	20°58'	27°12'
S 24	14 4 44	2°57'49	27° 1'	16° 0'	21°23'	24°36'	14°23'	25°56'	24°16'	28°33'	26°51'	20°23'	19°49'	21° 5'	27°16'
S 25	14 8 41	3°56'12	10° 4'	15°49'	22°32'	25°22'	14°31'	26° 3'	24°15'	28°32'	26°52'	20°22'	19°46'	21°12'	27°19'
M26	14 12 37	4°54'34	22°52'	15°33'	23°41'	26° 8'	14°38'	26° 9'	24°14'	28°31'	26°53'	20°20'	19°42'	21°18'	27°22'
T 27	14 16 34	5°52'54	5°12'	15°12'	24°50'	26°55'	14°45'	26°15'	24°12'	28°30'	26°55'	20°18'	19°39'	21°25'	27°25'
W28	14 20 30	6°51'12	17°45'	14°47'	25°59'	27°41'	14°52'	26°22'	24°11'	28°30'	26°56'	20°16'	19°36'	21°32'	27°28'
T 29	14 24 27	7°49'28	29°53'	14°19'	27° 9'	28°27'	14°59'	26°28'	24° 9'	28°29'	26°57'	20°13'	19°33'	21°38'	27°31'
F 30	14 28 23	8°47'42	11°52'	13°47'	28°18'	29°13'	15°55'	26°34'	24° 8'	28°28'	26°58'	20°11'	19°30'	21°45'	27°34'

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	4n 8	27n51	4n39	10n18	0n55	12s45	0n20	10s11	1s13	17s57	0s28	4s27	1s57	23s28	0s 7
F 2	4 31	28 28	5 4	11 9	1 7	12 27	0 15	9 53	1 13	17 54	0 28	4 24	1 57	23 28	0 7
S 3	4 55	27 44	5 16	11 59	1 18	12 9	0 10	9 36	1 13	17 52	0 28	4 22	1 57	23 28	0 7
S 4	5 18	25 45	5 14	12 46	1 30	11 50	0 6	9 19	1 13	17 49	0 29	4 19	1 58	23 28	0 7
M 5	5 41	22 38	4 59	13 31	1 41	11 31	0 1	9 1	1 14	17 46	0 29	4 16	1 58	23 28	0 7
T 6	6 3	18 31	4 30	14 14	1 51	11 12	0s 3	8 44	1 14	17 44	0 29	4 13	1 58	23 28	0 7
W 7	6 26	13 34	3 49	14 55	2 10	10 52	0 8	8 26	1 14	17 41	0 29	4 11	1 58	23 28	0 7
T 8	6 49	7 59	2 56	15 33	2 11	10 32	0 12	8 8	1 14	17 39	0 29	4 8	1 58	23 28	0 7
F 9	7 11	1 57	1 53	16 8	2 19	10 12	0 16	7 50	1 14	17 36	0 29	4 5	1 58	23 28	0 7
S 10	7 33	4s18	0 43	16 40	2 27	9 51	0 21	7 33	1 14	17 34	0 30	4 3	1 58	23 28	0 7
S 11	7 56	10 30	0s31	17 10	2 35	9 30	0 25	7 15	1 14	17 32	0 30	4 0	1 58	23 28	0 7
M12	8 18	16 21	1 45	17 36	2 41	9 8	0 29	6 57	1 14	17 29	0 30	3 57	1 58	23 28	0 7
T 13	8 40	21 27	2 53	18 0	2 47	8 47	0 33	6 39	1 14	17 27	0 30	3 55	1 59	23 28	0 7
W14	9 2	25 25	3 53	18 21	2 51	8 25	0 37	6 21	1 15	17 24	0 30	3 52	1 59	23 28	0 7
T 15	9 23	27 50	4 38	18 39	2 54	8 2	0 40	6 3	1 15	17 22	0 31	3 50	1 59	23 28	0 7
F 16	9 45	28 26	5 7	18 53	2 57	7 40	0 44	5 44	1 15	17 20	0 31	3 47	1 59	23 28	0 7
S 17	10 6	27 10	5 17	19 5	2 58	7 17	0 48	5 26	1 15	17 18	0 31	3 44	1 59	23 28	0 7
S 18	10 27	24 9	5 7	19 14	2 58	6 54	0 51	5 8	1 15	17 15	0 31	3 42	1 59	23 28	0 7
M19	10 48	19 42	4 39	19 19	2 56	6 30	0 55	4 50	1 15	17 13	0 31	3 39	1 59	23 28	0 7
T 20	11 9	14 13	3 55	19 22	2 54	6 7	0 58	4 31	1 15	17 11	0 31	3 37	1 59	23 28	0 7
W21	11 30	8 3	2 57	19 22	2 50	5 43	1 1	4 13	1 15	17 9	0 32	3 34	2 0	23 28	0 7
T 22	11 50	1 36	1 49	19 18	2 45	5 19	1 4	3 55	1 15	17 7	0 32	3 32	2 0	23 28	0 7
F 23	12 11	4n51	0 37	19 12	2 38	4 55	1 8	3 36	1 15	17 5	0 32	3 30	2 0	23 28	0 7
S 24	12 31	10 59	0n37	19 2	2 30	4 30	1 10	3 18	1 15	17 3	0 32	3 27	2 0	23 28	0 7
S 25	12 51	16 32	1 47	18 50	2 21	4 5	1 13	2 59	1 15	17 1	0 32	3 25	2 0	23 28	0 7
M26	13 10	21 15	2 50	18 36	2 11	3 41	1 16	2 41	1 15	16 59	0 33	3 22	2 0	23 28	0 7
T 27	13 30	24 54	3 44	18 18	1 59	3 16	1 19	2 22	1 15	16 57	0 33	3 20	2 1	23 28	0 7
W28	13 49	27 19	4 26	17 59	1 46	2 51	1 21	2 4	1 15	16 55	0 33	3 18	2 1	23 28	0 7
T 29	14 8	28 23	4 55	17 37	1 32	2 25	1 24	1 45	1 15	16 53	0 33	3 15	2 1	23 28	0 7
F 30	14n27	28n 6	5n11	17n13	1n17	2s 0	1s26	1s27	1s15	16s52	0s33	3s13	2s 1	23s28	0s 7

Julian Day Number = 2385525.5, Delta T = 11.83 sec
 Ecliptic obliquity = 23°27'55, Nutation = - 0°00'06
 Ayanamsha: Fagan/Bradley = 22°12'59, Lahiri = 21°19'59

SWISS EPHEMERIS for the year 1819

MAY 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♁	♃	♄
S 1	14 32 20	9♂45'55	23♁46	13°R13	29♃27	29♃59	15♁12	26♃40	24°R 7	28°R27	27♃ 0	20°R 9	19♃27	21♁52	27♃37
S 2	14 36 17	10°44'05	5♁39	12♃37	0♃37	0♃46	15°18	26°46	24♃ 5	28♃26	27° 1	20°D 9	19°23	21°59	27°40
M 3	14 40 13	11°42'13	17°35	12° 0	1°47	1°32	15°24	26°52	24° 3	28°25	27° 2	20♃ 9	19°20	22° 5	27°43
T 4	14 44 10	12°40'19	29°40	11°22	2°56	2°18	15°30	26°58	24° 2	28°24	27° 3	20° 9	19°17	22°12	27°45
W 5	14 48 6	13°38'23	11♁58	10°44	4° 6	3° 4	15°36	27° 4	24° 0	28°23	27° 4	20°11	19°14	22°19	27°48
T 6	14 52 3	14°36'25	24°32	10° 7	5°16	3°50	15°42	27°10	23°59	28°22	27° 5	20°13	19°11	22°26	27°51
F 7	14 55 59	15°34'25	7♁27	9°32	6°26	4°36	15°47	27°15	23°57	28°21	27° 6	20°14	19° 7	22°32	27°54
S 8	14 59 56	16°32'24	20°45	8°59	7°36	5°22	15°53	27°21	23°55	28°20	27° 7	20°R14	19° 4	22°39	27°56
S 9	15 3 52	17°30'21	4♁25	8°28	8°46	6° 8	15°58	27°27	23°53	28°19	27° 8	20°14	19° 1	22°46	27°59
M10	15 7 49	18°28'16	18°27	8° 0	9°56	6°54	16° 3	27°32	23°51	28°18	27° 9	20°12	18°58	22°52	28° 2
T 11	15 11 46	19°26'10	2♁46	7°36	11° 6	7°40	16° 8	27°38	23°50	28°16	27°11	20° 8	18°55	22°59	28° 4
W12	15 15 42	20°24'02	17°18	7°15	12°16	8°25	16°12	27°43	23°48	28°15	27°12	20° 4	18°52	23° 6	28° 7
T 13	15 19 39	21°21'53	1♁56	6°59	13°26	9°11	16°17	27°49	23°46	28°14	27°13	20° 0	18°48	23°13	28° 9
F 14	15 23 35	22°19'43	16°33	6°46	14°37	9°57	16°21	27°54	23°44	28°13	27°14	19°56	18°45	23°19	28°12
S 15	15 27 32	23°17'31	1♁ 3	6°38	15°47	10°43	16°25	27°59	23°42	28°12	27°14	19°53	18°42	23°26	28°14
S 16	15 31 28	24°15'19	15°22	6°D35	16°57	11°28	16°29	28° 5	23°40	28°10	27°15	19°51	18°39	23°33	28°16
M17	15 35 25	25°13'05	29°27	6°36	18° 8	12°14	16°33	28°10	23°38	28° 9	27°16	19°D51	18°36	23°39	28°19
T 18	15 39 22	26°10'50	13♃17	6°42	19°18	12°59	16°37	28°15	23°36	28° 8	27°17	19°52	18°33	23°46	28°21
W19	15 43 18	27° 8'34	26°52	6°52	20°29	13°45	16°40	28°20	23°34	28° 7	27°18	19°53	18°29	23°53	28°23
T 20	15 47 15	28° 6'17	10♃12	7° 7	21°40	14°30	16°44	28°25	23°32	28° 5	27°19	19°54	18°26	24° 0	28°26
F 21	15 51 11	29° 3'58	23°20	7°27	22°50	15°16	16°47	28°30	23°30	28° 4	27°20	19°R55	18°23	24° 6	28°28
S 22	15 55 8	0♁ 1'39	6♁14	7°50	24° 1	16° 1	16°50	28°34	23°27	28° 2	27°21	19°53	18°20	24°13	28°30
S 23	15 59 4	0°59'18	18°57	8°18	25°12	16°47	16°52	28°39	23°25	28° 1	27°21	19°50	18°17	24°20	28°32
M24	16 3 1	1°56'57	1♁29	8°50	26°22	17°32	16°55	28°44	23°23	28° 0	27°22	19°45	18°13	24°27	28°34
T 25	16 6 57	2°54'34	13°51	9°26	27°33	18°17	16°57	28°48	23°21	27°58	27°23	19°38	18°10	24°33	28°36
W26	16 10 54	3°52'10	26° 2	10° 6	28°44	19° 2	17° 0	28°53	23°18	27°57	27°24	19°30	18° 7	24°40	28°38
T 27	16 14 51	4°49'45	8♁ 5	10°50	29°55	19°48	17° 2	28°57	23°16	27°55	27°24	19°22	18° 4	24°47	28°40
F 28	16 18 47	5°47'18	20° 2	11°37	1♁ 6	20°33	17° 3	29° 2	23°14	27°54	27°25	19°14	18° 1	24°53	28°42
S 29	16 22 44	6°44'50	1♁54	12°28	2°17	21°18	17° 5	29° 6	23°12	27°52	27°26	19° 8	17°58	25° 0	28°44
S 30	16 26 40	7°42'21	13°46	13°23	3°28	22° 3	17° 6	29°10	23° 9	27°51	27°27	19° 3	17°54	25° 7	28°45
M31	16 30 37	8♁39'51	25♁41	14♁21	4♁39	22♃48	17♁ 8	29♃14	23♃ 7	27♃49	27♃27	19♃ 0	17♃51	25♁14	28♃47

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	14n45	26n32	5n14	16n48	1n 2	1s34	1s29	1s 9	1s15	16s50	0s34	3s11	2s 1	23s27	0s 7	22s13	1n14	15s36	15s44	7n53	7n37	26n46	2n23 3n38
S 2	15 4 23 47	5 3 16 22	0 45	1 9	1 31	0 50	1 14	16 48	0 34	3 9	2 1	23 27	0 7	22 13	1 14	15 36	15 44	7 53	7 36	26 44	2 24	3 38	
M 3	15 22 20	1 4 40	15 24	0 28	0 43	1 33	0 32	1 14	16 47	0 34	3 6	2 2	23 27	0 7	22 13	1 15	15 35	15 45	7 53	7 35	26 43	2 26	3 38
T 4	15 39 15	24 4 3	15 26	0 11	0 17	1 35	0 13	1 14	16 45	0 34	3 4	2 2	23 27	0 7	22 13	1 15	15 35	15 45	7 53	7 33	26 42	2 27	3 38
W 5	15 57 10	5 3 15	14 58	0s 6	0n 9	1 37	0n 5	1 14	16 44	0 35	3 2	2 2	23 27	0 8	22 13	1 15	15 35	15 45	7 54	7 32	26 41	2 28	3 39
T 6	16 14 4 16	2 17	14 30	0 24	0 35	1 39	0 24	1 14	16 42	0 35	3 0	2 2	23 27	0 8	22 13	1 15	15 35	15 45	7 54	7 31	26 40	2 29	3 39
F 7	16 31 1s54	1 10	14 2	0 41	1 1	1 40	0 42	1 14	16 41	0 35	2 58	2 2	23 27	0 8	22 13	1 15	15 35	15 46	7 55	7 30	26 39	2 30	3 39
S 8	16 48 8 9	0s 3	13 36	0 58	1 27	1 42	1 0	1 14	16 39	0 35	2 56	2 2	23 27	0 8	22 13	1 15	15 34	15 46	7 55	7 29	26 37	2 31	3 39
S 9	17 4 14 13	1 17	13 10	1 14	1 53	1 44	1 19	1 14	16 38	0 35	2 53	2 3	23 27	0 8	22 13	1 15	15 34	15 46	7 55	7 27	26 36	2 33	3 39
M10	17 21 19 43	2 28	12 46	1 30	2 20	1 45	1 37	1 14	16 37	0 36	2 51	2 3	23 27	0 8	22 13	1 15	15 34	15 47	7 54	7 26	26 35	2 34	3 39
T 11	17 36 24 12	3 32	12 24	1 45	2 46	1 46	1 55	1 13	16 35	0 36	2 49	2 3	23 27	0 8	22 13	1 15	15 34	15 47	7 53	7 25	26 34	2 35	3 39
W12	17 52 27 13	4 23	12 4	2 0	3 12	1 48	2 13	1 13	16 34	0 36	2 47	2 3	23 27	0 8	22 13	1 15	15 34	15 47	7 51	7 24	26 32	2 36	3 39
T 13	18 7 28 23	4 56	11 46	2 13	3 38	1 49	2 31	1 13	16 33	0 36	2 45	2 3	23 27	0 8	22 12	1 15	15 34	15 47	7 50	7 23	26 31	2 37	3 39
F 14	18 22 27 35	5 11	11 30	2 26	4 5	1 50	2 50	1 13	16 32	0 37	2 43	2 4	23 27	0 8	22 12	1 15	15 34	15 48	7 48	7 21	26 30	2 38	3 39
S 15	18 37 24 55	5 6	11 16	2 37	4 31	1 51	3 8	1 13	16 31	0 37	2 42	2 4	23 27	0 8	22 12	1 15	15 33	15 48	7 47	7 20	26 29	2 39	3 39
S 16	18 51 20 43	4 41	11 5	2 48	4 57	1 52	3 26	1 13	16 30	0 37	2 40	2 4	23 26	0 8	22 12	1 15	15 33	15 48	7 46	7 19	26 27	2 40	3 40
M17	19 5 15 26	4 0	10 56	2 58	5 23	1 53	3 44	1 12	16 29	0 37	2 38	2 4	23 26	0 8	22 12	1 15	15 33	15 49	7 46	7 18	26 26	2 41	3 40
T 18	19 19 9 26	3 6	10 50	3 6	5 49	1 53	4 2	1 12	16 28	0 37	2 36	2 4	23 26	0 8	22 12	1 15	15 33	15 49	7 47	7 16	26 25	2 42	3 40
W19	19 32 3 7	2 2	10 46	3 14	6 15	1 54	4 20	1 12	16 27	0 38	2 34	2 5	23 26	0 8	22 12	1 15	15 33	15 49	7 47	7 15	26 24	2 43	3 40
T 20	19 46 3n14	0 53	10 45	3 20	6 41	1 54	4 37	1 12	16 27	0 38	2 32	2 5	23 26	0 8	22 12	1 15	15 33	15 50	7 48	7 14	26 22	2 44	3 40
F 21	19 58 9 21	0n19	10 46	3 25	7 7	1 55	4 55	1 11	16 26	0 38	2 31	2 5	23 26	0 8	22 12	1 15	15 33	15 50	7 48	7 13	26 21	2 45	3 40
S 22	20 11 14 59	1 27	10 49	3 30	7 33	1 55	5 13	1 11	16 25	0 38	2 29	2 5	23 26	0 8	22 12	1 15	15 33	15 50	7 47	7 12	26 20	2 46	3 40
S 23	20 23 19 53	2 31	10 55	3 33	7 58	1 55	5 31	1 11	16 25	0 39	2 27	2 5	23 26	0 8	22 12	1 15	15 33	15 51	7 46	7 10	26 18	2 47	3 40
M24	20 34 23 50	3 26	11 3	3 36	8 24	1 56																	

SWISS EPHEMERIS for the year 1819

JUNE 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	16 34 33	9♁37'19	7♁43	15♁22	5♁50	23♁33	17♁ 9	29♁18	23°R 5	27°R48	27♁28	18°D59	17♁48	25♁20	28♁49
W 2	16 38 30	10°34'46	19°58	16°27	7° 1	24°17	17°10	29°22	23° 2	27°46	27°28	18°Y59	17°45	25°27	28°50
T 3	16 42 26	11°32'12	2♁31	17°35	8°13	25° 2	17°10	29°26	23° 0	27°45	27°29	19° 0	17°42	25°34	28°52
F 4	16 46 23	12°29'36	15°25	18°46	9°24	25°47	17°11	29°30	22°57	27°43	27°30	19°R 1	17°39	25°41	28°54
S 5	16 50 20	13°26'59	28°45	20° 0	10°35	26°32	17°11	29°33	22°55	27°42	27°30	19° 1	17°35	25°47	28°55
S 6	16 54 16	14°24'22	12♁33	21°17	11°46	27°16	17°R11	29°37	22°53	27°40	27°31	18°58	17°32	25°54	28°57
M 7	16 58 13	15°21'43	26°47	22°37	12°58	28° 1	17°11	29°40	22°50	27°39	27°31	18°54	17°29	26° 1	28°58
T 8	17 2 9	16°19'04	11♁25	24° 0	14° 9	28°45	17°11	29°44	22°48	27°37	27°32	18°47	17°26	26° 7	28°59
W 9	17 6 6	17°16'24	26°19	25°26	15°20	29°30	17°10	29°47	22°45	27°36	27°32	18°39	17°23	26°14	29° 1
T 10	17 10 2	18°13'43	11♁22	26°55	16°32	0♁14	17°10	29°50	22°43	27°34	27°32	18°30	17°19	26°21	29° 2
F 11	17 13 59	19°11'01	26°23	28°26	17°43	0°59	17° 9	29°54	22°41	27°32	27°33	18°22	17°16	26°28	29° 3
S 12	17 17 55	20° 8'19	11♁13	0♁ 1	18°55	1°43	17° 8	29°57	22°38	27°31	27°33	18°15	17°13	26°34	29° 4
S 13	17 21 52	21° 5'36	25°46	1°38	20° 6	2°27	17° 7	29°59	22°36	27°29	27°34	18°11	17°10	26°41	29° 5
M14	17 25 49	22° 2'54	9♁57	3°19	21°18	3°11	17° 5	0°Y 3	22°33	27°28	27°34	18° 8	17° 7	26°48	29° 6
T 15	17 29 45	23° 0'10	23°46	5° 2	22°29	3°55	17° 4	0° 5	22°31	27°26	27°34	18°D 8	17° 4	26°54	29° 7
W16	17 33 42	23°57'27	7°Y13	6°47	23°41	4°39	17° 2	0° 8	22°28	27°24	27°35	18° 8	17° 0	27° 1	29° 8
T 17	17 37 38	24°54'43	20°21	8°36	24°53	5°23	17° 0	0°11	22°26	27°23	27°35	18°R 8	16°57	27° 8	29° 9
F 18	17 41 35	25°51'59	3♁13	10°27	26° 4	6° 7	16°58	0°13	22°23	27°21	27°35	18° 7	16°54	27°15	29°10
S 19	17 45 31	26°49'15	15°51	12°21	27°16	6°51	16°55	0°16	22°21	27°19	27°35	18° 4	16°51	27°21	29°11
S 20	17 49 28	27°46'30	28°17	14°17	28°28	7°35	16°53	0°18	22°18	27°18	27°35	17°58	16°48	27°28	29°11
M21	17 53 24	28°43'46	10♁34	16°16	29°40	8°19	16°50	0°20	22°16	27°16	27°36	17°50	16°45	27°35	29°12
T 22	17 57 21	29°41'01	22°43	18°16	0♁52	9° 2	16°47	0°22	22°14	27°15	27°36	17°39	16°41	27°42	29°13
W23	18 1 18	0♁38'15	4♁46	20°19	2° 4	9°46	16°44	0°24	22°11	27°13	27°36	17°27	16°38	27°48	29°13
T 24	18 5 14	1°35'30	16°43	22°24	3°16	10°29	16°41	0°26	22° 9	27°11	27°36	17°13	16°35	27°55	29°14
F 25	18 9 11	2°32'44	28°36	24°30	4°28	11°13	16°37	0°28	22° 6	27°10	27°36	17° 1	16°32	28° 2	29°14
S 26	18 13 7	3°29'57	10♁27	26°38	5°39	11°56	16°34	0°30	22° 4	27° 8	27°36	16°50	16°29	28° 8	29°15
S 27	18 17 4	4°27'11	22°18	28°47	6°52	12°40	16°30	0°32	22° 2	27° 7	27°36	16°41	16°25	28°15	29°15
M28	18 21 0	5°24'23	4♁12	0♁57	8° 4	13°23	16°26	0°33	21°59	27° 5	27°R36	16°35	16°22	28°22	29°15
T 29	18 24 57	6°21'36	16°14	3° 7	9°16	14° 6	16°22	0°35	21°57	27° 3	27°36	16°31	16°19	28°29	29°16
W30	18 28 53	7♁18'48	28♁27	5♁18	10♁28	14♁49	16♁17	0°Y36	21°55	27° 2	27♁36	16°Y30	16°Y16	28♁35	29♁16

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	21n55	11n49	3n23	13n10	3s26	11n42	1s54	8n 6	1s 8	16s22	0s41	2s14	2s 8	23s25	0s 8	22s12	1n15	15s33	15s54	7n26	7n 0	26n 6	2n55	3n41
W 2	22 3	6 16	2 30	13 33	3 22	12 5	1 53	8 23	1 8	16 22	0 41	2 12	2 8	23 25	0 8	22 12	1 15	15 33	15 54	7 27	6 58	26 5	2 55	3 41
T 3	22 11	0 20	1 27	13 57	3 17	12 29	1 52	8 39	1 7	16 22	0 41	2 11	2 8	23 25	0 8	22 12	1 15	15 33	15 54	7 27	6 57	26 4	2 56	3 42
F 4	22 19	5s47	0 19	14 22	3 11	12 52	1 52	8 56	1 7	16 22	0 41	2 10	2 8	23 25	0 8	22 12	1 15	15 34	15 55	7 27	6 56	26 2	2 57	3 42
S 5	22 26	11 51	0s52	14 48	3 4	13 15	1 51	9 12	1 7	16 22	0 42	2 9	2 8	23 24	0 8	22 12	1 15	15 34	15 55	7 27	6 55	26 1	2 58	3 42
S 6	22 33	17 34	2 3	15 15	2 57	13 38	1 50	9 29	1 6	16 22	0 42	2 7	2 9	23 24	0 8	22 12	1 15	15 34	15 55	7 26	6 53	25 9	2 58	3 42
M 7	22 40	22 30	3 8	15 43	2 50	14 1	1 49	9 45	1 6	16 22	0 42	2 6	2 9	23 24	0 8	22 12	1 15	15 34	15 56	7 25	6 52	25 8	2 59	3 42
T 8	22 46	26 10	4 2	16 11	2 42	14 23	1 48	10 1	1 6	16 23	0 42	2 5	2 9	23 24	0 8	22 12	1 15	15 34	15 56	7 22	6 51	25 6	3 0	3 42
W 9	22 51	28 6	4 41	16 40	2 33	14 45	1 47	10 17	1 5	16 23	0 43	2 4	2 9	23 24	0 8	22 12	1 15	15 34	15 56	7 19	6 50	25 5	3 0	3 42
T 10	22 57	27 59	5 2	17 9	2 24	15 6	1 46	10 33	1 5	16 23	0 43	2 3	2 10	23 24	0 8	22 12	1 15	15 34	15 57	7 16	6 49	25 54	3 1	3 43
F 11	23 1	25 49	5 1	17 39	2 15	15 28	1 45	10 49	1 4	16 24	0 43	2 2	2 10	23 24	0 8	22 12	1 15	15 35	15 57	7 12	6 47	25 52	3 2	3 43
S 12	23 6	21 55	4 40	18 9	2 5	15 49	1 43	11 5	1 4	16 24	0 43	2 1	2 10	23 24	0 8	22 12	1 15	15 35	15 58	7 10	6 46	25 51	3 2	3 43
S 13	23 10	16 44	4 1	18 39	1 54	16 9	1 42	11 21	1 3	16 25	0 44	2 0	2 11	23 23	0 8	22 12	1 15	15 35	15 58	7 8	6 45	25 49	3 3	3 43
M14	23 14	10 45	3 9	19 8	1 44	16 29	1 40	11 36	1 3	16 26	0 44	1 59	2 11	23 23	0 8	22 11	1 15	15 35	15 58	7 7	6 44	25 48	3 3	3 43
T 15	23 17	4 24	2 6	19 38	1 33	16 49	1 39	11 52	1 3	16 26	0 44	1 58	2 11	23 23	0 8	22 11	1 15	15 35	15 59	7 7	6 42	25 46	3 4	3 43
W16	23 20	1n59	0 58	20 7	1 22	17 9	1 37	12 7	1 2	16 27	0 44	1 57	2 11	23 23	0 8	22 11	1 15	15 36	15 59	7 7	6 41	25 45	3 4	3 43
T 17	23 22	8 9	0n12	20 36	1 11	17 28	1 36	12 22	1 2	16 28	0 45	1 56	2 12	23 23	0 8	22 11	1 15	15 36	15 59	7 7	6 40	25 43	3 5	3 44
F 18	23 24	13 50	1 19	21 4	0 59	17 46	1 34	12 37	1 1	16 29	0 45	1 56	2 12	23 23	0 8	22 11	1 15	15 36	16 0	7 7	6 39	25 42	3 5	3 44
S 19	23 26	18 51	2 21	21 30	0 48	18 4	1 32	12 52	1 1	16 30	0 45	1 55	2 12	23 23	0 8	22 11	1 15	15 36	16 0	7 6	6 38	25 40	3 6	3 44
S 20	23 27	22 59	3 16	21 56	0 36	18 22	1 30	13 6	1 0	16 31	0 45	1 54	2 12	23 23	0 8	22 11	1 15	15 37	16 1	7 3	6 36	25 39	3 6	3 44
M21	23 28	26 1	4 0	22 21	0 25	18 39	1 29	13 21	1 0	16 32	0 46	1 54	2 13	23 22	0 8	22 11	1 15	15 37	16 1	7 0	6 35	25 37	3 6	3 44
T 22	23 28	27 48	4 33	22 43	0 14	18 56	1 27	13 35	0 59	16 33	0 46	1 53	2 13	23 22	0 8	22 11	1 15	15 37	16 1	6 56	6 34	25 36	3 7	3 44
W23	23 28	28 16	4 53	23 4	0 2	19 13	1 25	13 50	0 59	16 34	0 46	1 52	2 13	23 22	0 8	22 11	1 15	15 37	16 2	6 51	6 33	25 34	3 7	3 44
T 24	23 27	27 23	5 0	23 24	0n 9	19 29	1 23	14 4	0 58	16 36	0 46	1 52	2 13	23 22	0 8	22 11	1 15	15 38	16 2	6 46	6 32	25 32	3 8	3 45
F 25	23 26	25 16	4 54	23 41	0 19	19 44	1 21	14 18	0 58	16 37	0 47	1 51	2 14	23 22	0 8	22 11	1 15	15 38	16 2	6 41	6 30	25 31	3 8	3 45
S 26	23 25	22 3	4 36	23 55	0 30	19 59	1 19	14 32	0 57	16 38	0 47	1 51	2 14	23 22	0 8	22 11	1 15	15 38	16 3	6 37	6 29	25 29	3 8	3 45
S 27	23 23	17 57	4 5	24 7	0 40	20 13	1 16	14 45	0 56	16 39	0 47	1 51	2 14	23 22	0 8	22 11	1 15	15 39	16 3	6 34	6 28	25 28	3 8	3 45
M28	23 21	13 8	3 24	24 17	0 49	20 27	1 14	14 59	0 56	16 41	0 47	1 50	2 15	23 21	0 8	22 11	1 15	15 39	16 4	6 31	6 27	25 26	3 9	3 45
T 29	23 19	7 47	2 33	24 24	0 58	20 41	1 12	15 12	0 55	16 42	0 48	1 50	2 15	23 21	0 8	22 11	1 15	15 39	16 4	6 30				

SWISS EPHEMERIS for the year 1819

JULY 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
T 1	18 32 50	8 ^h 16'00	10 ^h 56	7 ^h 29	11 ^h 40	15 ^h 32	16 ^h R13	0 ^h Y37	21 ^h R52	27 ^h R 0	27 ^h R36	16 ^h R30	16 ^h Y13	28 ^h 42	29 ^h K16
F 2	18 36 47	9 ^h 13'11	23 ^h 46	9 ^h 39	12 ^h 52	16 ^h 15	16 ^h 8	0 ^h 39	21 ^h 50	26 ^h 59	27 ^h K36	16 ^h Y30	16 ^h 10	28 ^h 49	29 ^h 16
S 3	18 40 43	10 ^h 10'22	7 ^h M 3	11 ^h 49	14 ^h 4	16 ^h 58	16 ^h 3	0 ^h 40	21 ^h 48	26 ^h 57	27 ^h 36	16 ^h 28	16 ^h 6	28 ^h 55	29 ^h R16
S 4	18 44 40	11 ^h 7'33	20 ^h 48	13 ^h 58	15 ^h 17	17 ^h 41	15 ^h 58	0 ^h 41	21 ^h 45	26 ^h 55	27 ^h 36	16 ^h 25	16 ^h 3	29 ^h 2	29 ^h 16
M 5	18 48 36	12 ^h 4'44	5 ^h 3 3	16 ^h 7	16 ^h 29	18 ^h 23	15 ^h 53	0 ^h 41	21 ^h 43	26 ^h 54	27 ^h 36	16 ^h 20	16 ^h 0	29 ^h 9	29 ^h 16
T 6	18 52 33	13 ^h 1'54	19 ^h 45	18 ^h 14	17 ^h 41	19 ^h 6	15 ^h 48	0 ^h 42	21 ^h 41	26 ^h 52	27 ^h 36	16 ^h 12	15 ^h 57	29 ^h 16	29 ^h 16
W 7	18 56 29	13 ^h 59'05	4 ^h 39	20 ^h 19	18 ^h 53	19 ^h 48	15 ^h 43	0 ^h 43	21 ^h 39	26 ^h 51	27 ^h 35	16 ^h 2	15 ^h 54	29 ^h 22	29 ^h 16
T 8	19 0 26	14 ^h 56'16	20 ^h 5	22 ^h 24	20 ^h 6	20 ^h 31	15 ^h 37	0 ^h 43	21 ^h 36	26 ^h 49	27 ^h 35	15 ^h 51	15 ^h 51	29 ^h 29	29 ^h 15
F 9	19 4 23	15 ^h 53'27	5 ^h 22	24 ^h 27	21 ^h 18	21 ^h 13	15 ^h 31	0 ^h 44	21 ^h 34	26 ^h 48	27 ^h 35	15 ^h 41	15 ^h 47	29 ^h 36	29 ^h 15
S 10	19 8 19	16 ^h 50'38	20 ^h 29	26 ^h 28	22 ^h 31	21 ^h 56	15 ^h 25	0 ^h 44	21 ^h 32	26 ^h 46	27 ^h 35	15 ^h 32	15 ^h 44	29 ^h 43	29 ^h 15
S 11	19 12 16	17 ^h 47'49	5 ^h K17	28 ^h 27	23 ^h 43	22 ^h 38	15 ^h 20	0 ^h 45	21 ^h 30	26 ^h 45	27 ^h 35	15 ^h 26	15 ^h 41	29 ^h 49	29 ^h 14
M12	19 16 12	18 ^h 45'01	19 ^h 40	0 ^h Ω25	24 ^h 56	23 ^h 20	15 ^h 13	0 ^h 45	21 ^h 28	26 ^h 43	27 ^h 34	15 ^h 22	15 ^h 38	29 ^h 56	29 ^h 14
T13	19 20 9	19 ^h 42'14	3 ^h Y36	2 ^h 21	26 ^h 8	24 ^h 2	15 ^h 7	0 ^h R45	21 ^h 26	26 ^h 42	27 ^h 34	15 ^h 21	15 ^h 35	0 ^h Ω 3	29 ^h 13
W14	19 24 5	20 ^h 39'27	17 ^h 5	4 ^h 15	27 ^h 21	24 ^h 44	15 ^h 1	0 ^h 45	21 ^h 24	26 ^h 40	27 ^h 34	15 ^h 21	15 ^h 31	0 ^h 9	29 ^h 13
T 15	19 28 2	21 ^h 36'41	0 ^h 811	6 ^h 8	28 ^h 33	25 ^h 26	14 ^h 54	0 ^h 45	21 ^h 22	26 ^h 39	27 ^h 33	15 ^h 20	15 ^h 28	0 ^h 16	29 ^h 12
F 16	19 31 58	22 ^h 33'55	12 ^h 56	7 ^h 58	29 ^h 46	26 ^h 8	14 ^h 48	0 ^h 44	21 ^h 20	26 ^h 38	27 ^h 33	15 ^h 19	15 ^h 25	0 ^h 23	29 ^h 12
S 17	19 35 55	23 ^h 31'11	25 ^h 25	9 ^h 47	0 ^h Ω59	26 ^h 50	14 ^h 41	0 ^h 44	21 ^h 18	26 ^h 36	27 ^h 32	15 ^h 16	15 ^h 22	0 ^h 30	29 ^h 11
S 18	19 39 52	24 ^h 28'27	7 ^h II41	11 ^h 34	2 ^h 12	27 ^h 31	14 ^h 34	0 ^h 44	21 ^h 16	26 ^h 35	27 ^h 32	15 ^h 10	15 ^h 19	0 ^h 36	29 ^h 10
M19	19 43 48	25 ^h 25'44	19 ^h 48	13 ^h 19	3 ^h 24	28 ^h 13	14 ^h 27	0 ^h 43	21 ^h 14	26 ^h 33	27 ^h 32	15 ^h 1	15 ^h 16	0 ^h 43	29 ^h 9
T 20	19 47 45	26 ^h 23'01	1 ^h Ω48	15 ^h 2	4 ^h 37	28 ^h 54	14 ^h 20	0 ^h 42	21 ^h 12	26 ^h 32	27 ^h 31	14 ^h 50	15 ^h 12	0 ^h 50	29 ^h 8
W21	19 51 41	27 ^h 20'19	13 ^h 44	16 ^h 44	5 ^h 50	29 ^h 36	14 ^h 13	0 ^h 42	21 ^h 10	26 ^h 31	27 ^h 31	14 ^h 37	15 ^h 9	0 ^h 56	29 ^h 7
T 22	19 55 38	28 ^h 17'38	25 ^h 37	18 ^h 23	7 ^h 3	0 ^h II17	14 ^h 6	0 ^h 41	21 ^h 9	26 ^h 29	27 ^h 30	14 ^h 24	15 ^h 6	1 ^h 3	29 ^h 6
F 23	19 59 34	29 ^h 14'57	7 ^h Ω29	20 ^h 1	8 ^h 16	0 ^h 58	13 ^h 59	0 ^h 40	21 ^h 7	26 ^h 28	27 ^h 30	14 ^h 11	15 ^h 3	1 ^h 10	29 ^h 5
S 24	20 3 31	0 ^h Ω12'17	19 ^h 20	21 ^h 37	9 ^h 29	1 ^h 39	13 ^h 52	0 ^h 39	21 ^h 5	26 ^h 27	27 ^h 29	13 ^h 59	15 ^h 0	1 ^h 17	29 ^h 4
S 25	20 7 27	1 ^h 9'37	1 ^h II13	23 ^h 11	10 ^h 42	2 ^h 20	13 ^h 44	0 ^h 38	21 ^h 3	26 ^h 26	27 ^h 29	13 ^h 50	14 ^h 57	1 ^h 23	29 ^h 3
M26	20 11 24	2 ^h 6'58	13 ^h 11	24 ^h 43	11 ^h 55	3 ^h 1	13 ^h 37	0 ^h 36	21 ^h 2	26 ^h 24	27 ^h 28	13 ^h 44	14 ^h 53	1 ^h 30	29 ^h 2
T 27	20 15 21	3 ^h 4'20	25 ^h 15	26 ^h 14	13 ^h 8	3 ^h 42	13 ^h 29	0 ^h 35	21 ^h 0	26 ^h 23	27 ^h 27	13 ^h 40	14 ^h 50	1 ^h 37	29 ^h 1
W28	20 19 17	4 ^h 1'42	7 ^h Ω30	27 ^h 42	14 ^h 21	4 ^h 23	13 ^h 22	0 ^h 34	20 ^h 59	26 ^h 22	27 ^h 27	13 ^h 38	14 ^h 47	1 ^h 43	29 ^h 0
T 29	20 23 14	4 ^h 59'05	19 ^h 59	29 ^h 9	15 ^h 34	5 ^h 4	13 ^h 14	0 ^h 32	20 ^h 57	26 ^h 21	27 ^h 26	13 ^h D38	14 ^h 44	1 ^h 50	28 ^h 58
F 30	20 27 10	5 ^h 56'28	2 ^h II48	0 ^h II34	16 ^h 47	5 ^h 44	13 ^h 6	0 ^h 30	20 ^h 56	26 ^h 20	27 ^h 25	13 ^h R39	14 ^h 41	1 ^h 57	28 ^h 57
S 31	20 31 7	6 ^h Ω53'52	15 ^h II59	1 ^h II57	18 ^h 0	6 ^h II25	12 ^h 58	0 ^h Y29	20 ^h 54	26 ^h 18	27 ^h K25	13 ^h Y38	14 ^h Y37	2 ^h Ω 4	28 ^h K55

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
T 1	23n12	3s53	0n29	24n29	1n14	21n 6	1s 8	15n39	0s54	16s45	0s48	1s49	2s15	23s21	0s 8	22s11	1n15	15s40	16s 5	6n29	6n23	25n21	3n 9	3n46
F 2	23 9 9 50	0s38	24 28	1 21	21 17	1 5	15 52	0 54	16 47	0 48	1 49	2 16	23 21	0 8	22 11	1 15	15 40	16 5	6 29	6 22	25 20	3 9	3 46	
S 3	23 4 15 33	1 46	24 23	1 27	21 28	1 3	16 4	0 53	16 49	0 48	1 49	2 16	23 21	0 8	22 11	1 15	15 41	16 5	6 29	6 21	25 18	3 10	3 46	
S 4	23 0 20 43	2 50	24 16	1 33	21 39	1 0	16 17	0 52	16 50	0 49	1 49	2 16	23 21	0 8	22 11	1 15	15 41	16 6	6 28	6 19	25 17	3 10	3 46	
M 5	22 55 24 52	3 46	24 6	1 38	21 49	0 58	16 29	0 52	16 52	0 49	1 49	2 16	23 21	0 8	22 11	1 15	15 41	16 6	6 26	6 18	25 15	3 10	3 46	
T 6	22 50 27 32	4 29	23 54	1 42	21 58	0 56	16 42	0 51	16 54	0 49	1 49	2 17	23 20	0 8	22 11	1 15	15 42	16 7	6 23	6 17	25 13	3 10	3 46	
W 7	22 44 28 17	4 54	23 39	1 45	22 7	0 53	16 54	0 50	16 56	0 49	1 49	2 17	23 20	0 8	22 11	1 15	15 42	16 7	6 19	6 16	25 12	3 10	3 46	
T 8	22 38 26 54	4 59	23 22	1 47	22 15	0 51	17 6	0 50	16 58	0 50	1 49	2 17	23 20	0 8	22 11	1 15	15 43	16 7	6 15	6 14	25 10	3 10	3 47	
F 9	22 31 23 31	4 43	23 3	1 49	22 23	0 48	17 18	0 49	17 0	0 50	1 49	2 18	23 20	0 8	22 11	1 15	15 43	16 8	6 11	6 13	25 8	3 10	3 47	
S 10	22 24 18 34	4 7	22 41	1 50	22 30	0 46	17 29	0 49	17 2	0 50	1 49	2 18	23 20	0 8	22 11	1 15	15 44	16 8	6 7	6 12	25 7	3 10	3 47	
S 11	22 17 12 36	3 15	22 18	1 51	22 36	0 43	17 41	0 48	17 3	0 50	1 49	2 18	23 20	0 8	22 11	1 15	15 44	16 8	6 5	6 11	25 5	3 10	3 47	
M12	22 9 6 6	2 11	21 53	1 50	22 42	0 40	17 52	0 47	17 5	0 50	1 49	2 18	23 20	0 8	22 11	1 15	15 44	16 9	6 4	6 10	25 3	3 10	3 47	
T13	22 1 0n29	1 2	21 26	1 49	22 47	0 38	18 3	0 47	17 8	0 51	1 49	2 19	23 19	0 8	22 11	1 15	15 45	16 9	6 3	6 8	25 2	3 10	3 47	
W14	21 53 6 52	0n 9	20 58	1 48	22 51	0 35	18 14	0 46	17 10	0 51	1 50	2 19	23 19	0 8	22 11	1 14	15 45	16 9	6 3	6 7	25 0	3 10	3 47	
T 15	21 44 12 45	1 18	20 28	1 46	22 55	0 33	18 25	0 45	17 12	0 51	1 50	2 19	23 19	0 8	22 11	1 14	15 46	16 10	6 3	6 6	24 58	3 10	3 47	
F 16	21 34 17 58	2 20	19 57	1 43	22 58	0 30	18 35	0 44	17 14	0 51	1 50	2 19	23 19	0 8	22 11	1 14	15 46	16 10	6 2	6 5	24 57	3 9	3 48	
S 17	21 25 22 17	3 15	19 25	1 39	23 0	0 27	18 46	0 44	17 16	0 51	1 51	2 20	23 19	0 8	22 11	1 14	15 47	16 10	6 1	6 3	24 55	3 9	3 48	
S 18	21 15 25 33	3 59	18 52	1 35	23 2	0 25	18 56	0 43	17 1															

SWISS EPHEMERIS for the year 1819

AUGUST 1819

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Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
S 1	20 35 3	7♏51'16	29♐38	3♍18	19♌14	7♏ 5	12°R51	0°R27	20°R53	26°R17	27°R24	13°R36	14°Y34	2♑10	28°R54
M 2	20 39 0	8°48'41	13♌45	4°37	20°27	7°45	12°43	0°Y25	20°51	26°16	27°23	13°Y32	14°31	2°17	28°53
T 3	20 42 56	9°46'07	28°19	5°54	21°40	8°25	12°35	0°23	20°50	26°15	27°23	13°26	14°28	2°24	28°51
W 4	20 46 53	10°43'34	13♌17	7° 9	22°54	9° 5	12°27	0°21	20°49	26°14	27°22	13°18	14°25	2°30	28°49
T 5	20 50 50	11°41'01	28°30	8°22	24° 7	9°45	12°20	0°19	20°47	26°13	27°21	13° 9	14°22	2°37	28°48
F 6	20 54 46	12°38'30	13♌48	9°32	25°20	10°25	12°12	0°17	20°46	26°12	27°20	13° 0	14°18	2°44	28°46
S 7	20 58 43	13°35'59	29° 1	10°40	26°34	11° 5	12° 4	0°14	20°45	26°11	27°20	12°53	14°15	2°51	28°44
S 8	21 2 39	14°33'30	13♌57	11°46	27°47	11°45	11°56	0°12	20°44	26°10	27°19	12°48	14°12	2°57	28°43
M 9	21 6 36	15°31'02	28°29	12°50	29° 1	12°24	11°48	0° 9	20°43	26° 9	27°18	12°45	14° 9	3° 4	28°41
T 10	21 10 32	16°28'35	12°Y34	13°50	0♑14	13° 4	11°41	0° 7	20°42	26° 8	27°17	12°D44	14° 6	3°11	28°39
W 11	21 14 29	17°26'09	26°11	14°49	1°28	13°43	11°33	0° 4	20°41	26° 7	27°16	12°45	14° 3	3°17	28°37
T 12	21 18 25	18°23'45	9♌21	15°44	2°41	14°22	11°25	0° 1	20°40	26° 7	27°15	12°46	13°59	3°24	28°35
F 13	21 22 22	19°21'23	22° 8	16°36	3°55	15° 1	11°17	29°58	20°39	26° 6	27°14	12°R46	13°56	3°31	28°33
S 14	21 26 19	20°19'02	4♏35	17°25	5° 9	15°40	11°10	29°55	20°38	26° 5	27°14	12°45	13°53	3°38	28°31
S 15	21 30 15	21°16'43	16°48	18°11	6°22	16°19	11° 2	29°52	20°37	26° 4	27°13	12°42	13°50	3°44	28°29
M 16	21 34 12	22°14'25	28°51	18°53	7°36	16°58	10°55	29°49	20°37	26° 3	27°12	12°36	13°47	3°51	28°27
T 17	21 38 8	23°12'09	10♌47	19°32	8°50	17°37	10°47	29°46	20°36	26° 3	27°11	12°29	13°43	3°58	28°25
W 18	21 42 5	24° 9'54	22°39	20° 7	10° 4	18°15	10°40	29°43	20°35	26° 2	27°10	12°21	13°40	4° 4	28°23
T 19	21 46 1	25° 7'41	4♏30	20°37	11°18	18°54	10°32	29°39	20°35	26° 1	27° 9	12°12	13°37	4°11	28°21
F 20	21 49 58	26° 5'30	16°23	21° 4	12°32	19°32	10°25	29°36	20°34	26° 1	27° 8	12° 3	13°34	4°18	28°18
S 21	21 53 54	27° 3'19	28°18	21°25	13°45	20°10	10°18	29°32	20°33	26° 0	27° 7	11°55	13°31	4°25	28°16
S 22	21 57 51	28° 1'10	10♐18	21°42	14°59	20°48	10°11	29°29	20°33	26° 0	27° 6	11°49	13°28	4°31	28°14
M 23	22 1 48	28°59'03	22°23	21°54	16°13	21°26	10° 4	29°25	20°33	25°59	27° 5	11°45	13°24	4°38	28°12
T 24	22 5 44	29°56'57	4♌37	22° 0	17°27	22° 4	9°57	29°22	20°32	25°59	27° 4	11°43	13°21	4°45	28° 9
W 25	22 9 41	0♐54'52	17° 1	22°R 1	18°41	22°42	9°50	29°18	20°32	25°58	27° 3	11°D43	13°18	4°51	28° 7
T 26	22 13 37	1°52'49	29°38	21°56	19°55	23°19	9°43	29°14	20°32	25°58	27° 2	11°44	13°15	4°58	28° 4
F 27	22 17 34	2°50'47	12♐32	21°45	21°10	23°57	9°37	29°10	20°31	25°57	27° 1	11°46	13°12	5° 5	28° 2
S 28	22 21 30	3°48'46	25°44	21°27	22°24	24°34	9°30	29° 6	20°31	25°57	26°59	11°47	13° 8	5°12	27°59
S 29	22 25 27	4°46'47	9♌18	21° 4	23°38	25°11	9°24	29° 2	20°31	25°57	26°58	11°R47	13° 5	5°18	27°57
M 30	22 29 23	5°44'49	23°15	20°35	24°52	25°48	9°17	28°58	20°31	25°56	26°57	11°46	13° 2	5°25	27°55
T 31	22 33 20	6♐42'53	7♌36	20♐ 0	26♏ 6	26♏25	9♌11	28°54	20°D31	25°56	26°56	11°Y43	12°Y59	5♏32	27°52

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
S 1	18n19	23s40	3s39	10n15	0s 4	22n17	0n12	20n59	0s32	17s50	0s54	2s 1	2s24	23s17	0s 8	22s11	1n14	15s54	16s15	5n23	5n45	24n28	3n 4	3n50
M 2	18 5 26	50 4 24	9 38	0 13	22 9	0 14	21 7	0 31	17 53	0 54	2 2	2 24	23 17	0 8	22 11	1 14	15 55	16 16	5 21	5 44	24 27	3 4	3 50	
T 3	17 49 28	20 4 53	9 0	0 23	22 0	0 17	21 14	0 31	17 55	0 54	2 3	2 24	23 17	0 8	22 11	1 14	15 56	16 16	5 18	5 43	24 25	3 3	3 50	
W 4	17 34 27	50 5 4	8 23	0 33	21 50	0 19	21 21	0 30	17 57	0 54	2 4	2 24	23 17	0 8	22 11	1 14	15 56	16 16	5 15	5 41	24 23	3 3	3 50	
T 5	17 18 25	16 4 53	7 47	0 43	21 40	0 22	21 28	0 29	18 0	0 55	2 5	2 25	23 17	0 8	22 11	1 14	15 57	16 16	5 12	5 40	24 21	3 2	3 50	
F 6	17 2 20	52 4 21	7 11	0 53	21 29	0 24	21 34	0 28	18 2	0 55	2 6	2 25	23 17	0 8	22 11	1 14	15 57	16 17	5 8	5 39	24 19	3 2	3 50	
S 7	16 46 15	8 3 31	6 36	1 3	21 18	0 27	21 41	0 27	18 4	0 55	2 7	2 25	23 17	0 8	22 11	1 14	15 58	16 17	5 6	5 38	24 17	3 1	3 50	
S 8	16 29 8	35 2 28	6 1	1 14	21 6	0 29	21 47	0 26	18 7	0 55	2 9	2 25	23 17	0 8	22 11	1 14	15 58	16 17	5 4	5 36	24 15	3 0	3 50	
M 9	16 12 1	45 1 16	5 27	1 25	20 53	0 31	21 53	0 25	18 9	0 55	2 10	2 26	23 17	0 8	22 11	1 14	15 59	16 18	5 2	5 35	24 14	3 0	3 50	
T 10	15 55 4n58	0 1 4	5 54	1 35	20 40	0 34	21 59	0 24	18 11	0 55	2 11	2 26	23 17	0 8	22 11	1 14	16 0	16 18	5 2	5 34	24 12	2 59	3 50	
W 11	15 38 11	14 1n11	4 21	1 46	20 26	0 36	22 5	0 24	18 13	0 55	2 12	2 26	23 17	0 8	22 11	1 14	16 0	16 18	5 2	5 33	24 10	2 58	3 50	
T 12	15 20 16	48 2 18	3 50	1 57	20 12	0 38	22 10	0 23	18 16	0 55	2 14	2 26	23 17	0 8	22 11	1 13	16 1	16 18	5 3	5 31	24 8	2 58	3 50	
F 13	15 2 21	28 3 15	3 20	2 8	19 57	0 40	22 16	0 22	18 18	0 55	2 15	2 26	23 16	0 8	22 11	1 13	16 1	16 19	5 3	5 30	24 6	2 57	3 51	
S 14	14 44 25	2 4 2	2 51	2 19	19 41	0 42	22 21	0 21	18 20	0 56	2 16	2 27	23 16	0 8	22 11	1 13	16 2	16 19	5 2	5 29	24 4	2 56	3 51	
S 15	14 25 27	23 4 36	2 23	2 30	19 25	0 45	22 26	0 20	18 22	0 56	2 18	2 27	23 16	0 8	22 11	1 13	16 2	16 19	5 1	5 28	24 2	2 55	3 51	
M 16	14 7 28	25 4 58	1 56	2 41	19 8	0 47	22 31	0 19	18 24	0 56	2 19	2 27	23 16	0 8	22 11	1 13	16 3	16 19	4 59	5 26	24 0	2 55	3 51	
T 17	13 48 28	7 5 6	1 31	2 51	18 51	0 49	22 35	0 18	18 27	0 56	2 21	2 27	23 16	0 8	22 11	1 13	16 4	16 19	4 56	5 25	23 58	2 54	3 51	
W 18	13 29 26	31 5 2	1 8	3 2	18 33	0 51	22 40	0 17	18 29	0 56	2 22	2 28	23 16	0 8	22 11	1 13	16 4	16 20	4 53	5 24	23 56	2 53	3 51	
T 19	13 10 23	45 4 44	0 47	3 12	18 15	0 53	22 44	0 16	18 31	0 56	2 24	2 28	23 16	0 8	22 11	1 13	16 5	16 20	4 49	5 23	23 55	2 52	3 51	
F 20	12 50 19	59 4 14	0 27	3 22	17 56	0 54	22 48	0 15	18 33	0 56	2 25	2 28	23 16	0 8	22 11	1 13	16 5	16 20	4 46	5 22	23 53	2 51	3 51	
S 21	12 30 15	24 3 33	0 10	3 32	17 37	0 56	22 52	0 14	18 35	0 56	2 27	2 28	23 16	0 8	22 11	1 13	16 6	16 20	4 43	5 20	23 51	2 51	3 51	
S 22	12 10 10	13 2 42	0s 5	3 41	17 17	0 58	22 56	0 13	18 37	0 56	2 28	2 28	23 16	0 8	22 11	1 13	16 6	16 21	4 41	5 19	23 49	2 50	3 51	
M 23	11 50 4	36 1 43	0 18	3 49	16 57	1 0	22 59	0 12	18 39	0 56	2 30	2 28	23 16	0 8	22 11	1 13	16 7	16 21	4 39	5 18	23 47	2 49	3 51	
T 24	11 30 1s15	0 38	0 28	3 57	16 36	1 2	23 3	0 11	18 41	0 56	2 32	2 29	23 16	0 8	22 11	1 13	16 8	16 21	4 38	5 17	23 45	2 48	3 51	
W 25	11 10 7	8 0s29	0 35	4 5	16 14	1 3	23 6	0 10	18 43	0 56	2 33	2 29	23 16	0 8	22 11	1 13	16 8	16 21	4 38	5 15	23 43	2 47	3 51	
T 26	10 49 12	51 1 36	0 39	4 11	15 53	1 5	23 9	0 9	18 44	0 56	2 35	2 29	23 16	0 8	22 11	1 13	16 9	16 21	4 39	5 14	23 41	2 46	3 51	
F 27	10 28 18	9 2 40	0 39	4 17	15 31	1 6	23 12	0 8	18 46	0 56	2 37	2 29	23 16	0 8	22 11	1 13	16 9	16 21	4 39	5 13	23 39	2 45	3 51	
S 28	10 7 22	43 3 36	0 37	4 21	15 8	1 8	23 14	0 7	18 48	0 56	2 38	2 29	23 16	0 8	22 11	1 13	16 10	16 22	4 40	5 12	23 37	2 44	3 51	
S 29	9 46 26	12 4 23	0 31	4 25	14 45	1 9	23 17	0 6	18 50	0 56	2 40	2 29	23 1											

SWISS EPHEMERIS for the year 1819

SEPTEMBER 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
W 1	22 37 17	7 ^h 40'58"	22 ^h 31'16"	19°R19	27 ^h 02'20"	27 ^h 11'2"	9°R 5	28°R50	20 ^h 31'31"	25°R56	26°R55	11°R39	12 ^h Y56	5 ^h 03'38"	27°R49	
T 2	22 41 13	8°39'04"	7 ^h 31'13"	18 ^h 13'33"	28°35	27°38	8 ^h 59'59"	28 ^h 46'46"	20°31	25 ^h 56	26 ^h 54	11°Y34	12°53	5°45	27 ^h 47	
F 3	22 45 10	9°37'12"	22°16	17°42	29°49	28°15	8°54	28°42	20°31	25°55	26°53	11°30	12°49	5°52	27°44	
S 4	22 49 6	10°35'21"	7 ^h 31'18"	16°47	1 ^h 11'3	28°51	8°48	28°37	20°32	25°55	26°52	11°26	12°46	5°59	27°42	
S 5	22 53 3	11°33'32"	22° 9	15°50	2°18	29°27	8°43	28°33	20°32	25°55	26°51	11°23	12°43	6° 5	27°39	
M 6	22 56 59	12°31'45"	6 ^h Y41	14°51	3°32	0 ^h 3	8°37	28°29	20°32	25°55	26°49	11°D22	12°40	6°12	27°36	
T 7	23 0 56	13°29'59"	20°50	13°51	4°46	0°39	8°32	28°24	20°32	25°55	26°48	11°22	12°37	6°19	27°34	
W 8	23 4 52	14°28'16"	4 ^h 33'2	12°52	6° 1	1°15	8°27	28°20	20°33	25°D55	26°47	11°24	12°34	6°25	27°31	
T 9	23 8 49	15°26'35"	17°48	11°55	7°15	1°51	8°22	28°15	20°33	25°55	26°46	11°25	12°30	6°32	27°28	
F 10	23 12 46	16°24'56"	0 ^h 11'39"	11° 2	8°30	2°26	8°18	28°11	20°34	25°55	26°45	11°27	12°27	6°39	27°26	
S 11	23 16 42	17°23'19"	13°11	10°13	9°44	3° 1	8°13	28° 6	20°34	25°55	26°44	11°R27	12°24	6°46	27°23	
S 12	23 20 39	18°21'44"	25°25	9°31	10°59	3°36	8° 9	28° 2	20°35	25°55	26°42	11°27	12°21	6°52	27°20	
M13	23 24 35	19°20'11"	7 ^h 32'8"	8°55	12°13	4°11	8° 5	27°57	20°36	25°55	26°41	11°26	12°18	6°59	27°17	
T 14	23 28 32	20°18'41"	19°23	8°28	13°28	4°46	8° 1	27°53	20°36	25°56	26°40	11°24	12°14	7° 6	27°15	
W15	23 32 28	21°17'12"	1 ^h 01'14"	8° 9	14°43	5°21	7°57	27°48	20°37	25°56	26°39	11°21	12°11	7°12	27°12	
T 16	23 36 25	22°15'46"	13° 6	8°D 0	15°57	5°55	7°53	27°43	20°38	25°56	26°38	11°18	12° 8	7°19	27° 9	
F 17	23 40 21	23°14'22"	25° 1	8° 0	17°12	6°29	7°50	27°39	20°39	25°56	26°36	11°15	12° 5	7°26	27° 6	
S 18	23 44 18	24°12'59"	7 ^h 11'2	8° 9	18°27	7° 4	7°47	27°34	20°40	25°57	26°35	11°12	12° 2	7°33	27° 4	
S 19	23 48 15	25°11'39"	19°11	8°29	19°41	7°37	7°44	27°30	20°41	25°57	26°34	11°11	11°59	7°39	27° 1	
M20	23 52 11	26°10'21"	1 ^h 30	8°58	20°56	8°11	7°41	27°25	20°42	25°57	26°33	11°10	11°55	7°46	26°58	
T 21	23 56 8	27° 9'04"	13°59	9°35	22°11	8°45	7°38	27°20	20°43	25°58	26°32	11°D 9	11°52	7°53	26°55	
W22	0 0 4	28° 7'50"	26°40	10°22	23°25	9°18	7°35	27°16	20°44	25°58	26°30	11°10	11°49	7°59	26°52	
T 23	0 4 1	29° 6'37"	9 ^h 11'34"	11°16	24°40	9°51	7°33	27°11	20°45	25°59	26°29	11°11	11°46	8° 6	26°50	
F 24	0 7 57	0 ^h 5'26"	22°42	12°18	25°55	10°24	7°31	27° 6	20°46	25°59	26°28	11°12	11°43	8°13	26°47	
S 25	0 11 54	1° 4'18"	6 ^h 31'5	13°27	27°10	10°57	7°29	27° 2	20°47	26° 0	26°27	11°13	11°40	8°20	26°44	
S 26	0 15 50	2° 3'10"	19°43	14°42	28°25	11°29	7°27	26°57	20°49	26° 0	26°26	11°13	11°36	8°26	26°41	
M27	0 19 47	3° 2'05"	3 ^h 33'7	16° 3	29°40	12° 2	7°26	26°52	20°50	26° 1	26°24	11°R13	11°33	8°33	26°39	
T 28	0 23 44	4° 1'01"	17°47	17°28	0 ^h 54	12°34	7°24	26°48	20°51	26° 1	26°23	11°13	11°30	8°40	26°36	
W29	0 27 40	4°59'59"	2 ^h 22'9	18°58	2° 9	13° 6	7°23	26°43	20°53	26° 2	26°22	11°13	11°27	8°46	26°33	
T 30	0 31 37	5 ^h 58'59"	16 ^h 34'2	20 ^h 13'31"	3 ^h 24	13 ^h 38	7 ^h 22	26 ^h 39	20 ^h 54	26 ^h 3	26 ^h 21	11 ^h Y12	11 ^h Y24	8 ^h 53	26 ^h 30	

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
W 1	8n42	26s39	5s 6	0n 9	4s26	13n33	1n13	23n23	0s 3	18s55	0s56	2s45	2s30	23s16	0s 8	22s12
T 2	8 20	23 1	4 41	0 30	4 23	13 9	1 14	23 25	0 2	18 56	0 56	2 47	2 30	23 16	0 8	22 12
F 3	7 58	17 50	3 56	0 54	4 18	12 44	1 16	23 27	0 1	18 58	0 57	2 49	2 30	23 16	0 8	22 12
S 4	7 36	11 33	2 56	1 22	4 11	12 18	1 17	23 28	0n 1	18 59	0 57	2 51	2 30	23 16	0 8	22 12
S 5	7 14	4 42	1 43	1 52	4 3	11 53	1 18	23 30	0 2	19 1	0 57	2 53	2 30	23 16	0 8	22 12
M 6	6 52	2n16	0 26	2 24	3 52	11 27	1 19	23 31	0 3	19 2	0 57	2 55	2 31	23 16	0 8	22 12
T 7	6 30	8 56	0n52	2 59	3 40	11 0	1 20	23 32	0 4	19 3	0 57	2 56	2 31	23 16	0 8	22 12
W 8	6 7	14 59	2 4	3 34	3 25	10 34	1 20	23 33	0 5	19 5	0 57	2 58	2 31	23 16	0 8	22 12
T 9	5 45	20 8	3 7	4 11	3 10	10 7	1 21	23 33	0 6	19 6	0 56	3 0	2 31	23 16	0 8	22 12
F 10	5 22	24 12	3 58	4 47	2 53	9 39	1 22	23 34	0 7	19 7	0 56	3 2	2 31	23 16	0 8	22 12
S 11	4 59	26 59	4 37	5 22	2 34	9 12	1 23	23 34	0 9	19 8	0 56	3 4	2 31	23 16	0 8	22 12
S 12	4 36	28 25	5 2	5 55	2 15	8 44	1 23	23 35	0 10	19 9	0 56	3 6	2 31	23 16	0 8	22 12
M13	4 14	28 28	5 14	6 27	1 56	8 16	1 24	23 35	0 11	19 10	0 56	3 8	2 31	23 16	0 8	22 12
T 14	3 51	27 12	5 11	6 55	1 36	7 48	1 24	23 35	0 12	19 12	0 56	3 10	2 31	23 16	0 8	22 12
W15	3 28	24 43	4 56	7 20	1 17	7 20	1 24	23 35	0 13	19 12	0 56	3 11	2 31	23 16	0 8	22 12
T 16	3 4	21 10	4 28	7 42	0 57	6 51	1 25	23 34	0 15	19 13	0 56	3 13	2 31	23 16	0 8	22 12
F 17	2 41	16 46	3 48	7 59	0 38	6 22	1 25	23 34	0 16	19 14	0 56	3 15	2 32	23 17	0 8	22 12
S 18	2 18	11 41	2 57	8 13	0 20	5 53	1 25	23 34	0 17	19 15	0 56	3 17	2 32	23 17	0 8	22 12
S 19	1 55	6 6	1 58	8 21	0 3	5 24	1 25	23 33	0 18	19 16	0 56	3 19	2 32	23 17	0 8	22 13
M20	1 31	0 13	0 53	8 26	0n13	4 54	1 25	23 32	0 20	19 17	0 56	3 21	2 32	23 17	0 8	22 13
T 21	1 8	5s46	0s16	8 25	0 29	4 25	1 25	23 31	0 21	19 17	0 56	3 23	2 32	23 17	0 8	22 13
W22	0 45	11 37	1 25	8 21	0 42	3 55	1 25	23 30	0 22	19 18	0 56	3 25	2 32	23 17	0 8	22 13
T 23	0 21	17 5	2 31	8 12	0 55	3 25	1 25	23 29	0 23	19 18	0 56	3 27	2 32	23 17	0 8	22 13
F 24	0s 2	21 51	3 30	7 59	1 6	2 55	1 25	23 28	0 25	19 19	0 56	3 28	2 32	23 17	0 8	22 13
S 25	0 26	25 36	4 19	7 41	1 17	2 25	1 25	23 27	0 26	19 19	0 56	3 30	2 32	23 17	0 8	22 13
S 26	0 49	27 58	4 55	7 21	1 25	1 55	1 24	23 25	0 27	19 20	0 56	3 32	2 32	23 17	0 8	22 13
M27	1 12	28 39	5 14	6 56	1 33	1 25	1 24	23 24	0 29	19 20	0 56	3 34	2 32	23 17	0 8	22 13
T 28	1 36	27 29	5 15	6 29	1 39	0 55	1 24	23 22	0 30	19 20	0 56	3 36	2 32	23 17	0 8	22 13
W29	1 59	24 30	4 56	5 58	1 45	0 25	1 23	23 20	0 31	19 21	0 56	3 38	2 32	23 18	0 8	22 13
T 30	2s23	19s57	4s18	5n26	1n49	0s 6	1n22	23n19	0n33	19s21	0s56	3s39	2s32	23s18	0s 8	22s13

Julian Day Number = 2385678.5, Delta T = 11.75 sec
 Ecliptic obliquity = 23°27'55", Nutation = - 0°00'03"
 Ayanamsha: Fagan/Bradley = 22°13'21", Lahiri = 21°20'20"

SWISS EPHEMERIS for the year 1819

OCTOBER 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
F 1	0 35 33	6♁58'01	1♃20	22♎7	4♁39	14♁9	7°R22	26°R34	20♁56	26♁4	26°R20	11°R12	11°Y20	9♁0	26°R28
S 2	0 39 30	7°57'04	15°57	23°46	5°54	14°40	7♁21	26♁30	20°58	26°4	26♁18	11°Y11	11°17	9°6	26♁25
S 3	0 43 26	8°56'09	0♁28	25°26	7°9	15°11	7°21	26°25	20°59	26°5	26°17	11°11	11°14	9°13	26°22
M 4	0 47 23	9°55'16	14°47	27°9	8°24	15°42	7°D21	26°21	21°1	26°6	26°16	11°D11	11°11	9°20	26°20
T 5	0 51 19	10°54'25	28°47	28°52	9°39	16°13	7°21	26°16	21°3	26°7	26°15	11°R11	11°8	9°27	26°17
W 6	0 55 16	11°53'37	12♁27	0♁36	10°54	16°43	7°21	26°12	21°4	26°8	26°14	11°11	11°5	9°33	26°14
T 7	0 59 12	12°52'50	25°44	2°21	12°9	17°13	7°21	26°7	21°6	26°9	26°13	11°11	11°1	9°40	26°12
F 8	1 3 9	13°52'06	8♁39	4°6	13°24	17°43	7°22	26°3	21°8	26°10	26°12	11°11	10°58	9°47	26°9
S 9	1 7 6	14°51'24	21°13	5°52	14°39	18°13	7°23	25°59	21°10	26°11	26°10	11°10	10°55	9°53	26°6
S 10	1 11 2	15°50'45	3♁31	7°37	15°54	18°42	7°24	25°55	21°12	26°12	26°9	11°10	10°52	10°0	26°4
M11	1 14 59	16°50'08	15°35	9°23	17°9	19°11	7°25	25°50	21°14	26°13	26°8	11°D10	10°49	10°7	26°1
T 12	1 18 55	17°49'33	27°31	11°8	18°24	19°40	7°26	25°46	21°16	26°14	26°7	11°10	10°46	10°14	25°59
W13	1 22 52	18°49'01	9♁23	12°52	19°39	20°9	7°28	25°42	21°18	26°15	26°6	11°10	10°42	10°20	25°56
T 14	1 26 48	19°48'30	21°15	14°37	20°54	20°37	7°30	25°38	21°20	26°16	26°5	11°11	10°39	10°27	25°54
F 15	1 30 45	20°48'02	3♎13	16°21	22°9	21°5	7°32	25°34	21°22	26°17	26°4	11°12	10°36	10°34	25°51
S 16	1 34 41	21°47'36	15°19	18°4	23°24	21°33	7°34	25°30	21°25	26°18	26°3	11°13	10°33	10°40	25°49
S 17	1 38 38	22°47'13	27°37	19°47	24°39	22°0	7°36	25°26	21°27	26°20	26°2	11°14	10°30	10°47	25°46
M18	1 42 35	23°46'51	10♁9	21°29	25°54	22°27	7°39	25°22	21°29	26°21	26°1	11°R14	10°26	10°54	25°44
T 19	1 46 31	24°46'31	22°56	23°11	27°9	22°54	7°42	25°19	21°32	26°22	26°0	11°14	10°23	11°0	25°42
W20	1 50 28	25°46'14	6♁0	24°52	28°25	23°21	7°45	25°15	21°34	26°23	25°59	11°13	10°20	11°7	25°39
T 21	1 54 24	26°45'59	19°18	26°33	29°40	23°47	7°48	25°11	21°36	26°25	25°58	11°11	10°17	11°14	25°37
F 22	1 58 21	27°45'45	2♁51	28°13	0♁55	24°13	7°51	25°8	21°39	26°26	25°57	11°9	10°14	11°21	25°35
S 23	2 2 17	28°45'33	16°35	29°52	2°10	24°38	7°55	25°4	21°41	26°27	25°56	11°7	10°11	11°27	25°33
S 24	2 6 14	29°45'24	0♁30	1♁31	3°25	25°4	7°59	25°1	21°44	26°29	25°55	11°4	10°7	11°34	25°30
M25	2 10 10	0♁45'15	14°32	3°9	4°40	25°28	8°3	24°58	21°47	26°30	25°54	11°3	10°4	11°41	25°28
T 26	2 14 7	1°45'09	28°40	4°47	5°56	25°53	8°7	24°54	21°49	26°32	25°53	11°D 2	10°1	11°47	25°26
W27	2 18 4	2°45'04	12♁51	6°24	7°11	26°17	8°11	24°51	21°52	26°33	25°52	11°2	9°58	11°54	25°24
T 28	2 22 0	3°45'01	27°4	8°1	8°26	26°41	8°16	24°48	21°54	26°35	25°51	11°3	9°55	12°1	25°22
F 29	2 25 57	4°44'59	11♁16	9°37	9°41	27°4	8°20	24°45	21°57	26°36	25°50	11°5	9°51	12°7	25°20
S 30	2 29 53	5°44'58	25°25	11°13	10°56	27°27	8°25	24°42	22°0	26°38	25°49	11°6	9°48	12°14	25°18
S 31	2 33 50	6♁45'00	9°Y28	12♁48	12♁11	27♁50	8♁30	24♁39	22♁3	26♁40	25♁48	11°R 7	9°Y45	12♁21	25♁16

Day	☉			☽			♀			♁			♂			♃			♅			♁			♁			♁			♁		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat		
F 1	2s46	14s11	3s23	4n50	1n52	0s36	1n22	23n17	0n34	19s21	0s56	3s41	2s32	23s18	0s8	22s13	1n11	16s28	16s23	4n26	4n29	22n25	2n6	3n50									
S 2	3 9	7 37	2 15	4 13	1 54	1 6	1 21	23 15	0 36	19 21	0 56	3 43	2 32	23 18	0 8	22 13	1 11	16 28	16 23	4 26	4 28	22 23	2 5	3 50									
S 3	3 33	0 43	0 59	3 34	1 55	1 37	1 20	23 13	0 37	19 21	0 55	3 45	2 32	23 18	0 8	22 13	1 11	16 28	16 23	4 26	4 27	22 21	2 4	3 50									
M 4	3 56	6n8	0n20	2 54	1 55	2 7	1 20	23 11	0 38	19 21	0 55	3 47	2 32	23 18	0 8	22 13	1 11	16 29	16 23	4 26	4 26	22 19	2 3	3 49									
T 5	4 19	12 33	1 36	2 12	1 55	2 37	1 19	23 8	0 40	19 21	0 55	3 48	2 32	23 18	0 8	22 14	1 11	16 29	16 23	4 26	4 24	22 16	2 2	3 49									
W 6	4 42	18 12	2 45	1 30	1 54	3 8	1 18	23 6	0 41	19 21	0 55	3 50	2 32	23 18	0 8	22 14	1 11	16 30	16 23	4 26	4 23	22 14	2 0	3 49									
T 7	5 6	22 49	3 43	0 46	1 52	3 38	1 17	23 4	0 43	19 21	0 55	3 52	2 32	23 18	0 8	22 14	1 11	16 30	16 23	4 26	4 22	22 12	1 59	3 49									
F 8	5 29	26 10	4 27	0 2	1 49	4 8	1 16	23 1	0 44	19 20	0 55	3 53	2 32	23 19	0 8	22 14	1 11	16 30	16 23	4 26	4 21	22 10	1 58	3 49									
S 9	5 52	28 8	4 58	0s42	1 46	4 38	1 14	22 59	0 46	19 20	0 55	3 55	2 32	23 19	0 8	22 14	1 11	16 31	16 23	4 26	4 19	22 7	1 57	3 49									
S 10	6 15	28 39	5 14	1 27	1 43	5 8	1 13	22 56	0 47	19 20	0 55	3 57	2 31	23 19	0 9	22 14	1 11	16 31	16 23	4 25	4 18	22 5	1 56	3 49									
M11	6 37	27 47	5 16	2 12	1 39	5 38	1 12	22 54	0 49	19 19	0 55	3 58	2 31	23 19	0 9	22 14	1 11	16 31	16 23	4 25	4 17	22 3	1 55	3 49									
T 12	7 0	25 39	5 4	2 57	1 35	6 8	1 11	22 51	0 50	19 19	0 55	4 0	2 31	23 19	0 9	22 14	1 11	16 32	16 22	4 25	4 16	22 1	1 54	3 48									
W13	7 23	22 25	4 39	3 43	1 30	6 37	1 9	22 49	0 52	19 18	0 55	4 1	2 31	23 19	0 9	22 14	1 11	16 32	16 22	4 26	4 15	21 58	1 52	3 48									
T 14	7 45	18 16	4 3	4 28	1 25	7 7	1 8	22 46	0 54	19 18	0 55	4 3	2 31	23 19	0 9	22 14	1 11	16 32	16 22	4 26	4 13	21 56	1 51	3 48									
F 15	8 8	13 22	3 15	5 12	1 20	7 36	1 7	22 43	0 55	19 17	0 55	4 4	2 31	23 20	0 9	22 14	1 11	16 33	16 22	4 26	4 12	21 54	1 50	3 48									
S 16	8 30	7 56	2 19	5 57	1 14	8 6	1 5	22 40	0 57	19 17	0 55	4 6	2 31	23 20	0 9	22 14	1 10	16 33	16 22	4 27	4 11	21 52	1 49	3 48									
S 17	8 52	2 6	1 15	6 41	1 8	8 35	1 3	22 38	0 58	19 16	0 54	4 7	2 31	23 20	0 9	22 14	1 10	16 33	16 22	4 27	4 10	21 49	1 48	3 48									
M18	9 14	3s56	0 6	7 25	1 3	9 3	1 2	22 35	1 0	19 15	0 54	4 9	2 31	23 20	0 9	22 15	1 10	16 33	16 22	4 27	4 8	21 47	1 47	3 47									
T 19	9 36	9 55	1s 4	8 9	0 56	9 32	1 0	22 32	1 0	19 14	0 54	4 10	2 31	23 20	0 9	22 15	1 10	16 34	16 21	4 27	4 7	21 45	1 46	3 47									
W20	9 58	15 37	2 13	8 52	0 50	10 1	0 59	22 29	1 3	19 14	0 54	4 12	2 31	23 20	0 9	22 15	1 10	16 34	16 21	4 27	4 6	21 42	1 45	3 47									
T 21	10 20	20 42																															

SWISS EPHEMERIS for the year 1819

NOVEMBER 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	
M 1	2 37 46	7♄45'03	23♃22	14♂23	13♂27	28♁12	8♃35	24°R37	22♃6	26♃41	25°R47	11°R 6	9♃42	12♂28	25°R14
T 2	2 41 43	8°45'08	7♃ 3	15°57	14°42	28°34	8°41	24♃34	22° 8	26°43	25♃47	11°R 4	9°39	12°34	25♃12
W 3	2 45 39	9°45'15	20°29	17°31	15°57	28°55	8°46	24°31	22°11	26°44	25°46	11° 1	9°36	12°41	25°11
T 4	2 49 36	10°45'24	3♂38	19° 5	17°12	29°16	8°52	24°29	22°14	26°46	25°45	10°56	9°32	12°48	25° 9
F 5	2 53 33	11°45'35	16°29	20°38	18°27	29°37	8°58	24°26	22°17	26°48	25°44	10°51	9°29	12°54	25° 7
S 6	2 57 29	12°45'47	29° 3	22°11	19°42	29°57	9° 4	24°24	22°20	26°50	25°43	10°46	9°26	13° 1	25° 6
S 7	3 1 26	13°46'02	11♁21	23°43	20°58	0♂17	9°10	24°22	22°23	26°51	25°43	10°41	9°23	13° 8	25° 4
M 8	3 5 22	14°46'19	23°26	25°15	22°13	0°36	9°16	24°20	22°26	26°53	25°42	10°37	9°20	13°14	25° 2
T 9	3 9 19	15°46'37	5♂22	26°47	23°28	0°55	9°23	24°18	22°29	26°55	25°41	10°35	9°17	13°21	25° 1
W10	3 13 15	16°46'58	17°13	28°18	24°43	1°13	9°30	24°16	22°32	26°57	25°41	10°D34	9°13	13°28	24°59
T 11	3 17 12	17°47'20	29° 4	29°49	25°59	1°31	9°37	24°14	22°36	26°59	25°40	10°35	9°10	13°35	24°58
F 12	3 21 8	18°47'45	11♂2	1♂20	27°14	1°48	9°44	24°12	22°39	27° 1	25°39	10°37	9° 7	13°41	24°57
S 13	3 25 5	19°48'11	2♂ 9	2°51	28°29	2° 5	9°51	24°11	22°42	27° 2	25°39	10°38	9° 4	13°48	24°55
S 14	3 29 2	20°48'39	5♁32	4°21	29°44	2°21	9°58	24° 9	22°45	27° 4	25°38	10°R39	9° 1	13°55	24°54
M15	3 32 58	21°49'09	18°13	5°51	0♂59	2°37	10° 6	24° 8	22°48	27° 6	25°37	10°39	8°57	14° 1	24°53
T 16	3 36 55	22°49'41	1♂14	7°20	2°15	2°52	10°13	24° 6	22°52	27° 8	25°37	10°37	8°54	14° 8	24°52
W17	3 40 51	23°50'14	14°38	8°49	3°30	3° 6	10°21	24° 5	22°55	27°10	25°36	10°33	8°51	14°15	24°51
T 18	3 44 48	24°50'49	28°21	10°18	4°45	3°20	10°29	24° 4	22°58	27°12	25°36	10°27	8°48	14°21	24°50
F 19	3 48 44	25°51'26	12♂22	11°46	6° 0	3°34	10°37	24° 3	23° 1	27°14	25°35	10°20	8°45	14°28	24°49
S 20	3 52 41	26°52'04	26°36	13°13	7°16	3°47	10°45	24° 2	23° 5	27°16	25°35	10°12	8°42	14°35	24°48
S 21	3 56 38	27°52'43	10♁57	14°41	8°31	3°59	10°54	24° 1	23° 8	27°18	25°34	10° 5	8°38	14°42	24°47
M22	4 0 34	28°53'24	25°20	16° 7	9°46	4°10	11° 2	24° 1	23°12	27°20	25°34	9°59	8°35	14°48	24°46
T 23	4 4 31	29°54'05	9♁40	17°33	11° 1	4°21	11°11	24° 0	23°15	27°22	25°33	9°55	8°32	14°55	24°45
W24	4 8 27	0♂54'48	23°53	18°58	12°17	4°32	11°20	23°59	23°18	27°24	25°33	9°53	8°29	15° 2	24°44
T 25	4 12 24	1°55'32	7♃58	20°22	13°32	4°42	11°29	23°59	23°22	27°26	25°33	9°D53	8°26	15° 8	24°44
F 26	4 16 20	2°56'16	21°54	21°46	14°47	4°51	11°38	23°59	23°25	27°28	25°32	9°53	8°23	15°15	24°43
S 27	4 20 17	3°57'02	5♃40	23° 8	16° 2	4°59	11°47	23°59	23°29	27°31	25°32	9°R54	8°19	15°22	24°42
S 28	4 24 13	4°57'48	19°17	24°29	17°18	5° 7	11°56	23°D59	23°32	27°33	25°32	9°54	8°16	15°28	24°42
M29	4 28 10	5°58'36	2♁44	25°48	18°33	5°14	12° 6	23°59	23°36	27°35	25°31	9°52	8°13	15°35	24°41
T 30	4 32 7	6♂59'25	16♁ 0	27♂ 6	19♂48	5♂20	12♂15	23♃59	23♃39	27♂37	25♃31	9♃47	8♃10	15♂42	24♃41

Day	☉	☽	♀	♂	♃	♄	♅	♆	♇	♁	♂	♆	♅	♄	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	14s 7 10n 7	1n 7 16s38	0s30 15s20	0n35 21n56	1n25 19s 0	0s53 4s25	2s29 23s22	0s 9 22s16	1n10 16s36	16s19 4n24	3n51 21n14	1n33 3n45			
T 2	14 26 16 3	2 17 17 12	0 36 15 45	0 33 21 54	1 27 18 58	0 53 4 26	2 29 23 22	0 9 22 16	1 10 16 36	16 19 4 23	3 50 21 12	1 32 3 44			
W 3	14 45 21 5	3 19 17 46	0 43 16 9	0 31 21 51	1 29 18 56	0 53 4 27	2 29 23 23	0 9 22 16	1 10 16 36	16 18 4 22	3 48 21 9	1 31 3 44			
T 4	15 4 24 58	4 9 18 18	0 49 16 32	0 28 21 49	1 31 18 55	0 53 4 28	2 28 23 23	0 9 22 16	1 10 16 36	16 18 4 20	3 47 21 7	1 30 3 44			
F 5	15 23 27 29	4 44 18 49	0 55 16 55	0 26 21 46	1 33 18 53	0 53 4 29	2 28 23 23	0 9 22 16	1 10 16 37	16 18 4 18	3 46 21 5	1 29 3 44			
S 6	15 41 28 33	5 19 20 1	2 17 18 0	0 24 21 44	1 35 18 52	0 53 4 30	2 28 23 23	0 9 22 16	1 10 16 37	16 18 4 16	3 45 21 2	1 28 3 44			
S 7	15 59 28 9	5 12 19 49	1 8 17 40	0 21 21 42	1 37 18 50	0 53 4 30	2 28 23 23	0 9 22 16	1 10 16 37	16 17 4 14	3 43 21 0	1 27 3 43			
M 8	16 17 26 25	5 4 20 18	1 14 18 2	0 19 21 40	1 39 18 48	0 53 4 31	2 28 23 24	0 9 22 16	1 10 16 37	16 17 4 13	3 42 20 57	1 26 3 43			
T 9	16 35 23 31	4 43 20 45	1 20 18 23	0 17 21 38	1 41 18 46	0 53 4 32	2 28 23 24	0 9 22 16	1 10 16 37	16 17 4 12	3 41 20 55	1 26 3 43			
W10	16 52 19 40	4 10 21 12	1 25 18 44	0 14 21 36	1 44 18 44	0 53 4 32	2 27 23 24	0 9 22 16	1 10 16 37	16 17 4 11	3 40 20 52	1 25 3 43			
T 11	17 9 15 2	3 27 21 37	1 31 19 5	0 12 21 34	1 46 18 43	0 53 4 33	2 27 23 24	0 9 22 16	1 9 16 37	16 16 4 12	3 38 20 50	1 24 3 42			
F 12	17 26 9 49	2 34 22 1	1 36 19 24	0 10 21 32	1 48 18 41	0 52 4 33	2 27 23 24	0 9 22 16	1 9 16 37	16 16 4 12	3 37 20 48	1 23 3 42			
S 13	17 42 4 9	1 34 22 25	1 42 19 44	0 7 21 30	1 50 18 39	0 52 4 34	2 27 23 24	0 9 22 17	1 9 16 37	16 16 4 13	3 36 20 45	1 22 3 42			
S 14	17 59 1s46	0 28 22 47	1 47 20 2	0 5 21 29	1 52 18 37	0 52 4 34	2 27 23 25	0 9 22 17	1 9 16 37	16 15 4 13	3 35 20 43	1 22 3 42			
M15	18 14 7 47	0s41 23 8	1 52 20 20	0 2 21 27	1 54 18 34	0 52 4 35	2 26 23 25	0 9 22 17	1 9 16 37	16 15 4 13	3 33 20 40	1 21 3 41			
T 16	18 30 13 37	1 49 23 28	1 56 20 38	0s 0 21 26	1 57 18 32	0 52 4 35	2 26 23 25	0 9 22 17	1 9 16 37	16 15 4 13	3 32 20 38	1 20 3 41			
W17	18 45 19 0	2 53 23 47	2 0 20 55	0 3 21 25	1 59 18 30	0 52 4 35	2 26 23 25	0 9 22 17	1 9 16 37	16 15 4 11	3 31 20 35	1 20 3 41			
T 18	19 0 23 32	3 49 24 4	2 5 21 11	0 5 21 24	2 1 18 28	0 52 4 35	2 26 23 25	0 9 22 17	1 9 16 37	16 14 4 9	3 30 20 33	1 19 3 41			
F 19	19 15 26 48	4 32 24 20	2 8 21 27	0 7 21 23	2 4 18 26	0 52 4 36	2 26 23 26	0 9 22 17	1 9 16 36	16 14 4 6	3 28 20 30	1 18 3 40			
S 20	19 29 28 24	4 59 24 35	2 12 21 42	0 10 21 22	2 6 18 23	0 52 4 36	2 25 23 26	0 9 22 17	1 9 16 36	16 14 4 3	3 27 20 28	1 18 3 40			
S 21	19 43 28 7	5 7 24 49	2 15 21 57	0 12 21 22	2 8 18 21	0 52 4 36	2 25 23 26	0 9 22 17	1 9 16 36	16 13 4 0	3 26 20 25	1 17 3 40			
M22	19 56 25 57	4 56 25 2	2 18 22 11	0 15 21 21	2 11 18 19	0 52 4 36	2 25 23 26	0 9 22 17	1 9 16 36	16 13 3 57	3 25 20 23	1 17 3 40			
T 23	20 9 22 8	4 27 25 13	2 20 22 24	0 17 21 21	2 13 18 16	0 52 4 36	2 25 23 26	0 9 22 17	1 9 16 36	16 13 3 56	3 23 20 20	1 16 3 39			
W24	20 22 17 3	3 41 25 22	2 22 22 37	0 20 21 21	2 16 18 14	0 52 4 36	2 25 23 26	0 9 22 17	1 9 16 36	16 12 3 55	3 22 20 18	1 16 3 39			
T 25	20 34 11 6	2 43 25 31	2 24 22 49	0 22 21 21	2 18 18 11	0 52 4 36	2 24 23 27	0 9 22 17	1 9 16 36	16 12 3 55	3 21 20 15	1 15 3 39			
F 26	20 46 4 40	1 35 25 38	2 25 23 0	0 24 21 21	2 21 18 8	0 52 4 36	2 24 23 27	0 9 22 17	1 9 16 36	16 12 3 55	3 20 20 13	1 15 3 39			
S 27	20 58 1n54	0 23 25 43	2 26 23 11	0 27 21 21	2 23 18 6	0 51 4 36	2 24 23 27	0 9 22 17	1 9 16 35	16 11 3 56	3 18 20 10	1 14 3 38			
S 28	21 9 8 20	0n50 25 47	2 26 23 20	0 29 21 22	2 26 18 3	0 51 4 36	2 24 23 27	0 9 22 18	1 9 16 35	16 11 3 56	3 17 20 8	1 14 3 38			
M29	21 20 14 18	1 59 25 50	2 26 23 30	0 32 21 23	2 28 18 0	0 51 4 35	2 24 23 27	0 9 22 18	1 9 16 35	16 11 3 55	3 16 20 5	1 13 3 38			
T 30	21s30 19n31	3n 0 25s51	2s25 23s38	0s34 21n24	2n31 17s58	0s51 4s35	2s23 23s27	0s 9 22s18	1n 9 16s35	16s10 3n53	3n14 20n 3	1n13 3n38			

Julian Day Number = 2385739.5, Delta T = 11.71 sec
 Ecliptic obliquity = 23°27'55, Nutation = - 0°00'04
 Ayanamsha: Fagan/Bradley = 22°13'29, Lahiri = 21°20'29

SWISS EPHEMERIS for the year 1819

DECEMBER 1819

00:00 UT

Day	Sid.t	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁
W 1	4 36 3	8♂ 0'14	29♄ 5	28♂ 22	21♂ 3	5♁ 25	12♂ 25	23♂ 59	23♂ 43	27♂ 39	25°R31	9°R39	8♂ 7	15♁ 49	24°R41
T 2	4 40 0	9° 1'05	11♁ 58	29°36	22°18	5°30	12°35	23°59	23°46	27°41	25°R31	9°R29	8° 3	15°55	24°R40
F 3	4 43 56	10° 1'57	24°37	0♄ 47	23°34	5°34	12°45	24° 0	23°50	27°43	25°30	9°17	8° 0	16° 2	24°40
S 4	4 47 53	11° 2'50	7♄ 4	1°55	24°49	5°38	12°55	24° 1	23°53	27°46	25°30	9° 6	7°57	16° 9	24°40
S 5	4 51 49	12° 3'45	19°18	3° 0	26° 4	5°40	13° 5	24° 1	23°57	27°48	25°30	8°54	7°54	16°15	24°40
M 6	4 55 46	13° 4'40	1♁ 20	4° 0	27°19	5°42	13°15	24° 2	24° 1	27°50	25°30	8°45	7°51	16°22	24°40
T 7	4 59 42	14° 5'37	13°15	4°57	28°34	5°43	13°26	24° 3	24° 4	27°52	25°30	8°38	7°48	16°29	24°D40
W 8	5 3 39	15° 6'35	25° 4	5°48	29°50	5°R44	13°36	24° 4	24° 8	27°55	25°30	8°33	7°44	16°35	24°40
T 9	5 7 36	16° 7'34	6♁ 54	6°33	1♄ 5	5°43	13°47	24° 5	24°11	27°57	25°30	8°31	7°41	16°42	24°40
F 10	5 11 32	17° 8'33	18°48	7°12	2°20	5°42	13°58	24° 6	24°15	27°59	25°30	8°D30	7°38	16°49	24°40
S 11	5 15 29	18° 9'35	0♄ 53	7°43	3°35	5°39	14° 9	24° 8	24°19	28° 1	25°D30	8°31	7°35	16°55	24°40
S 12	5 19 25	19°10'37	13°14	8° 6	4°50	5°36	14°20	24° 9	24°22	28° 3	25°30	8°R31	7°32	17° 2	24°41
M13	5 23 22	20°11'40	25°56	8°20	6° 5	5°33	14°31	24°11	24°26	28° 6	25°30	8°29	7°29	17° 9	24°41
T 14	5 27 18	21°12'44	9♁ 2	8°R23	7°21	5°28	14°42	24°12	24°29	28° 8	25°30	8°26	7°25	17°16	24°41
W15	5 31 15	22°13'49	22°36	8°16	8°36	5°22	14°53	24°14	24°33	28°10	25°30	8°19	7°22	17°22	24°42
T 16	5 35 11	23°14'55	6♂ 35	7°57	9°51	5°16	15° 5	24°16	24°37	28°12	25°30	8°10	7°19	17°29	24°42
F 17	5 39 8	24°16'02	20°59	7°27	11° 6	5° 9	15°16	24°18	24°40	28°15	25°30	7°59	7°16	17°36	24°43
S 18	5 43 5	25°17'09	5♄ 39	6°45	12°21	5° 1	15°28	24°20	24°44	28°17	25°31	7°47	7°13	17°42	24°43
S 19	5 47 1	26°18'17	20°29	5°52	13°36	4°52	15°39	24°22	24°48	28°19	25°31	7°36	7° 9	17°49	24°44
M20	5 50 58	27°19'26	5♁ 19	4°49	14°52	4°42	15°51	24°24	24°51	28°22	25°31	7°26	7° 6	17°56	24°45
T 21	5 54 54	28°20'34	20° 1	3°38	16° 7	4°31	16° 3	24°27	24°55	28°24	25°31	7°19	7° 3	18° 2	24°46
W22	5 58 51	29°21'43	4♂ 30	2°21	17°22	4°20	16°15	24°29	24°59	28°26	25°31	7°15	7° 0	18° 9	24°46
T 23	6 2 47	0♄ 22'51	18°43	0°59	18°37	4° 8	16°27	24°32	25° 2	28°28	25°32	7°13	6°57	18°16	24°47
F 24	6 6 44	1°24'00	2♂ 37	29♂ 37	19°52	3°55	16°39	24°35	25° 6	28°31	25°32	7°13	6°54	18°22	24°48
S 25	6 10 40	2°25'08	16°13	28°16	21° 7	3°41	16°51	24°37	25° 9	28°33	25°32	7°12	6°50	18°29	24°49
S 26	6 14 37	3°26'17	29°34	26°59	22°22	3°26	17° 3	24°40	25°13	28°35	25°33	7°11	6°47	18°36	24°50
M27	6 18 34	4°27'26	12♄ 41	25°49	23°37	3°11	17°16	24°43	25°17	28°37	25°33	7° 7	6°44	18°43	24°52
T 28	6 22 30	5°28'35	25°36	24°48	24°52	2°55	17°28	24°46	25°20	28°40	25°34	7° 1	6°41	18°49	24°53
W29	6 26 27	6°29'43	8♁ 20	23°55	26° 7	2°38	17°41	24°50	25°24	28°42	25°34	6°51	6°38	18°56	24°54
T 30	6 30 23	7°30'52	20°54	23°13	27°22	2°21	17°53	24°53	25°27	28°44	25°34	6°39	6°35	19° 3	24°55
F 31	6 34 20	8♄ 32'01	3♄ 18	22♂ 41	28♄ 37	2♁ 3	18♂ 6	24♂ 56	25♂ 31	28♂ 46	25♂ 35	6♂ 24	6♂ 31	19♁ 9	24♂ 57

Day	☉	☽	♀	♁	♂	♃	♅	♁	♄	♁	♁	♁	♁	♁	♁									
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat									
W 1	21s40	23n44	3n51	25s51	2s23	23s46	0s36	21n25	2n34	17s55	0s51	4s35	2s23	23s28	0s9	22s18	1n9	16s35	16s10	3n50	3n13	20n0	1n12	3n37
T 2	21 50 26	42 4 29	25 49	2 21	23 53	0 39	21 26	2 36	17 52	0 51	4 34	2 23	23 28	0 9	22 18	1 9	16 34	16 10	3 46	3 12	19 58	1 12	3 37	
F 3	21 59 28	14 4 53	25 46	2 18	23 59	0 41	21 28	2 39	17 49	0 51	4 34	2 23	23 28	0 9	22 18	1 9	16 34	16 9	3 41	3 11	19 55	1 12	3 37	
S 4	22 7 28	19 5 3	25 41	2 14	24 5	0 43	21 29	2 41	17 46	0 51	4 34	2 22	23 28	0 9	22 18	1 9	16 34	16 9	3 36	3 9	19 52	1 11	3 36	
S 5	22 16 27	0 4 58	25 35	2 9	24 10	0 45	21 31	2 44	17 43	0 51	4 33	2 22	23 28	0 9	22 18	1 9	16 34	16 9	3 32	3 8	19 50	1 11	3 36	
M 6	22 24 24	26 4 40	25 28	2 4	24 14	0 48	21 34	2 47	17 40	0 51	4 33	2 22	23 29	0 9	22 18	1 9	16 33	16 8	3 28	3 7	19 47	1 11	3 36	
T 7	22 31 20	51 4 10	25 19	1 57	24 17	0 50	21 36	2 50	17 37	0 51	4 32	2 22	23 29	0 9	22 18	1 9	16 33	16 8	3 25	3 6	19 45	1 11	3 36	
W 8	22 38 16	28 3 29	25 10	1 49	24 20	0 52	21 38	2 52	17 34	0 51	4 31	2 22	23 29	0 9	22 18	1 9	16 33	16 8	3 24	3 4	19 42	1 10	3 35	
T 9	22 44 11	28 3 29	24 59	1 40	24 22	0 54	21 41	2 55	17 31	0 51	4 31	2 21	23 29	0 9	22 18	1 9	16 33	16 7	3 23	3 3	19 40	1 10	3 35	
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